

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111818.D
 Acq On : 3 Jan 2019 13:57
 Operator : JU/SJ
 Sample : PB116115BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 14:31:35 2019
 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 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	266977	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1005660	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	521682	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	983982	20.00	ng	0.01
76) Chrysene-d12	14.07	240	789126	20.00	ng	0.02
87) Perylene-d12	15.55	264	611024	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1849752	118.10	ng	0.04
7) Phenol-d6	6.55	99	2350991	117.94	ng	0.03
23) Nitrobenzene-d5	7.46	82	1289776	74.65	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	787344	127.73	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	2437785	68.11	ng	0.00
79) Terphenyl-d14	13.01	244	2781670	66.85	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	258779	35.116	ng	96
3) Pyridine	3.56	79	716510	37.321	ng	97
4) n-Nitrosodimethylamine	3.52	42	384339	40.905	ng	90
6) Aniline	6.56	93	745006	29.321	ng	# 1
8) 2-Chlorophenol	6.70	128	715852	41.259	ng	98
9) Benzaldehyde	6.45	77	189485	13.822	ng	97
10) Phenol	6.56	94	849542	37.773	ng	75
11) bis(2-Chloroethyl)ether	6.64	93	682384	40.489	ng	100
12) 1,3-Dichlorobenzene	6.85	146	800981	39.835	ng	98
13) 1,4-Dichlorobenzene	6.92	146	808422	39.644	ng	98
14) 1,2-Dichlorobenzene	7.07	146	760654	39.981	ng	97
15) Benzyl Alcohol	7.05	79	638267	40.318	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1153328	37.156	ng	85
17) 2-Methylphenol	7.16	107	585054	42.112	ng	# 93
18) Hexachloroethane	7.42	117	285035	41.479	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	501385	37.875	ng	99
20) 3+4-Methylphenols	7.32	107	719969	41.013	ng	# 84
22) Acetophenone	7.31	105	952644	37.392	ng	# 94
24) Nitrobenzene	7.48	77	771023	42.579	ng	98
25) Isophorone	7.72	82	1371465	44.714	ng	99
26) 2-Nitrophenol	7.80	139	385015	52.426	ng	94
27) 2,4-Dimethylphenol	7.85	122	652598	45.078	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	875887	42.914	ng	98
29) 2,4-Dichlorophenol	8.05	162	653378	41.960	ng	94
30) 1,2,4-Trichlorobenzene	8.13	180	691610	39.858	ng	97
31) Naphthalene	8.21	128	2071787	42.876	ng	98
32) Benzoic acid	7.97	122	393435	41.103	ng	94
33) 4-Chloroaniline	8.25	127	523004	25.042	ng	99
34) Hexachlorobutadiene	8.33	225	417715	39.498	ng	98
35) Caprolactam	8.62	113	128843	24.419	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	640629	41.853	ng	97
37) 2-Methylnaphthalene	8.90	142	1424140	45.301	ng	99
38) 1-Methylnaphthalene	9.00	142	1344788	44.540	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	672464	39.228	ng	98

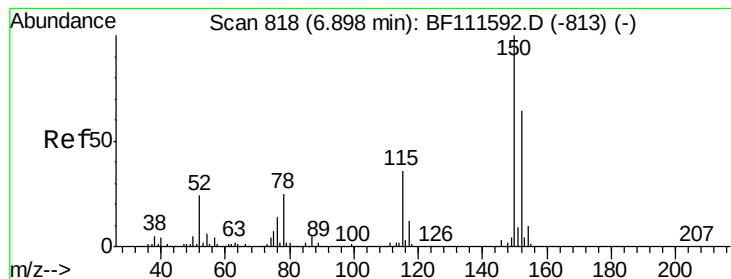
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	917957	110.350	ng	99
43) 2,4,6-Trichlorophenol	9.18	196	468982	40.976	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	490329	41.760	ng	91
46) 1,1'-Biphenyl	9.36	154	1724815	39.167	ng	96
47) 2-Chloronaphthalene	9.39	162	1368379	39.219	ng	95
48) 2-Nitroaniline	9.48	65	424120	46.726	ng	96
49) Acenaphthylene	9.80	152	2148298	42.171	ng	98
50) Dimethylphthalate	9.66	163	1590270	41.686	ng	98
51) 2,6-Dinitrotoluene	9.72	165	364367	47.900	ng	98
52) Acenaphthene	9.98	154	1429414	45.495	ng	99
53) 3-Nitroaniline	9.89	138	272061	33.535	ng	92
54) 2,4-Dinitrophenol	10.00	184	358286	140.666	ng	90
55) Dibenzofuran	10.15	168	1914274	40.327	ng	94
56) 4-Nitrophenol	10.07	139	575790	93.001	ng	96
57) 2,4-Dinitrotoluene	10.13	165	488672	53.451	ng	97
58) Fluorene	10.49	166	1488900	43.529	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	448188	45.357	ng	# 86
60) Diethylphthalate	10.36	149	1525264	40.759	ng	97
61) 4-Chlorophenyl-phenylether	10.48	204	750355	39.706	ng	91
62) 4-Nitroaniline	10.51	138	374308	47.471	ng	93
63) Azobenzene	10.64	77	1481187	39.426	ng	96
65) 4,6-Dinitro-2-methylphenol	10.54	198	229893	55.341	ng	# 78
66) n-Nitrosodiphenylamine	10.60	169	1332201	40.333	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	498763	40.867	ng	94
68) Hexachlorobenzene	11.05	284	558936	41.075	ng	93
69) Atrazine	11.13	200	455308	39.679	ng	95
70) Pentachlorophenol	11.24	266	562201	66.829	ng	97
71) Phenanthrene	11.46	178	2174433	41.668	ng	97
72) Anthracene	11.51	178	2235745	42.684	ng	97
73) Carbazole	11.66	167	1981126	38.958	ng	96
74) Di-n-butylphthalate	11.98	149	2329075	40.849	ng	98
75) Fluoranthene	12.64	202	2237764	42.347	ng	97
77) Benzidine	12.76	184	868000	29.231	ng	98
78) Pyrene	12.87	202	2245250	40.291	ng	98
80) Butylbenzylphthalate	13.48	149	967927	42.611	ng	92
81) Benzo(a)anthracene	14.06	228	1951371	43.330	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	561427	31.552	ng	# 97
83) Chrysene	14.10	228	1843063	41.639	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1306734	45.670	ng	# 99
85) Di-n-octyl phthalate	14.65	149	1996949	45.046	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	1521928	40.447	ng	# 89
88) Benzo(b)fluoranthene	15.12	252	1688347	47.278	ng	# 95
89) Benzo(k)fluoranthene	15.15	252	1517280	44.629	ng	# 97
90) Benzo(a)pyrene	15.49	252	1519241	46.827	ng	# 94
91) Dibenzo(a,h)anthracene	17.07	278	1257971	44.279	ng	# 91
92) Benzo(g,h,i)perylene	17.52	276	1257612	45.333	ng	# 87

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

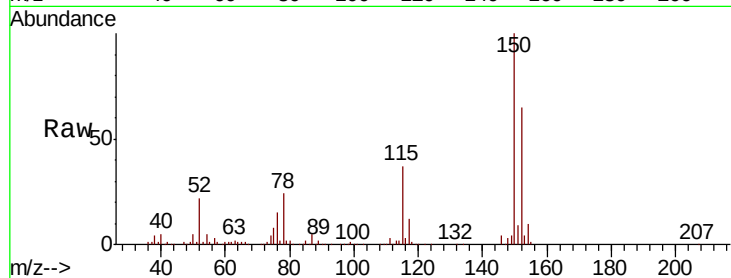


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	57.5	50.7	76.1

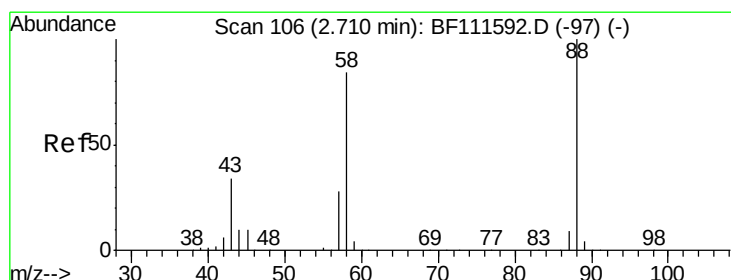
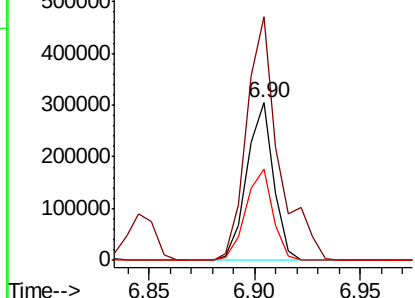
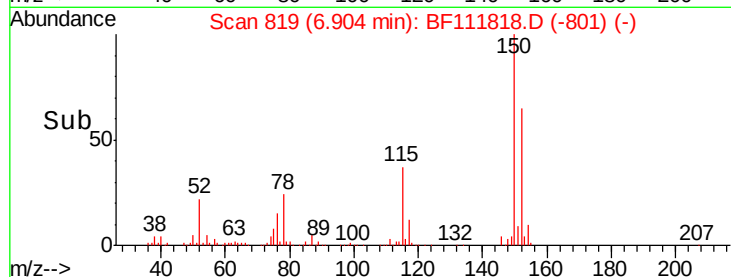


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

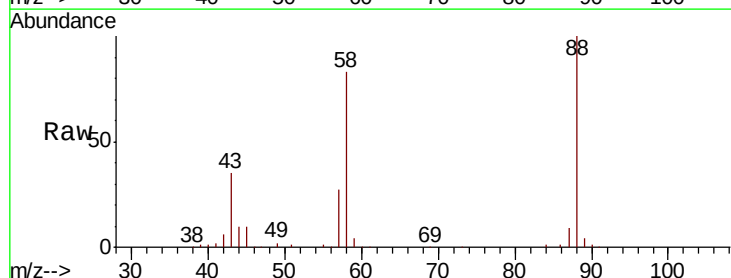
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.116 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	68.9	103.3
43	35.6	25.8	38.6

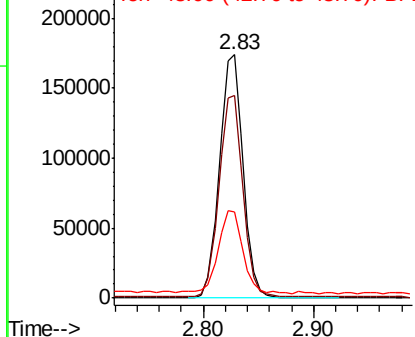
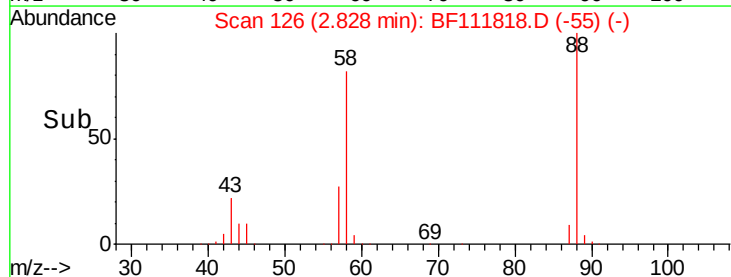


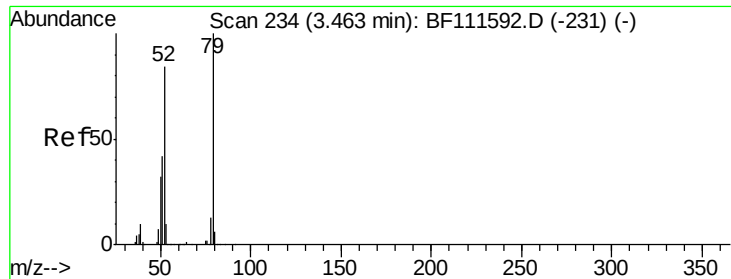
Abundance

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: 37.321 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.10 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

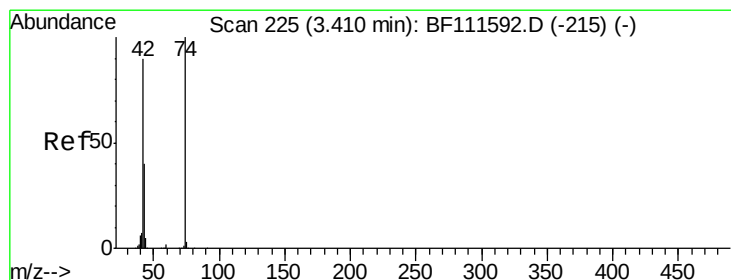
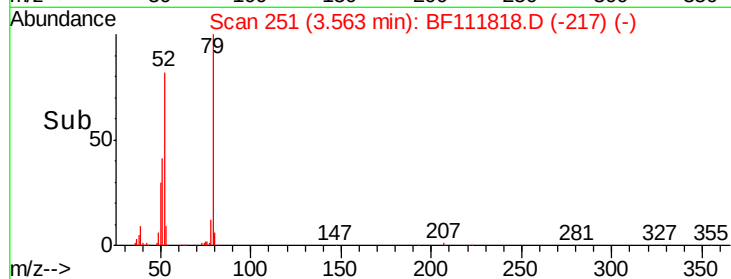
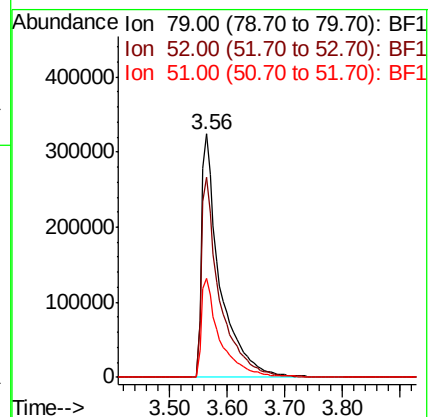
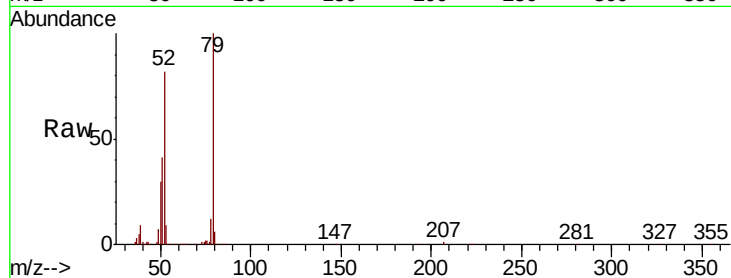
Tot Ion: 79 Resp: 716510

Ion Ratio Lower Upper

79 100

52 82.0 68.3 102.5

51 40.9 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 40.905 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.11 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

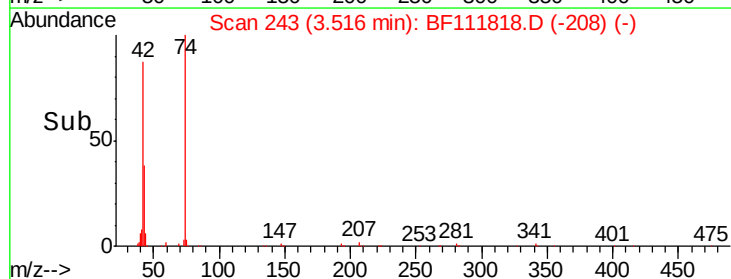
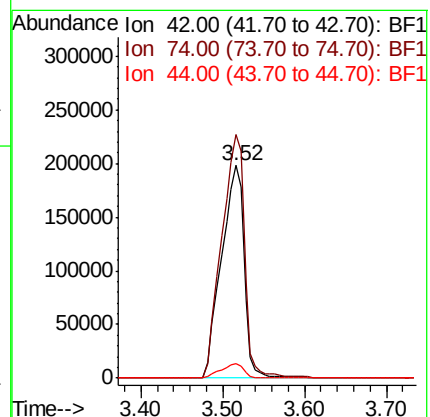
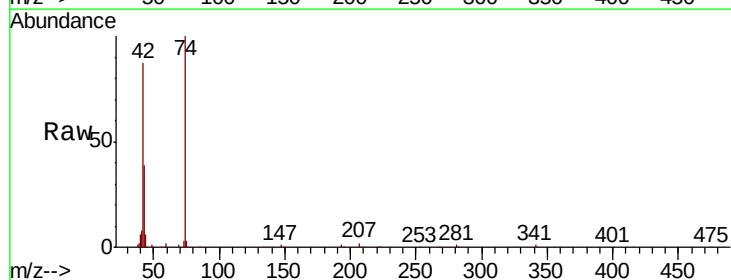
Tgt Ion: 42 Resp: 384339

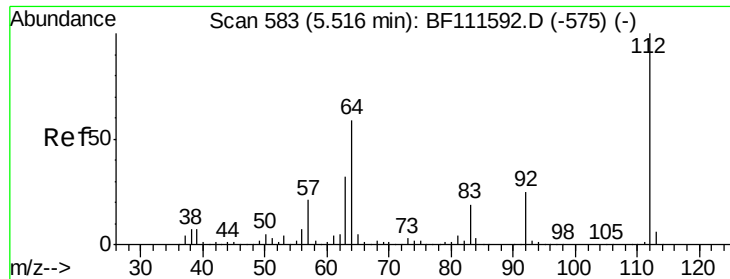
Ion Ratio Lower Upper

42 100

74 114.5 101.5 152.3

44 6.6 6.0 9.0





#5

2-Fluorophenol

Concen: 118.099 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampled :

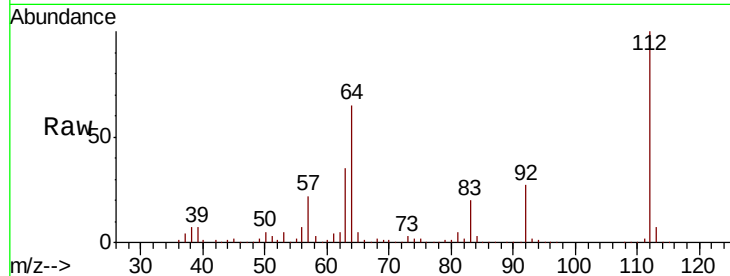
Tot Ion:112 Resp: 1849752

Ion Ratio Lower Upper

112 100

64 64.7 51.8 77.6

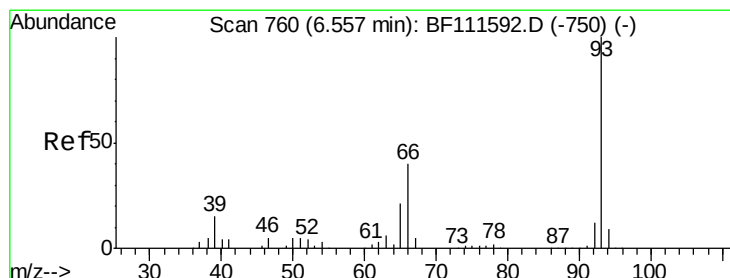
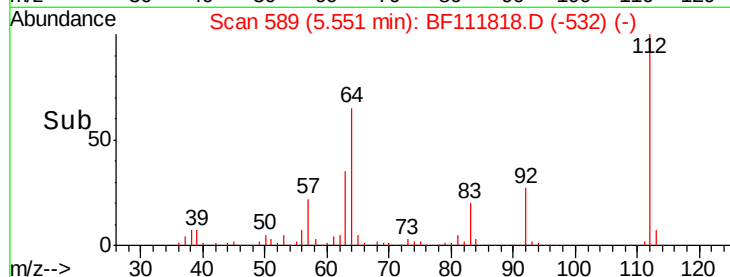
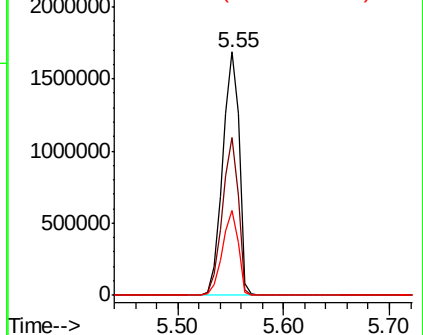
63 34.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.321 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

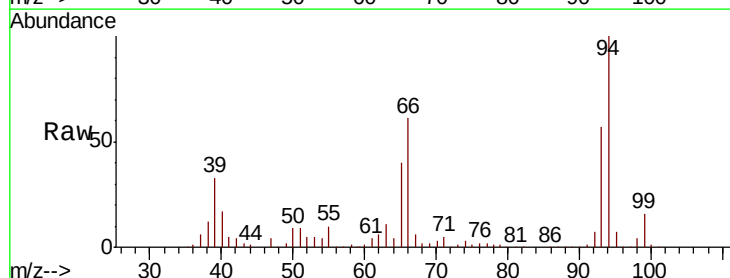
Tgt Ion: 93 Resp: 745006

Ion Ratio Lower Upper

93 100

66 106.4 33.2 49.8#

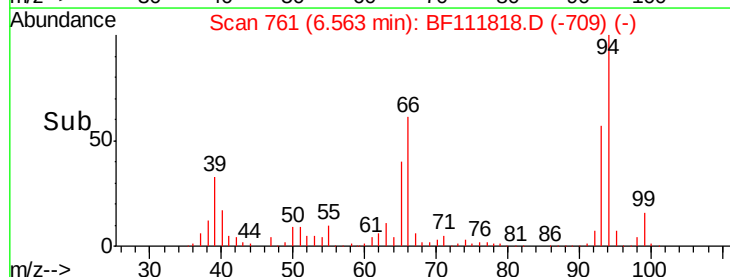
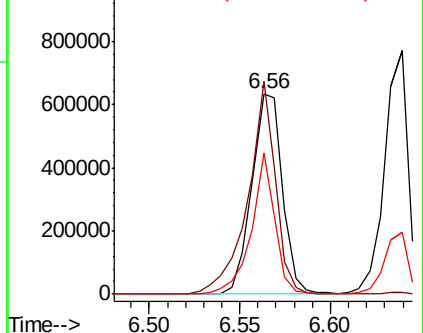
65 70.7 17.0 25.4#

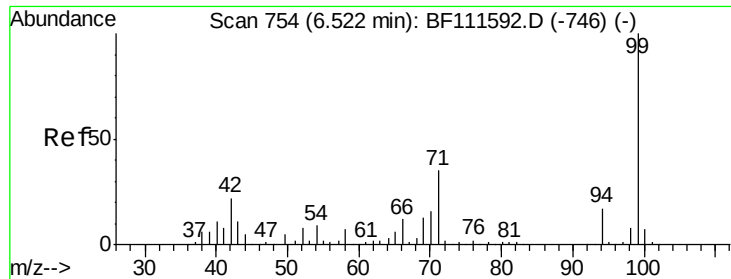


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.943 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

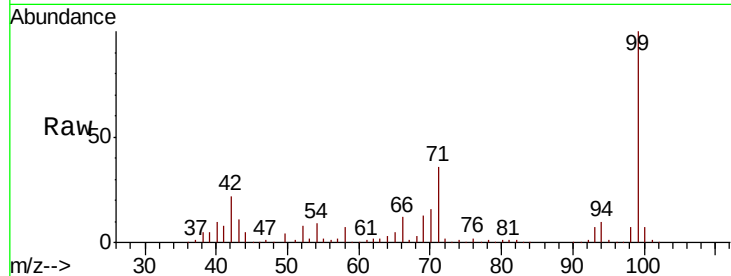
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2350991

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	35.7	26.1	39.1

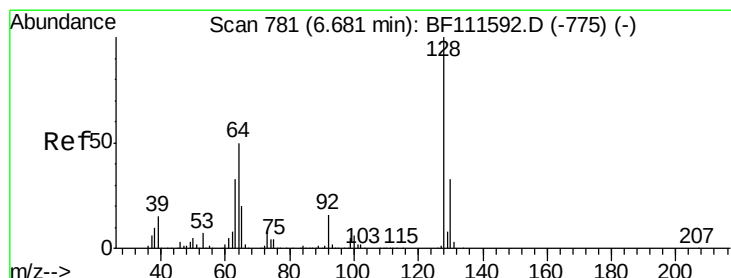
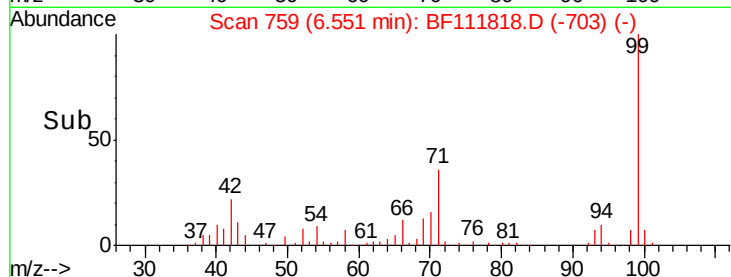
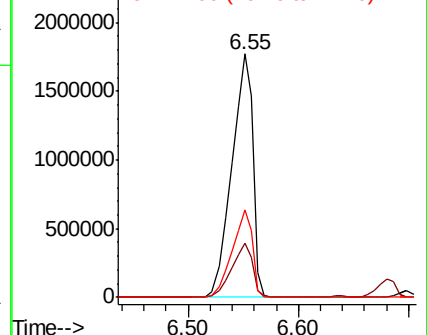


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.259 ng

RT: 6.70 min Scan# 784

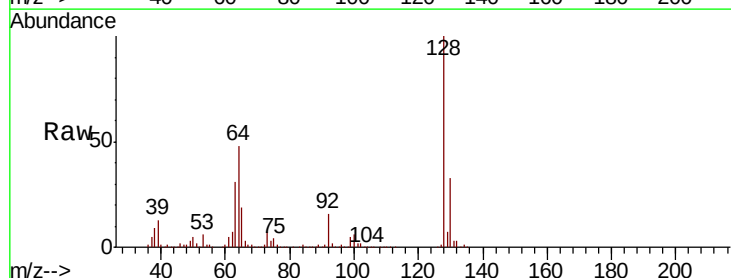
Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:128 Resp: 715852

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	48.2	30.0	70.0

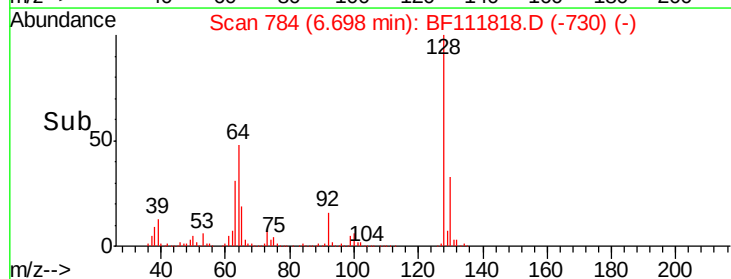
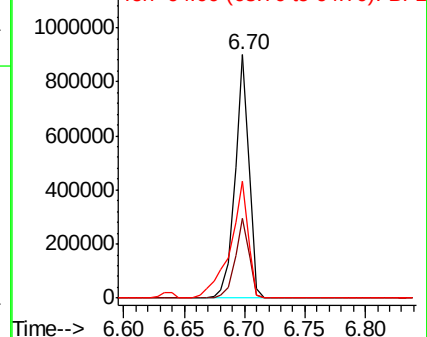


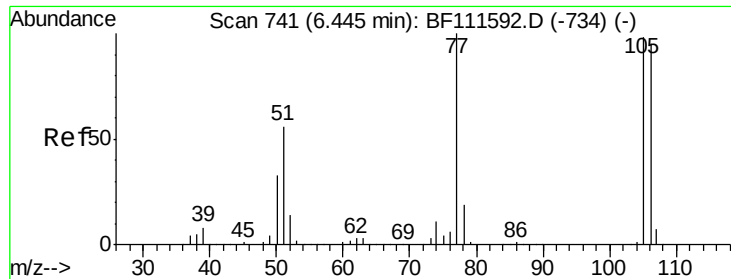
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.822 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

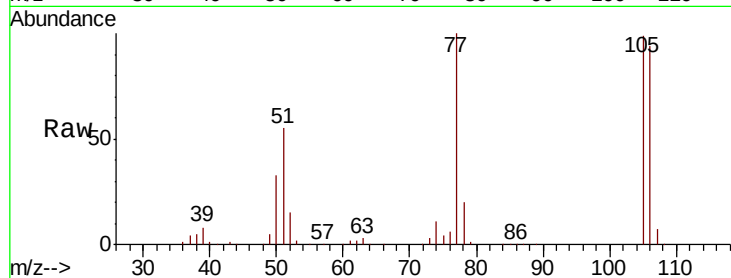
Tot Ion: 77 Resp: 189485

Ion Ratio Lower Upper

77 100

105 99.1 81.4 121.4

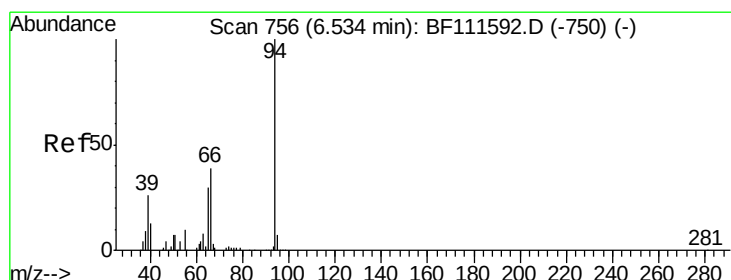
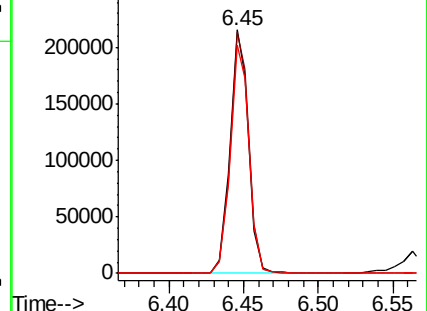
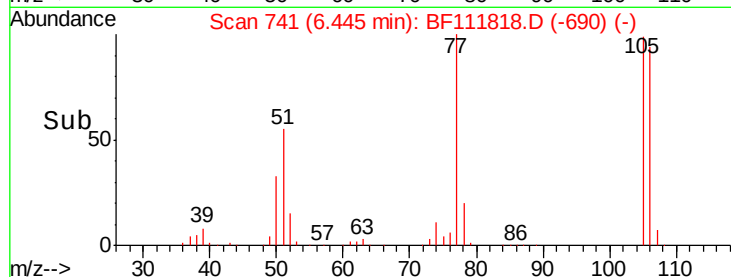
106 93.9 77.9 117.9



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: 37.773 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

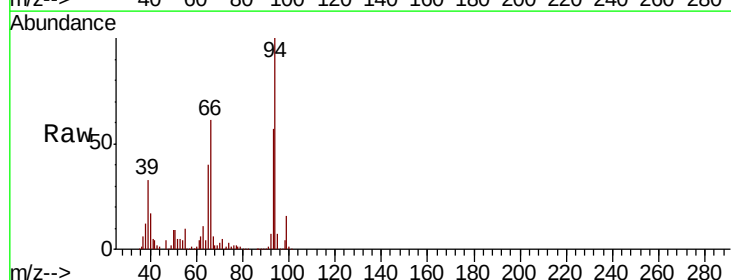
Tgt Ion: 94 Resp: 849542

Ion Ratio Lower Upper

94 100

65 40.3 11.7 51.7

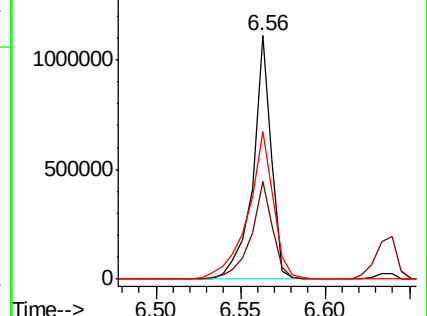
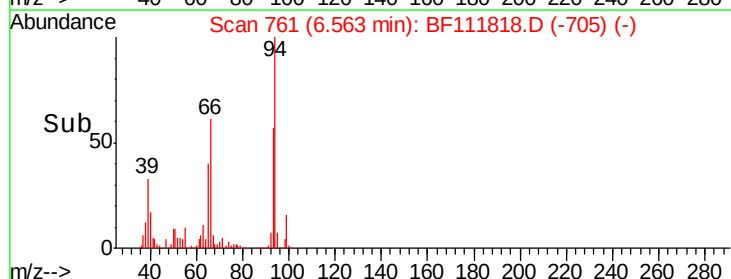
66 60.8 21.0 61.0

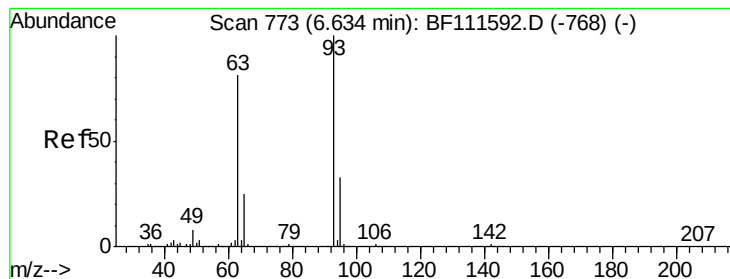


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.489 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampled :

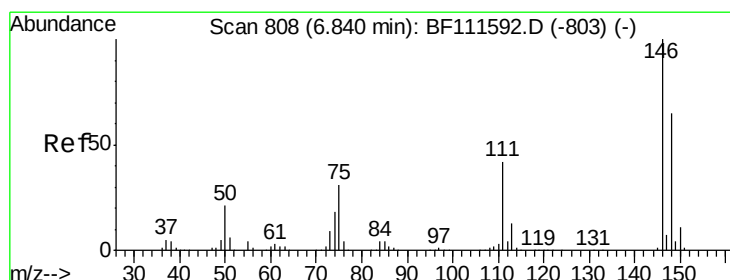
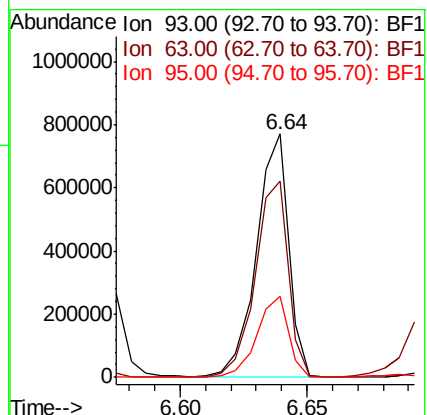
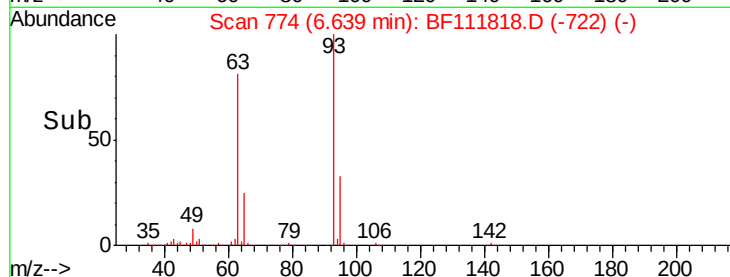
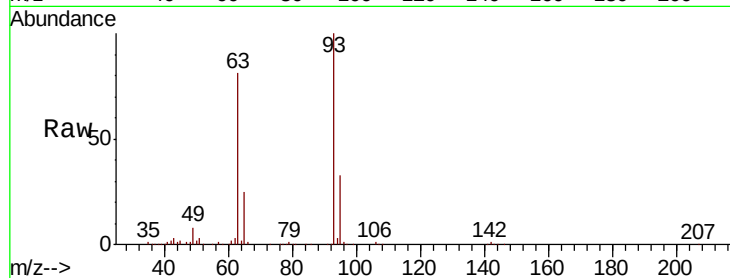
Tot Ion: 93 Resp: 682384

Ion Ratio Lower Upper

93 100

63 80.5 60.0 100.0

95 33.3 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.835 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

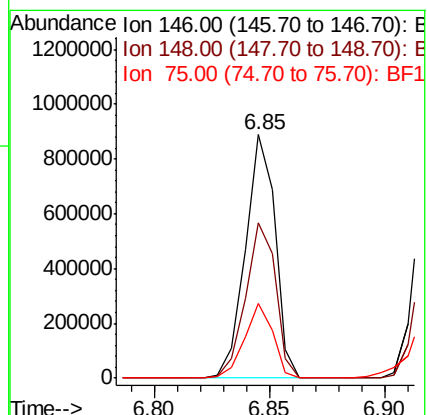
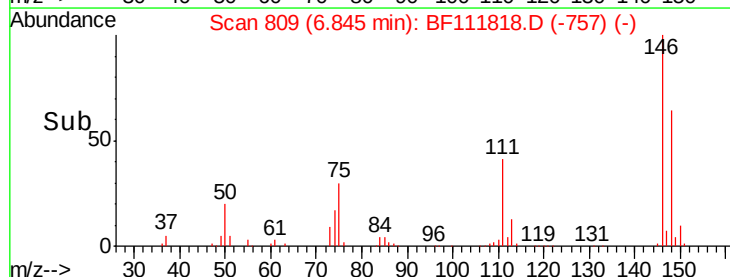
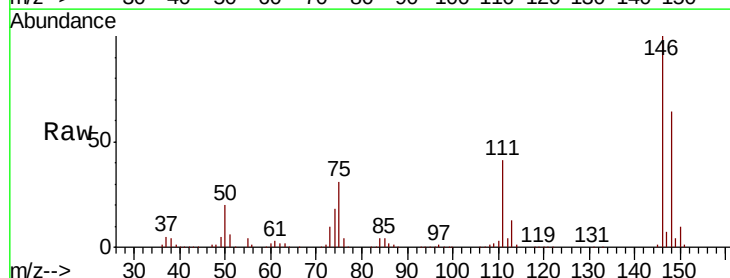
Tgt Ion: 146 Resp: 800981

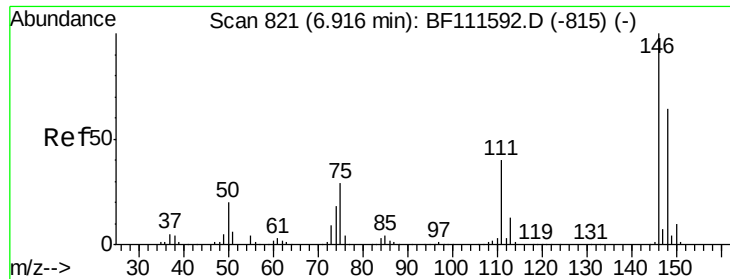
Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

75 30.6 23.9 35.9

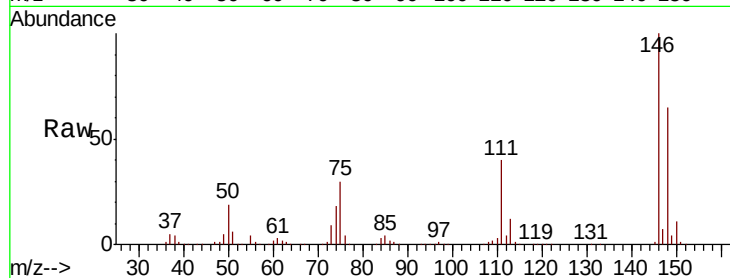




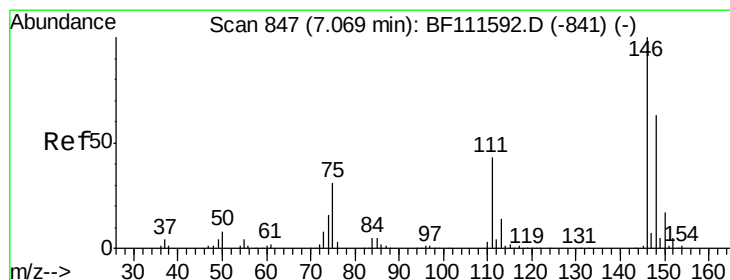
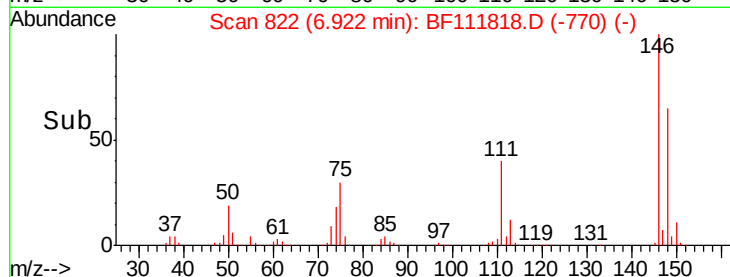
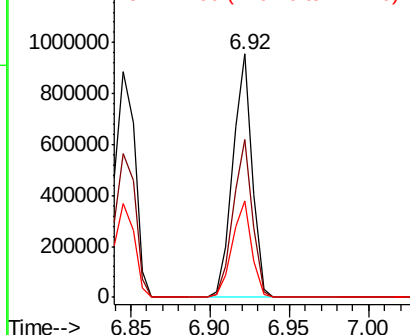
#13
 1,4-Dichlorobenzene
 Concen: 39.644 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 808422
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.8 79.2
 111 39.8 33.4 50.0

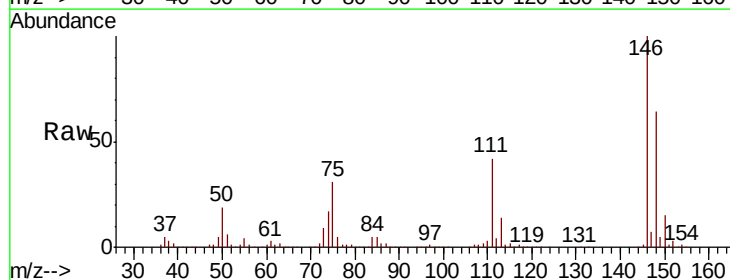


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

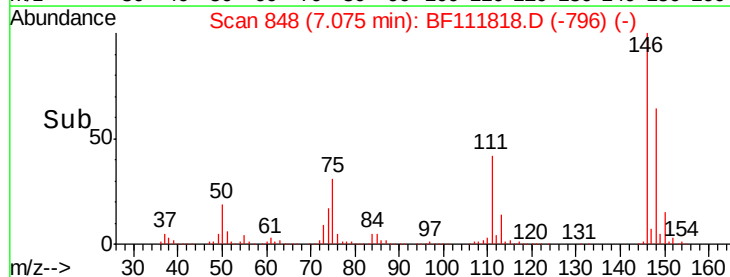
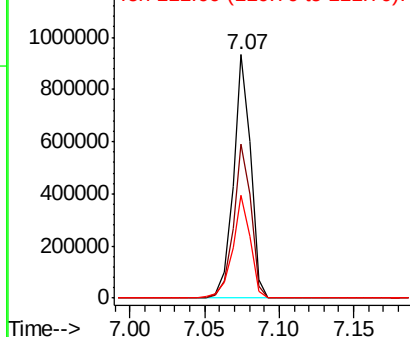


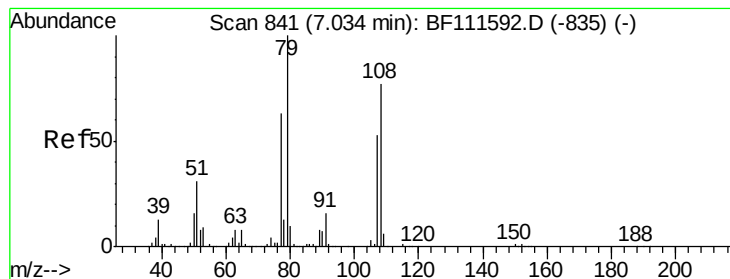
#14
 1,2-Dichlorobenzene
 Concen: 39.981 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:146 Resp: 760654
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.9 77.9
 111 42.2 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: 40.318 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

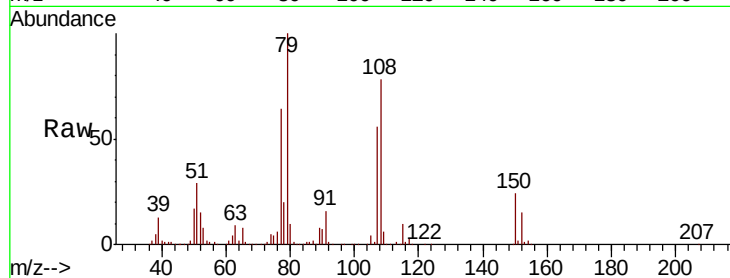
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 638267

Ion	Ratio	Lower	Upper
79	100		
108	77.7	69.4	104.2
77	63.7	49.7	74.5

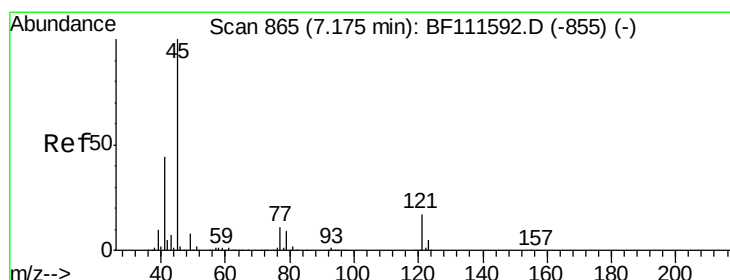
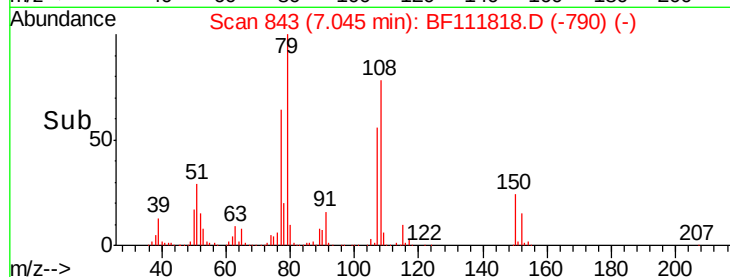
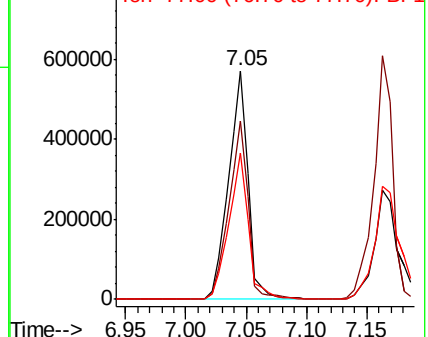


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.156 ng

RT: 7.17 min Scan# 865

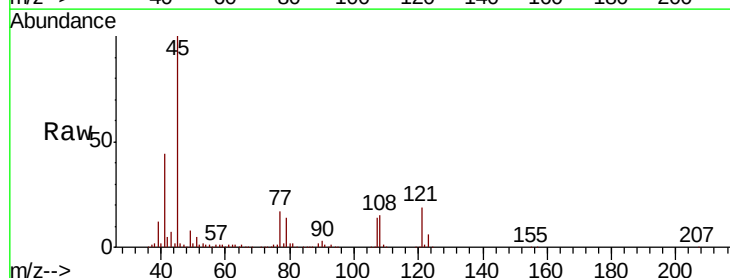
Delta R.T. -0.00 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion: 45 Resp: 1153328

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	31.5
79	14.0	0.0	28.9

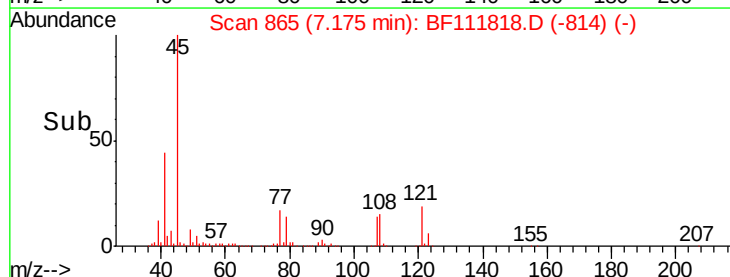
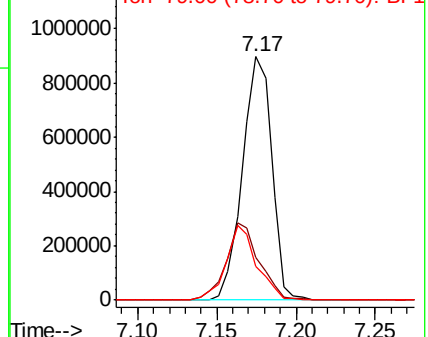


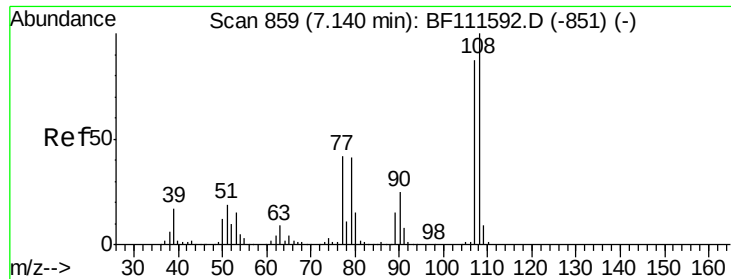
Abundance

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

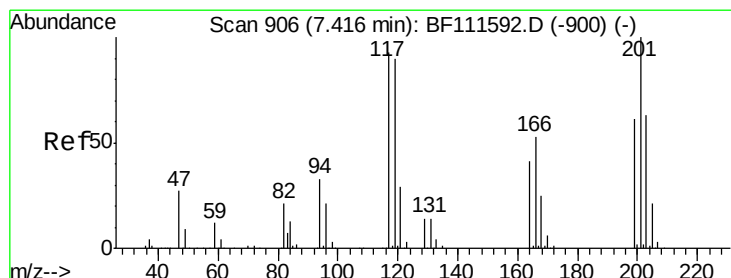
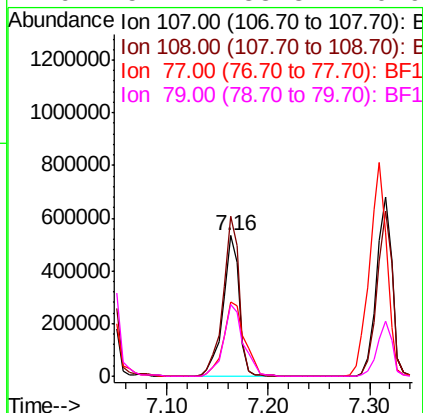
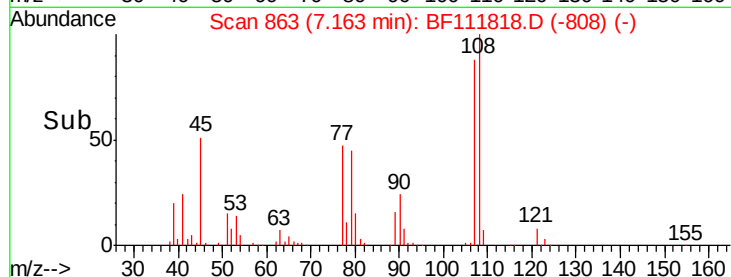
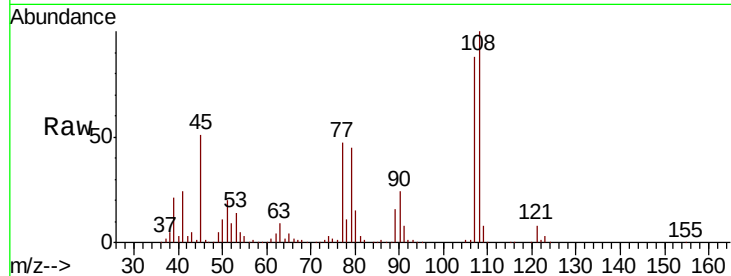




#17
2-Methylphenol
Concen: 42.112 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

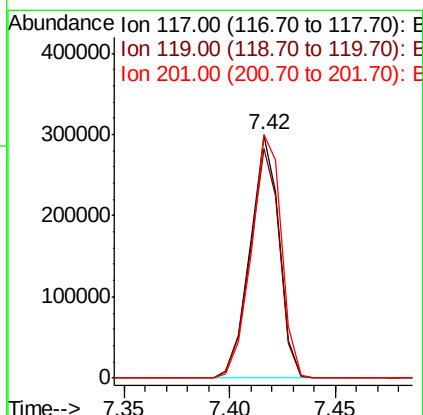
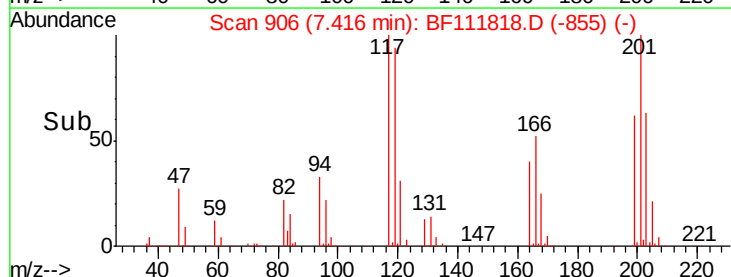
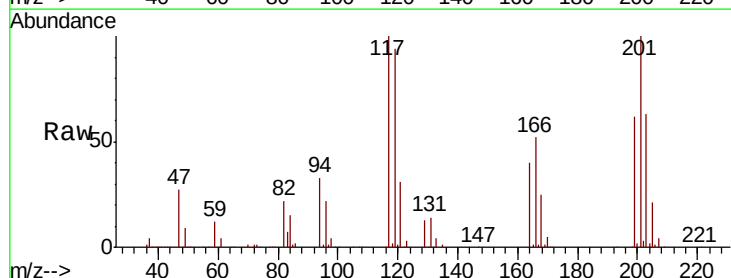
Instrument :
BNA_F
ClientSampleId :

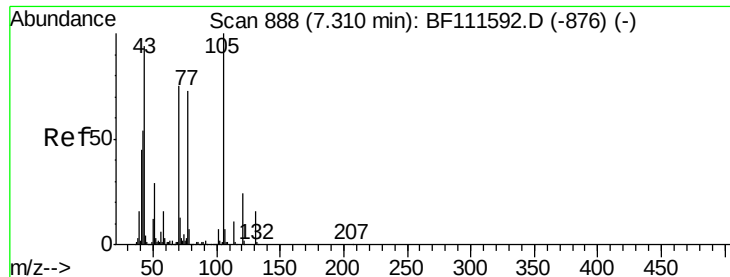
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	53.3	33.5	50.3
79	51.2	33.3	49.9



#18
Hexachloroethane
Concen: 41.479 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.4	113.0
201	100.4	62.4	93.6

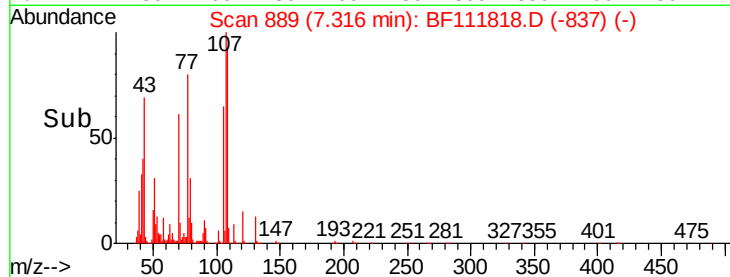
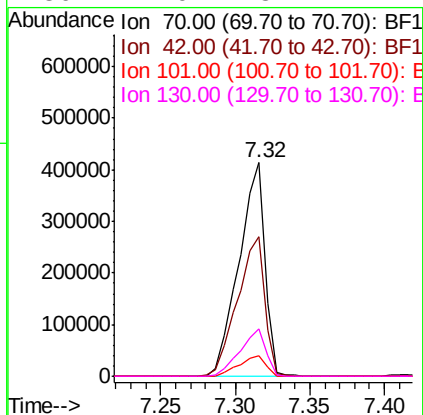
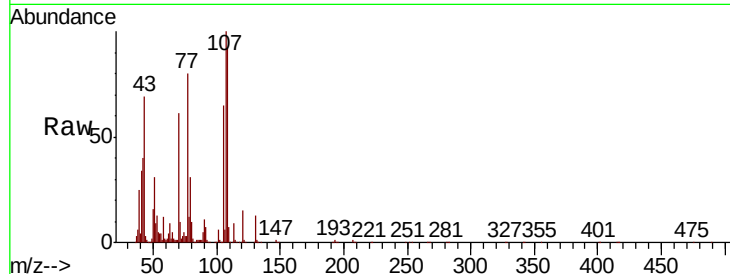




#19
n-Nitroso-di-n-propylamine
Concen: 37.875 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

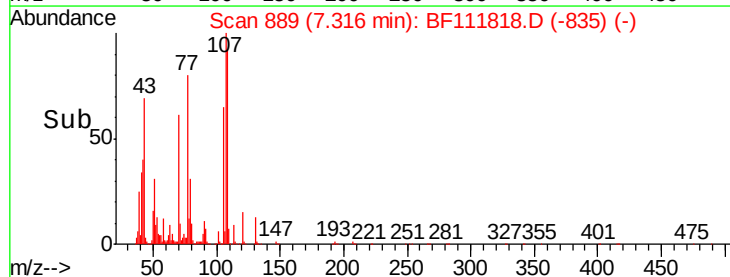
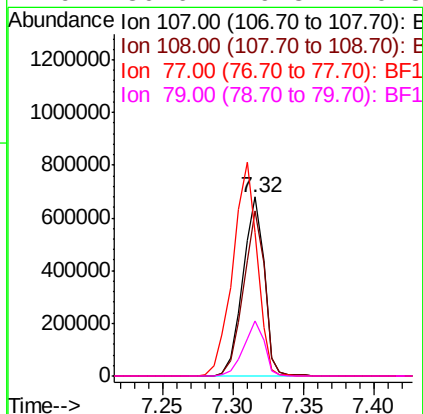
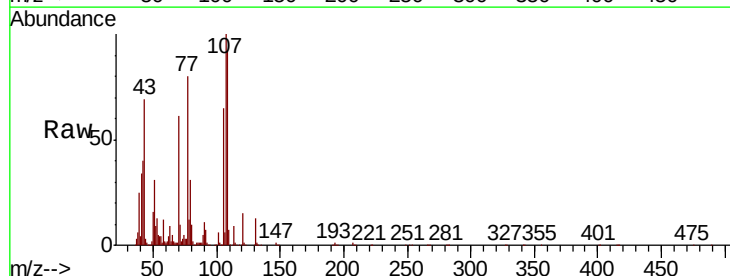
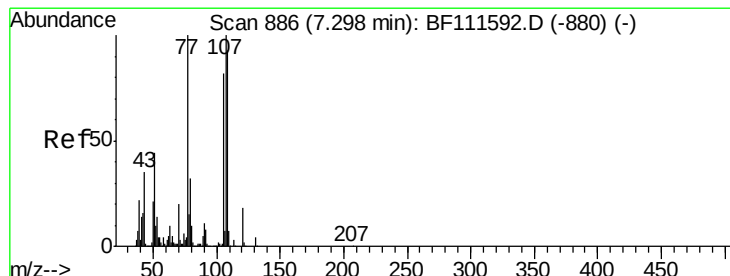
Instrument :
BNA_F
ClientSampleId :

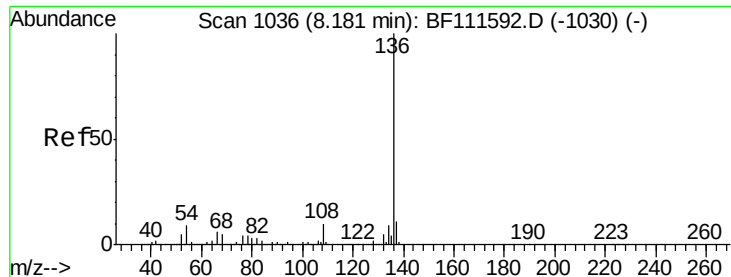
Tot Ion: 70 Resp: 501385
Ion Ratio Lower Upper
70 100
42 65.3 53.2 79.8
101 9.6 8.2 12.4
130 22.0 18.1 27.1



#20
3+4-Methylphenols
Concen: 41.013 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:107 Resp: 719969
Ion Ratio Lower Upper
107 100
108 92.4 72.1 112.1
77 79.9 94.1 134.1#
79 30.6 9.8 49.8

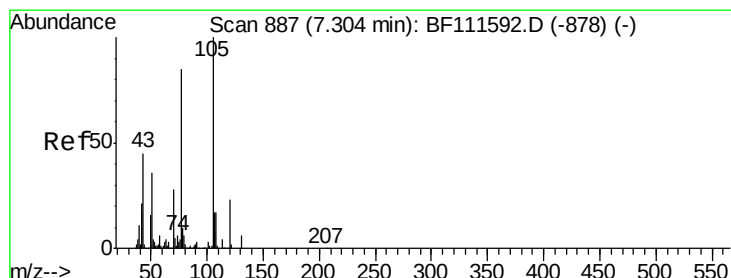
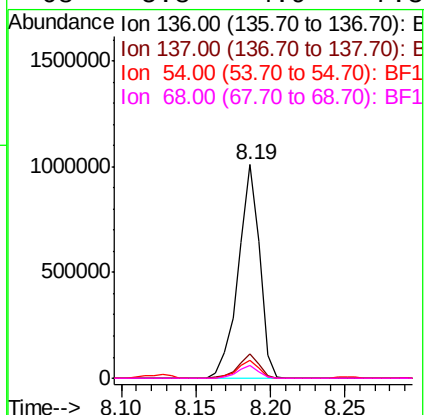
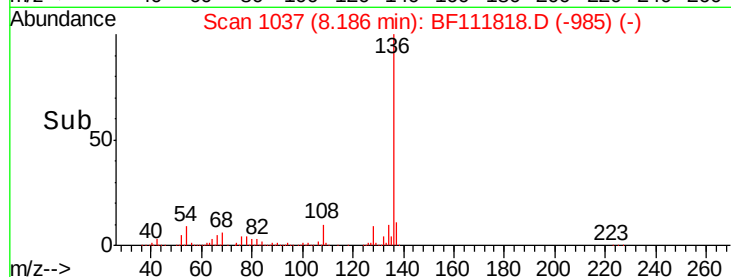
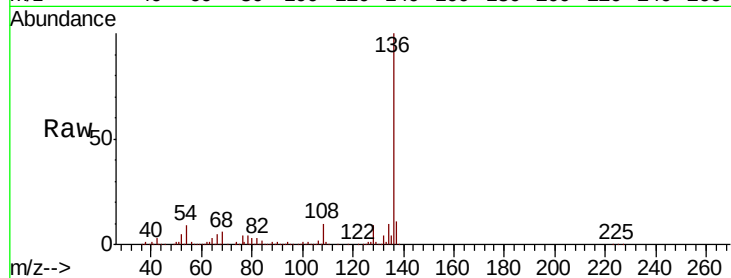




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

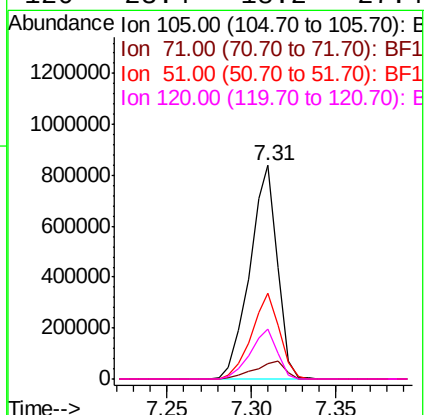
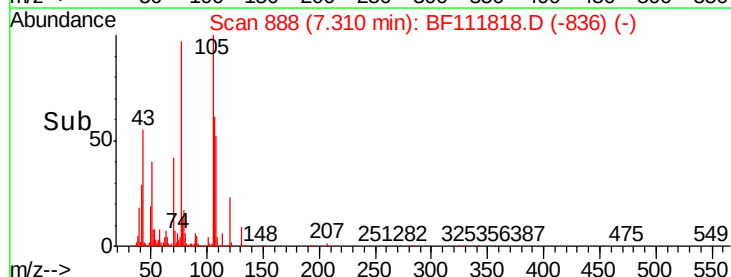
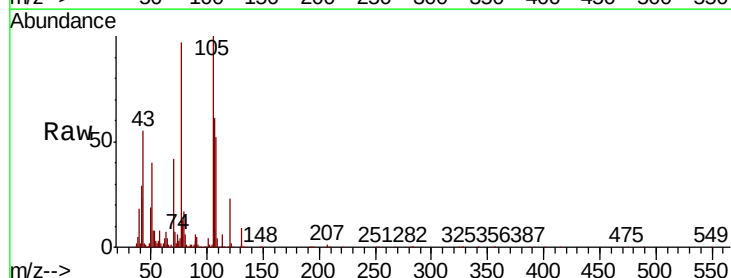
Instrument :
BNA_F
ClientSampleId :

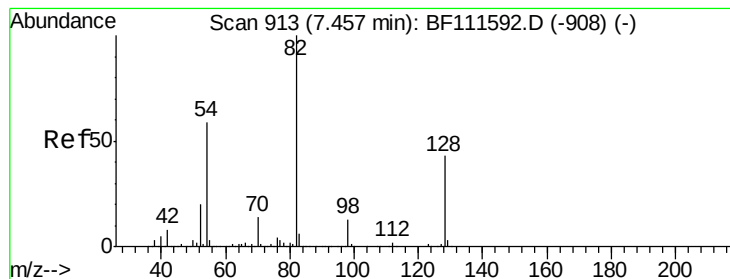
Tot Ion:136	Resp: 1005660
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 8.5	7.7 11.5
68 5.8	4.9 7.3



#22
Acetophenone
Concen: 37.392 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt	Ion:105	Resp:	952644
Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.1	4.7#
51	39.9	36.6	54.8
120	23.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 74.652 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampled :

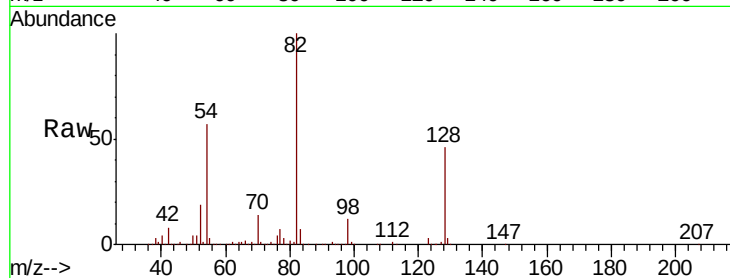
Tot Ion: 82 Resp: 1289776

Ion Ratio Lower Upper

82 100

128 45.7 37.4 56.2

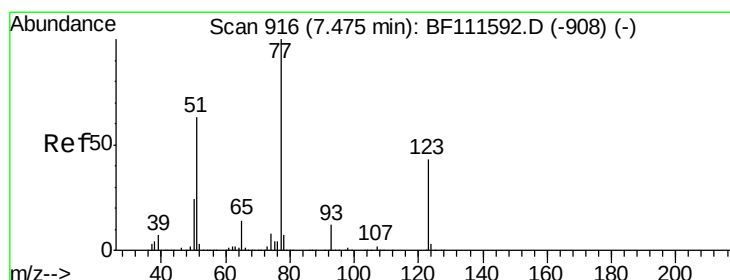
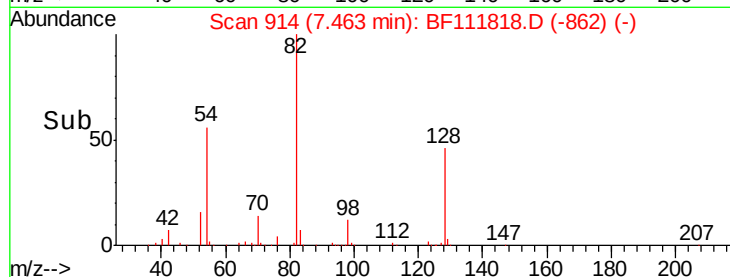
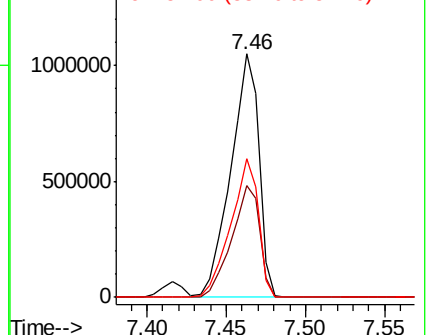
54 57.1 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.579 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

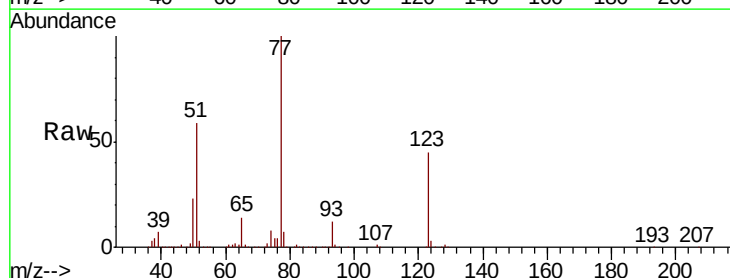
Tgt Ion: 77 Resp: 771023

Ion Ratio Lower Upper

77 100

123 44.6 37.2 55.8

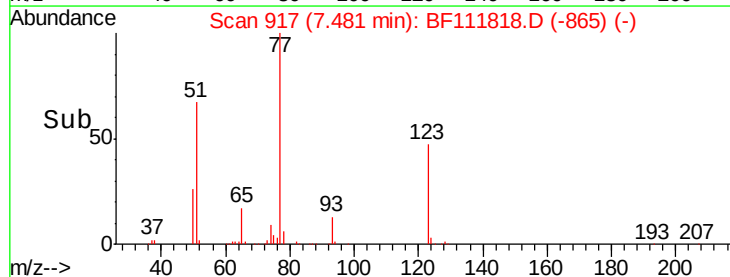
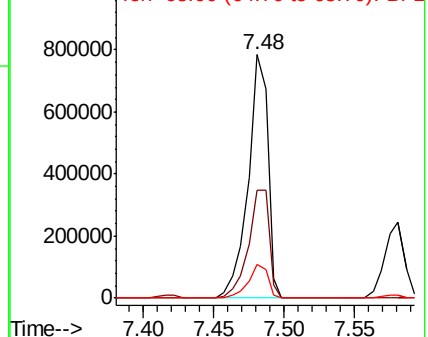
65 14.0 11.5 17.3

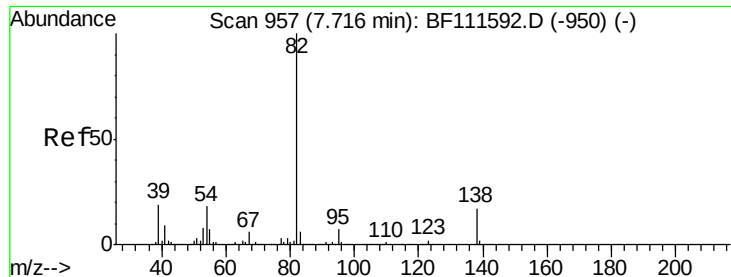


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.714 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

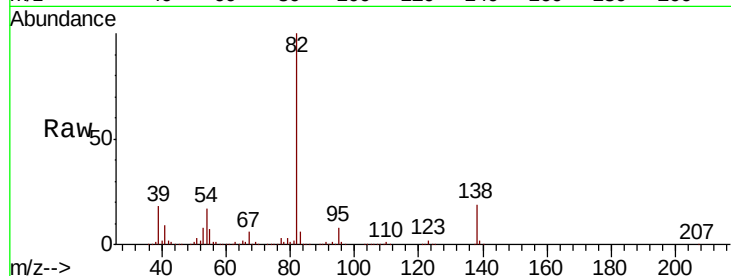
Tot Ion: 82 Resp: 1371465

Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

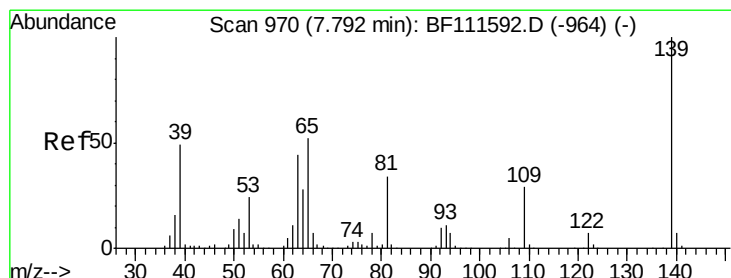
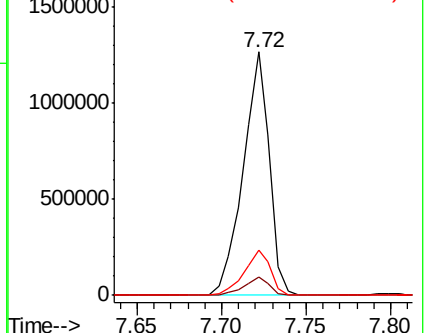
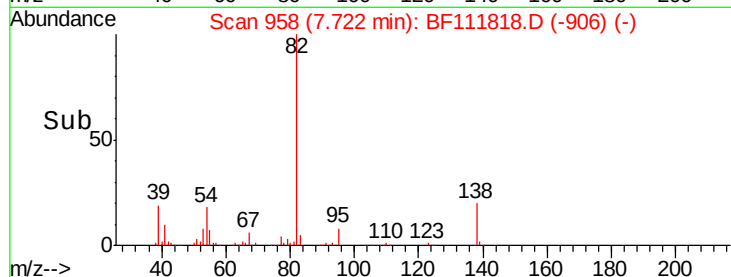
138 18.6 15.1 22.7



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: 52.426 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

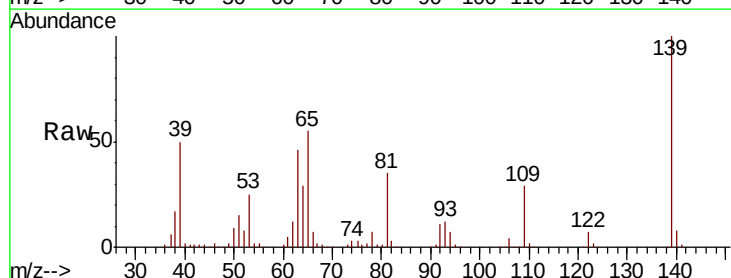
Tgt Ion: 139 Resp: 385015

Ion Ratio Lower Upper

139 100

109 28.7 20.2 30.4

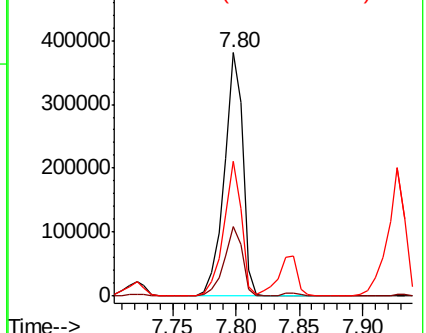
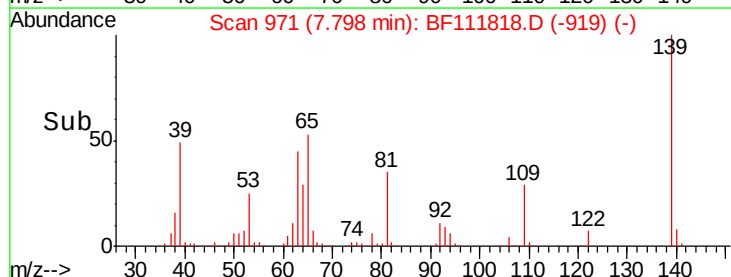
65 55.2 40.7 61.1

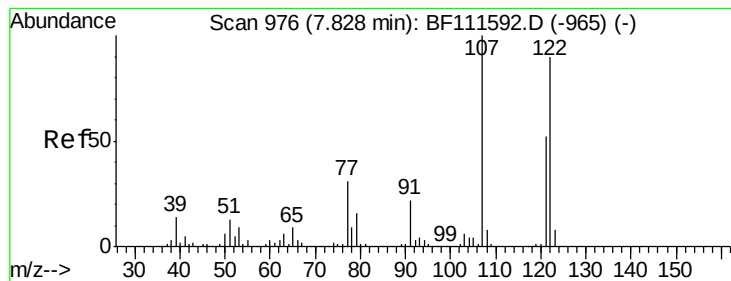


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.078 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampled :

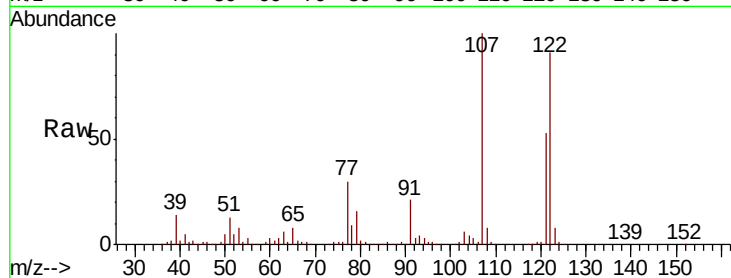
Tot Ion:122 Resp: 652598

Ion Ratio Lower Upper

122 100

107 109.7 85.5 128.3

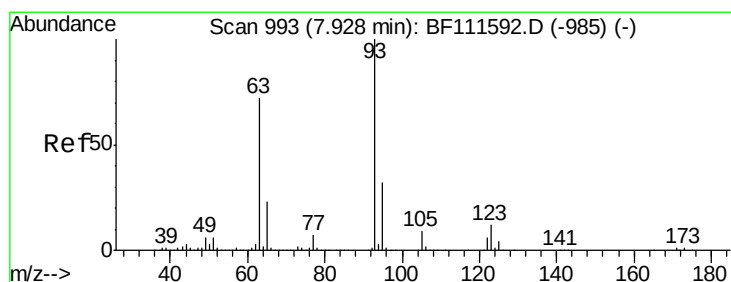
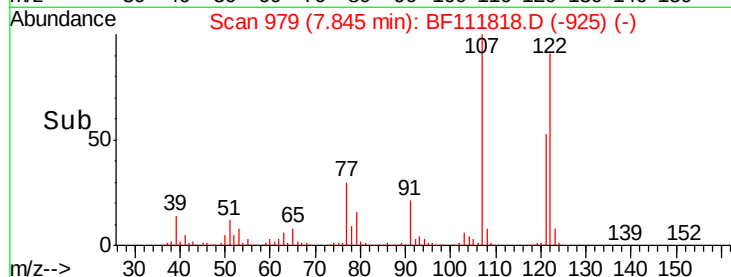
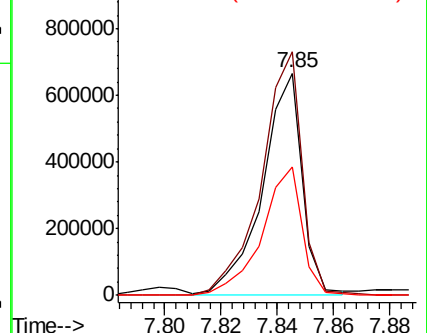
121 57.9 46.6 70.0



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: 42.914 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

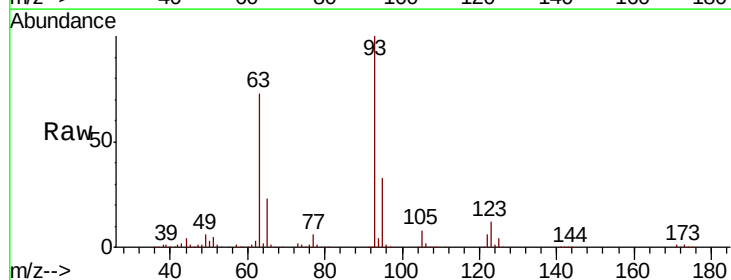
Tgt Ion: 93 Resp: 875887

Ion Ratio Lower Upper

93 100

95 32.9 27.1 40.7

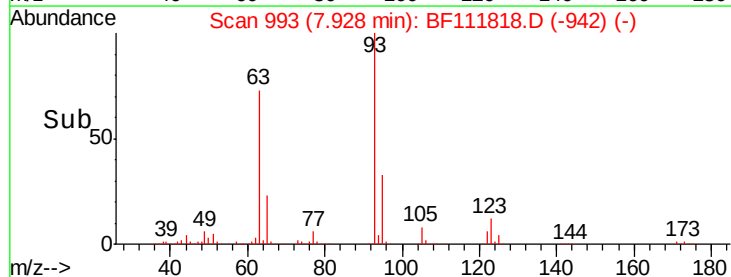
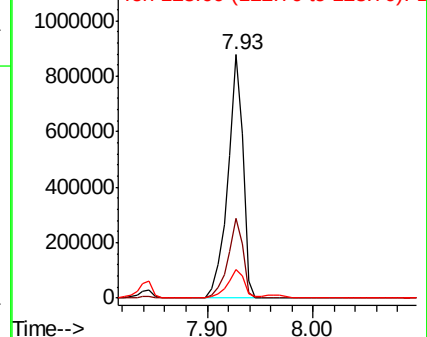
123 11.9 9.9 14.9

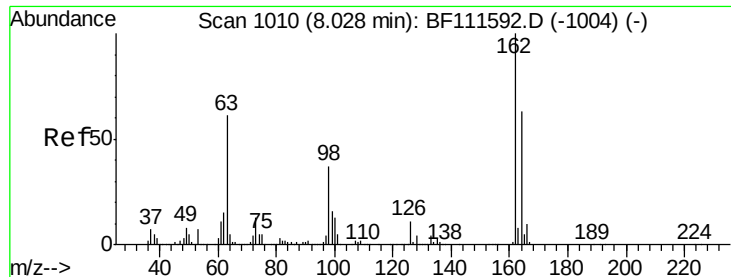


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

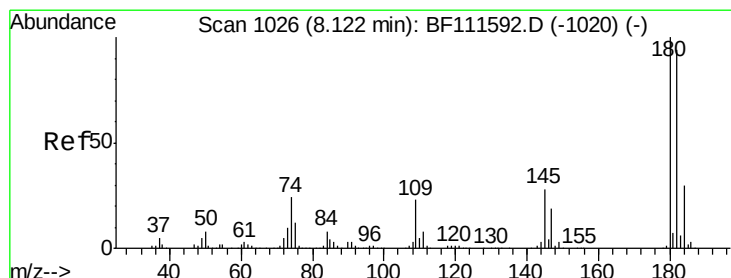
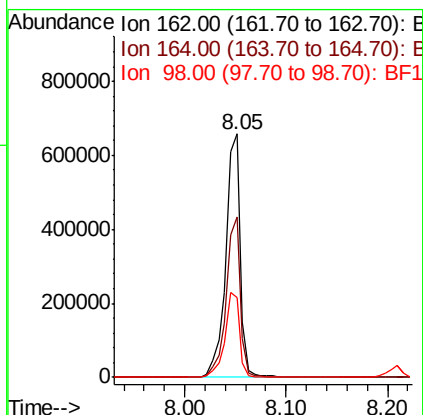
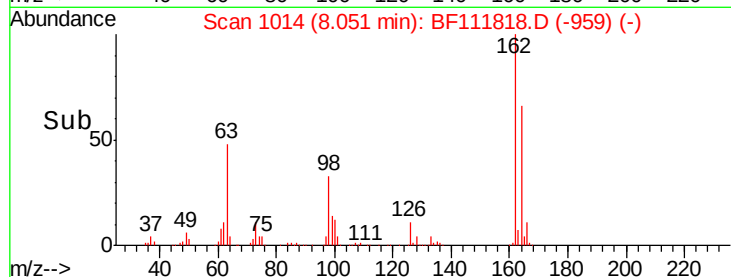
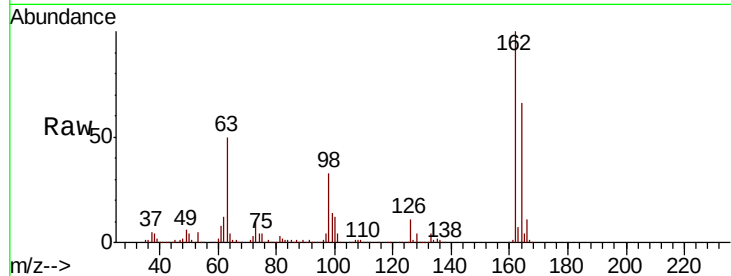




#29
 2,4-Dichlorophenol
 Concen: 41.960 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

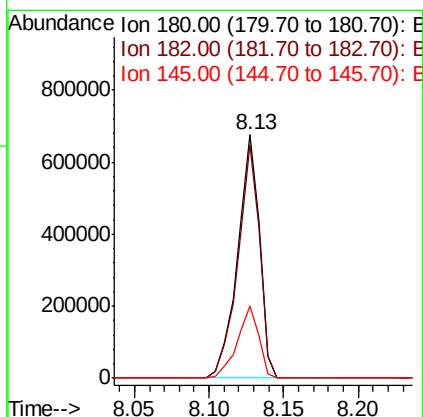
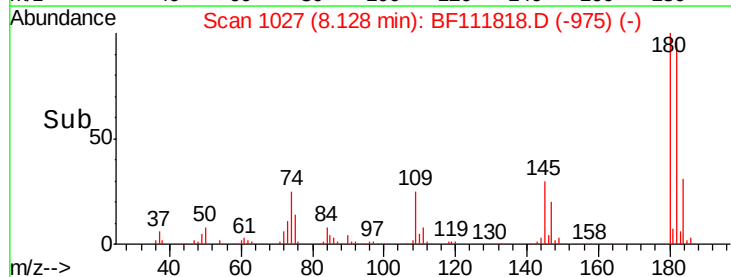
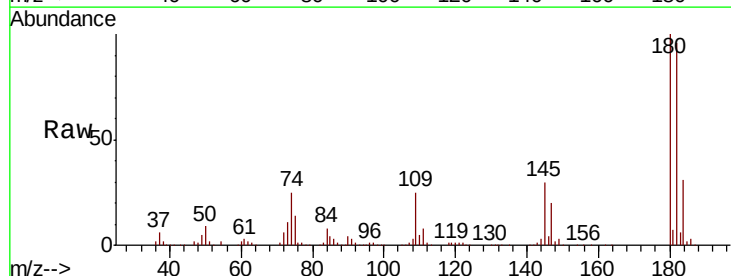
Instrument :
 BNA_F
 ClientSampleId :

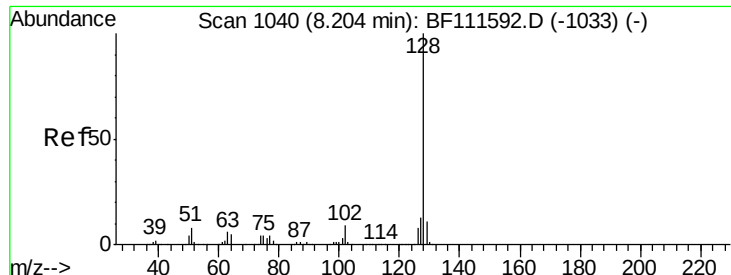
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.4	84.4
98	32.5	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.858 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.6	113.4
145	29.6	26.7	40.1

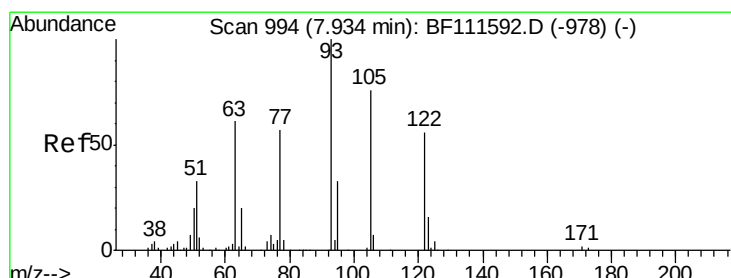
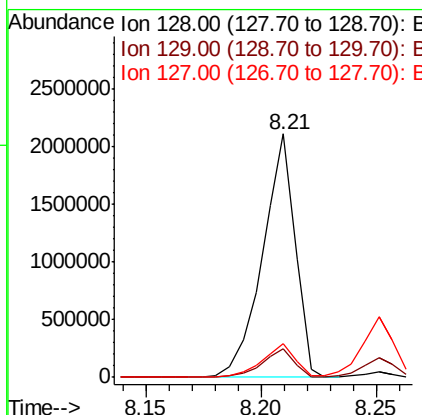
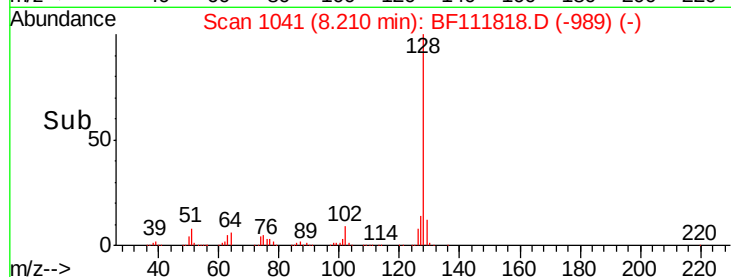
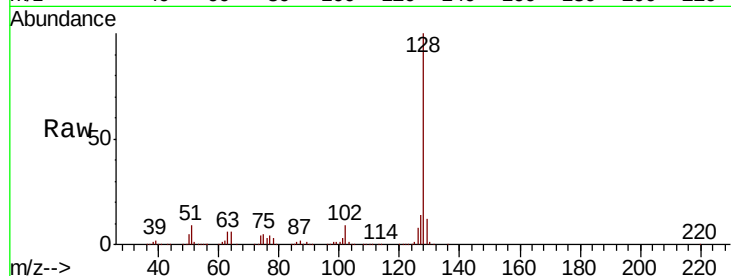




#31
Naphthalene
Concen: 42.876 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

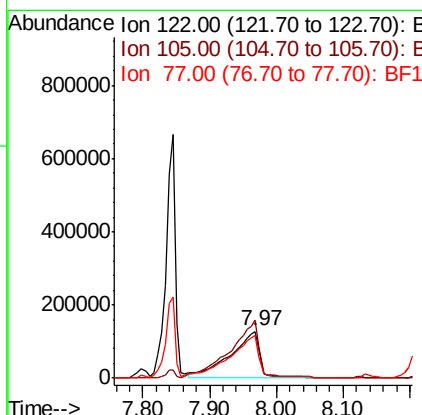
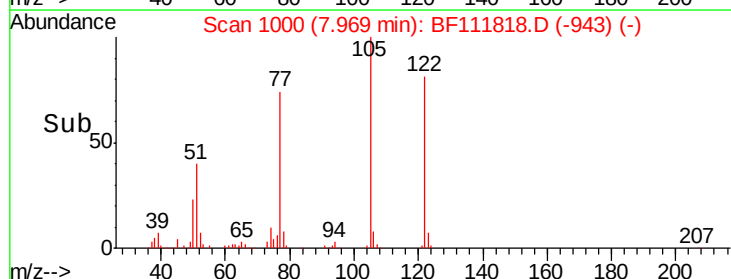
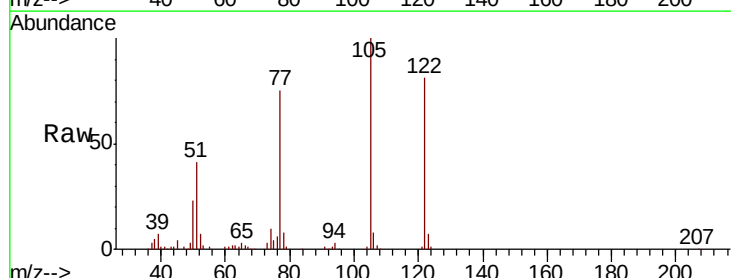
Instrument :
BNA_F
ClientSampleId :

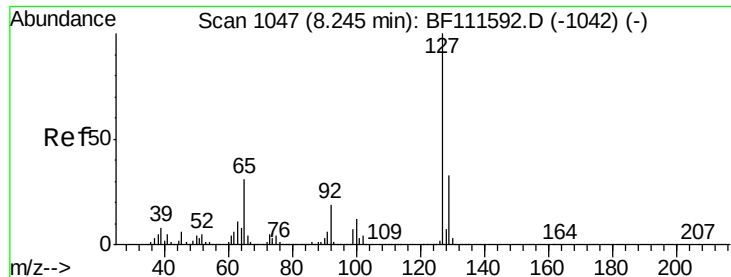
Tot Ion:128 Resp: 2071787
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.8
127 14.0 12.0 18.0



#32
Benzoic acid
Concen: 41.103 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:122 Resp: 393435
Ion Ratio Lower Upper
122 100
105 123.0 97.0 137.0
77 92.2 65.7 105.7

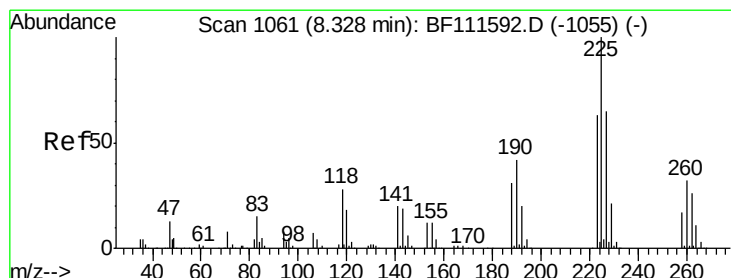
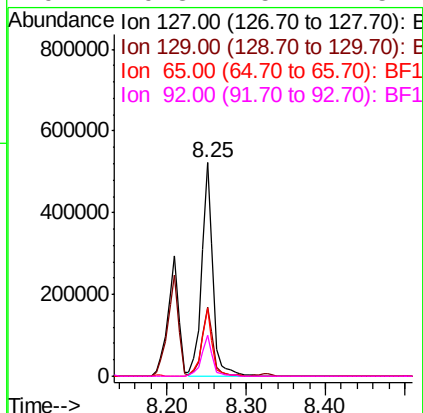
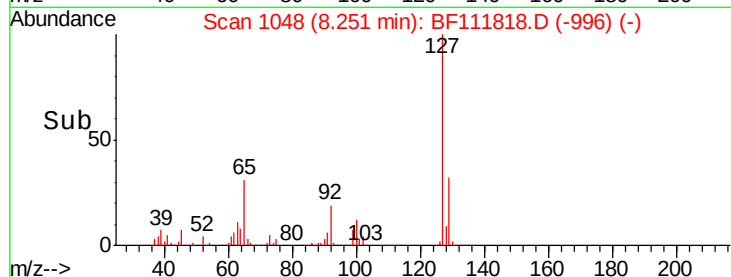
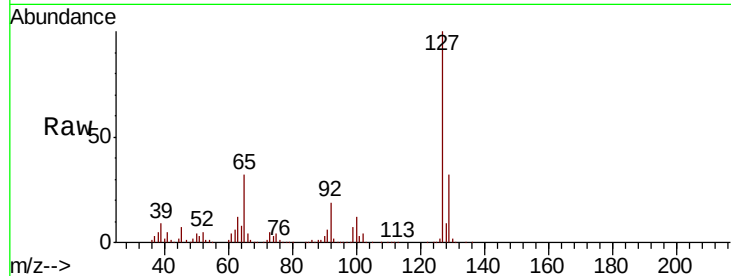




#33
4-Chloroaniline
Concen: 25.042 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

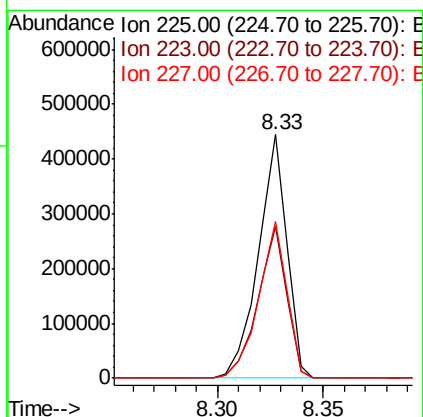
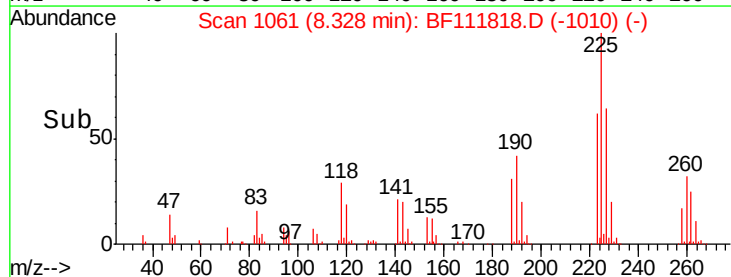
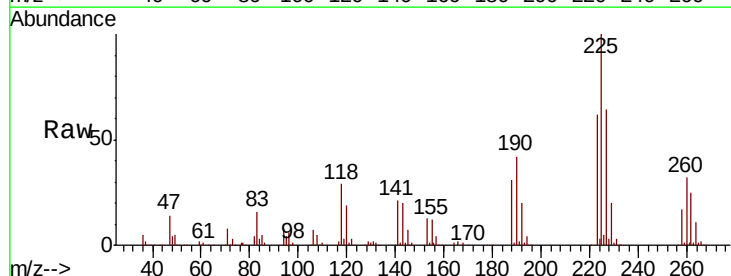
Instrument :
BNA_F
ClientSampleId :

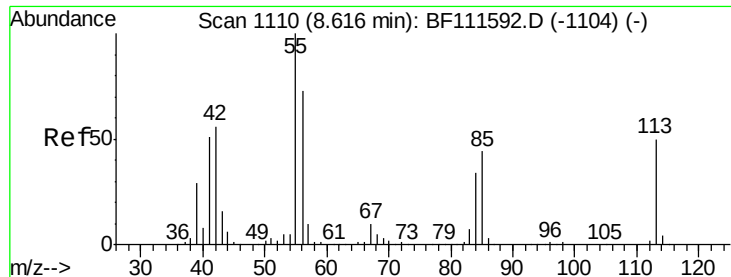
Tot Ion:	127	Resp:	523004
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	32.0	25.7	38.5
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 39.498 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:	225	Resp:	417715
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	64.2	52.6	78.8

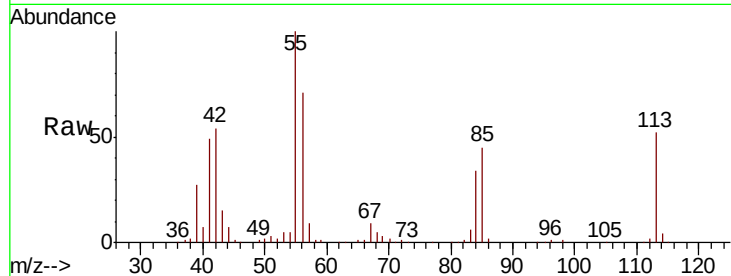




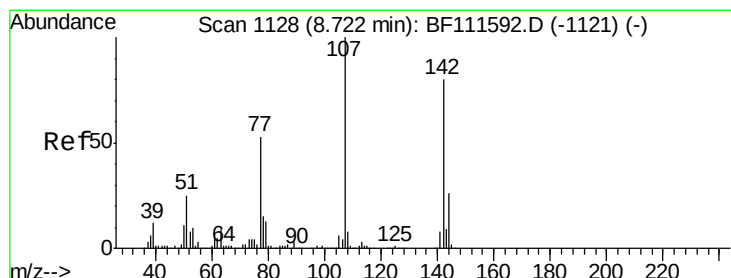
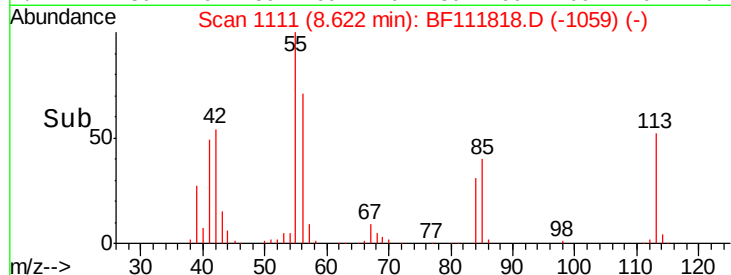
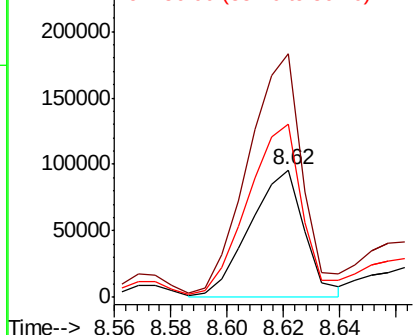
#35
Caprolactam
Concen: 24.419 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 128843
Ion Ratio Lower Upper
113 100
55 191.2 184.1 224.1
56 136.1 126.0 166.0

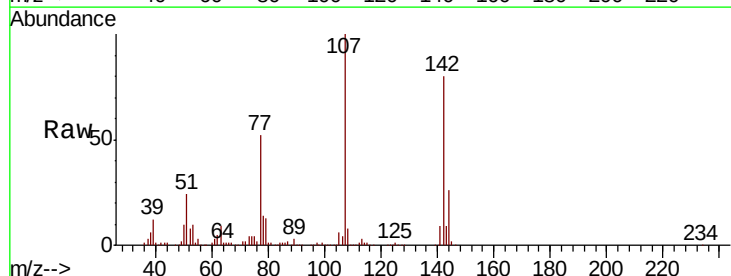


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

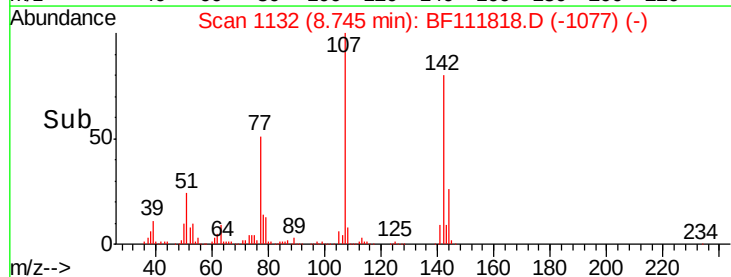
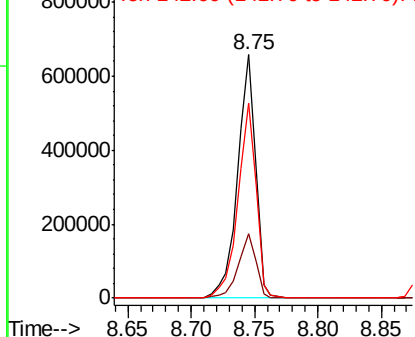


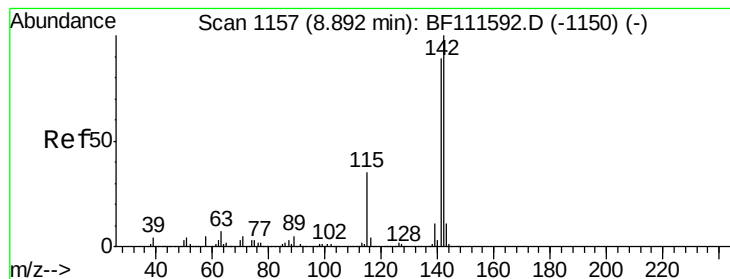
#36
4-Chloro-3-methylphenol
Concen: 41.853 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:107 Resp: 640629
Ion Ratio Lower Upper
107 100
144 26.2 19.8 29.6
142 80.3 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: 45.301 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

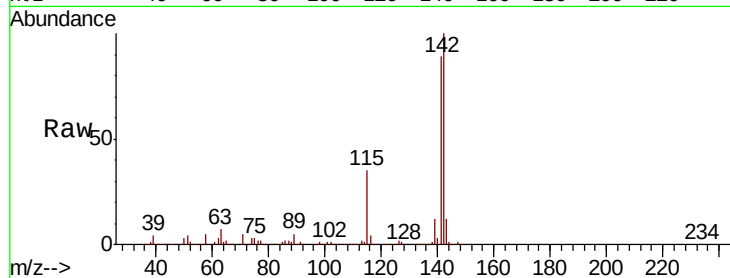
Tot Ion:142 Resp: 1424140

Ion Ratio Lower Upper

142 100

141 89.1 70.6 105.8

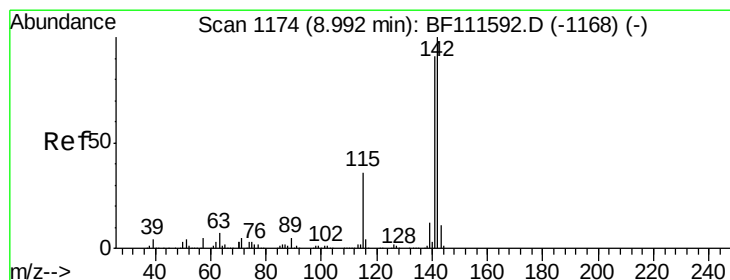
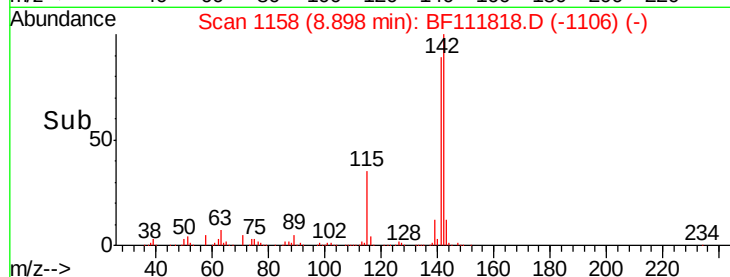
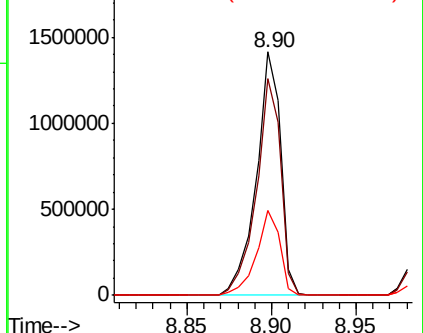
115 34.7 27.0 40.6



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: 44.540 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

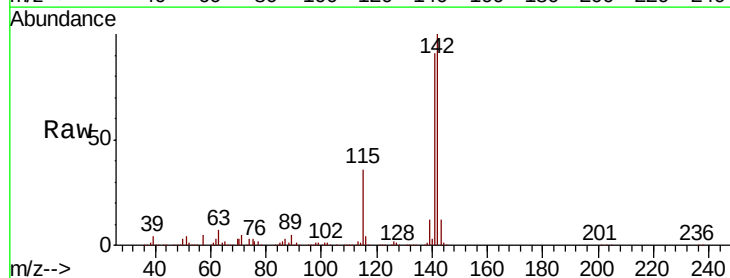
Tgt Ion:142 Resp: 1344788

Ion Ratio Lower Upper

142 100

141 90.8 74.2 111.4

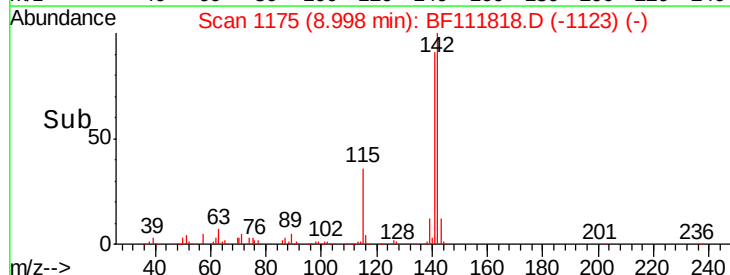
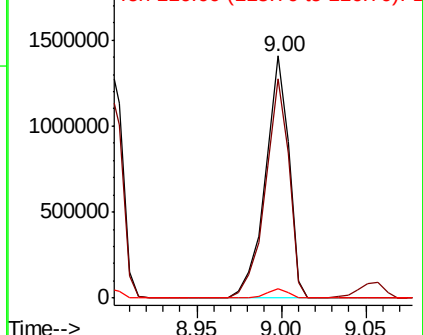
116 3.7 2.9 4.3

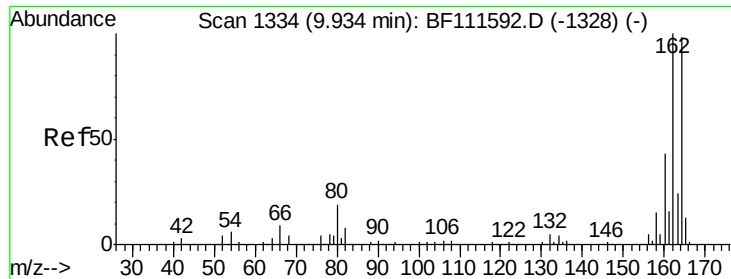


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

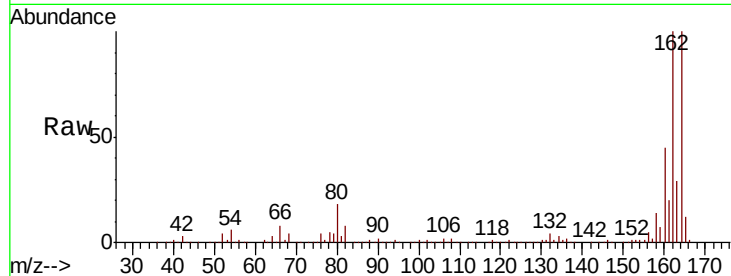




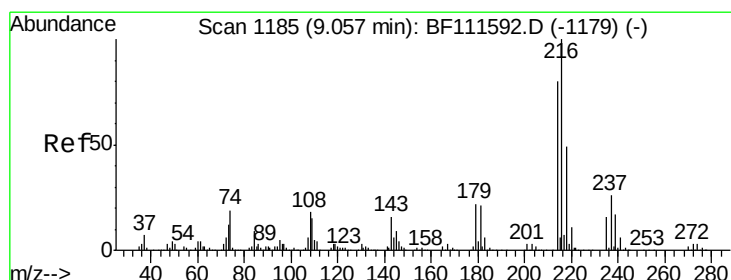
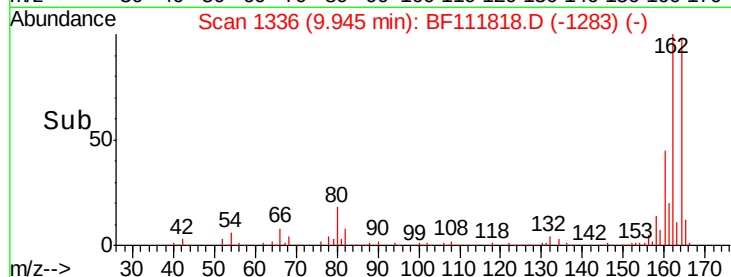
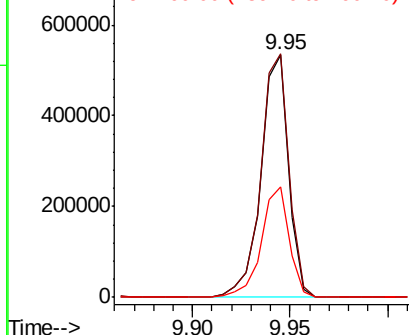
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 521682
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.4 35.7 53.5

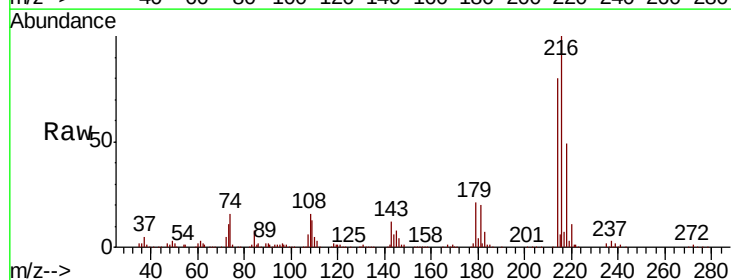


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

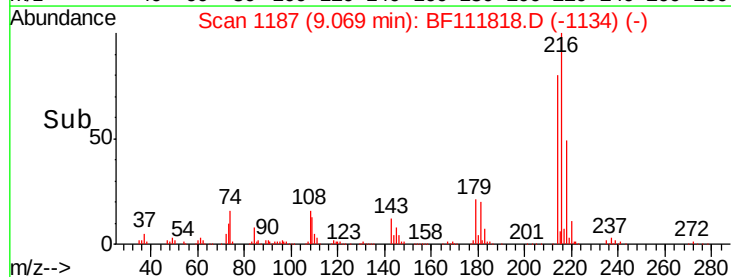
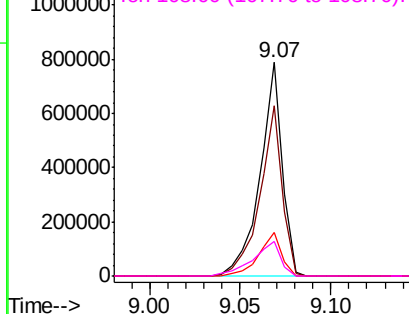


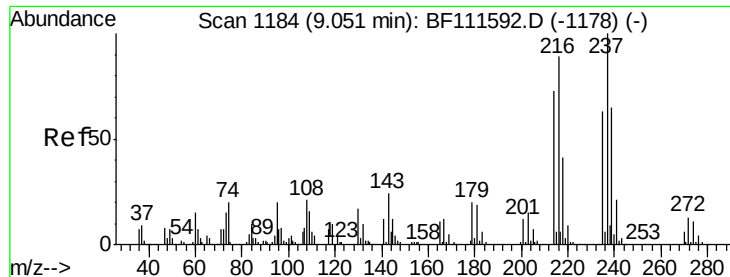
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.228 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:216 Resp: 672464
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.8
179 20.9 17.9 26.9
108 20.2 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

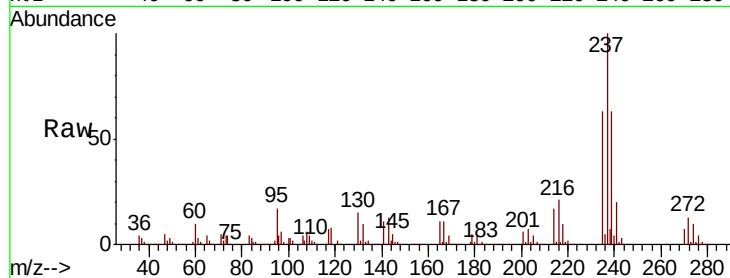




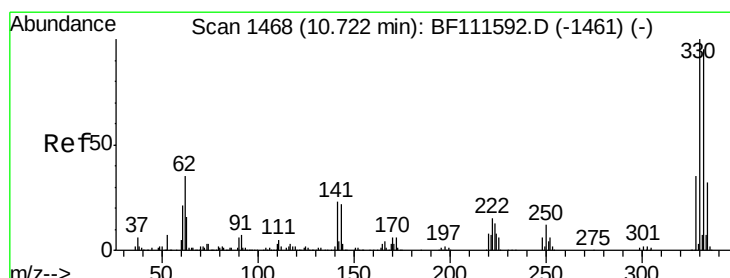
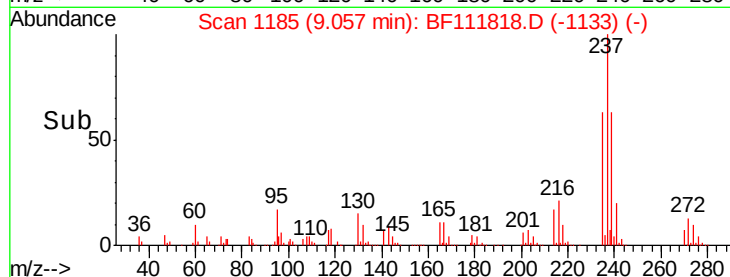
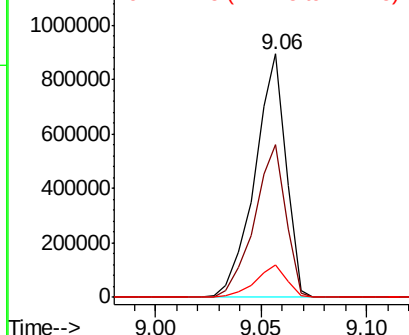
#41
Hexachlorocyclopentadiene
Concen: 110.350 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 917957
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 13.5 0.0 33.0

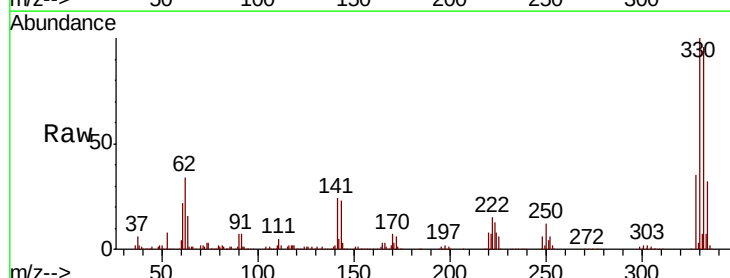


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

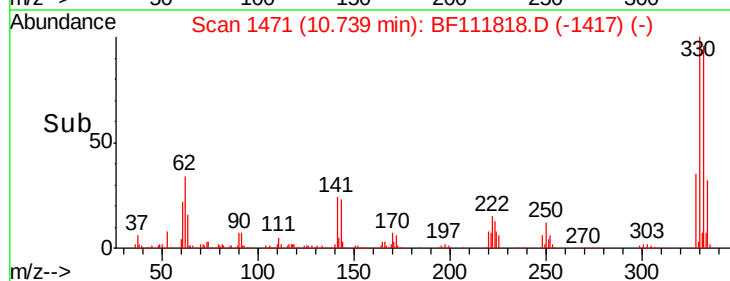
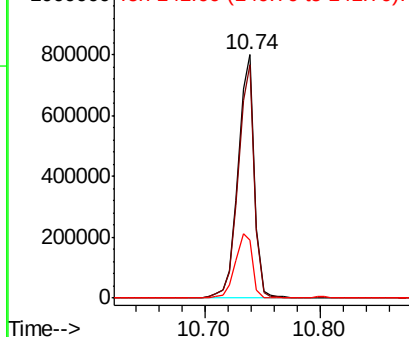


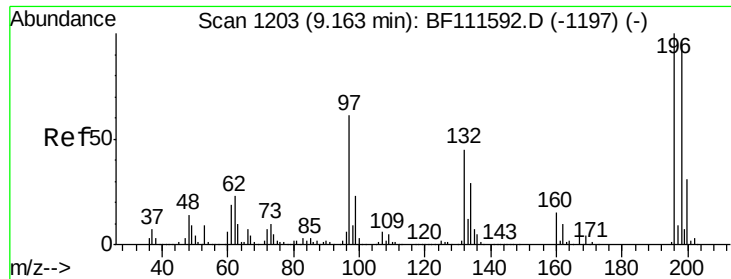
#42
2,4,6-Tribromophenol
Concen: 127.731 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:330 Resp: 787344
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 27.9 31.0 46.6#



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

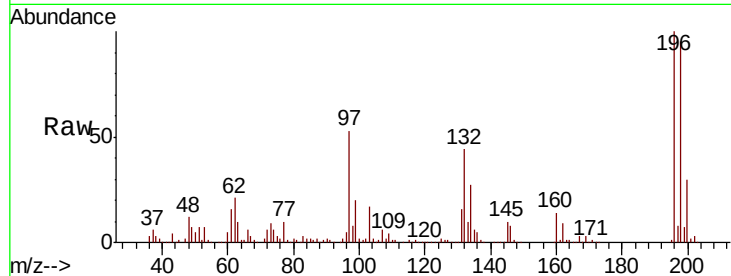




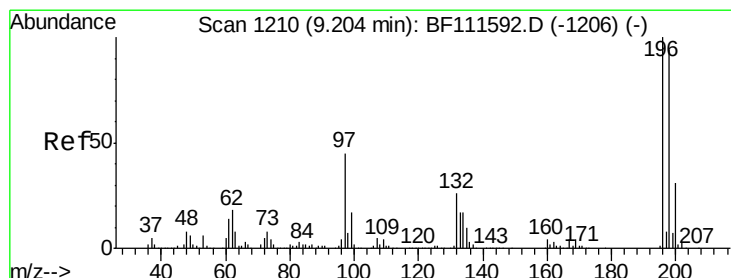
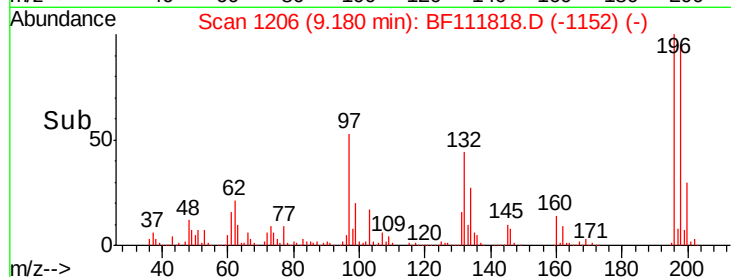
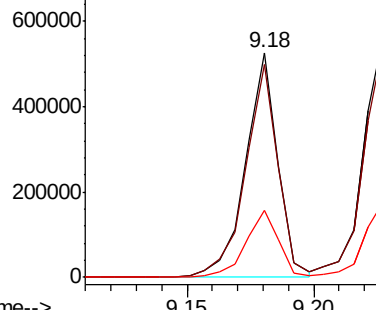
#43
 2,4,6-Trichlorophenol
 Concen: 40.976 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 468982
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 29.6 24.9 37.3



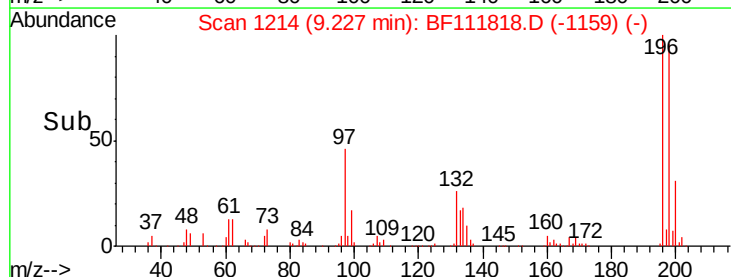
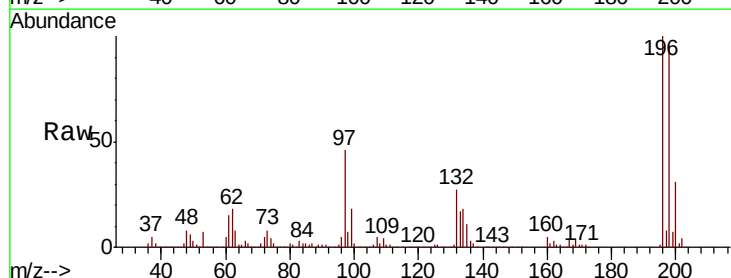
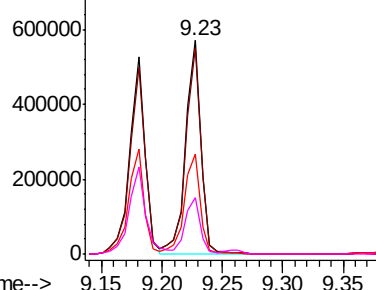
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

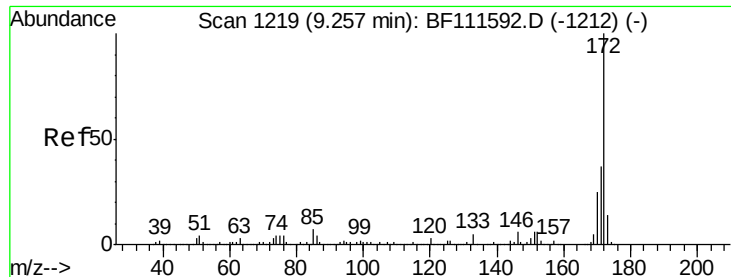


#44
 2,4,5-Trichlorophenol
 Concen: 41.760 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:196 Resp: 490329
 Ion Ratio Lower Upper
 196 100
 198 96.2 72.9 109.3
 97 46.5 45.3 67.9
 132 26.5 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

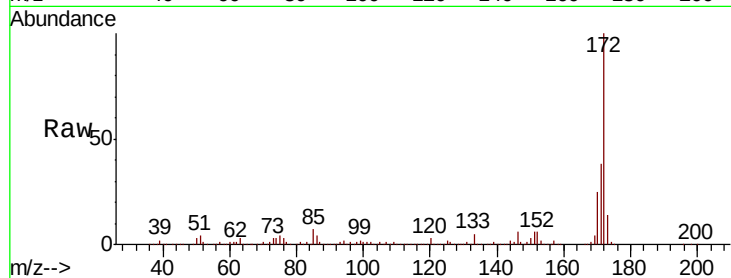




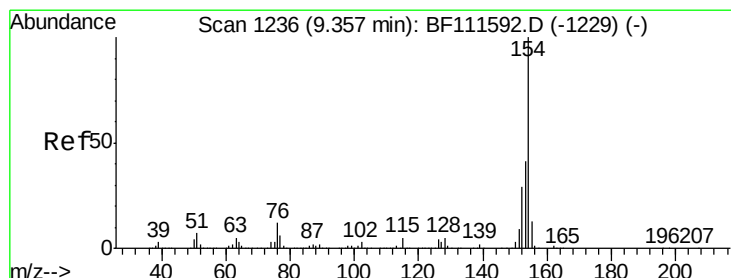
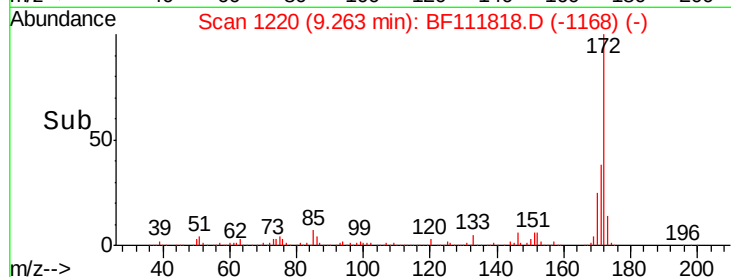
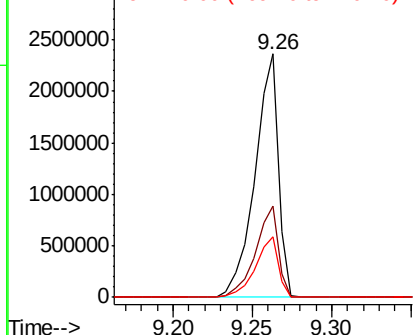
#45
2-Fluorobiphenyl
Concen: 68.112 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2437785
Ion Ratio Lower Upper
172 100
171 37.6 33.0 49.4
170 24.9 22.3 33.5

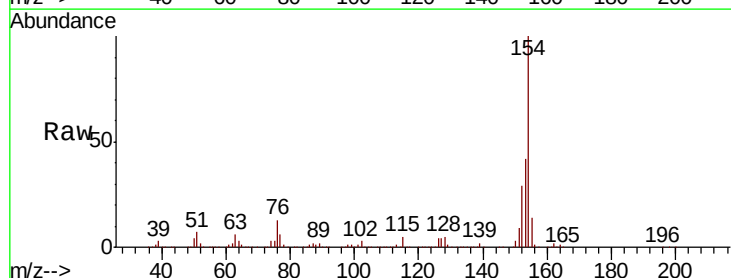


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

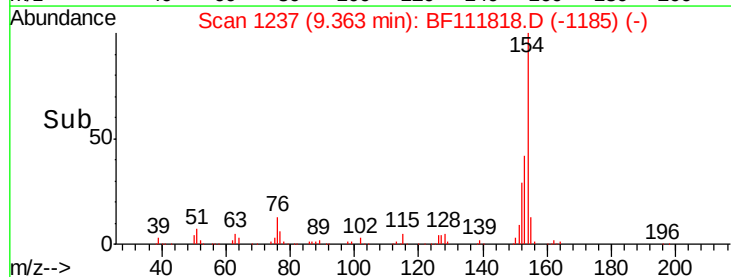
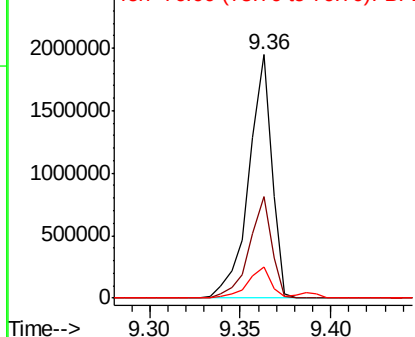


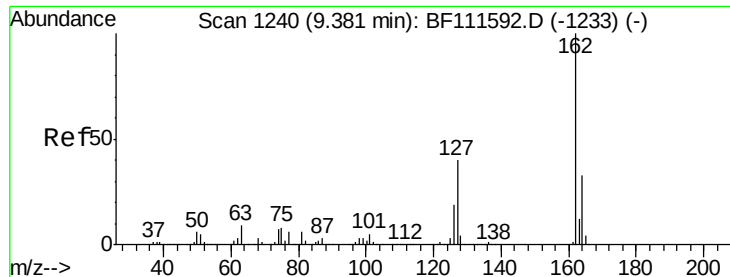
#46
1,1'-Biphenyl
Concen: 39.167 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:154 Resp: 1724815
Ion Ratio Lower Upper
154 100
153 41.7 23.7 63.7
76 12.6 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

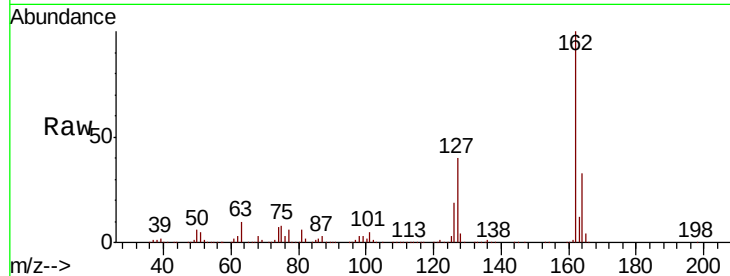




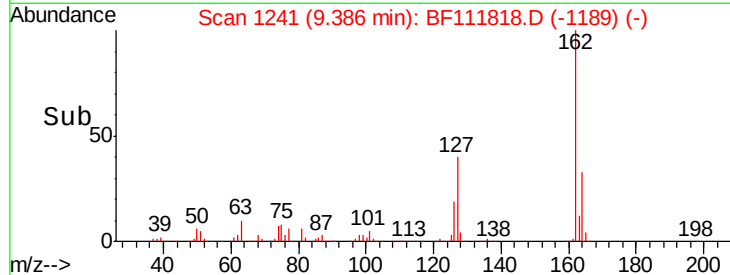
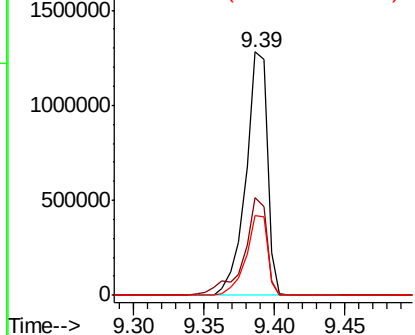
#47
 2-Chloronaphthalene
 Concen: 39.219 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1368379
 Ion Ratio Lower Upper
 162 100
 127 40.1 35.0 52.4
 164 33.0 28.4 42.6

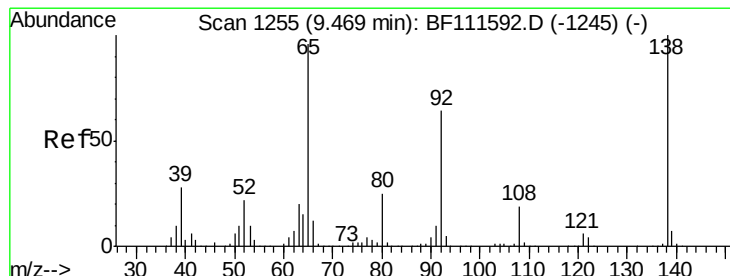


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

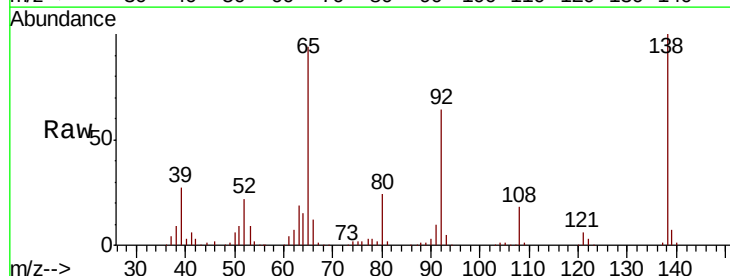
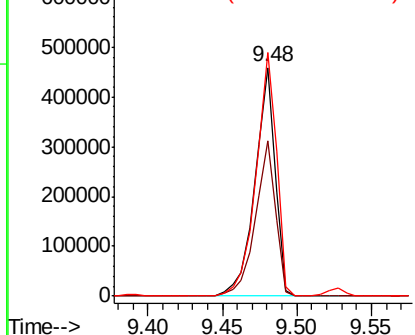


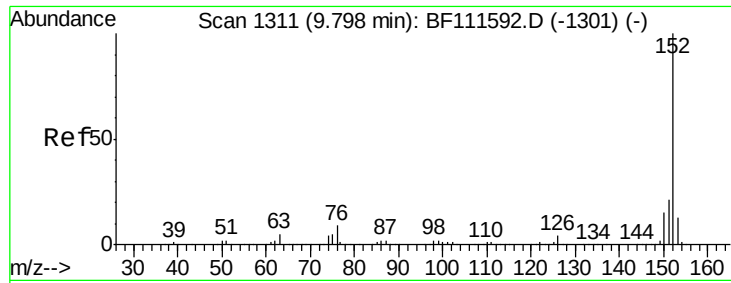
#48
 2-Nitroaniline
 Concen: 46.726 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion: 65 Resp: 424120
 Ion Ratio Lower Upper
 65 100
 92 68.1 53.5 80.3
 138 106.5 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: 42.171 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

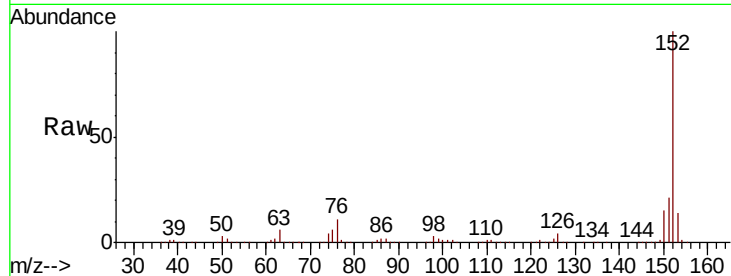
Tot Ion:152 Resp: 2148298

Ion Ratio Lower Upper

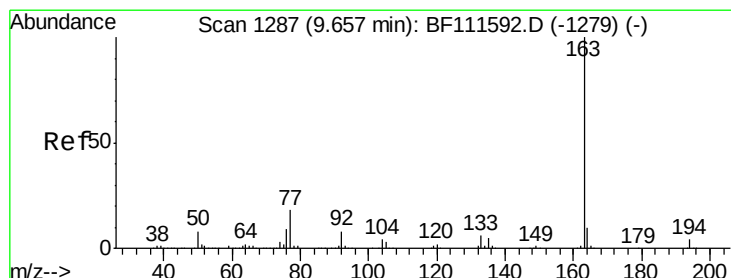
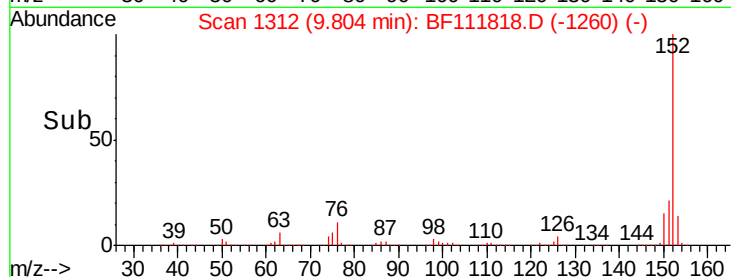
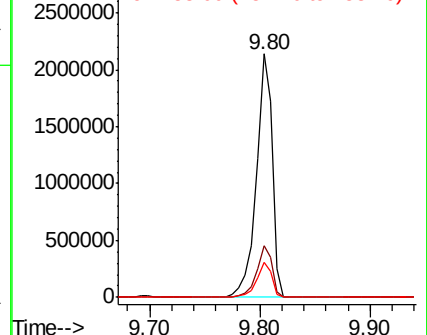
152 100

151 21.5 18.0 27.0

153 14.1 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: 41.686 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

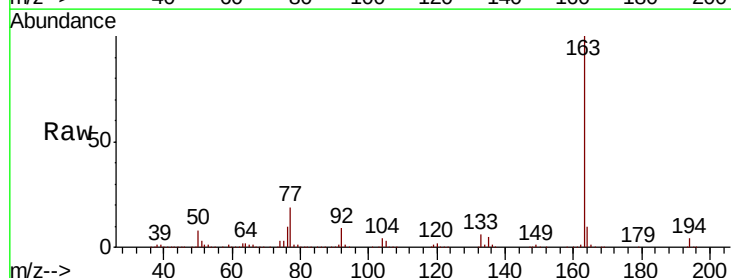
Tgt Ion:163 Resp: 1590270

Ion Ratio Lower Upper

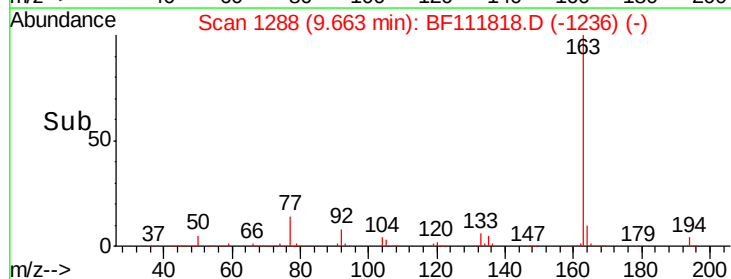
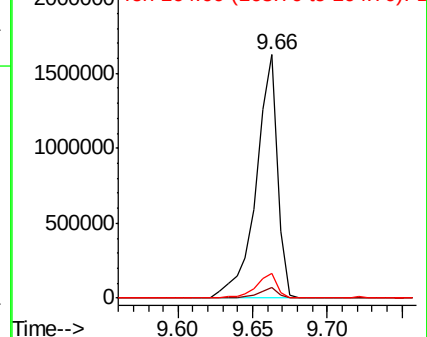
163 100

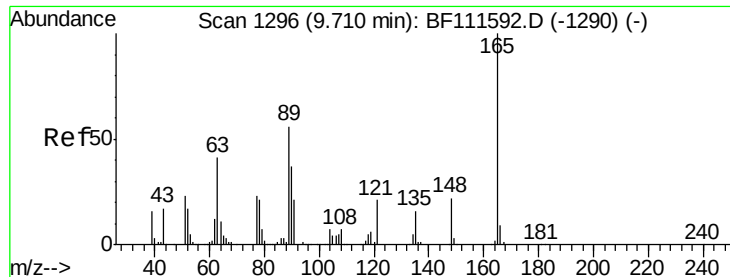
194 4.3 3.0 4.6

164 10.3 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

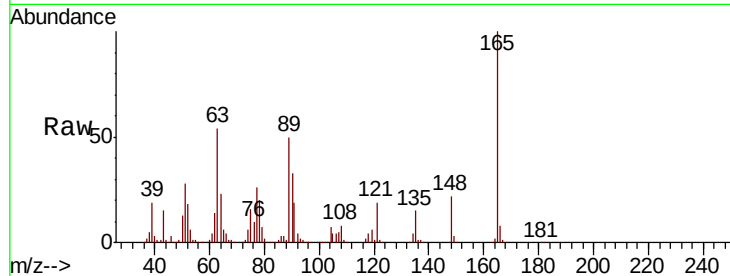




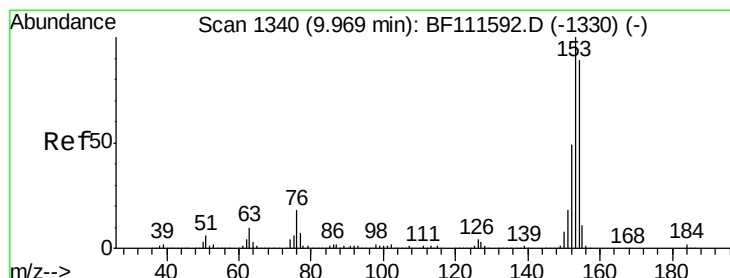
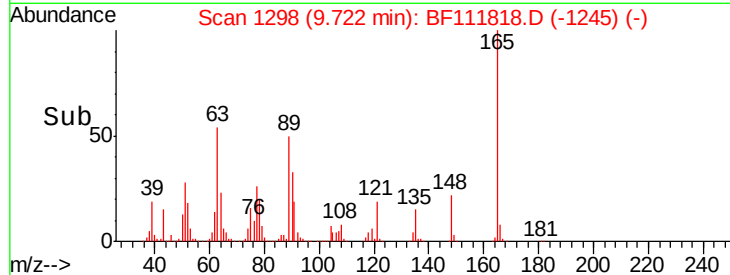
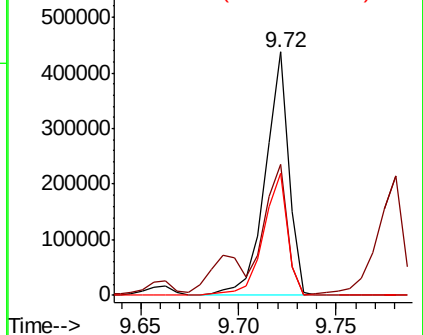
#51
 2,6-Dinitrotoluene
 Concen: 47.900 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 364367
 Ion Ratio Lower Upper
 165 100
 63 53.6 40.5 60.7
 89 50.1 40.0 60.0

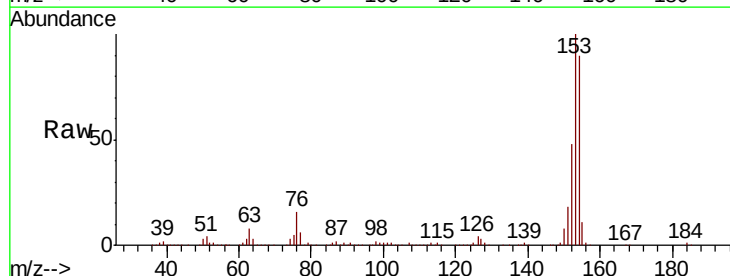


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

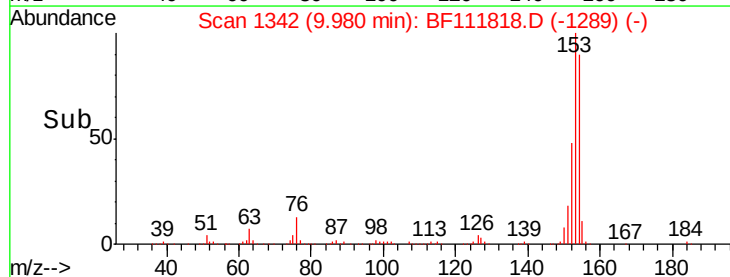
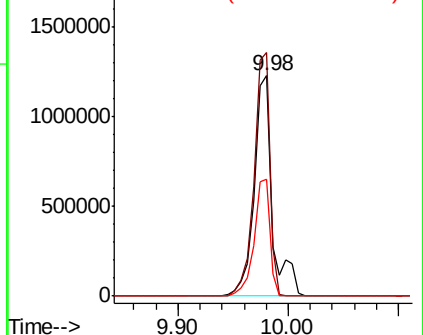


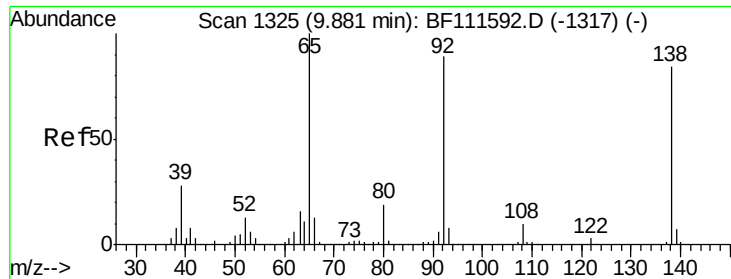
#52
 Acenaphthene
 Concen: 45.495 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:154 Resp: 1429414
 Ion Ratio Lower Upper
 154 100
 153 110.6 87.8 131.8
 152 53.0 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

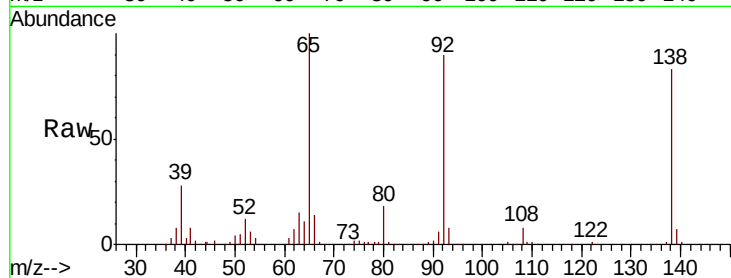




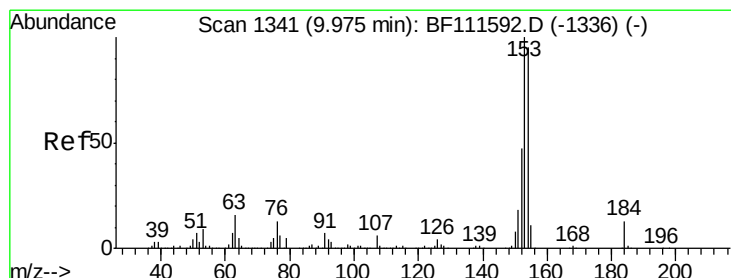
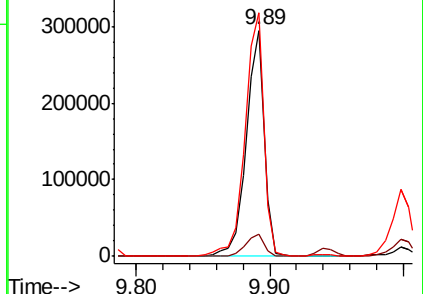
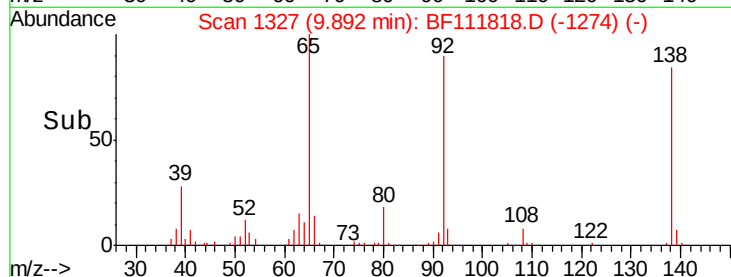
#53
3-Nitroaniline
Concen: 33.535 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 272061
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 107.8 93.4 140.2

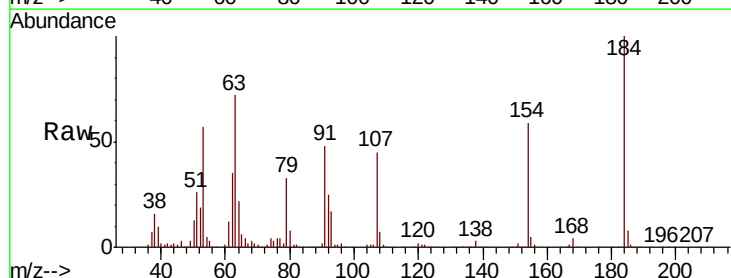


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

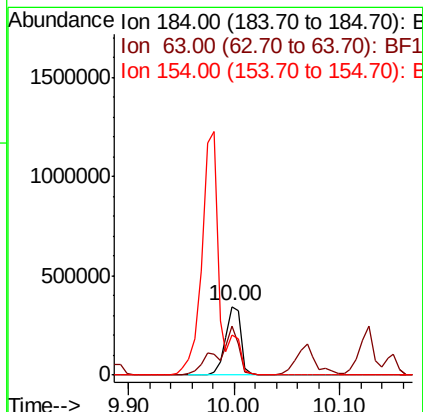
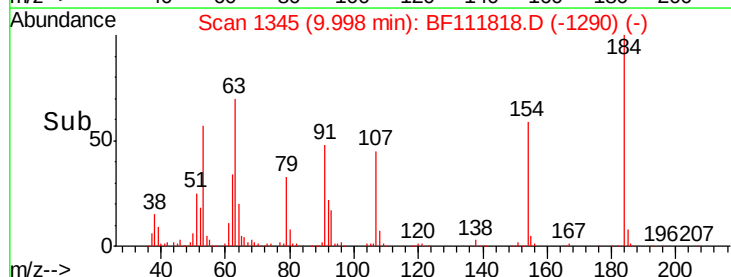


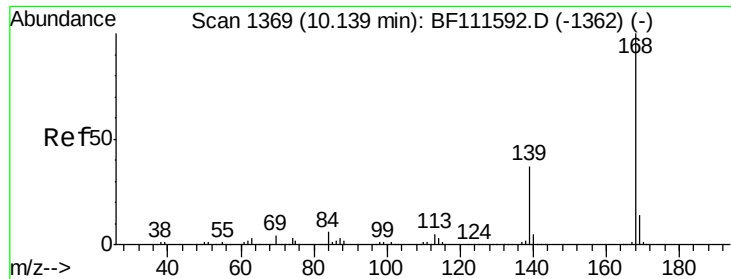
#54
2,4-Dinitrophenol
Concen: 140.666 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:184 Resp: 358286
Ion Ratio Lower Upper
184 100
63 72.1 62.3 93.5
154 58.9 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

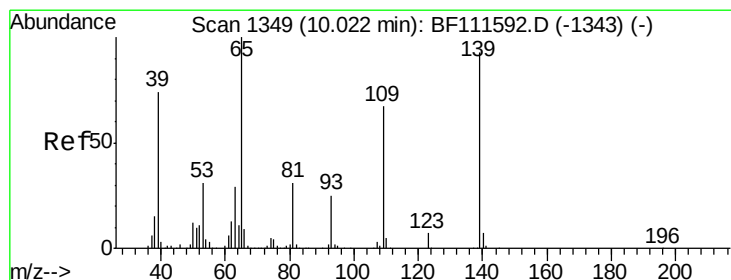
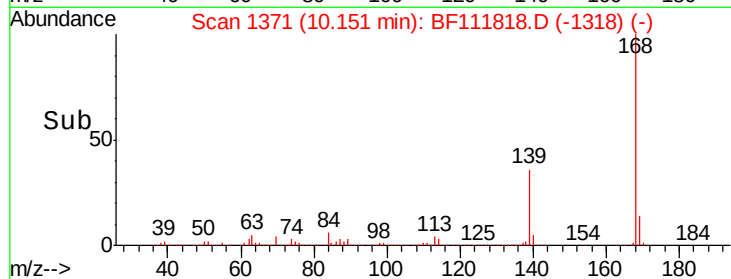
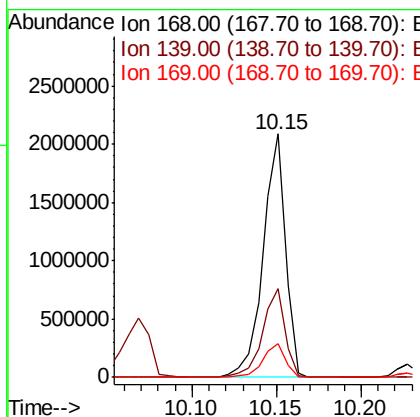
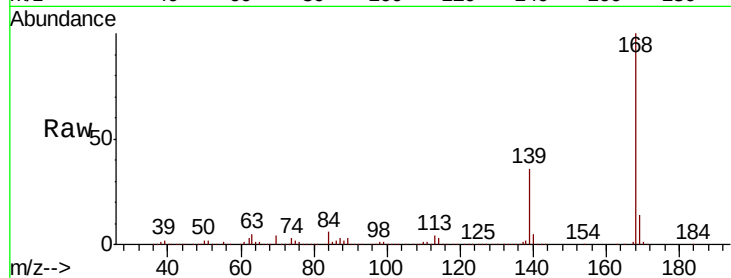




#55
Dibenzofuran
Concen: 40.327 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

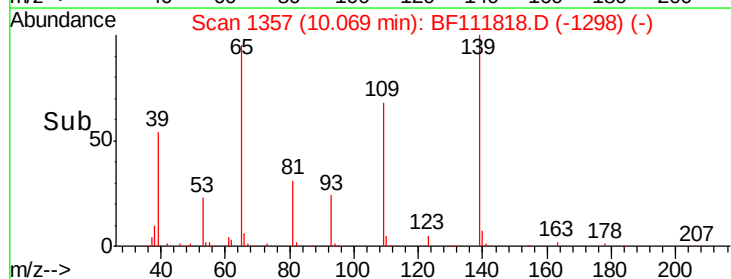
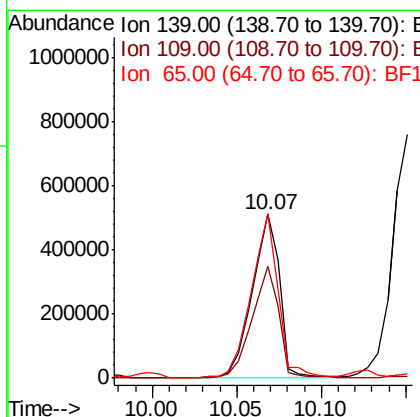
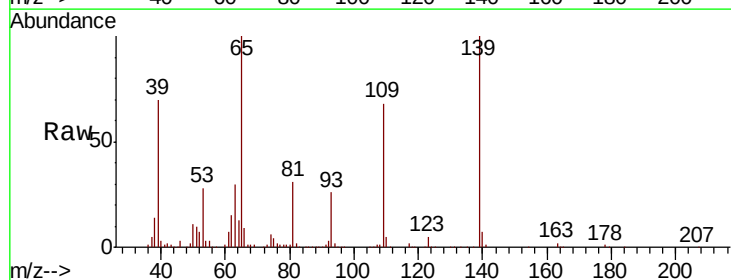
Instrument :
BNA_F
ClientSampleId :

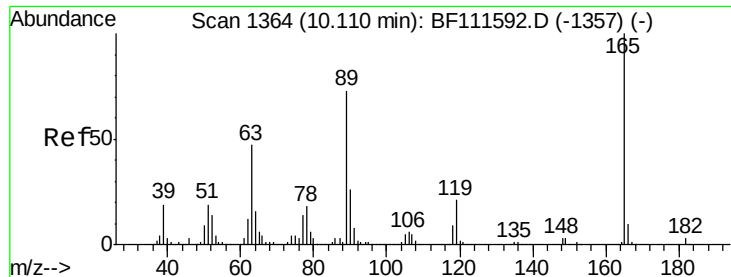
Tot Ion:168 Resp: 1914274
Ion Ratio Lower Upper
168 100
139 36.4 32.6 49.0
169 13.7 11.8 17.6



#56
4-Nitrophenol
Concen: 93.001 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:139 Resp: 575790
Ion Ratio Lower Upper
139 100
109 68.1 41.8 81.8
65 100.4 79.6 119.6





#57

2,4-Dinitrotoluene

Concen: 53.451 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 488672

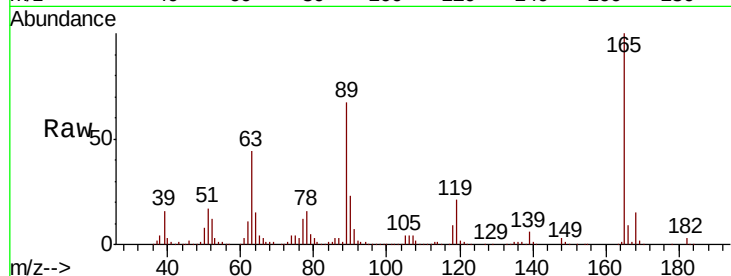
Ion Ratio Lower Upper

165 100

63 43.7 34.6 52.0

89 67.2 56.2 84.4

182 2.6 1.8 2.6

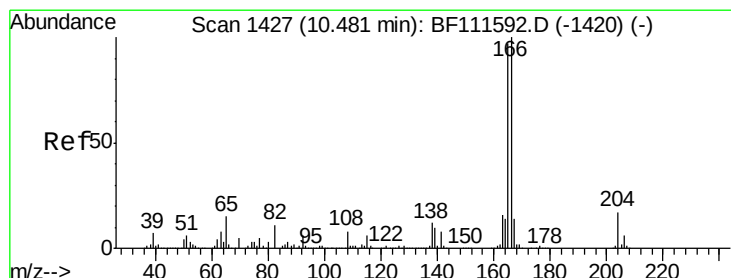
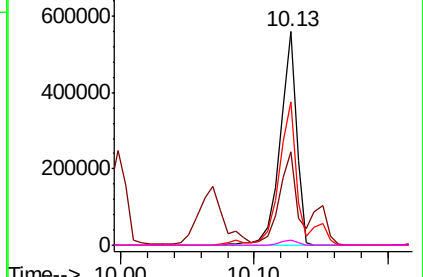
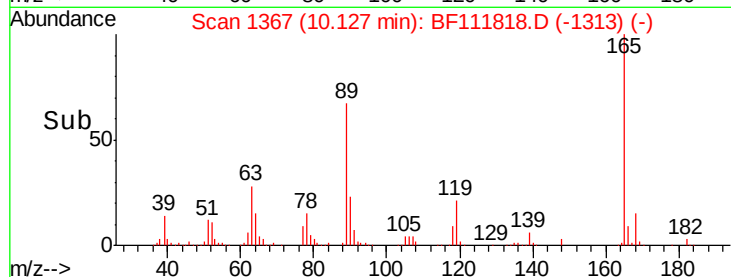


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.529 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

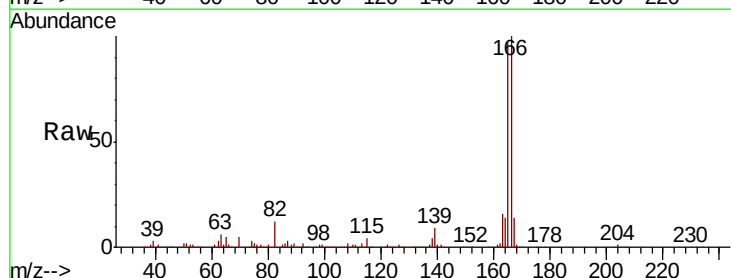
Tgt Ion:166 Resp: 1488900

Ion Ratio Lower Upper

166 100

165 97.2 78.4 117.6

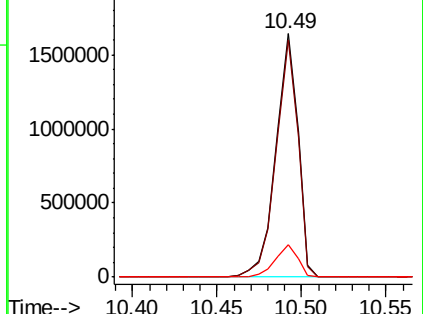
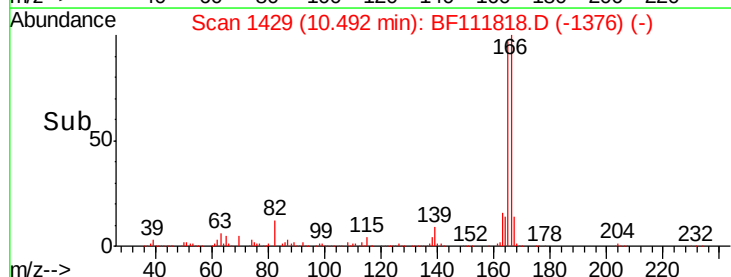
167 13.5 11.2 16.8

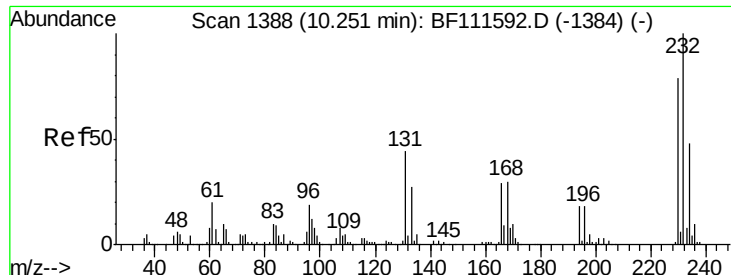


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

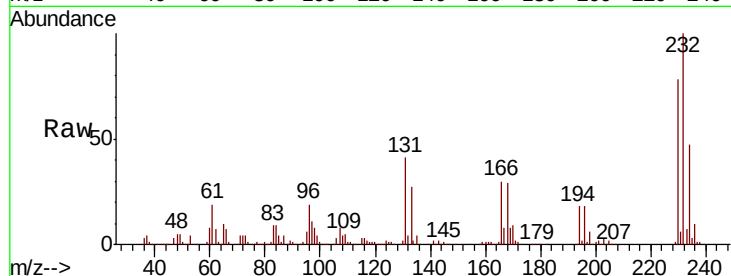




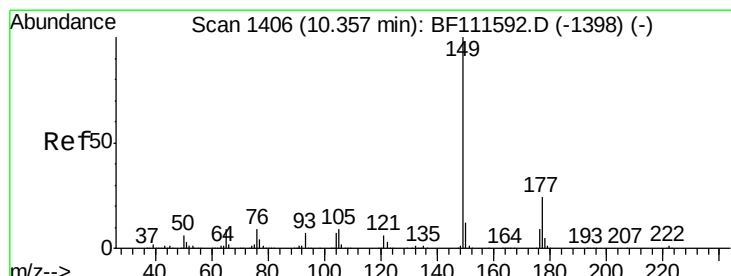
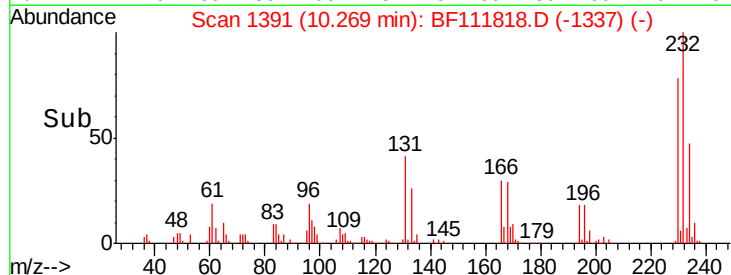
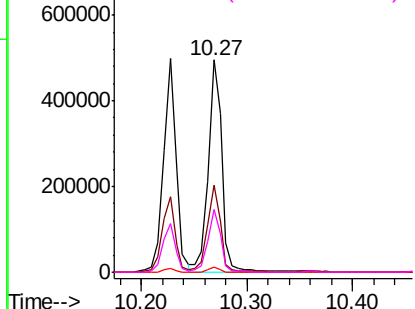
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.357 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.1	40.9	61.3#
130	2.0	2.0	3.0
166	27.8	26.8	40.2

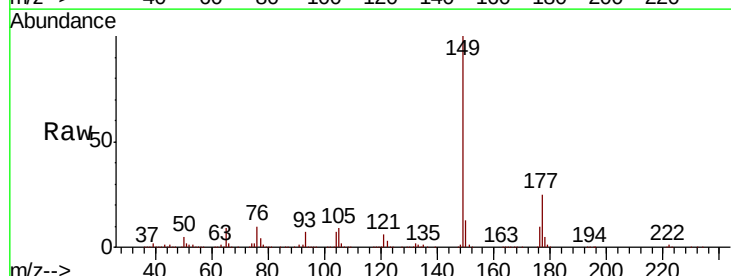


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

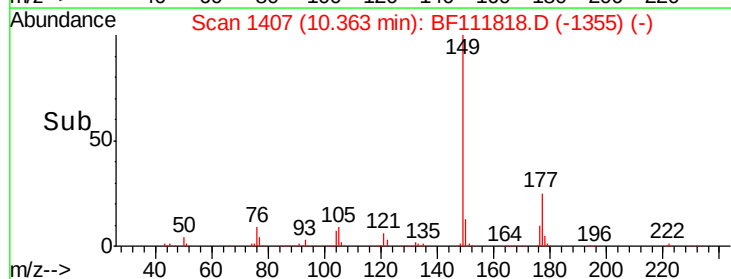
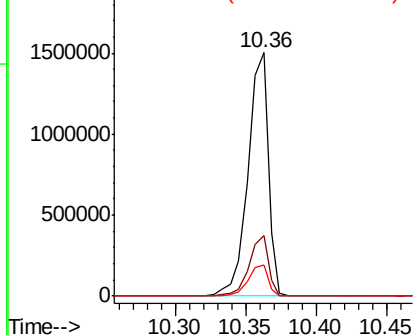


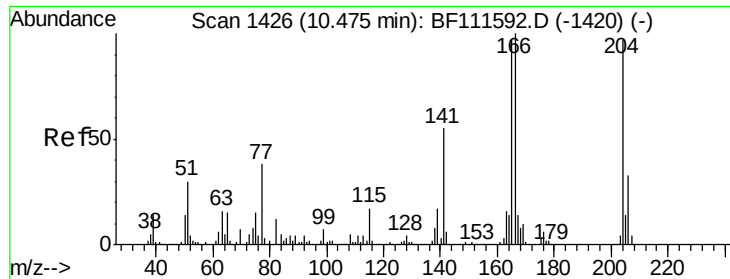
#60
Diethylphthalate
Concen: 40.759 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.3	27.5
150	12.7	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

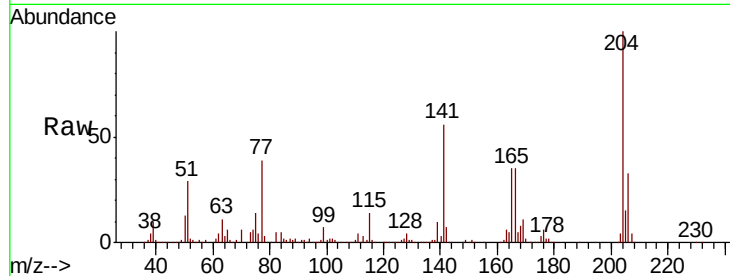




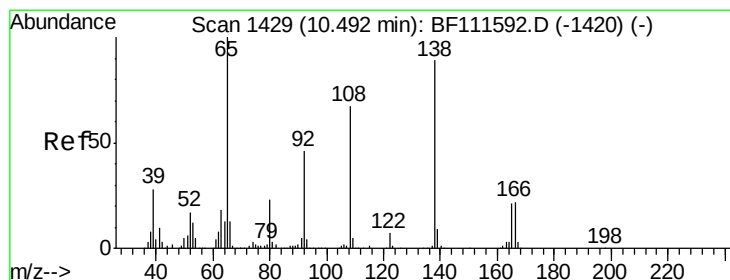
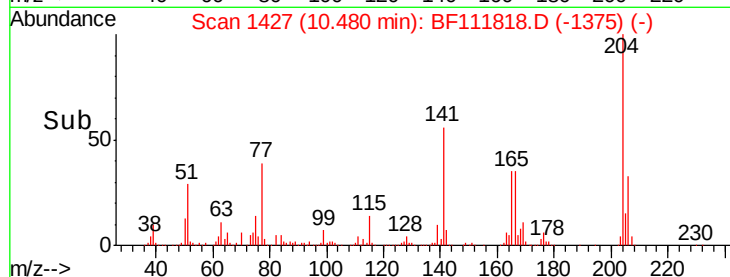
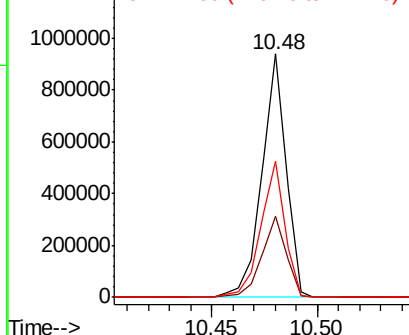
#61
 4-Chlorophenyl-phenylether
 Concen: 39.706 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 750355
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.6 39.8
 141 55.7 52.6 78.8

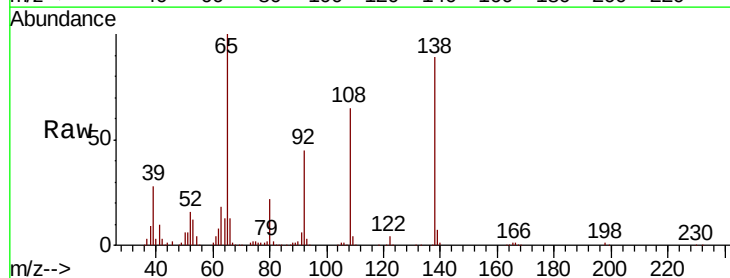


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

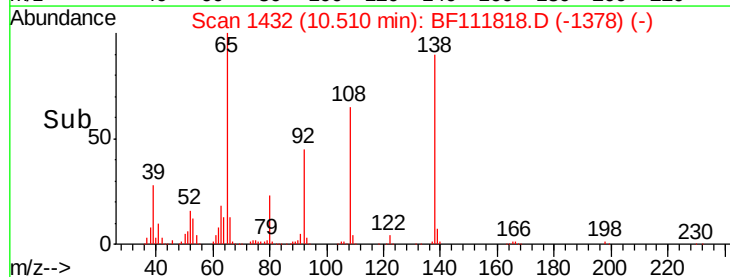
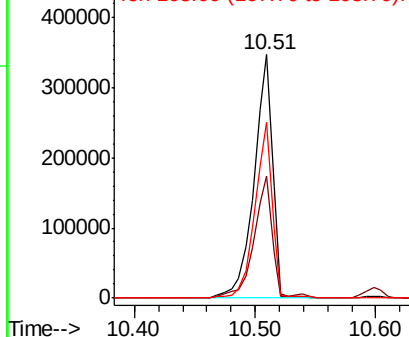


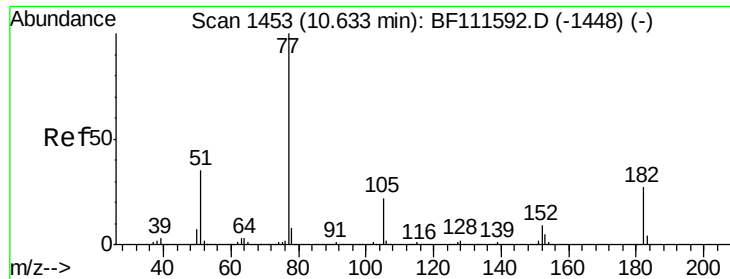
#62
 4-Nitroaniline
 Concen: 47.471 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:138 Resp: 374308
 Ion Ratio Lower Upper
 138 100
 92 50.2 29.9 69.9
 108 72.4 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: 39.426 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

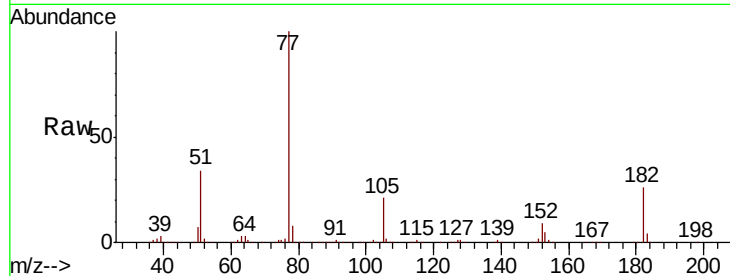
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1481187

Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.9	44.9
105	21.5	6.0	46.0
51	33.6	14.7	54.7

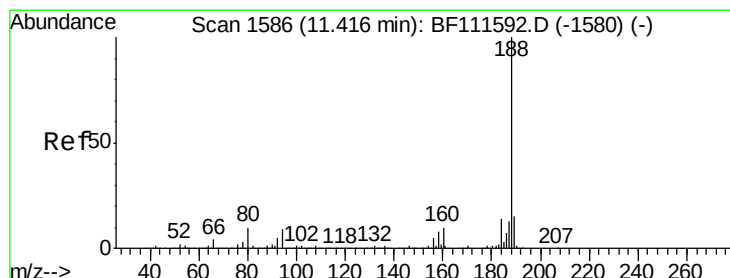
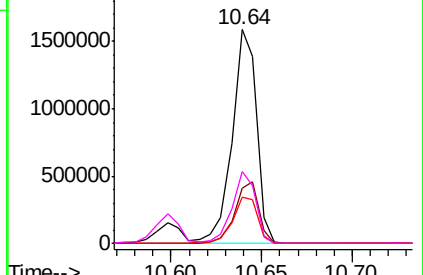
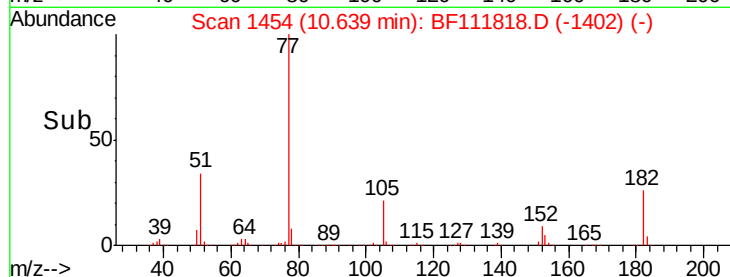


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1588

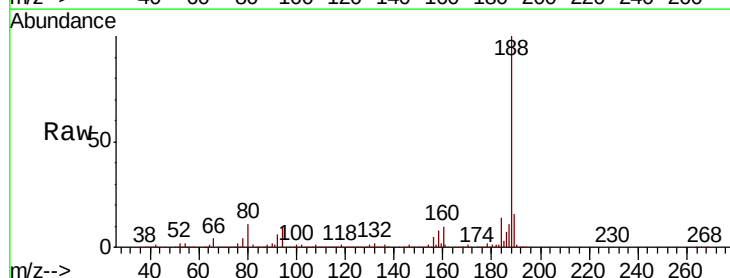
Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion: 188 Resp: 983982

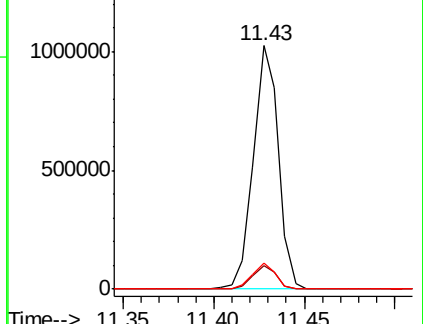
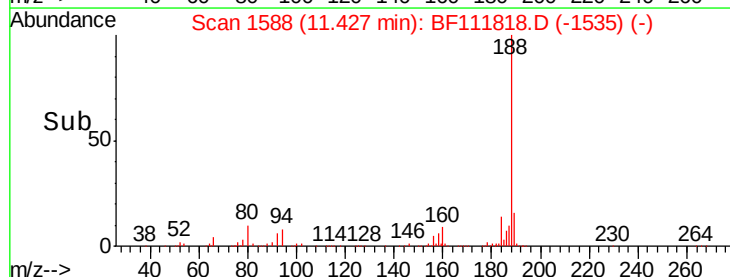
Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.6	14.4
80	10.7	9.8	14.6

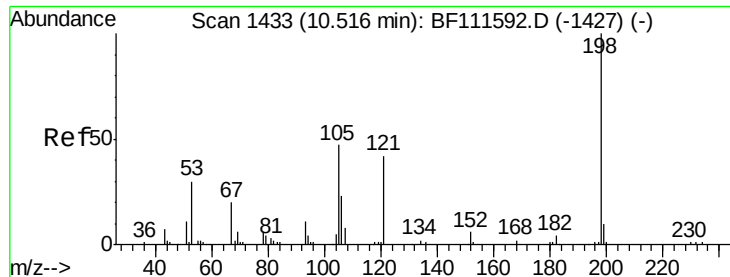


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

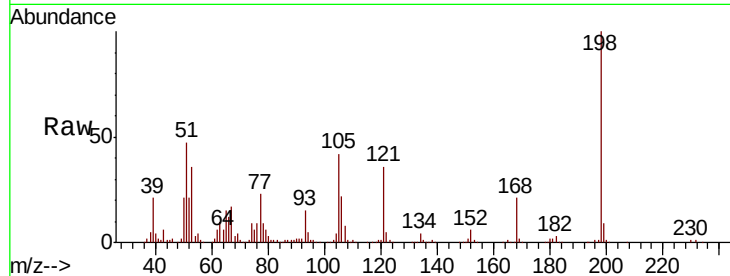




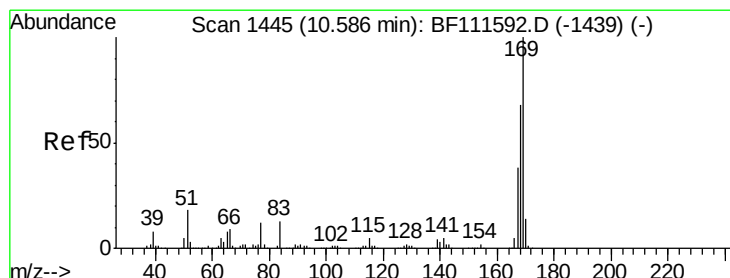
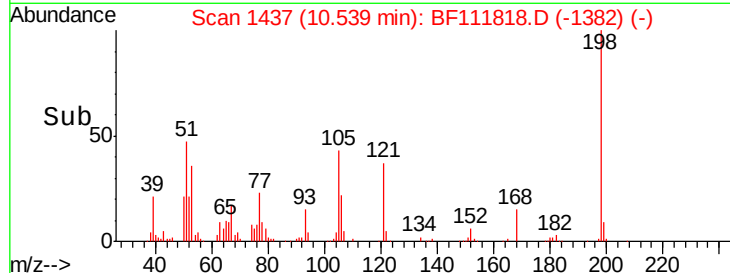
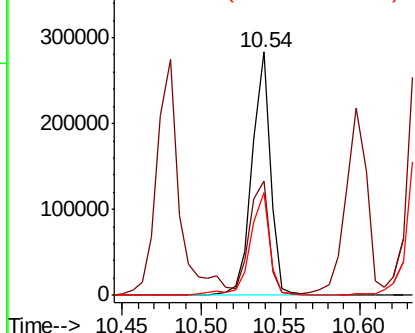
#65
4,6-Dinitro-2-methylphenol
Concen: 55.341 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 229893
Ion Ratio Lower Upper
198 100
51 46.9 48.0 88.0#
105 42.0 34.0 74.0

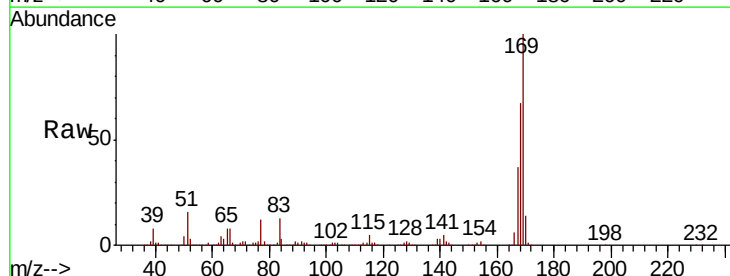


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

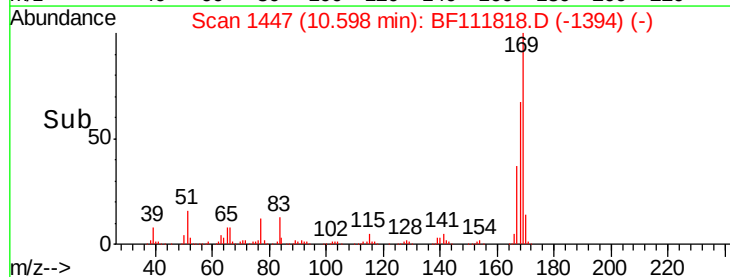
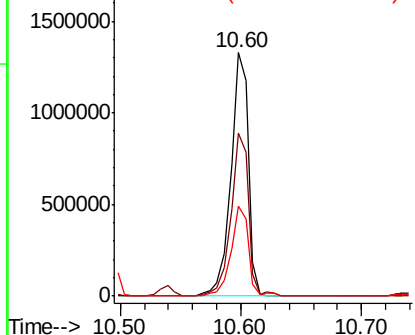


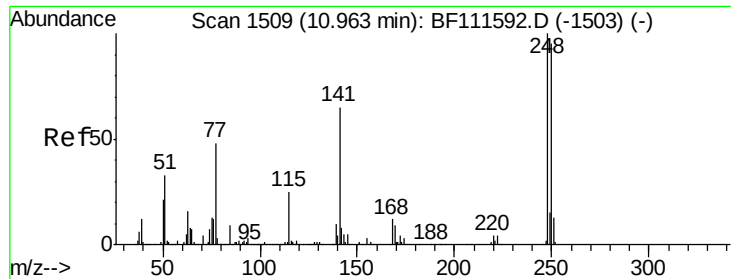
#66
n-Nitrosodiphenylamine
Concen: 40.333 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:169 Resp: 1332201
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 37.2 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

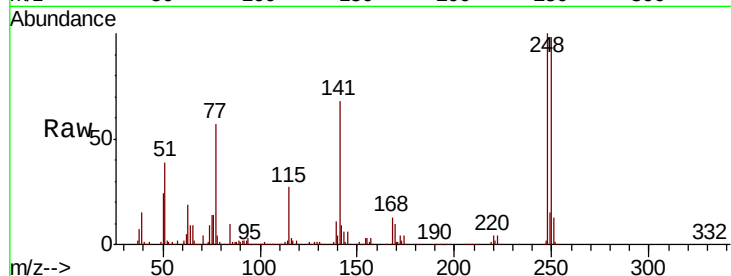




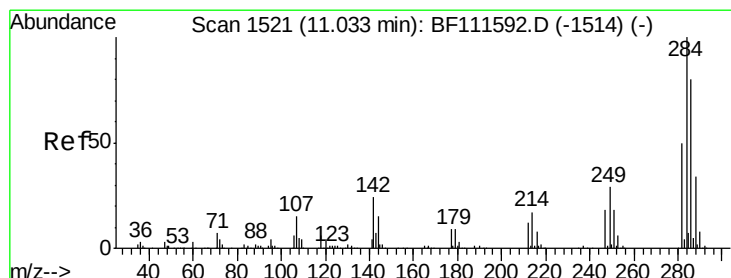
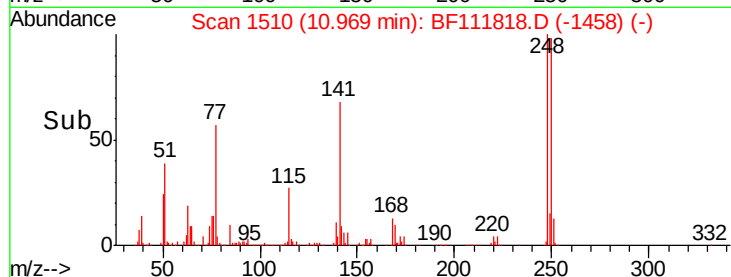
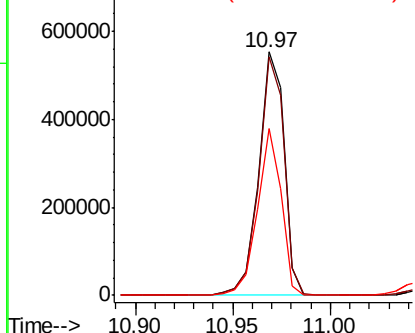
#67
4-Bromophenyl-phenylether
Concen: 40.867 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 498763
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.4
141 68.5 63.0 94.6

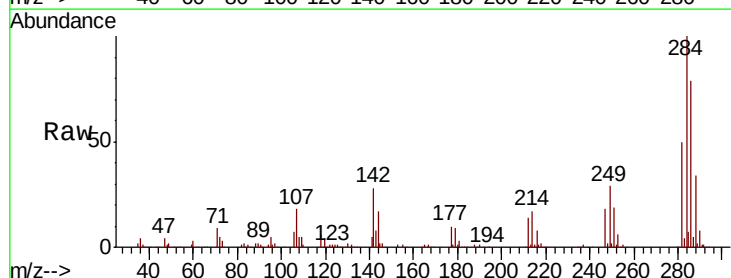


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

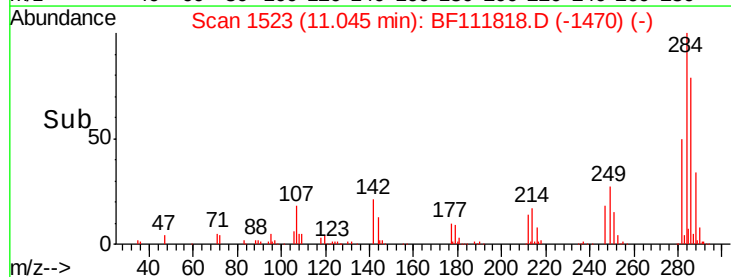
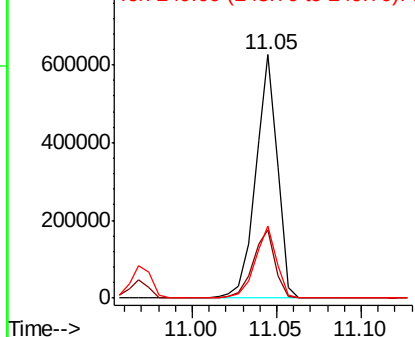


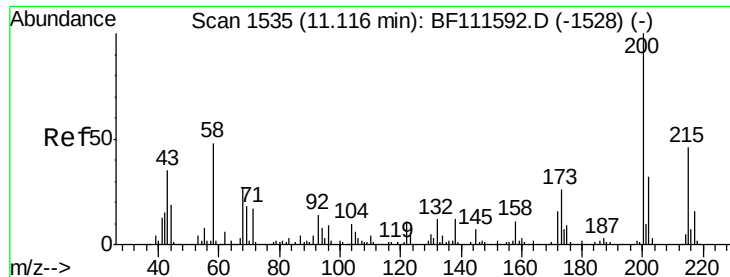
#68
Hexachlorobenzene
Concen: 41.075 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:284 Resp: 558936
Ion Ratio Lower Upper
284 100
142 27.8 27.4 41.2
249 29.4 24.4 36.6



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





#69

Atrazine

Concen: 39.679 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

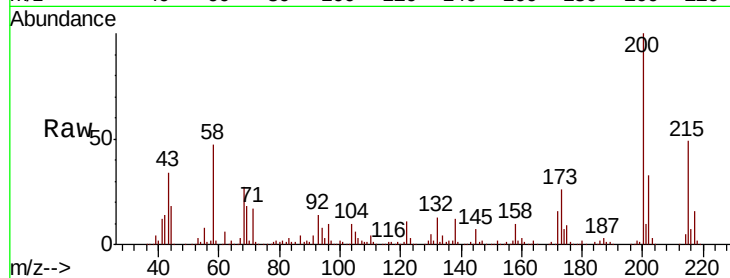
Tot Ion:200 Resp: 455308

Ion Ratio Lower Upper

200 100

173 26.1 10.1 50.1

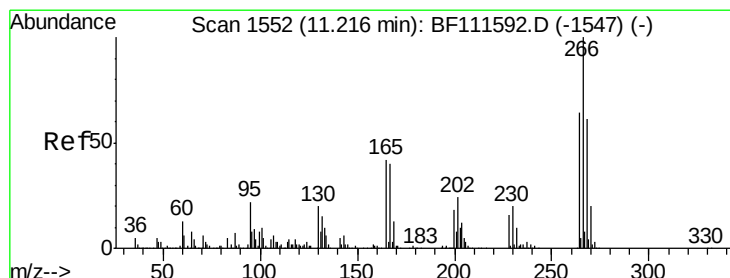
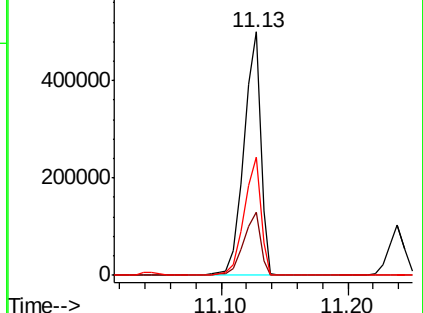
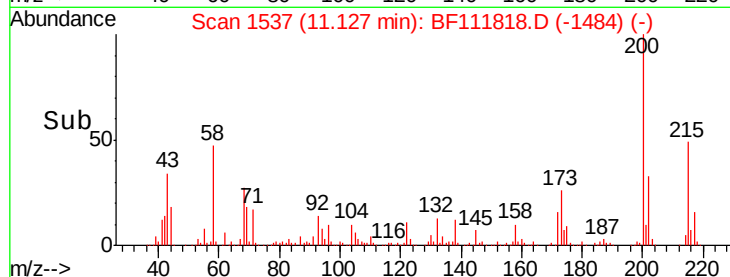
215 48.7 26.9 66.9



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: 66.829 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

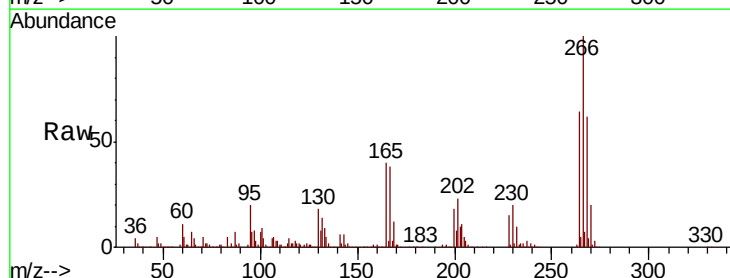
Tgt Ion:266 Resp: 562201

Ion Ratio Lower Upper

266 100

268 62.0 47.9 71.9

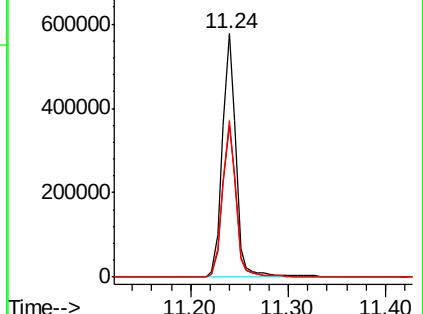
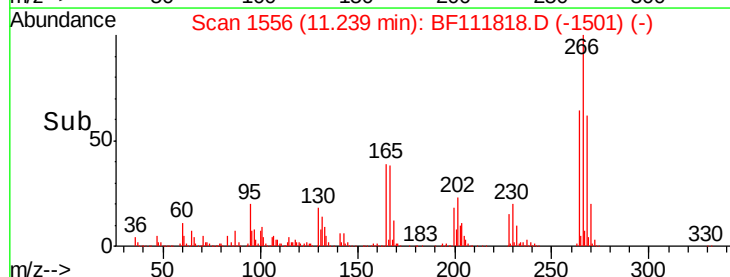
264 64.2 49.1 73.7

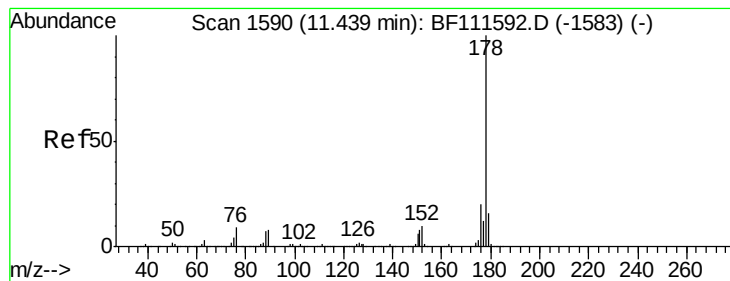


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.668 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

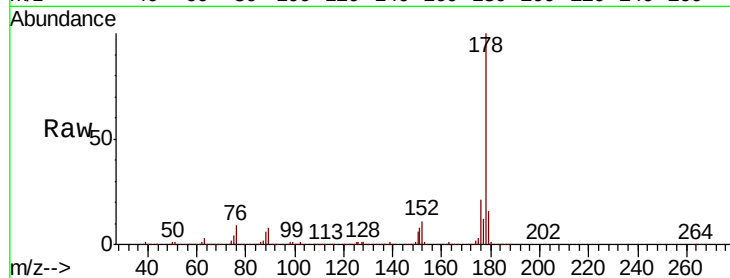
Tot Ion:178 Resp: 2174433

Ion Ratio Lower Upper

178 100

176 20.8 18.1 27.1

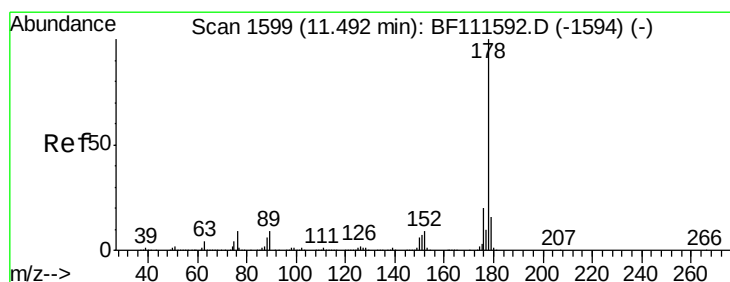
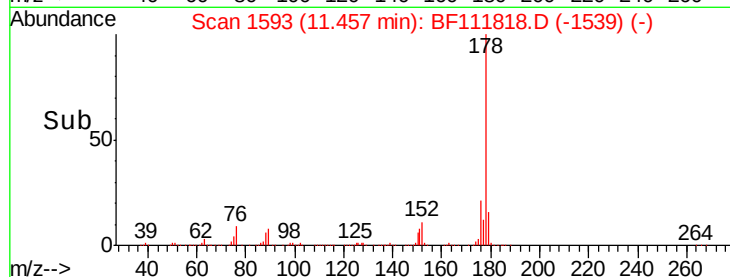
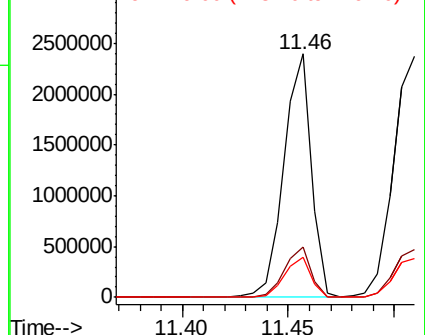
179 16.3 14.0 21.0



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: 42.684 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

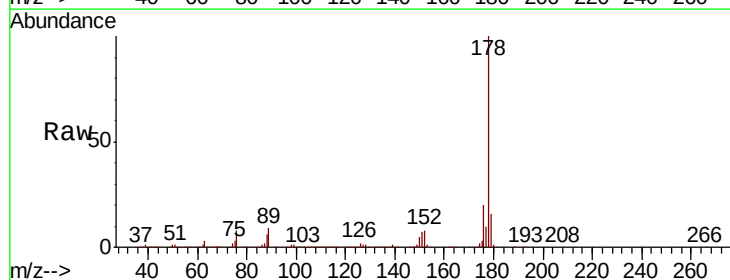
Tgt Ion:178 Resp: 2235745

Ion Ratio Lower Upper

178 100

176 19.6 17.2 25.8

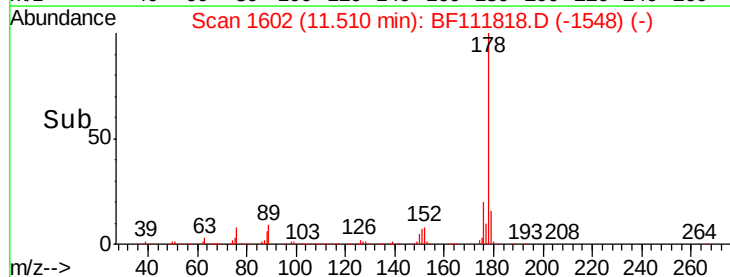
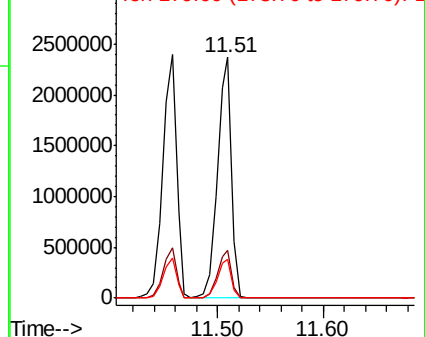
179 16.2 13.8 20.8

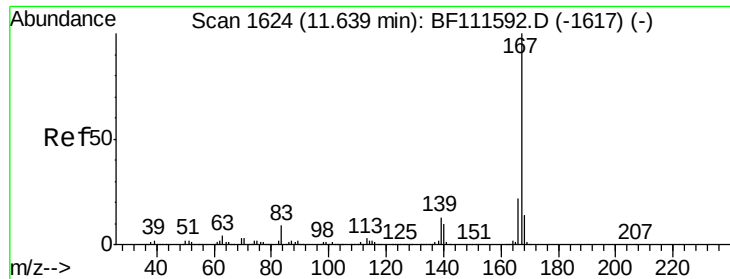


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

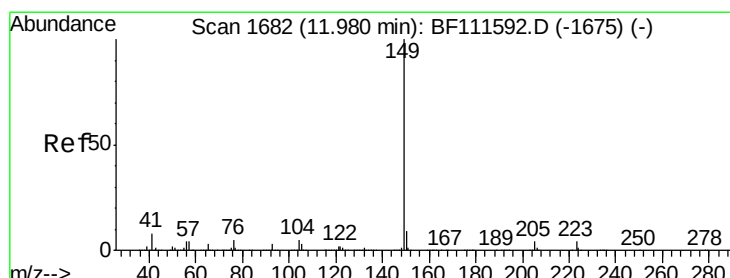
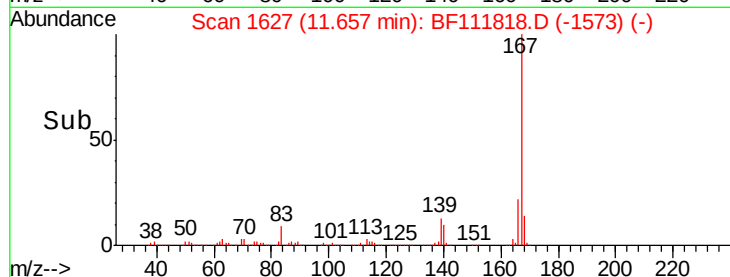
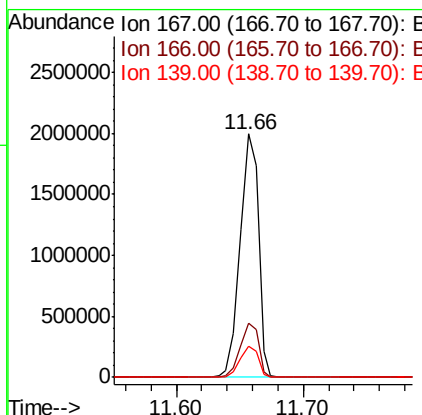
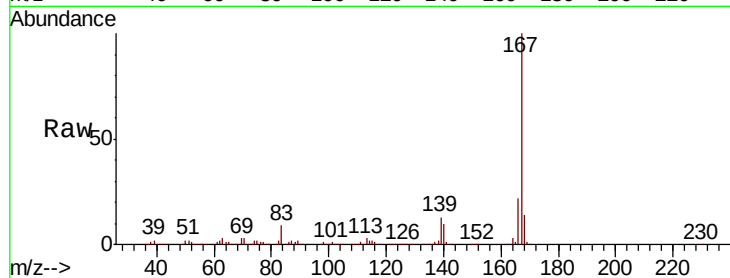




#73
 Carbazole
 Concen: 38.958 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

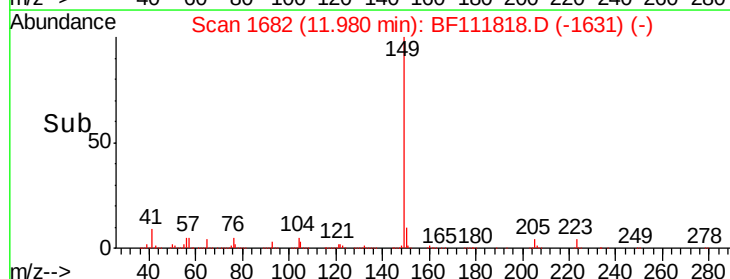
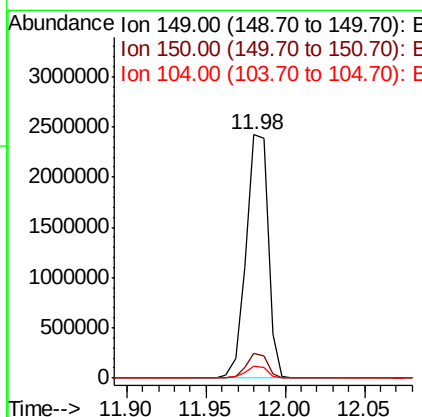
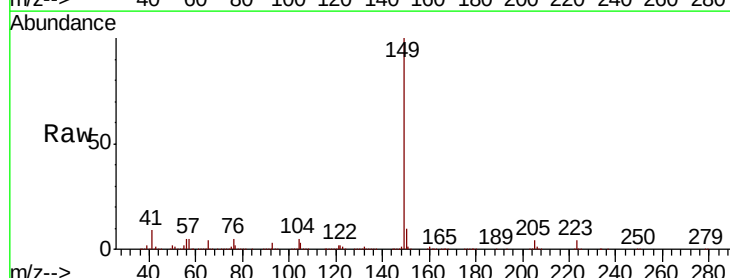
Instrument :
 BNA_F
 ClientSampleId :

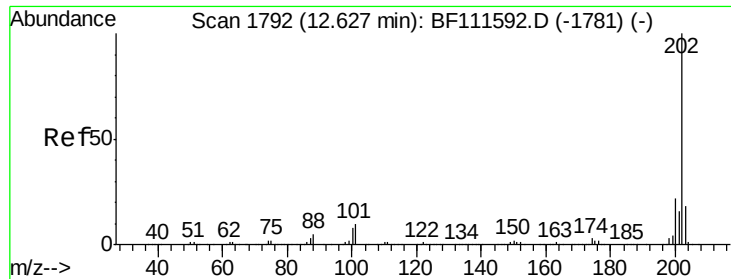
Tot Ion:167 Resp: 1981126
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.3 28.9
 139 12.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 40.849 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:149 Resp: 2329075
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.8 13.2
 104 5.1 4.5 6.7

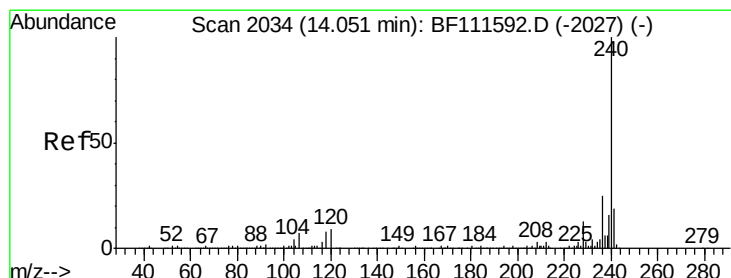
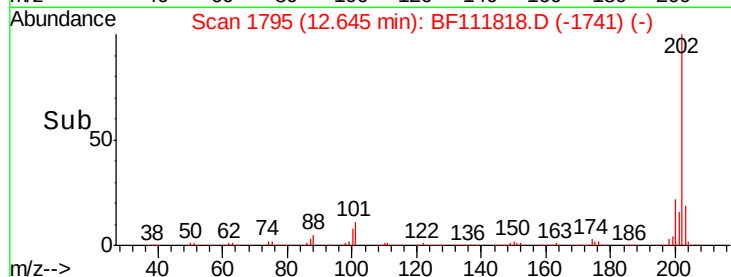
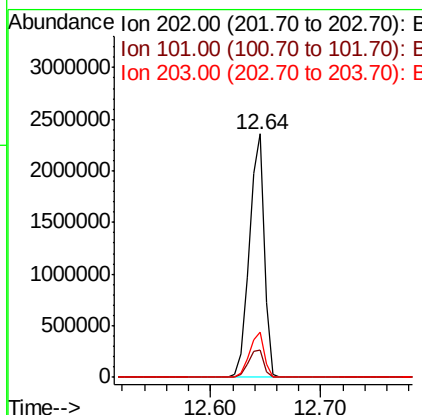
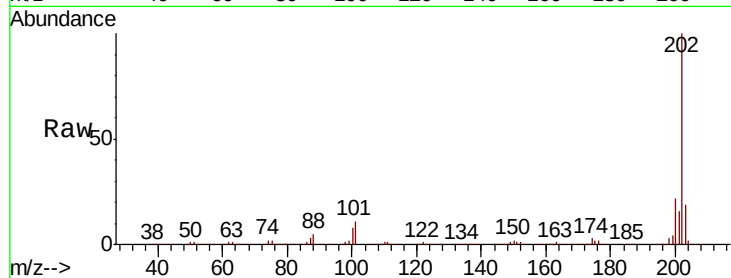




#75
Fluoranthene
Concen: 42.347 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

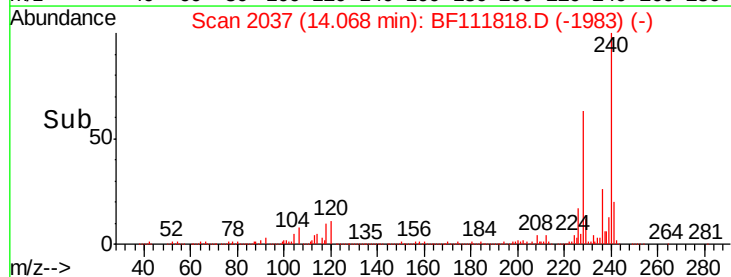
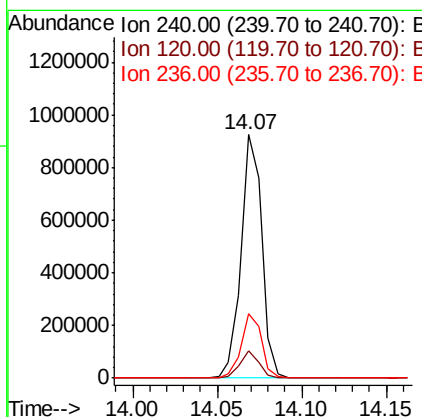
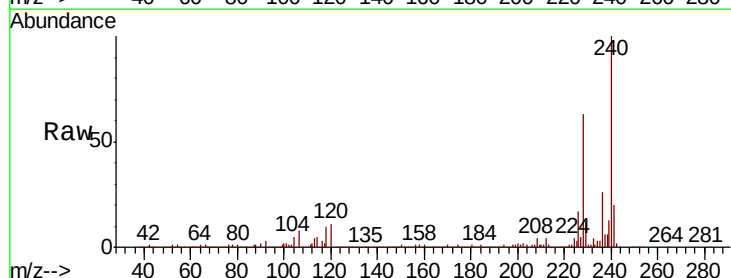
Instrument :
BNA_F
ClientSampleId :

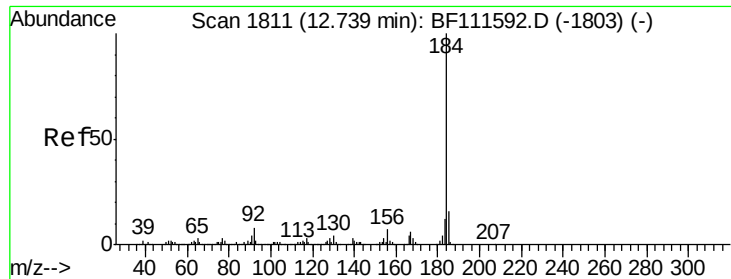
Tot Ion:202 Resp: 2237764
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.8
203 18.5 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:240 Resp: 789126
Ion Ratio Lower Upper
240 100
120 11.3 12.2 18.2#
236 26.2 20.2 30.2





#77

Benzidine

Concen: 29.231 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

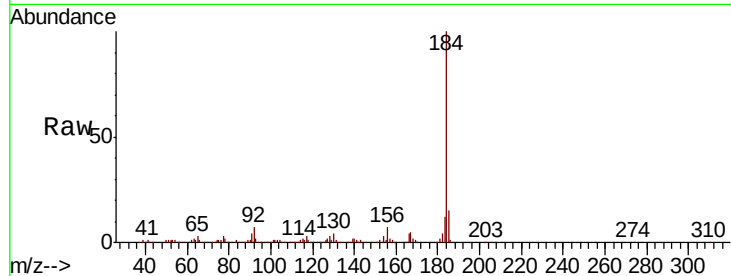
Tot Ion:184 Resp: 868000

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

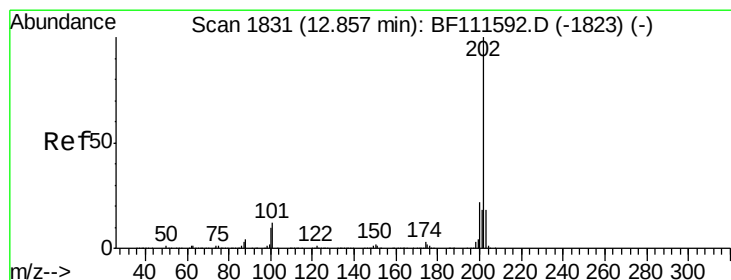
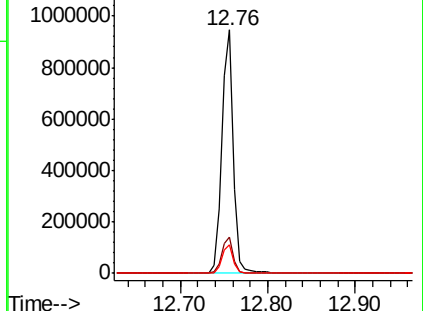
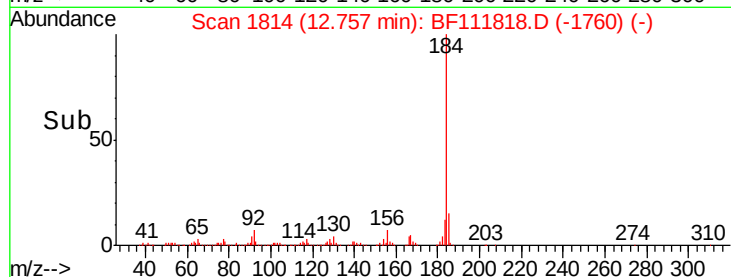
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.291 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

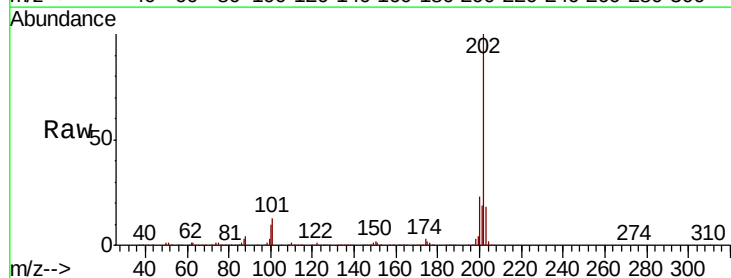
Tgt Ion:202 Resp: 2245250

Ion Ratio Lower Upper

202 100

200 22.6 19.0 28.4

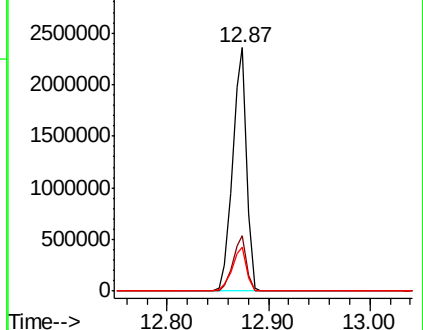
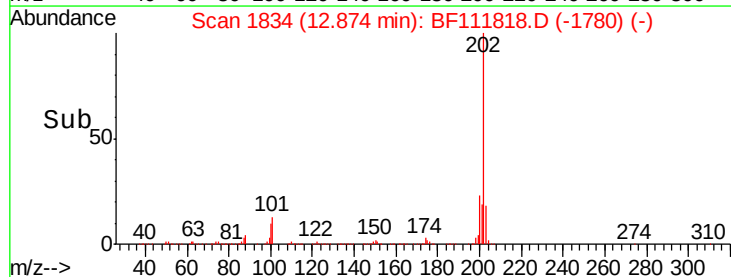
203 18.2 15.2 22.8

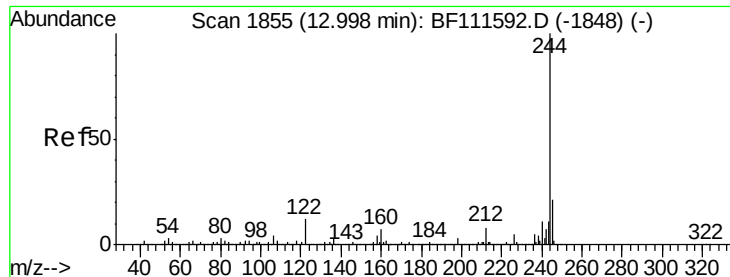


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.849 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

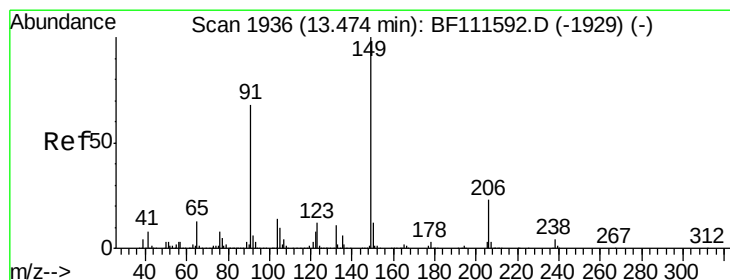
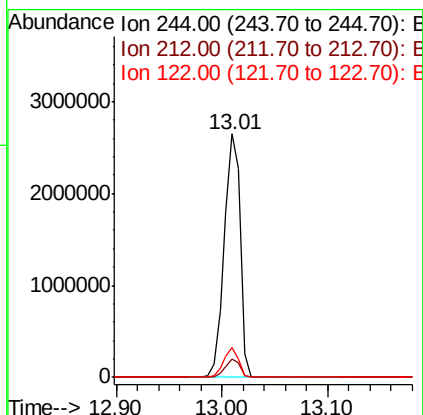
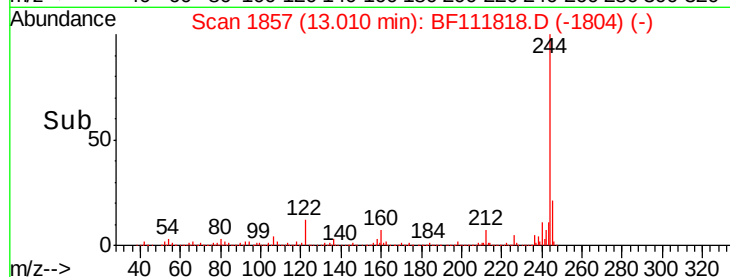
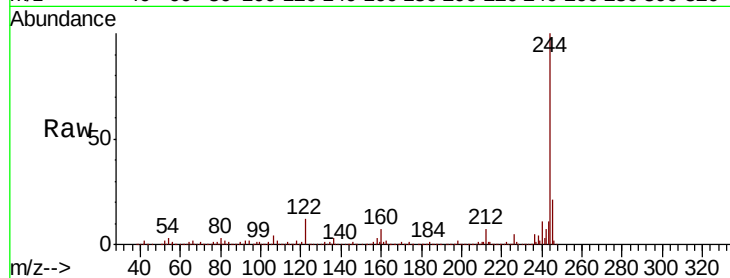
Tot Ion:244 Resp: 2781670

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 12.1 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 42.611 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

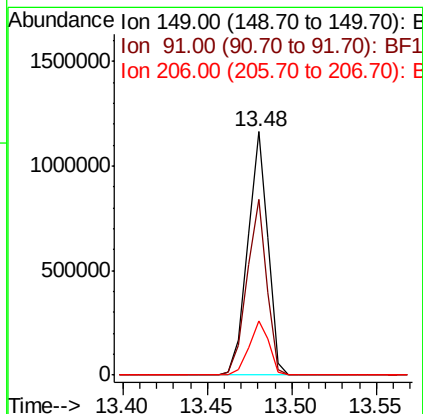
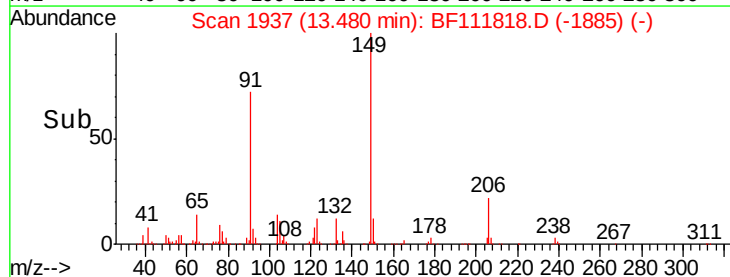
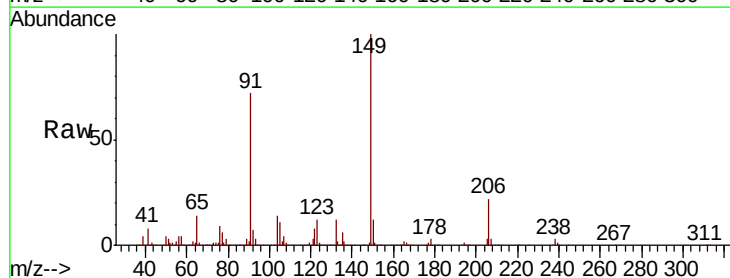
Tgt Ion:149 Resp: 967927

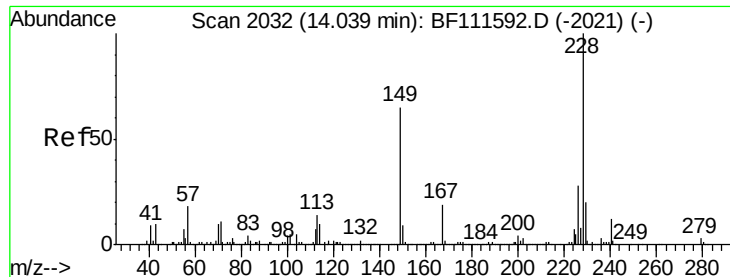
Ion Ratio Lower Upper

149 100

91 72.3 63.8 95.6

206 22.4 15.1 22.7





#81

Benzo(a)anthracene

Concen: 43.330 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampled :

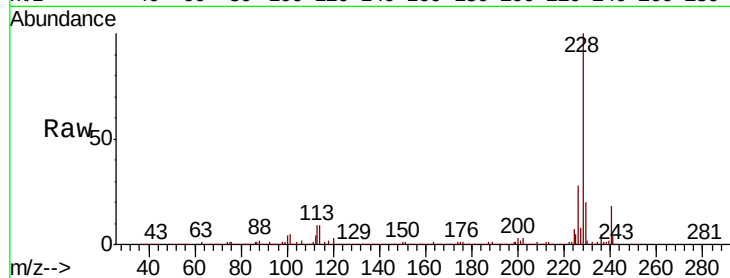
Tot Ion:228 Resp: 1951371

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

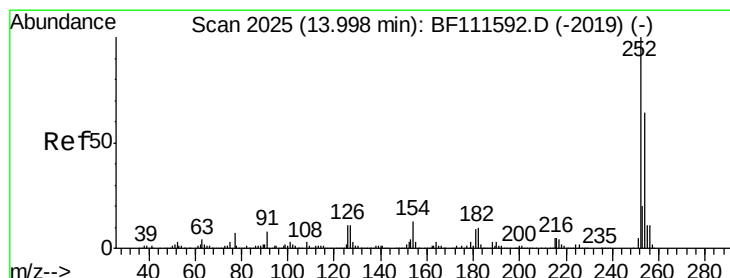
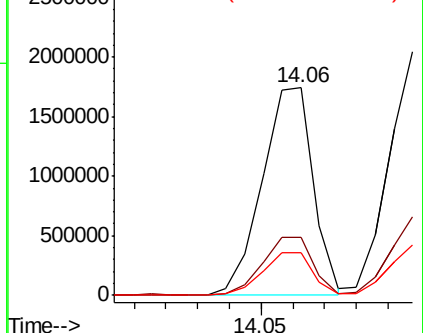
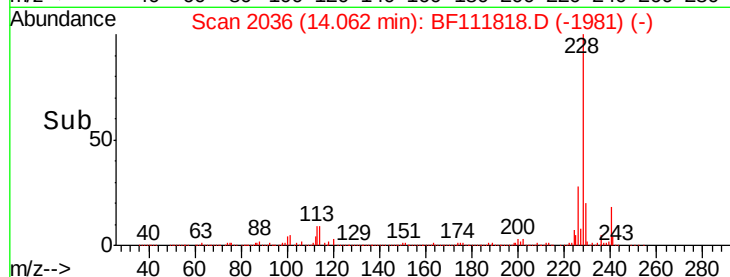
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.552 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

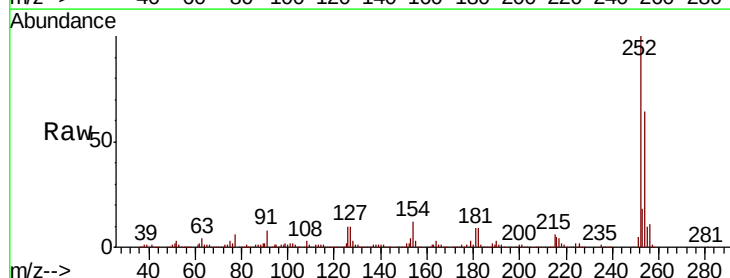
Tgt Ion:252 Resp: 561427

Ion Ratio Lower Upper

252 100

254 64.1 52.7 79.1

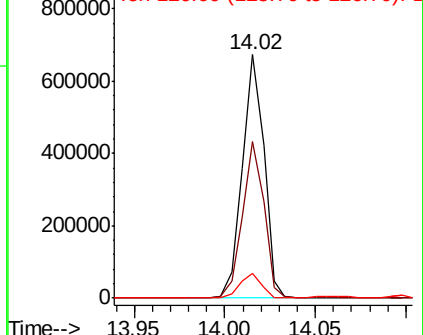
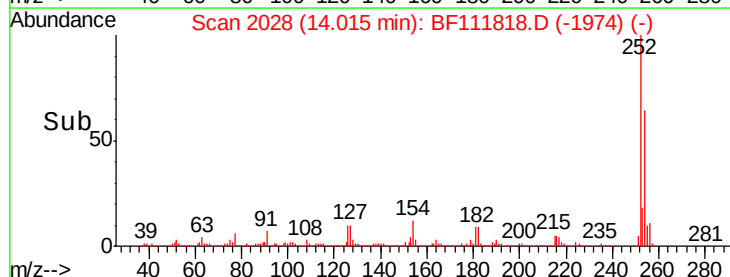
126 10.4 11.1 16.7#

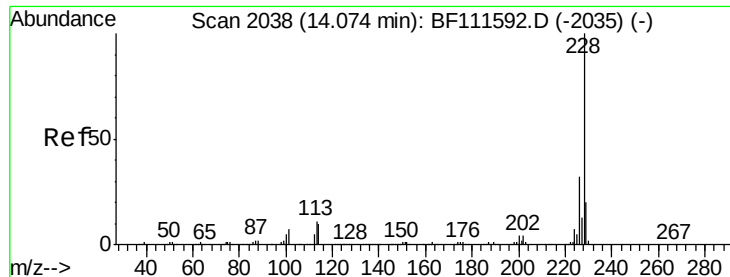


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

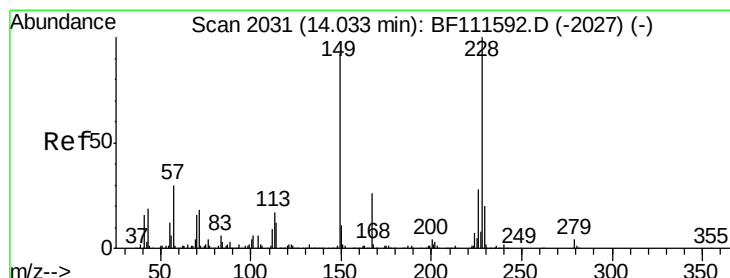
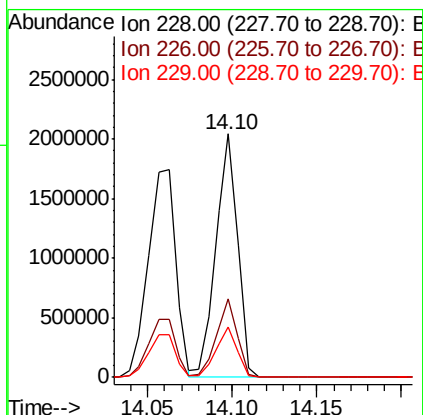
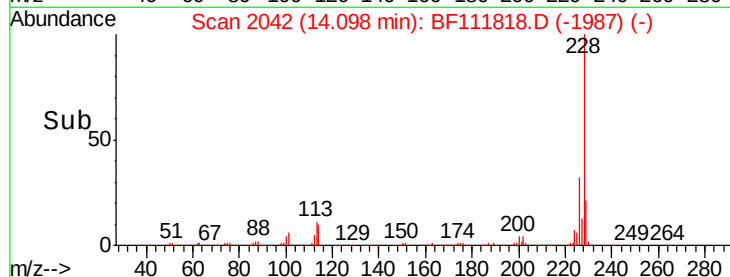
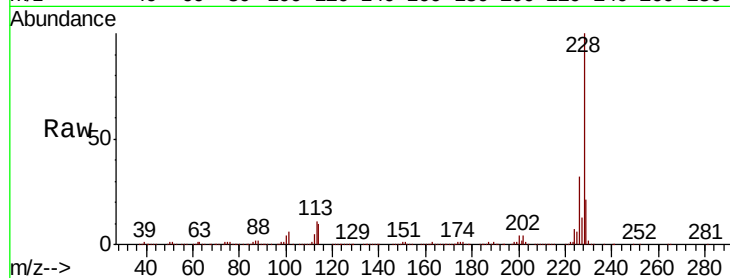




#83
 Chrysene
 Concen: 41.639 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

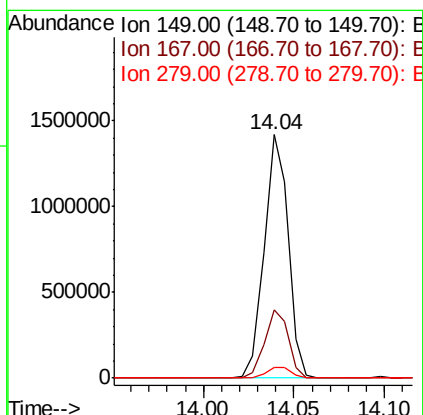
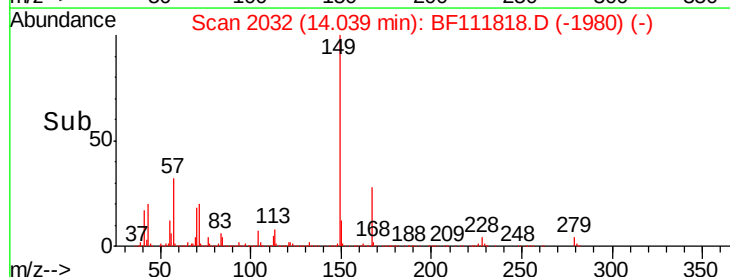
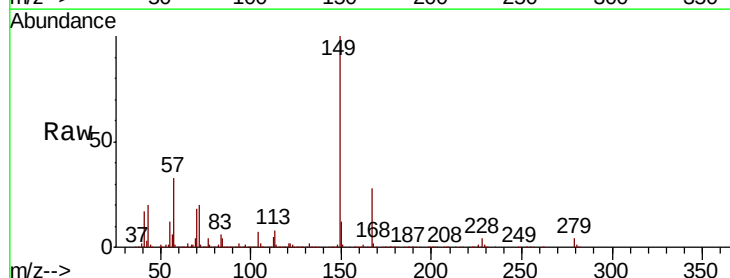
Instrument :
 BNA_F
 ClientSampleId :

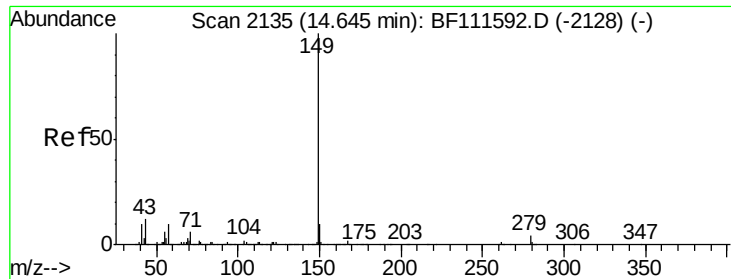
Tot Ion:228 Resp: 1843063
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.3 37.9
 229 20.5 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.670 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:149 Resp: 1306734
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.5 33.7
 279 4.4 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 45.046 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Instrument :

BNA_F

ClientSampleId :

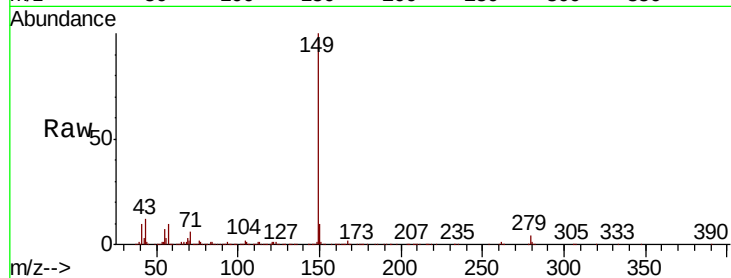
Tot Ion:149 Resp: 1996949

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

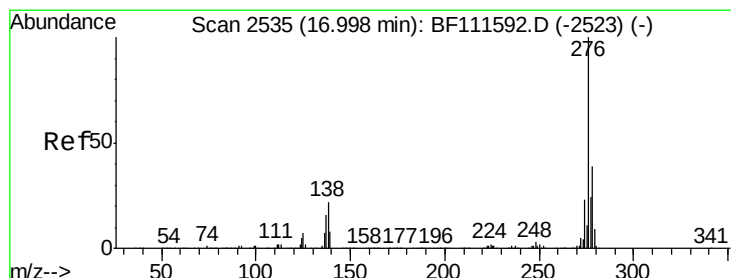
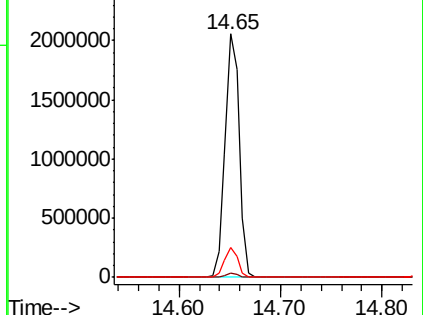
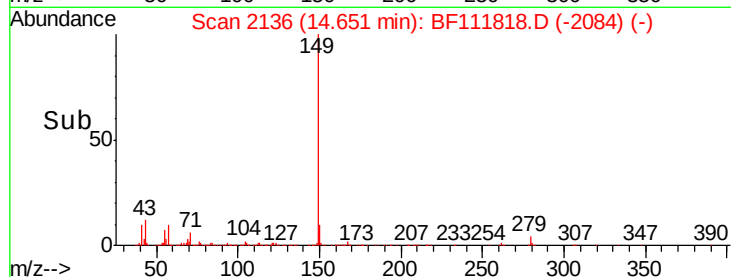
43 11.4 10.9 16.3



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: 40.447 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.06 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

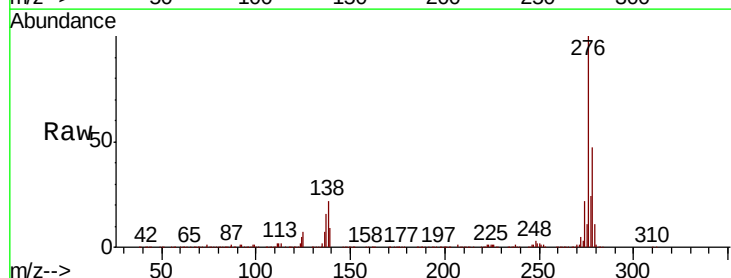
Tgt Ion:276 Resp: 1521928

Ion Ratio Lower Upper

276 100

138 23.6 27.8 41.6#

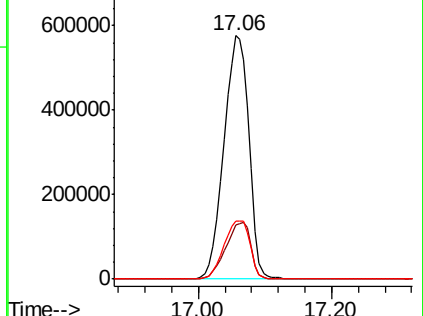
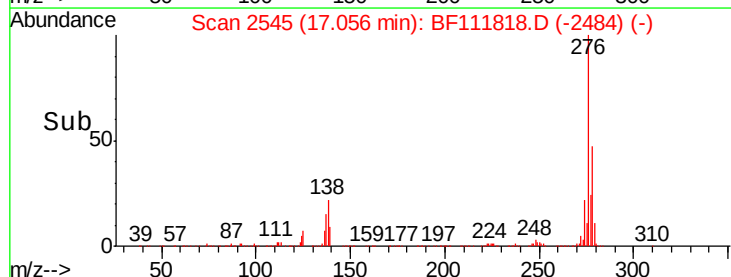
277 25.0 20.1 30.1

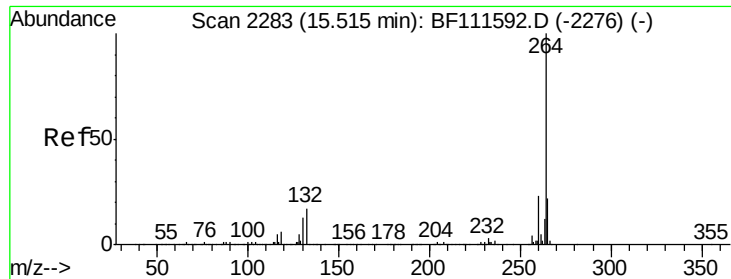


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

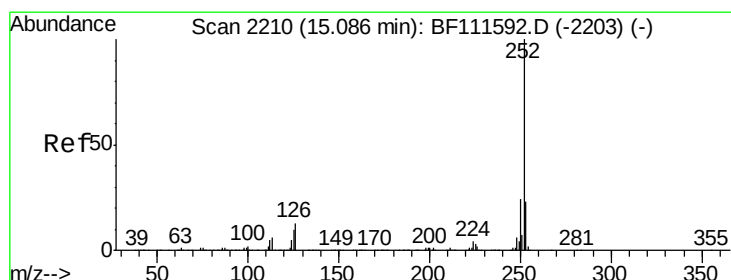
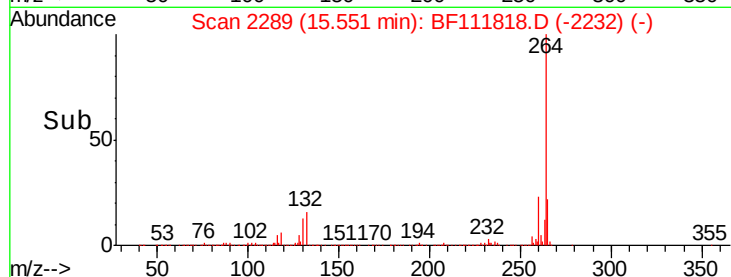
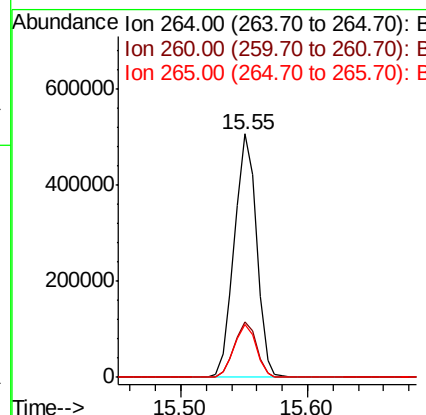
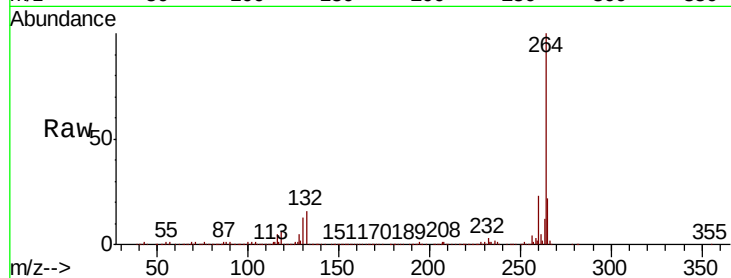




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.04 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

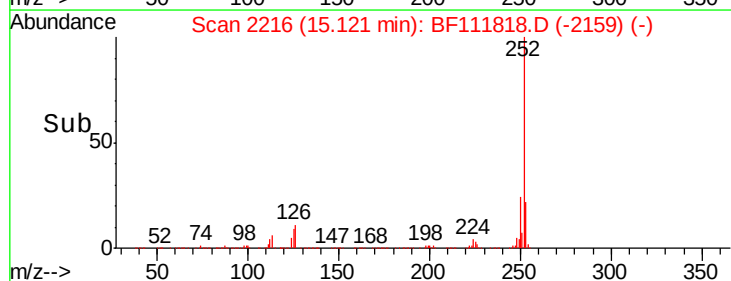
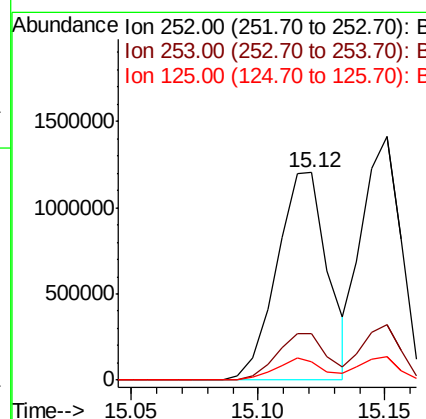
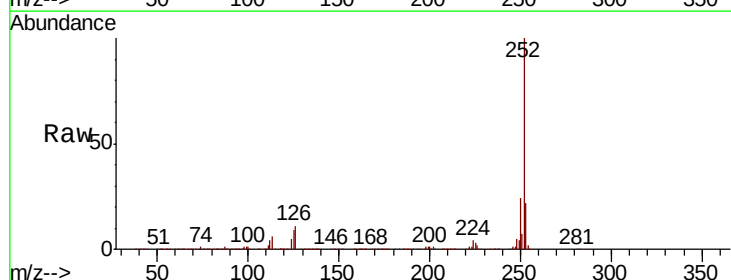
Instrument :
 BNA_F
 ClientSampleId :

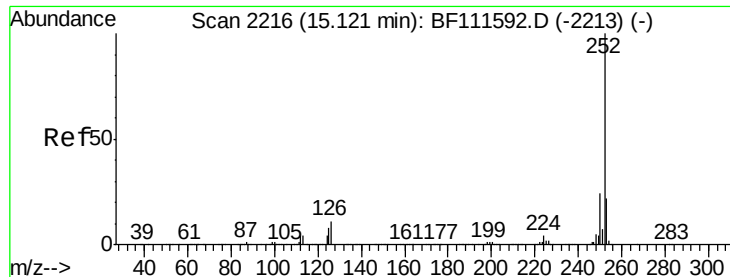
Tot Ion:264 Resp: 611024
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 21.6 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 47.278 ng
 RT: 15.12 min Scan# 2216
 Delta R.T. 0.04 min
 Lab File: BF111818.D
 Acq: 3 Jan 2019 13:57

Tgt Ion:252 Resp: 1688347
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.2 27.2
 125 8.8 10.4 15.6#

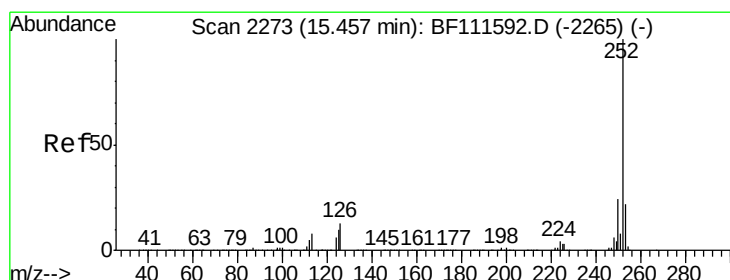
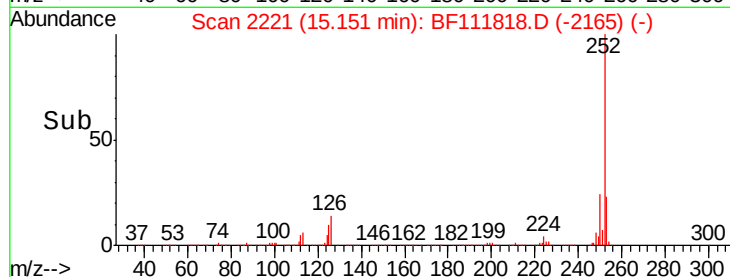
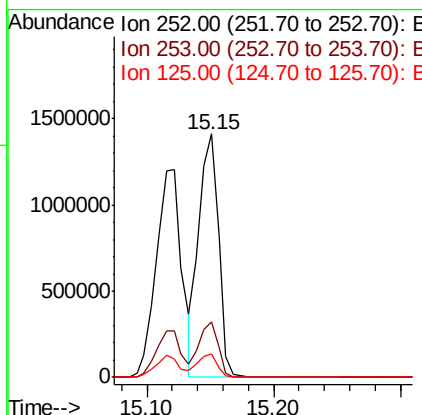
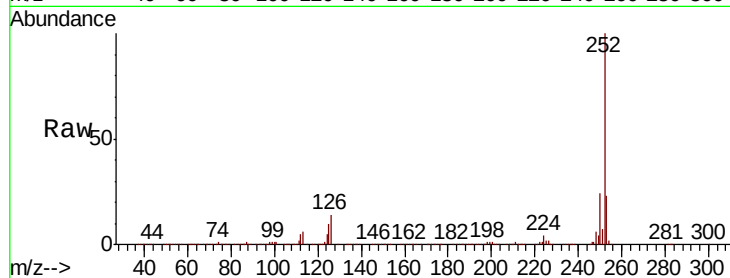




#89
Benzo(k)fluoranthene
Concen: 44.629 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

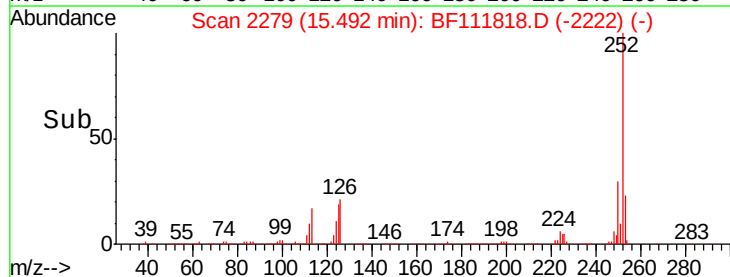
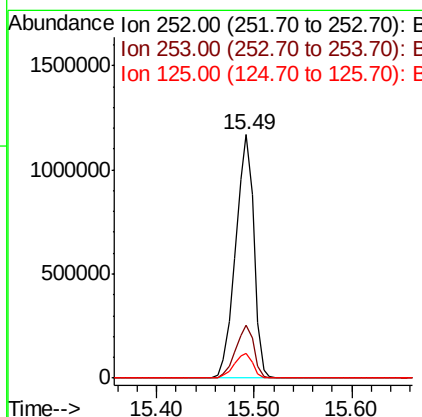
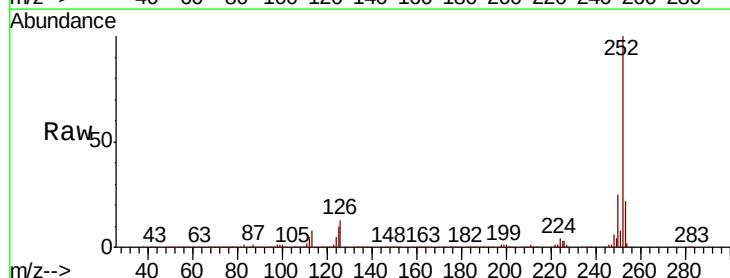
Instrument :
BNA_F
ClientSampleId :

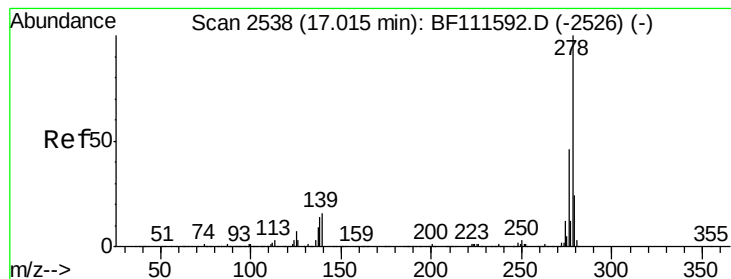
Tot Ion:252 Resp: 1517280
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 9.7 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 46.827 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111818.D
Acq: 3 Jan 2019 13:57

Tgt Ion:252 Resp: 1519241
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.4 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 44.279 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.06 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

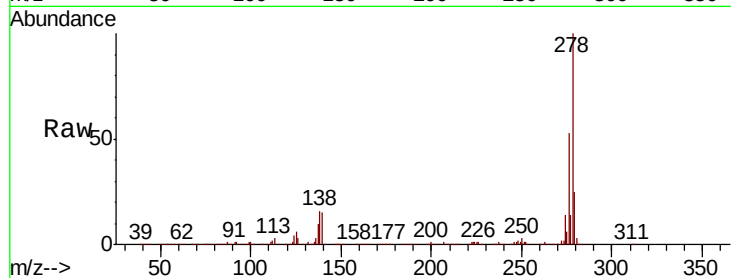
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1257971

Ion	Ratio	Lower	Upper
278	100		
139	15.2	18.2	27.4#
279	25.1	19.0	28.6

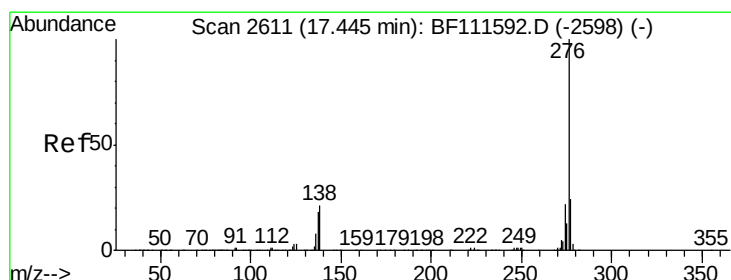
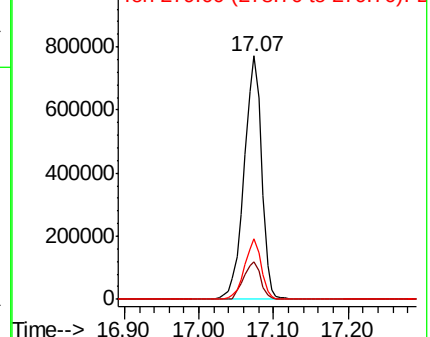
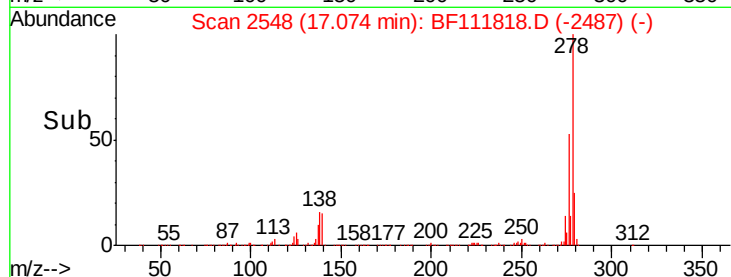


Abundance

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: 45.333 ng

RT: 17.52 min Scan# 2623

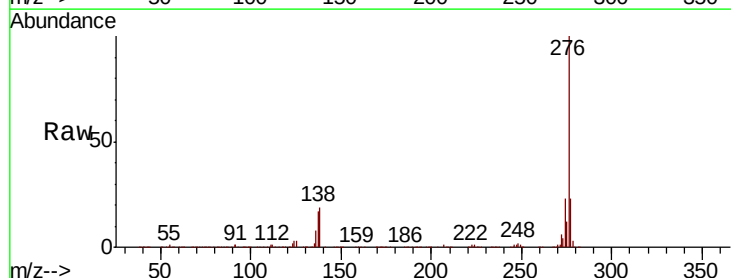
Delta R.T. 0.07 min

Lab File: BF111818.D

Acq: 3 Jan 2019 13:57

Tgt Ion:276 Resp: 1257612

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	19.3	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

