

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111591.D
 Acq On : 19 Dec 2018 15:05
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 16:20:24 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	221344	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	825338	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	418461	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	785278	20.00	ng	0.00
76) Chrysene-d12	14.05	240	649550	20.00	ng	0.00
87) Perylene-d12	15.52	264	510756	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	670370	50.40	ng	0.00
7) Phenol-d6	6.52	99	855795	48.37	ng	0.00
23) Nitrobenzene-d5	7.46	82	723507	52.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	257897	68.80	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1515355	55.94	ng	0.00
79) Terphenyl-d14	13.00	244	1711135	61.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	152291	23.706	ng	98
3) Pyridine	3.46	79	409889	25.404	ng	99
4) n-Nitrosodimethylamine	3.40	42	196236	26.776	ng	# 86
6) Aniline	6.56	93	545498	24.855	ng	98
8) 2-Chlorophenol	6.68	128	374120	23.540	ng	96
9) Benzaldehyde	6.44	77	295359	27.522	ng	95
10) Phenol	6.53	94	445470	22.601	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	357445	23.134	ng	96
12) 1,3-Dichlorobenzene	6.84	146	433832	24.798	ng	99
13) 1,4-Dichlorobenzene	6.92	146	438624	24.701	ng	98
14) 1,2-Dichlorobenzene	7.07	146	412131	24.670	ng	97
15) Benzyl Alcohol	7.03	79	340051	25.259	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	669743	22.201	ng	98
17) 2-Methylphenol	7.14	107	298416	23.331	ng	97
18) Hexachloroethane	7.42	117	148629	22.490	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	281448	24.111	ng	95
20) 3+4-Methylphenols	7.29	107	386755	24.105	ng	# 84
22) Acetophenone	7.30	105	534009	28.984	ng	# 92
24) Nitrobenzene	7.47	77	383157	27.100	ng	98
25) Isophorone	7.71	82	636869	27.157	ng	97
26) 2-Nitrophenol	7.79	139	154777	21.109	ng	93
27) 2,4-Dimethylphenol	7.82	122	294965	27.749	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	427023	26.377	ng	98
29) 2,4-Dichlorophenol	8.03	162	325845	28.716	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	364744	30.705	ng	96
31) Naphthalene	8.20	128	1022999	26.501	ng	97
32) Benzoic acid	7.91	122	116119	12.641	ng	90
33) 4-Chloroaniline	8.24	127	444150	25.874	ng	99
34) Hexachlorobutadiene	8.32	225	221602	33.861	ng	99
35) Caprolactam	8.60	113	110239	26.166	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	320194	25.635	ng	98
37) 2-Methylnaphthalene	8.89	142	666522	25.516	ng	100
38) 1-Methylnaphthalene	8.99	142	643639	25.505	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	357057	31.114	ng	# 97

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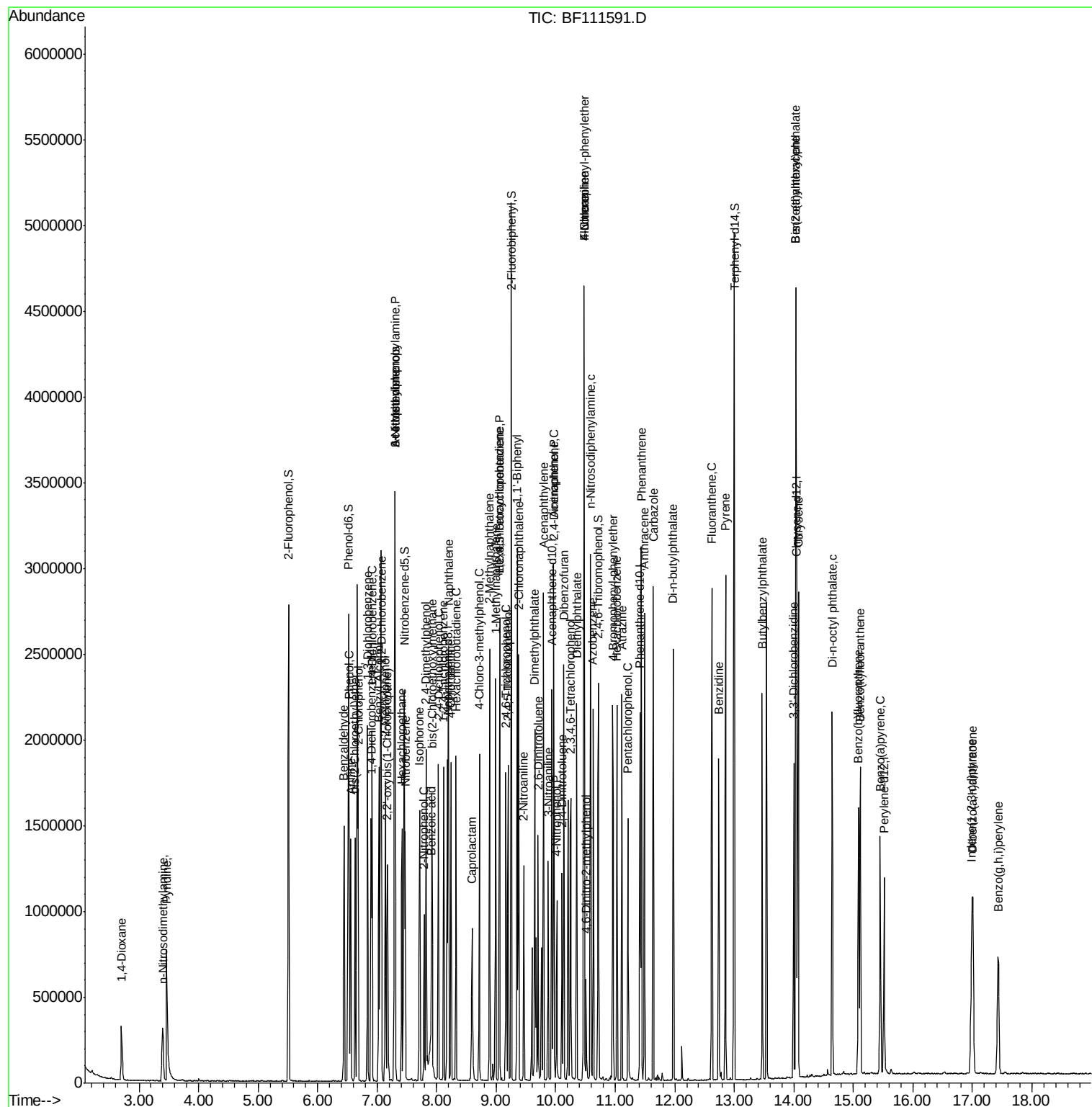
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	174152	29.558	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	238794	29.400	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	243238	28.143	ng	93
46) 1,1'-Biphenyl	9.35	154	925322	26.097	ng	96
47) 2-Chloronaphthalene	9.37	162	729384	27.063	ng	93
48) 2-Nitroaniline	9.46	65	175809	20.090	ng	97
49) Acenaphthylene	9.79	152	1058622	26.462	ng	95
50) Dimethylphthalate	9.65	163	793714	26.337	ng	97
51) 2,6-Dinitrotoluene	9.70	165	151712	22.365	ng #	81
52) Acenaphthene	9.96	154	651319	25.759	ng	98
53) 3-Nitroaniline	9.87	138	170853	20.736	ng #	96
54) 2,4-Dinitrophenol	9.97	184	35974	13.939	ng #	1
55) Dibenzofuran	10.14	168	991541	27.016	ng	92
56) 4-Nitrophenol	10.02	139	129518	22.714	ng	87
57) 2,4-Dinitrotoluene	10.10	165	178544	20.053	ng	89
58) Fluorene	10.48	166	712204	26.753	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	205043	30.364	ng #	89
60) Diethylphthalate	10.35	149	776128	25.424	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	395206	30.343	ng	95
62) 4-Nitroaniline	10.48	138	154327	18.921	ng	90
63) Azobenzene	10.63	77	777320	25.829	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	66182	14.929	ng #	75
66) n-Nitrosodiphenylamine	10.59	169	688352	25.419	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	257797	30.459	ng	97
68) Hexachlorobenzene	11.03	284	281900	32.379	ng	96
69) Atrazine	11.11	200	236549	30.226	ng	98
70) Pentachlorophenol	11.22	266	175222	32.813	ng	94
71) Phenanthrene	11.44	178	1085899	26.836	ng	95
72) Anthracene	11.49	178	1101610	26.621	ng	95
73) Carbazole	11.64	167	1055046	24.655	ng	95
74) Di-n-butylphthalate	11.97	149	1204987	25.284	ng	96
75) Fluoranthene	12.62	202	1118661	28.259	ng	96
77) Benzidine	12.74	184	633527	26.532	ng	98
78) Pyrene	12.85	202	1143546	24.971	ng	96
80) Butylbenzylphthalate	13.47	149	474610	21.262	ng	97
81) Benzo(a)anthracene	14.03	228	939191	26.592	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	389242	27.110	ng #	95
83) Chrysene	14.07	228	916644	24.637	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	607092	21.293	ng #	99
85) Di-n-octyl phthalate	14.64	149	932920	19.399	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	683598	25.457	ng #	90
88) Benzo(b)fluoranthene	15.09	252	756178	25.394	ng #	95
89) Benzo(k)fluoranthene	15.12	252	775526	27.256	ng #	97
90) Benzo(a)pyrene	15.45	252	695506	25.901	ng #	95
91) Dibenzo(a,h)anthracene	17.01	278	574554	27.124	ng #	92
92) Benzo(g,h,i)perylene	17.43	276	550514	26.477	ng #	90

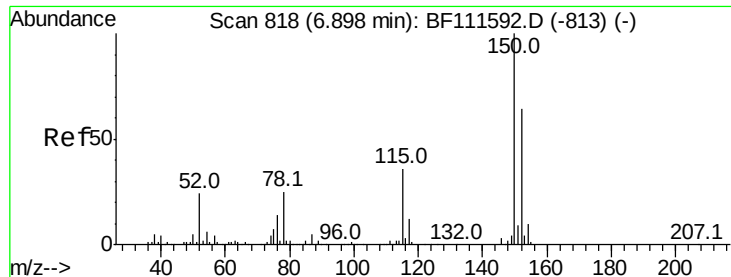
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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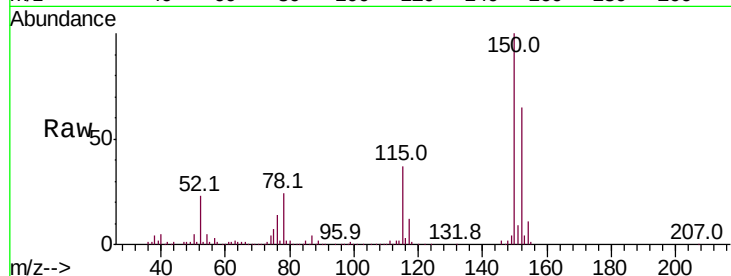


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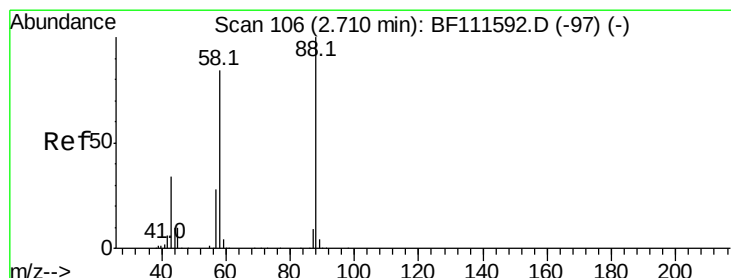
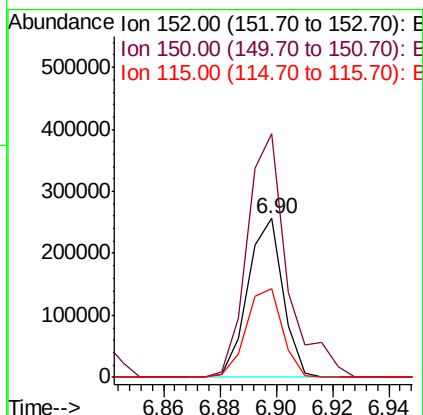
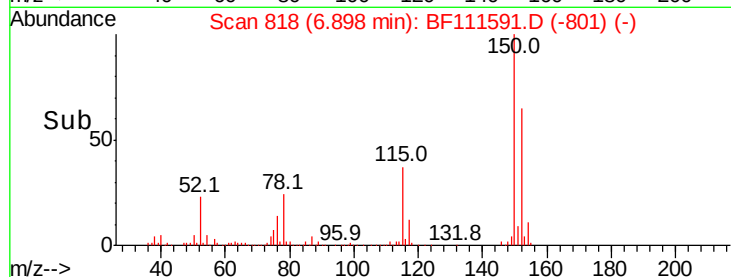
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 221344
Ion Ratio Lower Upper
152 100
150 153.6 126.6 189.8
115 56.3 50.7 76.1



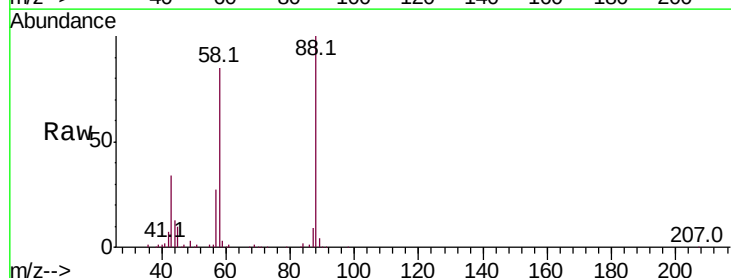
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



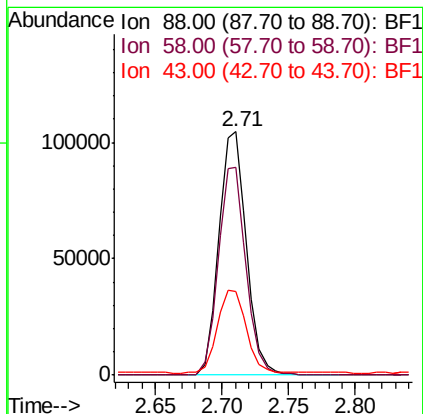
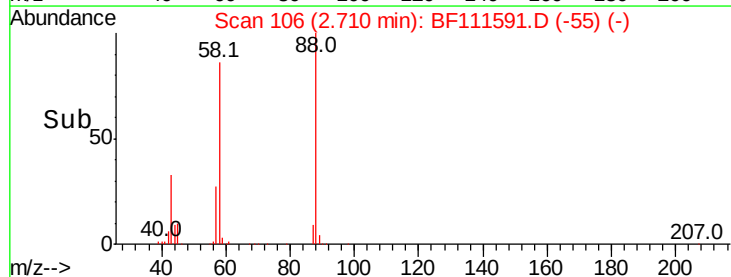
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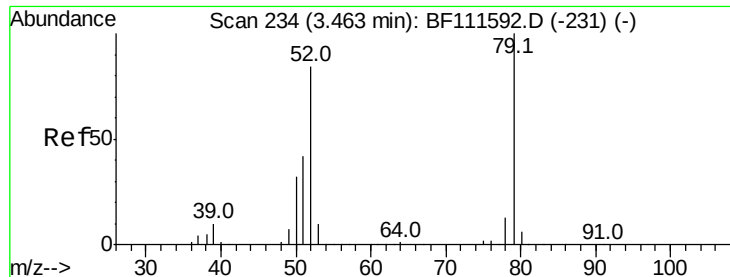
1,4-Dioxane
Concen: 23.706 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion: 88 Resp: 152291
Ion Ratio Lower Upper
88 100
58 85.5 68.9 103.3
43 35.5 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

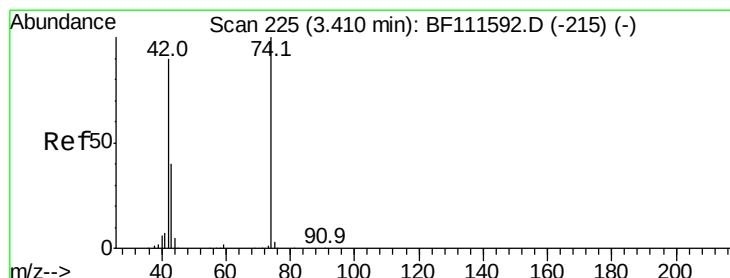
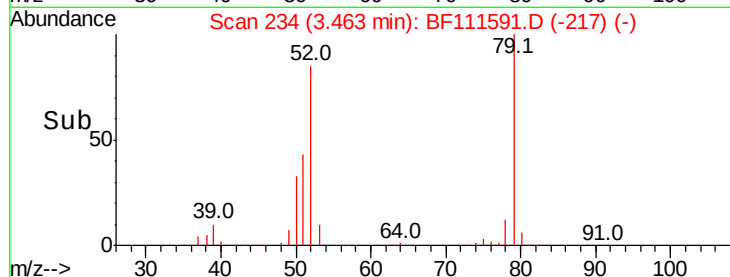
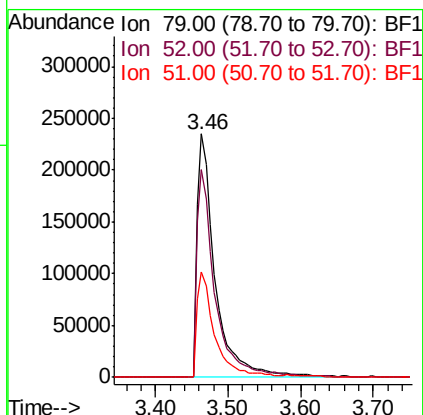
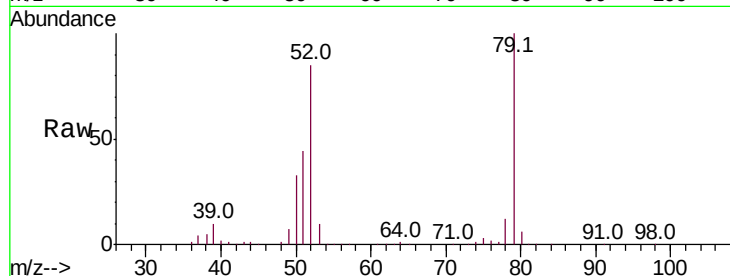




#3
 Pvridine
 Concen: 25.404 ng
 RT: 3.46 min Scan# 234
 Delta R.T. -0.00 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

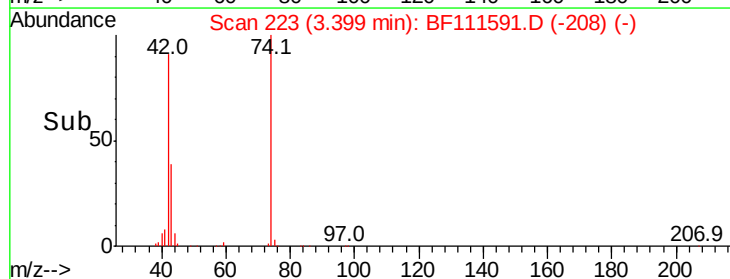
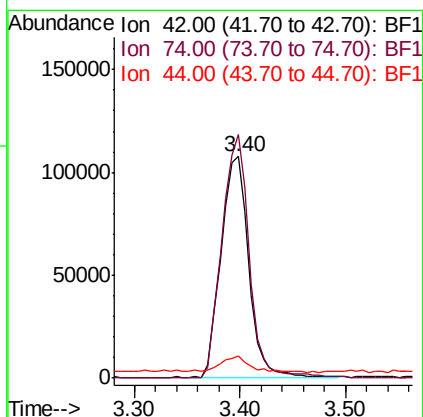
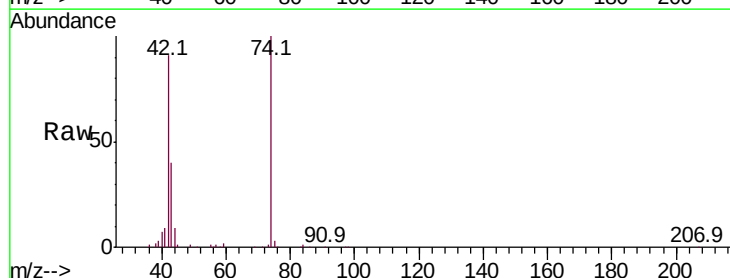
Instrument :
 BNA_F
 ClientSampleId :

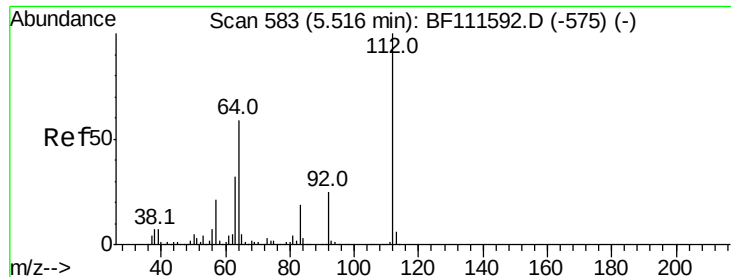
Tot Ion: 79 Resp: 409889
 Ion Ratio Lower Upper
 79 100
 52 85.5 68.3 102.5
 51 43.5 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 26.776 ng
 RT: 3.40 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion: 42 Resp: 196236
 Ion Ratio Lower Upper
 42 100
 74 110.0 101.5 152.3
 44 10.1 6.0 9.0#





#5

2-Fluorophenol

Concen: 50.398 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

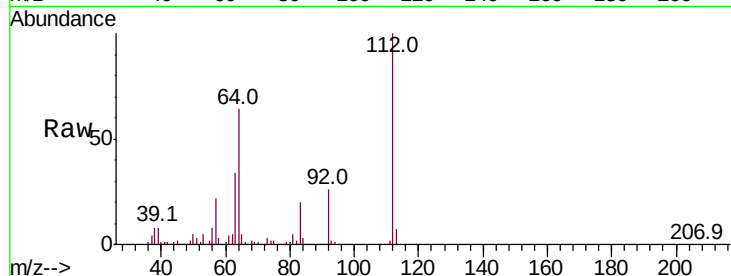
Tot Ion:112 Resp: 670370

Ion Ratio Lower Upper

112 100

64 63.5 51.8 77.6

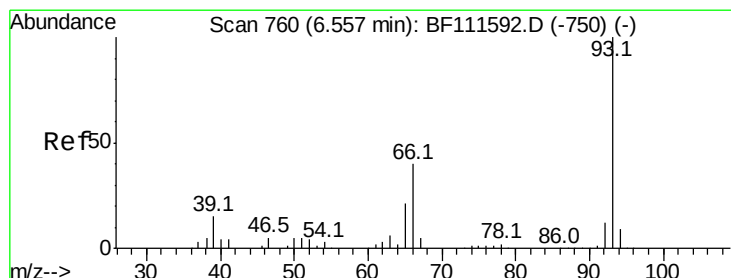
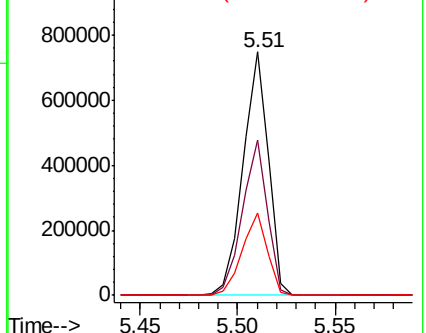
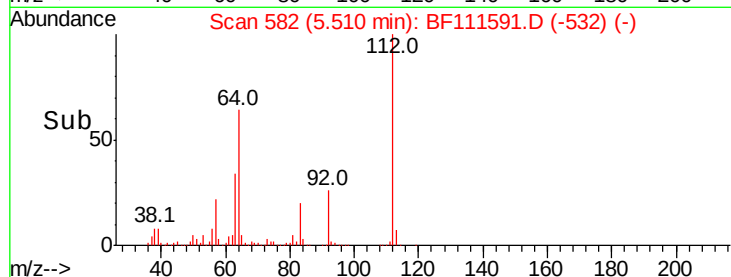
63 33.8 26.8 40.2



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: 24.855 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

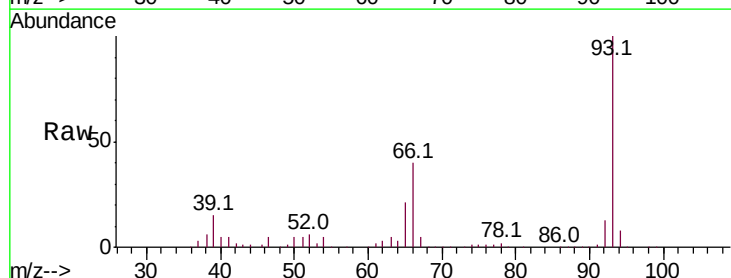
Tgt Ion: 93 Resp: 545498

Ion Ratio Lower Upper

93 100

66 39.7 33.2 49.8

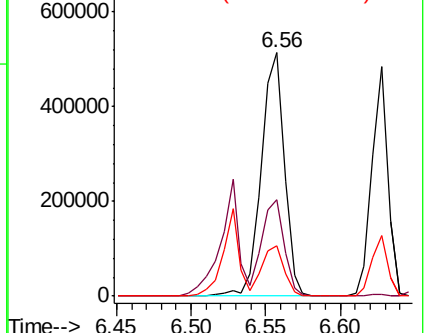
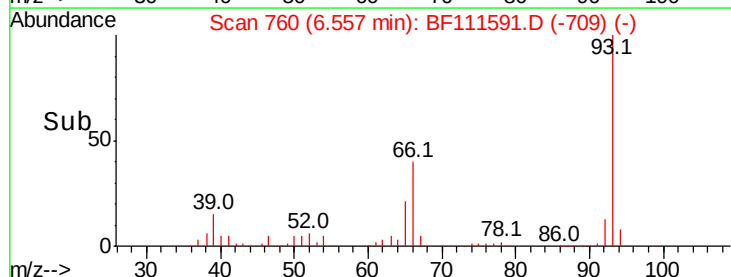
65 20.7 17.0 25.4

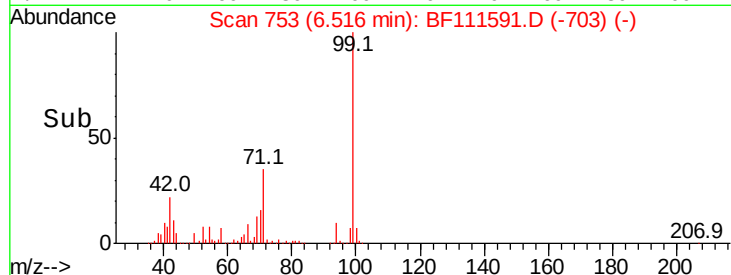
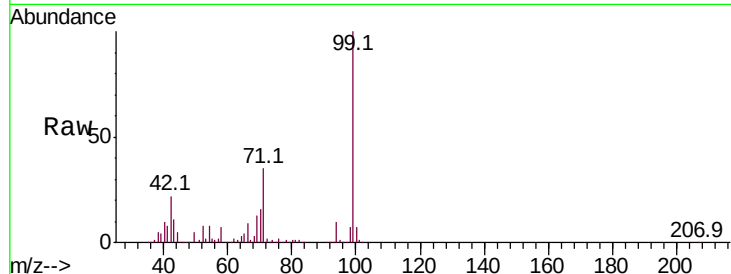
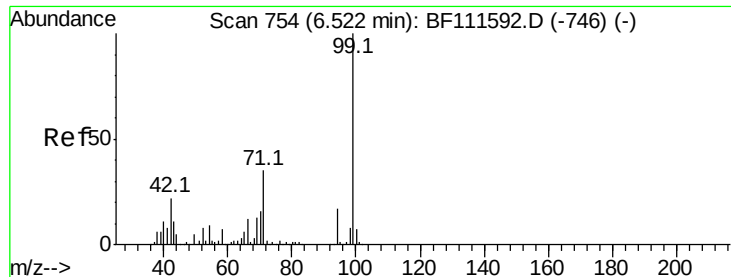


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.368 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

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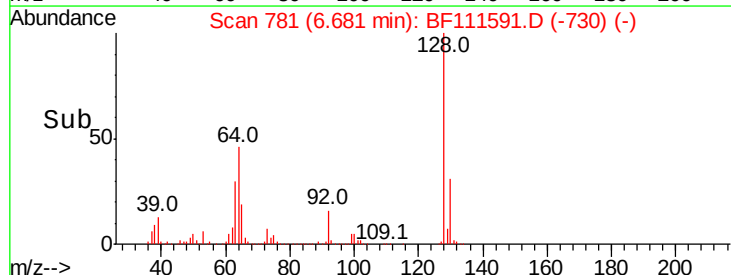
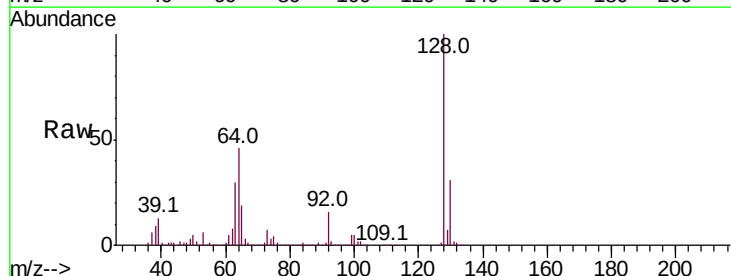
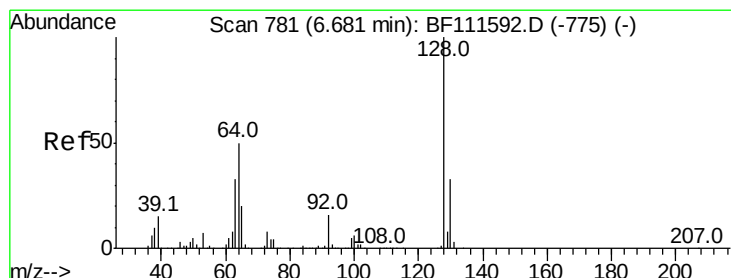
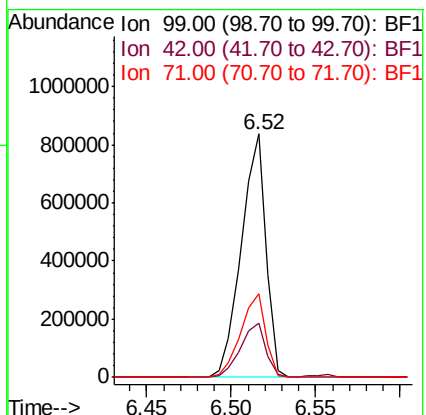
Tot Ion: 99 Resp: 855795

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 34.6 26.1 39.1



#8

2-Chlorophenol

Concen: 23.540 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

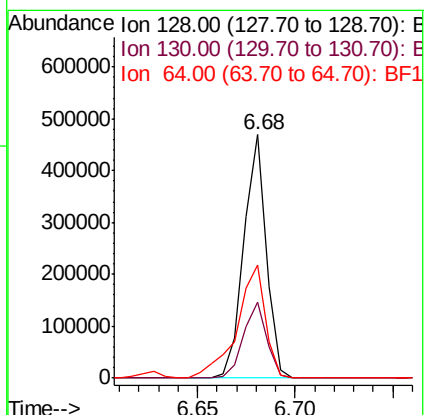
Tgt Ion:128 Resp: 374120

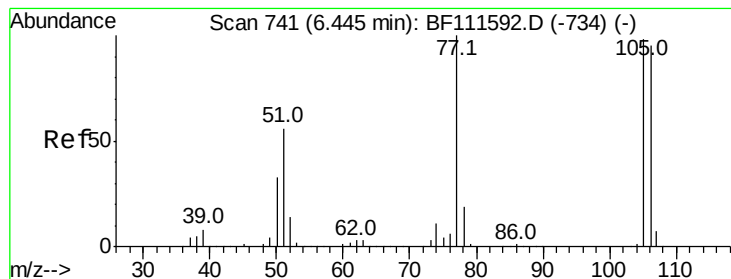
Ion Ratio Lower Upper

128 100

130 31.2 12.7 52.7

64 46.3 30.0 70.0





#9

Benzaldehyde

Concen: 27.522 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111591.D

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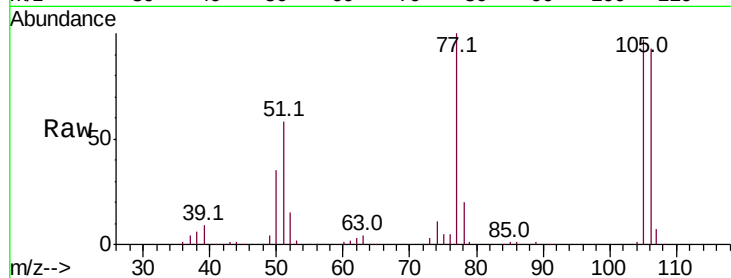
Tot Ion: 77 Resp: 295359

Ion Ratio Lower Upper

77 100

105 97.1 81.4 121.4

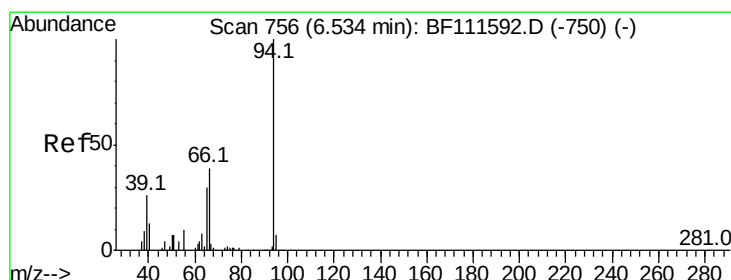
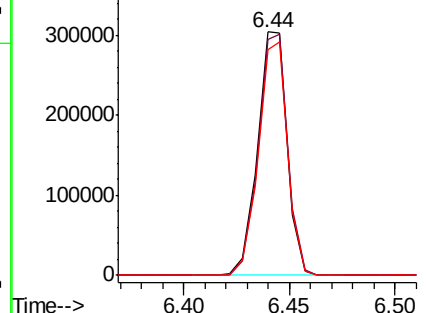
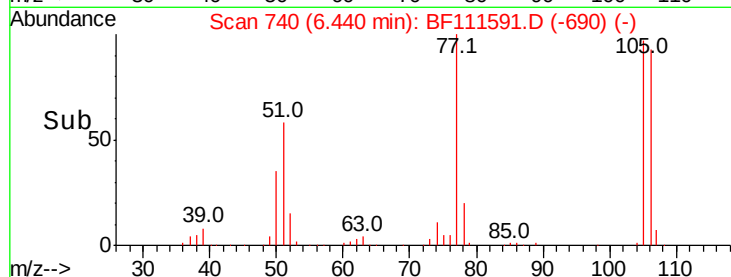
106 92.6 77.9 117.9



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: 22.601 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111591.D

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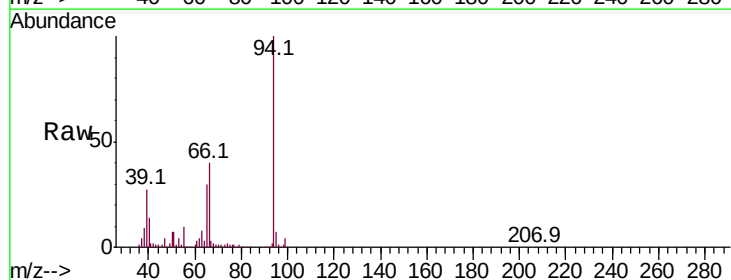
Tgt Ion: 94 Resp: 445470

Ion Ratio Lower Upper

94 100

65 29.7 11.7 51.7

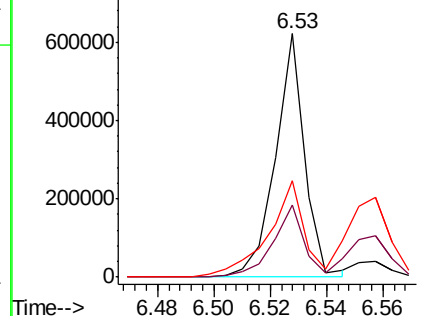
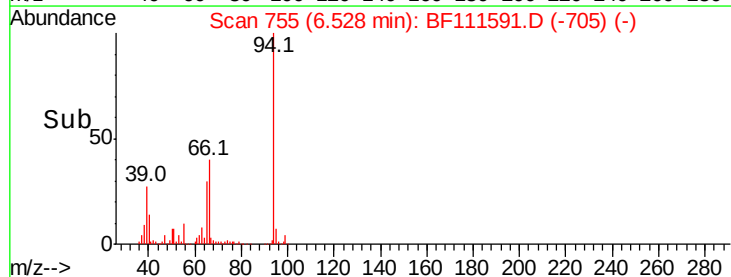
66 39.7 21.0 61.0

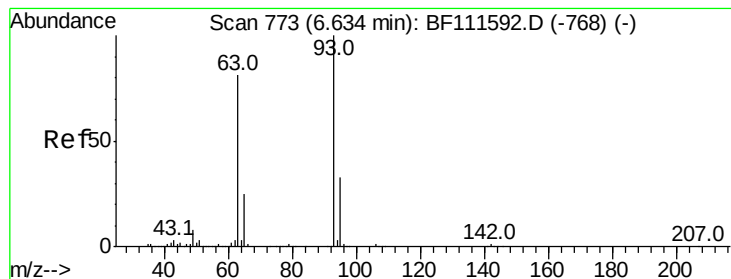


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

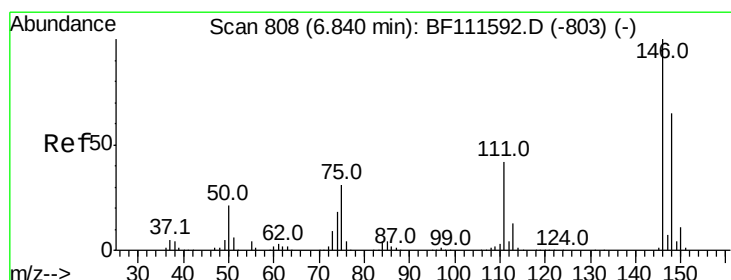
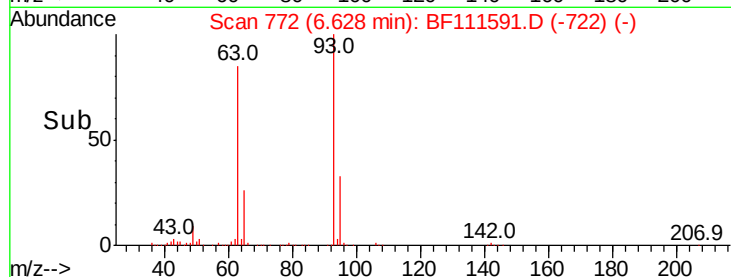
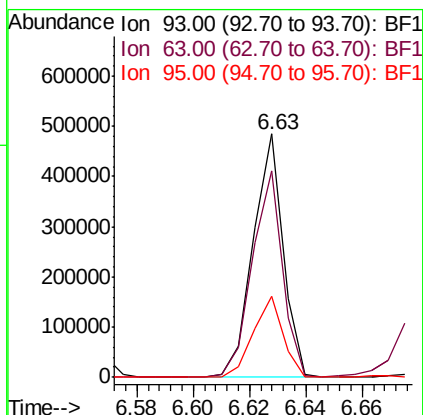
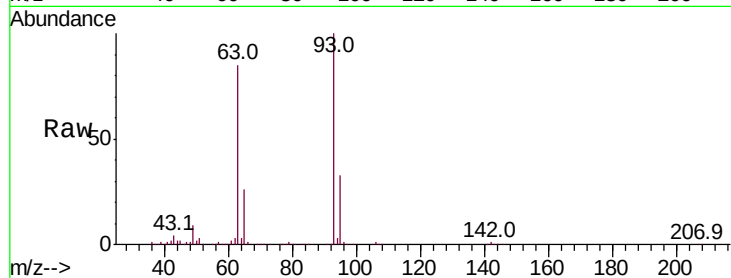




#11
bis(2-Chloroethyl)ether
Concen: 23.134 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

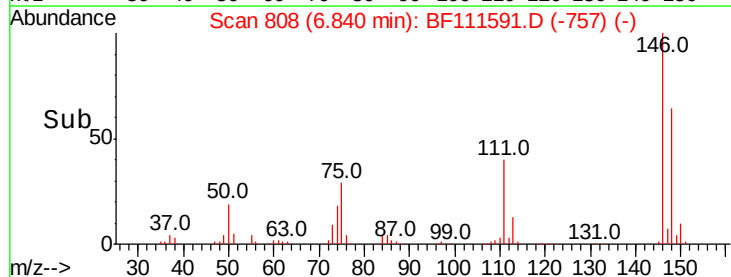
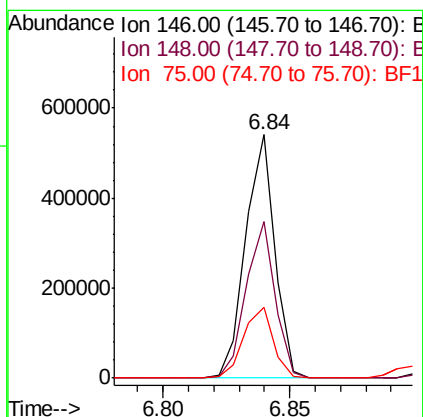
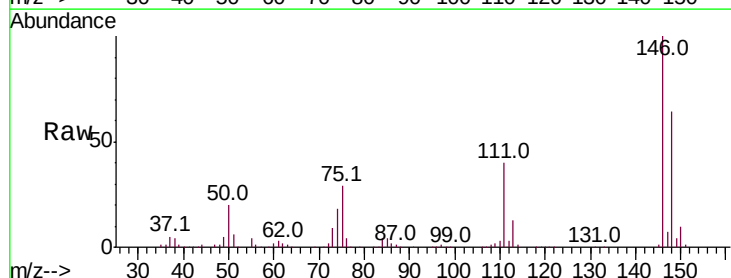
Instrument :
BNA_F
ClientSampleId :

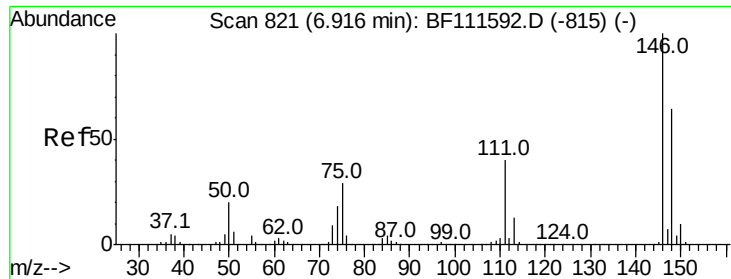
Tot Ion: 93 Resp: 357445
Ion Ratio Lower Upper
93 100
63 84.9 60.0 100.0
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 24.798 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion: 146 Resp: 433832
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
75 29.3 23.9 35.9

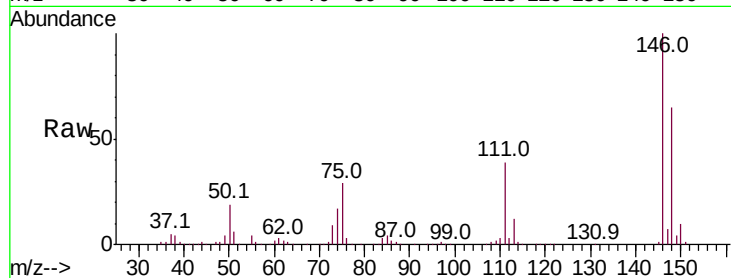




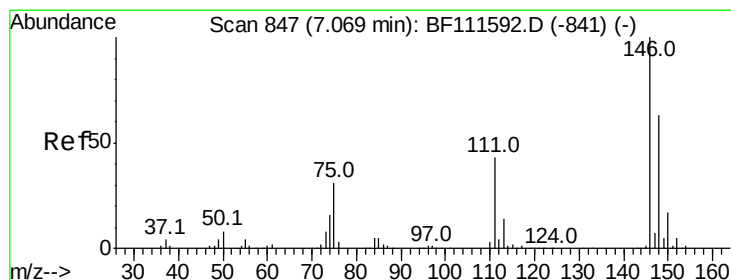
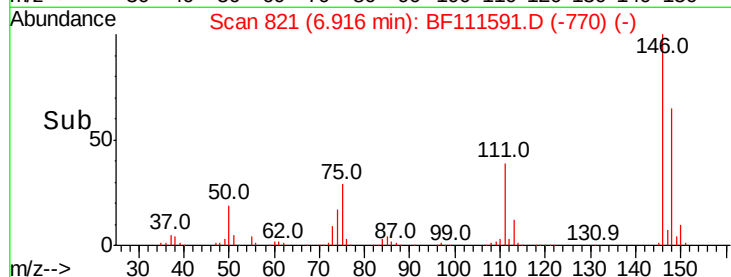
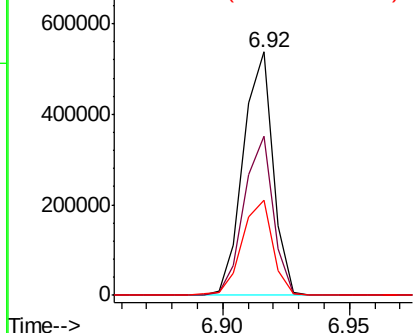
#13
 1,4-Dichlorobenzene
 Concen: 24.701 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 438624
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.8 79.2
 111 39.0 33.4 50.0

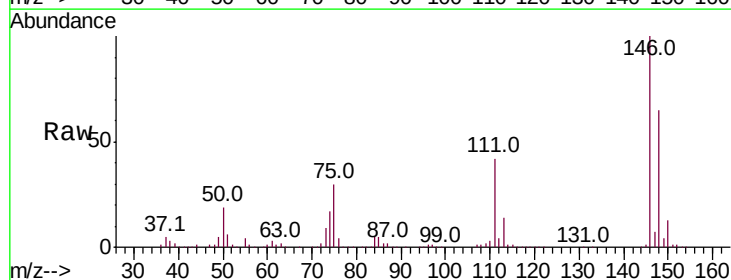


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

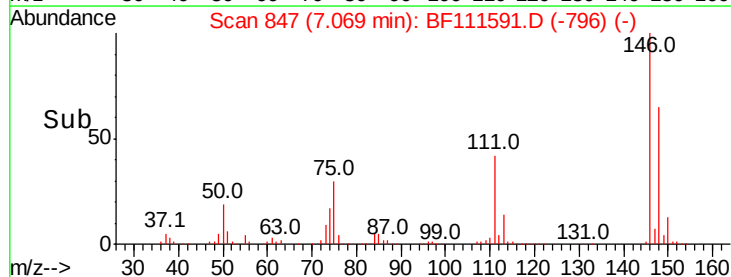
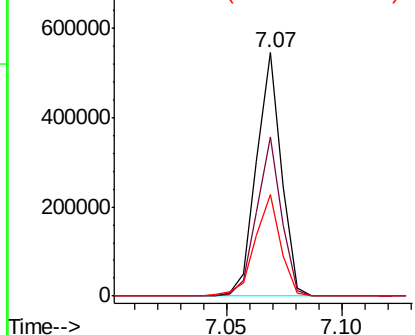


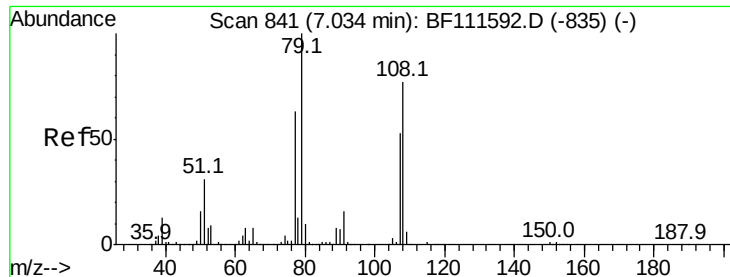
#14
 1,2-Dichlorobenzene
 Concen: 24.670 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion:146 Resp: 412131
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 41.6 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: 25.259 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

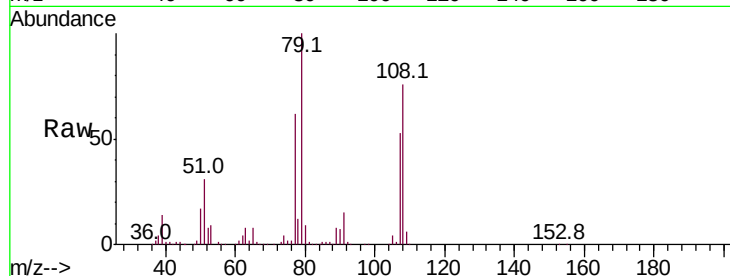
Tot Ion: 79 Resp: 340051

Ion Ratio Lower Upper

79 100

108 76.0 69.4 104.2

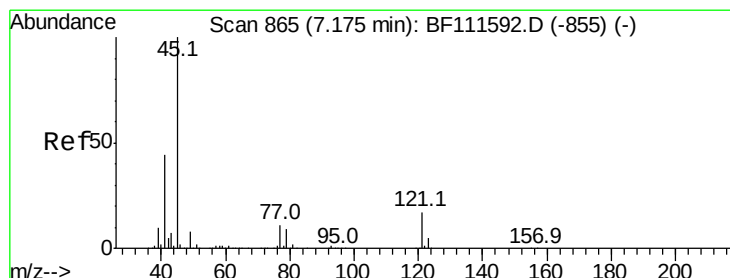
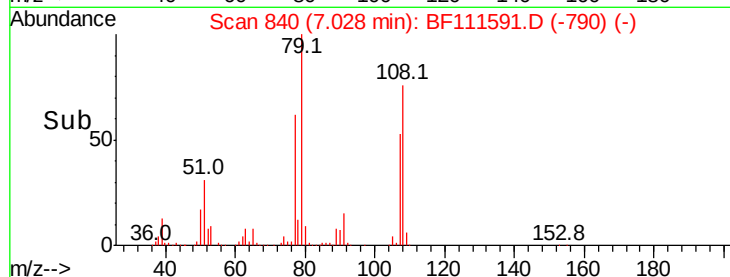
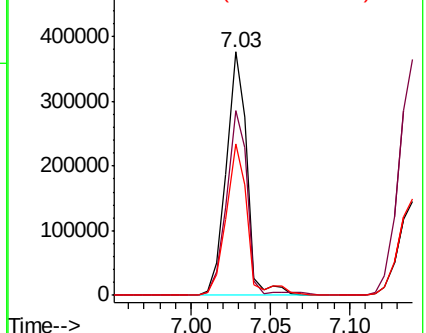
77 62.2 49.7 74.5



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: 22.201 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

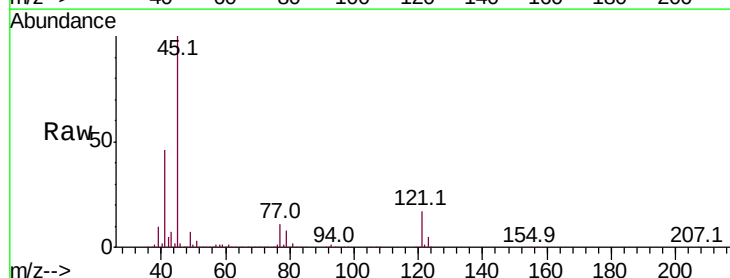
Tgt Ion: 45 Resp: 669743

Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.5

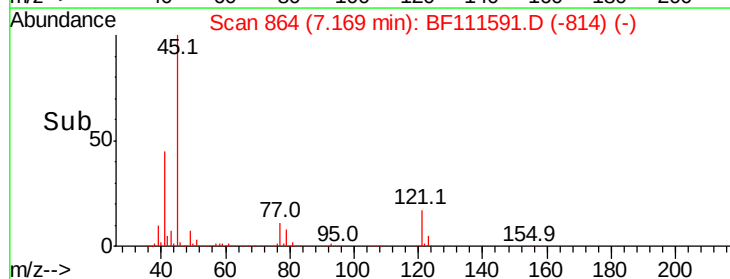
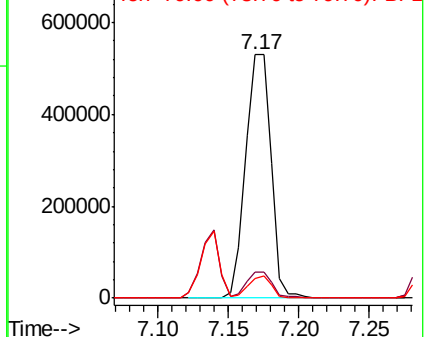
79 8.0 0.0 28.9

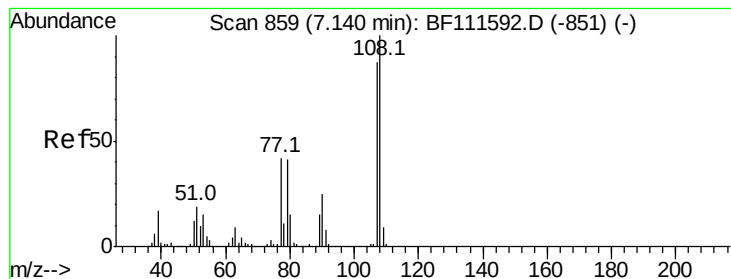


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

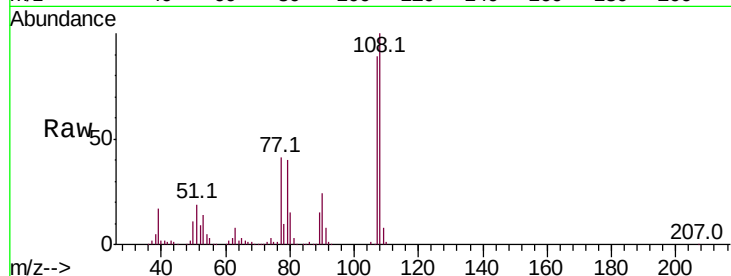




#17
2-Methylphenol
Concen: 23.331 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.0	136.4
77	45.7	33.5	50.3
79	44.8	33.3	49.9



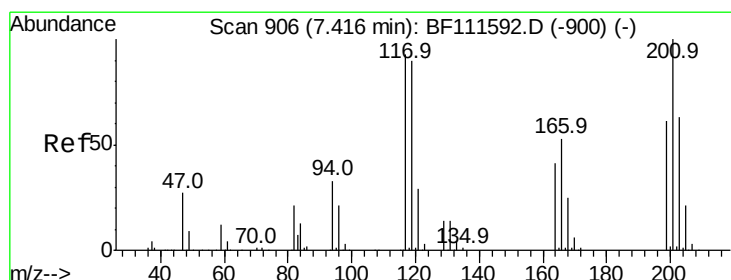
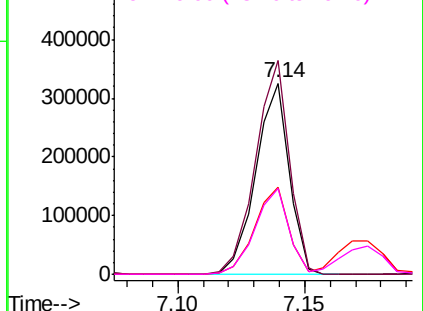
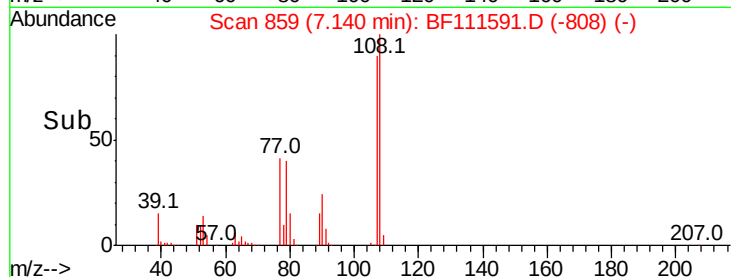
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

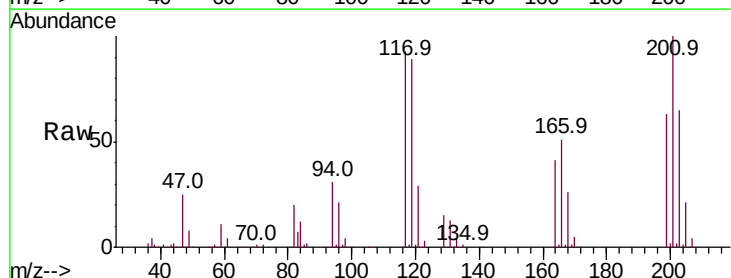
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 22.490 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	107.8	62.4	93.6

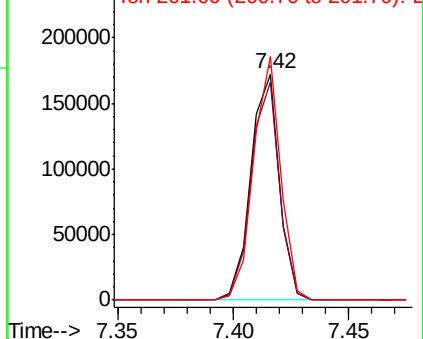
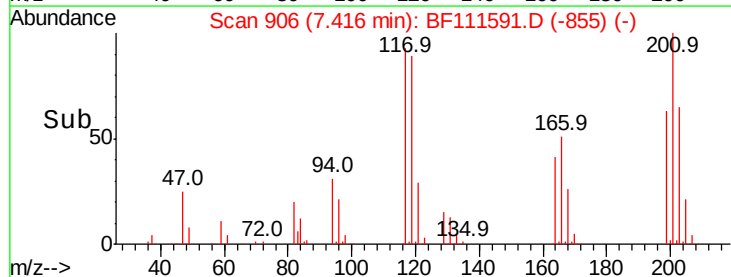


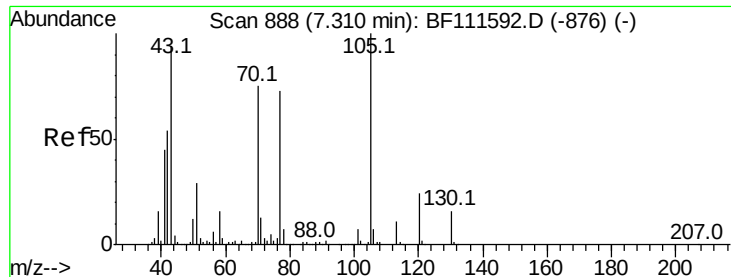
Abundance

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

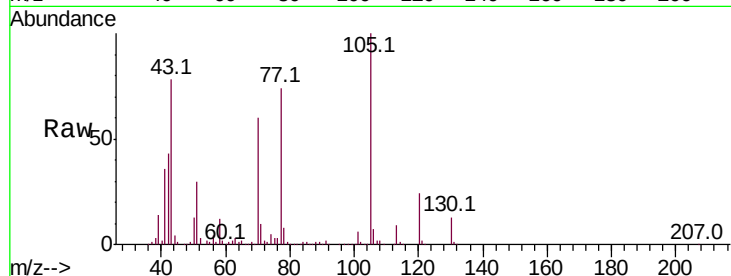




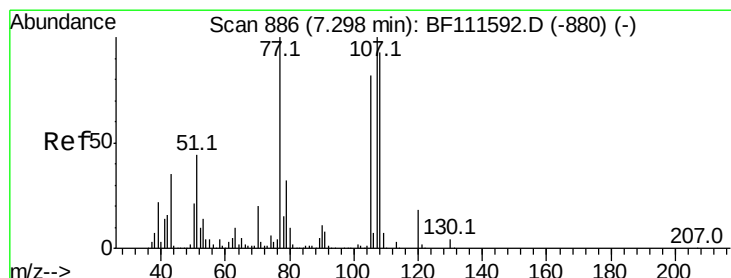
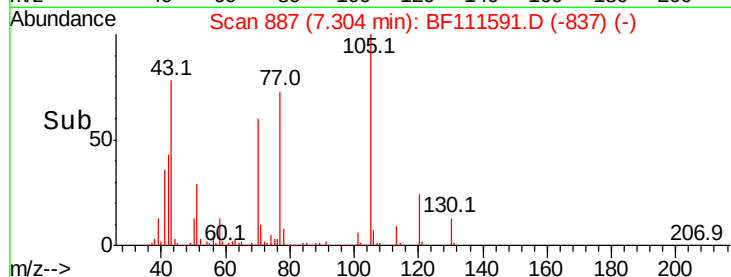
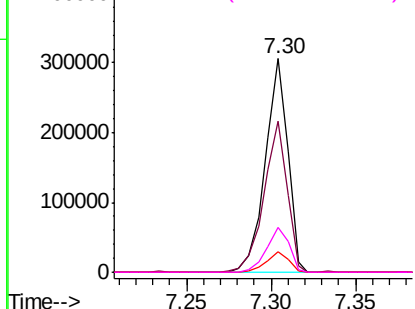
#19
n-Nitroso-di-n-propylamine
Concen: 24.111 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 281448
Ion Ratio Lower Upper
70 100
42 70.8 53.2 79.8
101 9.3 8.2 12.4
130 21.0 18.1 27.1

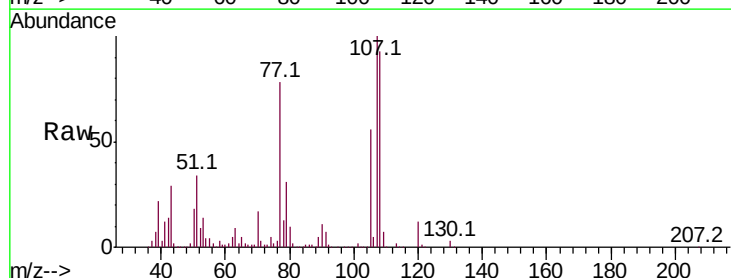


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

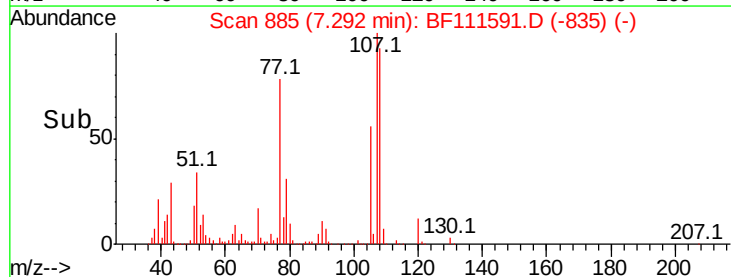
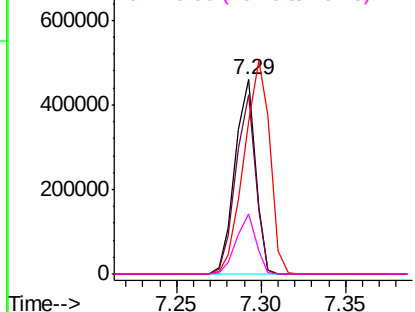


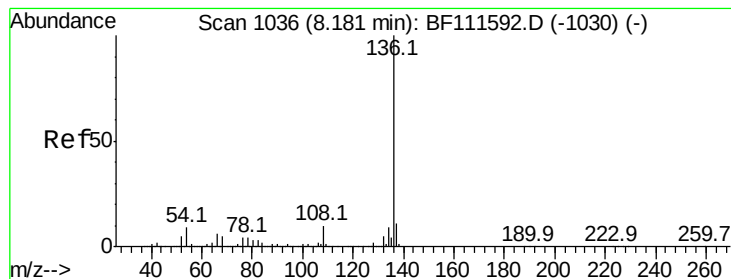
#20
3+4-Methylphenols
Concen: 24.105 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion:107 Resp: 386755
Ion Ratio Lower Upper
107 100
108 92.5 72.1 112.1
77 78.5 94.1 134.1#
79 30.7 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: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 825338

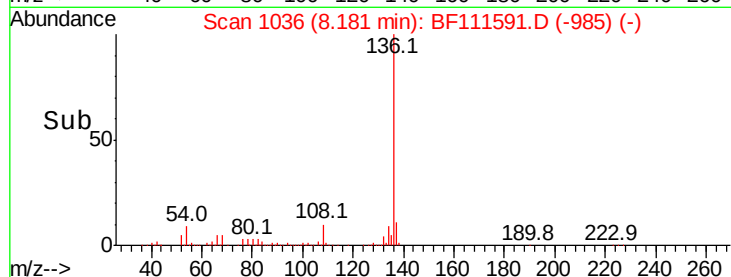
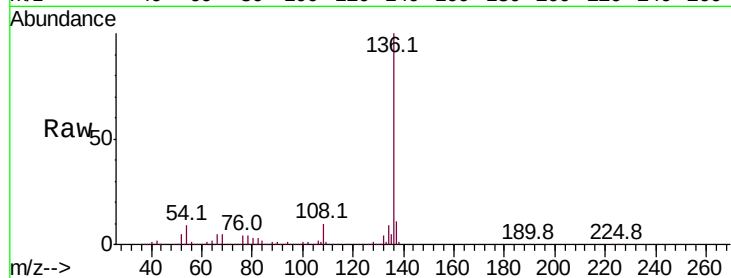
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.6 7.7 11.5

68 5.3 4.9 7.3

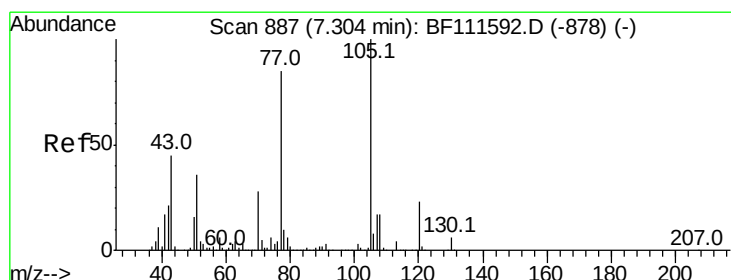
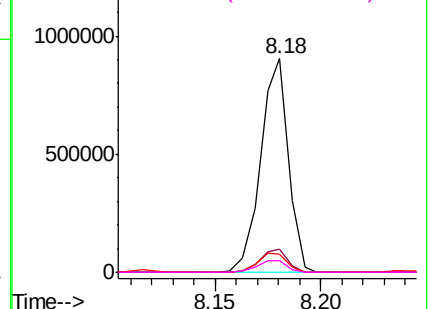


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.984 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Tgt Ion:105 Resp: 534009

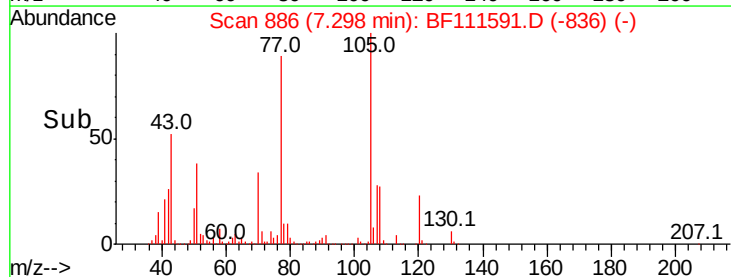
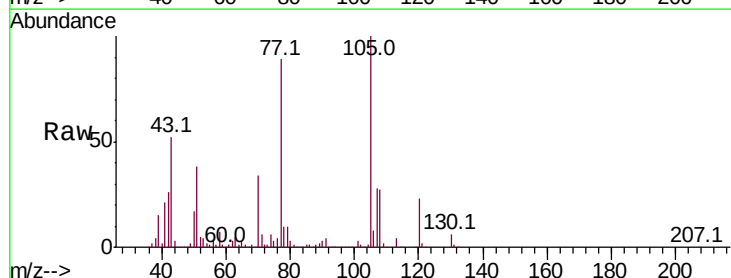
Ion Ratio Lower Upper

105 100

71 5.8 3.1 4.7#

51 37.7 36.6 54.8

120 23.2 18.2 27.4

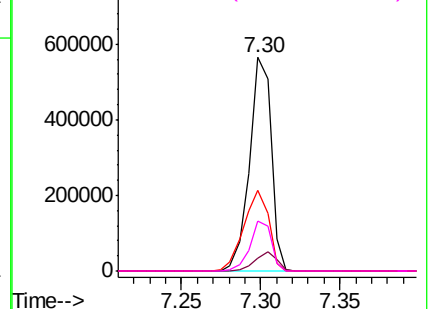


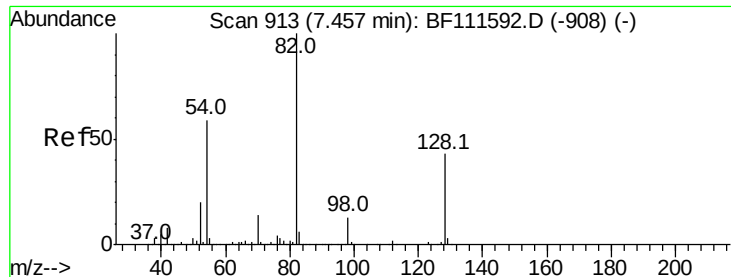
Abundance Ion 105.00 (104.70 to 105.70): E

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

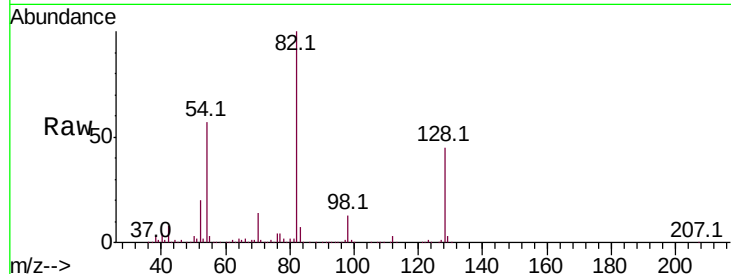




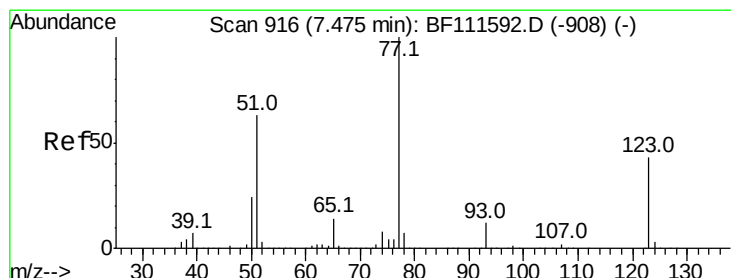
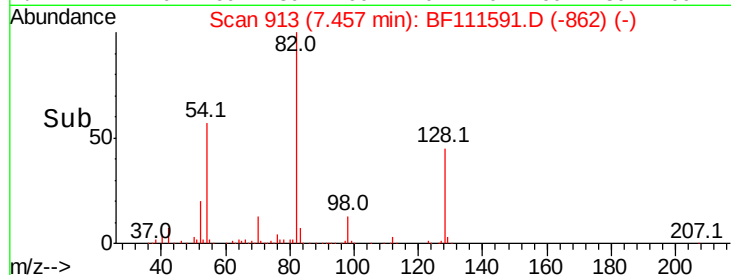
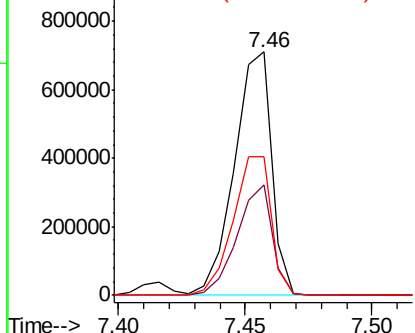
#23
Nitrobenzene-d5
Concen: 52.201 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 723507
Ion Ratio Lower Upper
82 100
128 45.5 37.4 56.2
54 56.9 47.6 71.4

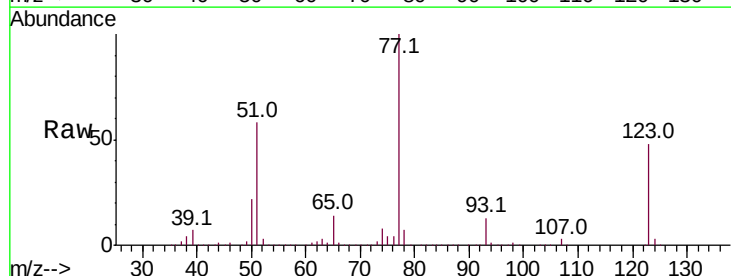


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

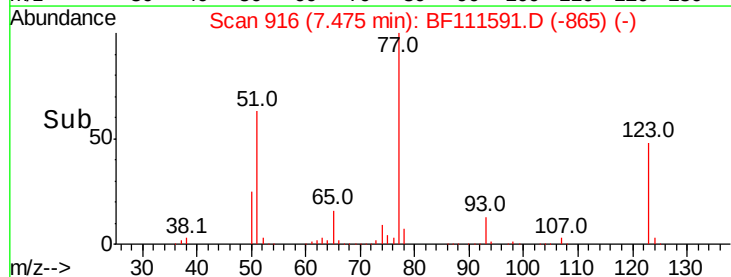
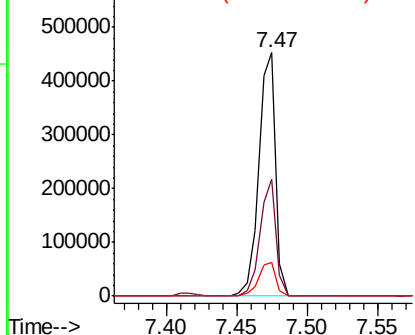


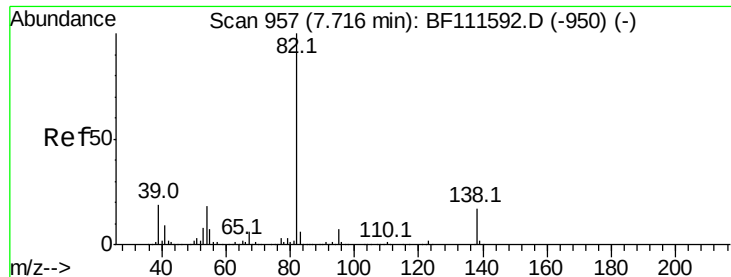
#24
Nitrobenzene
Concen: 27.100 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion: 77 Resp: 383157
Ion Ratio Lower Upper
77 100
123 48.1 37.2 55.8
65 14.1 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: 27.157 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

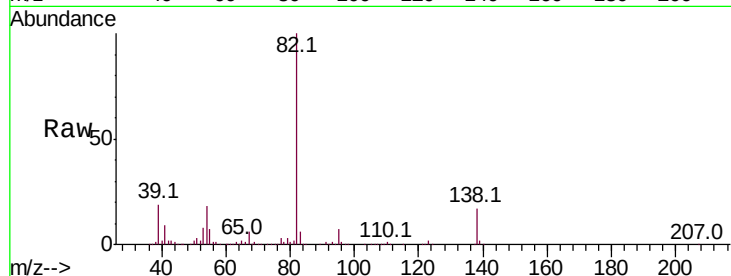
Tot Ion: 82 Resp: 636869

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

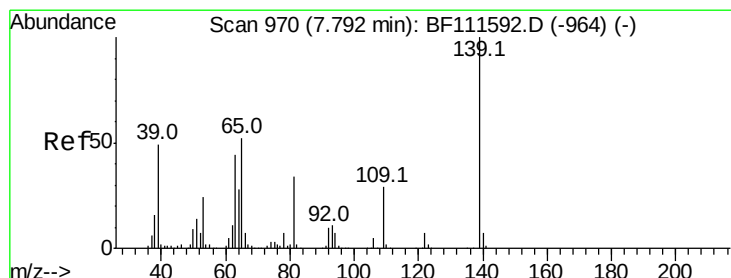
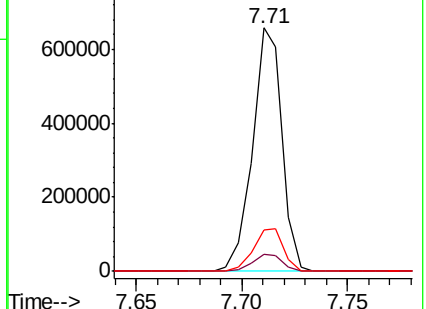
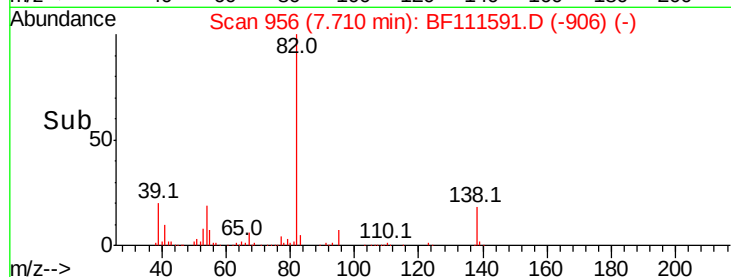
138 17.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 21.109 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

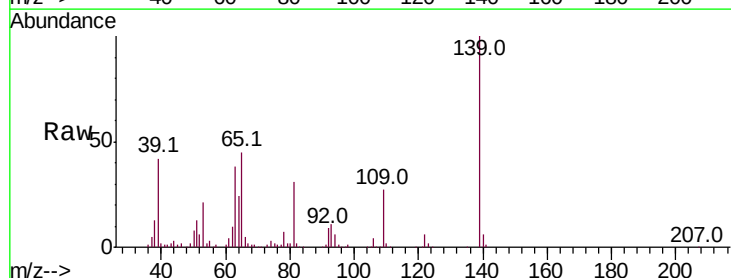
Tgt Ion: 139 Resp: 154777

Ion Ratio Lower Upper

139 100

109 27.0 20.2 30.4

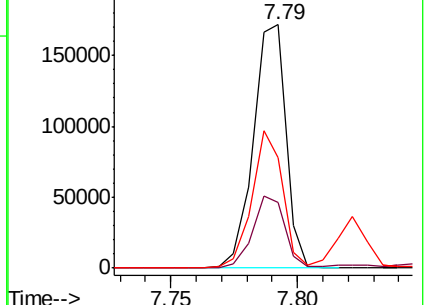
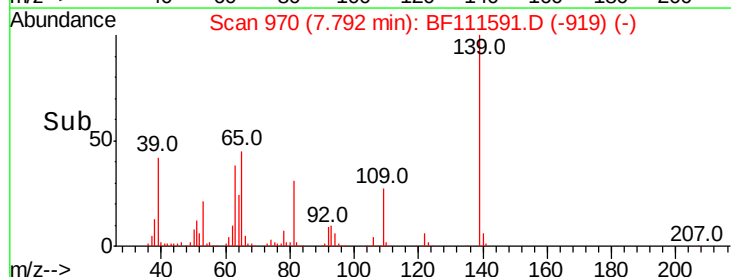
65 45.2 40.7 61.1

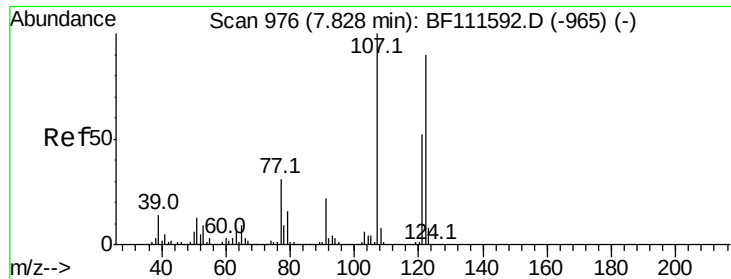


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 27.749 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

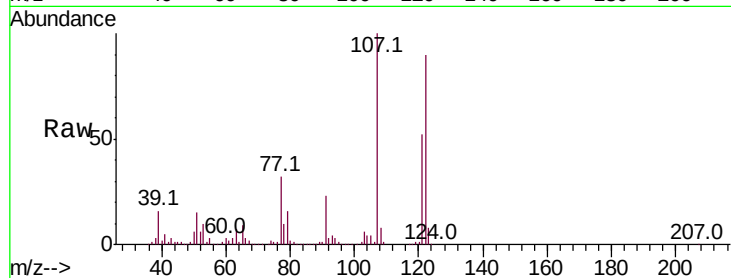
Tot Ion:122 Resp: 294965

Ion Ratio Lower Upper

122 100

107 111.7 85.5 128.3

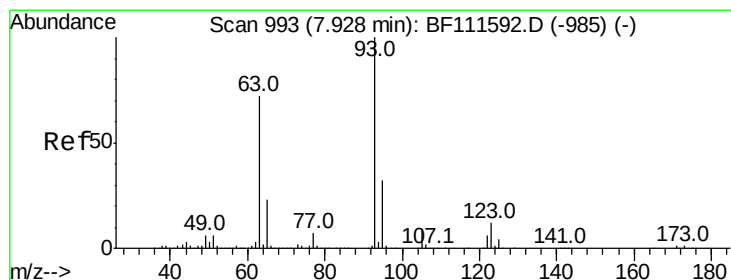
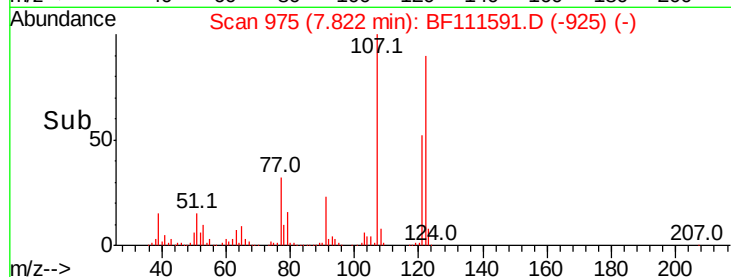
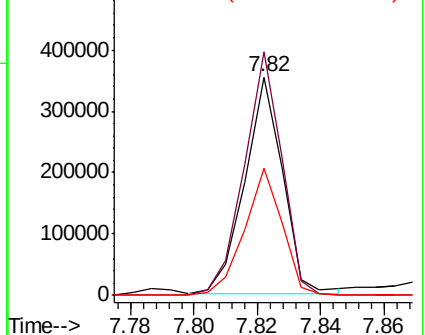
121 58.4 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.377 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

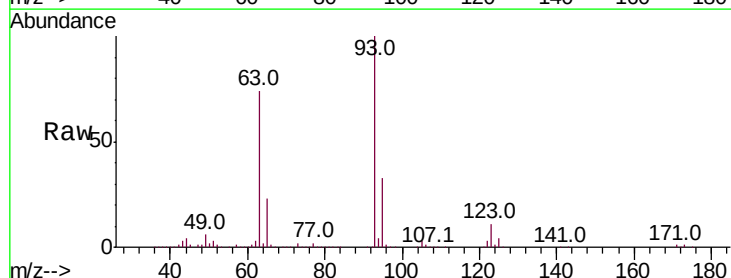
Tgt Ion: 93 Resp: 427023

Ion Ratio Lower Upper

93 100

95 32.7 27.1 40.7

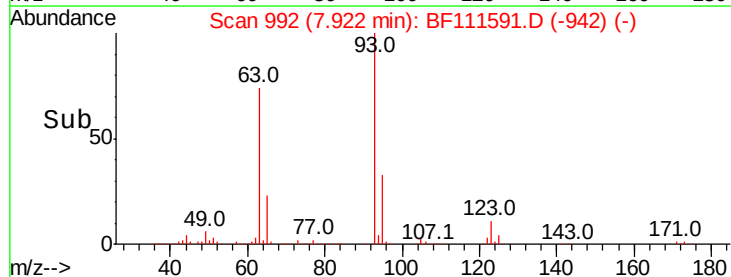
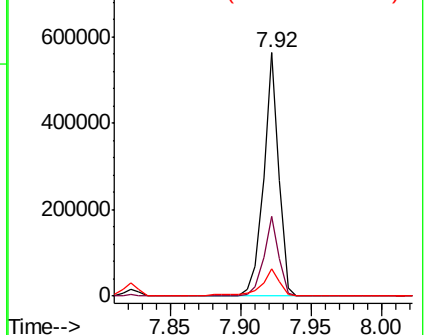
123 11.3 9.9 14.9

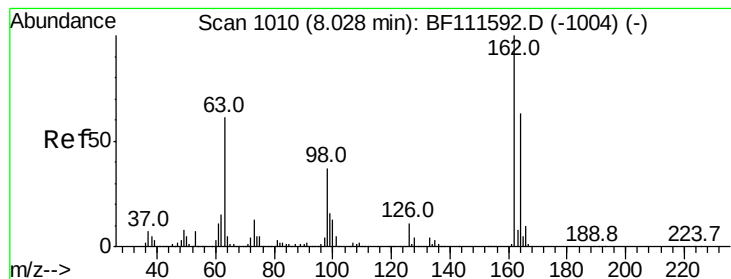


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 28.716 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

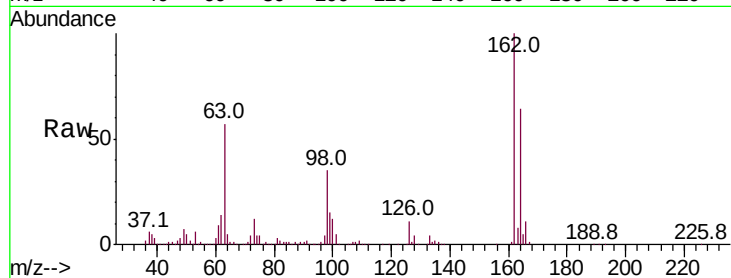
Tot Ion:162 Resp: 325845

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

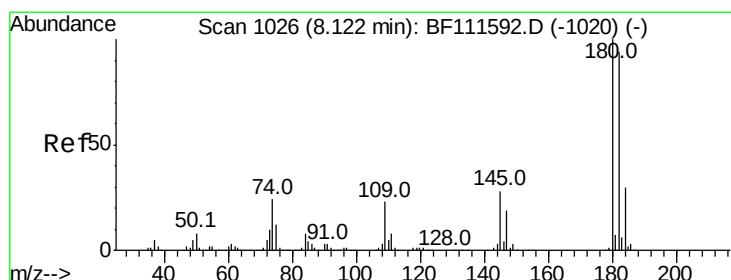
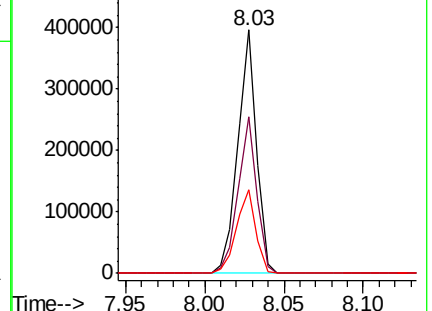
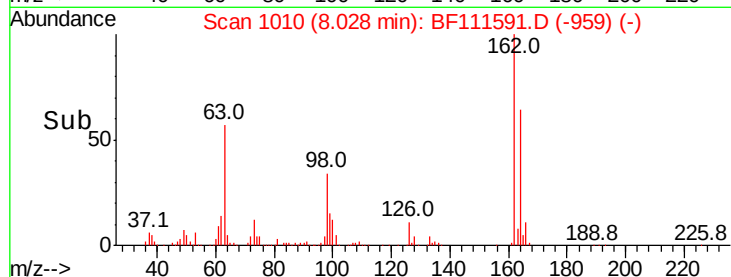
98 34.6 20.3 60.3



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: 30.705 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

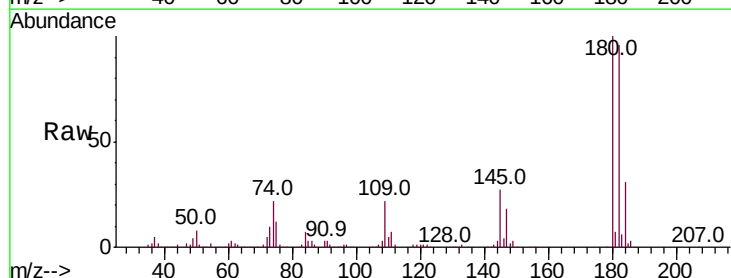
Tgt Ion:180 Resp: 364744

Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

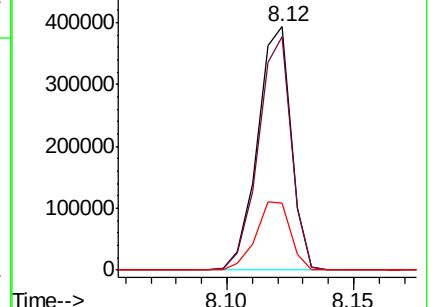
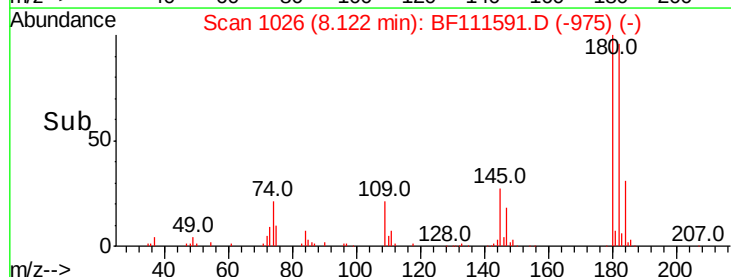
145 27.4 26.7 40.1

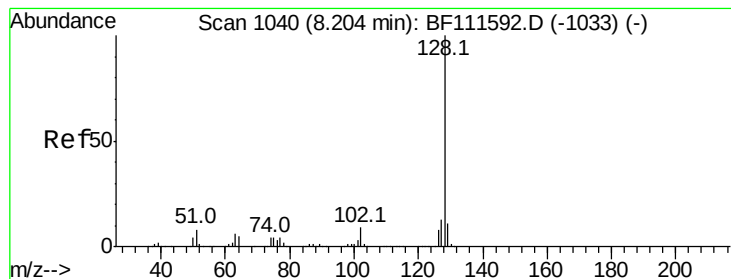


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 26.501 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

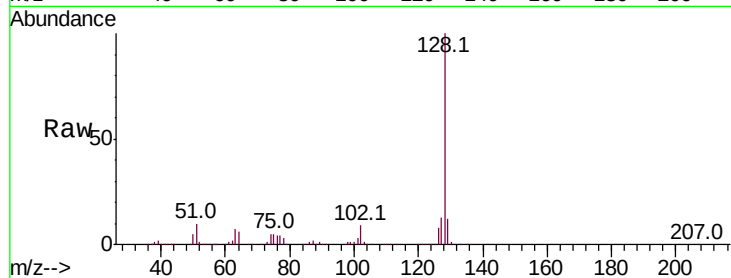
Tot Ion:128 Resp: 1022999

Ion Ratio Lower Upper

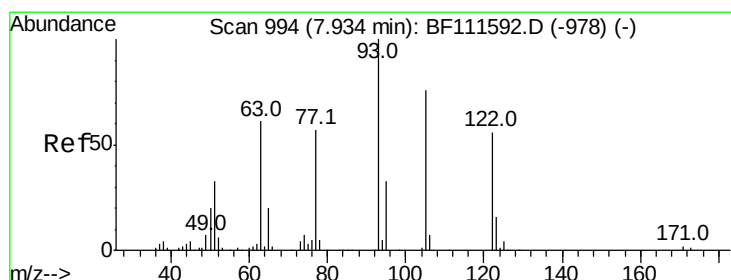
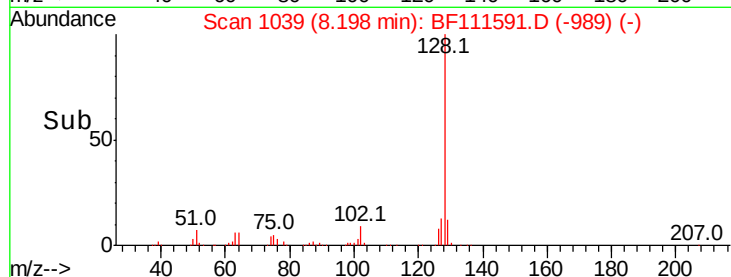
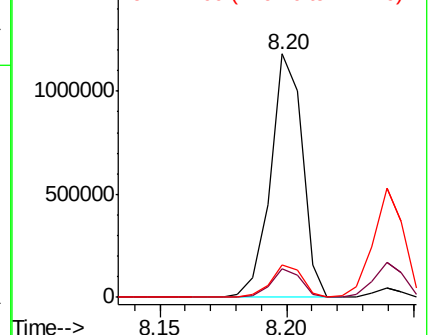
128 100

129 11.5 9.8 14.8

127 13.4 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: 12.641 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

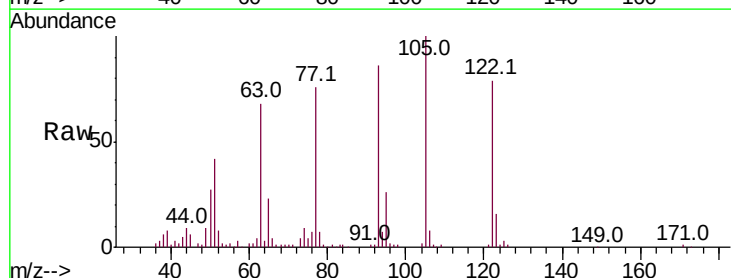
Tgt Ion:122 Resp: 116119

Ion Ratio Lower Upper

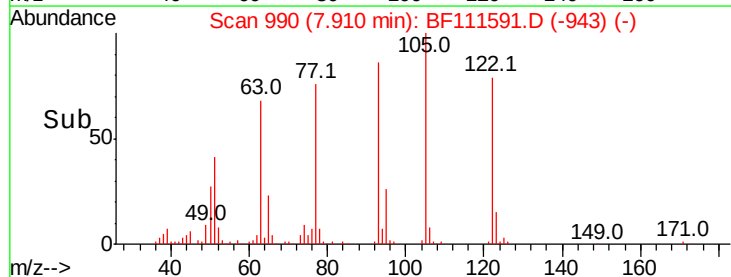
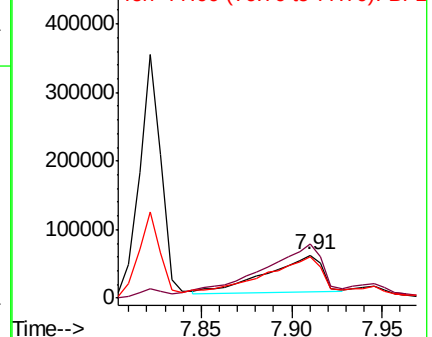
122 100

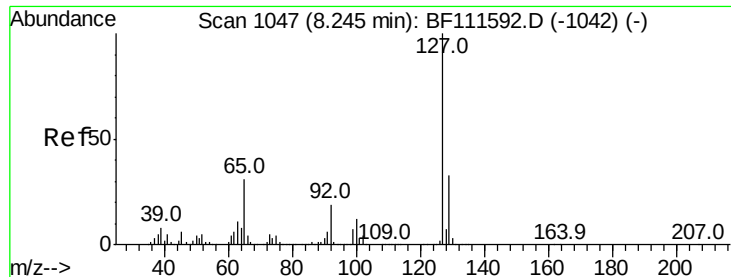
105 127.0 97.0 137.0

77 96.1 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

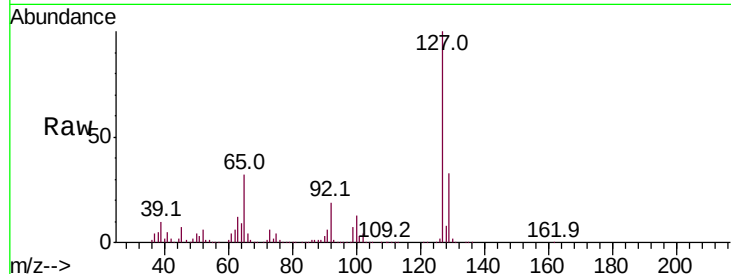




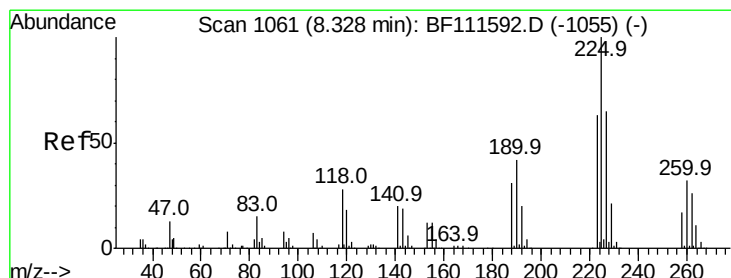
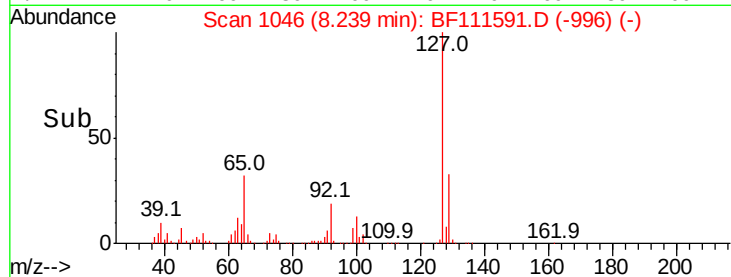
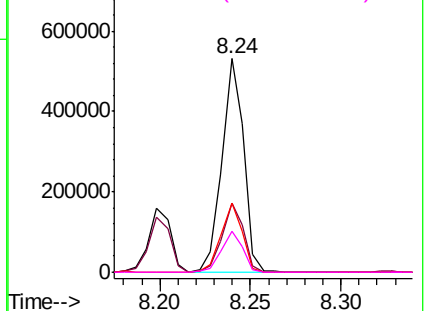
#33
 4-Chloroaniline
 Concen: 25.874 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	444150
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	32.2	25.7	38.5
92	19.5	15.4	23.2

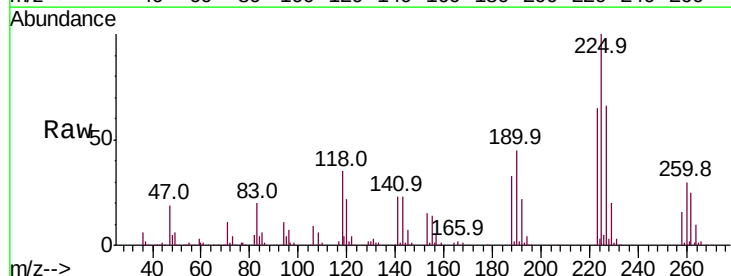


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

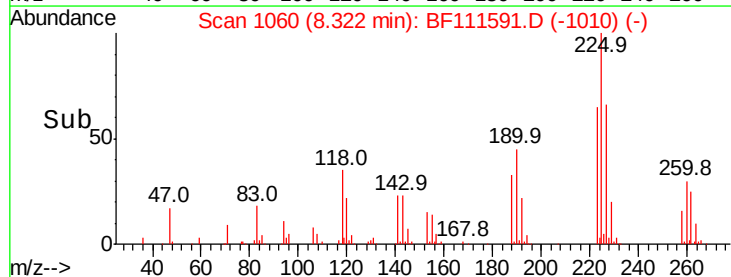
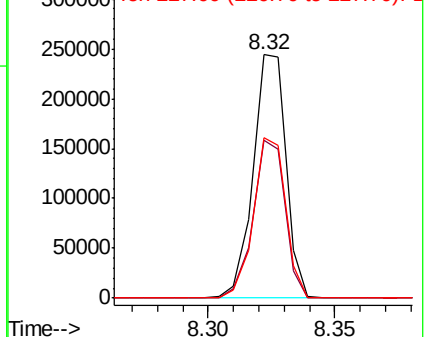


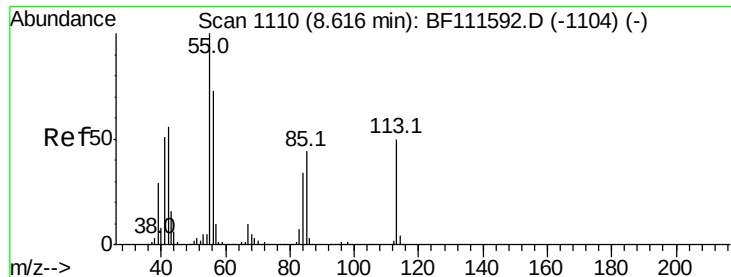
#34
 Hexachlorobutadiene
 Concen: 33.861 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion:	225	Resp:	221602
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.7	76.1
227	66.1	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: 26.166 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

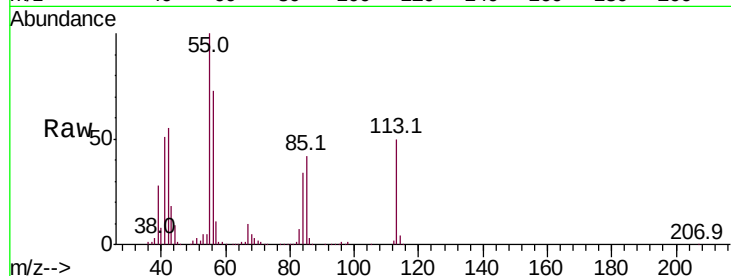
Tot Ion:113 Resp: 110239

Ion Ratio Lower Upper

113 100

55 201.9 184.1 224.1

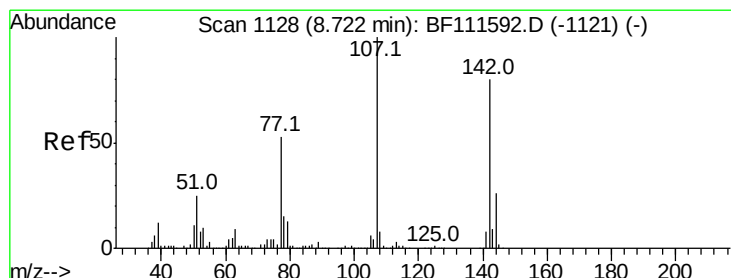
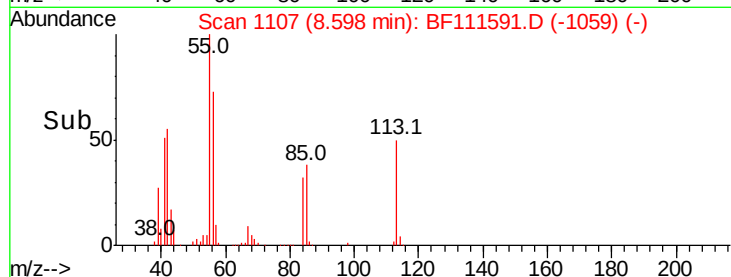
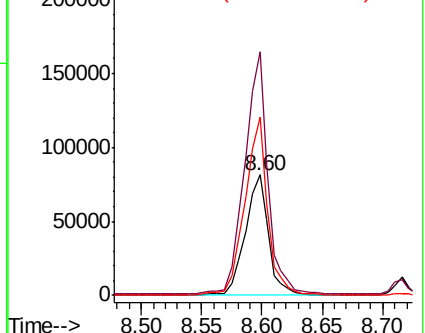
56 147.9 126.0 166.0



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: 25.635 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

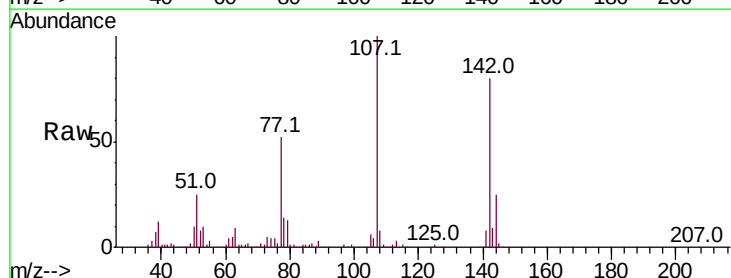
Tgt Ion:107 Resp: 320194

Ion Ratio Lower Upper

107 100

144 25.2 19.8 29.6

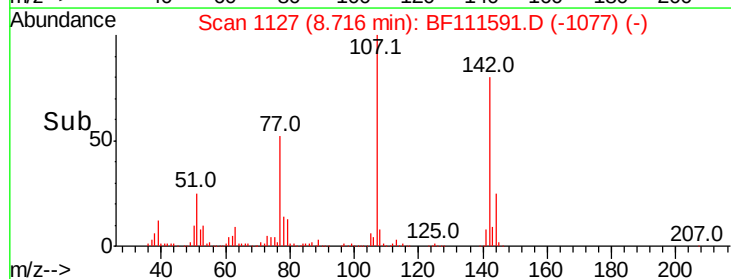
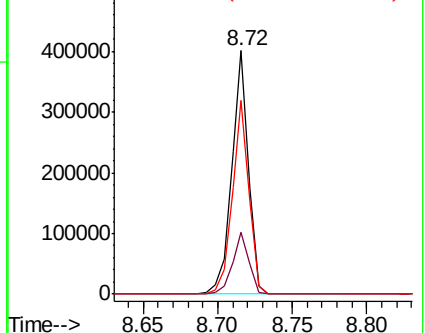
142 79.7 62.3 93.5

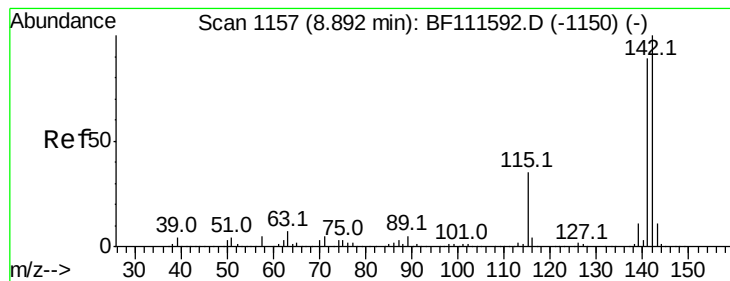


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.516 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

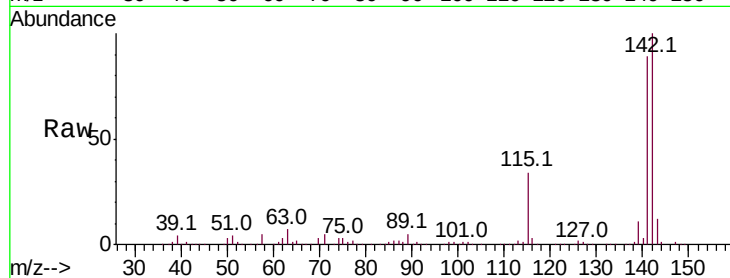
Tot Ion:142 Resp: 666522

Ion Ratio Lower Upper

142 100

141 88.5 70.6 105.8

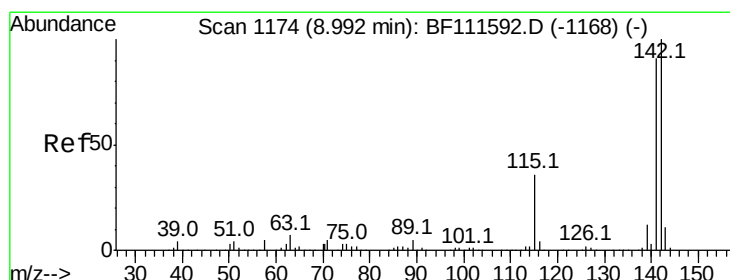
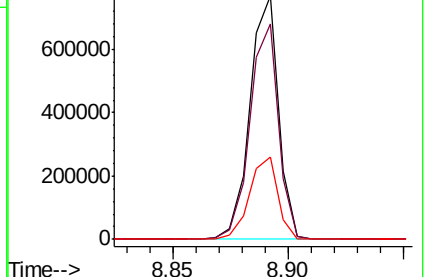
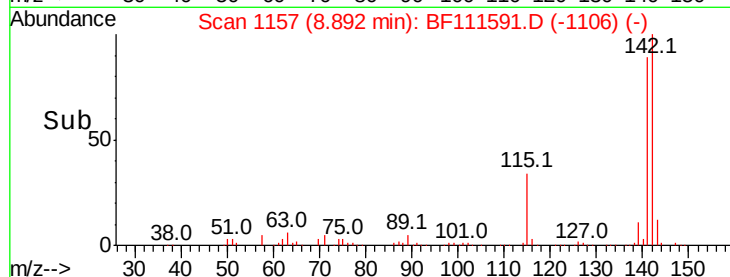
115 33.6 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 25.505 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

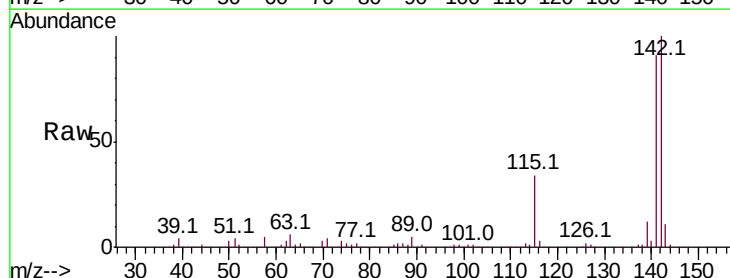
Tgt Ion:142 Resp: 643639

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4

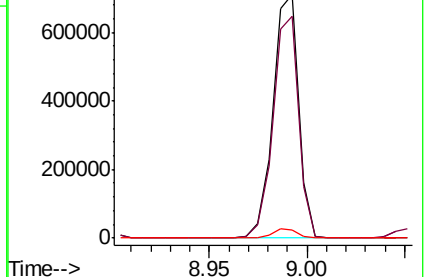
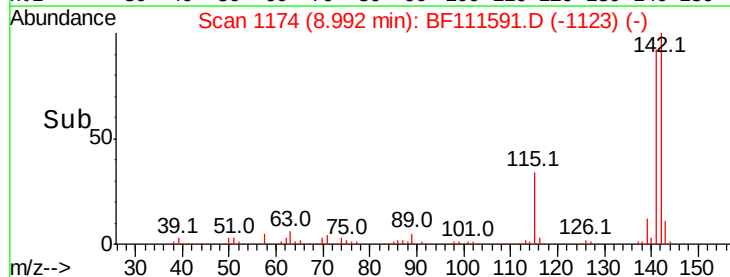
116 3.4 2.9 4.3

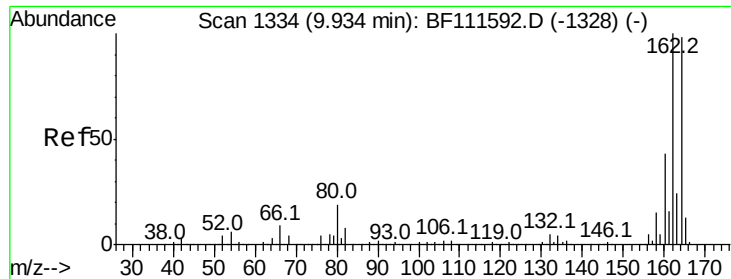


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

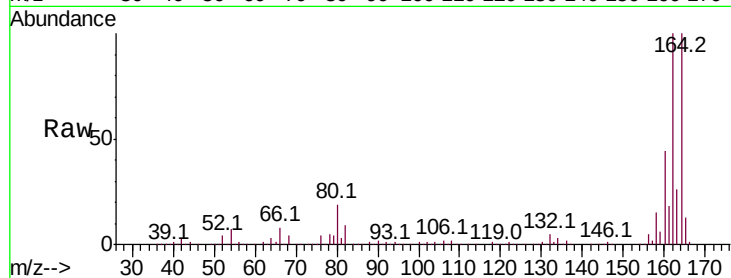




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	44.2	35.7	53.5

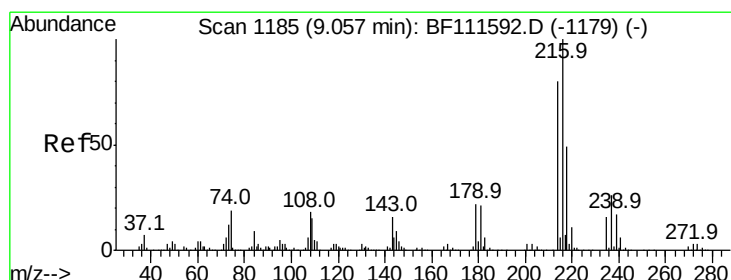
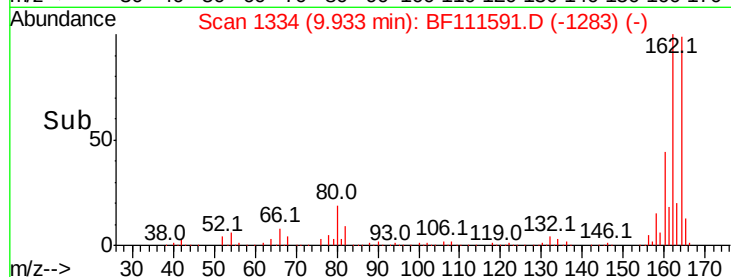
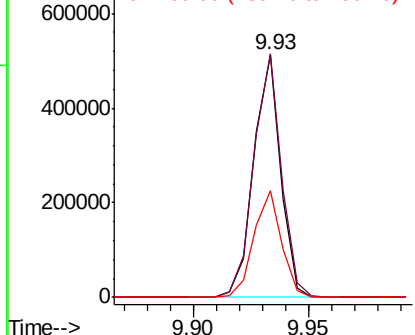


Abundance

Ion 164.00 (163.70 to 164.70): E

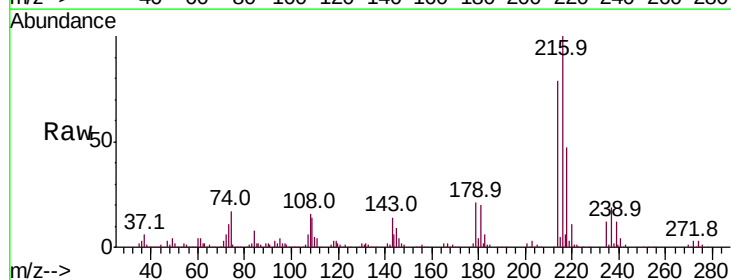
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.114 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.8	17.9	26.9
108	17.9	18.4	27.6#



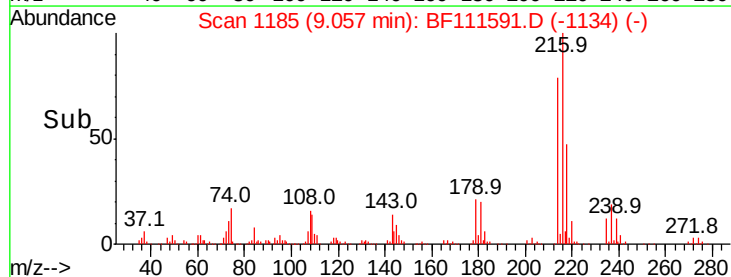
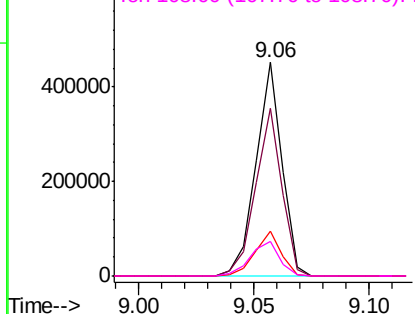
Abundance

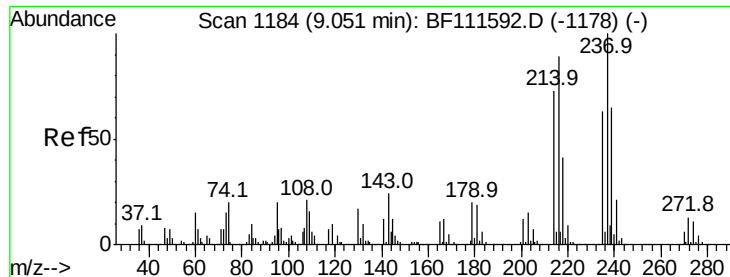
Ion 216.00 (215.70 to 216.70): E

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

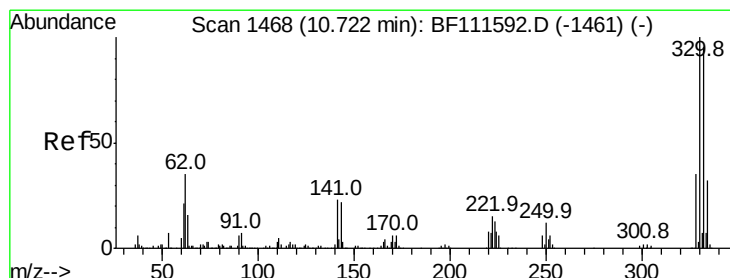
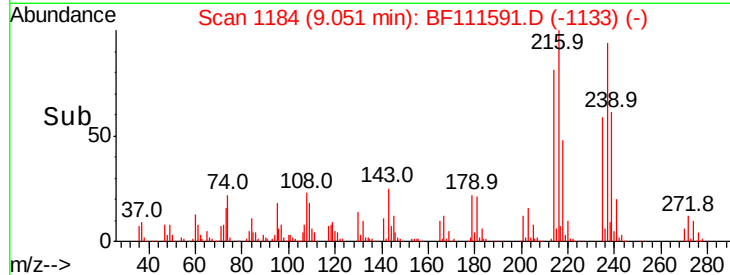
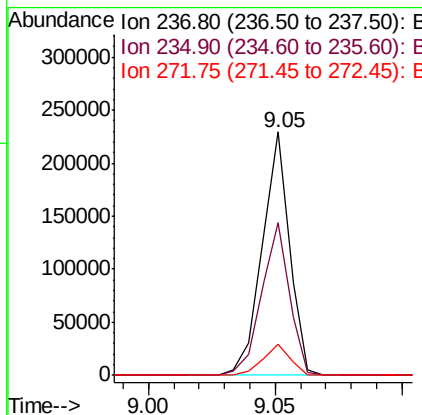
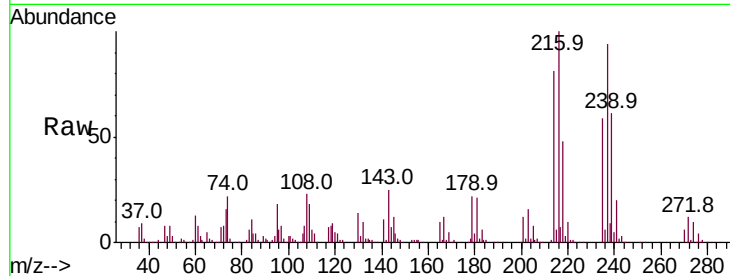




#41
 Hexachlorocyclopentadiene
 Concen: 29.558 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

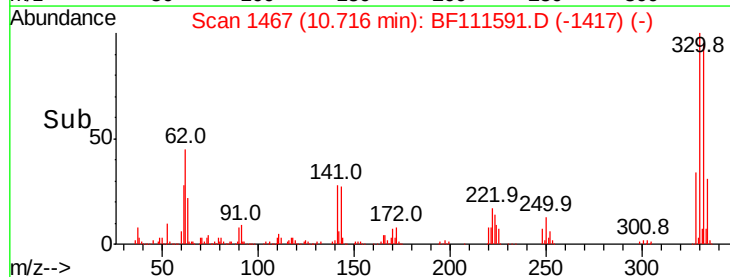
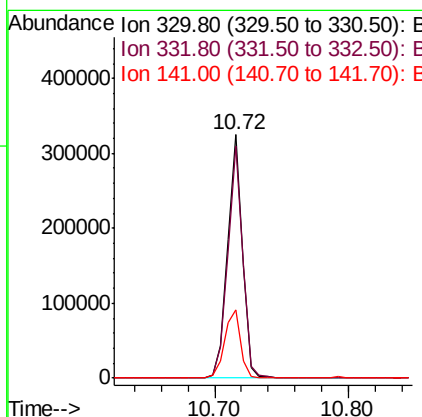
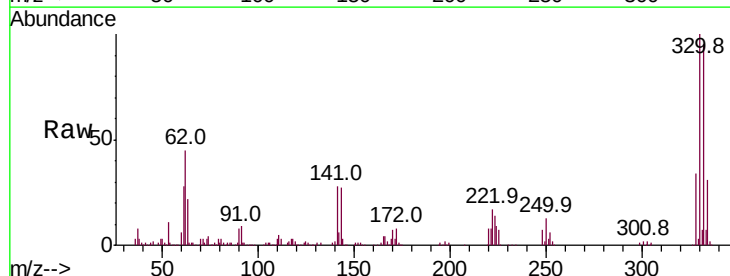
Instrument :
 BNA_F
 ClientSampleId :

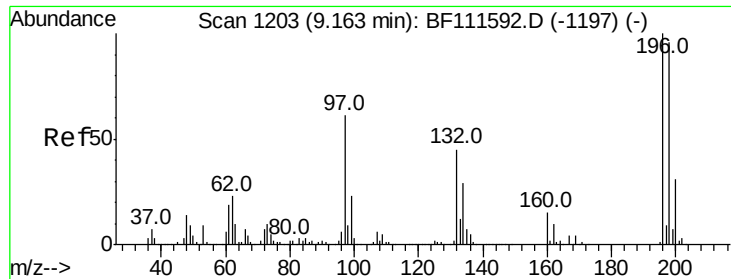
Tot Ion:	237	Resp:	174152
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.1	83.1
272	12.6	0.0	33.0



#42
 2,4,6-Tribromophenol
 Concen: 68.800 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion:	330	Resp:	257897
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.0	114.0
141	30.3	31.0	46.6#

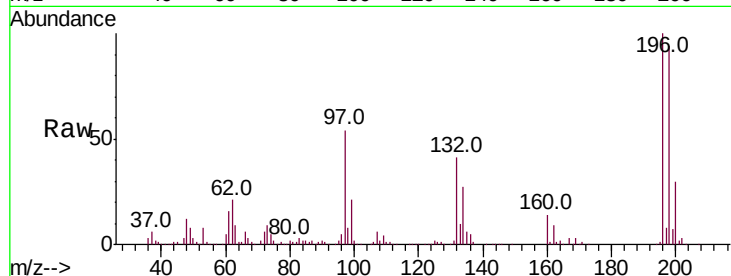




#43
 2,4,6-Trichlorophenol
 Concen: 29.400 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.3	114.5
200	30.4	24.9	37.3

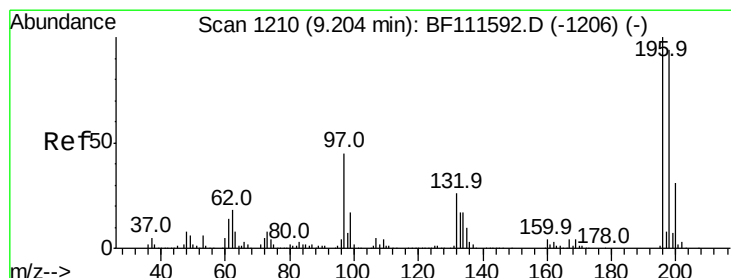
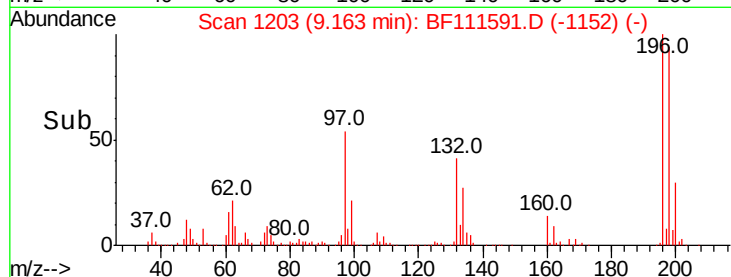
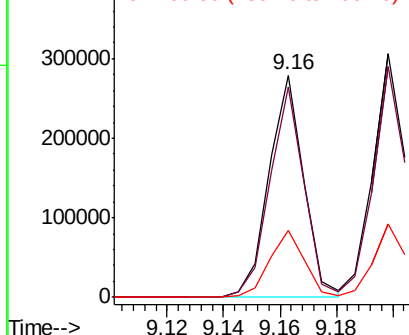


Abundance

Ion 196.00 (195.70 to 196.70): E

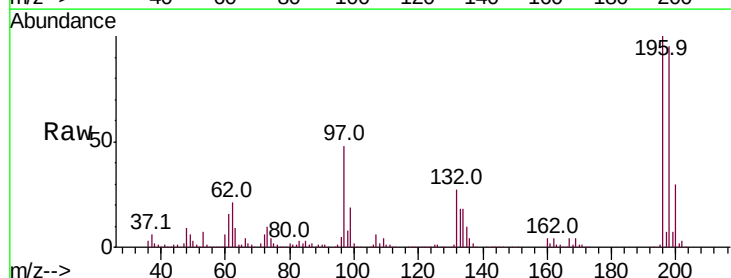
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 28.143 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	72.9	109.3
97	48.4	45.3	67.9
132	27.4	25.5	38.3



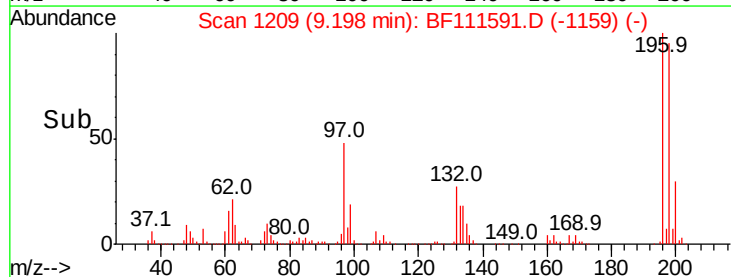
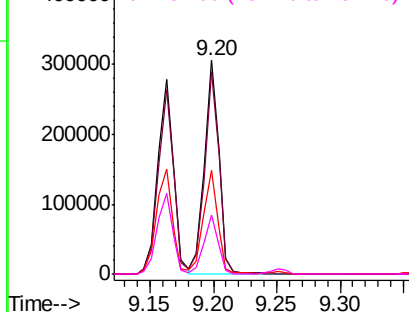
Abundance

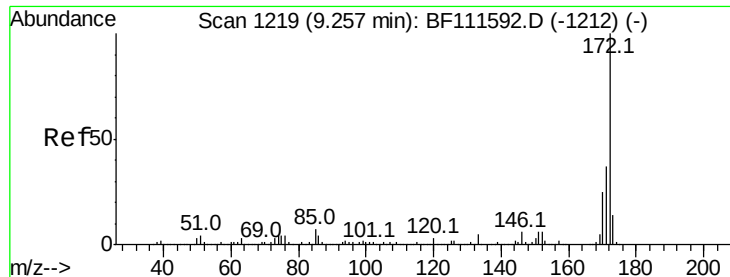
Ion 196.00 (195.70 to 196.70): E

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



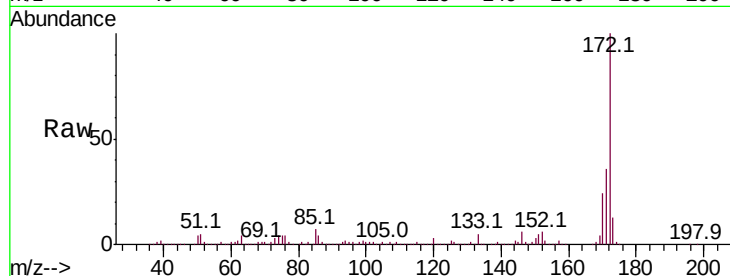


#45
 2-Fluorobiphenyl
 Concen: 55.935 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

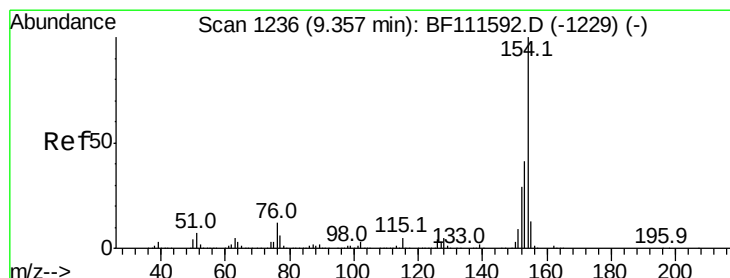
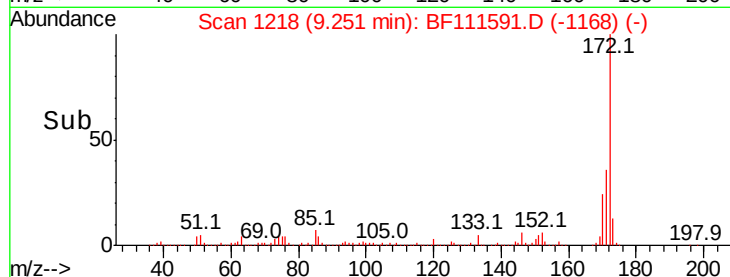
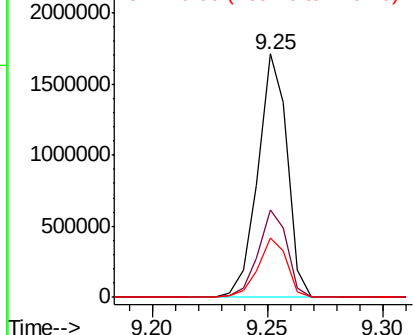
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1515355

Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.3	22.3	33.5



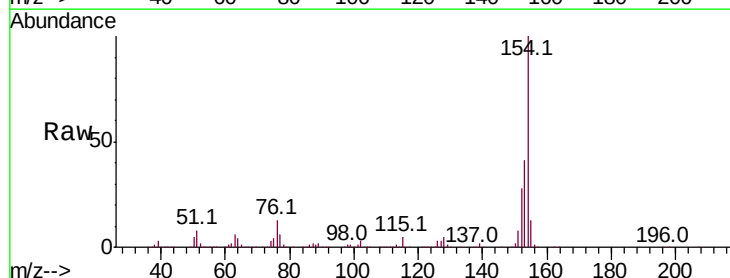
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



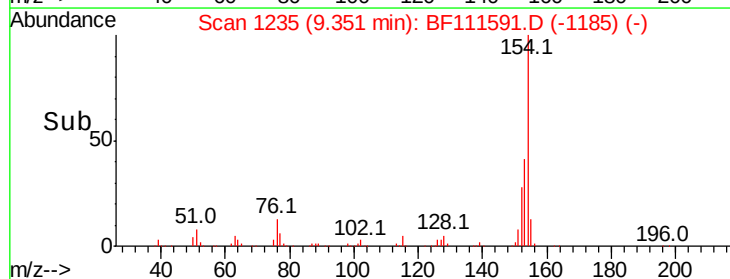
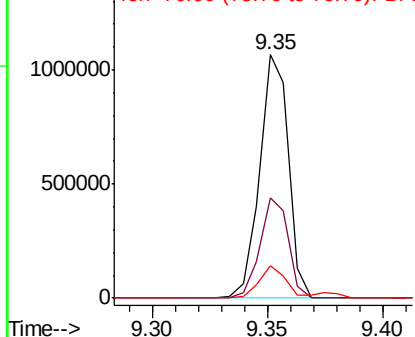
#46
 1,1'-Biphenyl
 Concen: 26.097 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

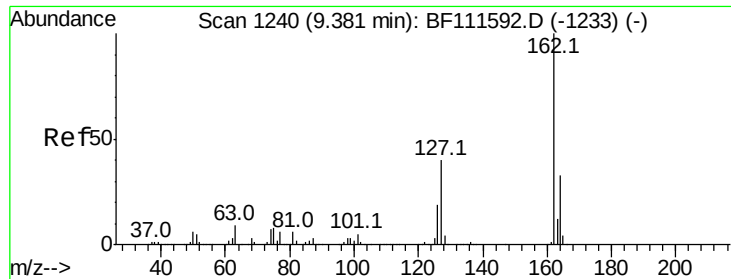
Tgt Ion:154 Resp: 925322

Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.7	63.7
76	13.1	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

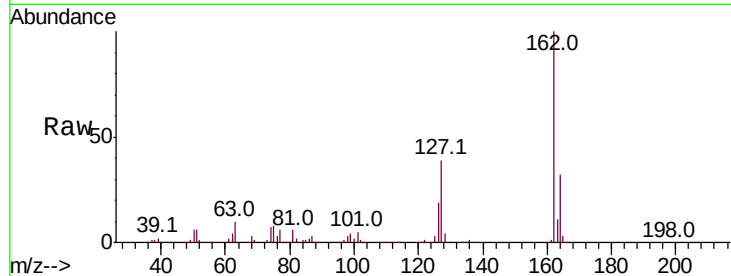




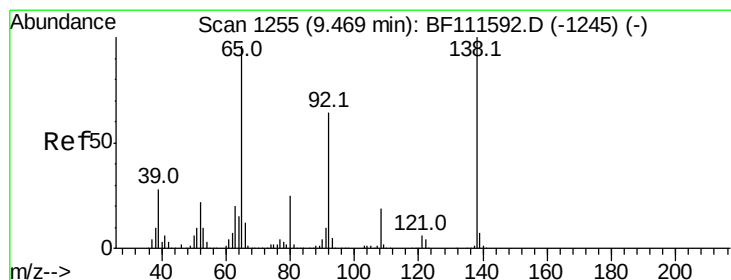
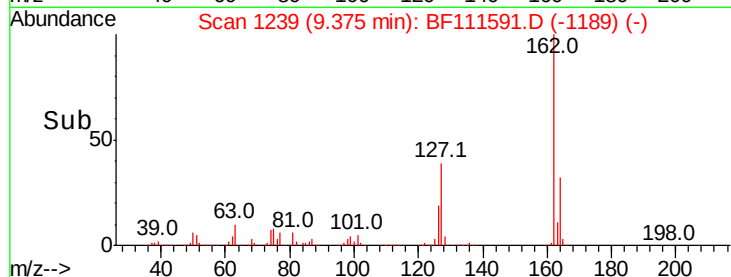
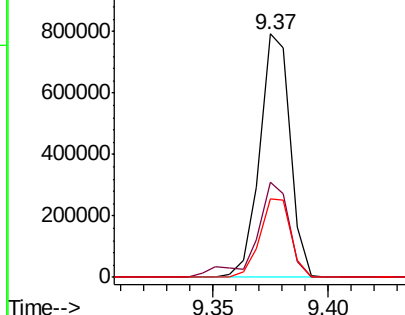
#47
 2-Chloronaphthalene
 Concen: 27.063 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	729384
Ion	Ratio	Lower	Upper
162	100		
127	38.9	35.0	52.4
164	32.2	28.4	42.6

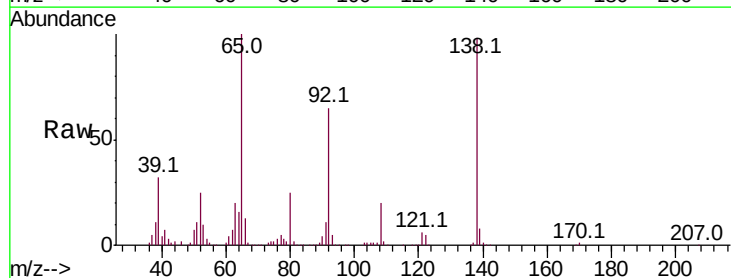


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

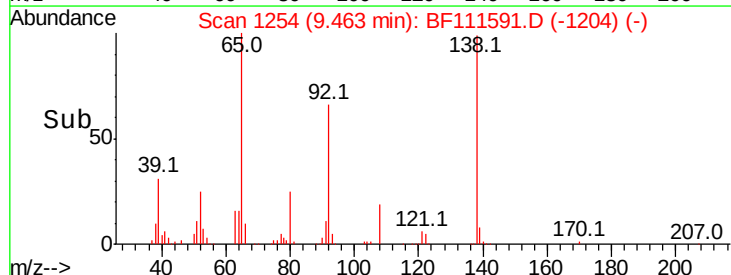
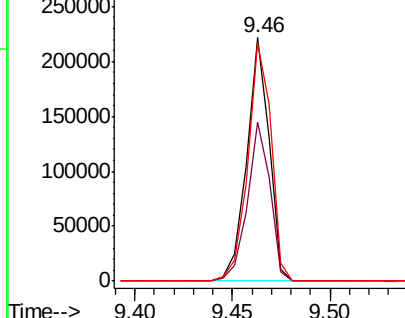


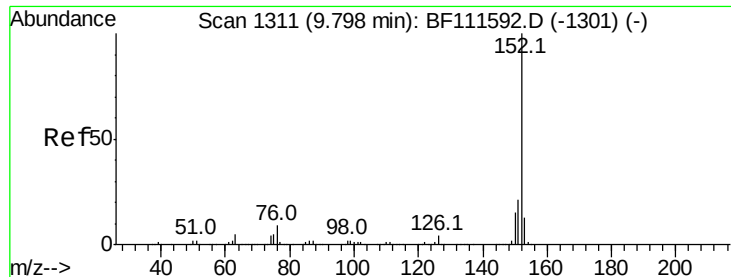
#48
 2-Nitroaniline
 Concen: 20.090 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion:	65	Resp:	175809
Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.5	80.3
138	98.0	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: 26.462 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

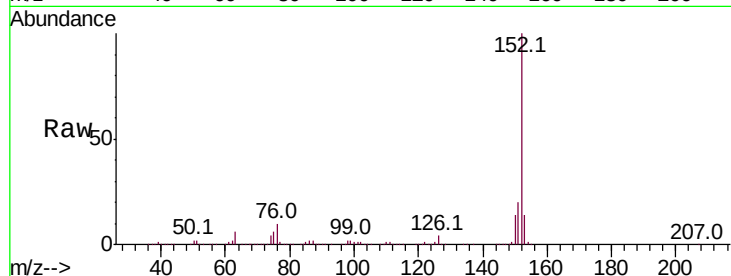
Tot Ion:152 Resp: 1058622

Ion Ratio Lower Upper

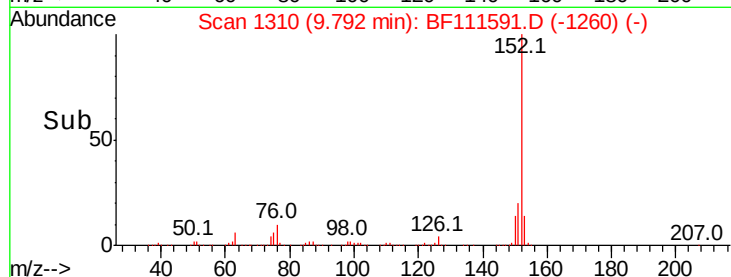
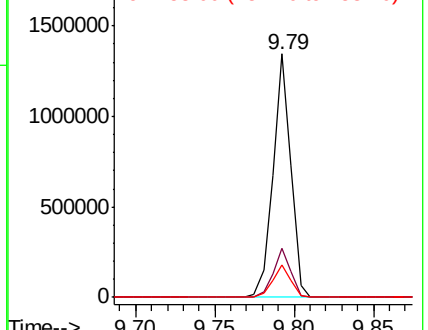
152 100

151 20.3 18.0 27.0

153 13.5 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: 26.337 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

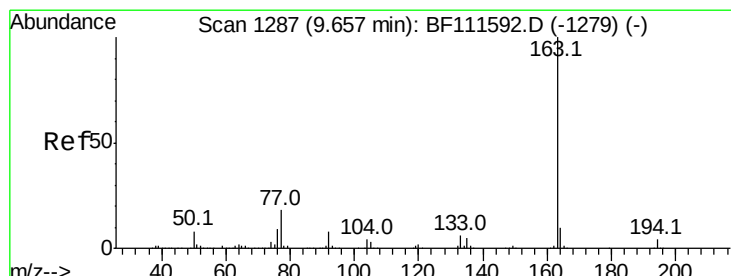
Tgt Ion:163 Resp: 793714

Ion Ratio Lower Upper

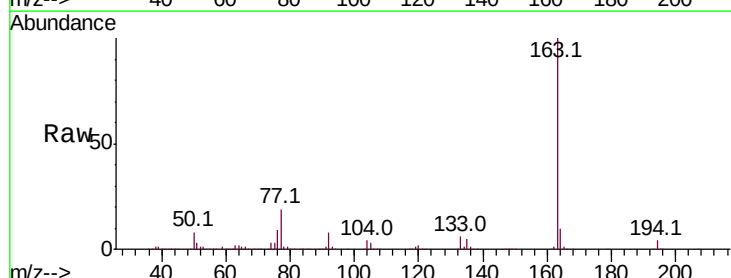
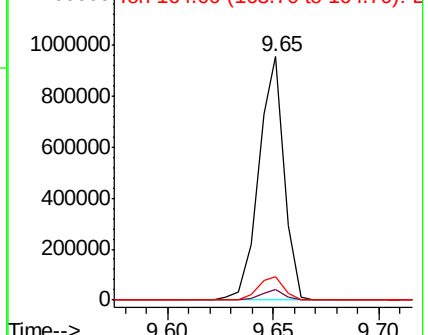
163 100

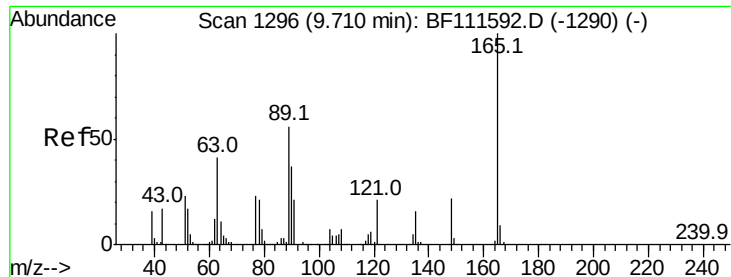
194 4.2 3.0 4.6

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

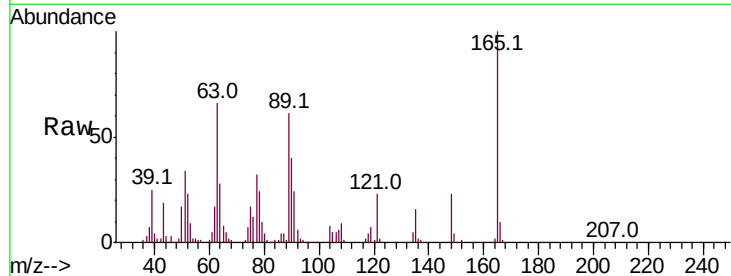




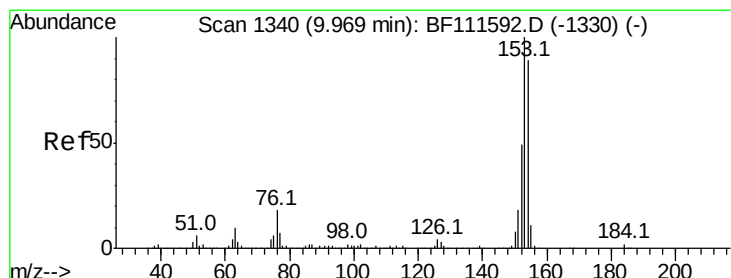
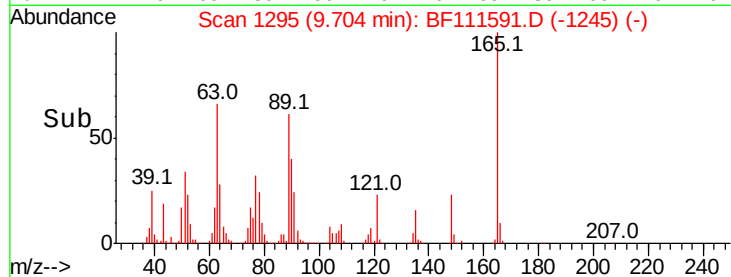
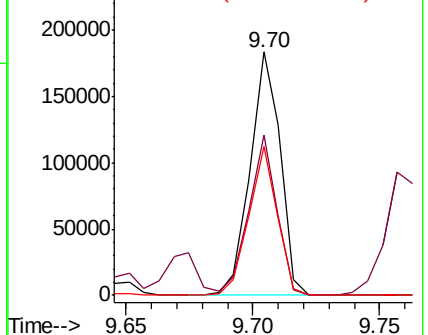
#51
2,6-Dinitrotoluene
Concen: 22.365 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 151712
Ion Ratio Lower Upper
165 100
63 65.9 40.5 60.7#
89 61.0 40.0 60.0#

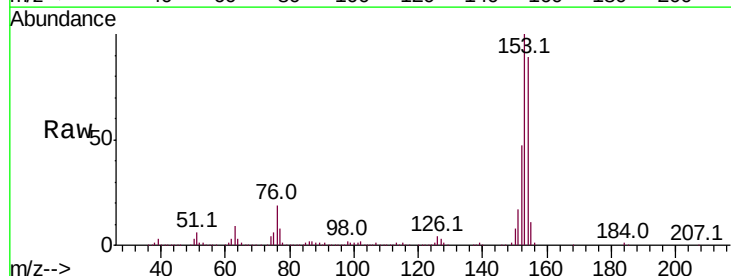


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

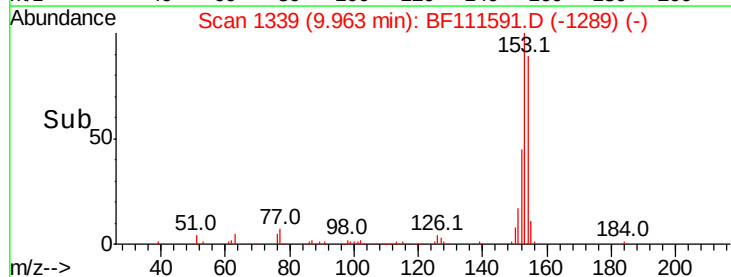
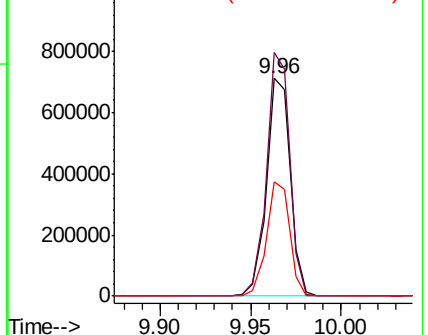


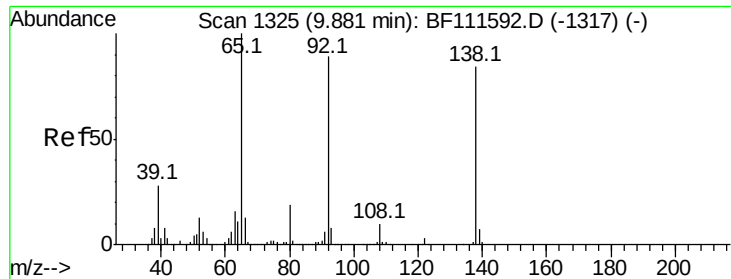
#52
Acenaphthene
Concen: 25.759 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion:154 Resp: 651319
Ion Ratio Lower Upper
154 100
153 111.9 87.8 131.8
152 52.3 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

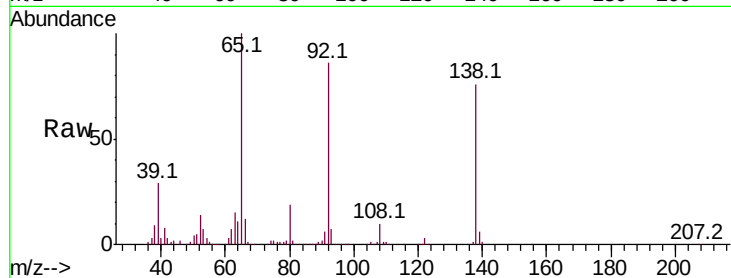




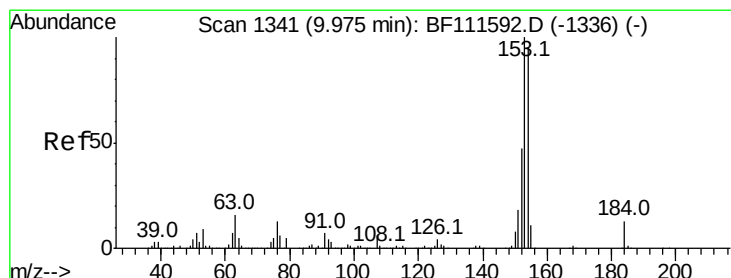
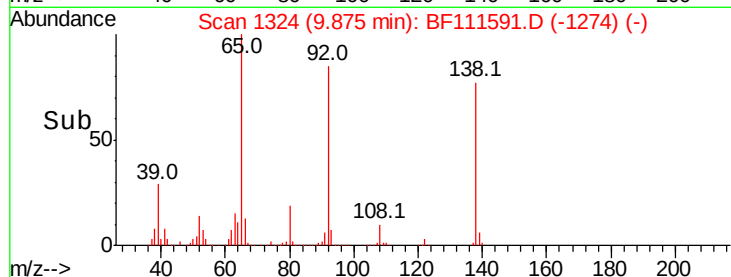
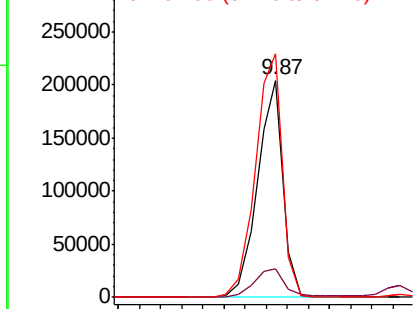
#53
3-Nitroaniline
Concen: 20.736 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 170853
Ion Ratio Lower Upper
138 100
108 13.0 8.2 12.4#
92 112.2 93.4 140.2

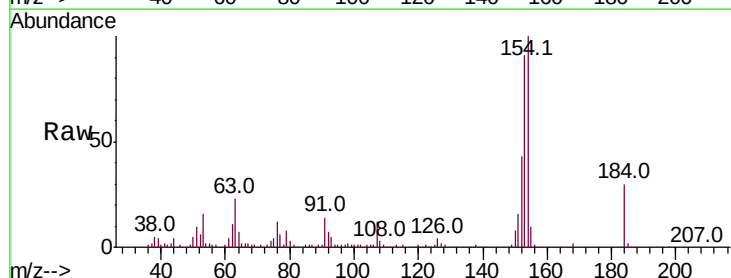


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

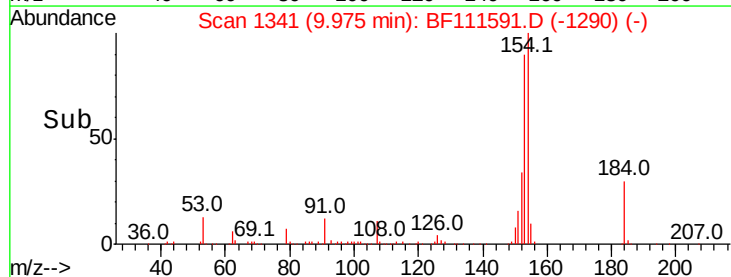
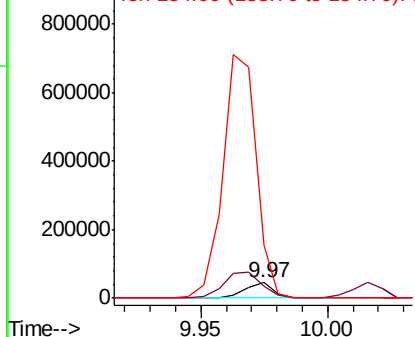


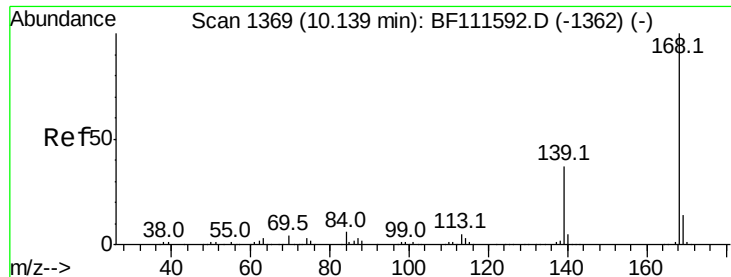
#54
2,4-Dinitrophenol
Concen: 13.939 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion:184 Resp: 35974
Ion Ratio Lower Upper
184 100
63 77.6 62.3 93.5
154 338.0 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: 27.016 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

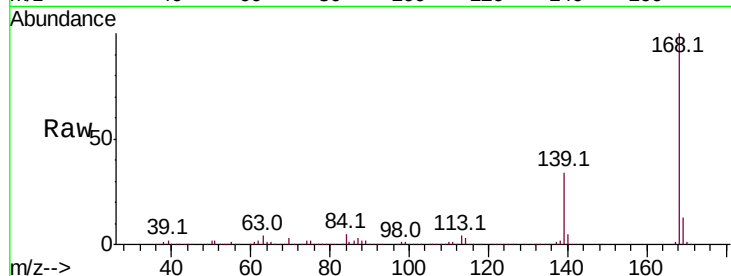
Tot Ion:168 Resp: 991541

Ion Ratio Lower Upper

168 100

139 34.5 32.6 49.0

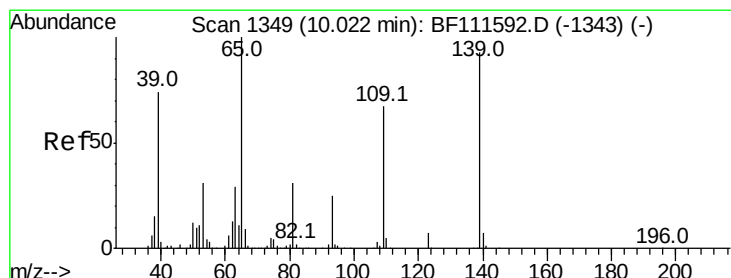
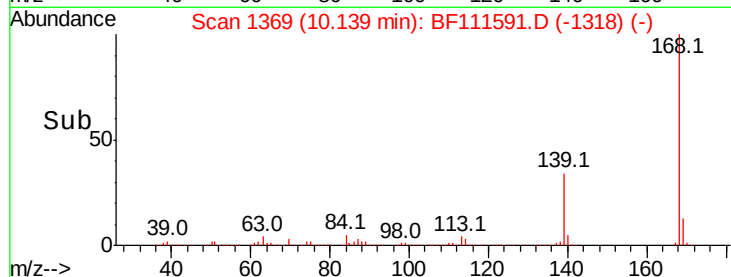
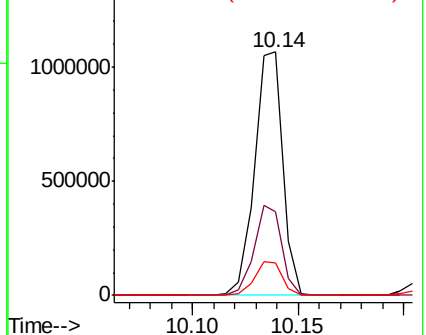
169 13.3 11.8 17.6



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: 22.714 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

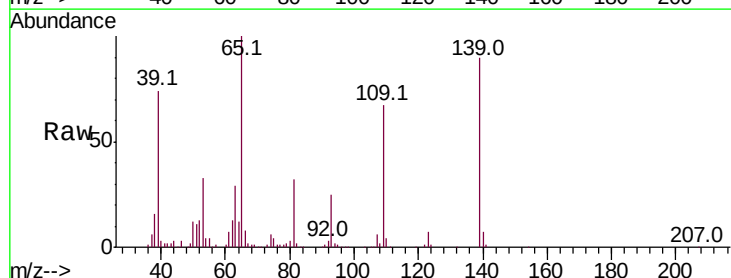
Tgt Ion:139 Resp: 129518

Ion Ratio Lower Upper

139 100

109 73.8 41.8 81.8

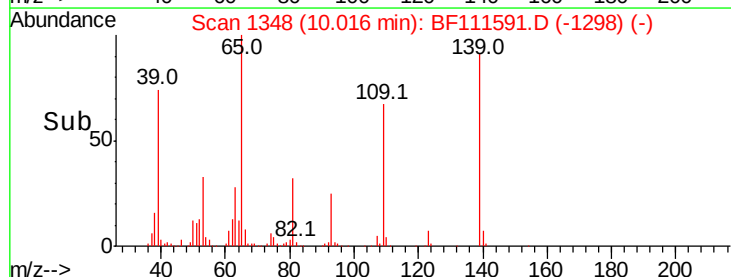
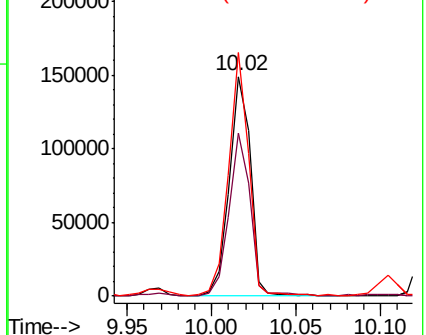
65 110.7 79.6 119.6

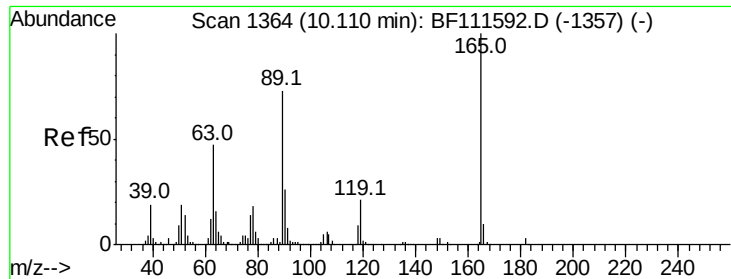


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 20.053 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 178544

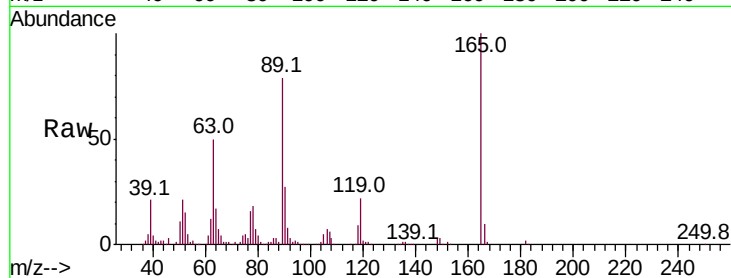
Ion Ratio Lower Upper

165 100

63 50.4 34.6 52.0

89 78.9 56.2 84.4

182 2.5 1.8 2.6

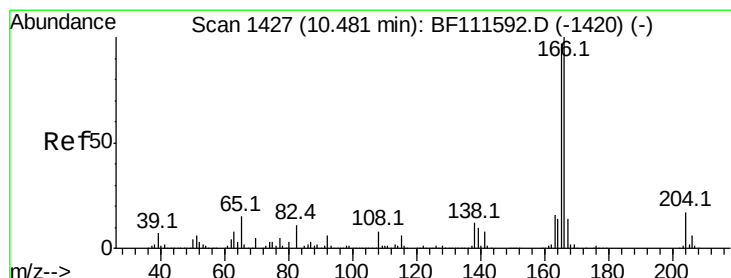
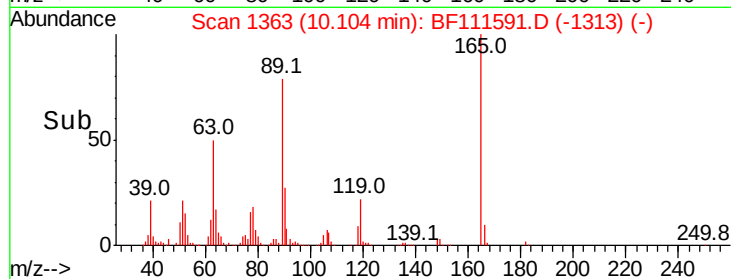
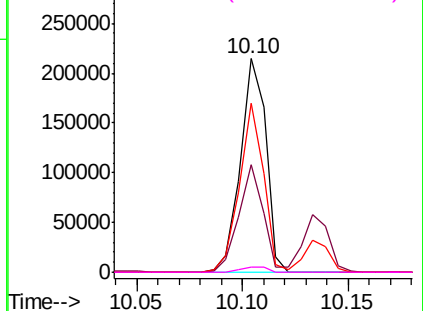


Abundance Ion 165.00 (164.70 to 165.70): E

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: 26.753 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

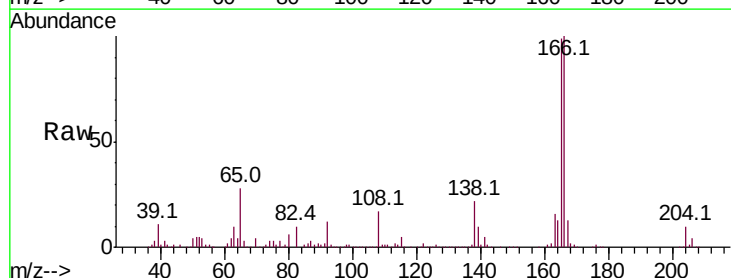
Tgt Ion:166 Resp: 712204

Ion Ratio Lower Upper

166 100

165 99.1 78.4 117.6

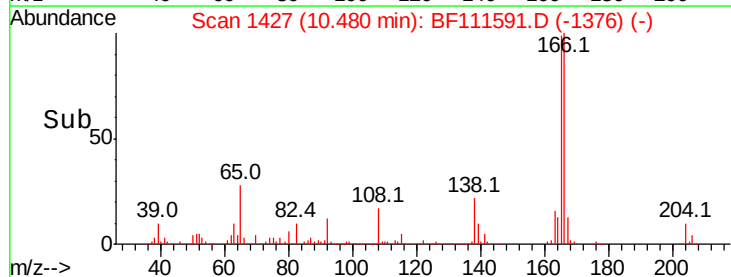
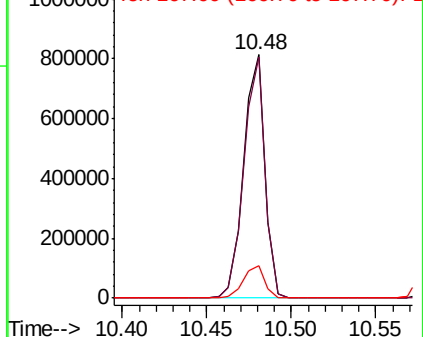
167 13.3 11.2 16.8

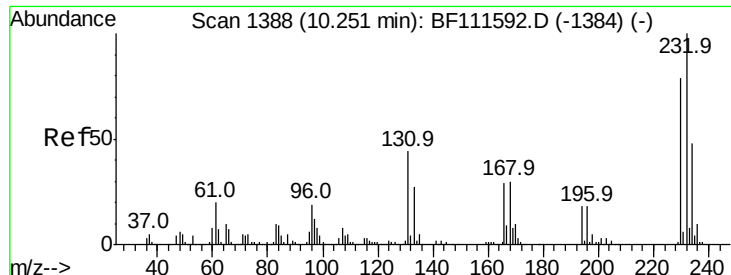


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

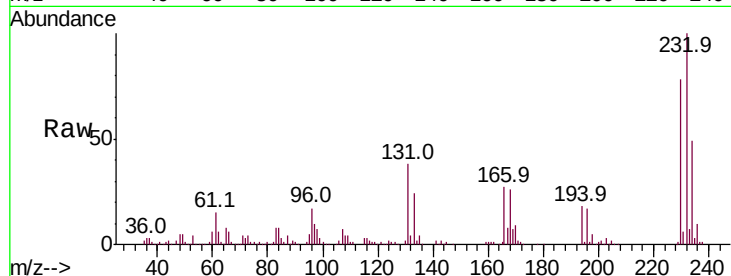




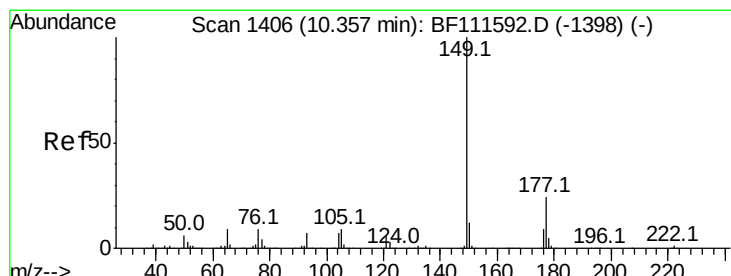
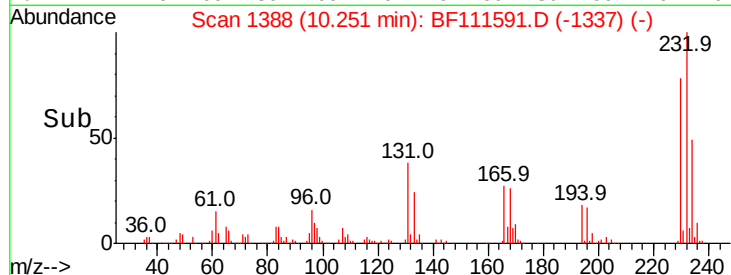
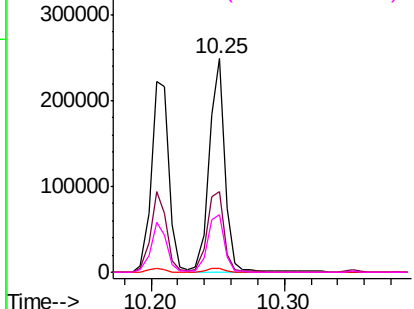
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.364 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	205043
Ion	Ratio	Lower	Upper
232	100		
131	41.0	40.9	61.3
130	1.9	2.0	3.0#
166	29.4	26.8	40.2

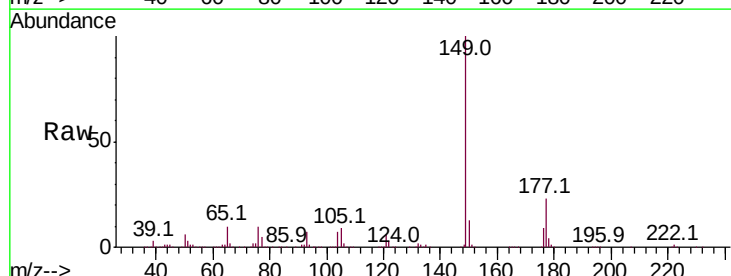


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

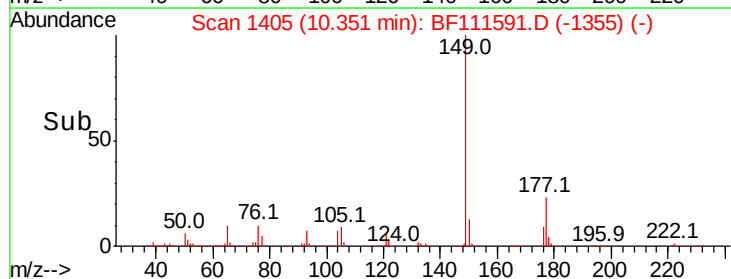
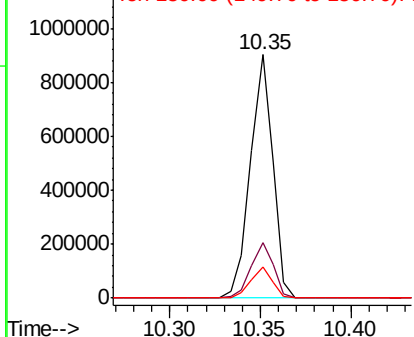


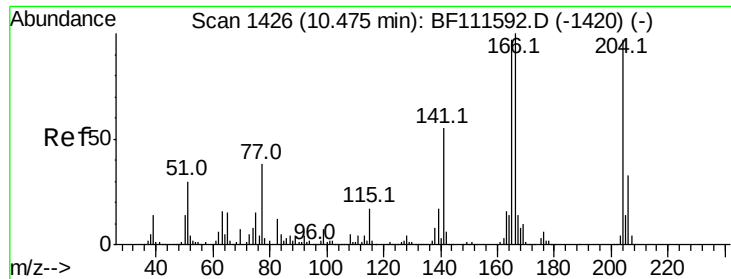
#60
Diethylphthalate
Concen: 25.424 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion:	149	Resp:	776128
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.8	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

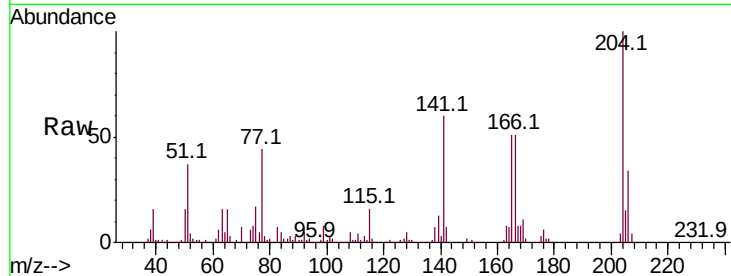




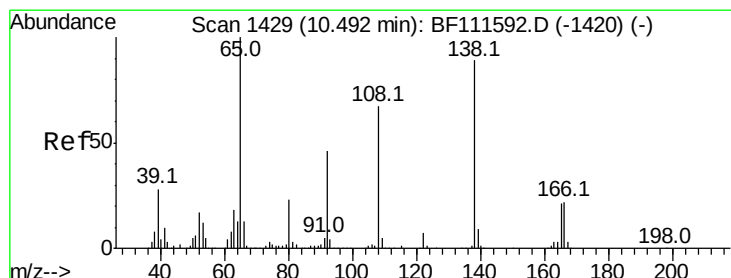
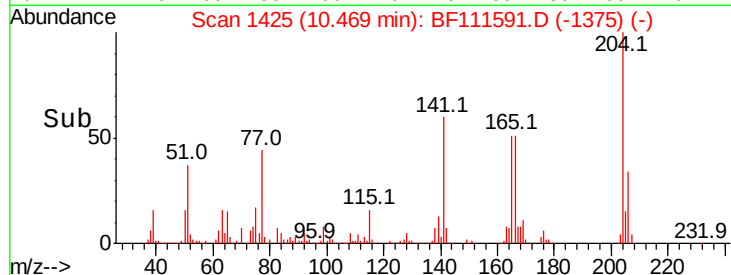
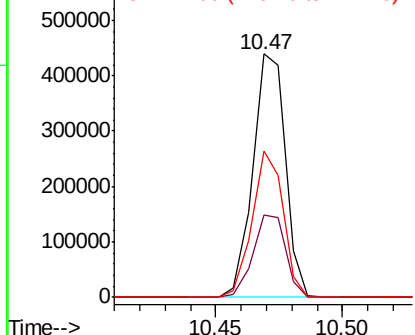
#61
 4-Chlorophenyl-phenylether
 Concen: 30.343 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	60.1	52.6	78.8

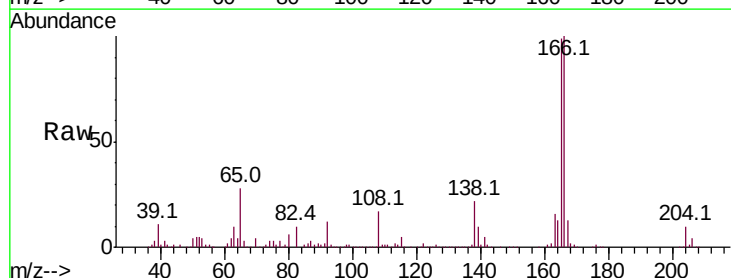


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

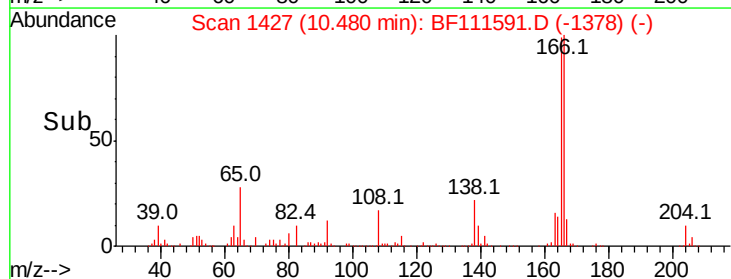
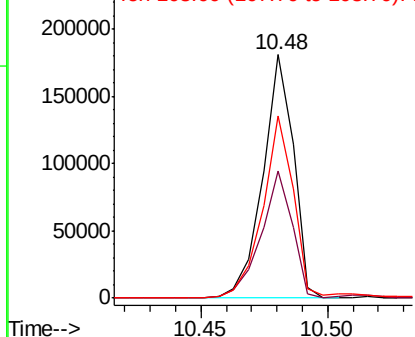


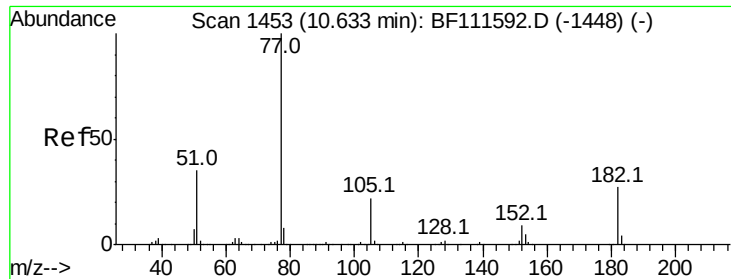
#62
 4-Nitroaniline
 Concen: 18.921 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	29.9	69.9
108	74.9	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: 25.829 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

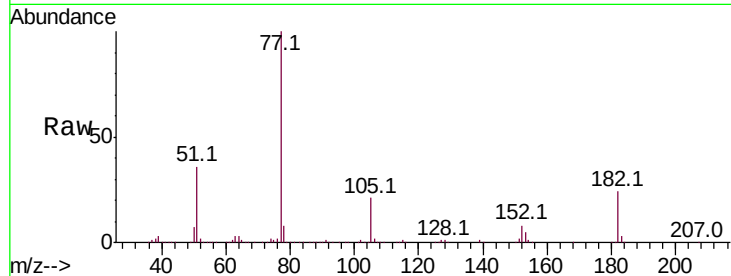
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 777320

Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	21.0	6.0	46.0
51	35.7	14.7	54.7

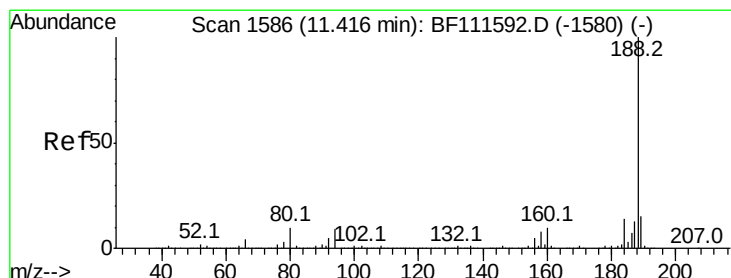
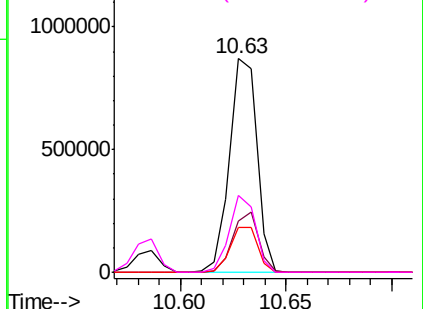
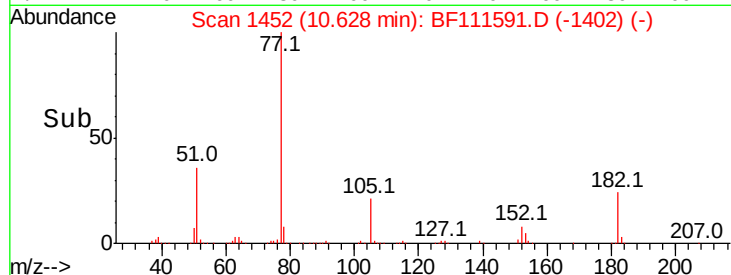


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

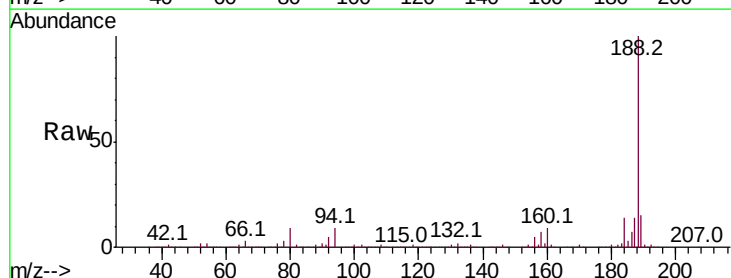
Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Tgt Ion: 188 Resp: 785278

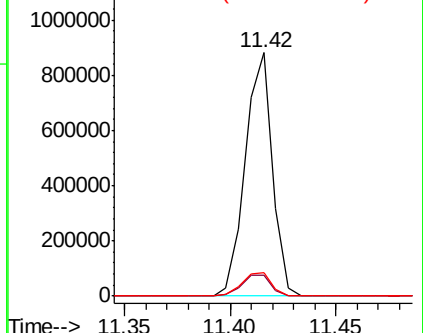
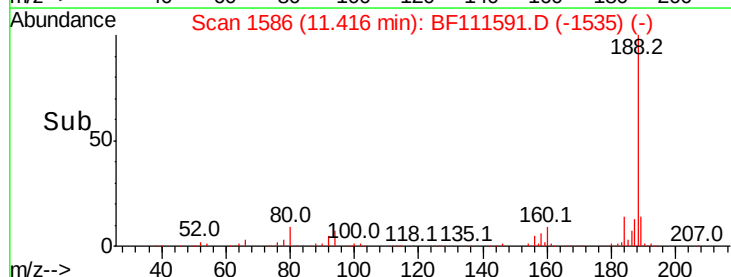
Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	9.5	9.8	14.6#

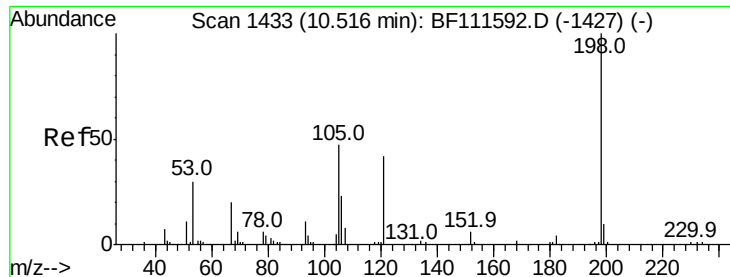


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.929 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

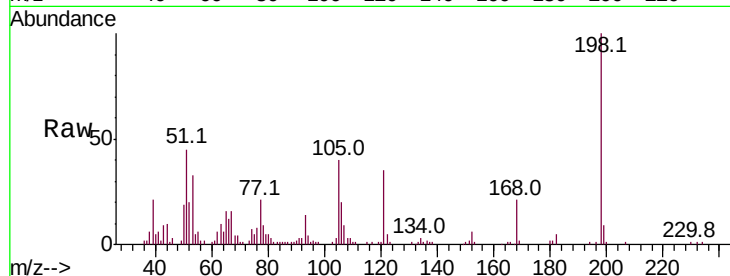
Tot Ion:198 Resp: 66182

Ion Ratio Lower Upper

198 100

51 44.7 48.0 88.0#

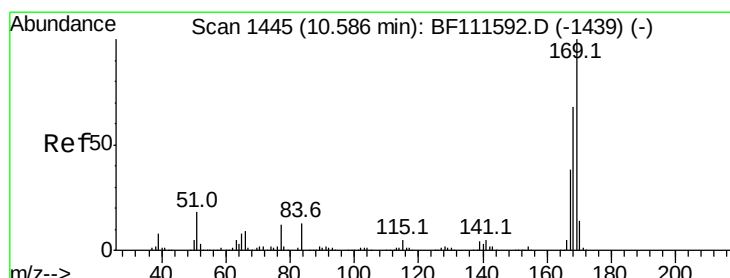
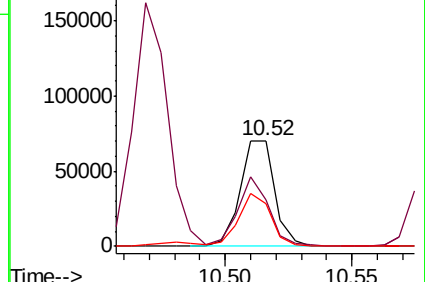
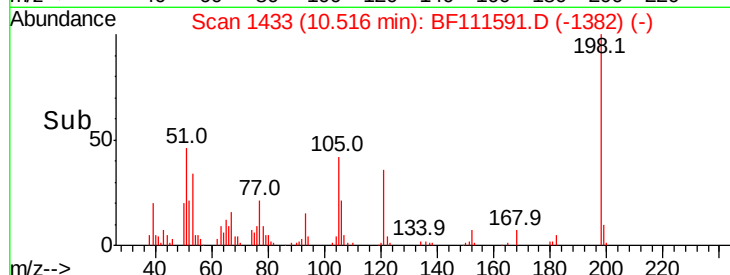
105 40.3 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 25.419 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

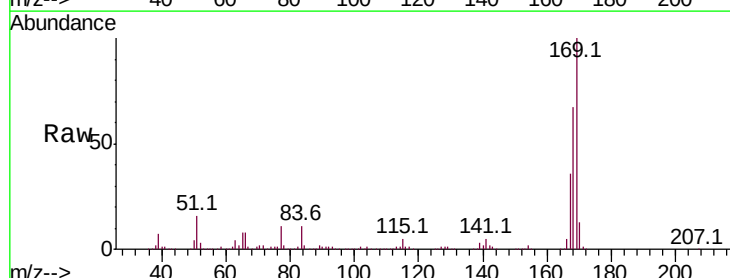
Tgt Ion:169 Resp: 688352

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

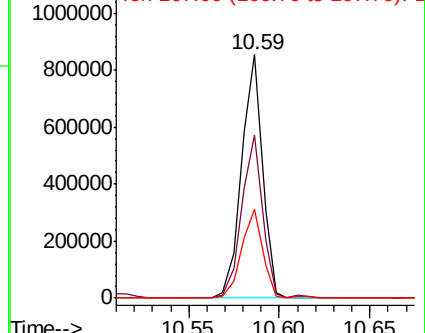
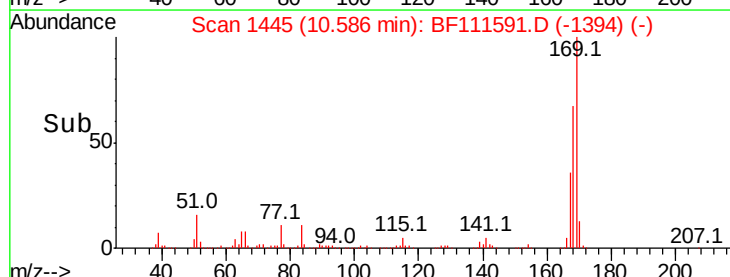
167 36.4 30.5 45.7

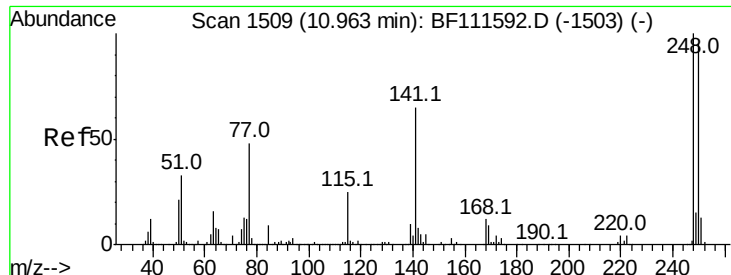


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

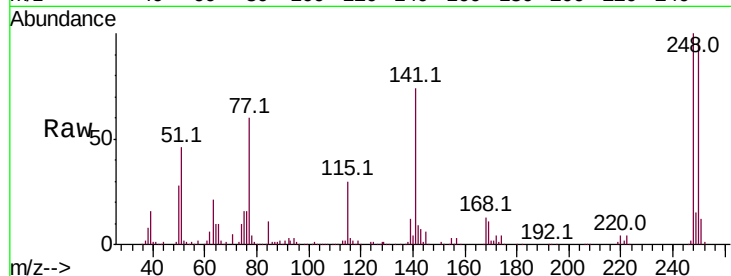




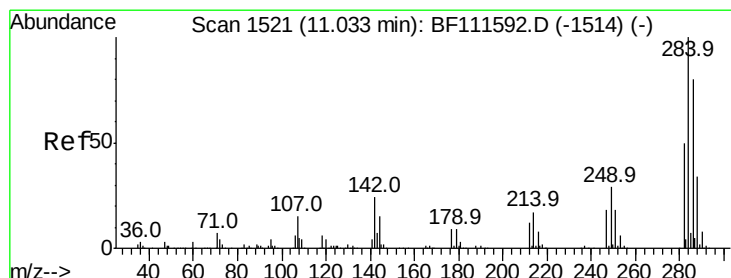
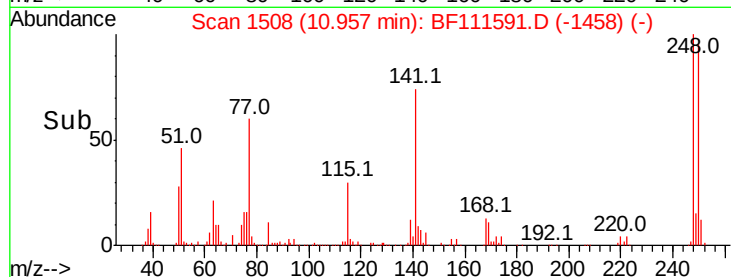
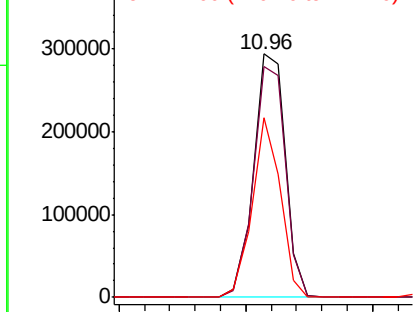
#67
 4-Bromophenyl-phenylether
 Concen: 30.459 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.0	115.4
141	73.8	63.0	94.6

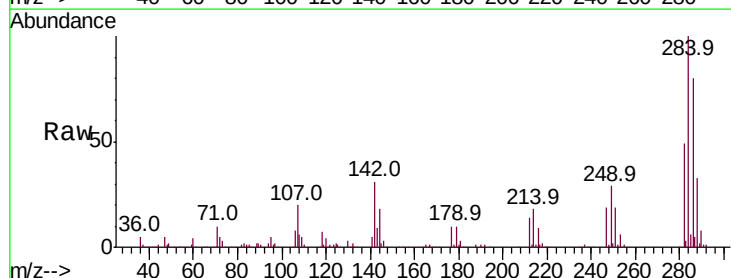


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

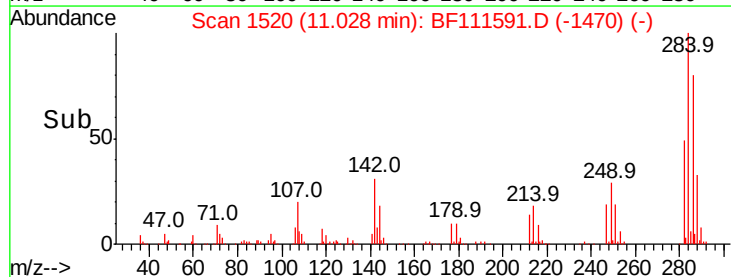
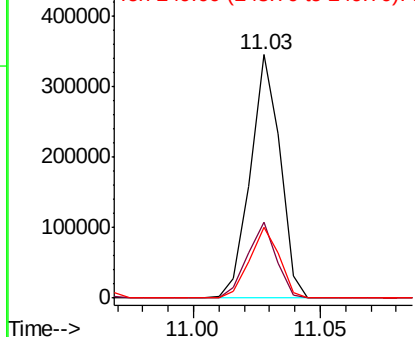


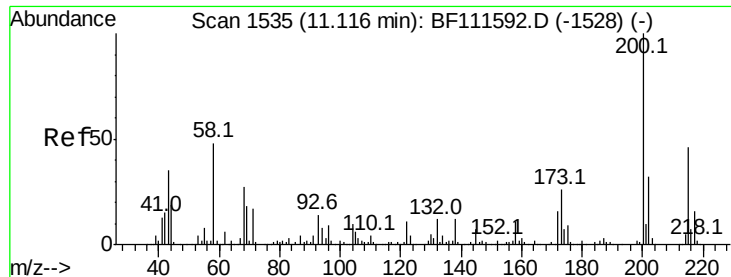
#68
 Hexachlorobenzene
 Concen: 32.379 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	27.4	41.2
249	29.2	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

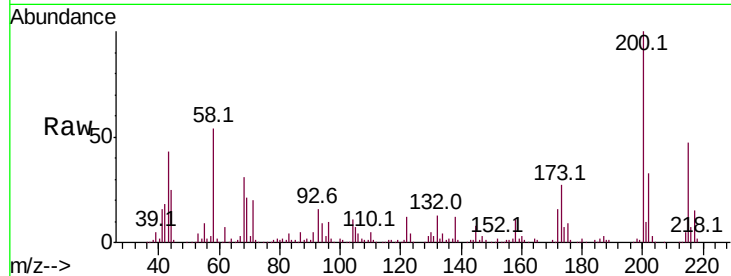




#69
Atrazine
Concen: 30.226 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	10.1	50.1
215	47.3	26.9	66.9

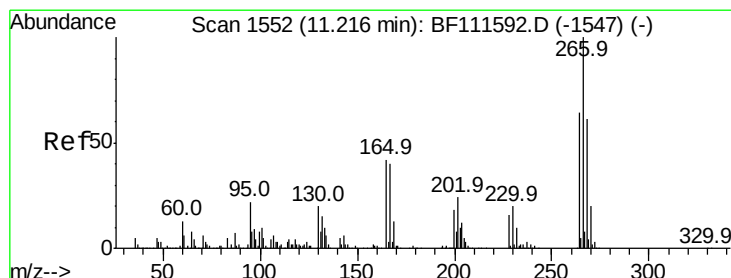
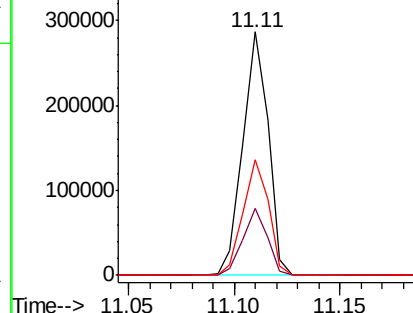
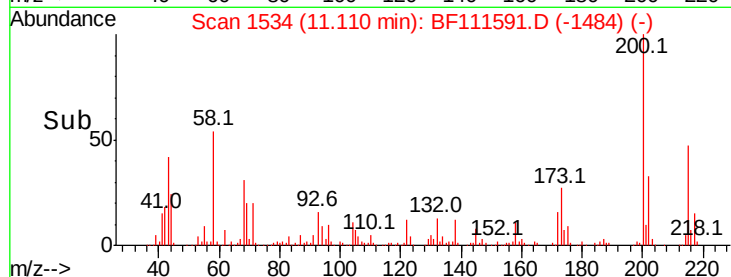


Abundance

Ion 200.00 (199.70 to 200.70): E

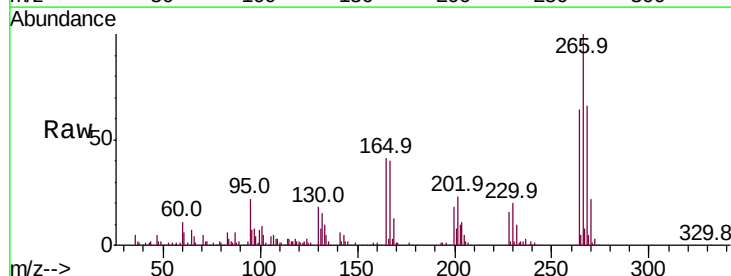
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 32.813 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	47.9	71.9
264	64.2	49.1	73.7

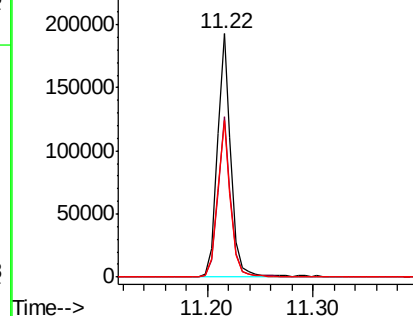
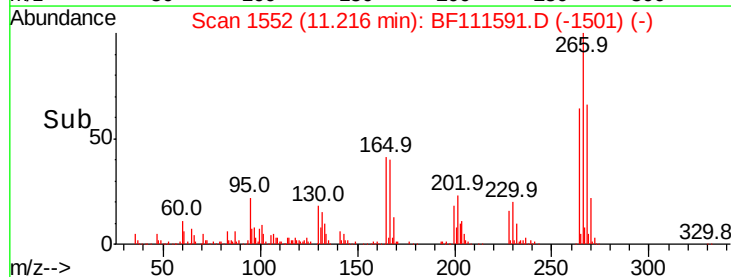


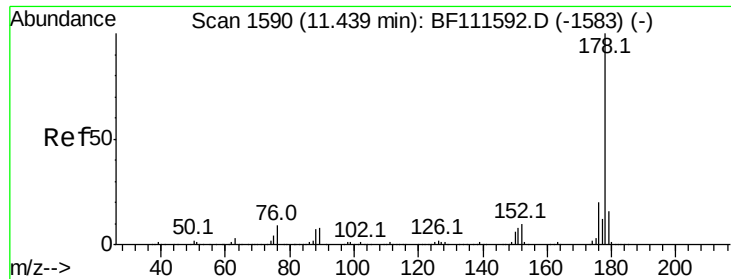
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 26.836 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

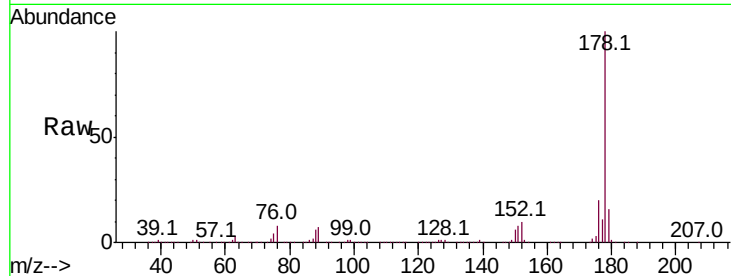
Tot Ion:178 Resp: 1085899

Ion Ratio Lower Upper

178 100

176 19.9 18.1 27.1

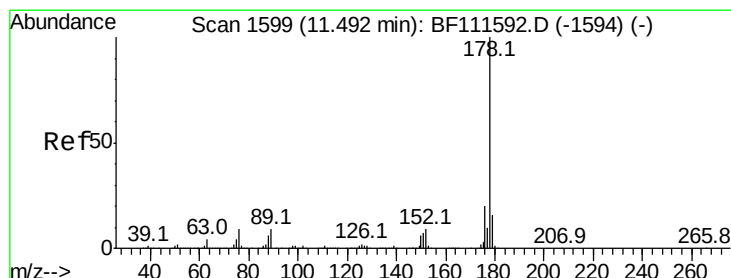
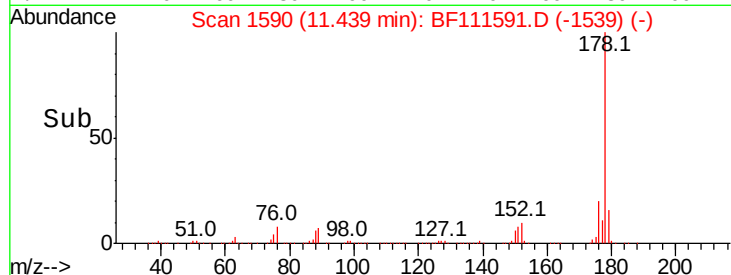
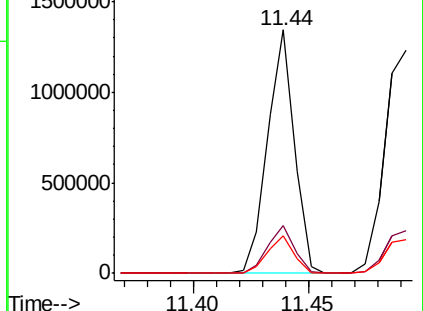
179 15.6 14.0 21.0



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: 26.621 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

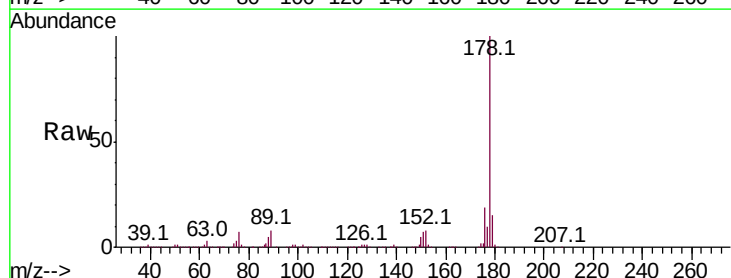
Tgt Ion:178 Resp: 1101610

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

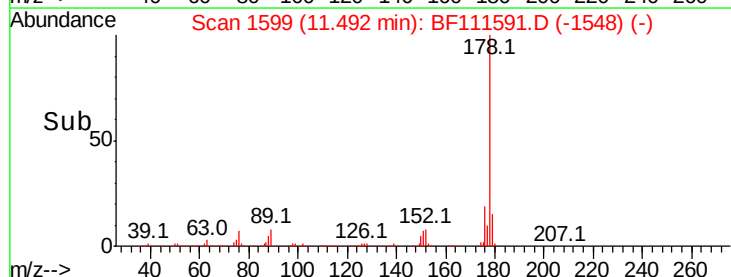
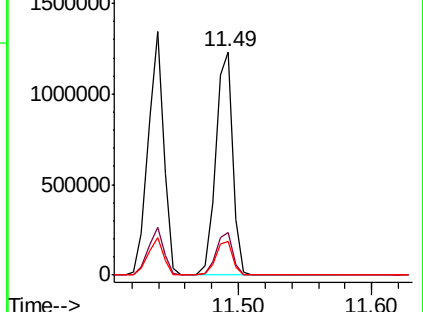
179 15.3 13.8 20.8

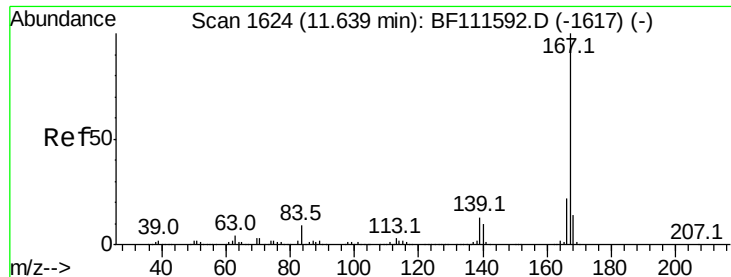


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



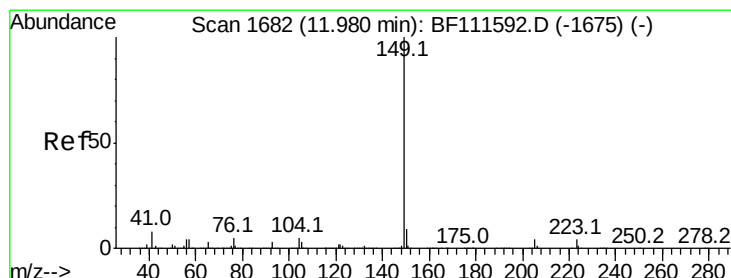
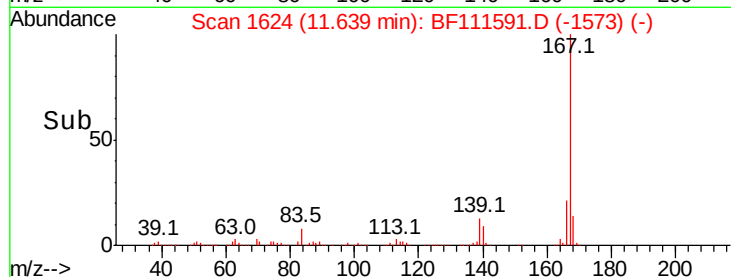
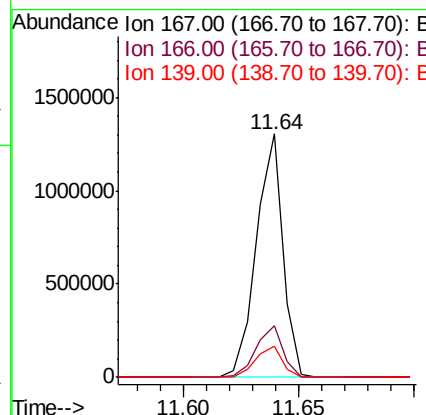
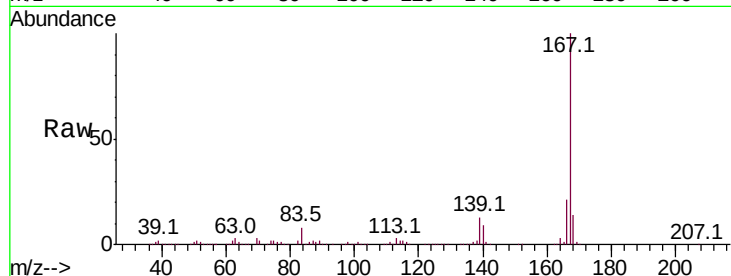


#73
 Carbazole
 Concen: 24.655 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1055046

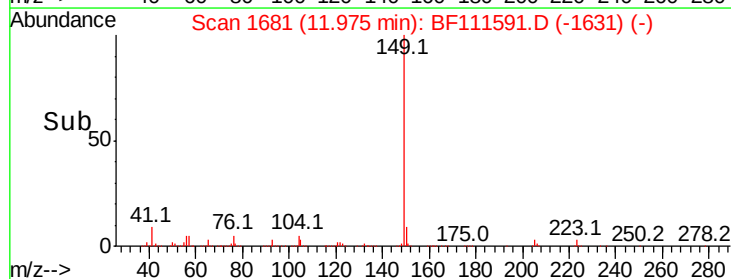
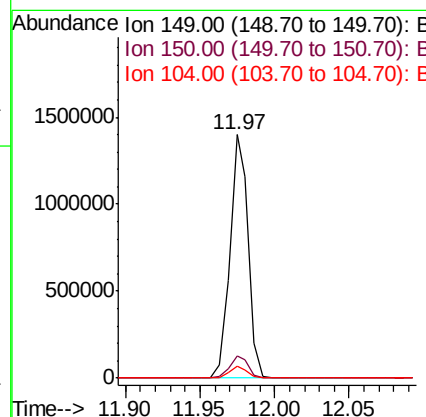
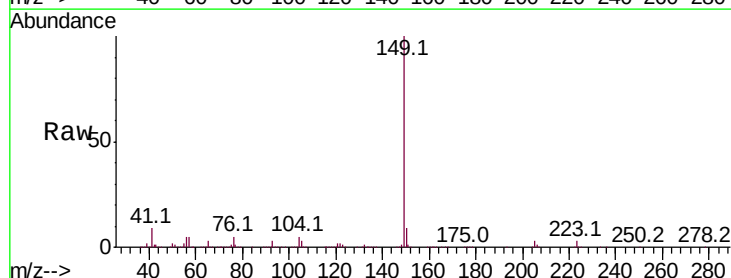
Ion	Ratio	Lower	Upper
167	100		
166	21.4	19.3	28.9
139	12.7	11.9	17.9

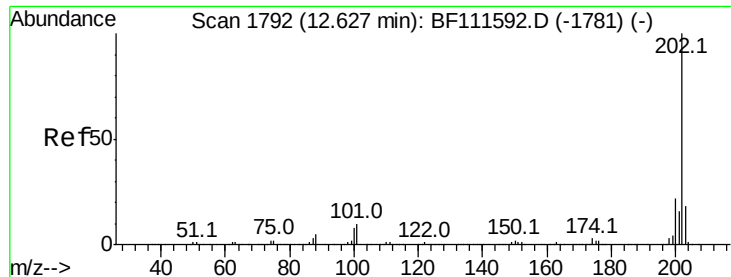


#74
 Di-n-butylphthalate
 Concen: 25.284 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111591.D
 Acq: 19 Dec 2018 15:05

Tgt Ion:149 Resp: 1204987

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	5.0	4.5	6.7





#75

Fluoranthene

Concen: 28.259 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

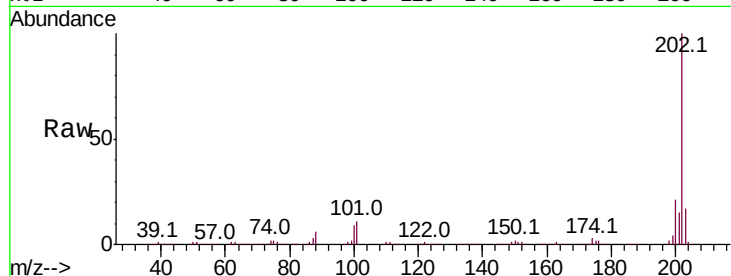
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1118661

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.8
203	17.5	0.0	38.6

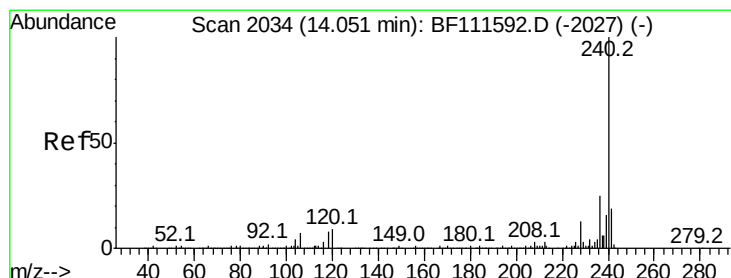
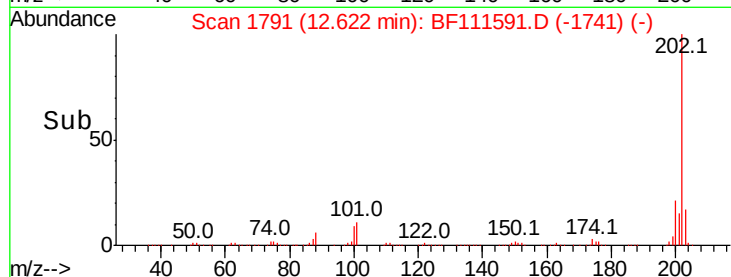
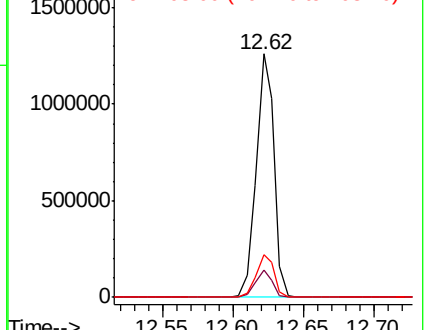


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

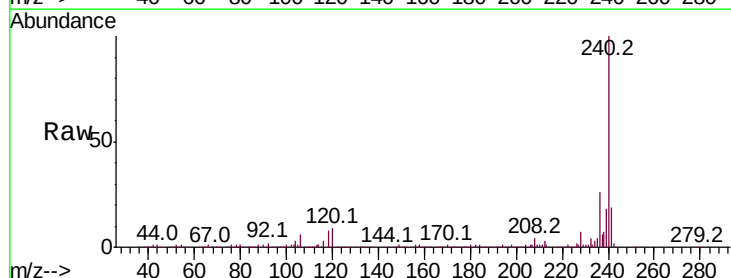
Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Tgt Ion:240 Resp: 649550

Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.2	18.2#
236	25.7	20.2	30.2

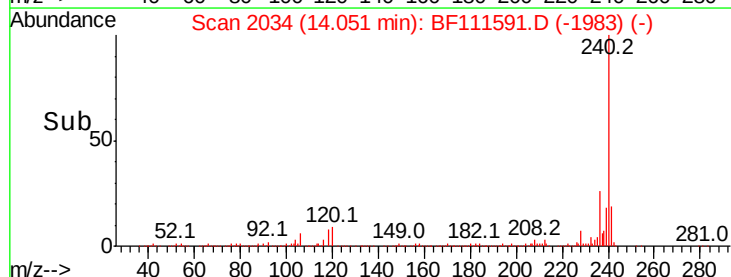
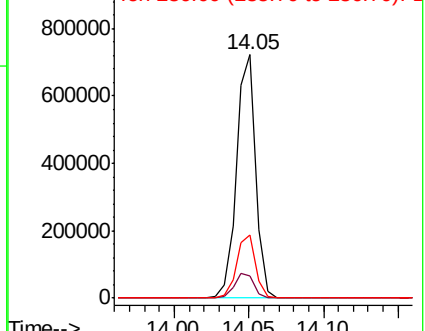


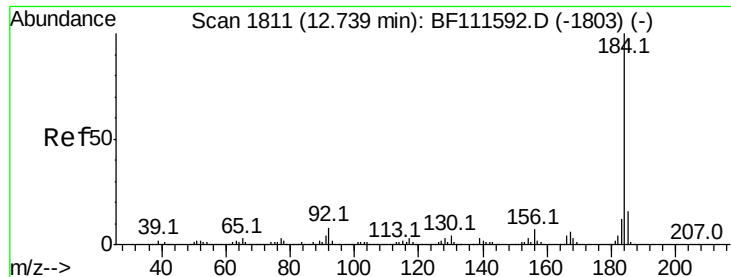
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.532 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

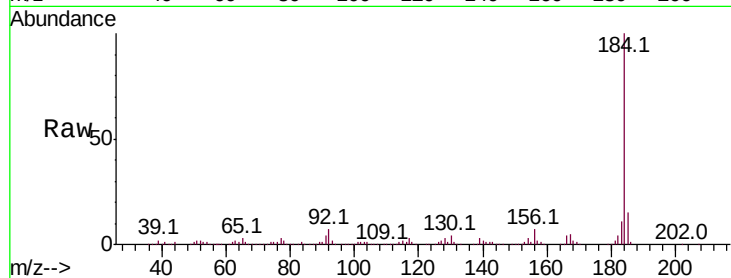
Tot Ion:184 Resp: 633527

Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	11.4	9.3	13.9

184 100

185 15.0 13.0 19.6

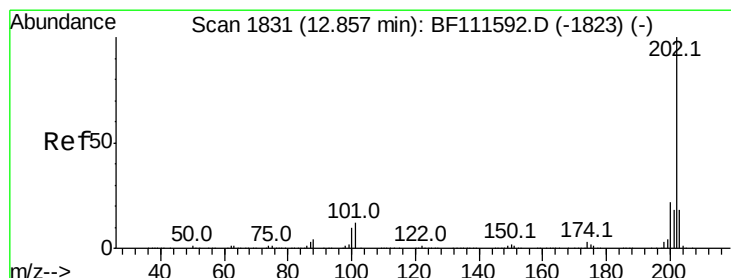
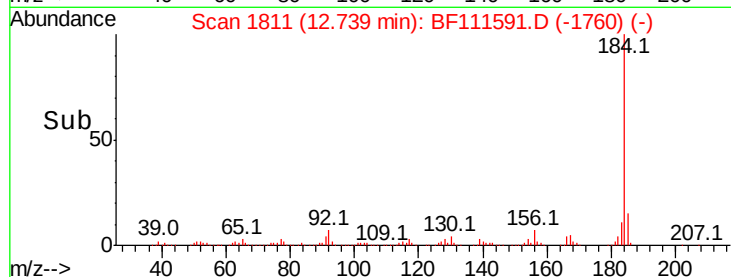
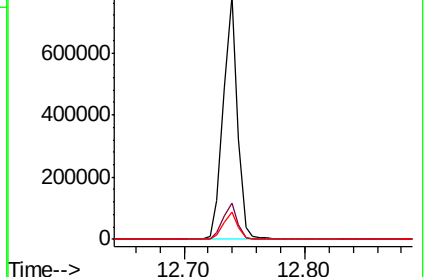
183 11.4 9.3 13.9



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: 24.971 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

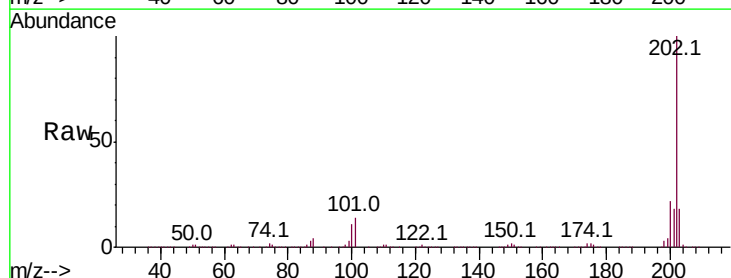
Tgt Ion:202 Resp: 1143546

Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.0	28.4
203	17.6	15.2	22.8

202 100

200 21.6 19.0 28.4

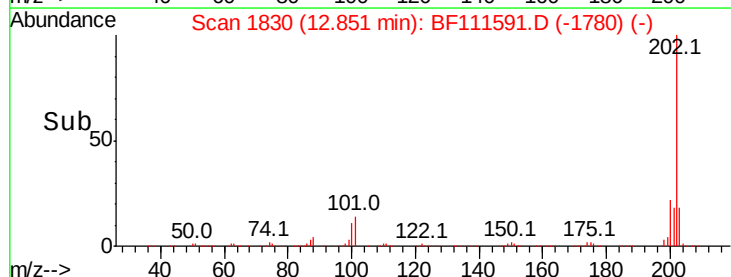
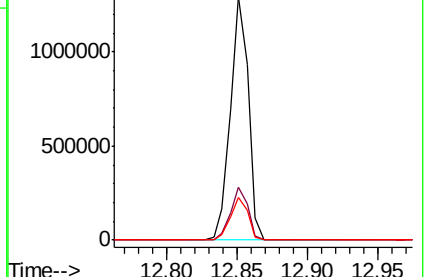
203 17.6 15.2 22.8

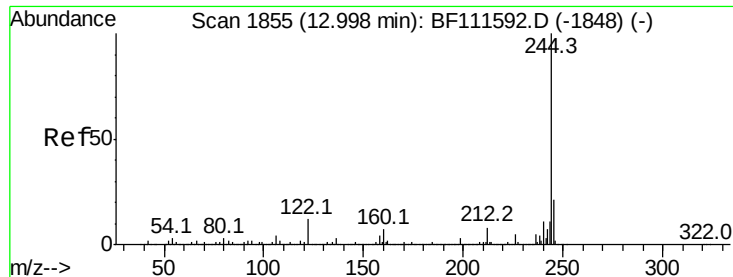


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.861 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

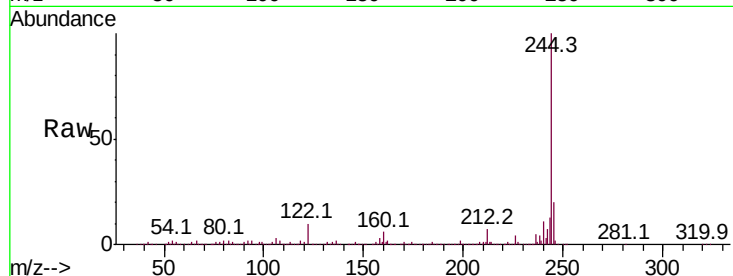
Tot Ion:244 Resp: 1711135

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

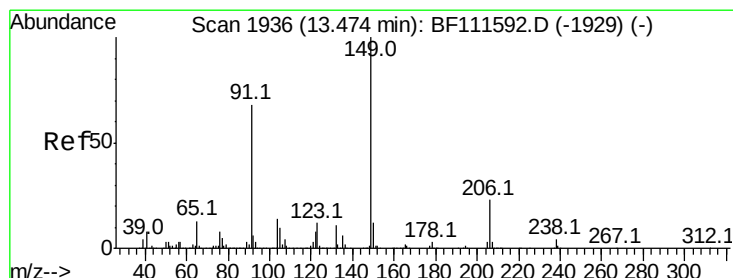
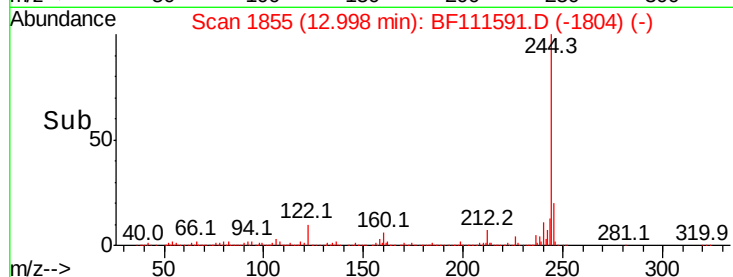
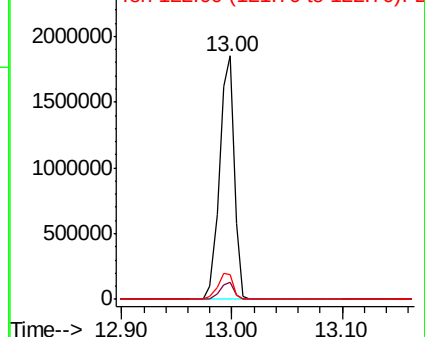
122 10.2 13.1 19.7#



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: 21.262 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

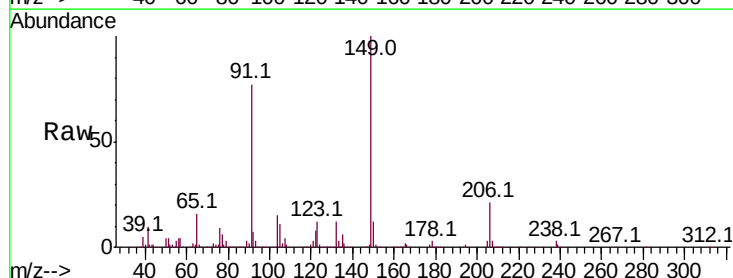
Tgt Ion:149 Resp: 474610

Ion Ratio Lower Upper

149 100

91 76.9 63.8 95.6

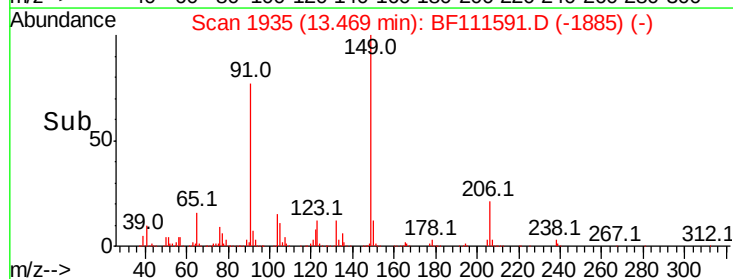
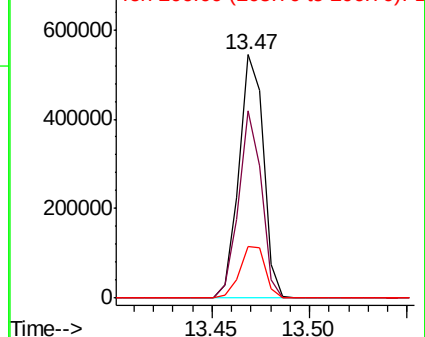
206 21.1 15.1 22.7

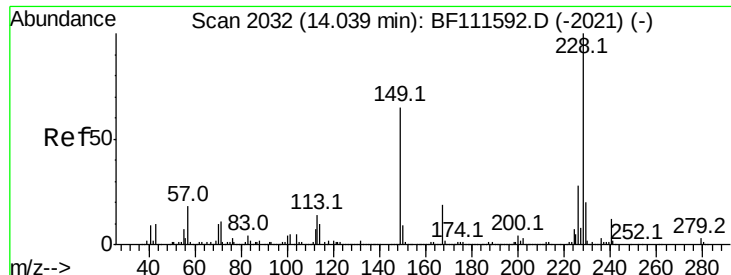


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

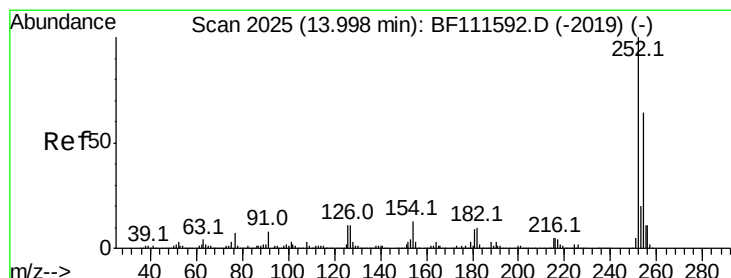
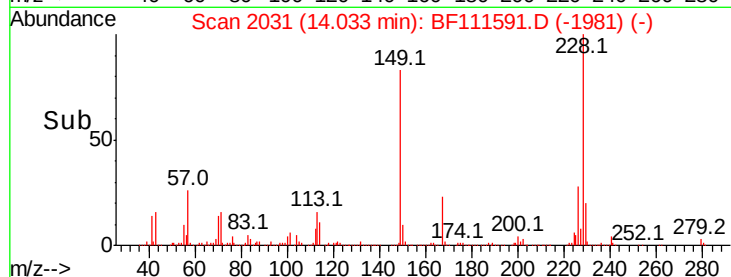
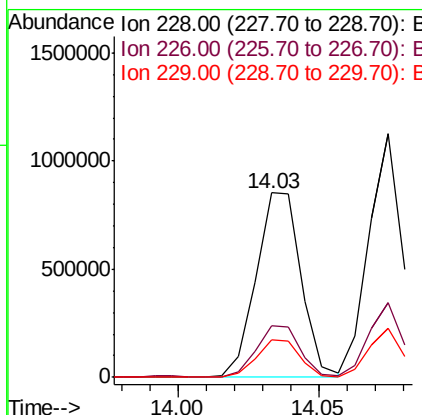
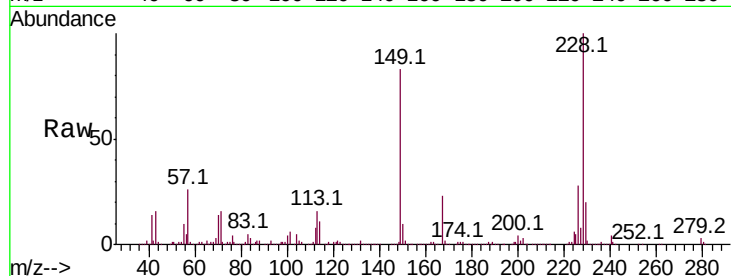




#81
Benzo(a)anthracene
Concen: 26.592 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

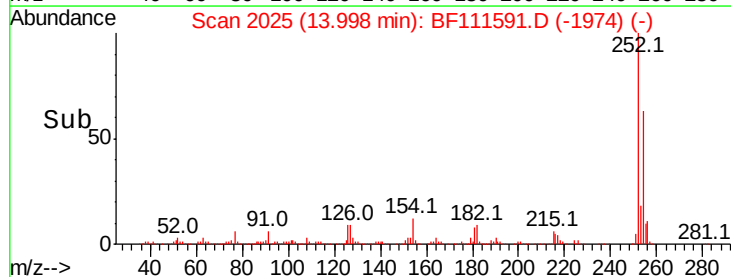
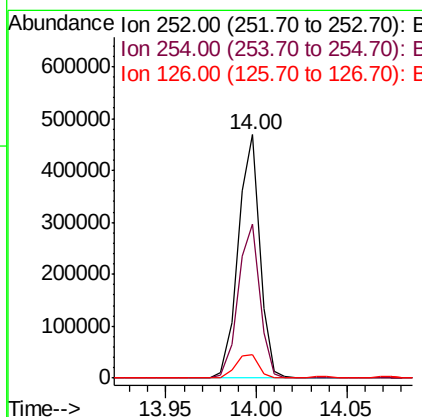
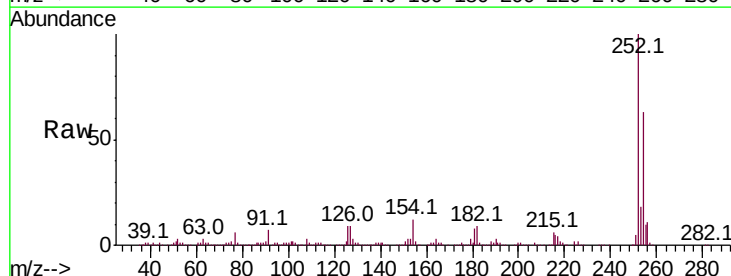
Instrument :
BNA_F
ClientSampleId :

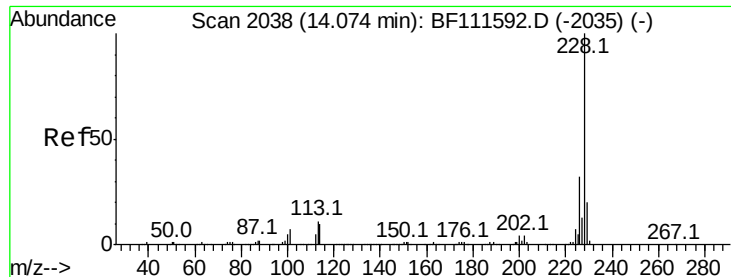
Tot Ion:228 Resp: 939191
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.110 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion:252 Resp: 389242
Ion Ratio Lower Upper
252 100
254 63.1 52.7 79.1
126 9.4 11.1 16.7#





#83

Chrysene

Concen: 24.637 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

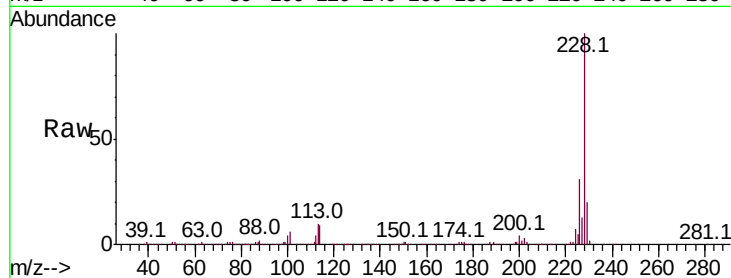
Tot Ion:228 Resp: 916644

Ion Ratio Lower Upper

228 100

226 30.9 25.3 37.9

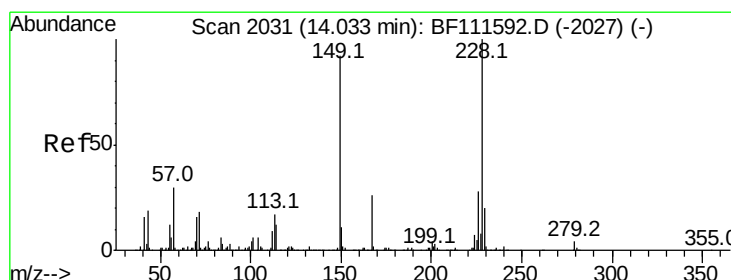
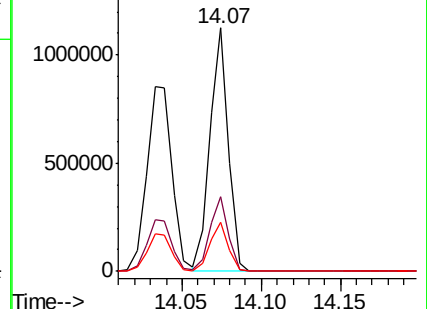
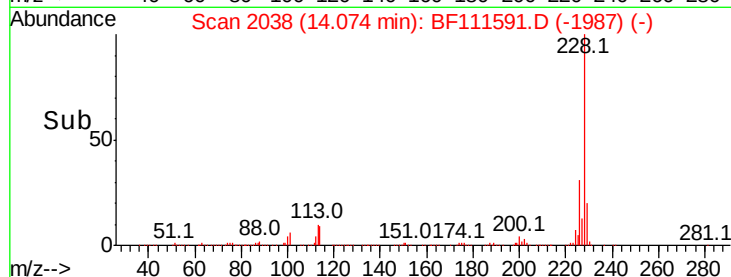
229 19.9 17.2 25.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.293 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

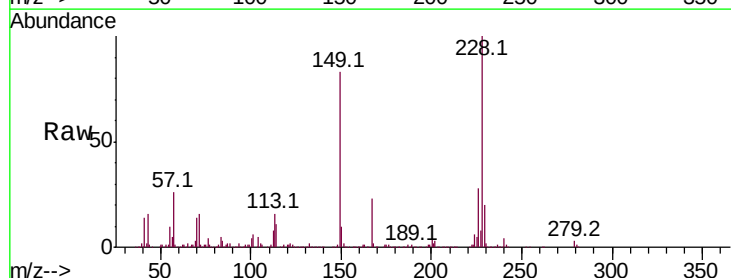
Tgt Ion:149 Resp: 607092

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

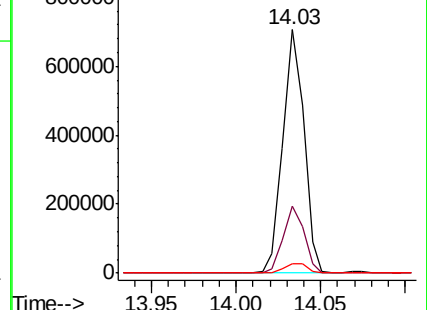
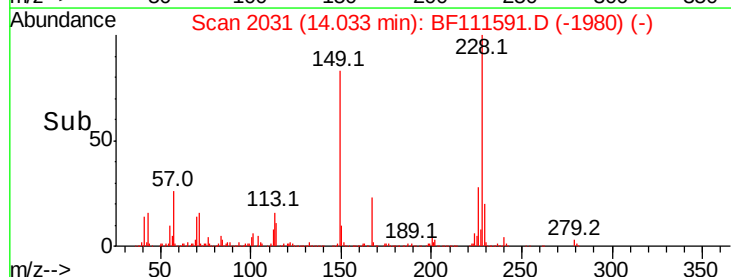
279 4.1 2.6 4.0#

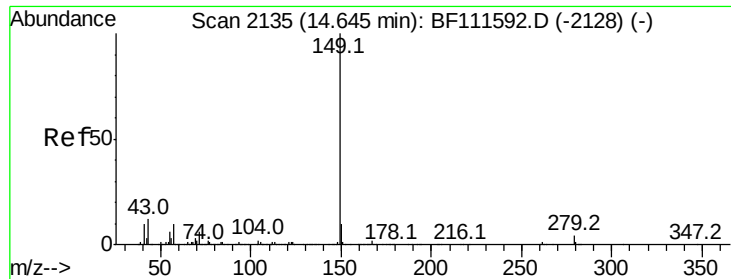


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 19.399 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampled :

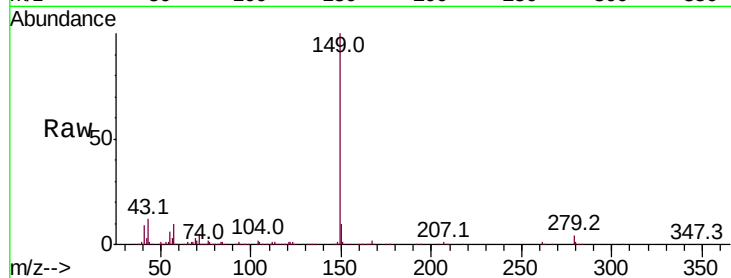
Tot Ion:149 Resp: 932920

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

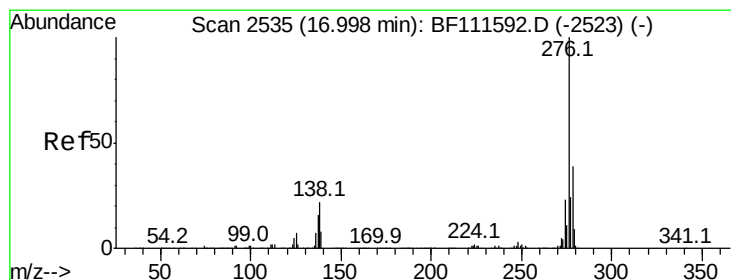
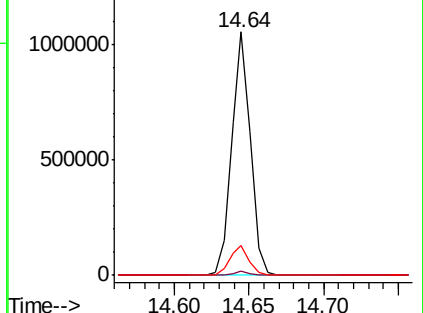
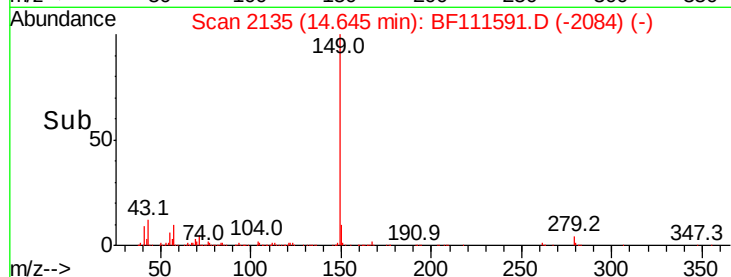
43 12.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.457 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

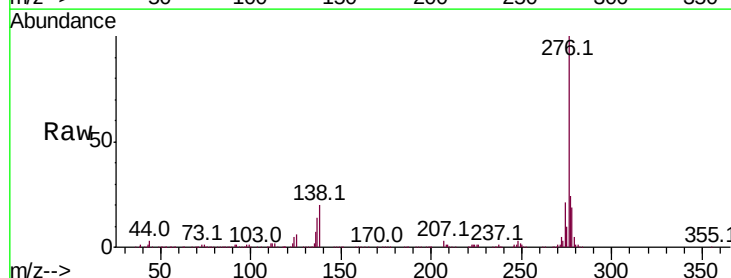
Tgt Ion:276 Resp: 683598

Ion Ratio Lower Upper

276 100

138 24.6 27.8 41.6#

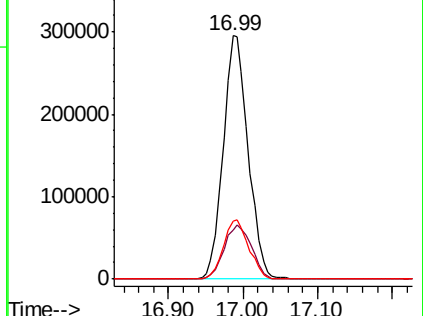
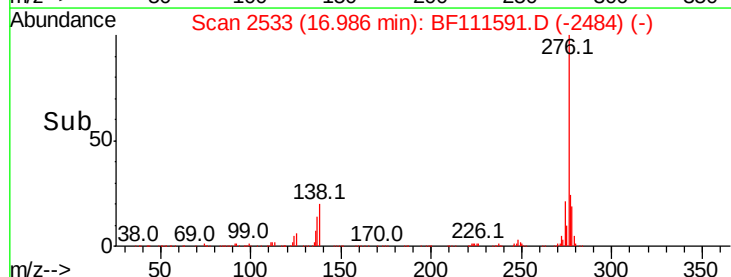
277 24.8 20.1 30.1

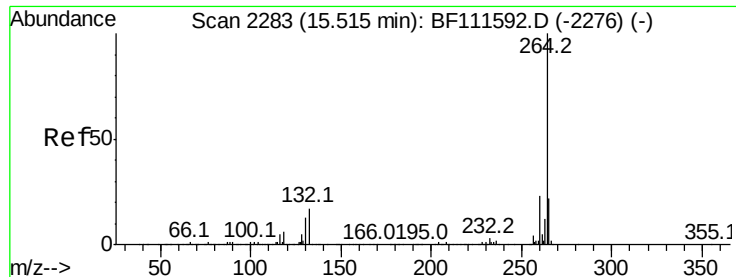


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

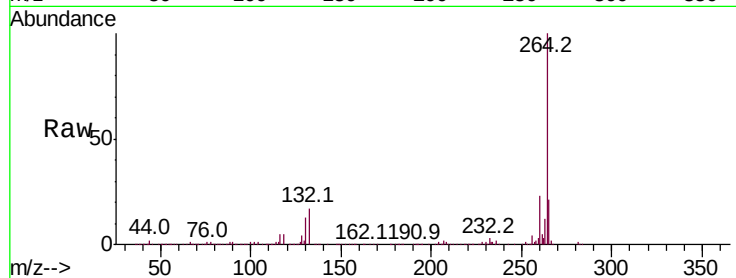
Tot Ion:264 Resp: 510756

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.0	17.7	26.5

264 100

260 22.9 18.3 27.5

265 21.0 17.7 26.5

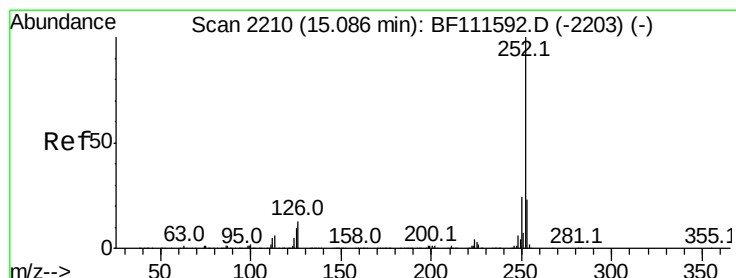
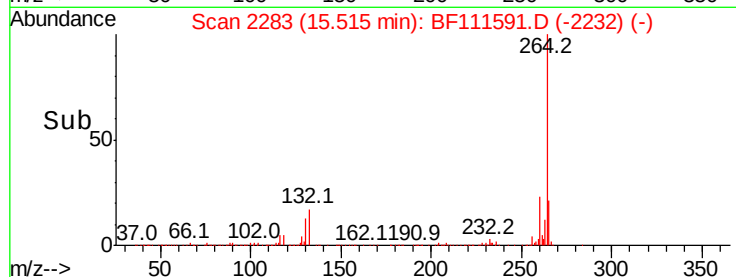
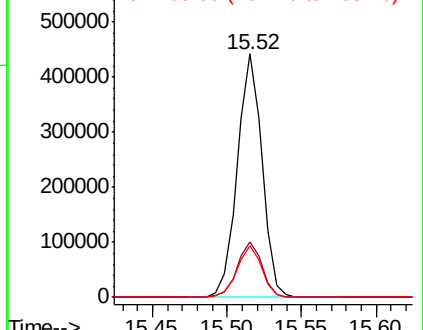


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 25.394 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

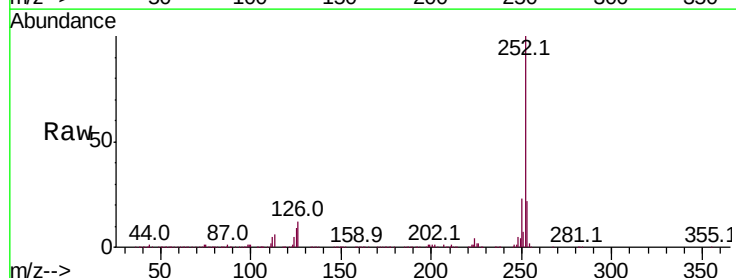
Tgt Ion:252 Resp: 756178

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.2	10.4	15.6

252 100

253 21.8 18.2 27.2

125 9.2 10.4 15.6

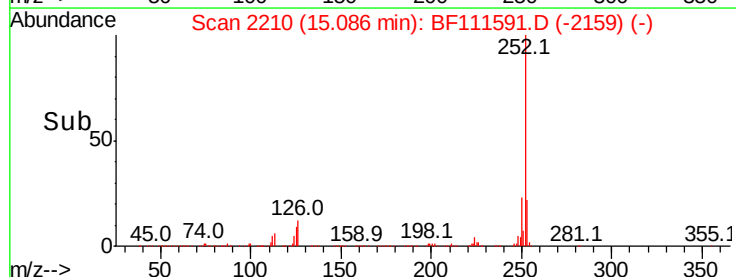
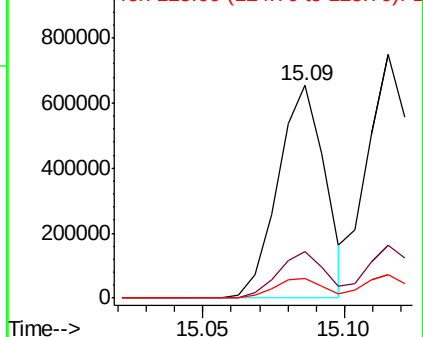


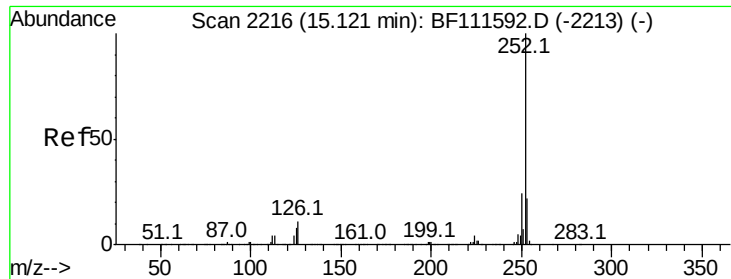
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

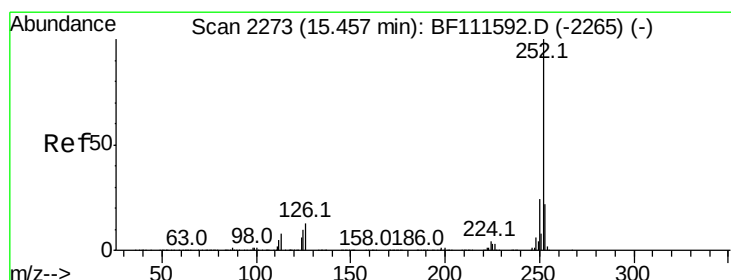
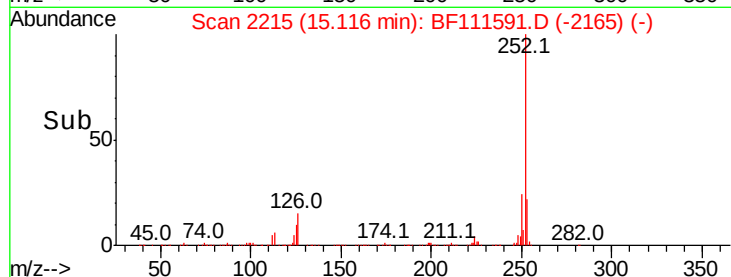
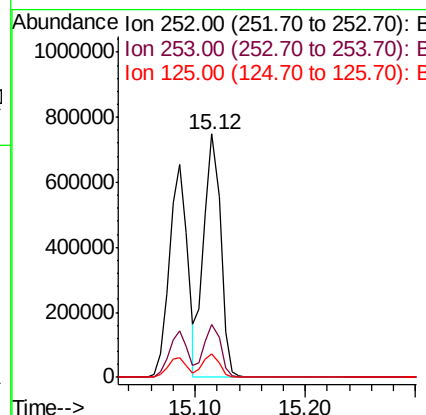
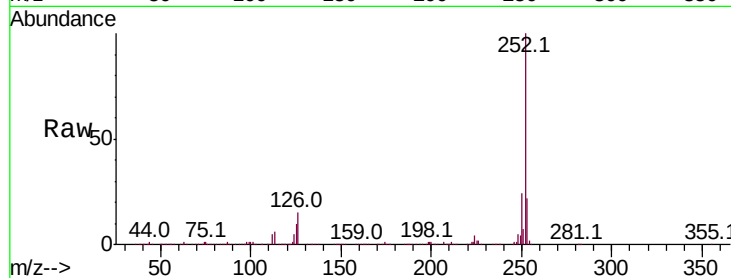




#89
Benzo(k)fluoranthene
Concen: 27.256 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

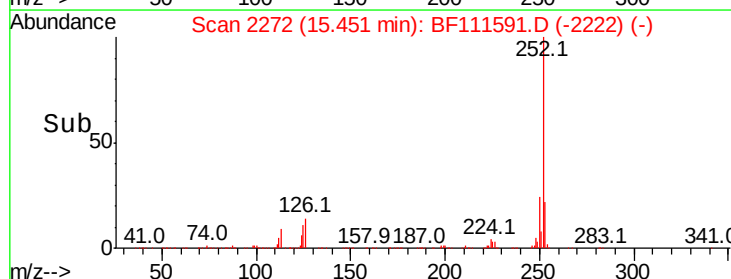
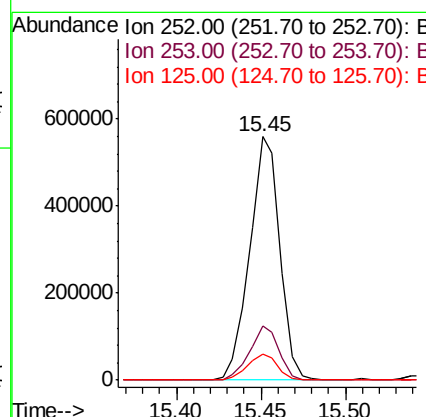
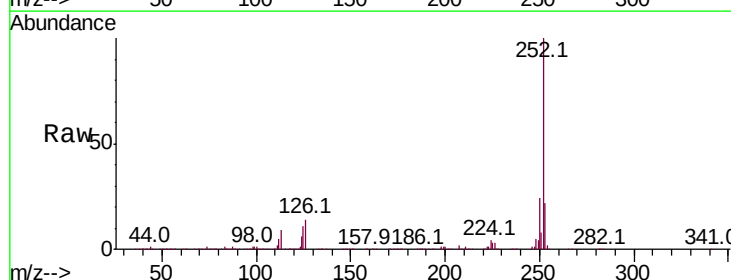
Instrument :
BNA_F
ClientSampleId :

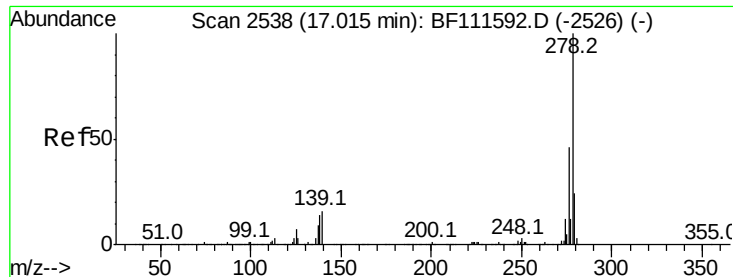
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.7	9.8	14.8



#90
Benzo(a)pyrene
Concen: 25.901 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF111591.D
Acq: 19 Dec 2018 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 27.124 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

Instrument :

BNA_F

ClientSampleId :

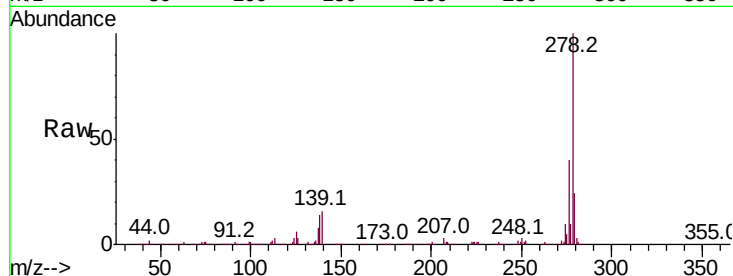
Tot Ion:278 Resp: 574554

Ion Ratio Lower Upper

278 100

139 15.6 18.2 27.4#

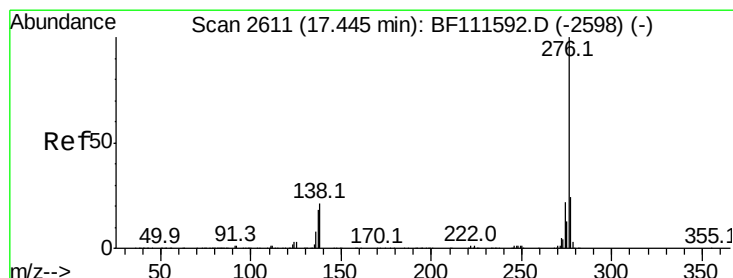
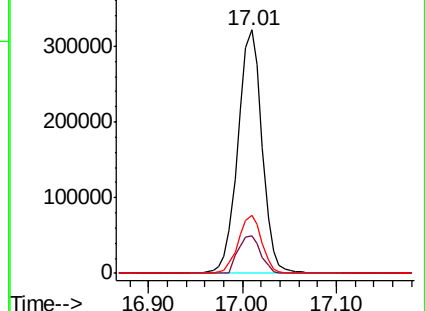
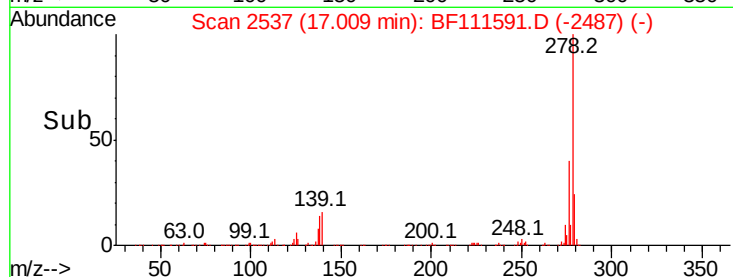
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 26.477 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF111591.D

Acq: 19 Dec 2018 15:05

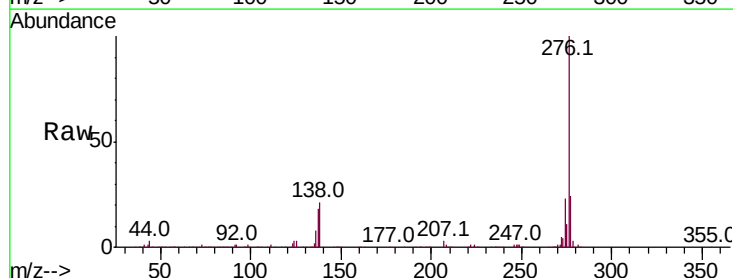
Tgt Ion:276 Resp: 550514

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 21.3 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

