

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111594.D
 Acq On : 19 Dec 2018 16:37
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 17:18:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	229113	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	809920	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	399822	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	738014	20.00	ng	0.00
76) Chrysene-d12	14.05	240	515605	20.00	ng	0.00
87) Perylene-d12	15.53	264	441736	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1495680	108.63	ng	0.00
7) Phenol-d6	6.53	99	1892779	103.35	ng	0.00
23) Nitrobenzene-d5	7.46	82	1702453	125.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	539047	150.51	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2907471	112.32	ng	0.00
79) Terphenyl-d14	13.00	244	3129550	142.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	360132	54.157	ng	97
3) Pyridine	3.47	79	952794	57.049	ng	99
4) n-Nitrosodimethylamine	3.42	42	474617	62.564	ng	86
6) Aniline	6.56	93	1240460	54.603	ng	99
8) 2-Chlorophenol	6.69	128	831033	50.516	ng	99
9) Benzaldehyde	6.45	77	614622	55.329	ng	94
10) Phenol	6.54	94	1082305	53.050	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	813452	50.863	ng	93
12) 1,3-Dichlorobenzene	6.85	146	964985	53.288	ng	98
13) 1,4-Dichlorobenzene	6.92	146	973807	52.979	ng	98
14) 1,2-Dichlorobenzene	7.07	146	897568	51.906	ng	98
15) Benzyl Alcohol	7.04	79	766432	55.000	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1474022	47.204	ng	99
17) 2-Methylphenol	7.15	107	674988	50.982	ng	96
18) Hexachloroethane	7.42	117	335906	49.105	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	632269	52.328	ng	99
20) 3+4-Methylphenols	7.30	107	819449	49.342	ng	92
22) Acetophenone	7.31	105	1146283	63.400	ng	92
24) Nitrobenzene	7.48	77	885340	63.811	ng	96
25) Isophorone	7.72	82	1428695	62.082	ng	98
26) 2-Nitrophenol	7.80	139	390074	54.212	ng	95
27) 2,4-Dimethylphenol	7.83	122	685908	65.755	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	952155	59.933	ng	98
29) 2,4-Dichlorophenol	8.03	162	721340	64.779	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	803519	68.931	ng	98
31) Naphthalene	8.20	128	2177439	57.480	ng	98
32) Benzoic acid	7.96	122	357351	39.644	ng	91
33) 4-Chloroaniline	8.25	127	944268	56.056	ng	98
34) Hexachlorobutadiene	8.33	225	486218	75.709	ng	99
35) Caprolactam	8.63	113	238984	57.805	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	707032	57.684	ng	99
37) 2-Methylnaphthalene	8.89	142	1399003	54.577	ng	97
38) 1-Methylnaphthalene	8.99	142	1356410	54.773	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	733276	66.876	ng	97

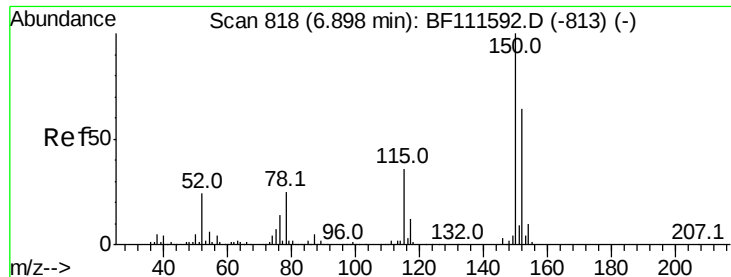
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	376639	66.905	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	517078	66.630	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	518099	62.739	nq	94
46) 1,1'-Biphenyl	9.36	154	1869296	55.178	nq	96
47) 2-Chloronaphthalene	9.39	162	1515659	58.859	nq	94
48) 2-Nitroaniline	9.47	65	442895	52.971	nq	97
49) Acenaphthylene	9.80	152	2225281	58.218	nq	97
50) Dimethylphthalate	9.66	163	1652415	57.387	nq	97
51) 2,6-Dinitrotoluene	9.72	165	364907	56.301	nq	93
52) Acenaphthene	9.97	154	1365449	56.519	nq	100
53) 3-Nitroaniline	9.89	138	401452	50.995	nq	95
54) 2,4-Dinitrophenol	9.98	184	108142	43.856	nq	# 1
55) Dibenzofuran	10.15	168	2022097	57.663	nq	96
56) 4-Nitrophenol	10.03	139	307986	56.531	nq	93
57) 2,4-Dinitrotoluene	10.12	165	448887	52.768	nq	93
58) Fluorene	10.49	166	1428353	56.156	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	442668	68.608	nq	90
60) Diethylphthalate	10.36	149	1621885	55.607	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	795675	63.938	nq	94
62) 4-Nitroaniline	10.50	138	376070	48.256	nq	89
63) Azobenzene	10.64	77	1632092	56.759	nq	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	190248	45.662	nq	# 74
66) n-Nitrosodiphenylamine	10.59	169	1407331	55.298	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	527690	66.340	nq	95
68) Hexachlorobenzene	11.03	284	590256	72.139	nq	98
69) Atrazine	11.12	200	483280	65.707	nq	96
70) Pentachlorophenol	11.22	266	382684	76.254	nq	96
71) Phenanthrene	11.45	178	2177669	57.264	nq	96
72) Anthracene	11.50	178	2189789	56.306	nq	97
73) Carbazole	11.65	167	2136692	53.129	nq	97
74) Di-n-butylphthalate	11.98	149	2373896	53.001	nq	98
75) Fluoranthene	12.63	202	2164098	58.170	nq	98
77) Benzidine	12.74	184	1085083	57.249	nq	96
78) Pyrene	12.86	202	2224836	61.203	nq	99
80) Butylbenzylphthalate	13.47	149	913683	51.565	nq	92
81) Benzo(a)anthracene	14.04	228	1696072	60.497	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	647343	56.799	nq	# 98
83) Chrysene	14.08	228	1666758	56.436	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1104125	48.787	nq	# 100
85) Di-n-octyl phthalate	14.66	149	1701649	44.576	nq	97
86) Indeno(1,2,3-cd)pyrene	17.02	276	1577473	74.006	nq	# 90
88) Benzo(b)fluoranthene	15.10	252	1477815	57.382	nq	# 96
89) Benzo(k)fluoranthene	15.13	252	1434478	58.293	nq	# 97
90) Benzo(a)pyrene	15.47	252	1371854	59.071	nq	# 94
91) Dibenzo(a,h)anthracene	17.04	278	1305805	71.279	nq	# 92
92) Benzo(g,h,i)perylene	17.47	276	1299851	72.285	nq	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

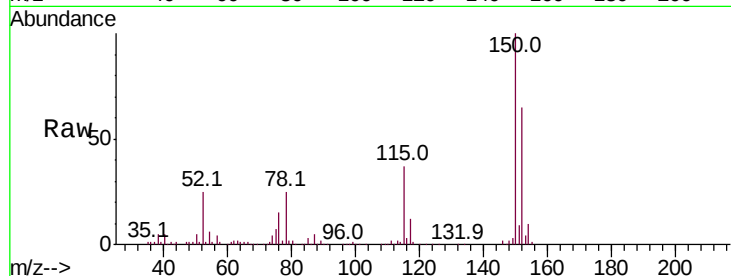


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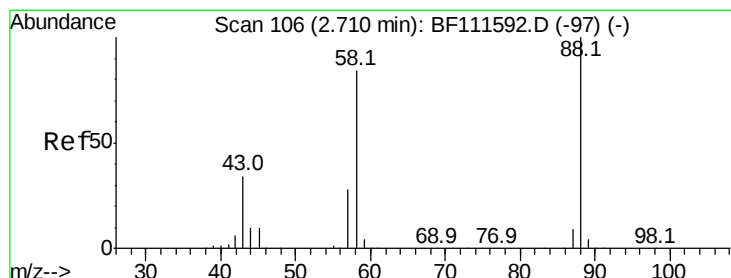
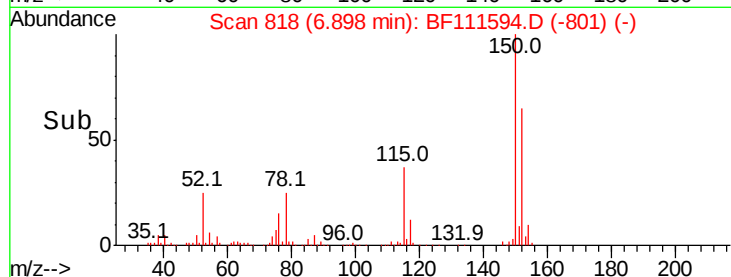
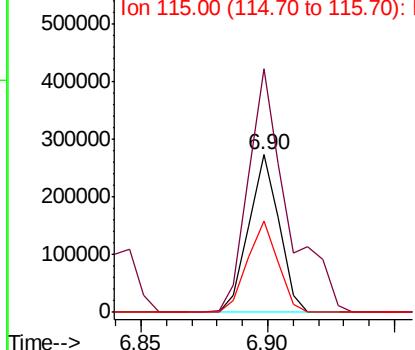
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 229113
Ion Ratio Lower Upper
152 100
150 154.6 126.6 189.8
115 58.0 50.7 76.1



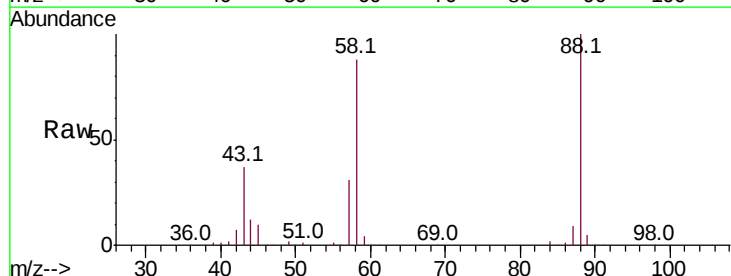
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



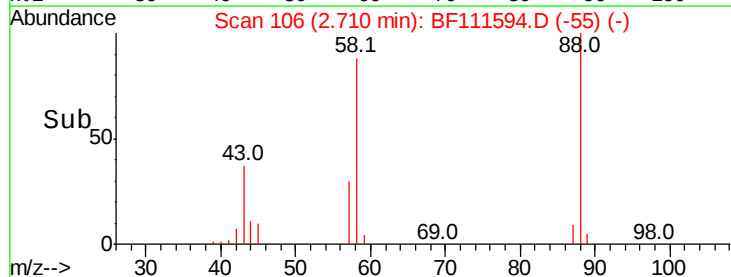
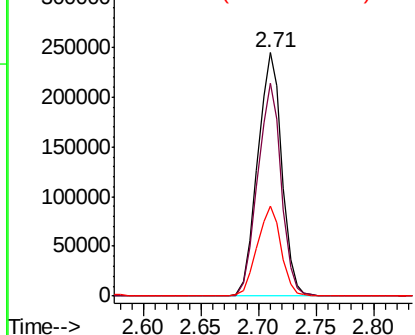
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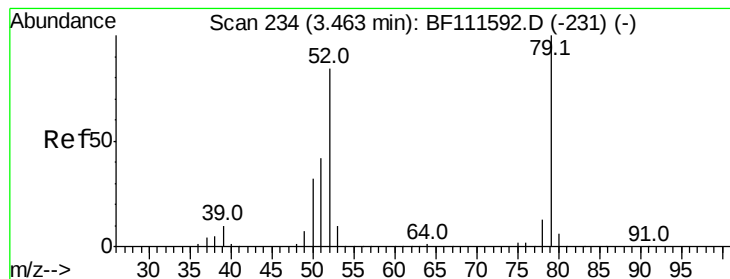
1,4-Dioxane
Concen: 54.157 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion: 88 Resp: 360132
Ion Ratio Lower Upper
88 100
58 85.1 68.9 103.3
43 35.9 25.8 38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 57.049 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

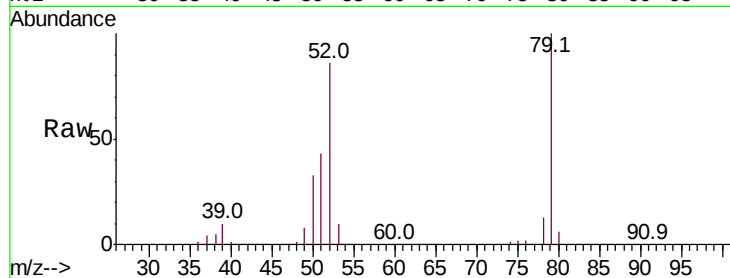
Tot Ion: 79 Resp: 952794

Ion Ratio Lower Upper

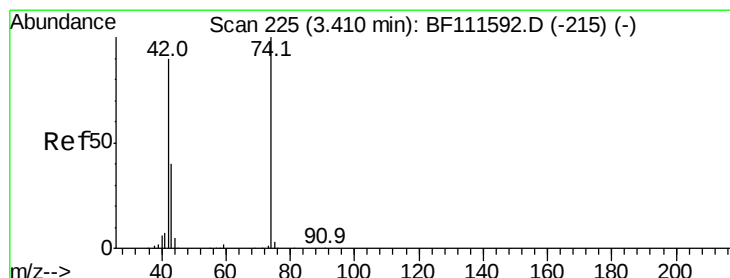
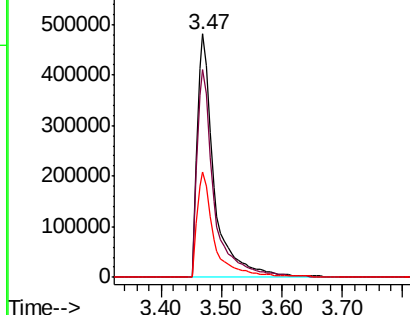
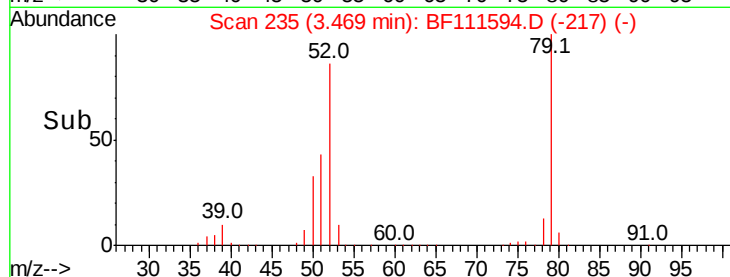
79 100

52 85.6 68.3 102.5

51 43.1 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 62.564 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

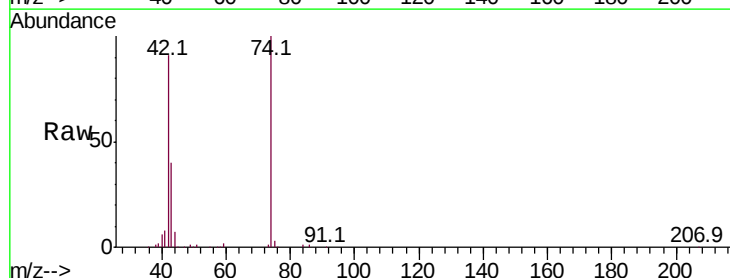
Tgt Ion: 42 Resp: 474617

Ion Ratio Lower Upper

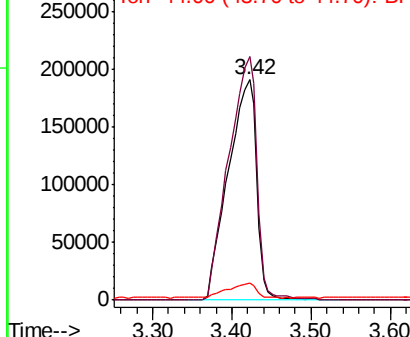
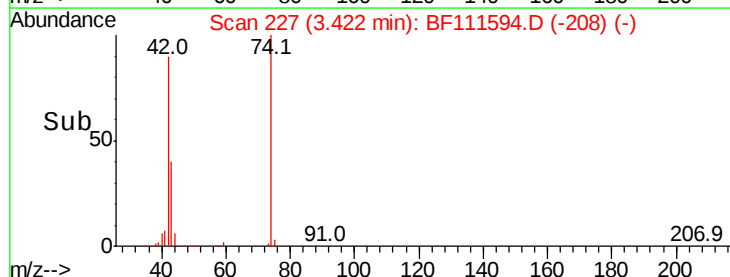
42 100

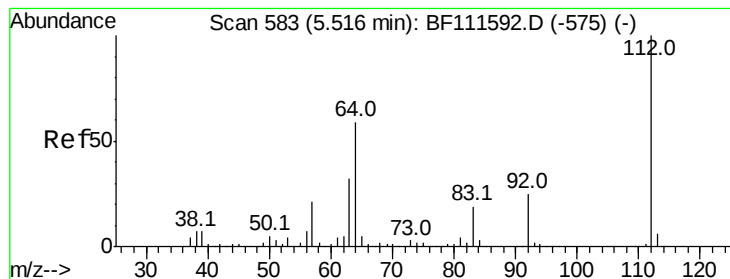
74 110.4 101.5 152.3

44 7.6 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.632 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

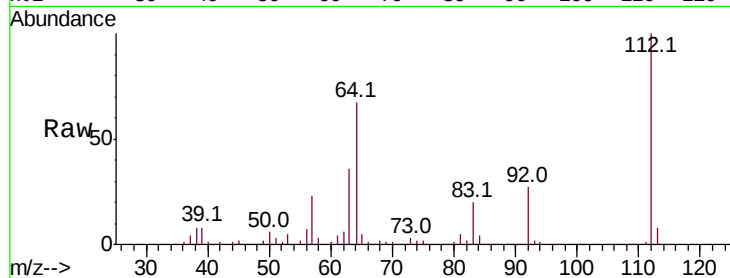
Tot Ion:112 Resp: 1495680

Ion Ratio Lower Upper

112 100

64 66.5 51.8 77.6

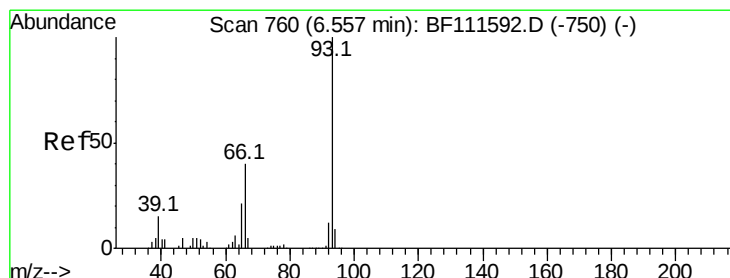
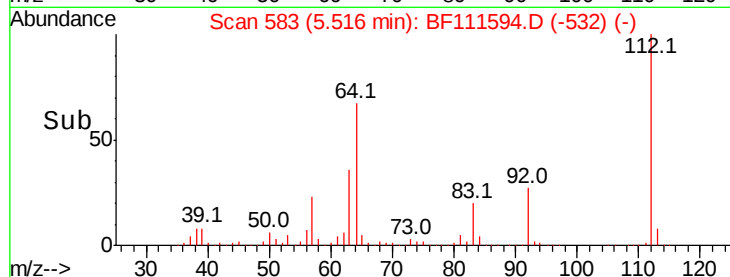
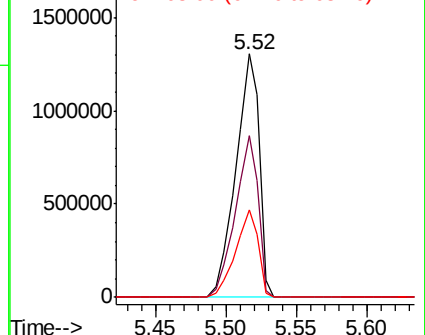
63 35.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 54.603 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

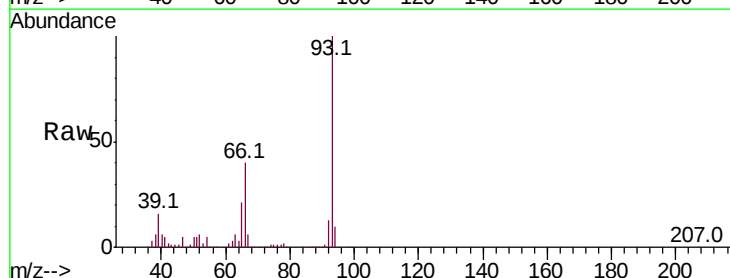
Tgt Ion: 93 Resp: 1240460

Ion Ratio Lower Upper

93 100

66 40.5 33.2 49.8

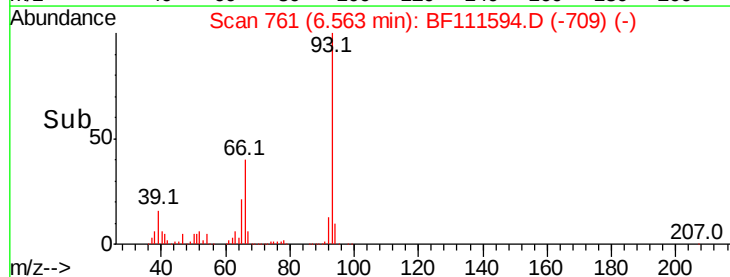
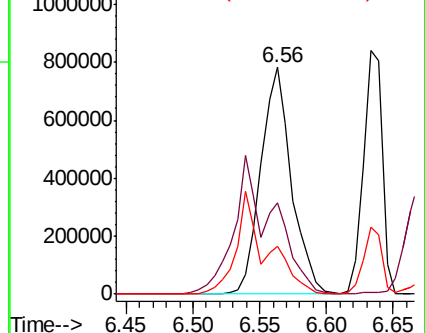
65 20.9 17.0 25.4

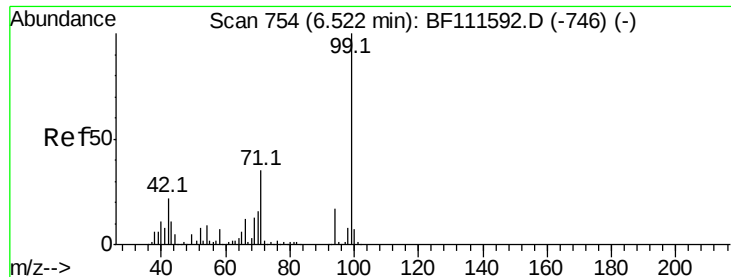


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.350 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

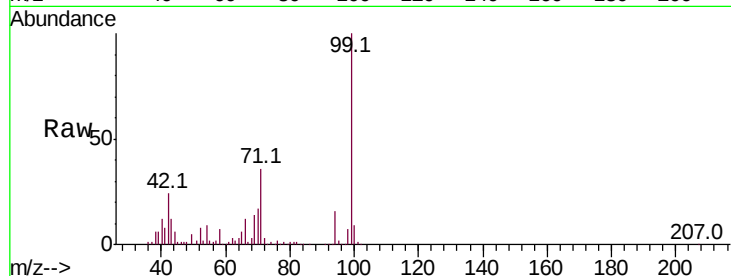
Tot Ion: 99 Resp: 1892779

Ion Ratio Lower Upper

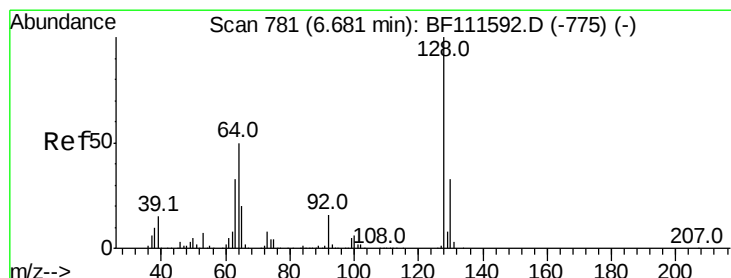
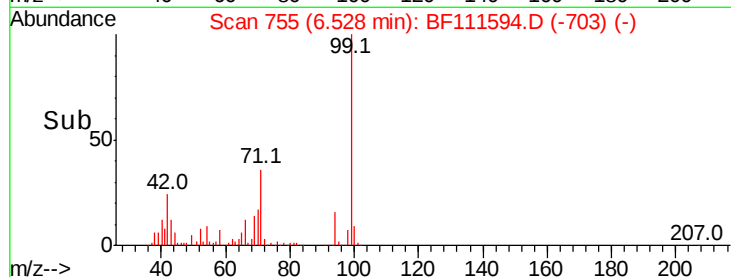
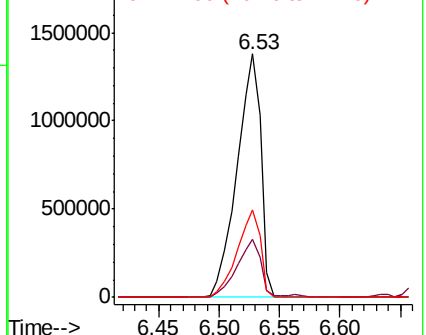
99 100

42 23.6 17.4 26.0

71 36.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.516 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

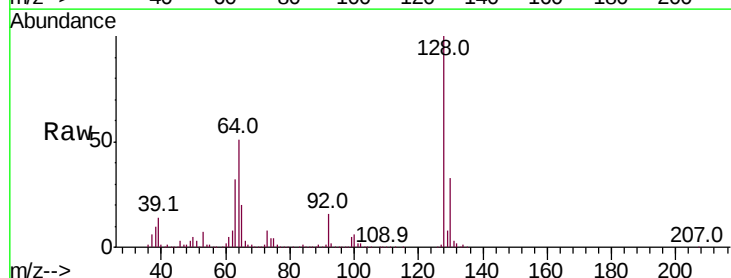
Tgt Ion:128 Resp: 831033

Ion Ratio Lower Upper

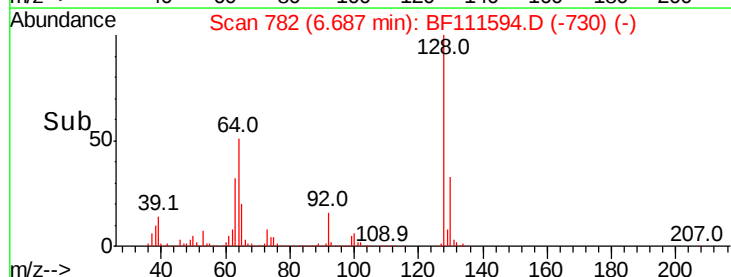
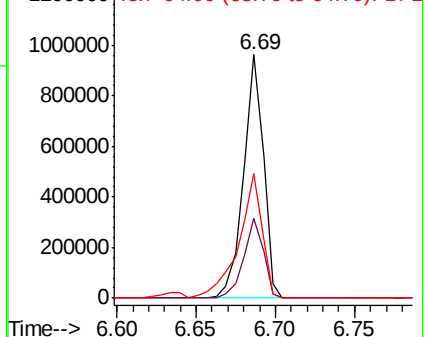
128 100

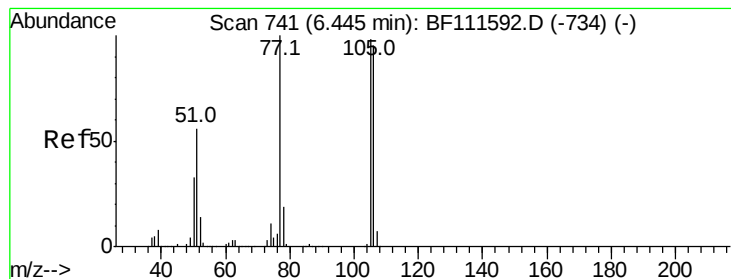
130 32.7 12.7 52.7

64 51.2 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.329 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

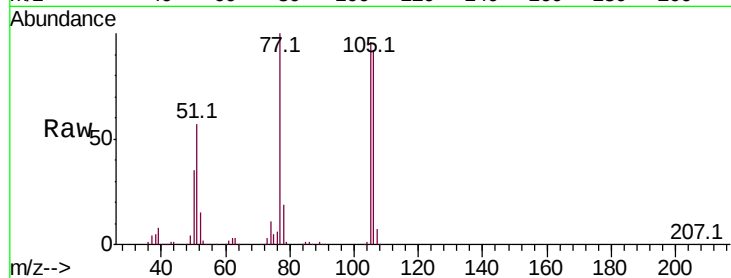
Tot Ion: 77 Resp: 614622

Ion Ratio Lower Upper

77 100

105 96.4 81.4 121.4

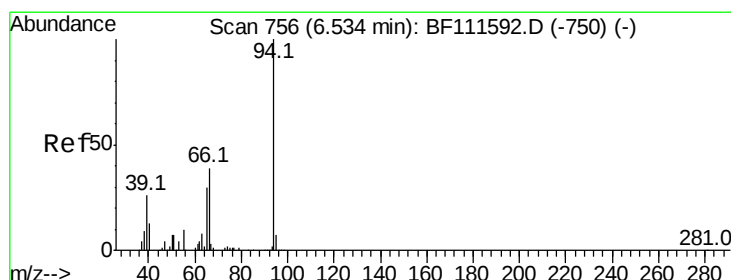
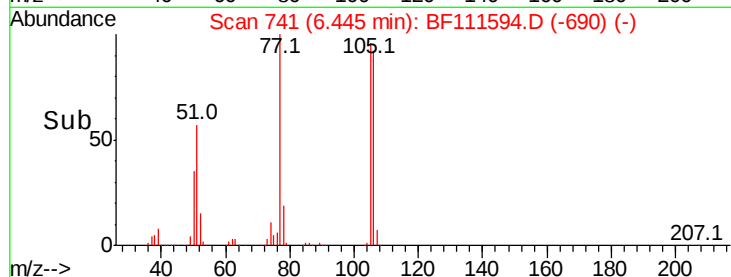
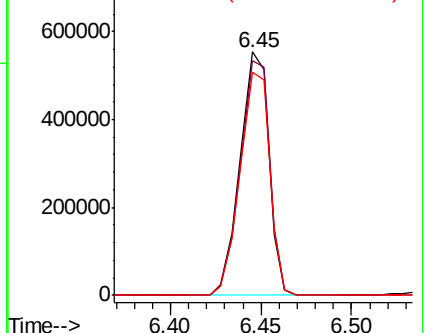
106 91.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 53.050 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

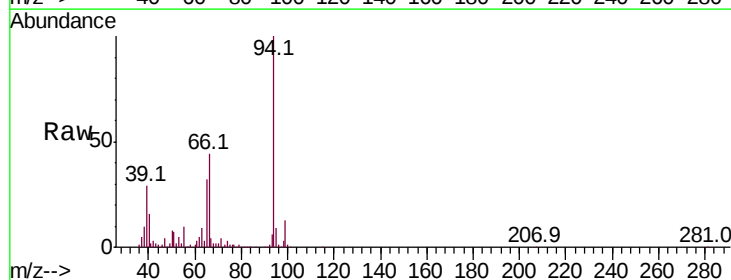
Tgt Ion: 94 Resp: 1082305

Ion Ratio Lower Upper

94 100

65 32.2 11.7 51.7

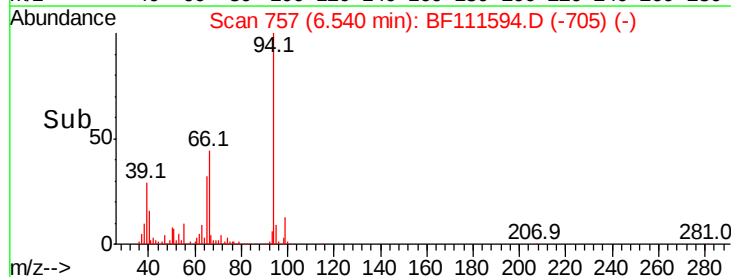
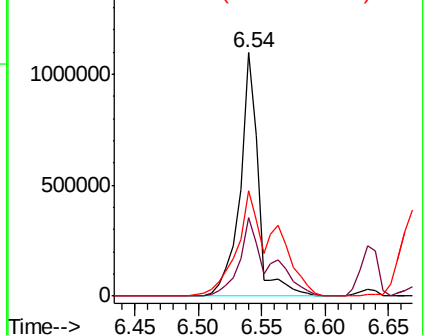
66 43.5 21.0 61.0

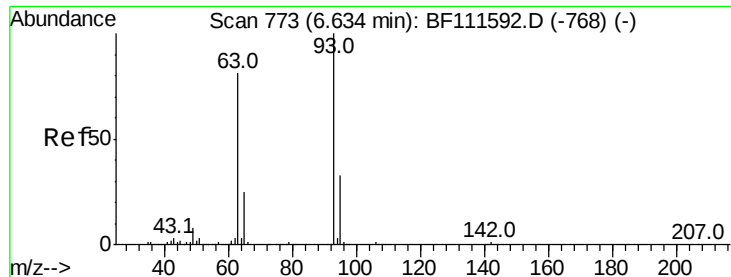


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 50.863 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

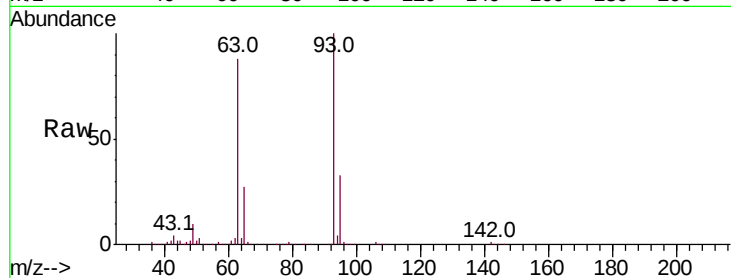
Tot Ion: 93 Resp: 813452

Ion Ratio Lower Upper

93 100

63 88.4 60.0 100.0

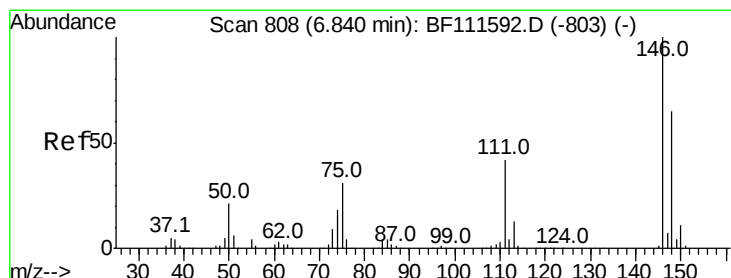
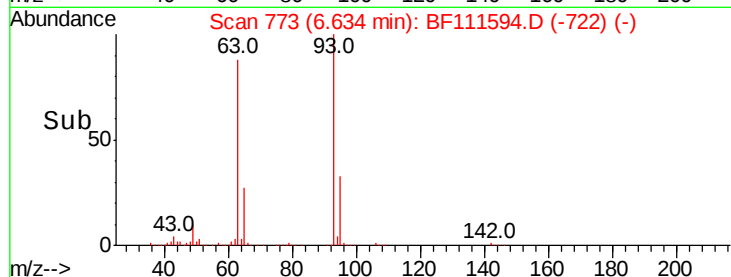
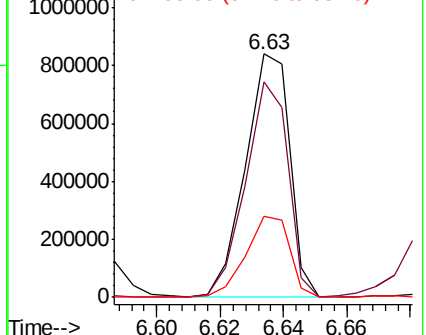
95 33.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 53.288 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

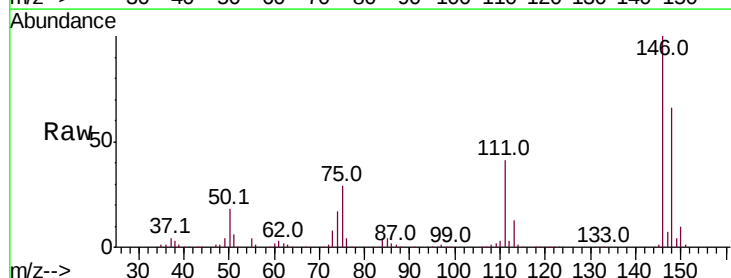
Tgt Ion: 146 Resp: 964985

Ion Ratio Lower Upper

146 100

148 66.0 52.1 78.1

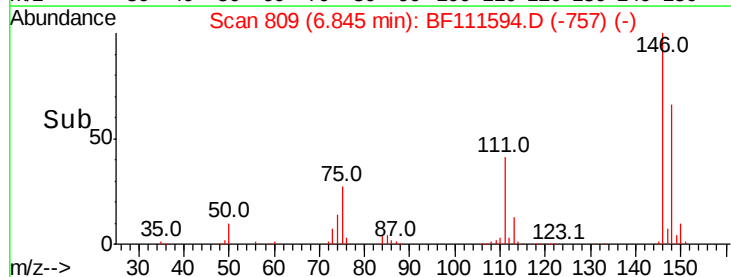
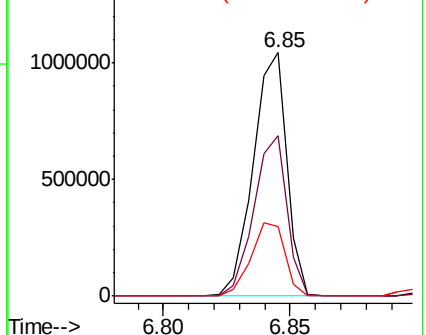
75 28.7 23.9 35.9

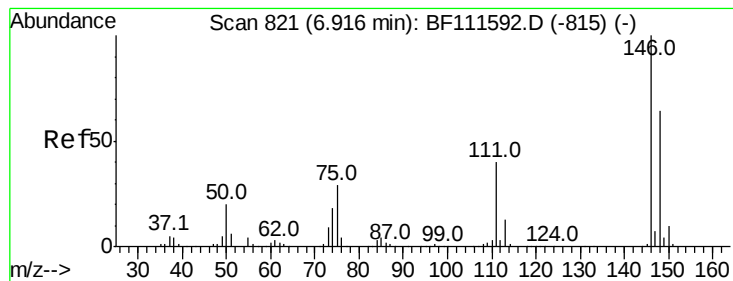


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 52.979 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampled :

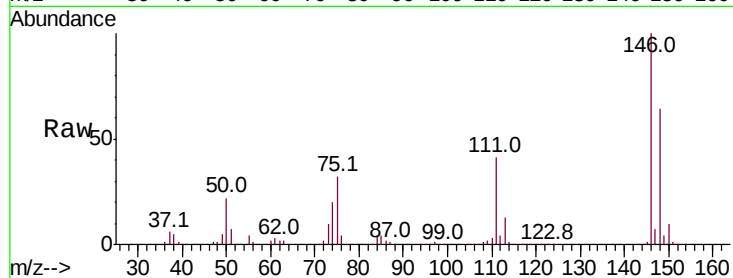
Tot Ion:146 Resp: 973807

Ion Ratio Lower Upper

146 100

148 64.5 52.8 79.2

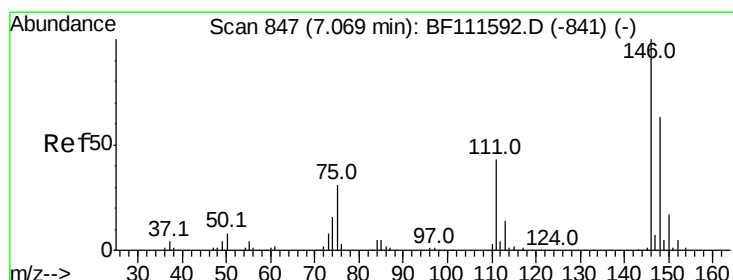
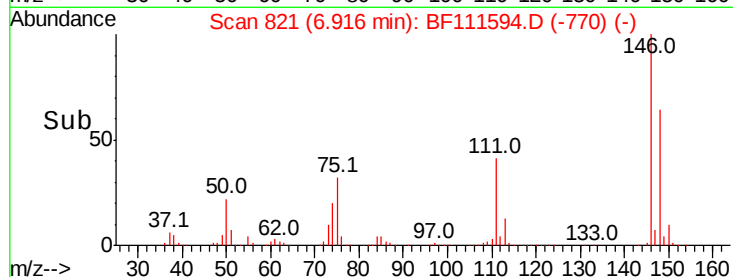
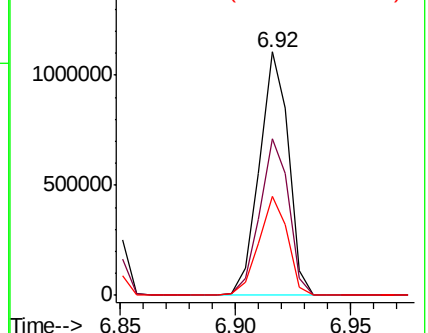
111 40.7 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.906 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

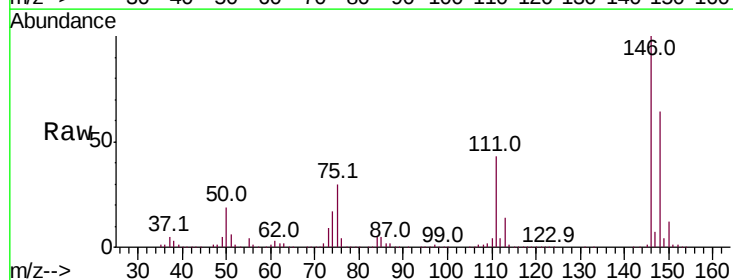
Tgt Ion:146 Resp: 897568

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

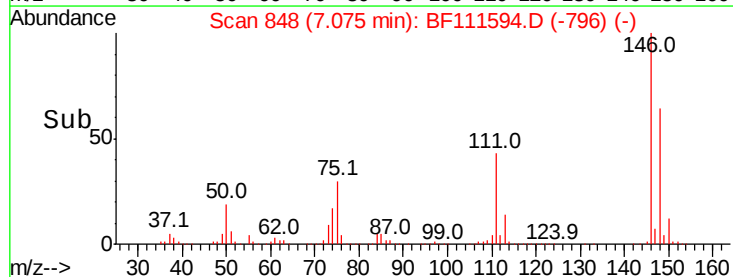
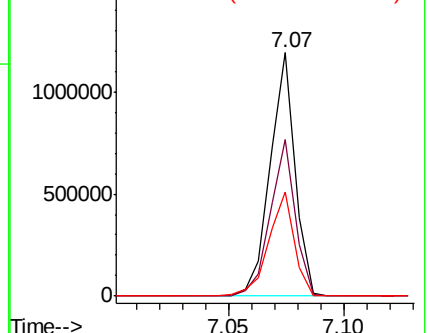
111 42.9 36.2 54.4

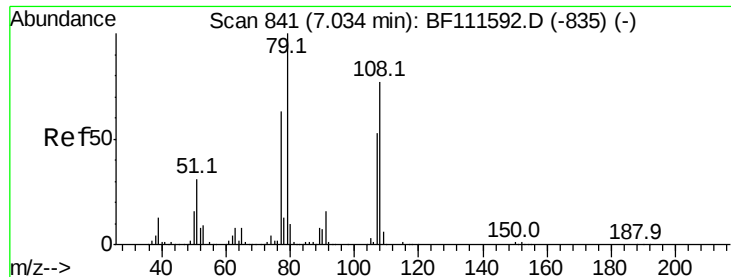


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.000 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

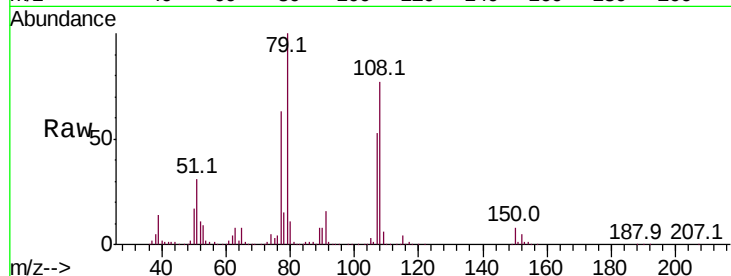
Tot Ion: 79 Resp: 766432

Ion Ratio Lower Upper

79 100

108 76.7 69.4 104.2

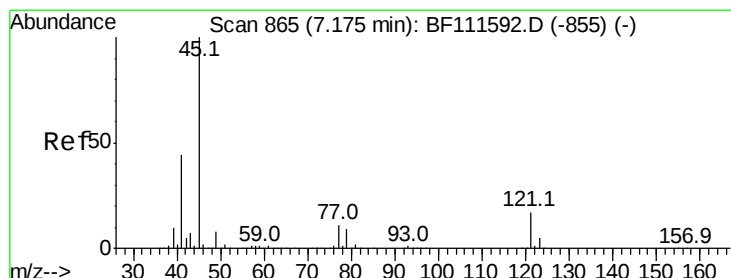
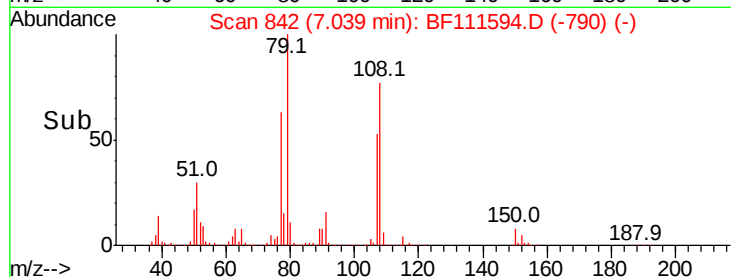
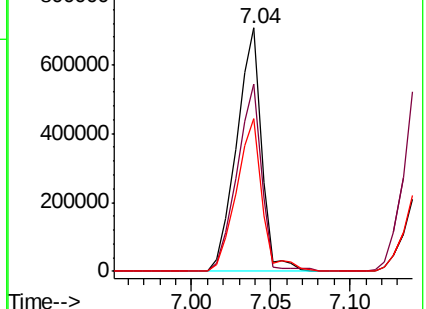
77 62.7 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.204 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

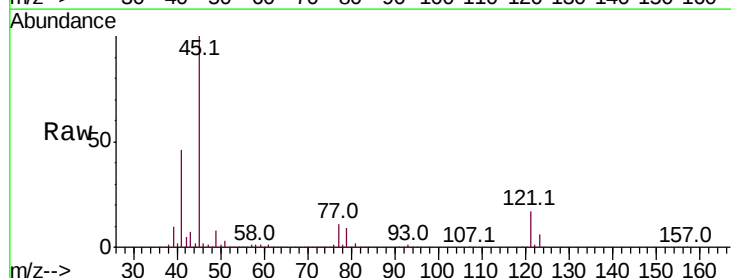
Tgt Ion: 45 Resp: 1474022

Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.5

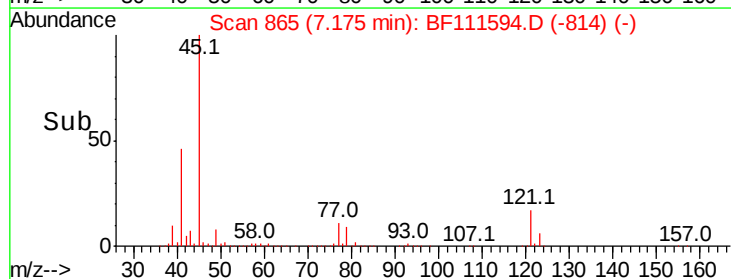
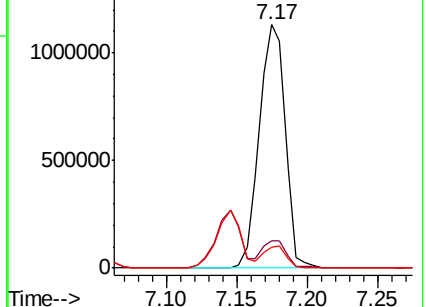
79 8.8 0.0 28.9

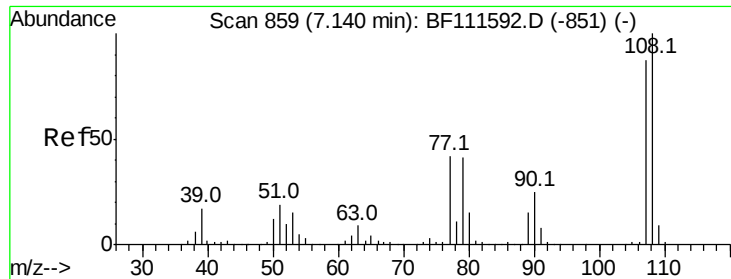


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

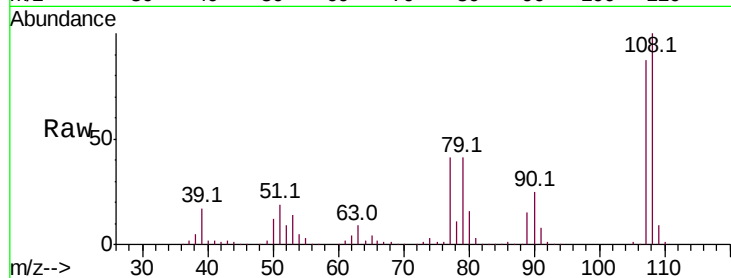




#17
2-Methylphenol
Concen: 50.982 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.0	136.4
77	47.4	33.5	50.3
79	47.3	33.3	49.9



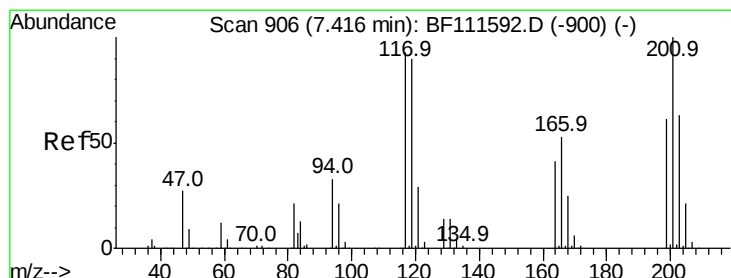
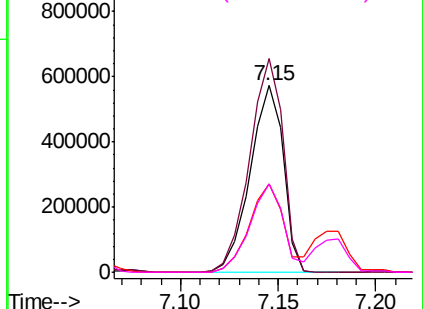
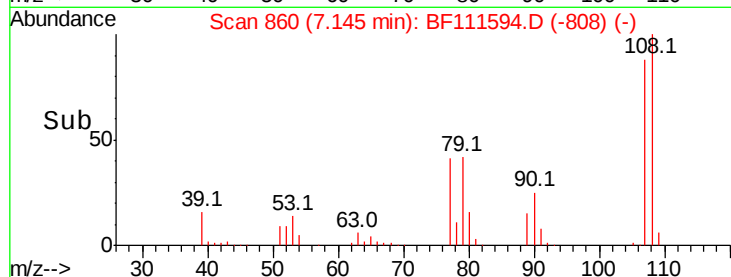
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

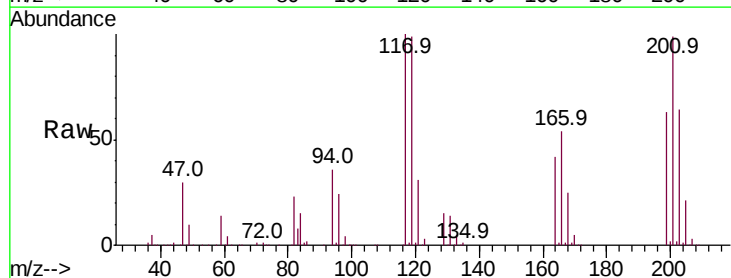
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 49.105 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.4	113.0
201	98.8	62.4	93.6

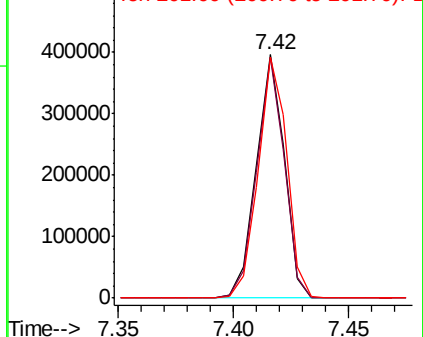
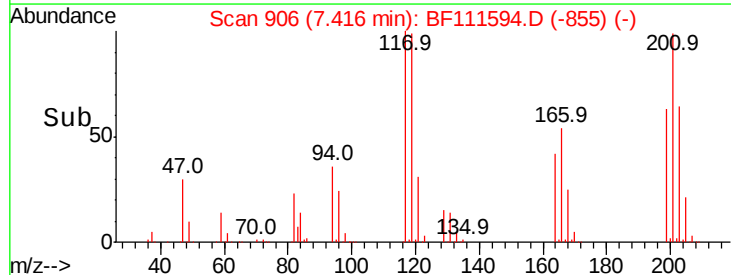


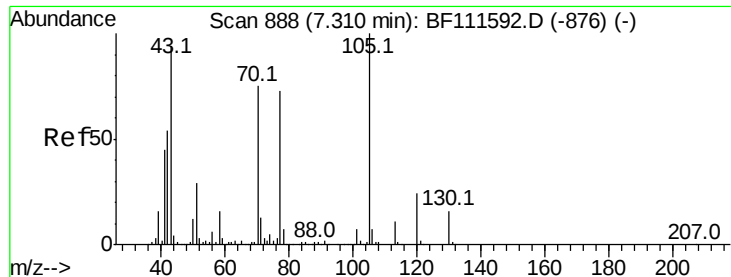
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

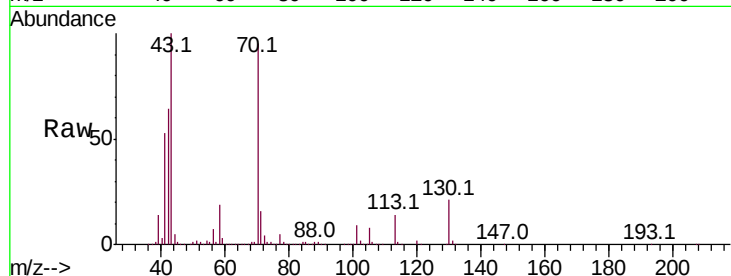




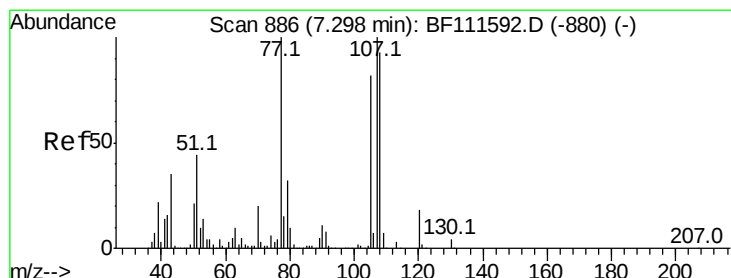
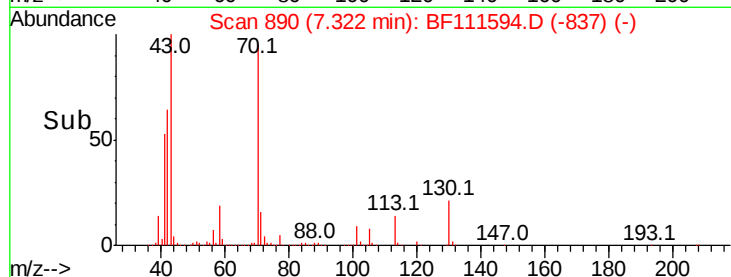
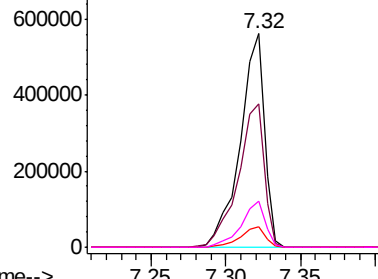
#19
n-Nitroso-di-n-propylamine
Concen: 52.328 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 632269
Ion Ratio Lower Upper
70 100
42 67.4 53.2 79.8
101 9.7 8.2 12.4
130 21.9 18.1 27.1



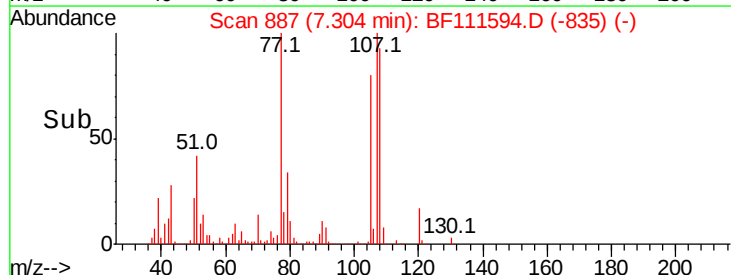
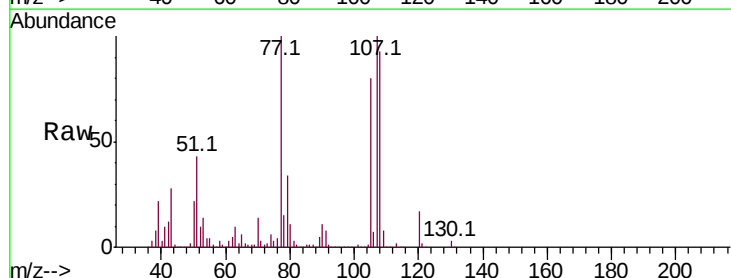
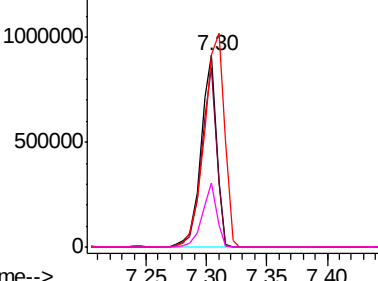
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

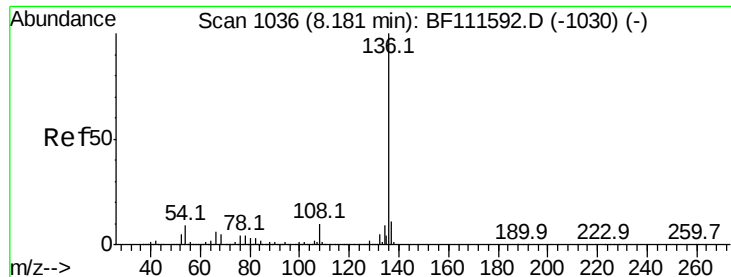


#20
3+4-Methylphenols
Concen: 49.342 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:107 Resp: 819449
Ion Ratio Lower Upper
107 100
108 93.2 72.1 112.1
77 100.1 94.1 134.1
79 33.5 9.8 49.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 809920

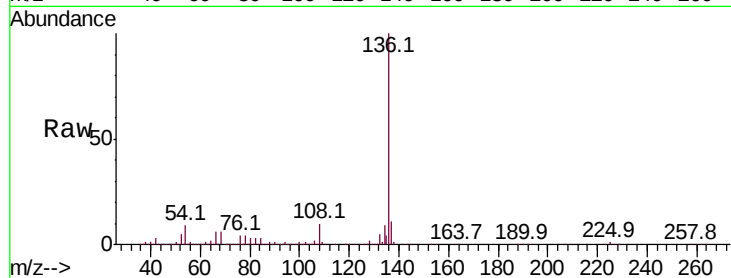
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.3 7.7 11.5

68 6.0 4.9 7.3

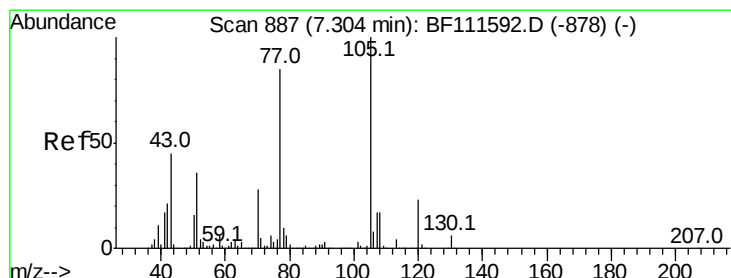
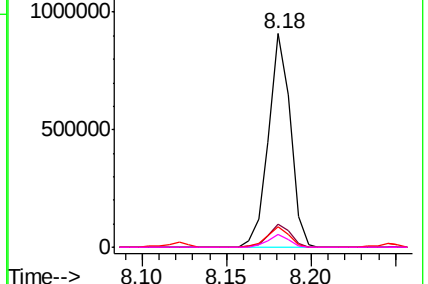
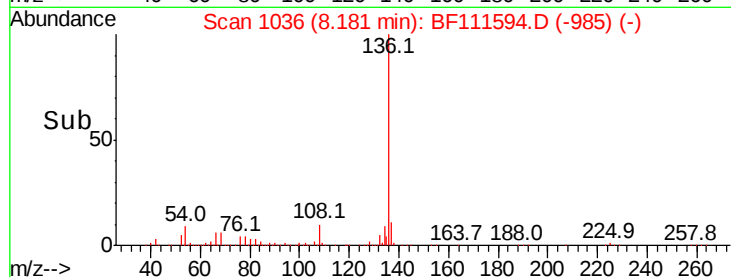


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 63.400 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Tgt Ion:105 Resp: 1146283

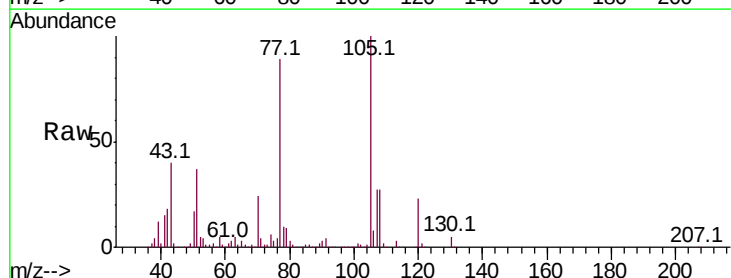
Ion Ratio Lower Upper

105 100

71 4.1 3.1 4.7

51 37.0 36.6 54.8

120 23.0 18.2 27.4

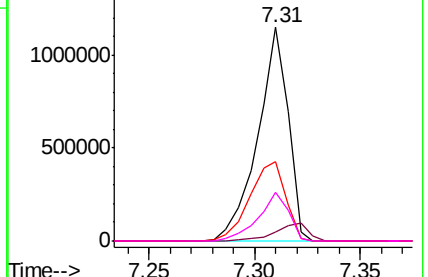
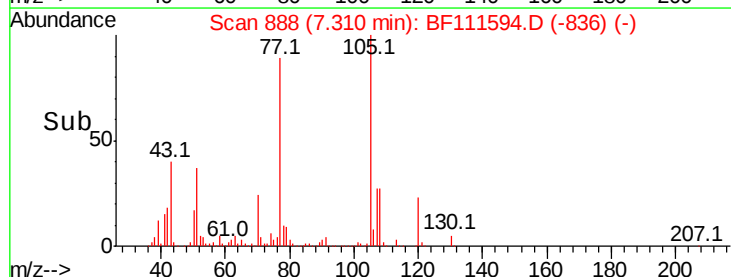


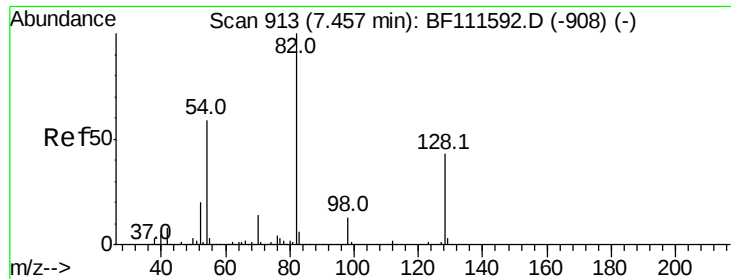
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

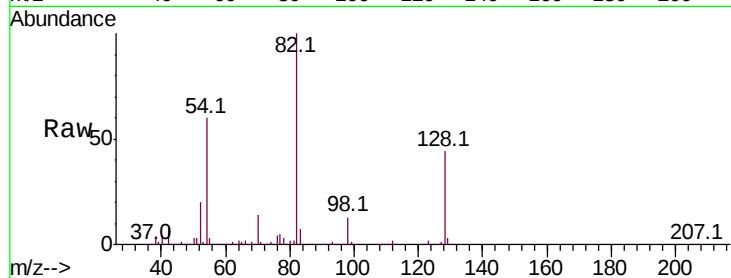




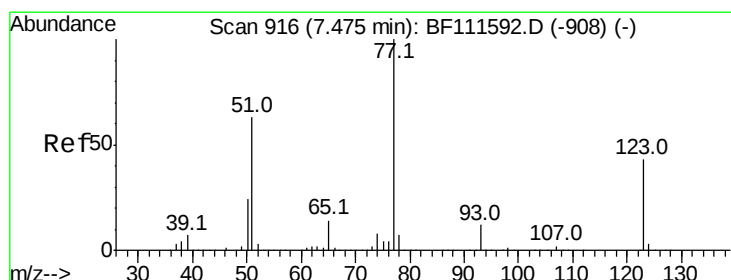
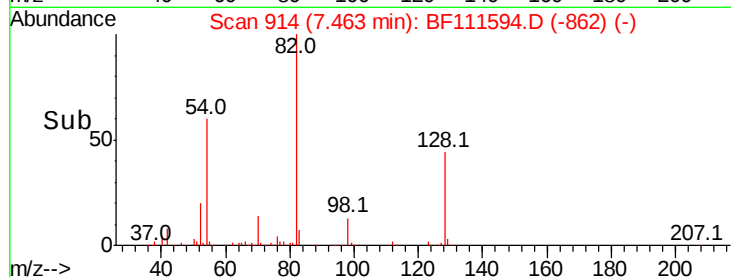
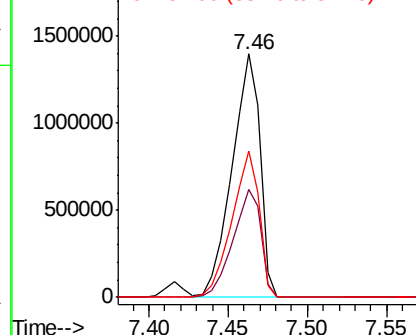
#23
 Nitrobenzene-d5
 Concen: 125.171 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1702453
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.4 56.2
 54 60.1 47.6 71.4

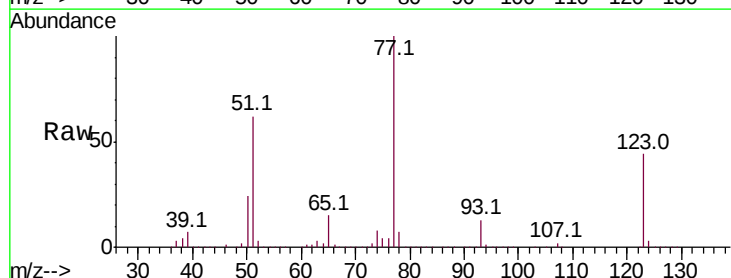


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

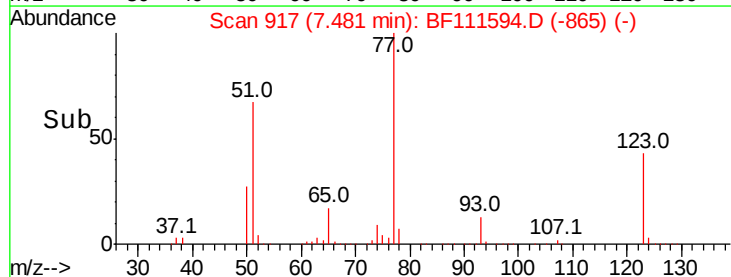
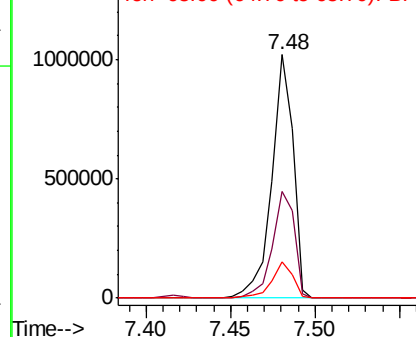


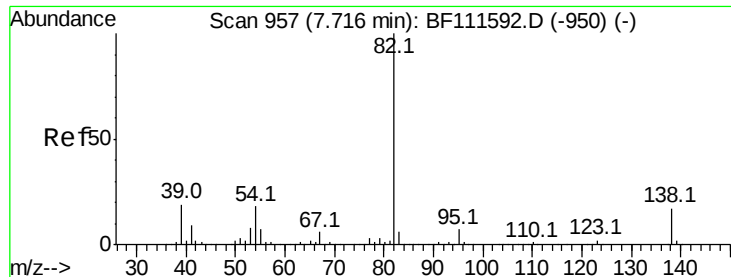
#24
 Nitrobenzene
 Concen: 63.811 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Tgt Ion: 77 Resp: 885340
 Ion Ratio Lower Upper
 77 100
 123 43.7 37.2 55.8
 65 15.0 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 62.082 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampled :

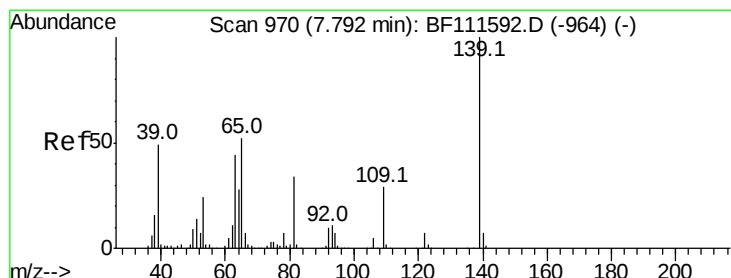
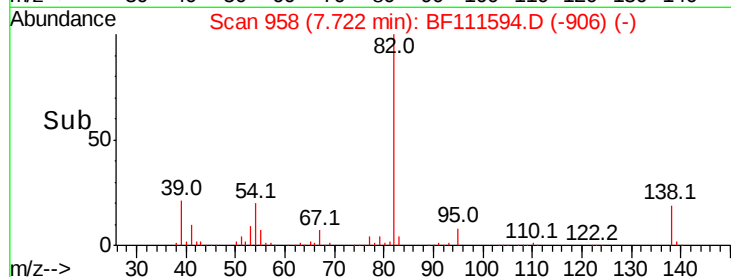
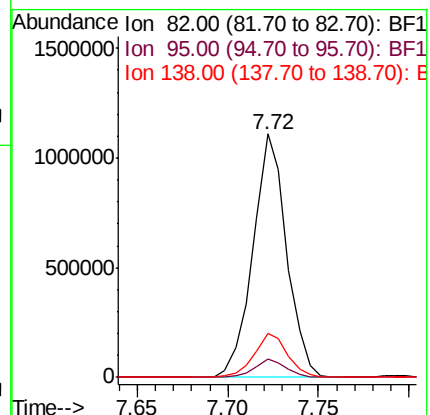
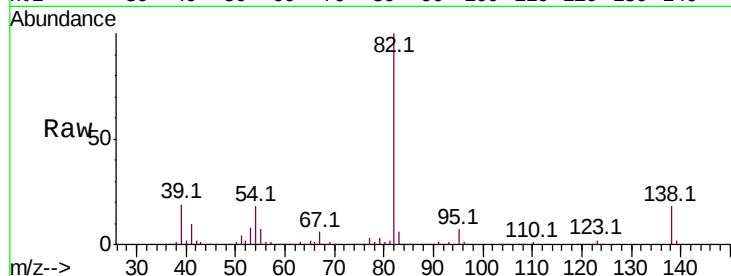
Tot Ion: 82 Resp: 1428695

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 17.9 15.1 22.7



#26

2-Nitrophenol

Concen: 54.212 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

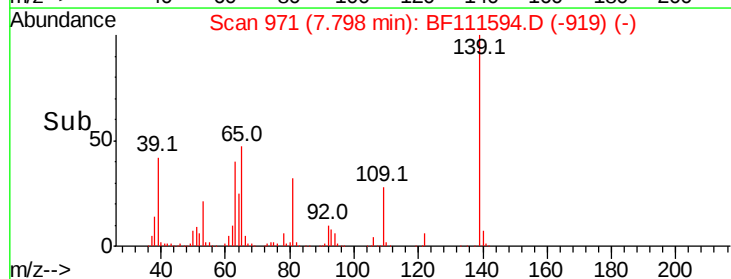
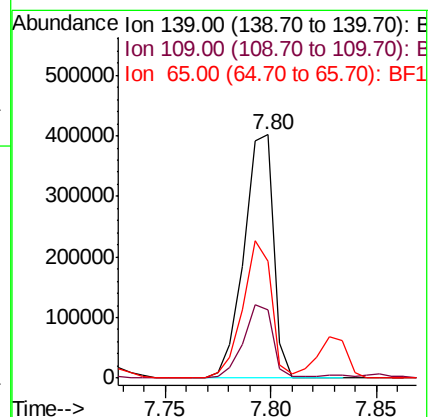
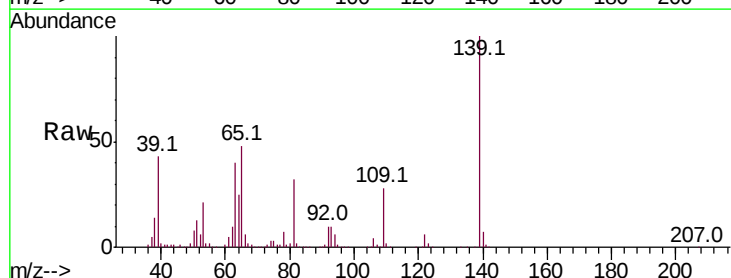
Tgt Ion: 139 Resp: 390074

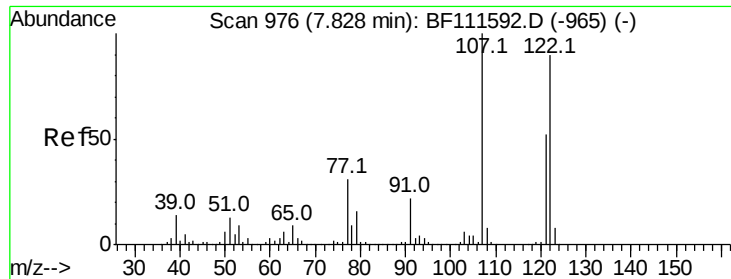
Ion Ratio Lower Upper

139 100

109 28.2 20.2 30.4

65 48.2 40.7 61.1

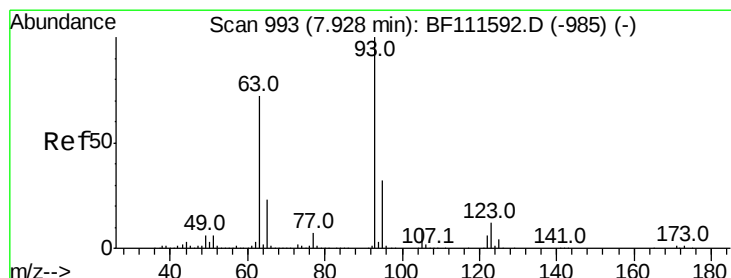
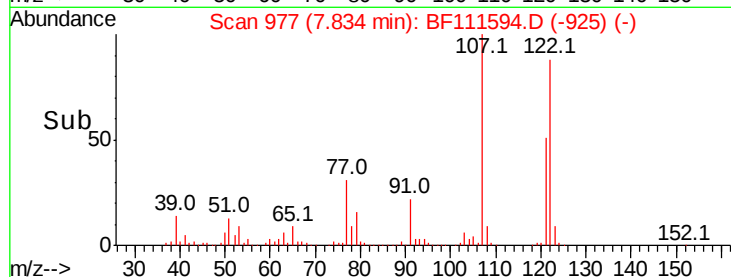
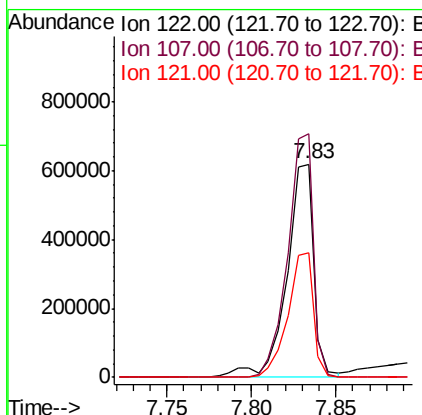
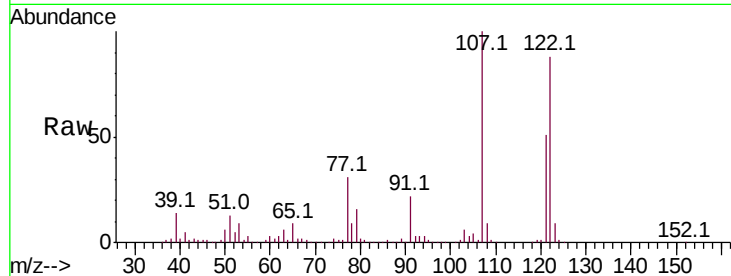




#27
 2,4-Dimethylphenol
 Concen: 65.755 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

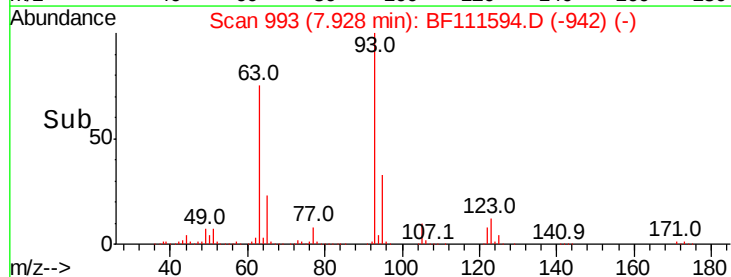
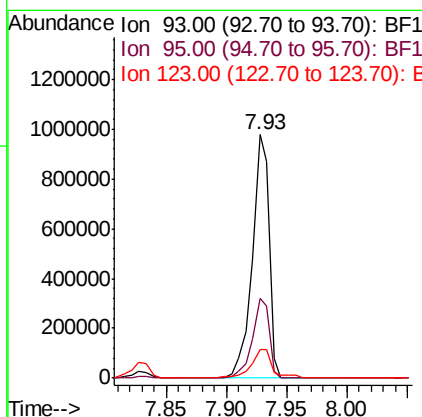
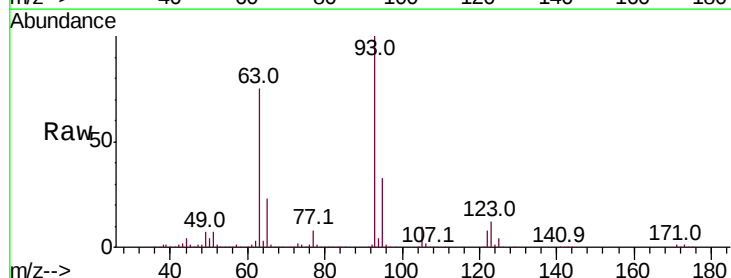
Instrument :
 BNA_F
 ClientSampled :

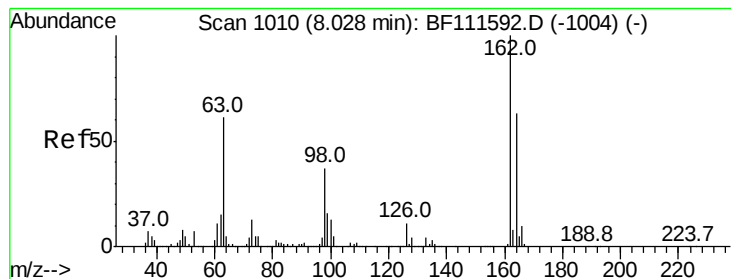
Tot Ion:122 Resp: 685908
 Ion Ratio Lower Upper
 122 100
 107 114.2 85.5 128.3
 121 58.2 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.933 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Tgt Ion: 93 Resp: 952155
 Ion Ratio Lower Upper
 93 100
 95 32.6 27.1 40.7
 123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 64.779 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampled :

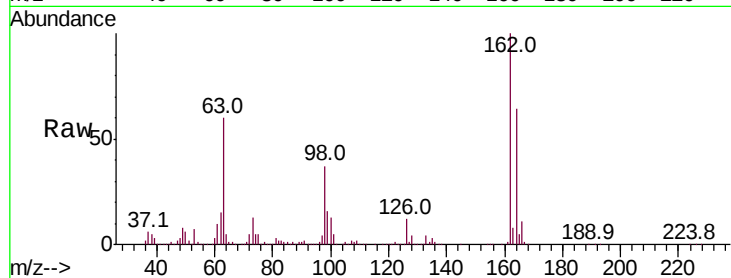
Tot Ion:162 Resp: 721340

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

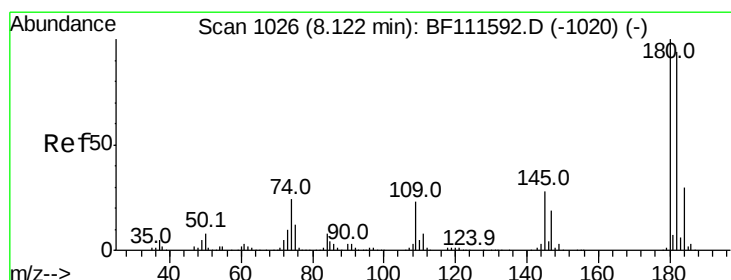
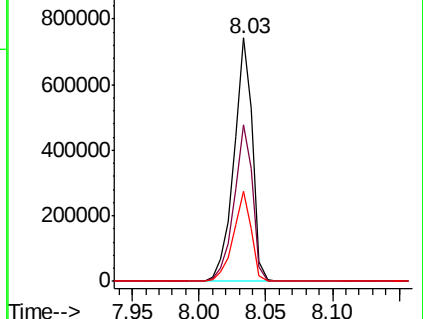
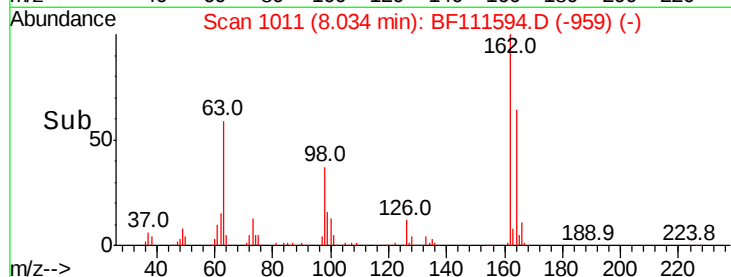
98 36.9 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 68.931 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

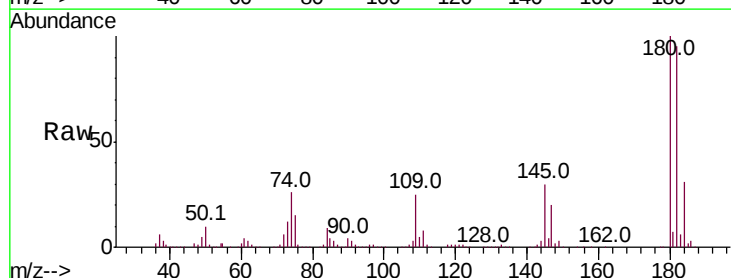
Tgt Ion:180 Resp: 803519

Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

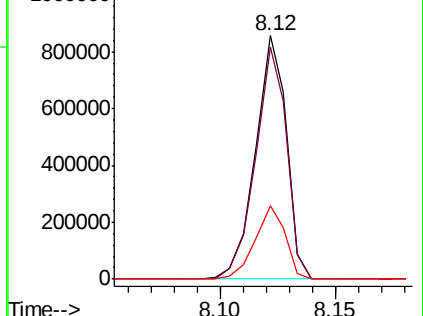
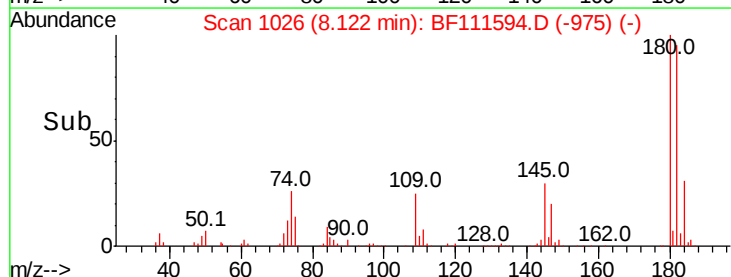
145 30.3 26.7 40.1

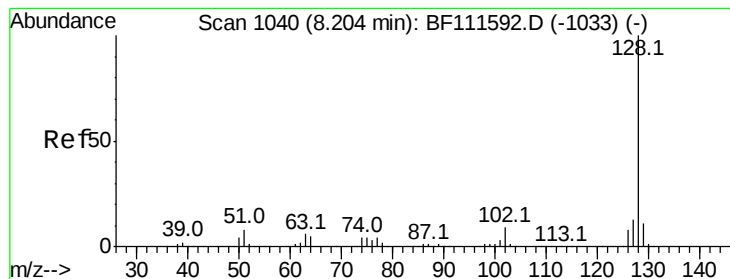


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.480 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

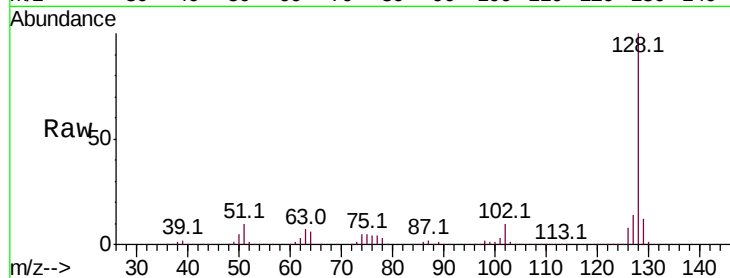
Tot Ion:128 Resp: 2177439

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

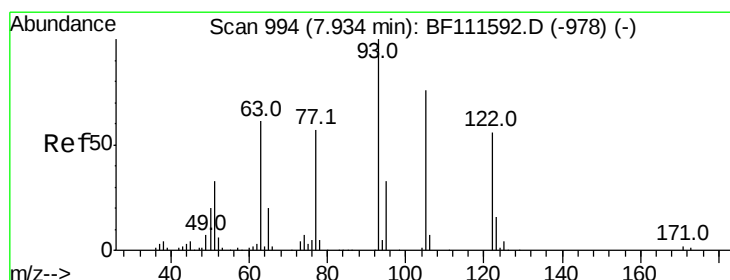
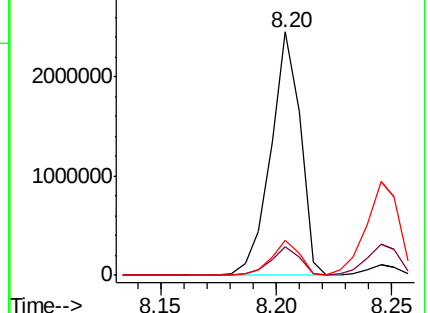
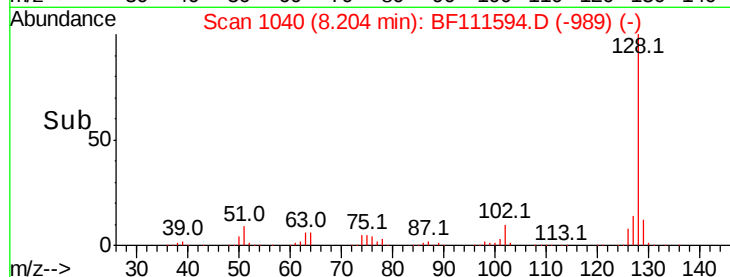
127 14.2 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.644 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

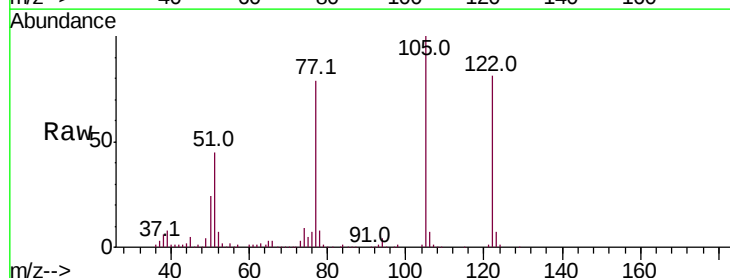
Tgt Ion:122 Resp: 357351

Ion Ratio Lower Upper

122 100

105 123.7 97.0 137.0

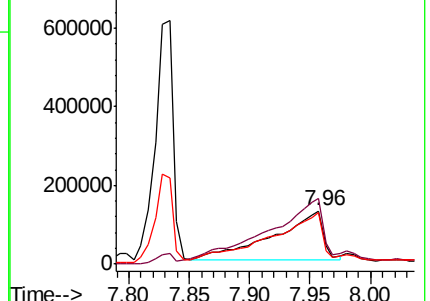
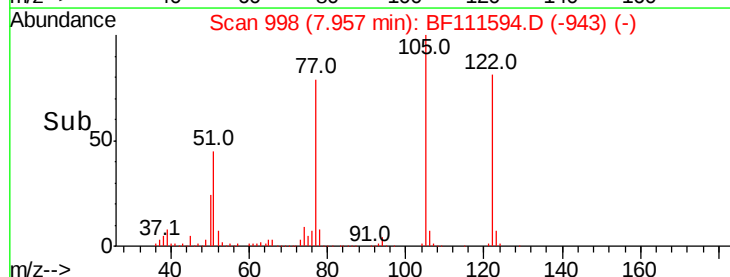
77 97.7 65.7 105.7

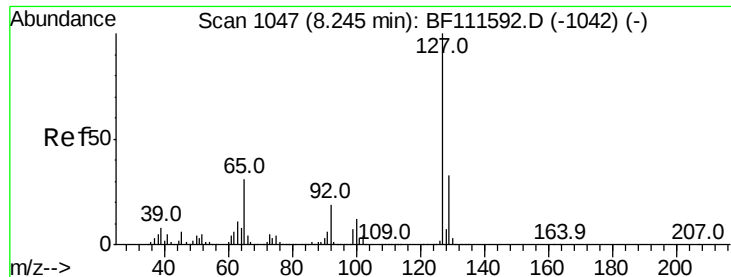


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

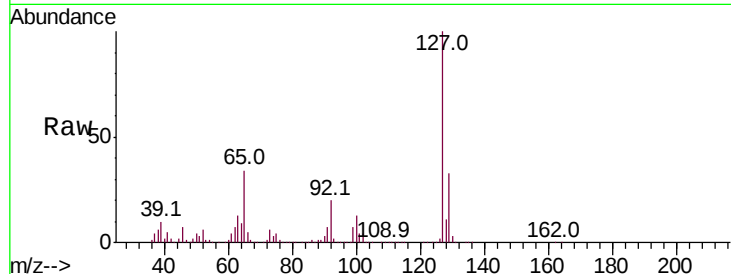




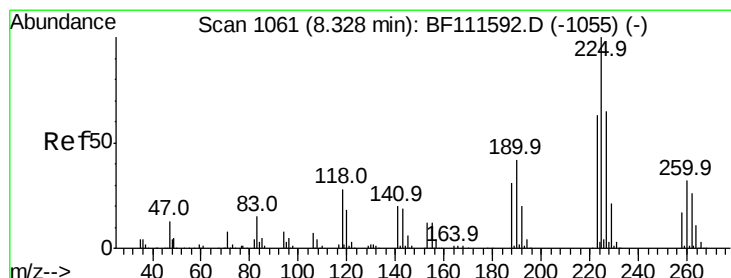
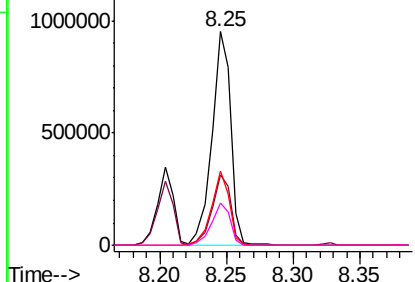
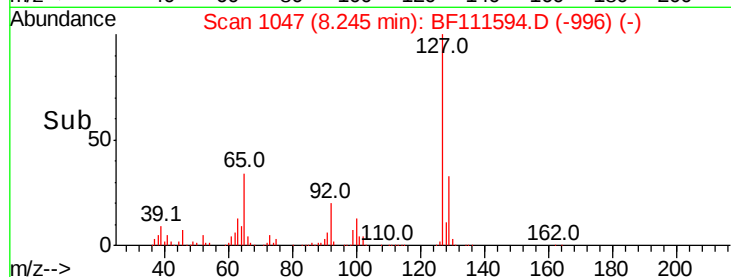
#33
4-Chloroaniline
Concen: 56.056 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleID :

Tot Ion:	127	Resp:	944268
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	34.5	25.7	38.5
92	19.9	15.4	23.2

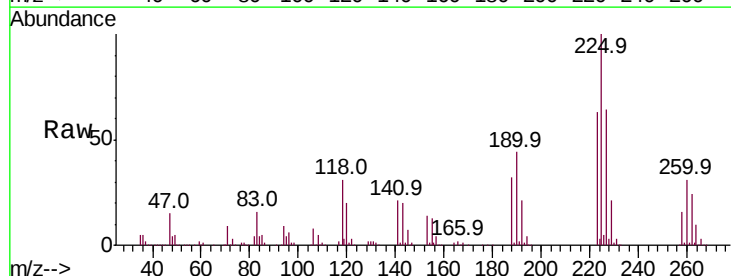


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

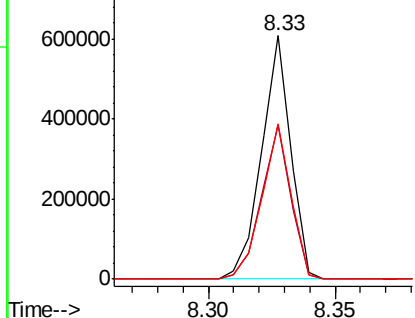
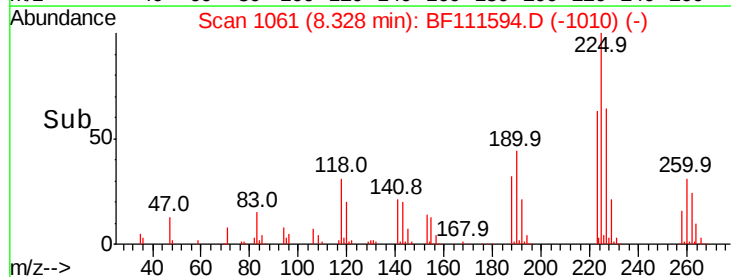


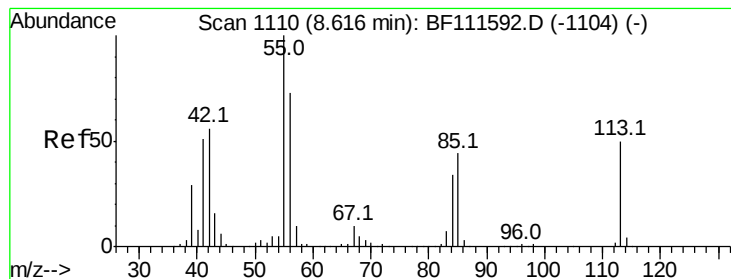
#34
Hexachlorobutadiene
Concen: 75.709 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:	225	Resp:	486218
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	63.6	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 57.805 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

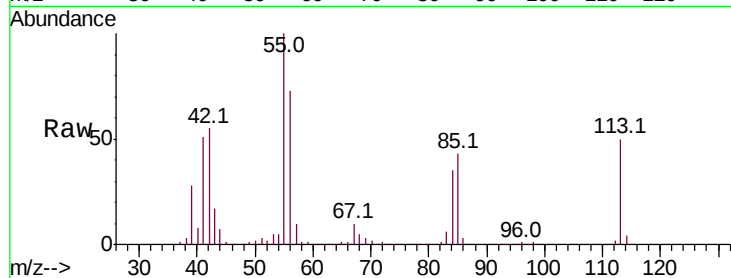
Tot Ion:113 Resp: 238984

Ion Ratio Lower Upper

113 100

55 201.9 184.1 224.1

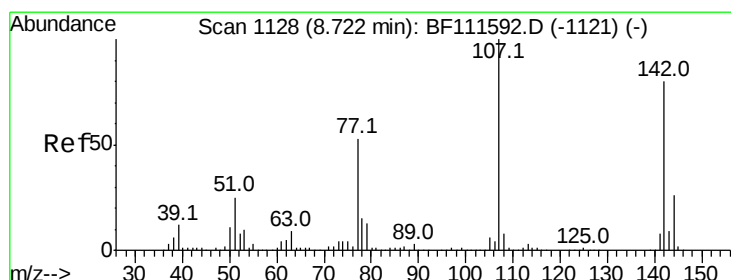
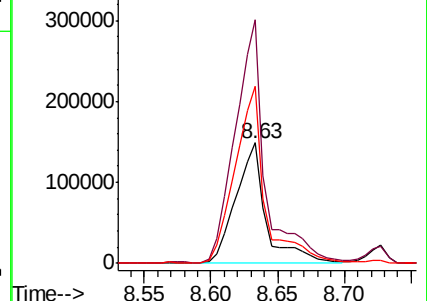
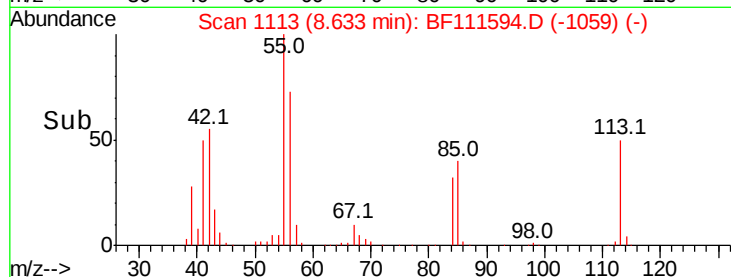
56 146.5 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 57.684 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

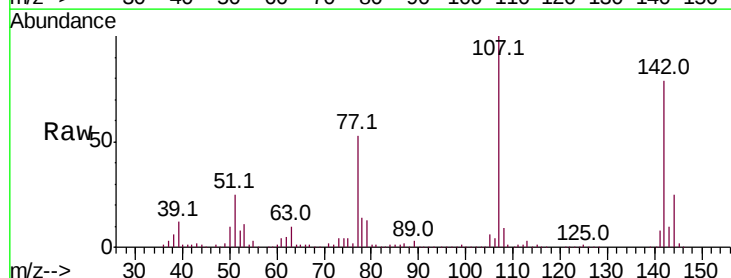
Tgt Ion:107 Resp: 707032

Ion Ratio Lower Upper

107 100

144 25.2 19.8 29.6

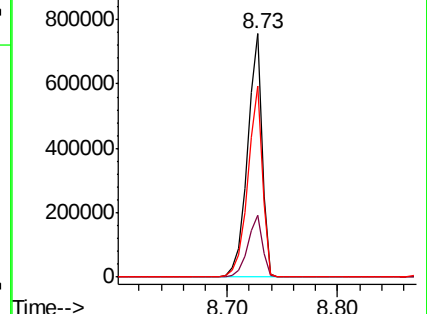
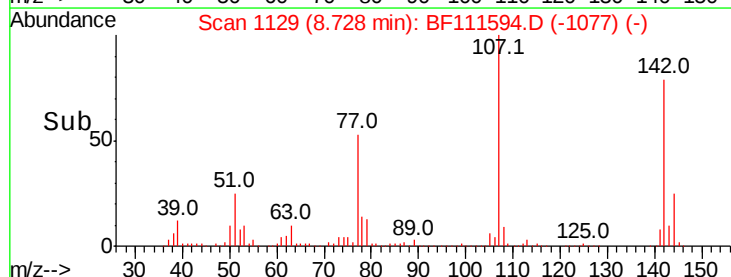
142 78.5 62.3 93.5

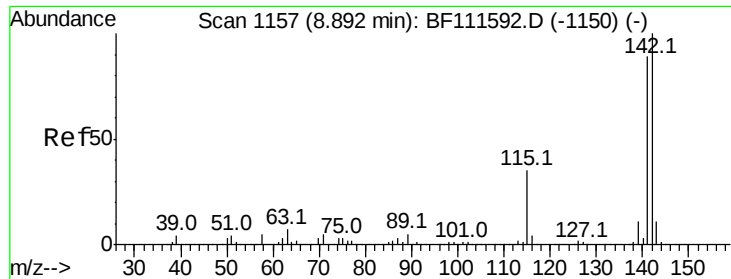


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

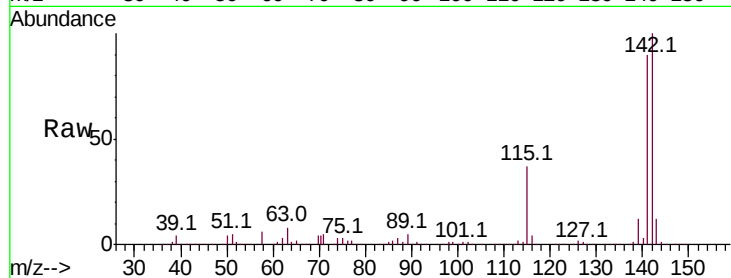




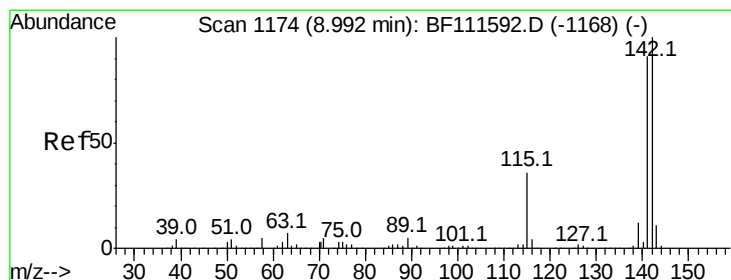
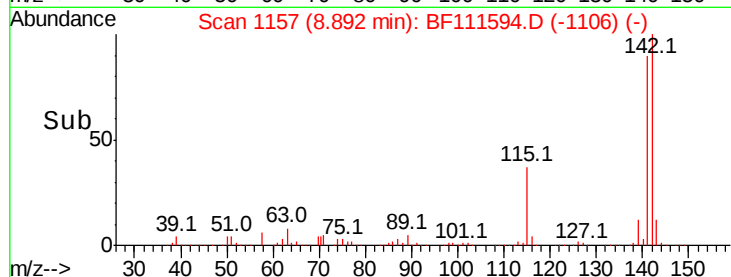
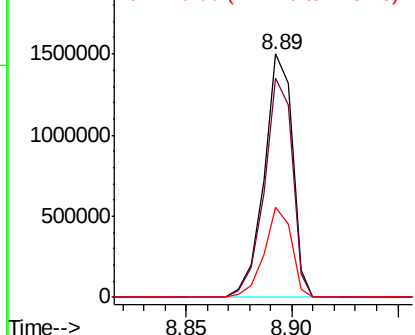
#37
2-Methylnaphthalene
Concen: 54.577 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1399003
Ion Ratio Lower Upper
142 100
141 89.8 70.6 105.8
115 36.7 27.0 40.6

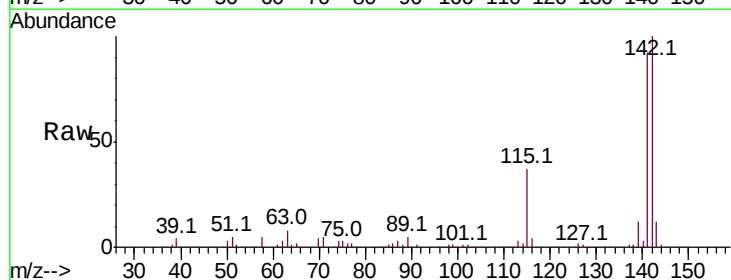


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

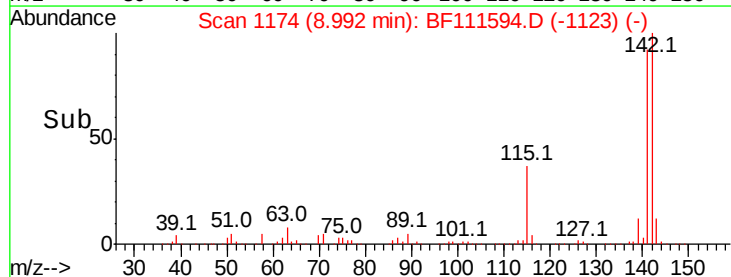
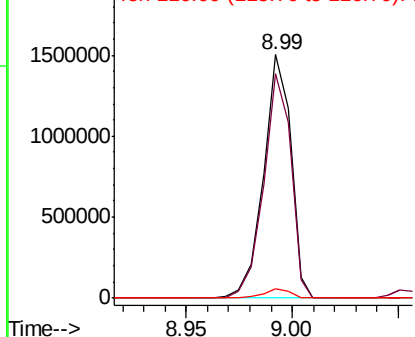


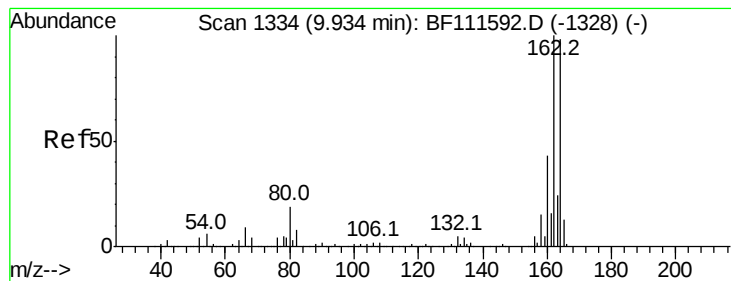
#38
1-Methylnaphthalene
Concen: 54.773 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:142 Resp: 1356410
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4
116 4.0 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

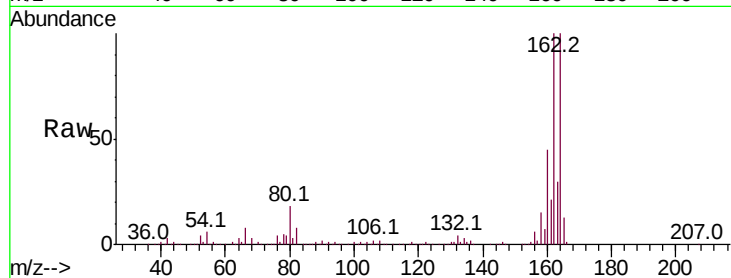
Tot Ion:164 Resp: 399822

Ion Ratio Lower Upper

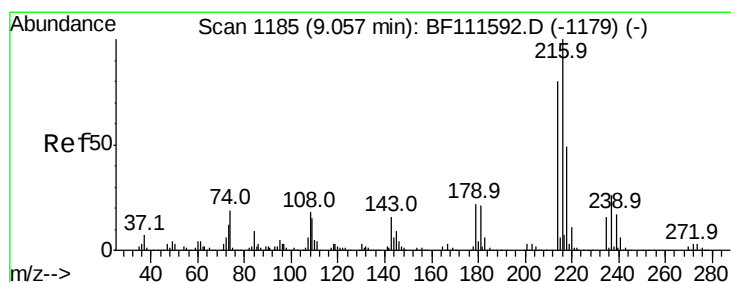
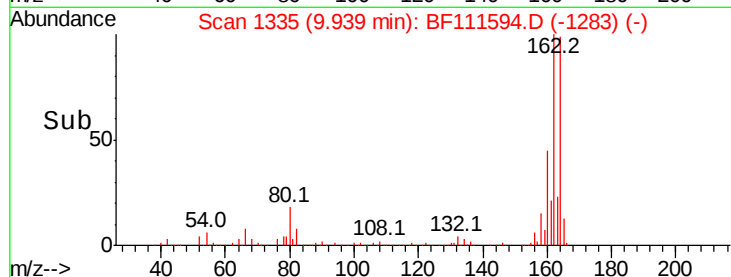
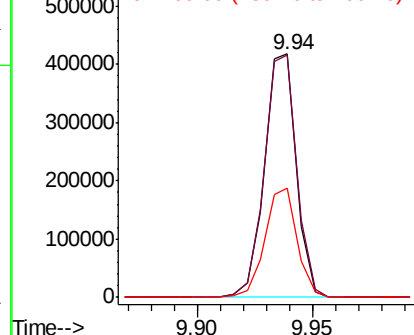
164 100

162 99.8 81.4 122.0

160 45.0 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 66.876 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Tgt Ion:216 Resp: 733276

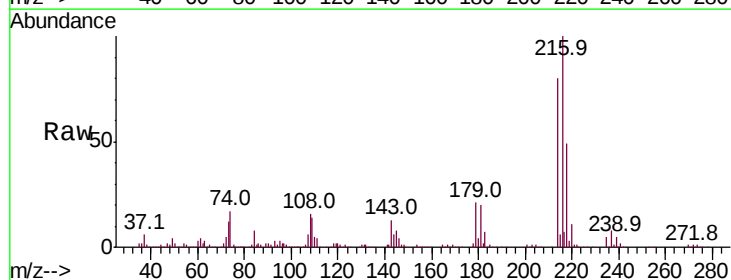
Ion Ratio Lower Upper

216 100

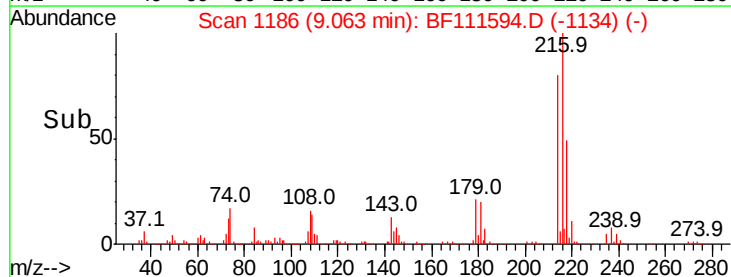
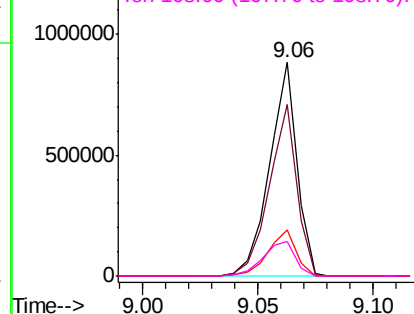
214 80.9 63.8 95.8

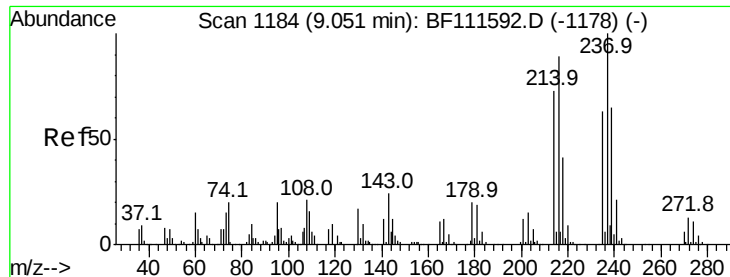
179 21.6 17.9 26.9

108 18.6 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.905 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

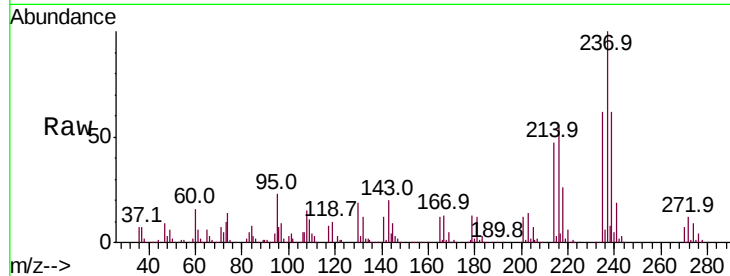
Tot Ion:237 Resp: 376639

Ion Ratio Lower Upper

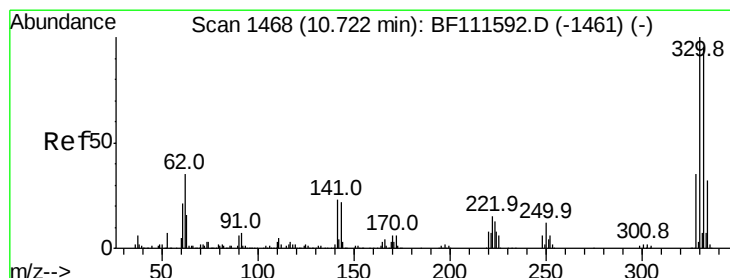
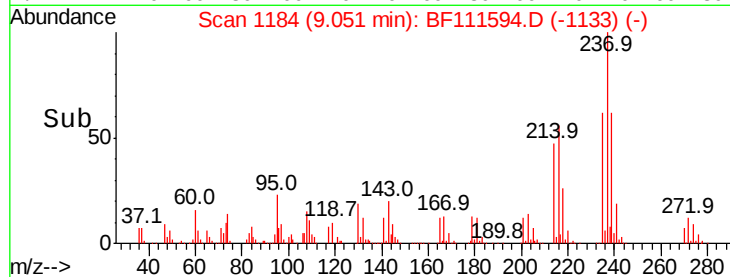
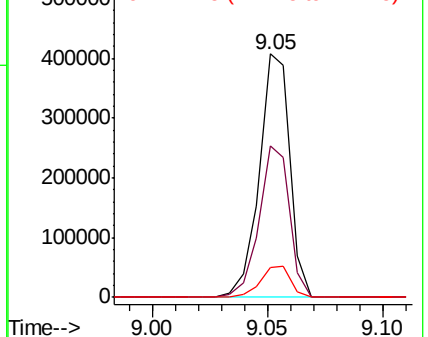
237 100

235 62.3 43.1 83.1

272 12.1 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 150.506 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

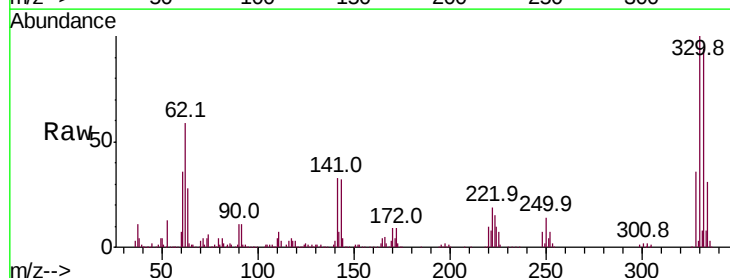
Tgt Ion:330 Resp: 539047

Ion Ratio Lower Upper

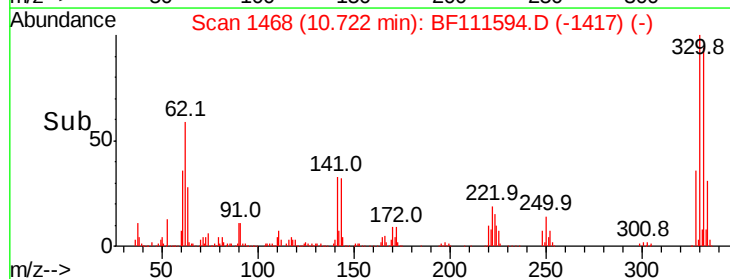
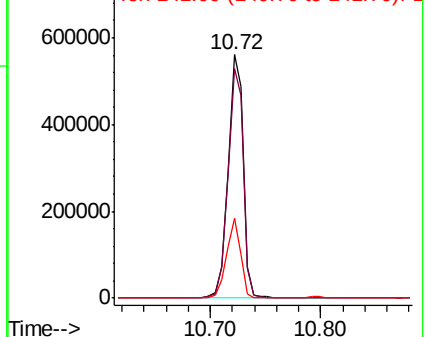
330 100

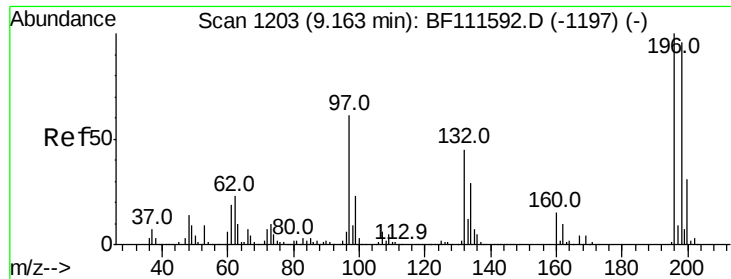
332 95.6 76.0 114.0

141 30.8 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

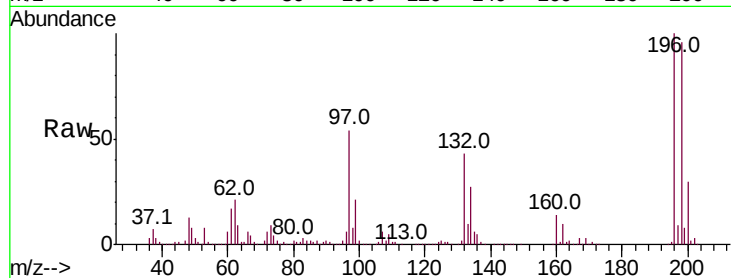




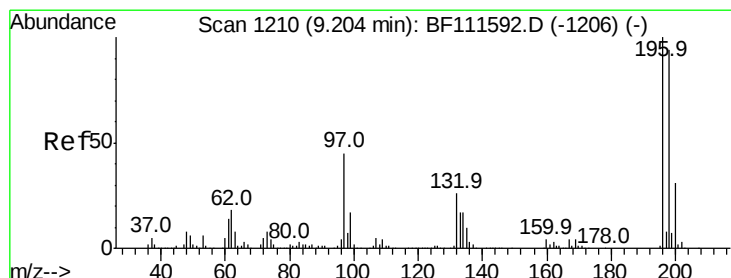
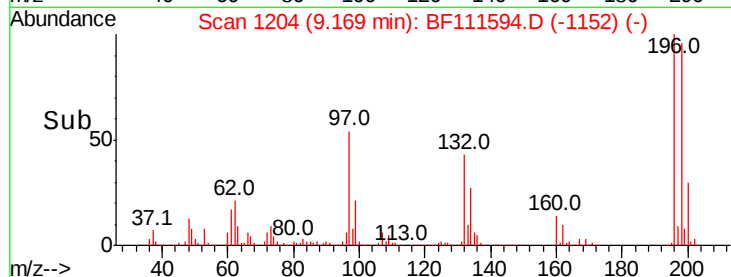
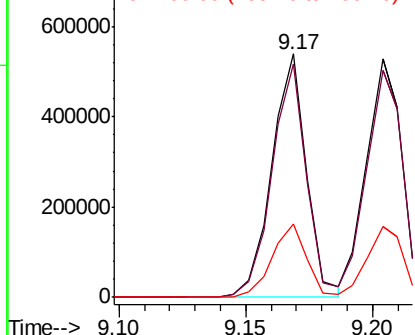
#43
 2,4,6-Trichlorophenol
 Concen: 66.630 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 517078
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.3 114.5
 200 30.0 24.9 37.3

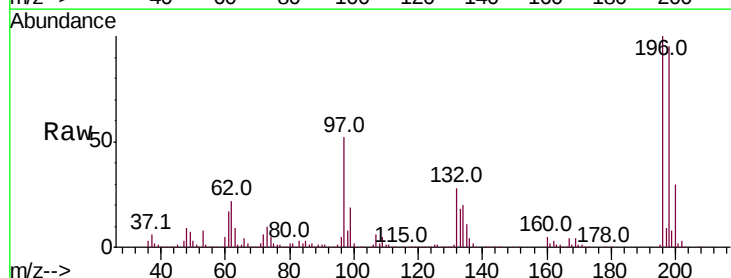


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

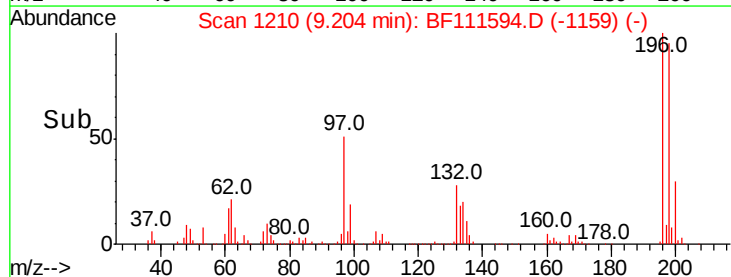
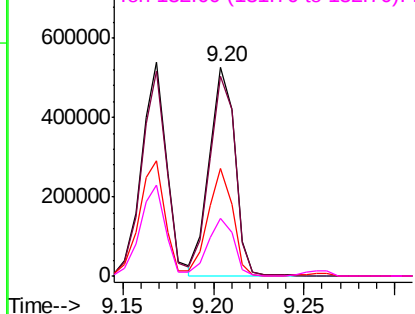


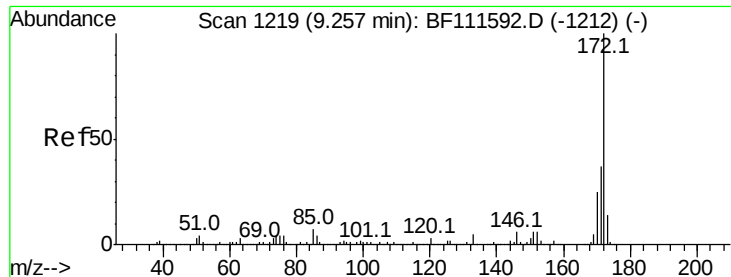
#44
 2,4,5-Trichlorophenol
 Concen: 62.739 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Tgt Ion:196 Resp: 518099
 Ion Ratio Lower Upper
 196 100
 198 95.4 72.9 109.3
 97 51.6 45.3 67.9
 132 27.8 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

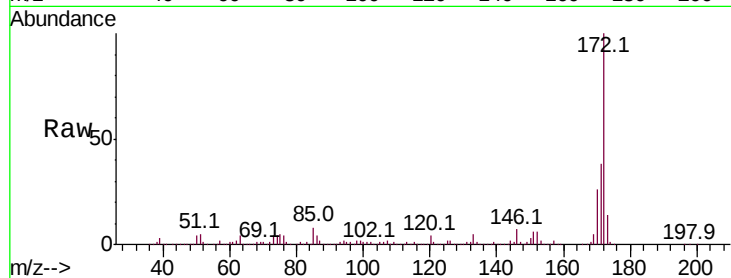




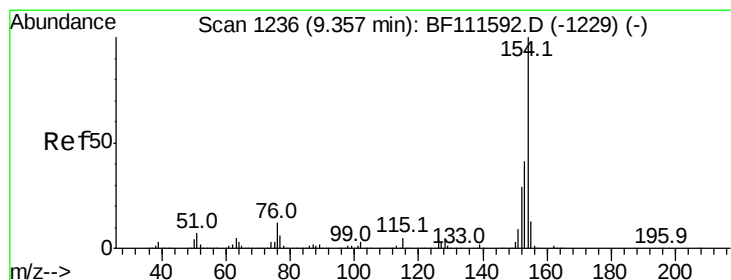
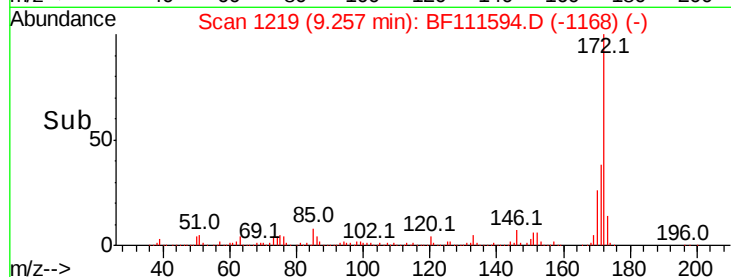
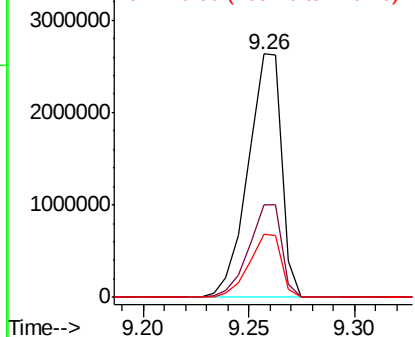
#45
2-Fluorobiphenyl
Concen: 112.325 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2907471
Ion Ratio Lower Upper
172 100
171 37.8 33.0 49.4
170 25.8 22.3 33.5

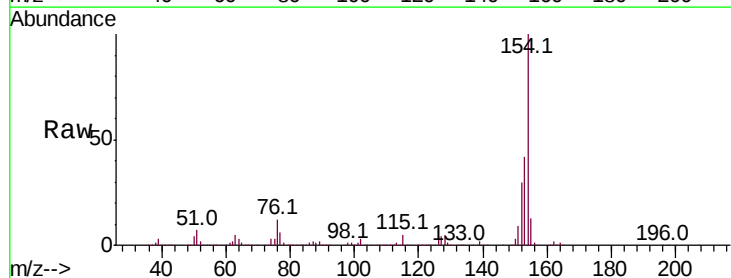


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

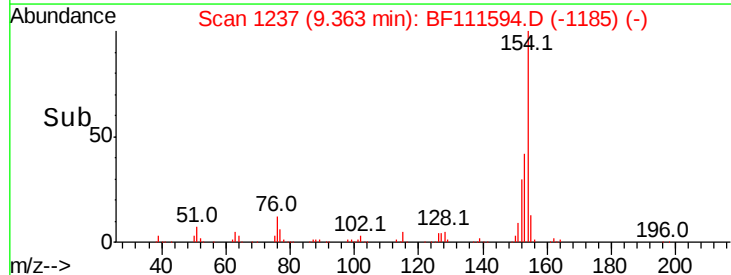
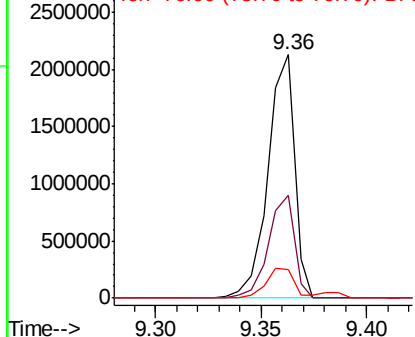


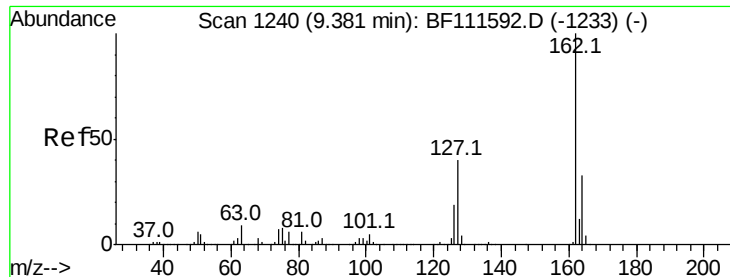
#46
1,1'-Biphenyl
Concen: 55.178 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:154 Resp: 1869296
Ion Ratio Lower Upper
154 100
153 42.2 23.7 63.7
76 12.0 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



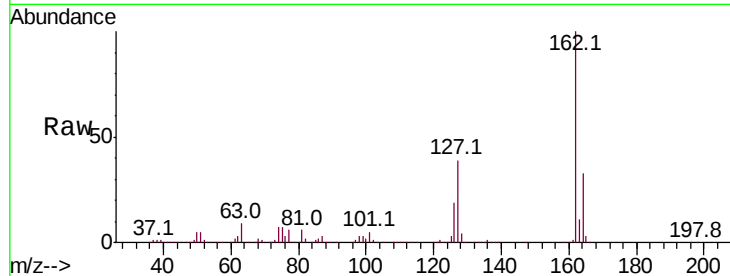


#47
 2-Chloronaphthalene
 Concen: 58.859 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

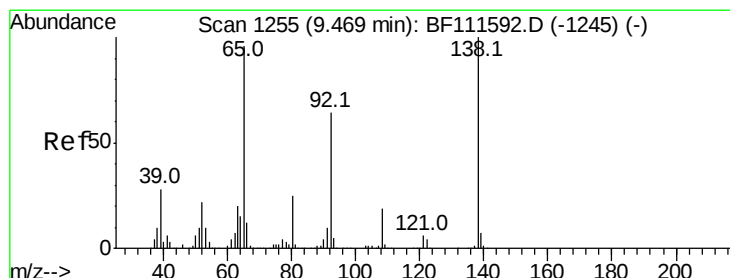
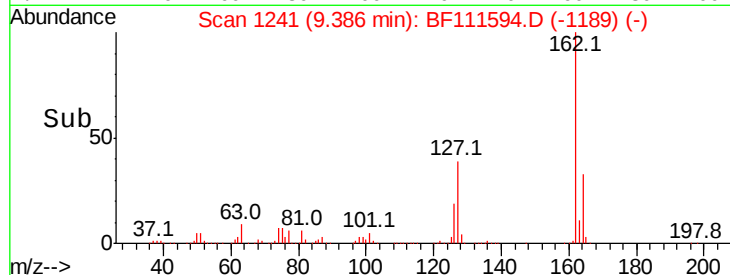
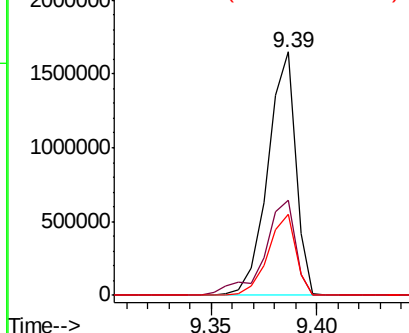
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1515659

Ion	Ratio	Lower	Upper
162	100		
127	39.1	35.0	52.4
164	33.3	28.4	42.6



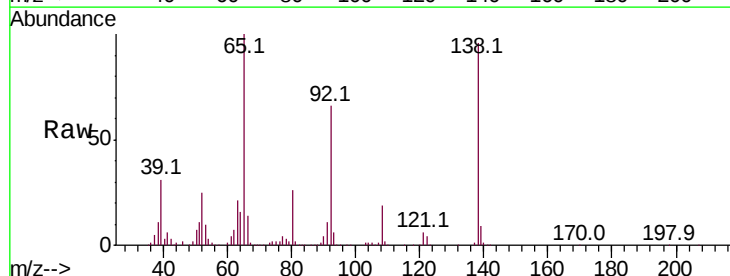
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



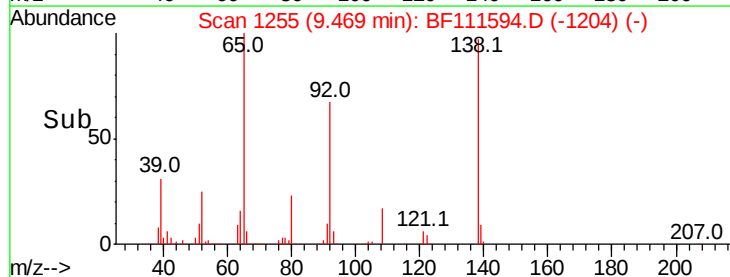
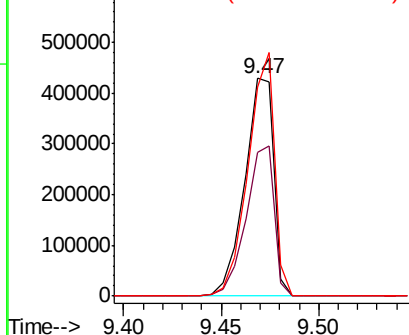
#48
 2-Nitroaniline
 Concen: 52.971 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

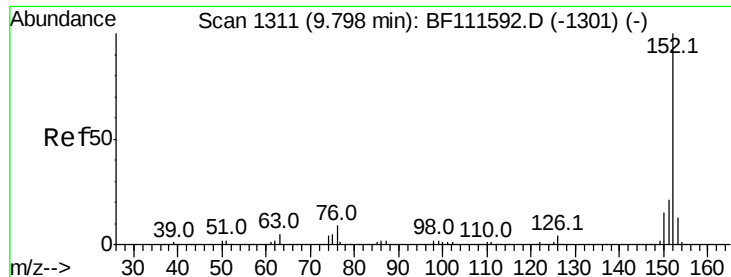
Tgt Ion: 65 Resp: 442895

Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.5	80.3
138	95.9	80.9	121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.218 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

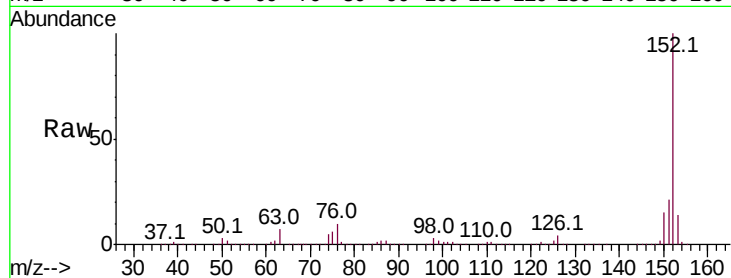
Tot Ion:152 Resp: 2225281

Ion Ratio Lower Upper

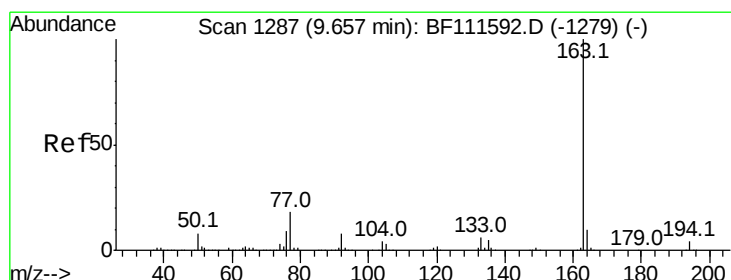
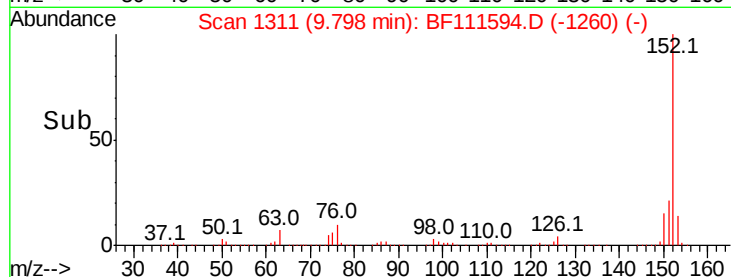
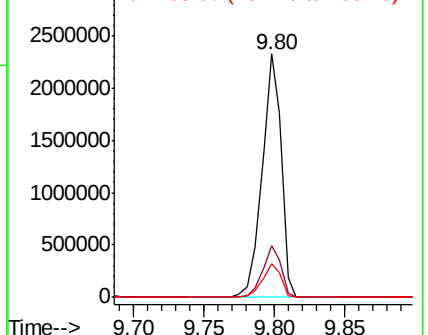
152 100

151 21.2 18.0 27.0

153 14.0 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.387 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

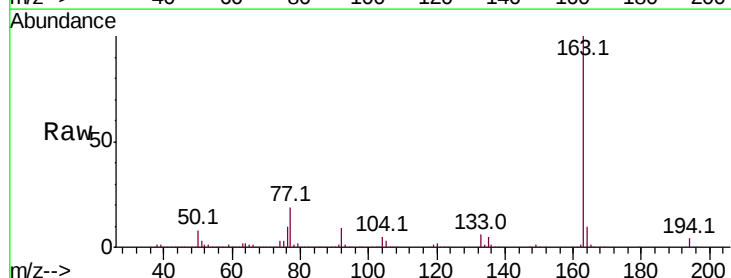
Tgt Ion:163 Resp: 1652415

Ion Ratio Lower Upper

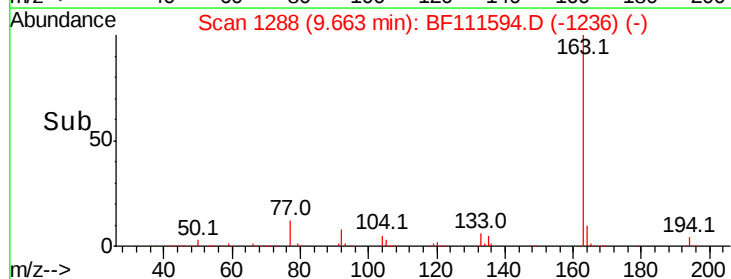
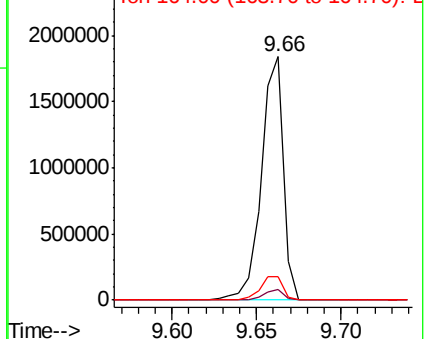
163 100

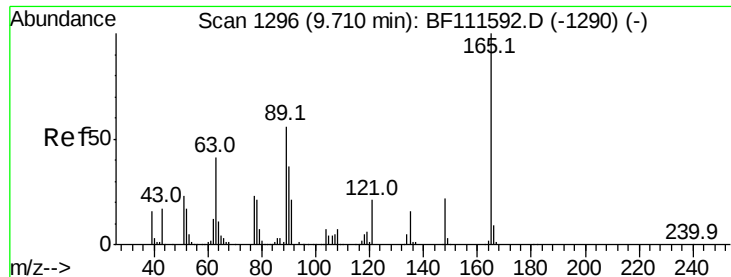
194 4.3 3.0 4.6

164 9.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 56.301 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampled :

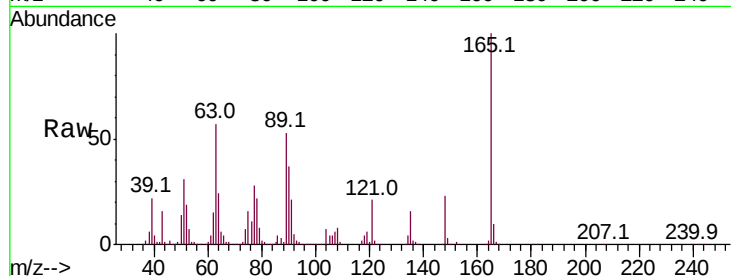
Tot Ion:165 Resp: 364907

Ion Ratio Lower Upper

165 100

63 57.1 40.5 60.7

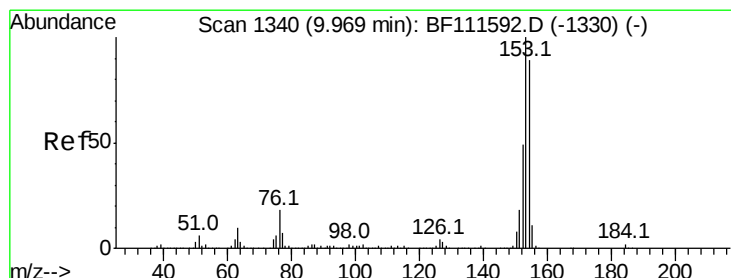
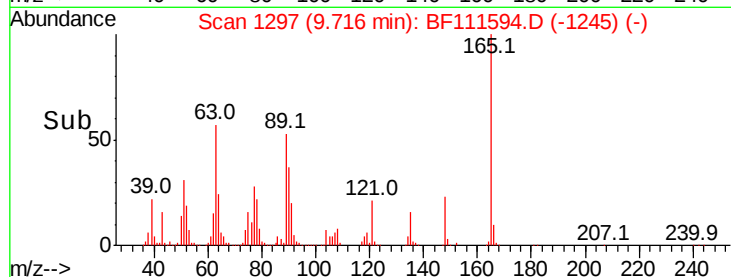
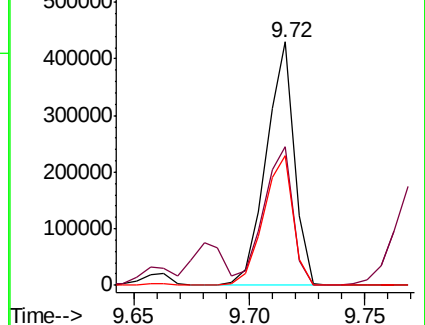
89 53.3 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 56.519 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

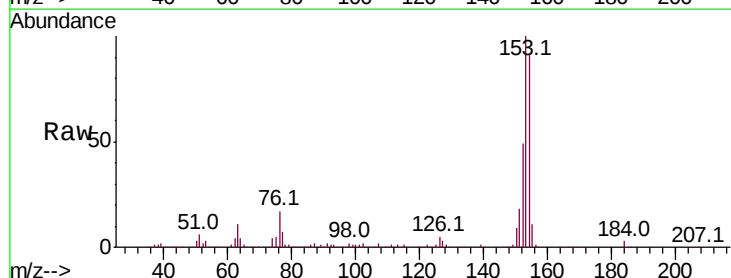
Tgt Ion:154 Resp: 1365449

Ion Ratio Lower Upper

154 100

153 109.7 87.8 131.8

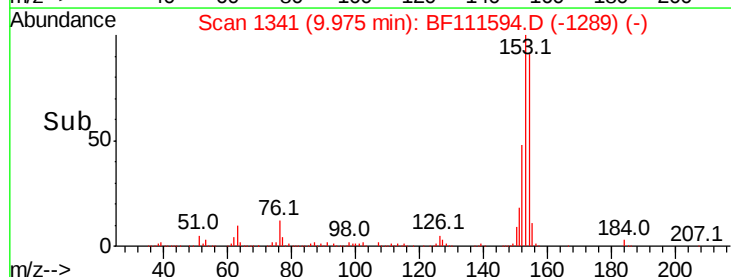
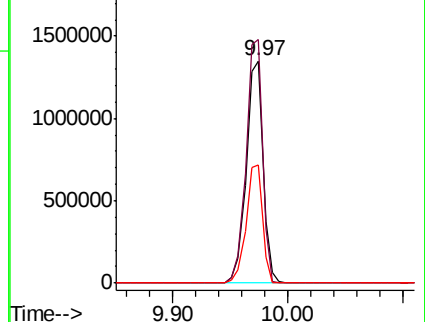
152 53.5 43.4 65.2

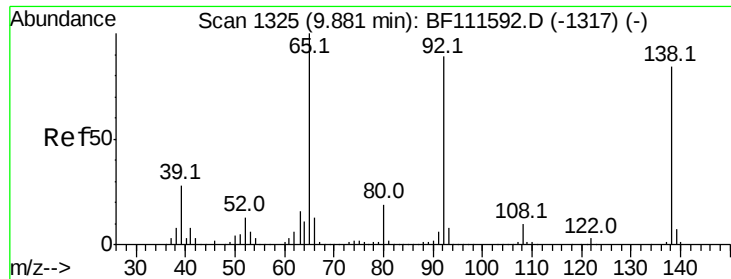


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

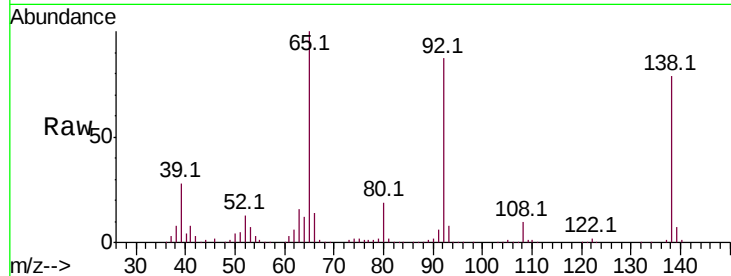




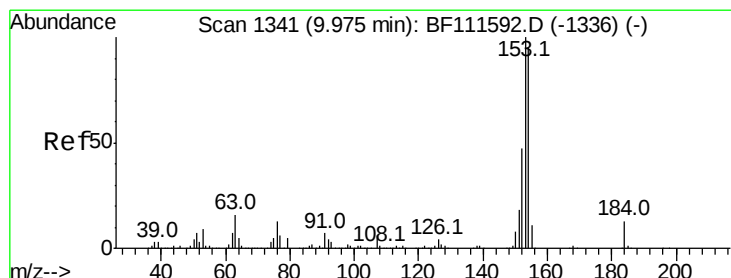
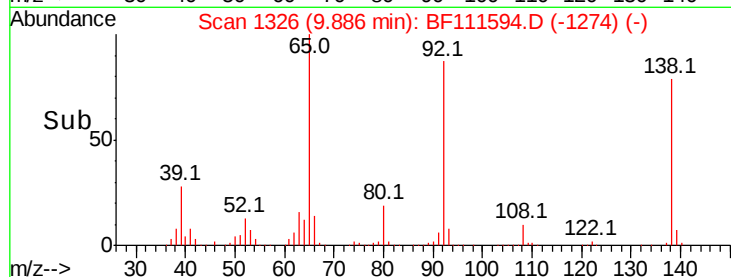
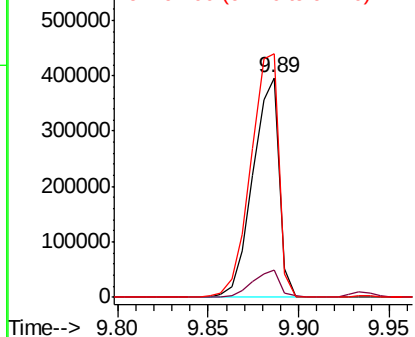
#53
 3-Nitroaniline
 Concen: 50.995 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 401452
 Ion Ratio Lower Upper
 138 100
 108 12.2 8.2 12.4
 92 110.9 93.4 140.2

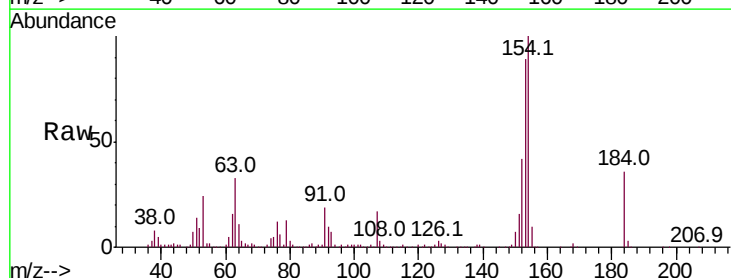


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

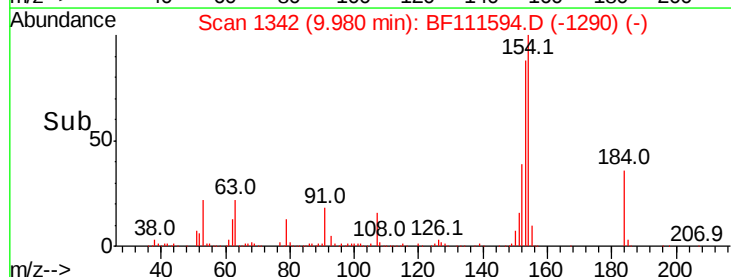
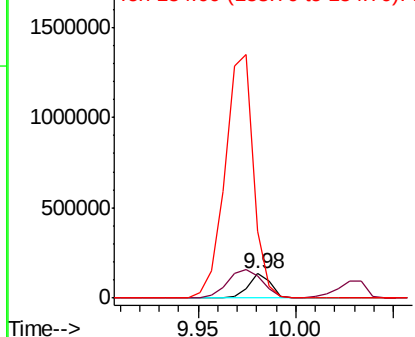


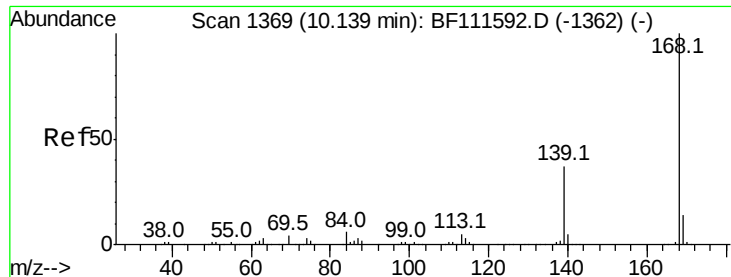
#54
 2,4-Dinitrophenol
 Concen: 43.856 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Tgt Ion:184 Resp: 108142
 Ion Ratio Lower Upper
 184 100
 63 91.5 62.3 93.5
 154 276.3 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

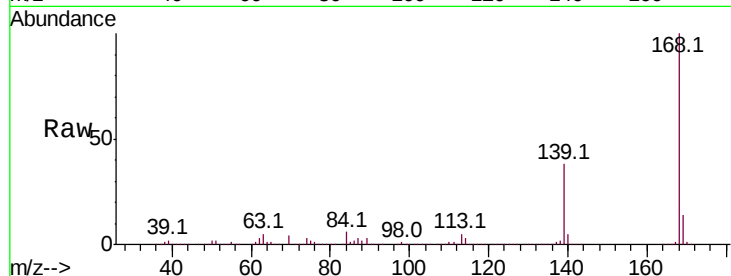




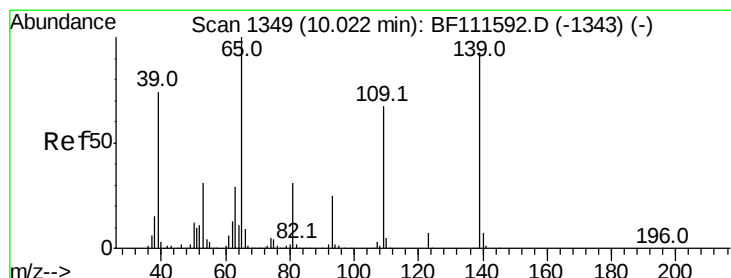
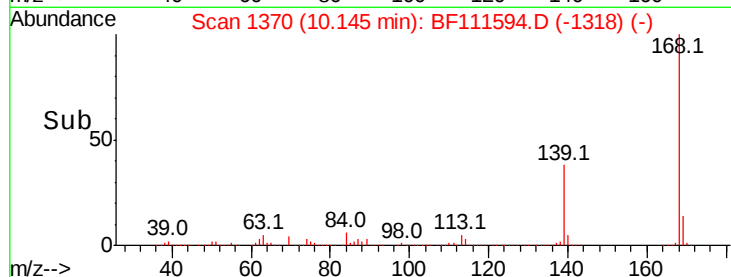
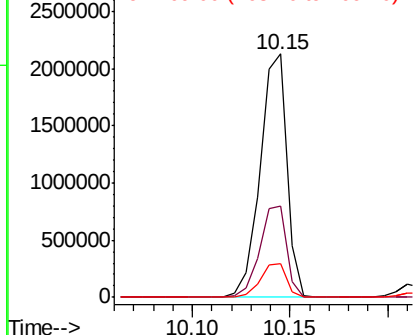
#55
Dibenzofuran
Concen: 57.663 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 2022097
Ion Ratio Lower Upper
168 100
139 37.6 32.6 49.0
169 14.0 11.8 17.6

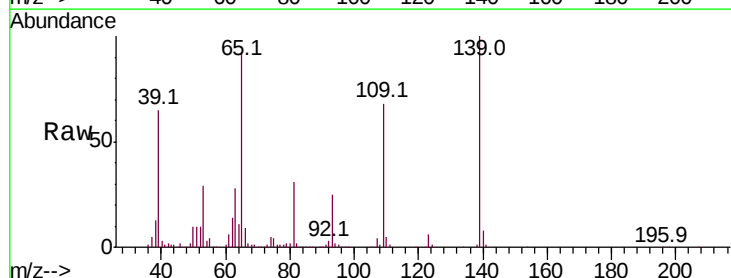


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

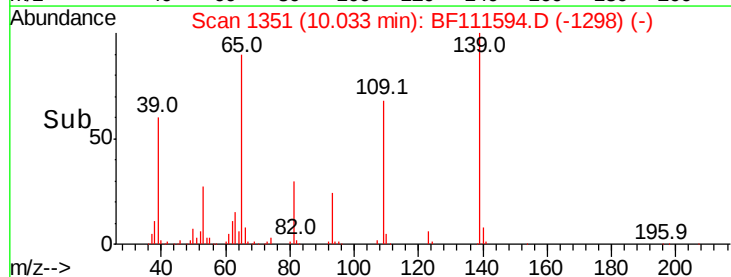
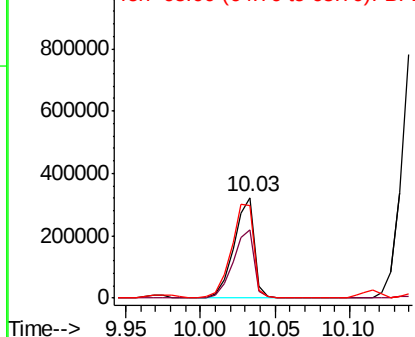


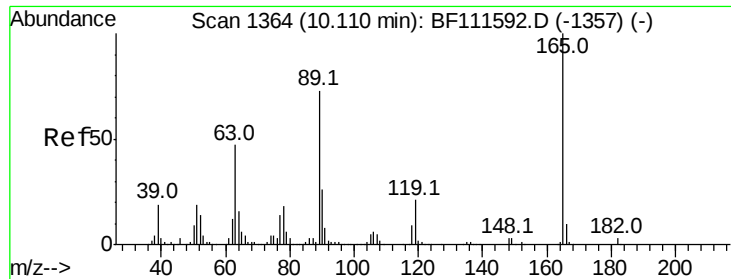
#56
4-Nitrophenol
Concen: 56.531 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:139 Resp: 307986
Ion Ratio Lower Upper
139 100
109 67.8 41.8 81.8
65 92.3 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

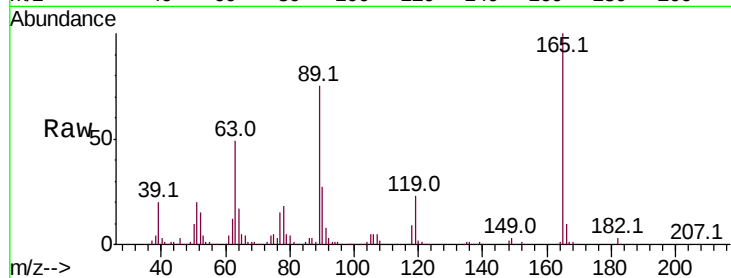




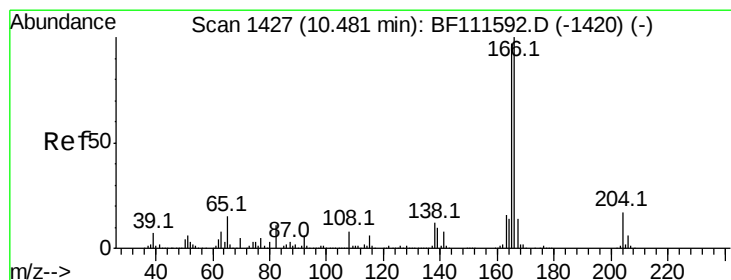
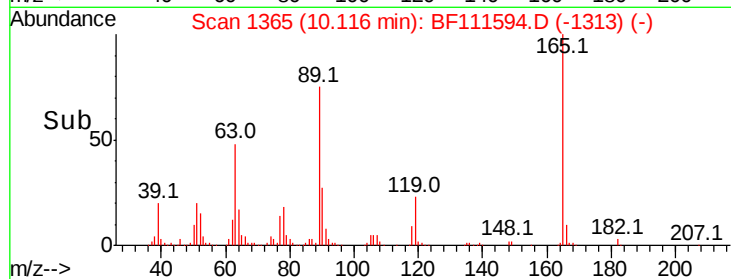
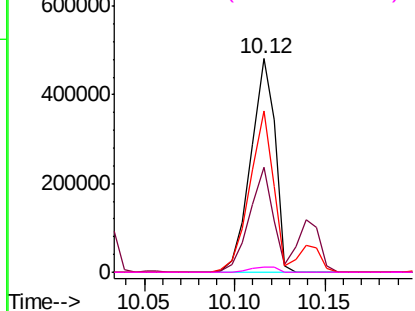
#57
2,4-Dinitrotoluene
Concen: 52.768 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 448887
Ion Ratio Lower Upper
165 100
63 49.3 34.6 52.0
89 75.2 56.2 84.4
182 2.6 1.8 2.6

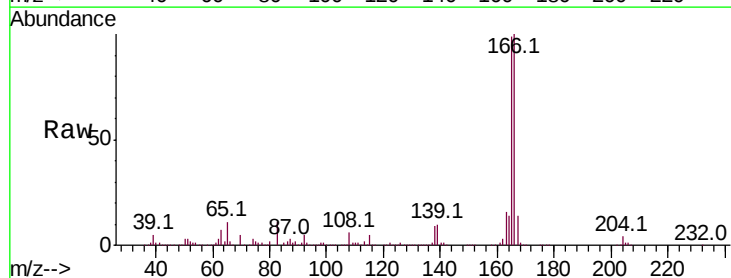


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

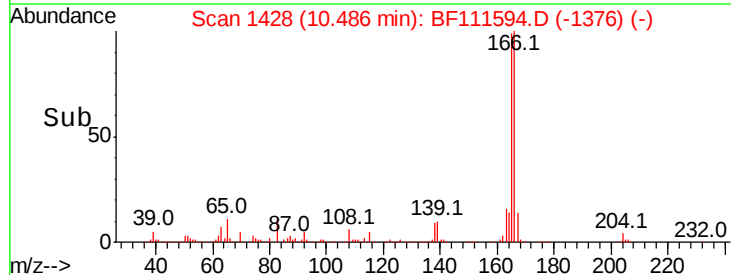
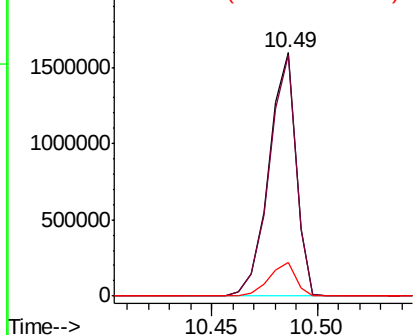


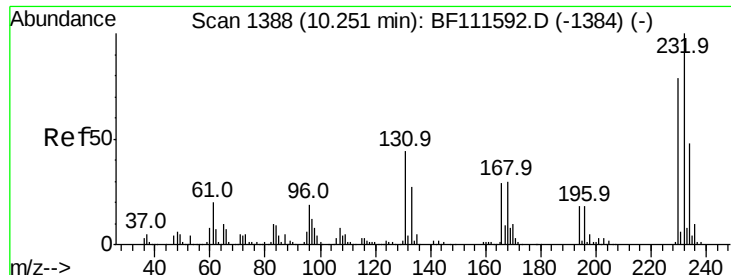
#58
Fluorene
Concen: 56.156 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:166 Resp: 1428353
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 68.608 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 442668

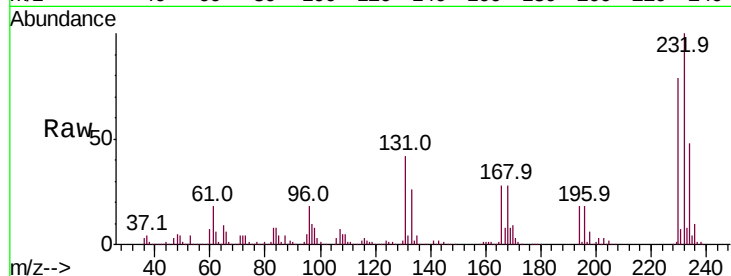
Ion Ratio Lower Upper

232 100

131 43.2 40.9 61.3

130 2.2 2.0 3.0

166 29.0 26.8 40.2

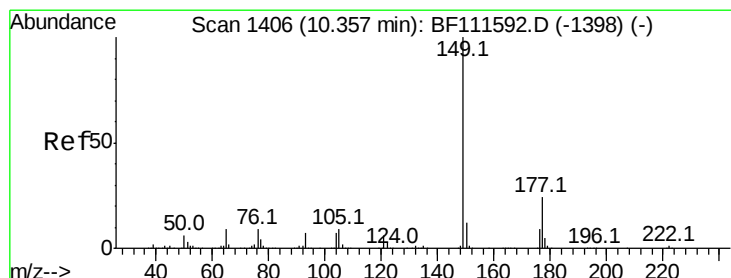
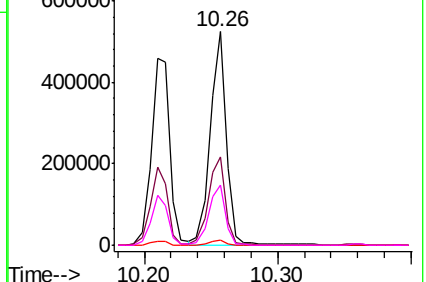
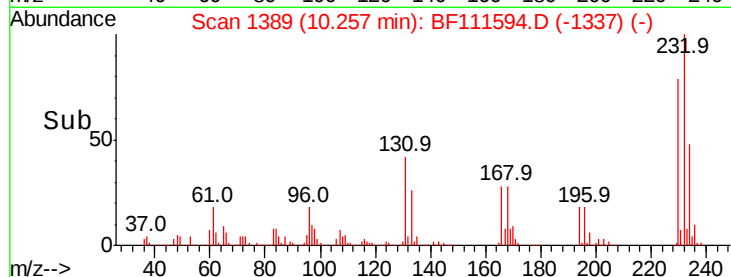


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 55.607 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

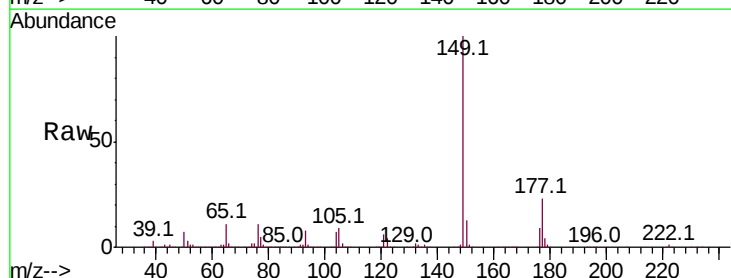
Tgt Ion:149 Resp: 1621885

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

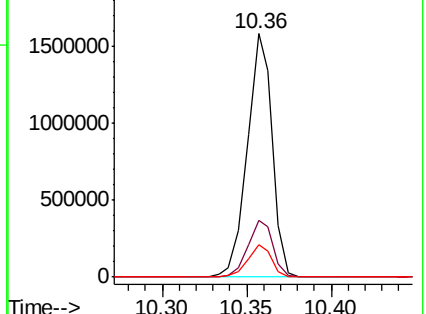
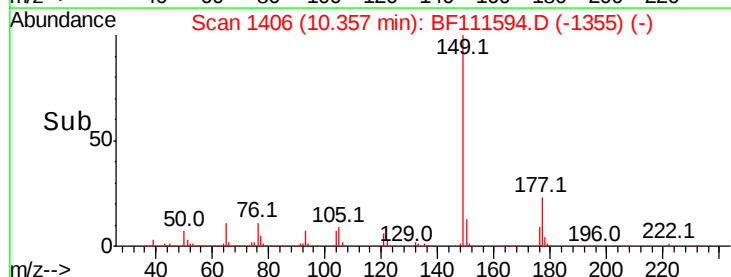
150 13.2 10.6 15.8

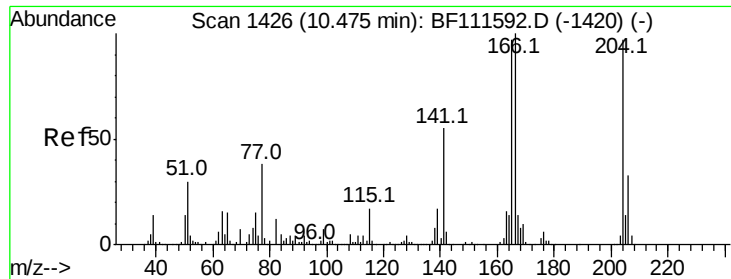


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

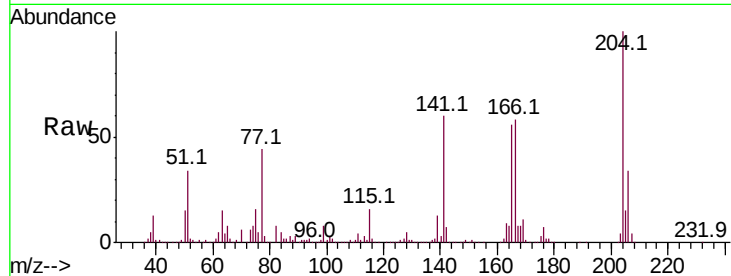




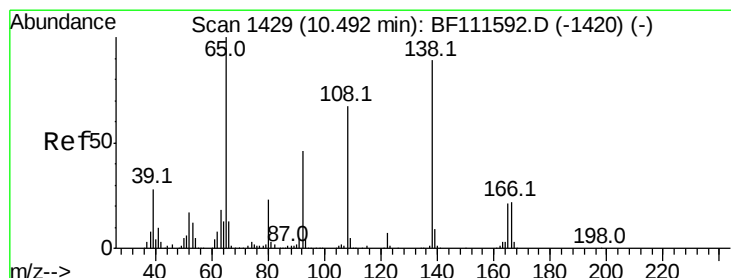
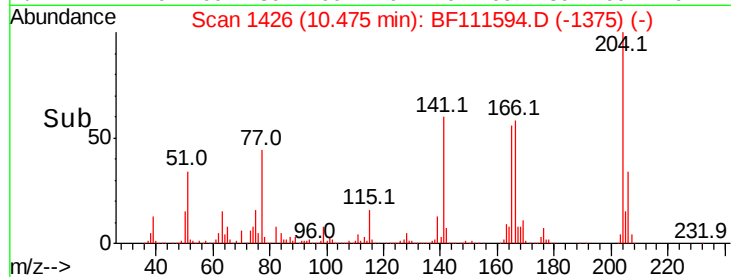
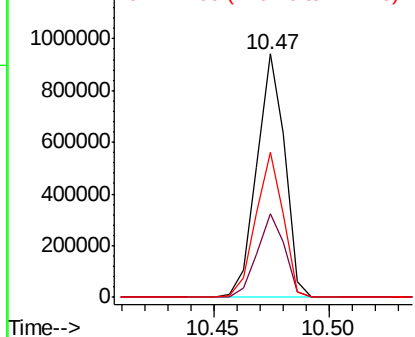
#61
4-Chlorophenyl-phenylether
Concen: 63.938 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 795675
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 59.6 52.6 78.8

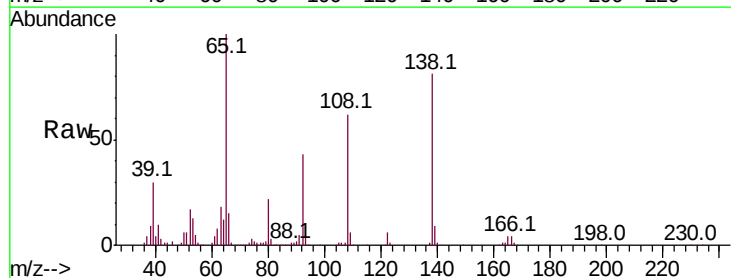


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

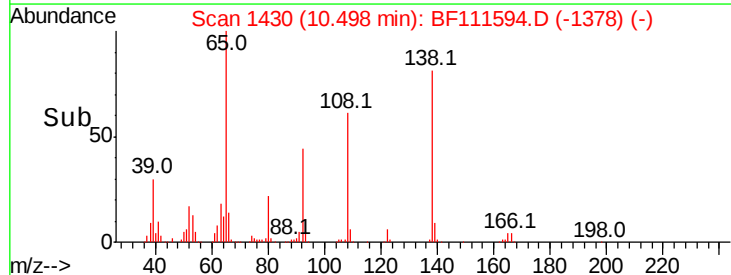
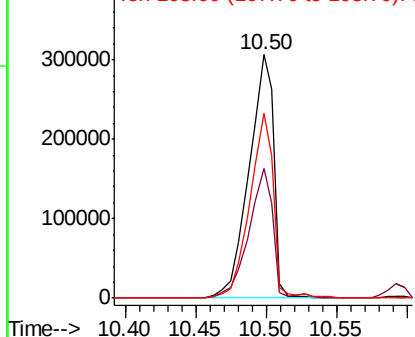


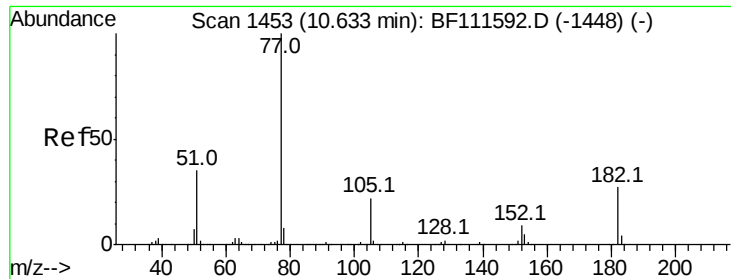
#62
4-Nitroaniline
Concen: 48.256 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:138 Resp: 376070
Ion Ratio Lower Upper
138 100
92 53.4 29.9 69.9
108 75.7 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 56.759 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1632092

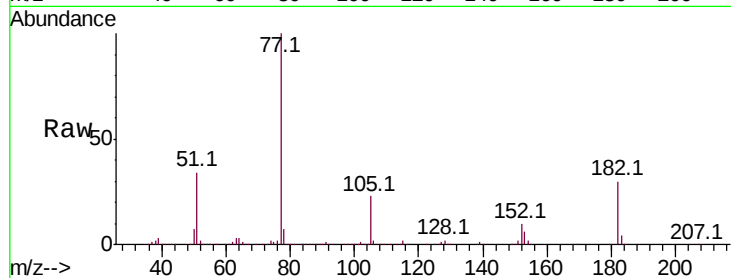
Ion Ratio Lower Upper

77 100

182 29.9 4.9 44.9

105 22.6 6.0 46.0

51 33.5 14.7 54.7

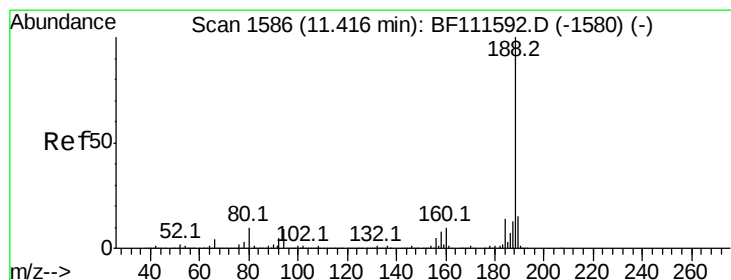
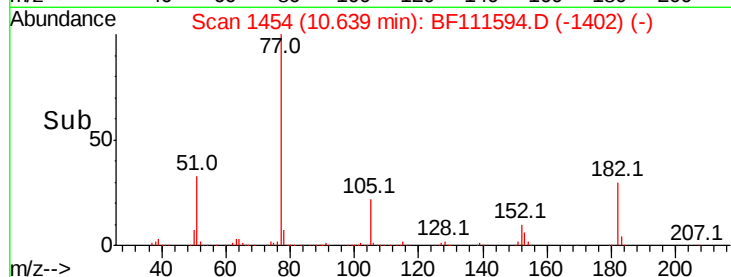
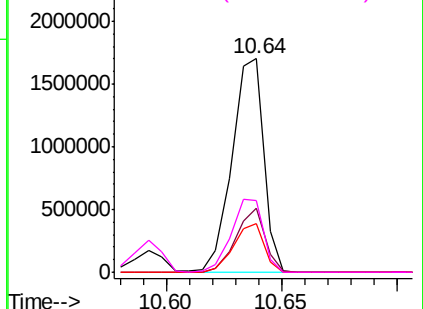


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

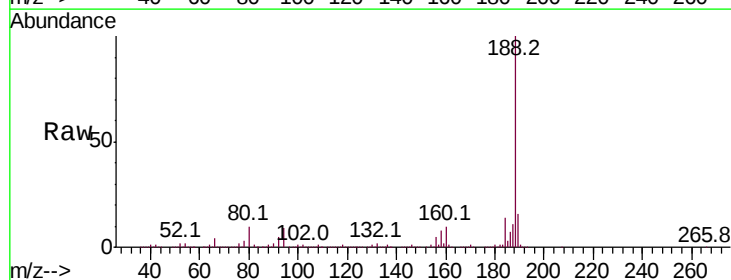
Tgt Ion: 188 Resp: 738014

Ion Ratio Lower Upper

188 100

94 9.4 9.6 14.4#

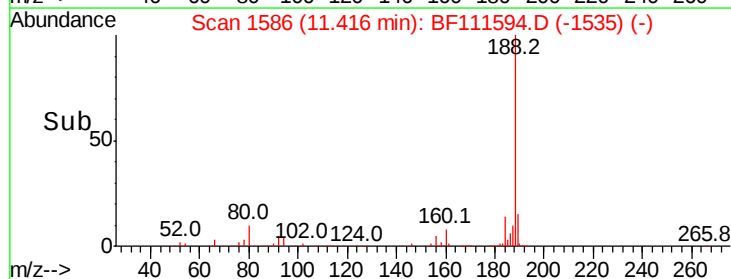
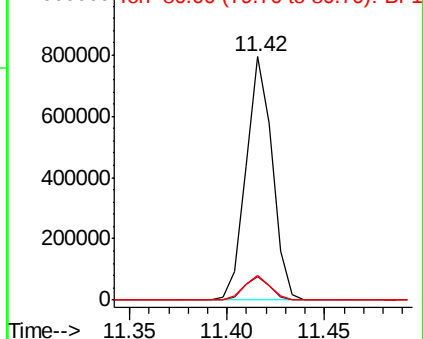
80 10.1 9.8 14.6

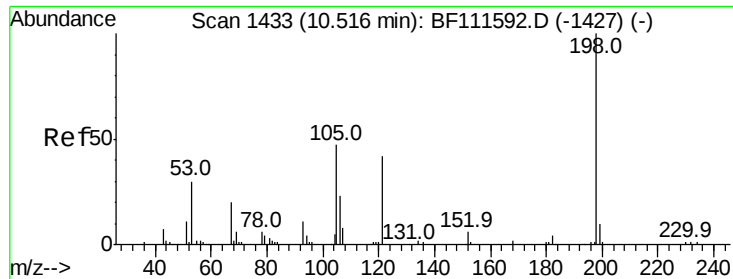


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

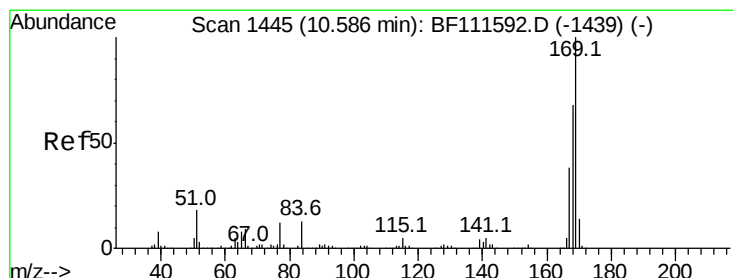
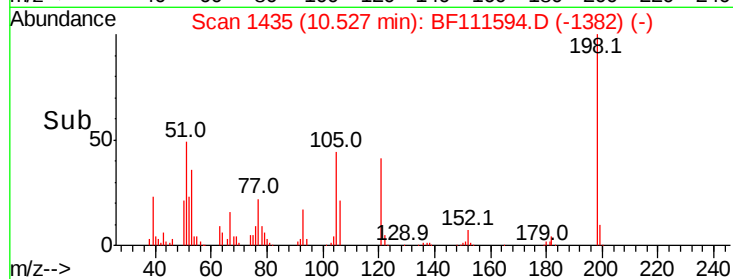
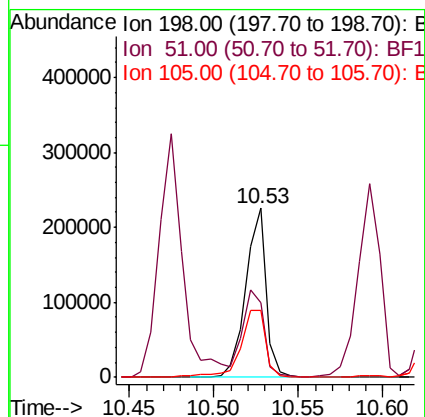
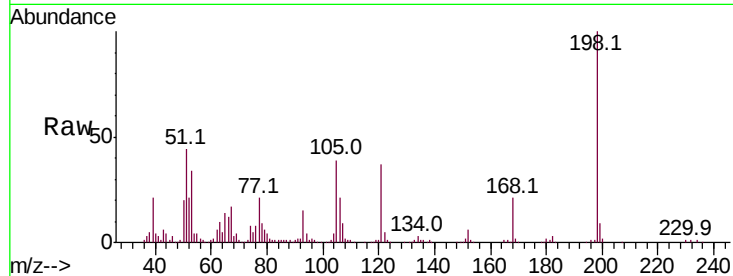




#65
4,6-Dinitro-2-methylphenol
Concen: 45.662 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

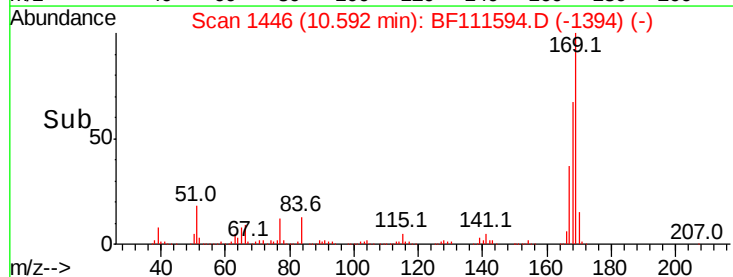
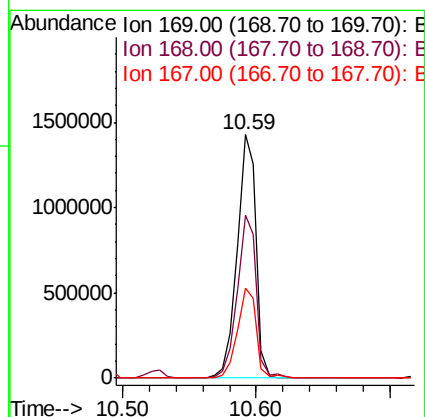
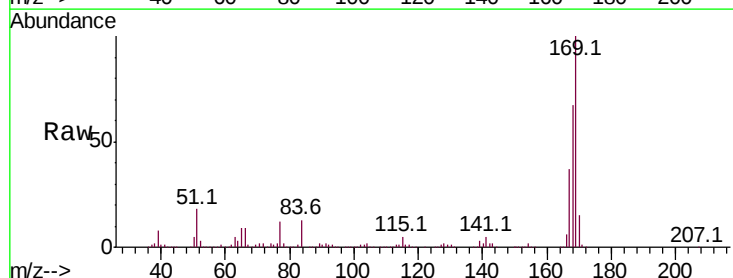
Instrument :
BNA_F
ClientSampleId :

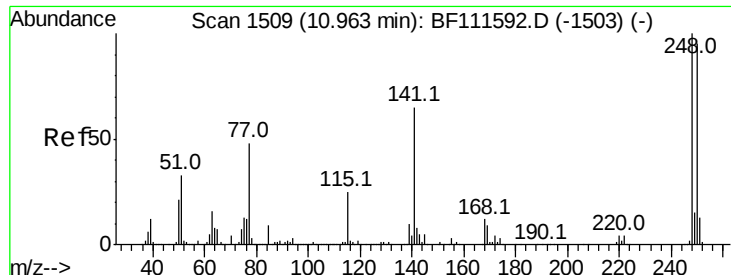
Tot Ion:198 Resp: 190248
Ion Ratio Lower Upper
198 100
51 44.0 48.0 88.0#
105 39.4 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 55.298 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:169 Resp: 1407331
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 37.0 30.5 45.7

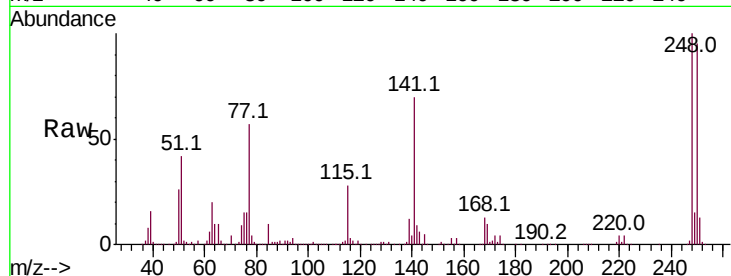




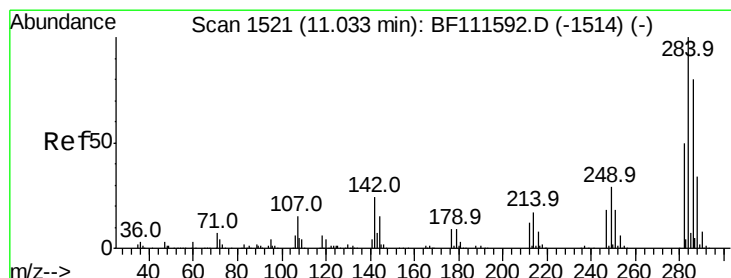
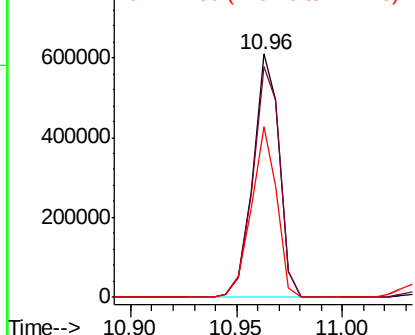
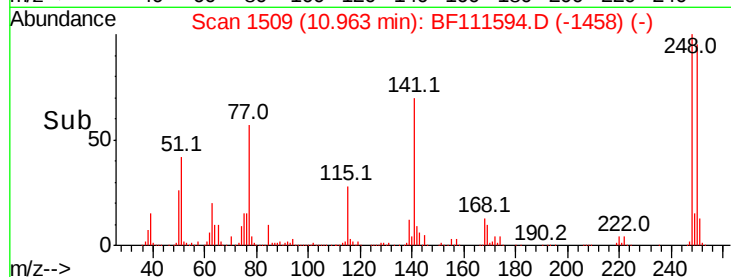
#67
4-Bromophenyl-phenylether
Concen: 66.340 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 527690
Ion Ratio Lower Upper
248 100
250 94.8 77.0 115.4
141 70.1 63.0 94.6

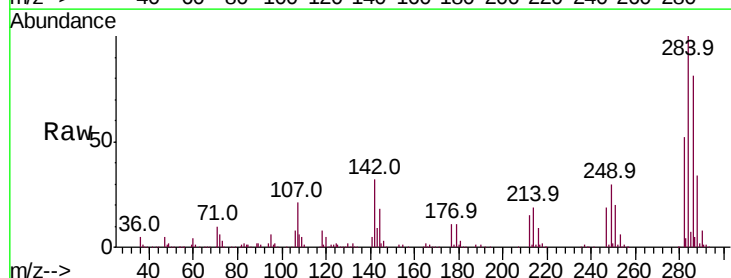


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

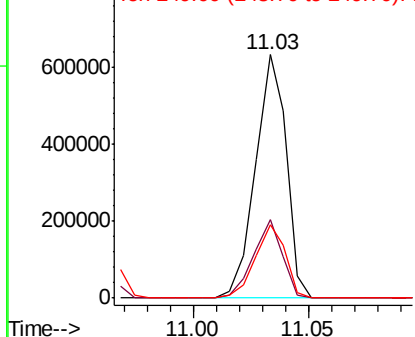
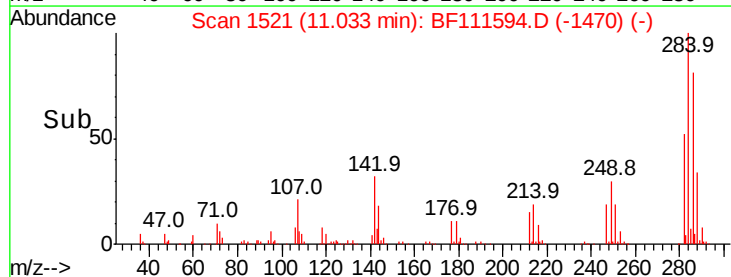


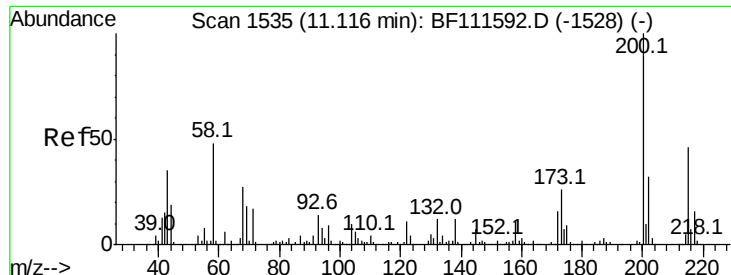
#68
Hexachlorobenzene
Concen: 72.139 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:284 Resp: 590256
Ion Ratio Lower Upper
284 100
142 32.0 27.4 41.2
249 30.4 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

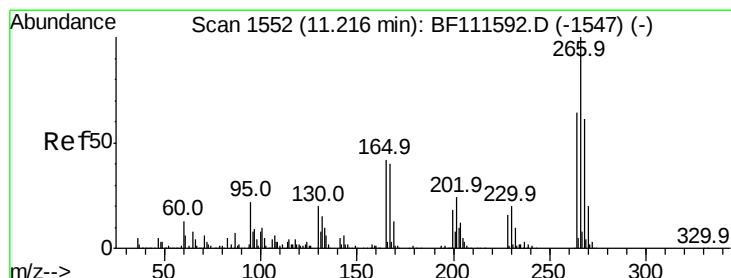
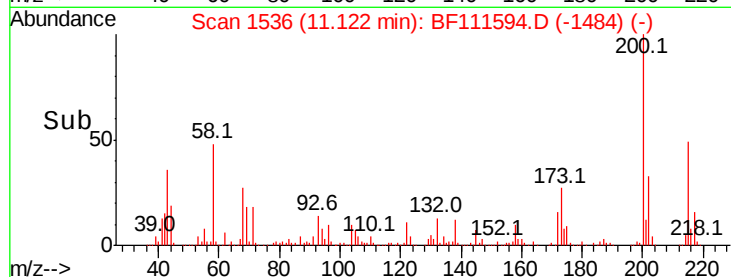
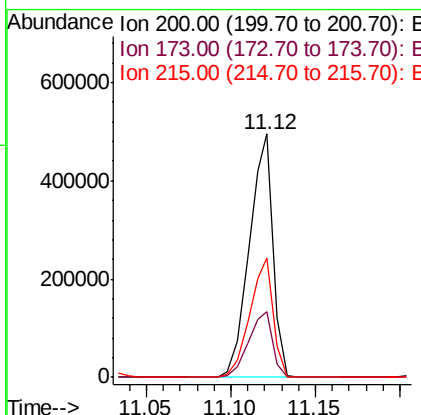
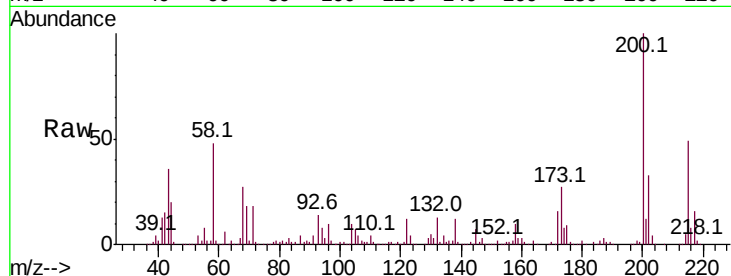




#69
Atrazine
Concen: 65.707 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

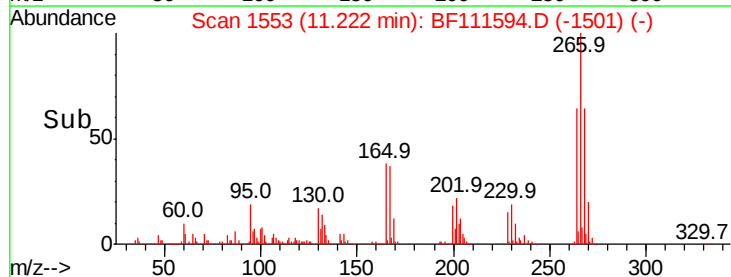
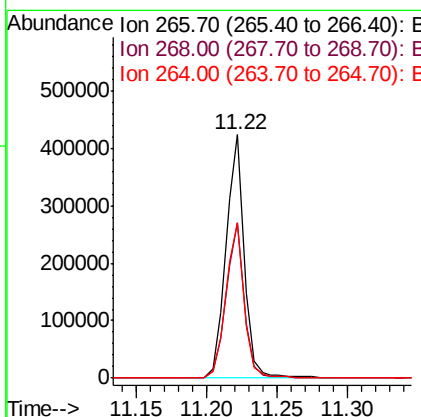
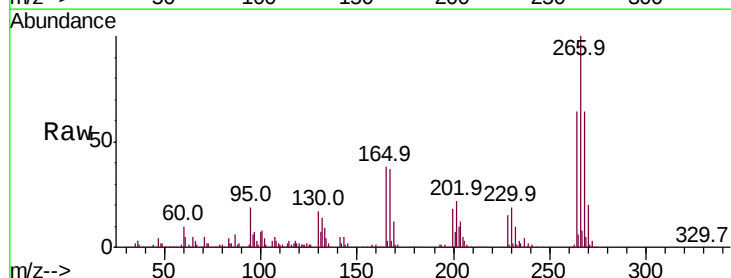
Instrument :
BNA_F
ClientSampleId :

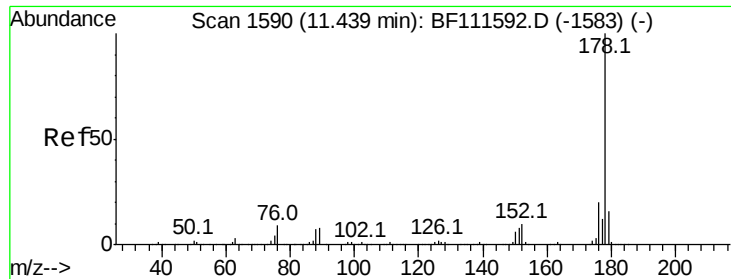
Tot Ion:200 Resp: 483280
Ion Ratio Lower Upper
200 100
173 27.1 10.1 50.1
215 48.9 26.9 66.9



#70
Pentachlorophenol
Concen: 76.254 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:266 Resp: 382684
Ion Ratio Lower Upper
266 100
268 63.6 47.9 71.9
264 63.8 49.1 73.7





#71

Phenanthrene

Concen: 57.264 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampled :

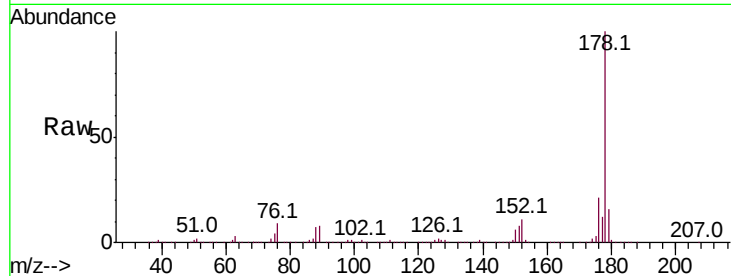
Tot Ion:178 Resp: 2177669

Ion Ratio Lower Upper

178 100

176 20.5 18.1 27.1

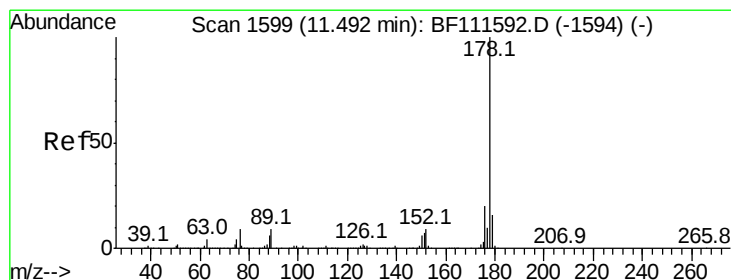
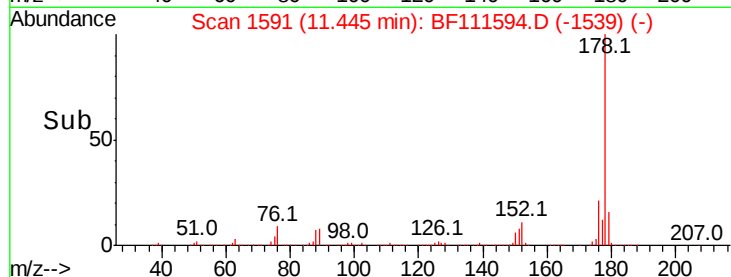
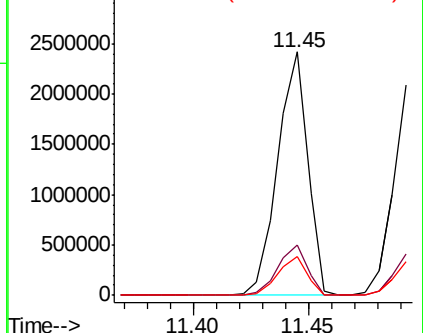
179 16.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 56.306 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

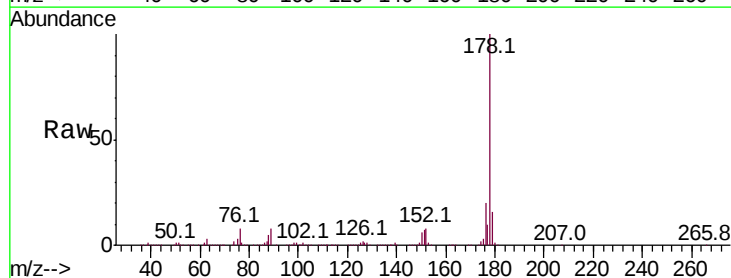
Tgt Ion:178 Resp: 2189789

Ion Ratio Lower Upper

178 100

176 20.0 17.2 25.8

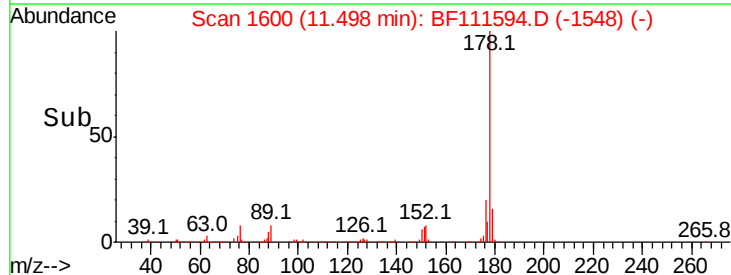
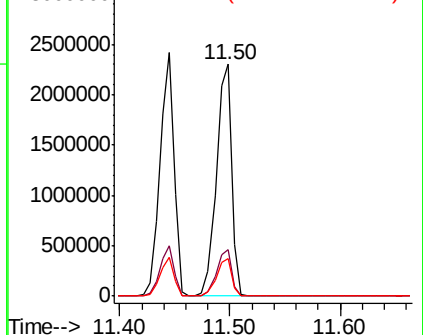
179 16.0 13.8 20.8

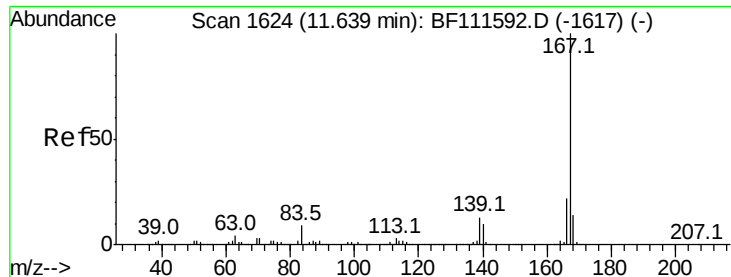


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

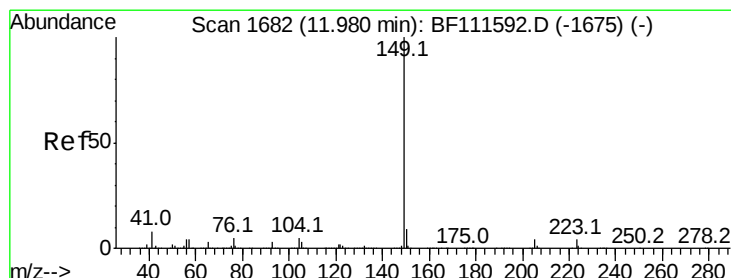
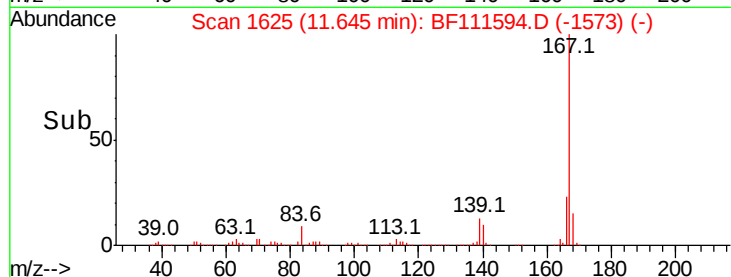
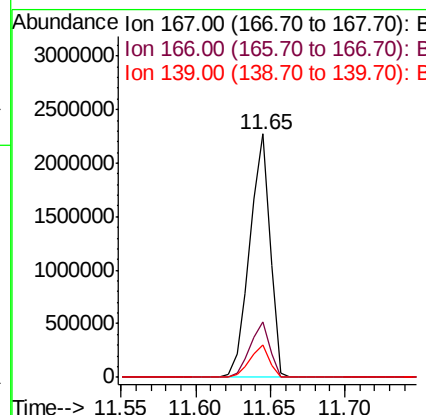
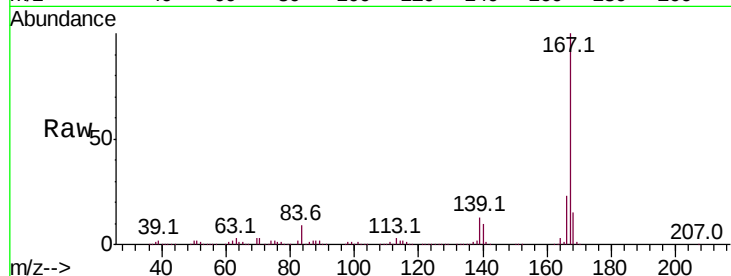




#73
 Carbazole
 Concen: 53.129 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

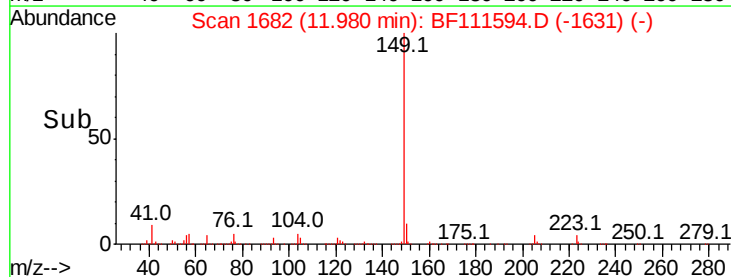
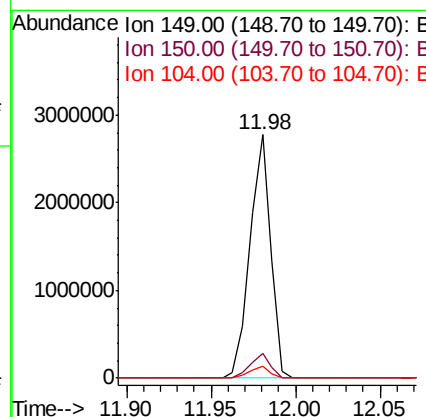
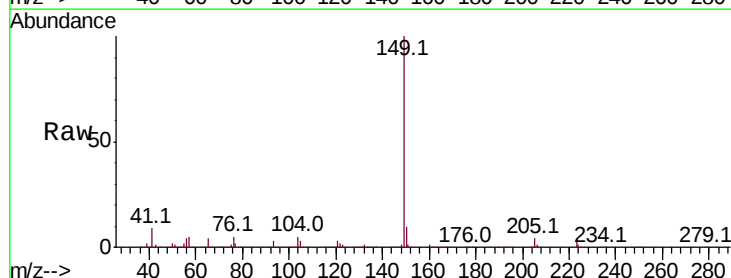
Instrument :
 BNA_F
 ClientSampleId :

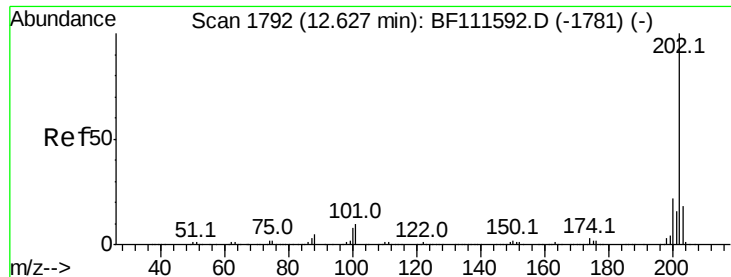
Tot Ion:167 Resp: 2136692
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.3 28.9
 139 13.4 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 53.001 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Tgt Ion:149 Resp: 2373896
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.8 13.2
 104 5.2 4.5 6.7



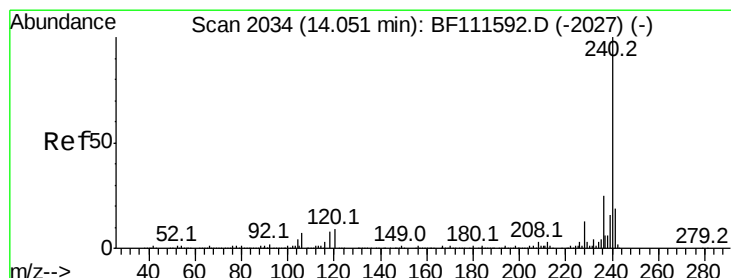
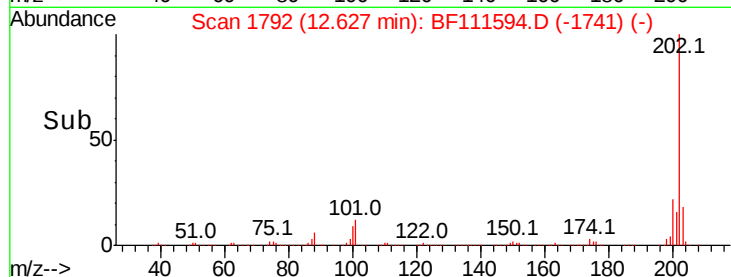
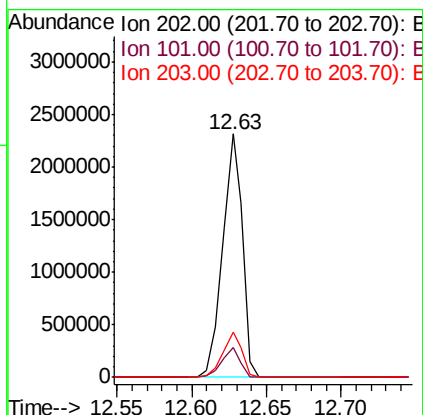
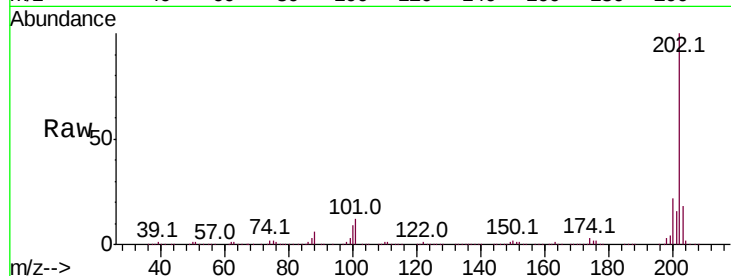


#75
 Fluoranthene
 Concen: 58.170 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2164098

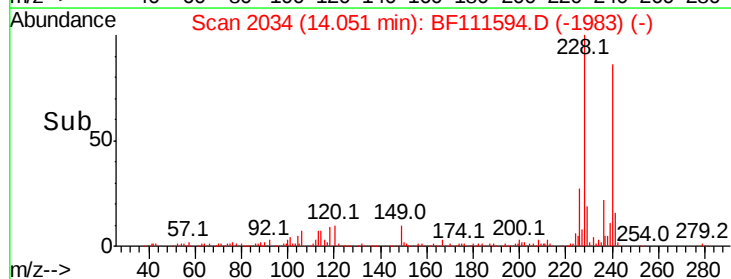
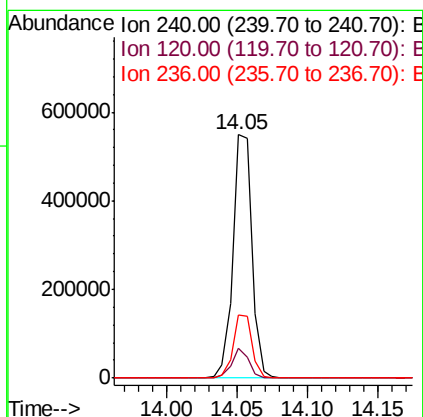
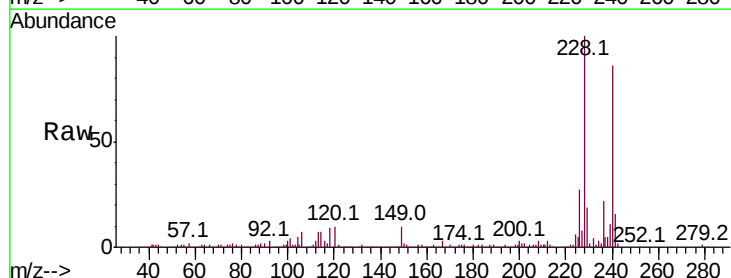
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.8
203	18.5	0.0	38.6

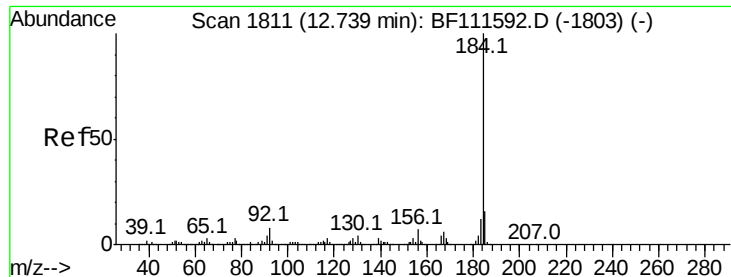


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF111594.D
 Acq: 19 Dec 2018 16:37

Tgt Ion:240 Resp: 515605

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.2	18.2#
236	25.7	20.2	30.2





#77

Benzidine

Concen: 57.249 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

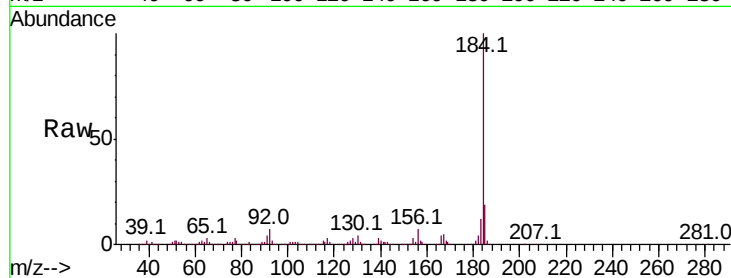
Tot Ion:184 Resp: 1085083

Ion Ratio Lower Upper

184 100

185 19.0 13.0 19.6

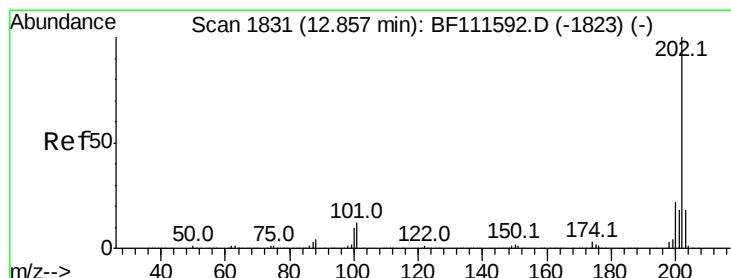
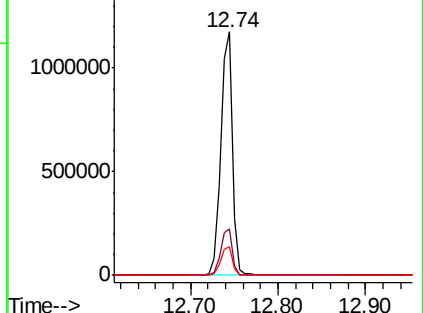
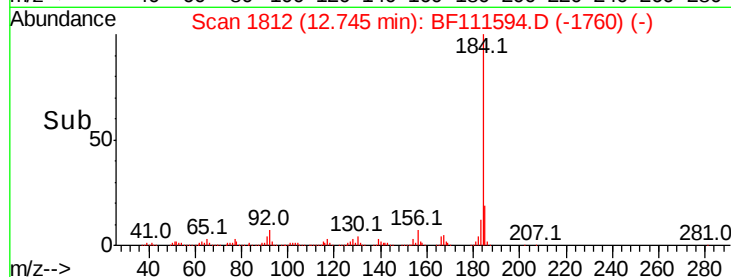
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.203 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

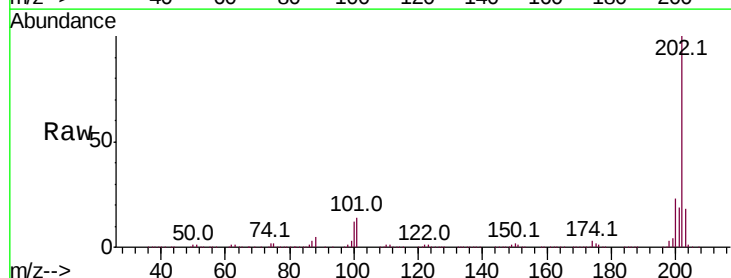
Tgt Ion:202 Resp: 2224836

Ion Ratio Lower Upper

202 100

200 22.9 19.0 28.4

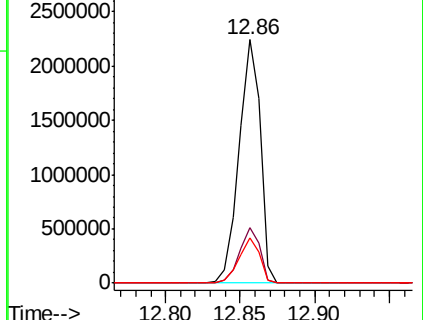
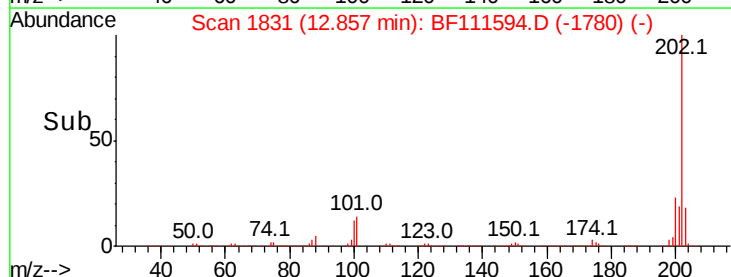
203 18.5 15.2 22.8

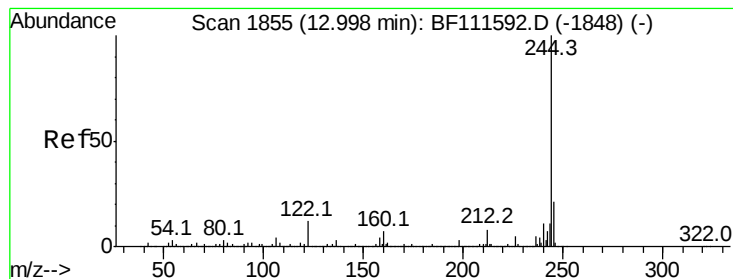


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 142.530 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

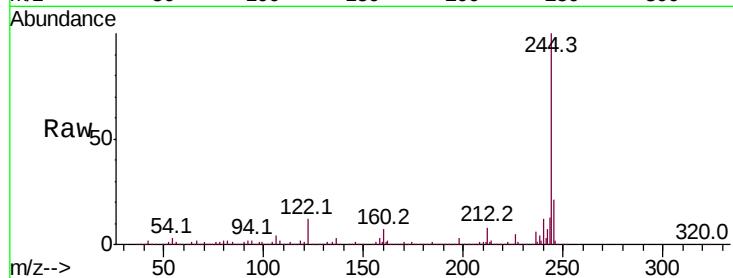
Tot Ion:244 Resp: 3129550

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	11.5	13.1	19.7

244 100

212 7.6 5.7 8.5

122 11.5 13.1 19.7

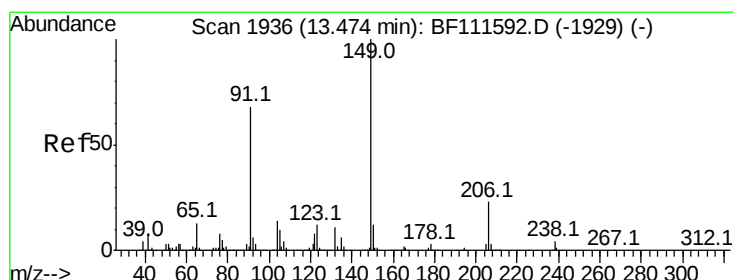
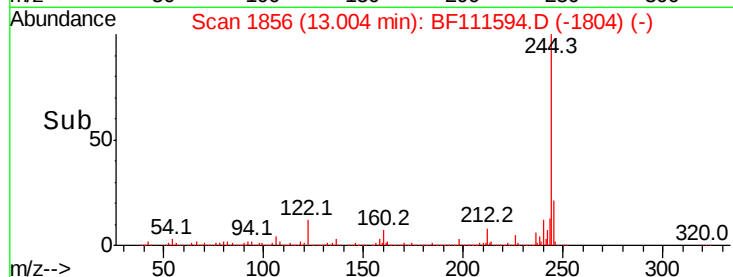
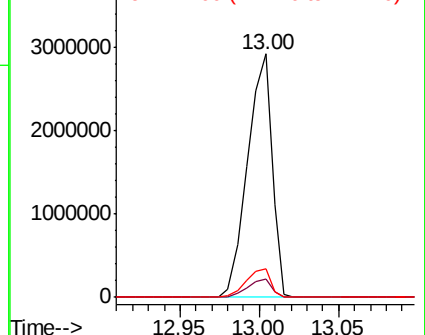


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.565 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

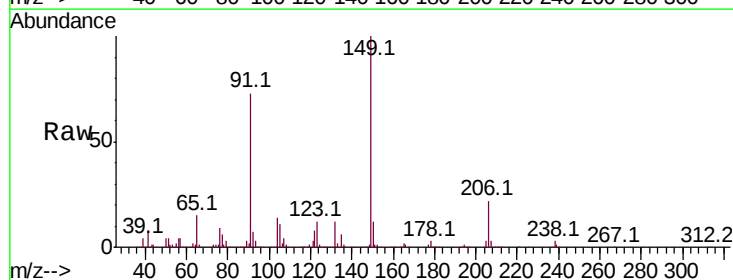
Tgt Ion:149 Resp: 913683

Ion	Ratio	Lower	Upper
149	100		
91	72.9	63.8	95.6
206	22.4	15.1	22.7

149 100

91 72.9 63.8 95.6

206 22.4 15.1 22.7

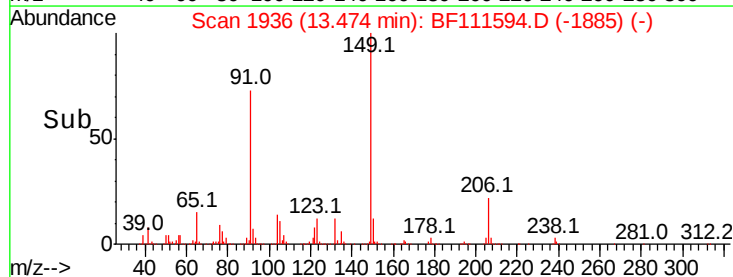
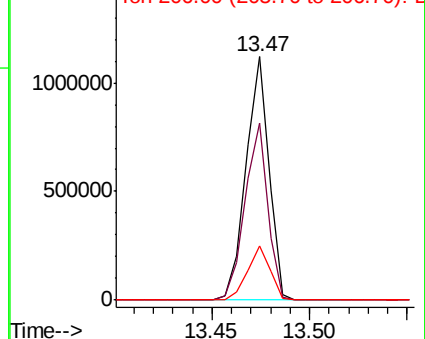


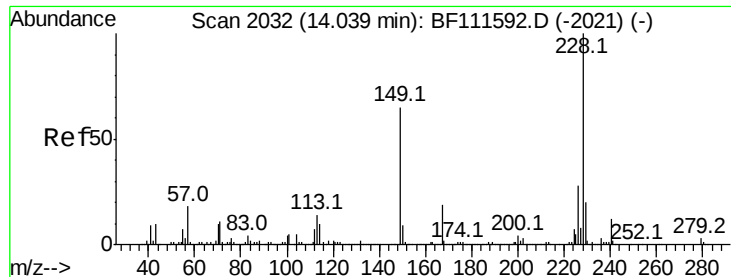
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.497 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :

BNA_F

ClientSampleId :

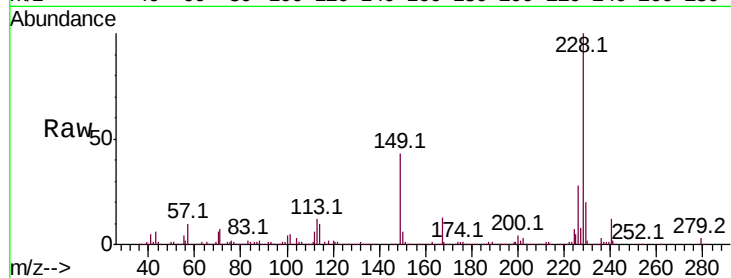
Tot Ion:228 Resp: 1696072

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

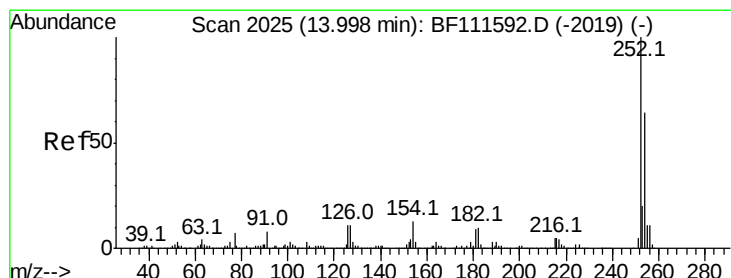
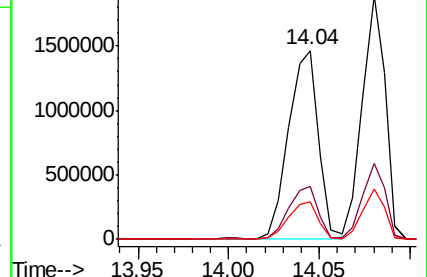
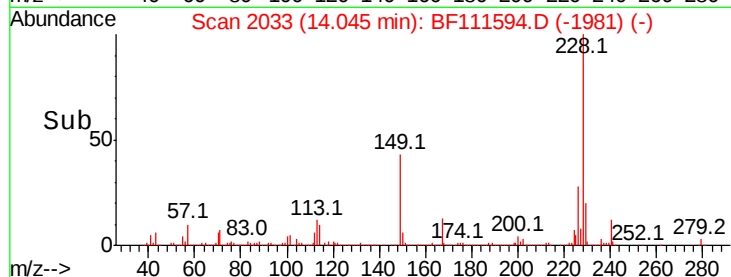
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 56.799 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

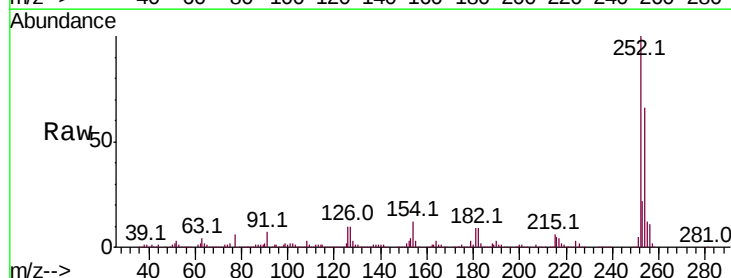
Tgt Ion:252 Resp: 647343

Ion Ratio Lower Upper

252 100

254 66.0 52.7 79.1

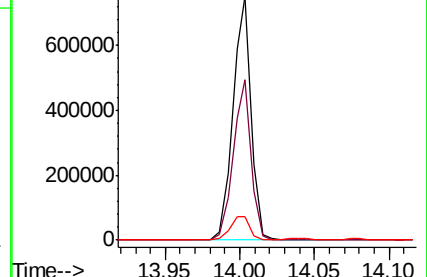
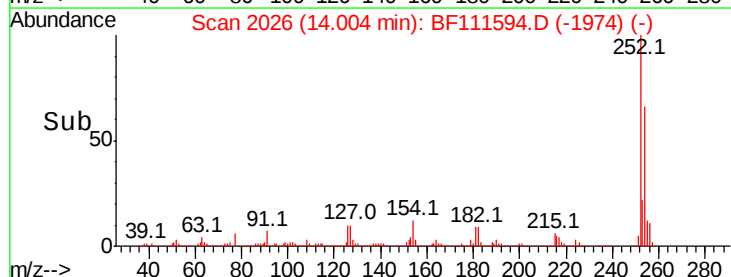
126 9.7 11.1 16.7#

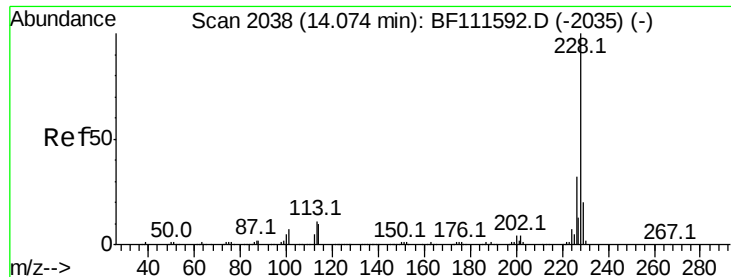


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.436 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

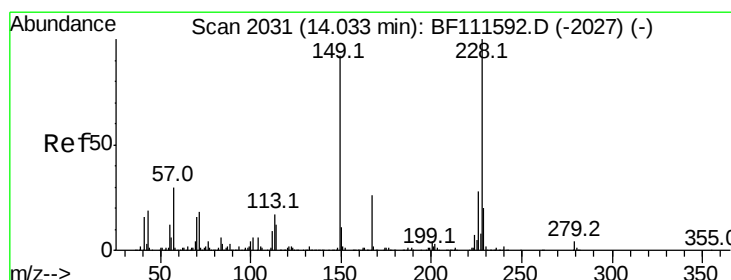
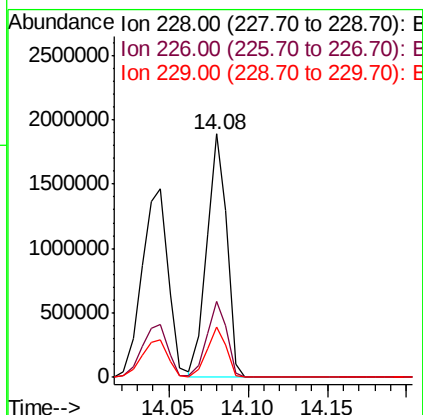
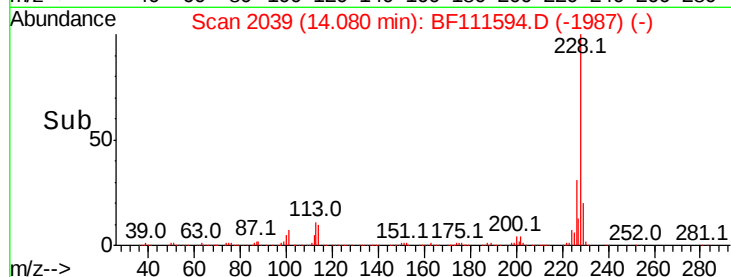
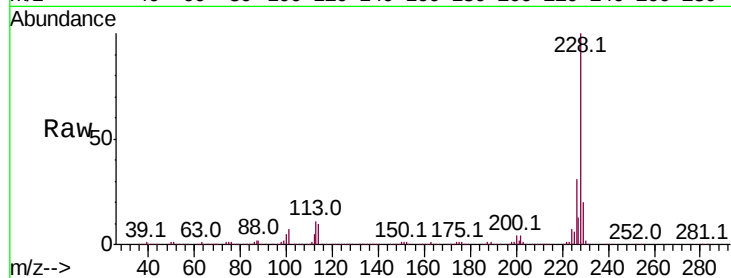
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1666758

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.3	37.9
229	20.5	17.2	25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.787 ng

RT: 14.04 min Scan# 2032

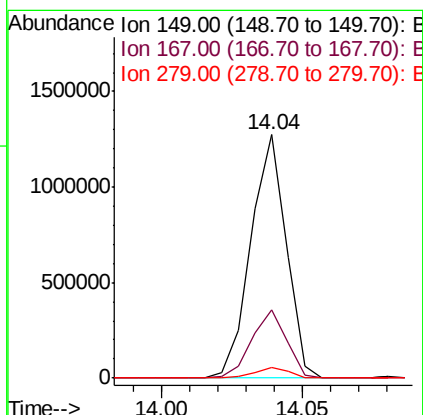
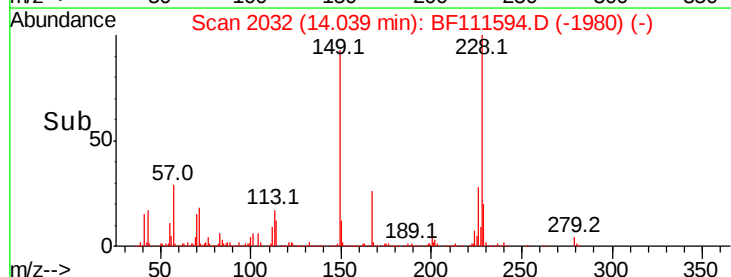
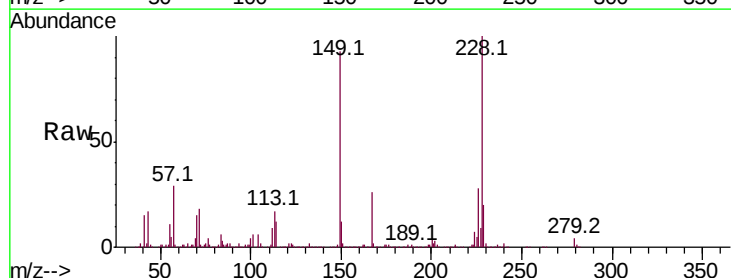
Delta R.T. 0.01 min

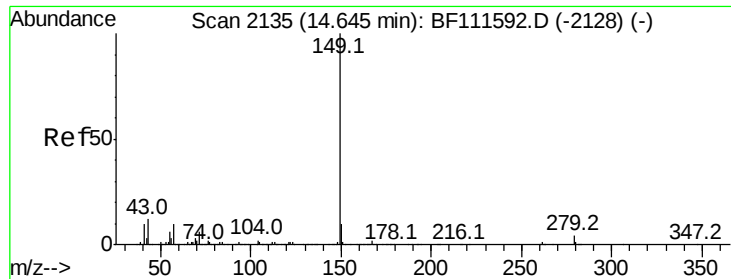
Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Tgt Ion:149 Resp: 1104125

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	4.1	2.6	4.0

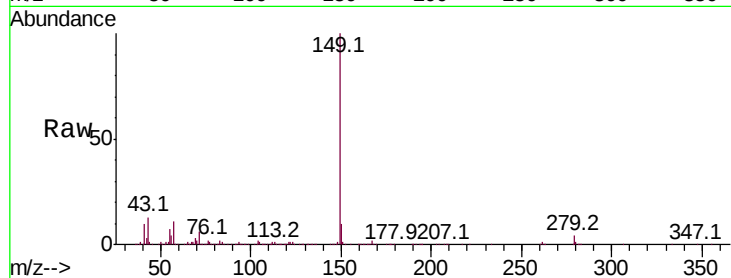




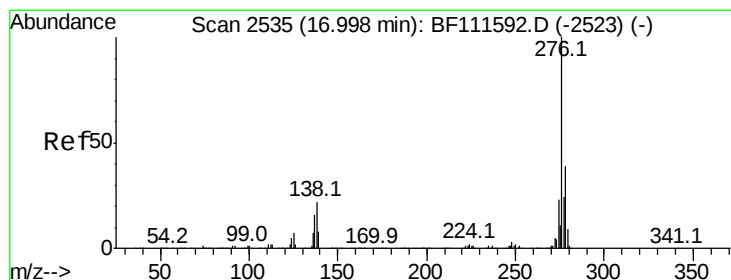
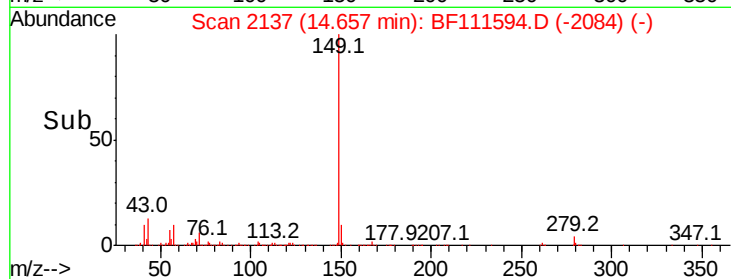
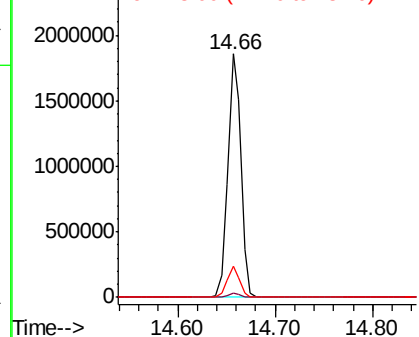
#85
Di-n-octyl phthalate
Concen: 44.576 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1701649
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 10.9 16.3

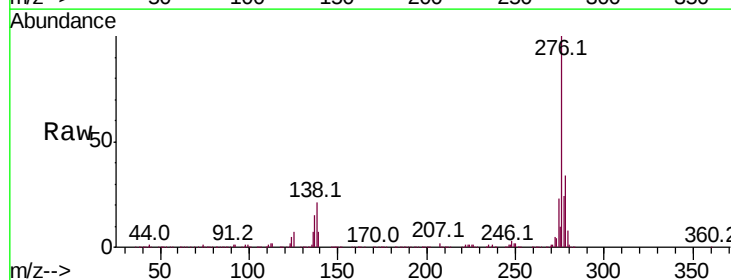


Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

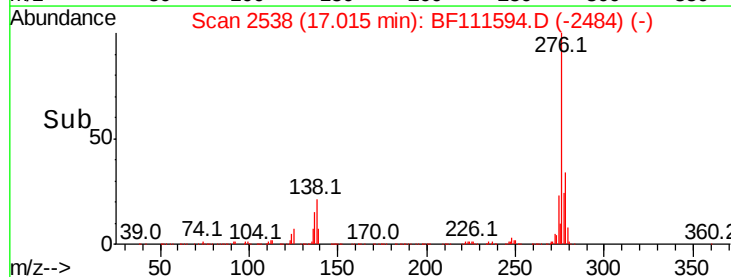
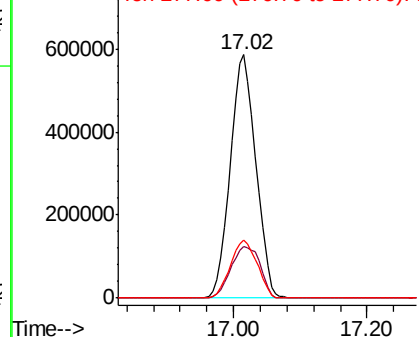


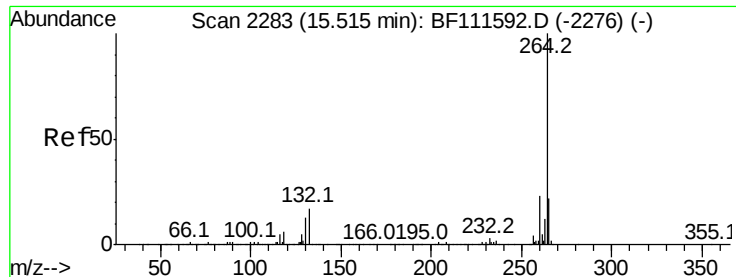
#86
Indeno(1,2,3-cd)pyrene
Concen: 74.006 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:276 Resp: 1577473
Ion Ratio Lower Upper
276 100
138 24.3 27.8 41.6#
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



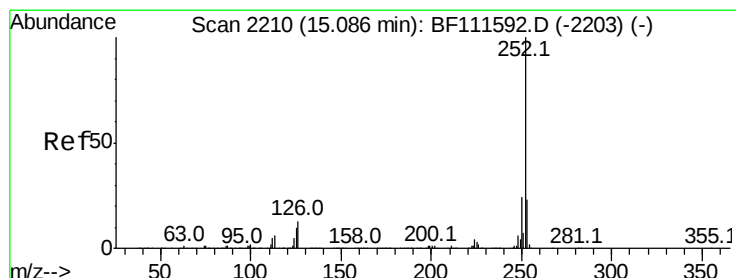
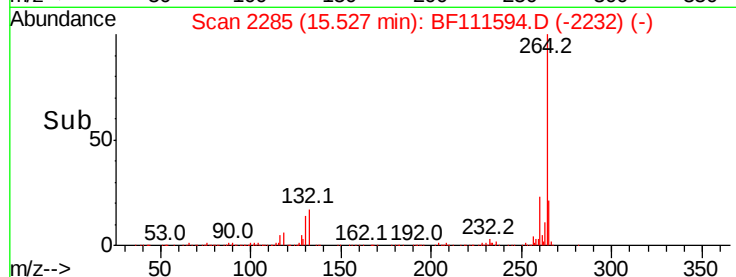
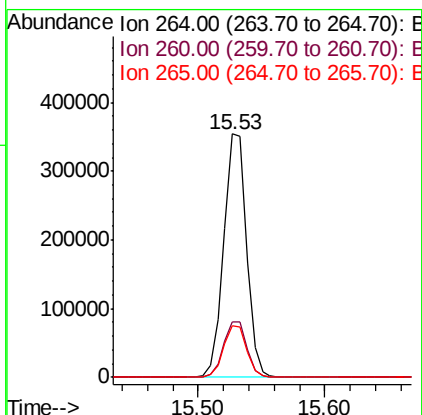
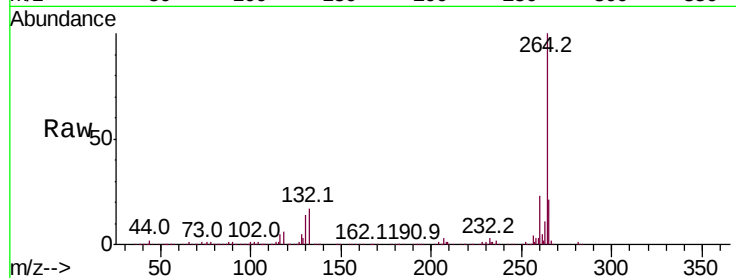


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 441736

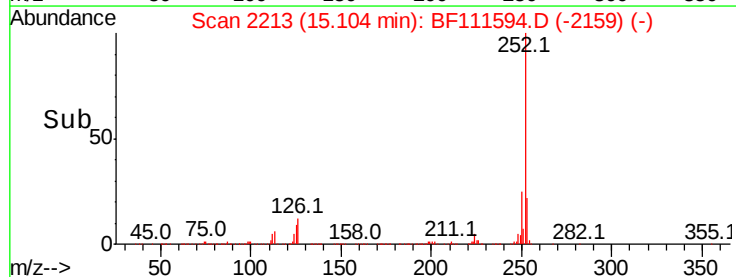
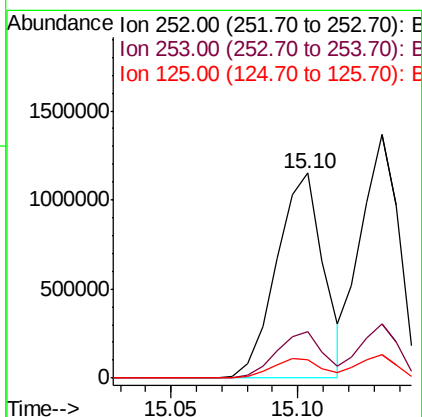
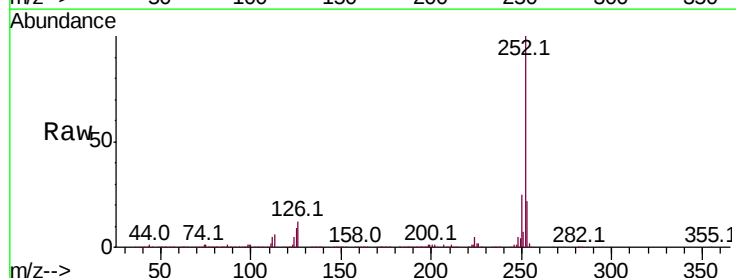
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.1	17.7	26.5

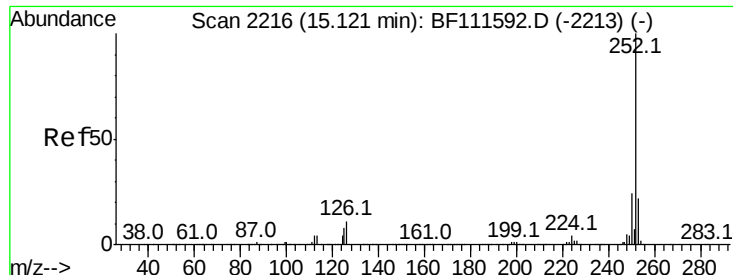


#88
Benzo(b)fluoranthene
Concen: 57.382 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:252 Resp: 1477815

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.1	10.4	15.6#

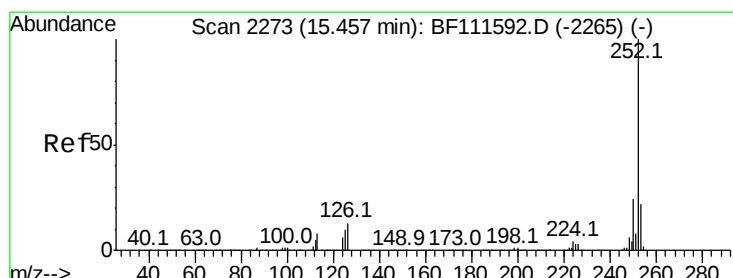
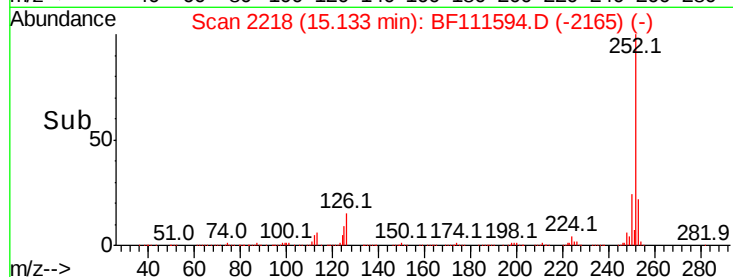
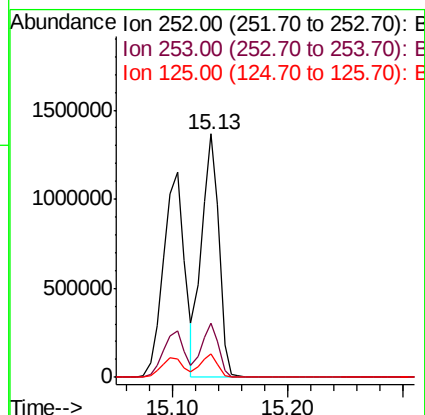
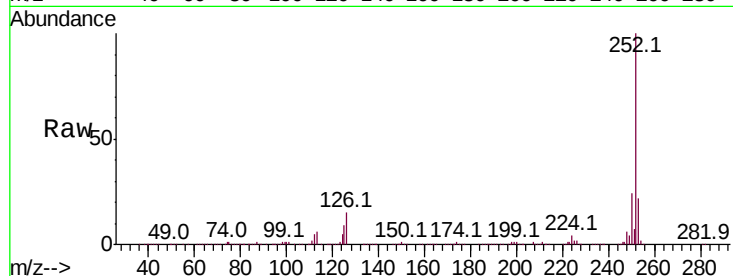




#89
Benzo(k)fluoranthene
Concen: 58.293 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

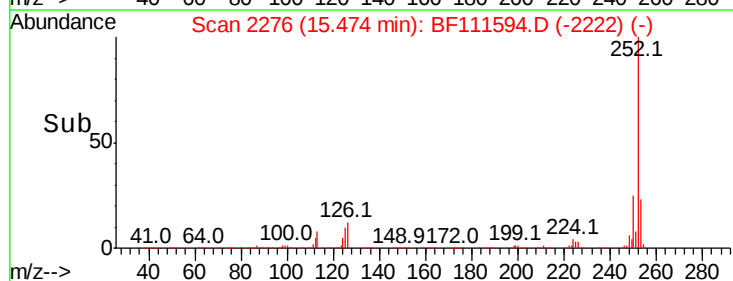
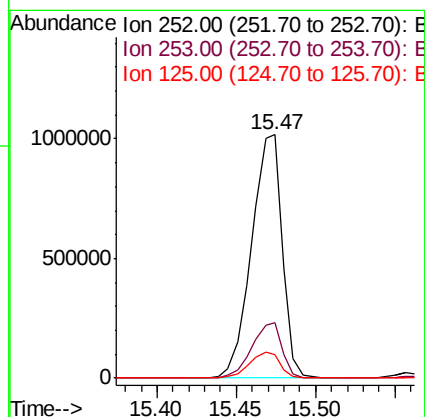
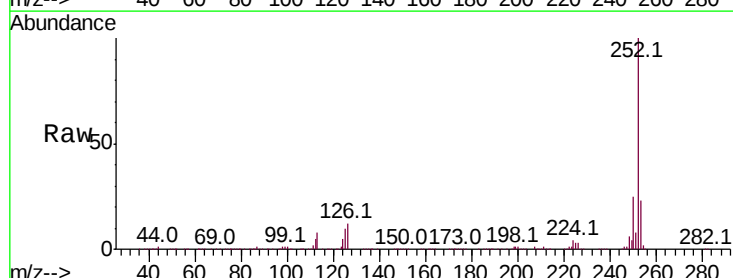
Instrument :
BNA_F
ClientSampleId :

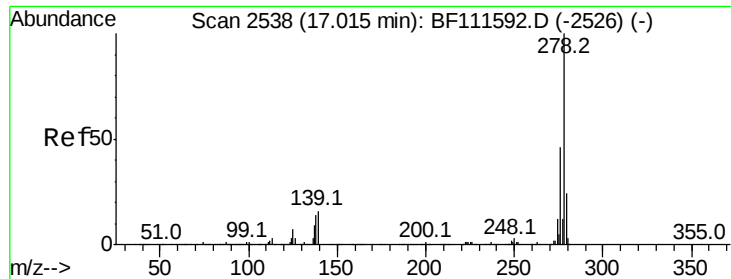
Tot Ion:252 Resp: 1434478
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 9.4 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 59.071 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF111594.D
Acq: 19 Dec 2018 16:37

Tgt Ion:252 Resp: 1371854
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.8 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 71.279 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.02 min

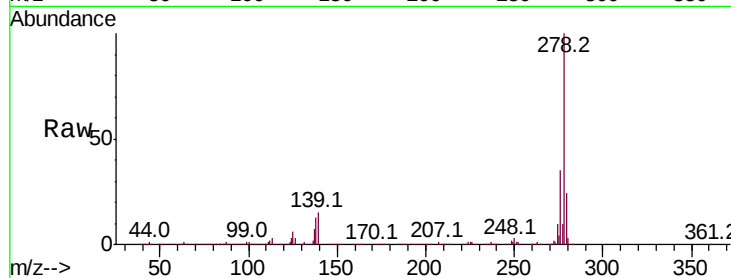
Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1305805

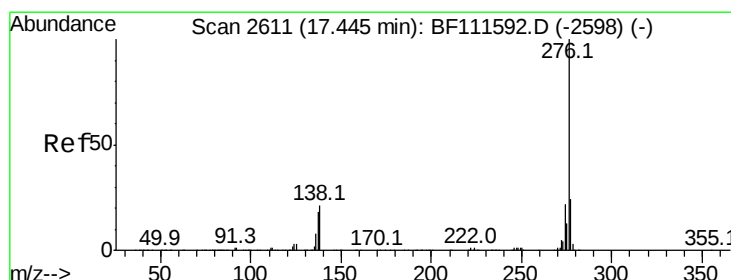
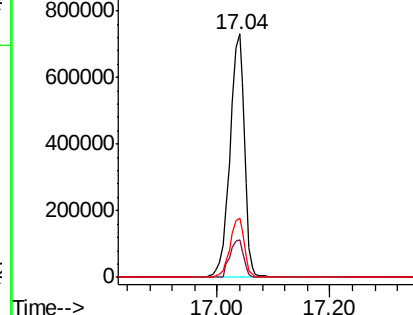
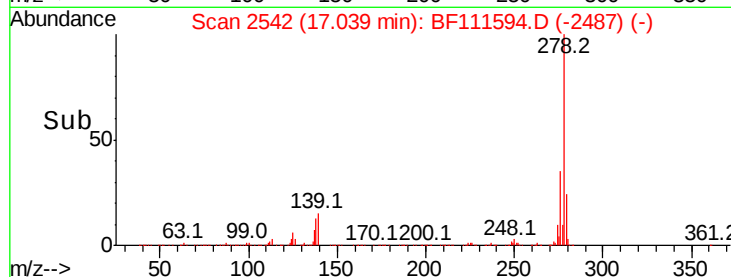
Ion	Ratio	Lower	Upper
278	100		
139	15.3	18.2	27.4#
279	24.2	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

1000000 Ion 139.00 (138.70 to 139.70): E

800000 Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 72.285 ng

RT: 17.47 min Scan# 2615

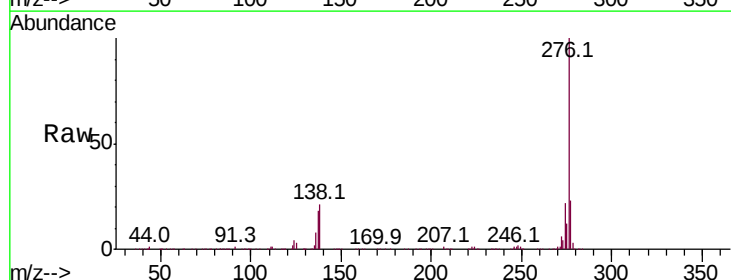
Delta R.T. 0.02 min

Lab File: BF111594.D

Acq: 19 Dec 2018 16:37

Tgt Ion:276 Resp: 1299851

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.2	28.8
138	20.8	24.9	37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 277.00 (276.70 to 277.70): E

600000 Ion 138.00 (137.70 to 138.70): E

