

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111109.D
 Acq On : 5 Dec 2018 15:18
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 15:54:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 15:25:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	577654	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2365286	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1081567	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1824711	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1064352	20.00	ng	0.00
87) Perylene-d12	15.39	264	944122	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	3417320	98.10	ng	0.00
7) Phenol-d6	6.44	99	4392532	96.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	3957688	95.76	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	817222	76.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	5674184	76.01	ng	0.00
79) Terphenyl-d14	12.91	244	4921596	90.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	1019541	61.092	ng	# 82
3) Pyridine	3.28	79	2309771	63.206	ng	# 71
4) n-Nitrosodimethylamine	3.22	42	1143647	68.393	ng	# 79
6) Aniline	6.47	93	3013774	53.705	ng	# 55
8) 2-Chlorophenol	6.59	128	1967141	47.651	ng	94
9) Benzaldehyde	6.35	77	1195974	49.358	ng	98
10) Phenol	6.45	94	2565165	50.177	ng	# 71
11) bis(2-Chloroethyl)ether	6.55	93	1966589	51.061	ng	90
12) 1,3-Dichlorobenzene	6.75	146	2106810	46.455	ng	97
13) 1,4-Dichlorobenzene	6.82	146	2134372	45.765	ng	97
14) 1,2-Dichlorobenzene	6.98	146	1941403	44.229	ng	97
15) Benzyl Alcohol	6.95	79	1795453	51.467	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	3882413	63.341	ng	65
17) 2-Methylphenol	7.06	107	1672236	50.947	ng	# 82
18) Hexachloroethane	7.32	117	817308	47.641	ng	89
19) n-Nitroso-di-n-propylamine	7.23	70	1511589	51.120	ng	# 84
20) 3+4-Methylphenols	7.22	107	1926604	44.156	ng	# 75
22) Acetophenone	7.22	105	2599906	46.894	ng	# 91
24) Nitrobenzene	7.39	77	2121754	49.368	ng	97
25) Isophorone	7.63	82	3479441	51.324	ng	96
26) 2-Nitrophenol	7.70	139	971758	46.539	ng	93
27) 2,4-Dimethylphenol	7.74	122	1611391	51.101	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	2321392	51.112	ng	99
29) 2,4-Dichlorophenol	7.94	162	1629267	49.376	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	1601203	43.300	ng	94
31) Naphthalene	8.11	128	4853875	43.778	ng	# 92
32) Benzoic acid	7.87	122	1210589	51.637	ng	94
33) 4-Chloroaniline	8.16	127	2299627	48.730	ng	98
34) Hexachlorobutadiene	8.23	225	881227	41.839	ng	100
35) Caprolactam	8.54	113	589984	52.372	ng	# 71
36) 4-Chloro-3-methylphenol	8.64	107	1759522	47.992	ng	96
37) 2-Methylnaphthalene	8.80	142	3233814	44.158	ng	99
38) 1-Methylnaphthalene	8.80	142	3233814	45.398	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1342843	39.468	ng	# 97

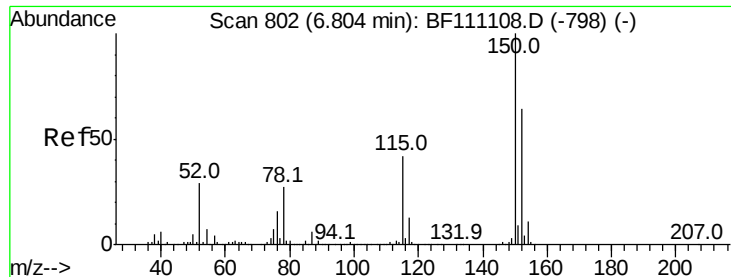
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111109.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	766991	224.033	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	1037031	51.034	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	1030153	48.146	nq	# 93
46) 1,1'-Biphenyl	9.27	154	4028193	40.397	nq	91
47) 2-Chloronaphthalene	9.29	162	3192955	44.163	nq	94
48) 2-Nitroaniline	9.38	65	1139658	50.396	nq	97
49) Acenaphthylene	9.70	152	4580550	44.555	nq	# 91
50) Dimethylphthalate	9.57	163	3511948	44.274	nq	97
51) 2,6-Dinitrotoluene	9.62	165	839297	47.528	nq	93
52) Acenaphthene	9.88	154	2926293	44.401	nq	97
53) 3-Nitroaniline	9.79	138	1030833	50.085	nq	93
54) 2,4-Dinitrophenol	9.89	184	236530	42.137	nq	# 1
55) Dibenzofuran	10.05	168	4152574	43.189	nq	97
56) 4-Nitrophenol	9.94	139	789484	76.912	nq	91
57) 2,4-Dinitrotoluene	10.02	165	1062976	46.396	nq	96
58) Fluorene	10.39	166	2898420	38.745	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	783064	44.595	nq	# 86
60) Diethylphthalate	10.27	149	3548517	43.381	nq	97
61) 4-Chlorophenyl-phenylether	10.38	204	1453355	37.144	nq	89
62) 4-Nitroaniline	10.40	138	946126	49.372	nq	91
63) Azobenzene	10.55	77	3688814	46.267	nq	89
65) 4,6-Dinitro-2-methylphenol	10.43	198	402404	46.620	nq	# 77
66) n-Nitrosodiphenylamine	10.50	169	2945415	48.489	nq	92
67) 4-Bromophenyl-phenylether	10.87	248	908022	45.692	nq	93
68) Hexachlorobenzene	10.94	284	927949	43.839	nq	# 86
69) Atrazine	11.03	200	674901	43.173	nq	99
70) Pentachlorophenol	11.13	266	662712	78.694	nq	99
71) Phenanthrene	11.35	178	4080743	42.225	nq	95
72) Anthracene	11.40	178	4126334	41.926	nq	93
73) Carbazole	11.55	167	4275223	44.754	nq	93
74) Di-n-butylphthalate	11.89	149	4712963	42.197	nq	# 95
75) Fluoranthene	12.53	202	3988077	40.151	nq	93
77) Benzidine	12.65	184	1389545	51.041	nq	99
78) Pyrene	12.76	202	4057781	52.199	nq	95
80) Butylbenzylphthalate	13.39	149	2057382	58.620	nq	98
81) Benzo(a)anthracene	13.94	228	2953265	46.998	nq	97
82) 3,3'-Dichlorobenzidine	13.91	252	1144261	53.107	nq	99
83) Chrysene	13.98	228	2960541	47.860	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	2378929	50.869	nq	94
85) Di-n-octyl phthalate	14.56	149	3695680	50.063	nq	# 86
86) Indeno(1,2,3-cd)pyrene	17.22	276	2168918	48.847	nq	# 92
88) Benzo(b)fluoranthene	14.97	252	2491514	44.922	nq	# 95
89) Benzo(k)fluoranthene	15.00	252	2485363	43.536	nq	# 94
90) Benzo(a)pyrene	15.33	252	2371179	45.929	nq	# 96
91) Dibenzo(a,h)anthracene	16.82	278	2158357	50.670	nq	# 94
92) Benzo(g,h,i)perylene	17.22	276	2168918	52.809	nq	# 91

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

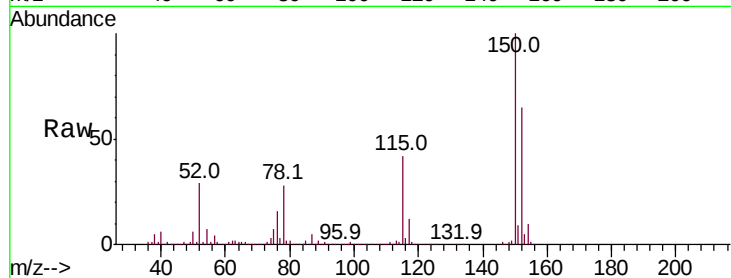


#1

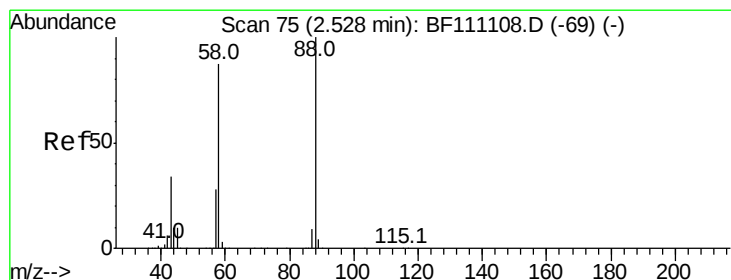
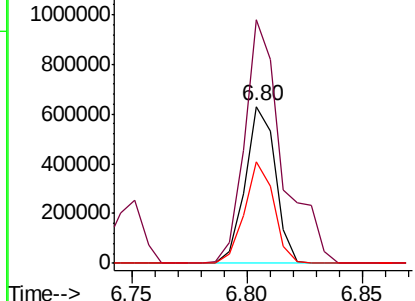
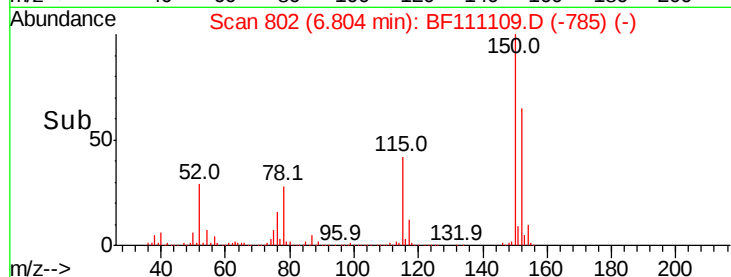
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 577654
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 64.9 49.1 73.7



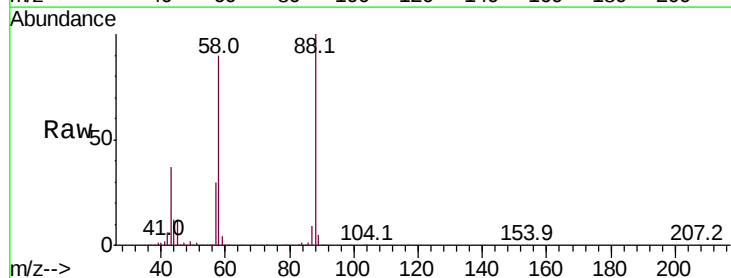
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



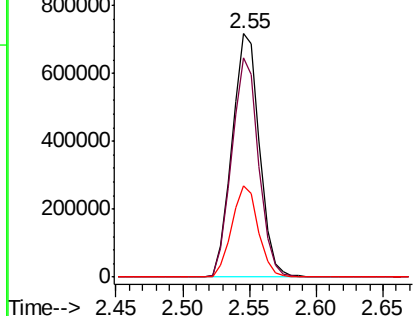
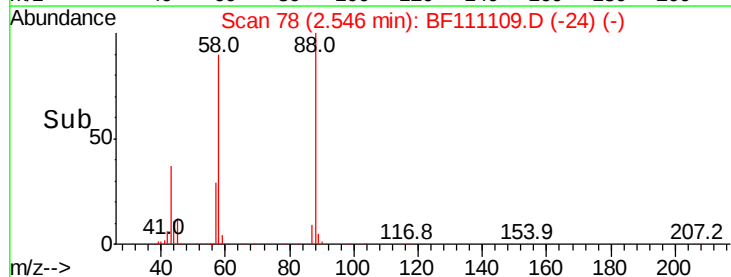
#2

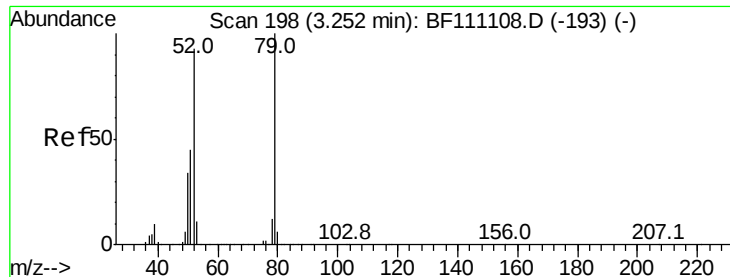
1,4-Dioxane
Concen: 61.092 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion: 88 Resp: 1019541
Ion Ratio Lower Upper
88 100
58 88.9 57.1 85.7#
43 36.5 24.1 36.1#



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: 63.206 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

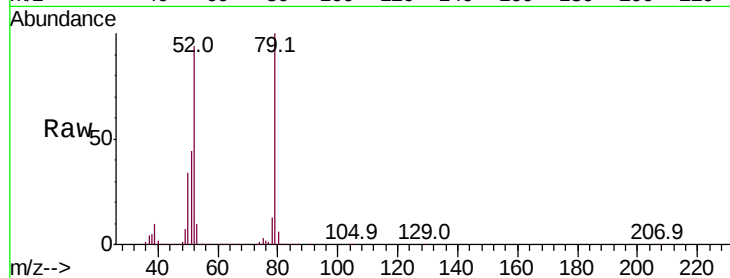
Tot Ion: 79 Resp: 2309771

Ion Ratio Lower Upper

79 100

52 93.7 53.1 79.7#

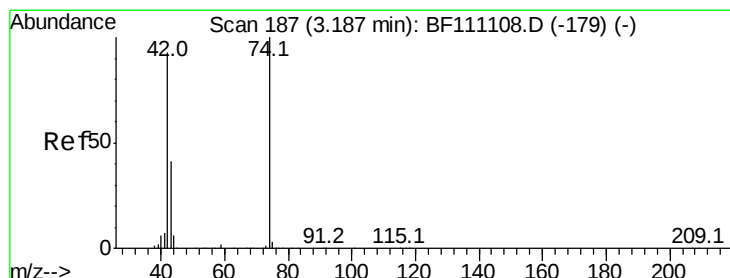
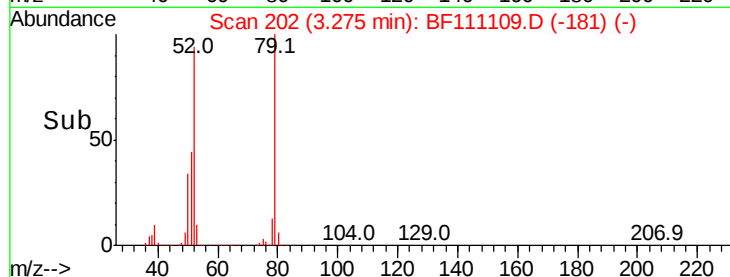
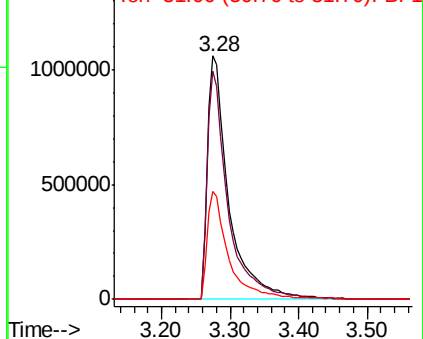
51 44.4 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 68.393 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

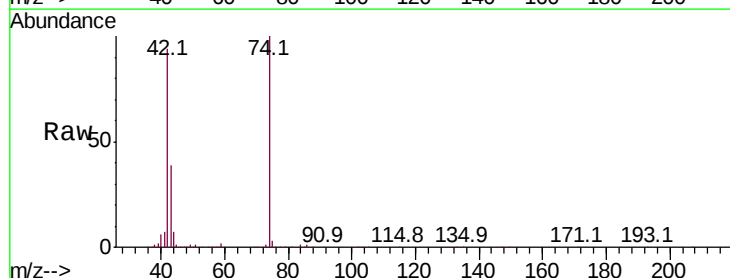
Tgt Ion: 42 Resp: 1143647

Ion Ratio Lower Upper

42 100

74 106.6 105.5 158.3

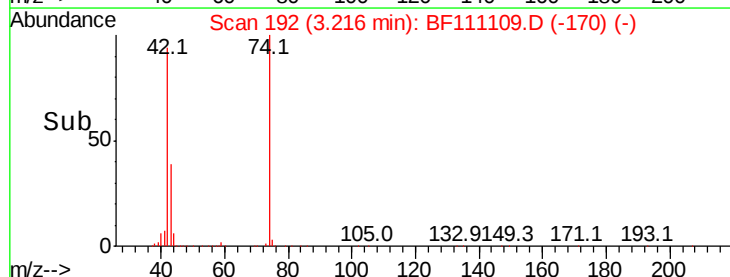
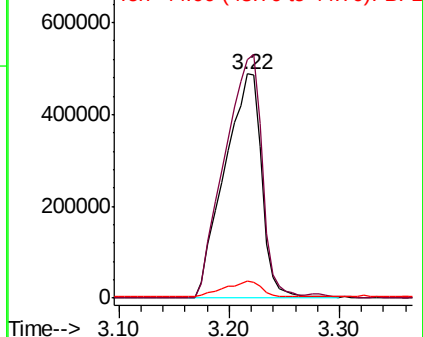
44 7.4 4.9 7.3#

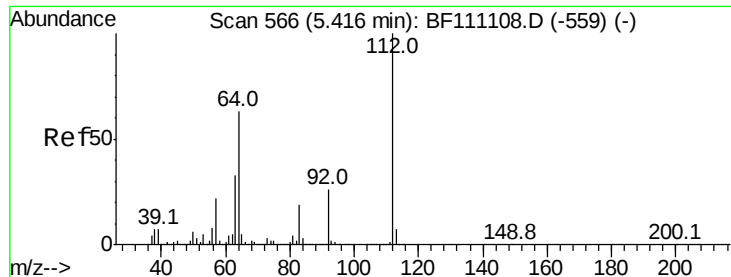


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.104 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

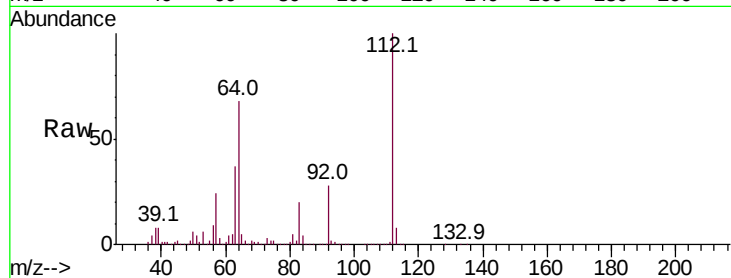
Tot Ion:112 Resp: 3417320

Ion Ratio Lower Upper

112 100

64 67.6 44.1 66.1#

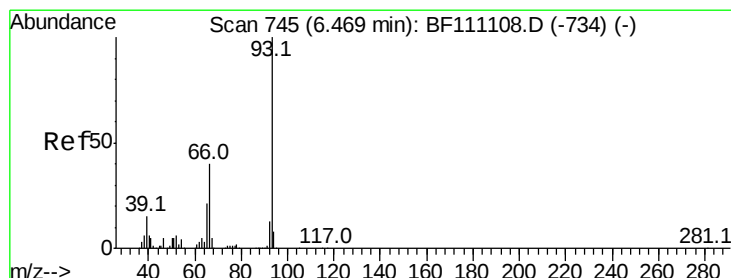
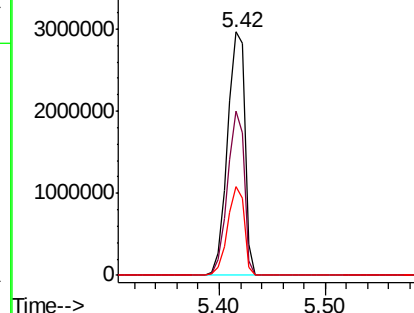
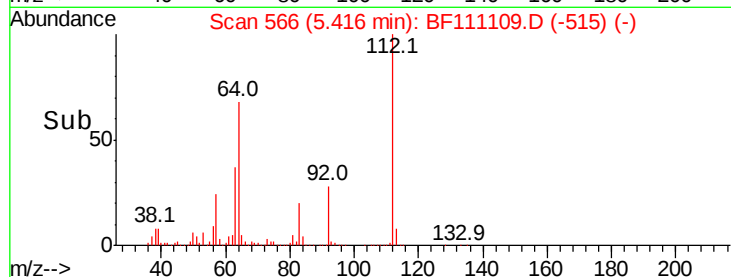
63 36.5 23.7 35.5#



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: 53.705 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

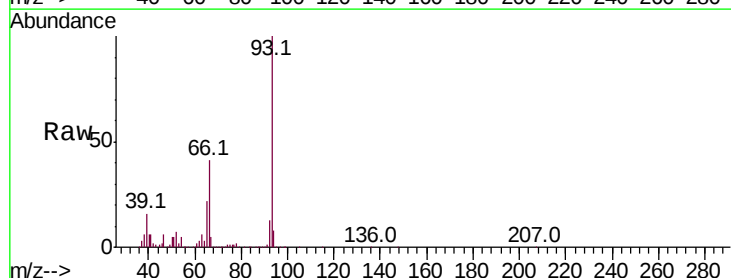
Tgt Ion: 93 Resp: 3013774

Ion Ratio Lower Upper

93 100

66 41.2 67.4 101.0#

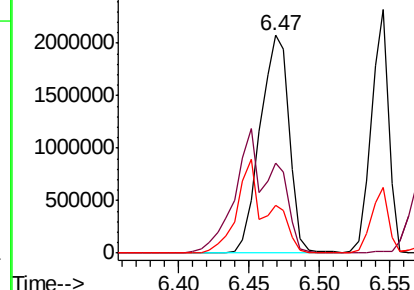
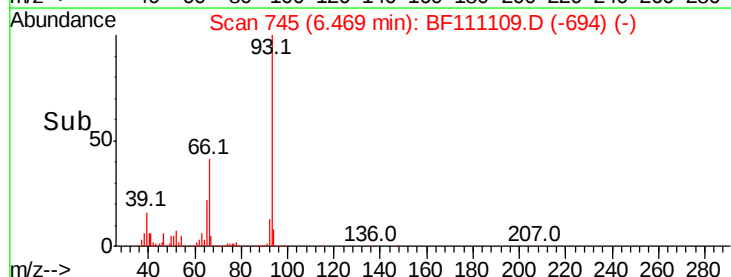
65 22.0 41.0 61.4#

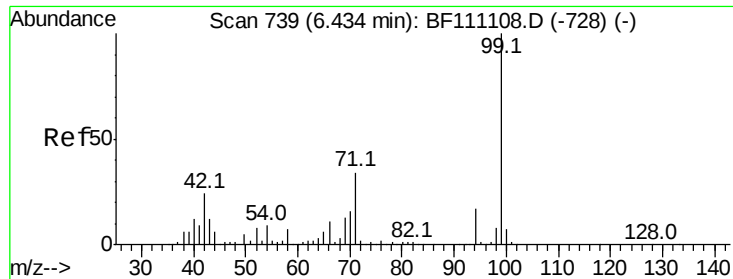


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.764 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

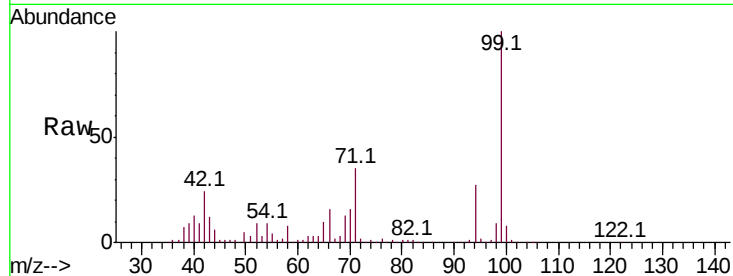
Instrument :

BNA_F

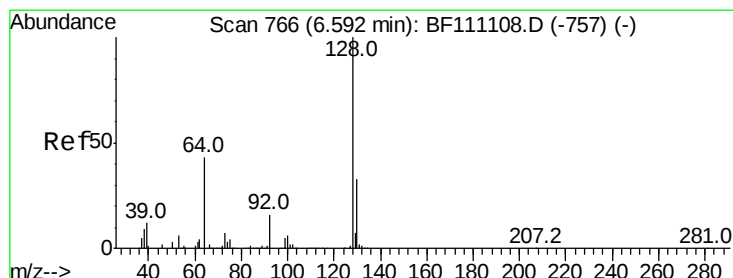
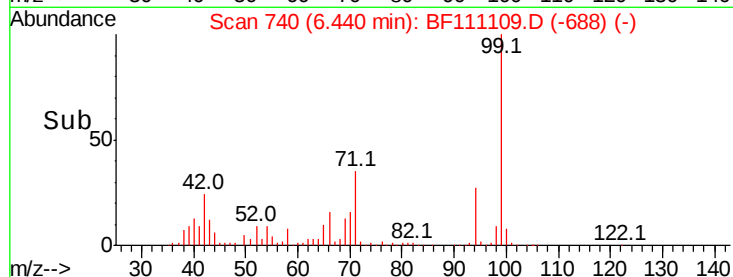
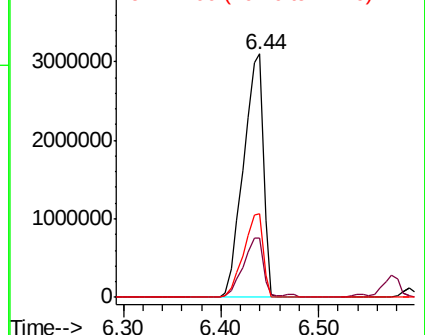
ClientSampleId :

Tot Ion: 99 Resp: 4392532

Ion	Ratio	Lower	Upper
99	100		
42	24.3	15.8	23.6#
71	34.5	28.0	42.0



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: 47.651 ng

RT: 6.59 min Scan# 766

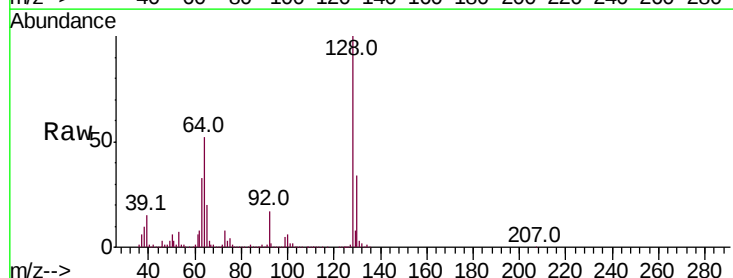
Delta R.T. 0.00 min

Lab File: BF111109.D

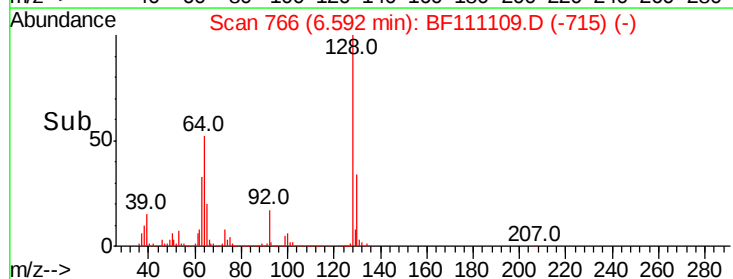
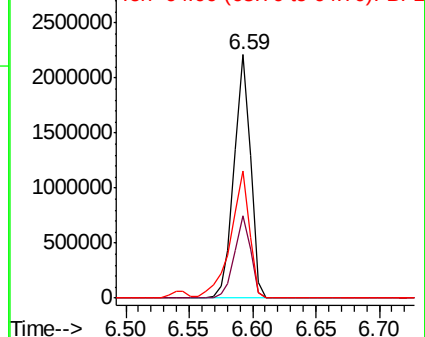
Acq: 5 Dec 2018 15:18

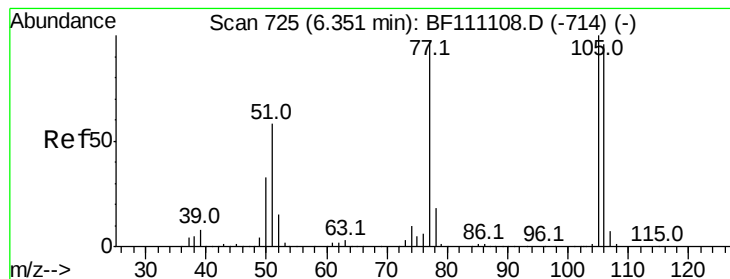
Tgt Ion:128 Resp: 1967141

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.1	53.1
64	52.2	26.0	66.0



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: 49.358 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

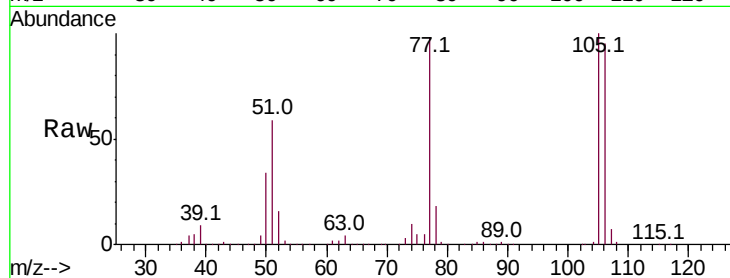
Tot Ion: 77 Resp: 1195974

Ion Ratio Lower Upper

77 100

105 101.8 78.6 118.6

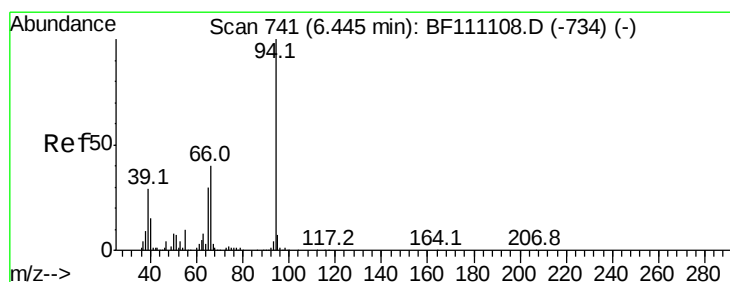
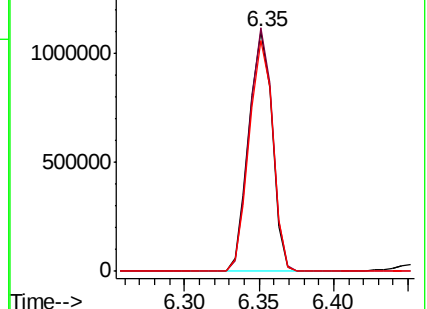
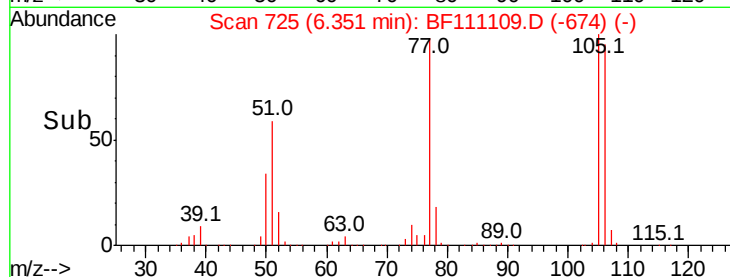
106 96.2 74.8 114.8



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: 50.177 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

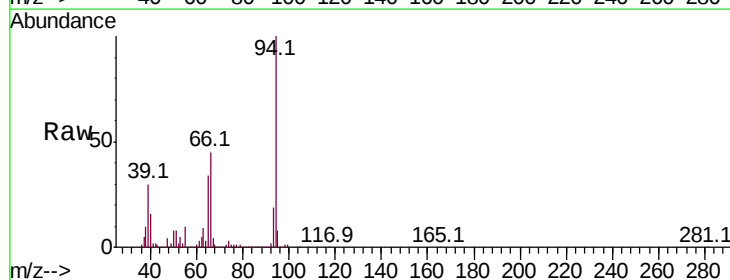
Tgt Ion: 94 Resp: 2565165

Ion Ratio Lower Upper

94 100

65 33.8 25.3 65.3

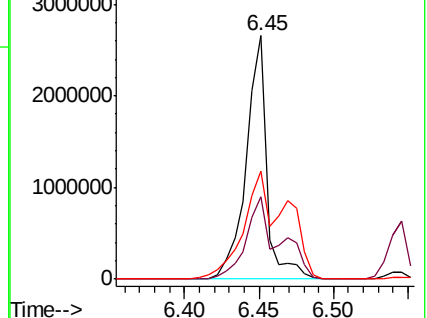
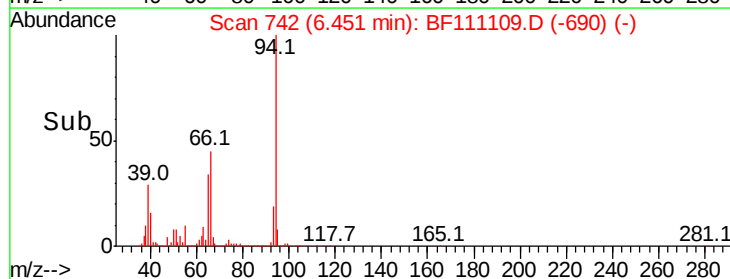
66 44.5 54.5 94.5#

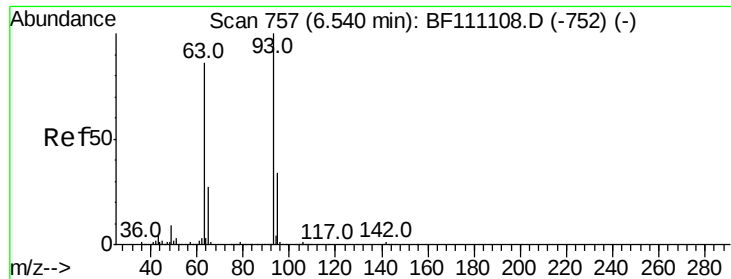


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

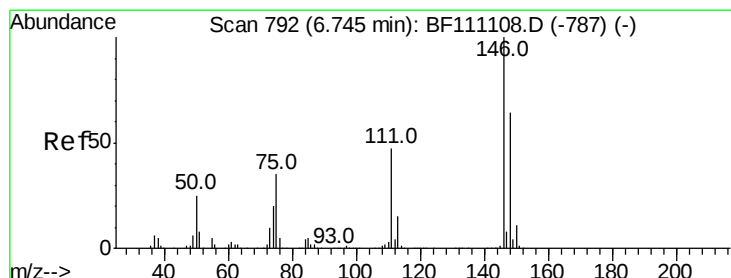
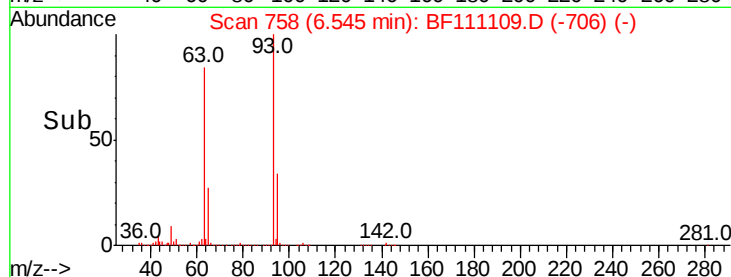
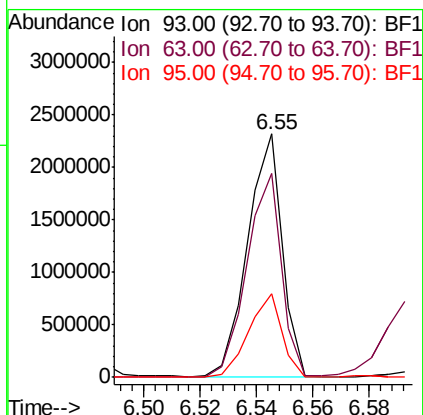
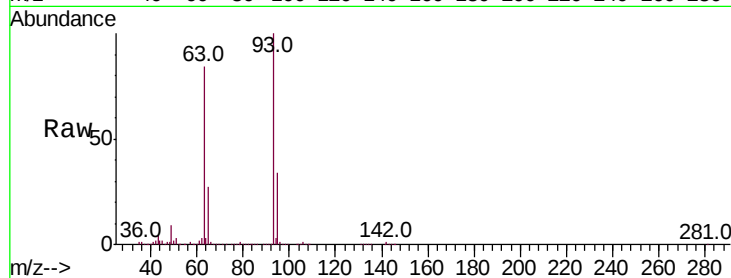




#11
bis(2-Chloroethyl)ether
Concen: 51.061 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

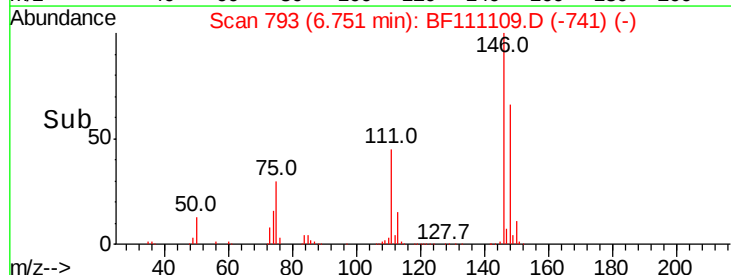
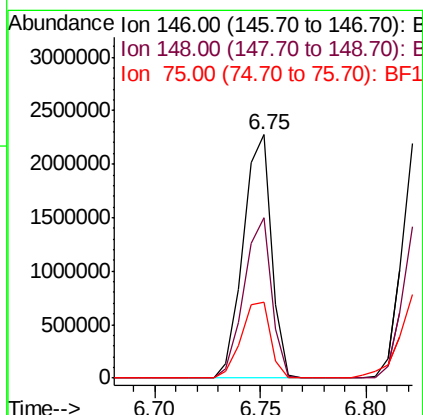
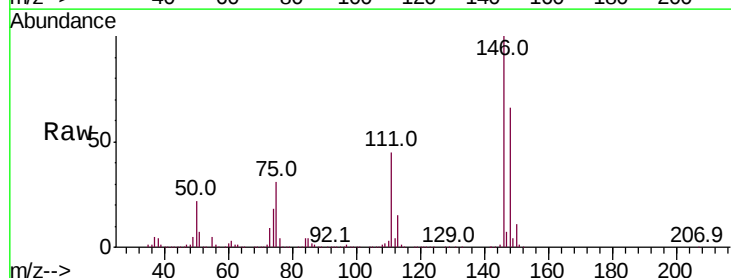
Instrument :
BNA_F
ClientSampleId :

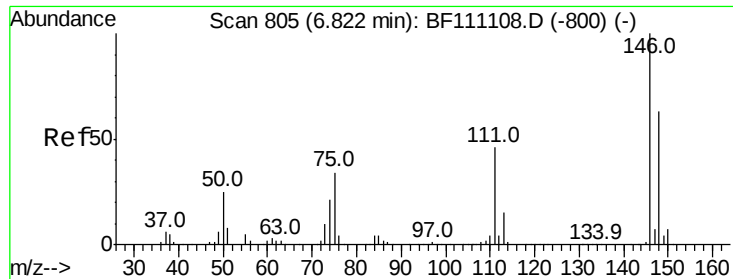
Tot Ion: 93 Resp: 1966589
Ion Ratio Lower Upper
93 100
63 83.9 53.4 93.4
95 34.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 46.455 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion: 146 Resp: 2106810
Ion Ratio Lower Upper
146 100
148 65.9 50.4 75.6
75 31.0 25.8 38.6

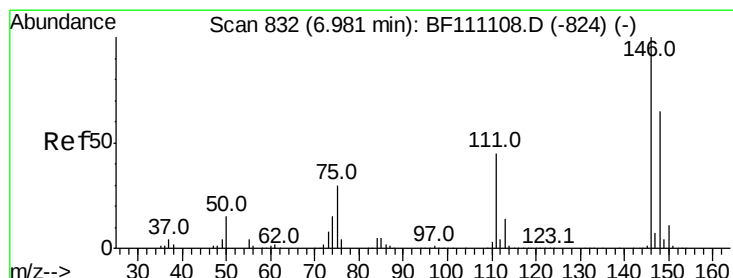
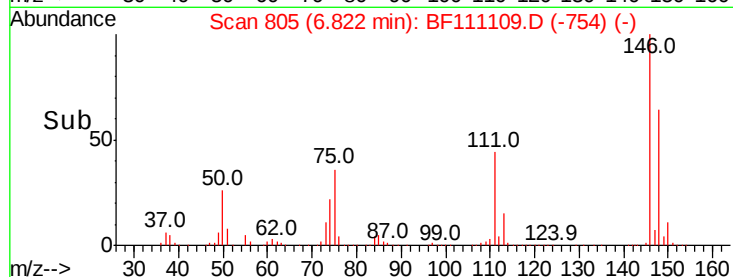
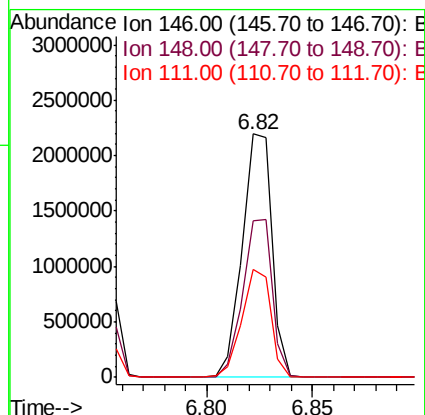
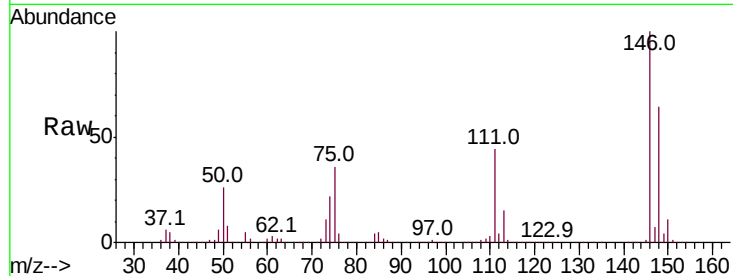




#13
1,4-Dichlorobenzene
Concen: 45.765 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

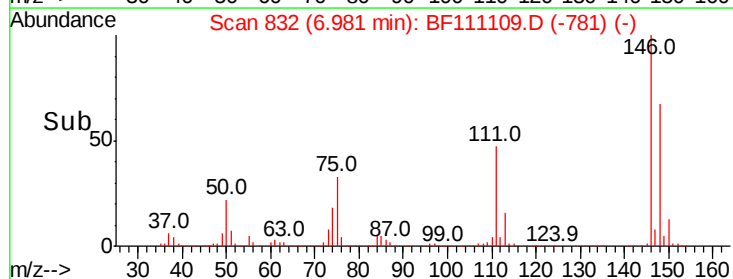
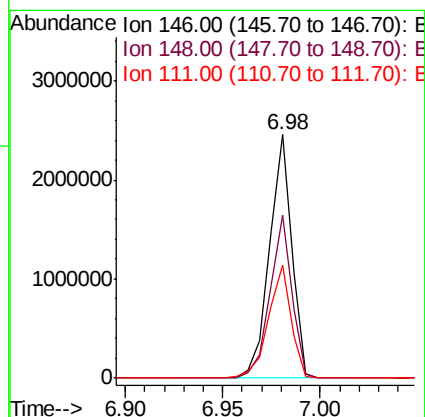
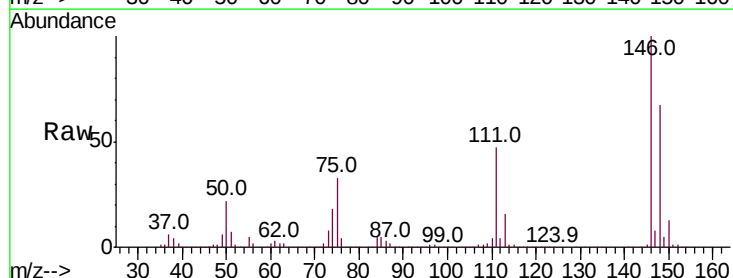
Instrument :
BNA_F
ClientSampled :

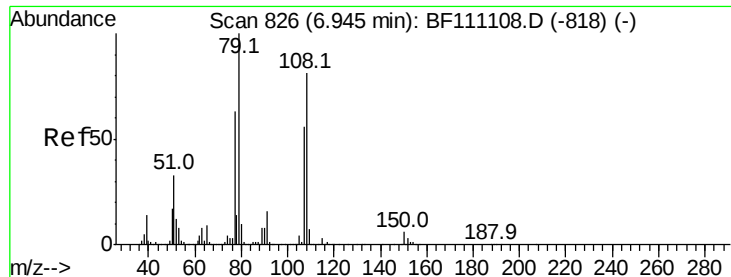
Tot Ion:146 Resp: 2134372
Ion Ratio Lower Upper
146 100
148 64.3 50.3 75.5
111 44.5 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 44.229 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:146 Resp: 1941403
Ion Ratio Lower Upper
146 100
148 66.9 51.1 76.7
111 46.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 51.467 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

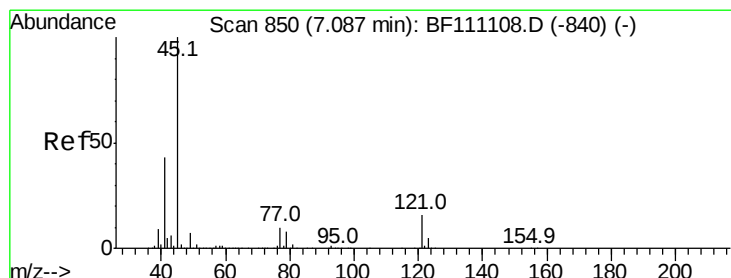
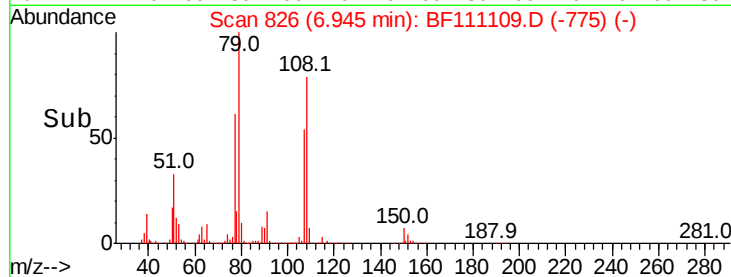
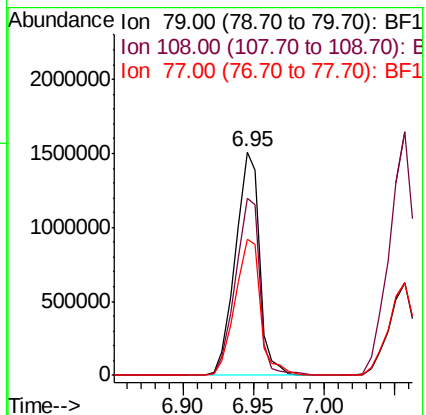
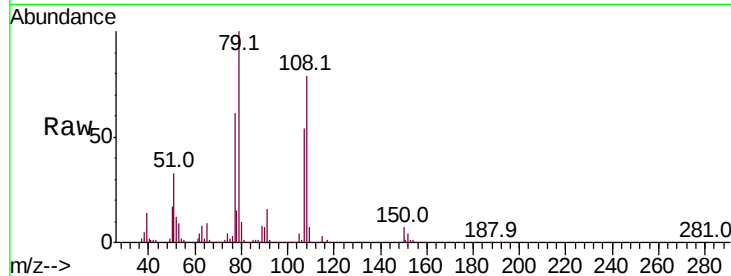
Tot Ion: 79 Resp: 1795453

Ion Ratio Lower Upper

79 100

108 79.1 56.3 84.5

77 61.0 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 63.341 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

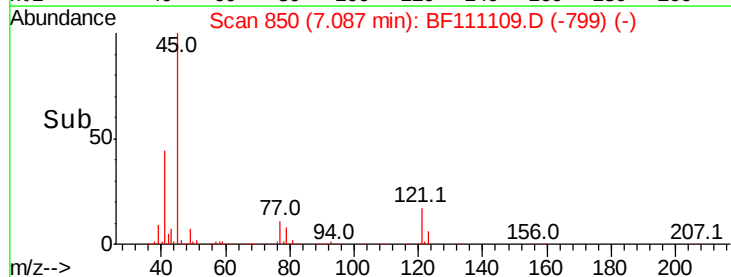
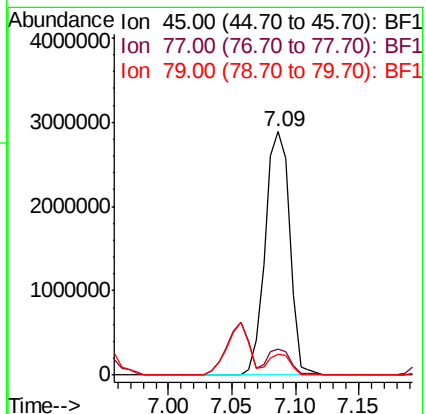
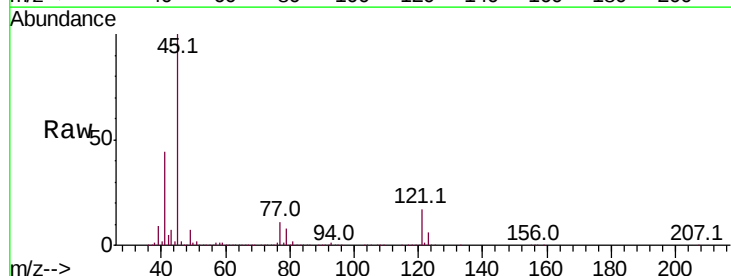
Tgt Ion: 45 Resp: 3882413

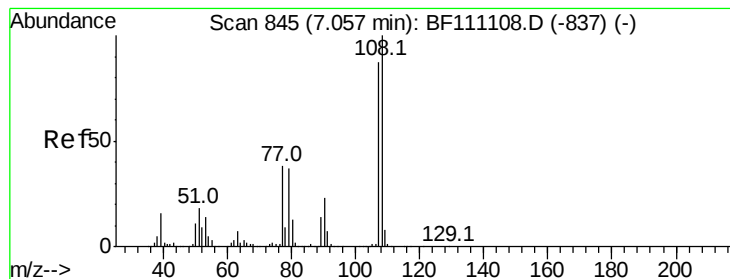
Ion Ratio Lower Upper

45 100

77 10.9 10.0 50.0

79 8.5 6.1 46.1

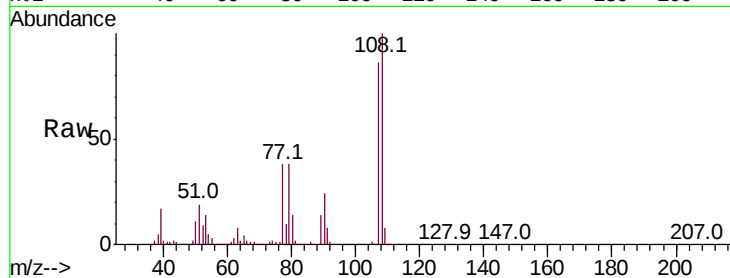




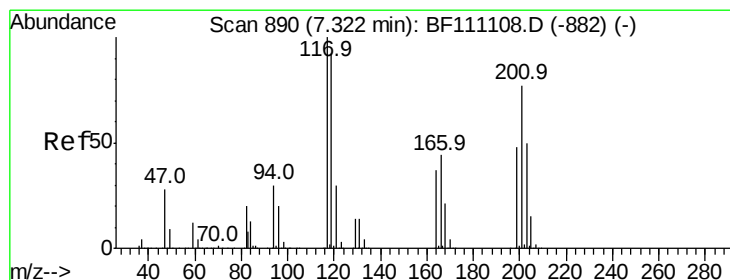
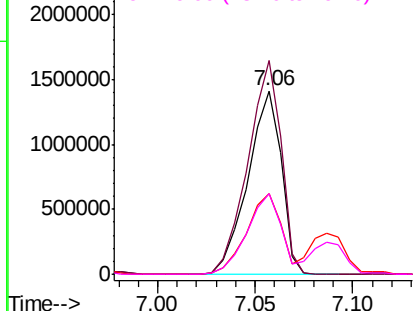
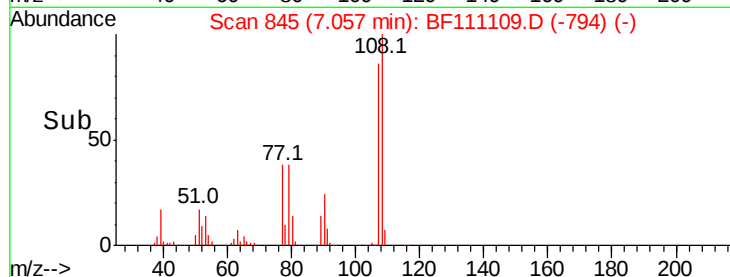
#17
2-Methylphenol
Concen: 50.947 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 1672236
Ion Ratio Lower Upper
107 100
108 116.6 92.6 138.8
77 44.4 59.4 89.2#
79 44.3 54.0 81.0#

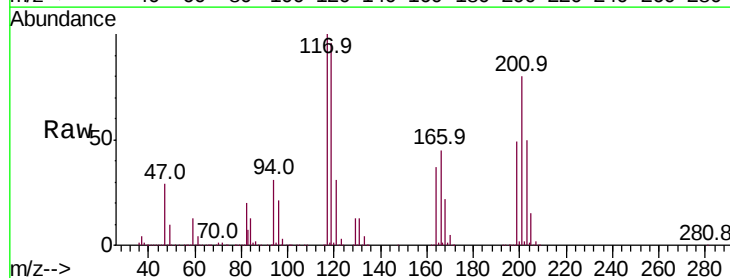


Abundance Ion 107.00 (106.70 to 107.70): E
2500000 Ion 108.00 (107.70 to 108.70): E
2000000 Ion 77.00 (76.70 to 77.70): BF1
1500000 Ion 79.00 (78.70 to 79.70): BF1

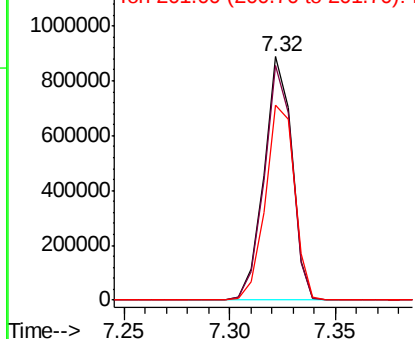
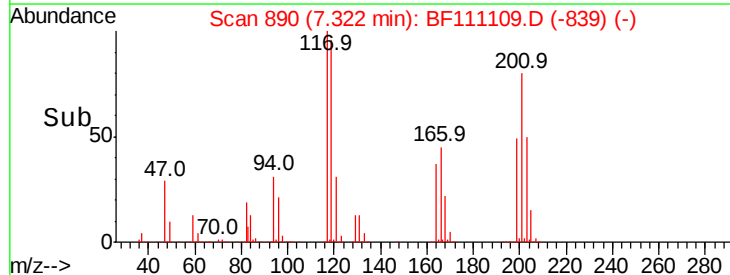


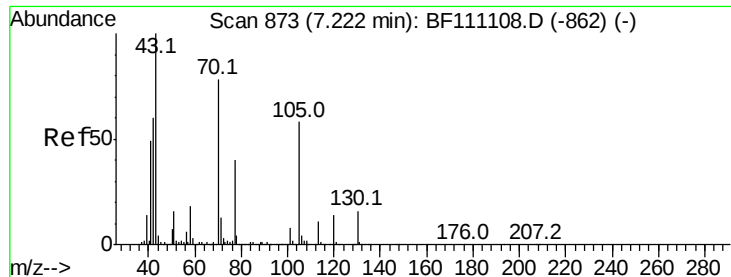
#18
Hexachloroethane
Concen: 47.641 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:117 Resp: 817308
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6
201 80.0 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
1200000 Ion 119.00 (118.70 to 119.70): E
1000000 Ion 201.00 (200.70 to 201.70): E

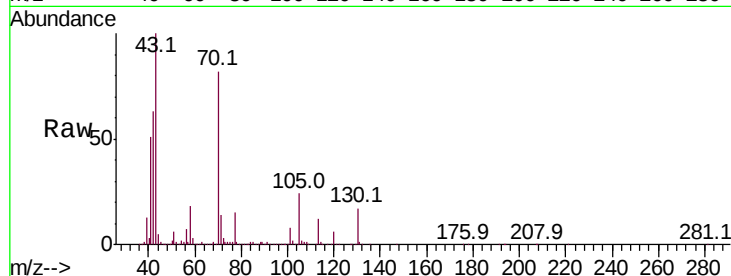




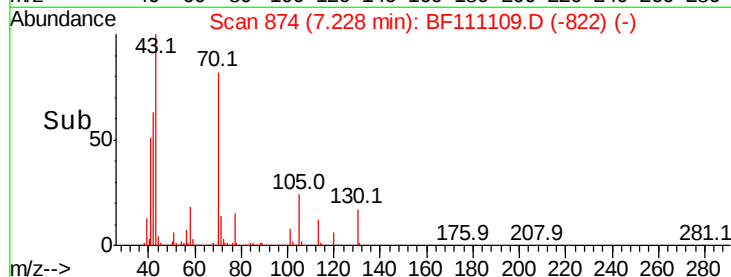
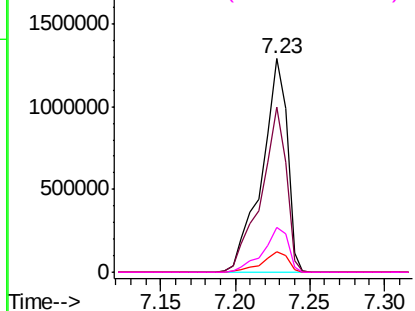
#19
n-Nitroso-di-n-propylamine
Concen: 51.120 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1511589
Ion Ratio Lower Upper
70 100
42 77.0 47.4 71.2#
101 9.9 7.3 10.9
130 20.9 16.2 24.2



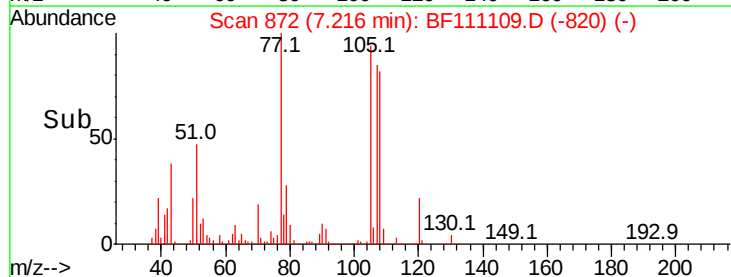
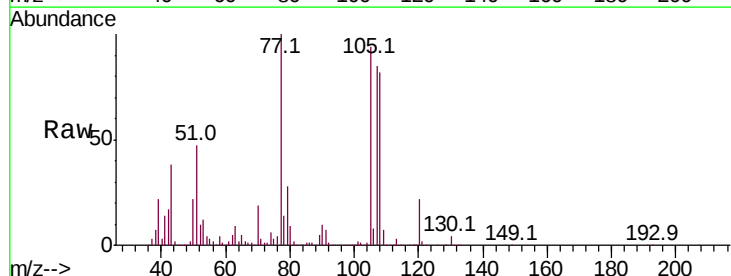
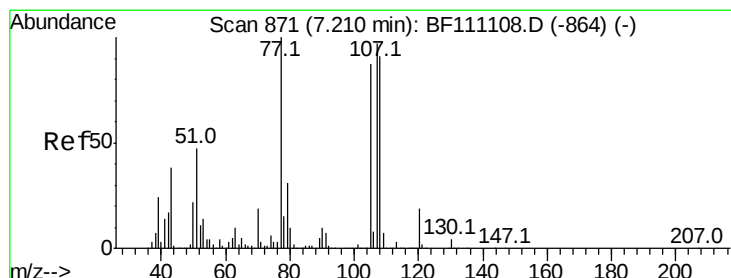
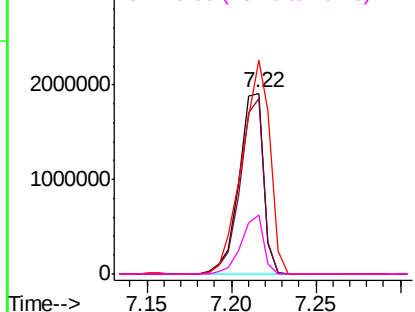
Abundance Ion 70.00 (69.70 to 70.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

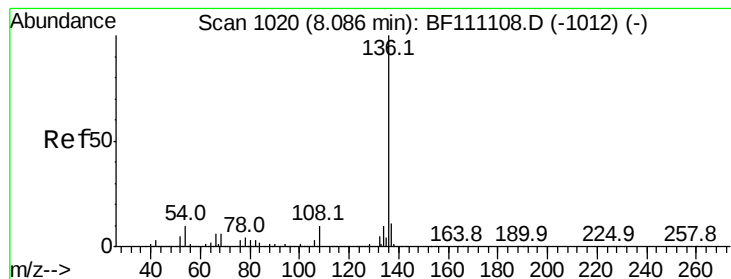


#20
3+4-Methylphenols
Concen: 44.156 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:107 Resp: 1926604
Ion Ratio Lower Upper
107 100
108 96.6 71.4 111.4
77 118.0 47.3 87.3#
79 32.5 10.9 50.9

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

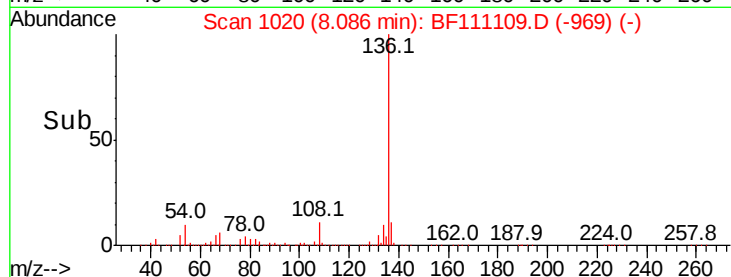
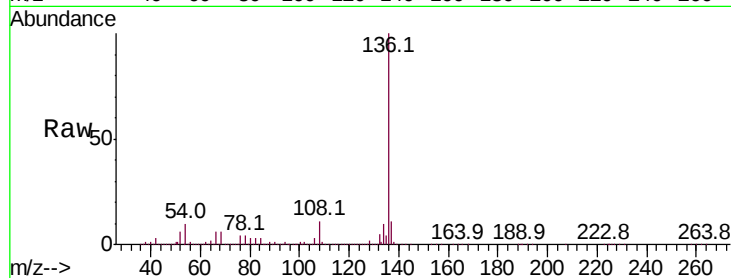
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2365286

Ion Ratio Lower Upper

136	100		
137	11.2	8.8	13.2
54	10.4	5.4	8.2#
68	6.1	4.2	6.2

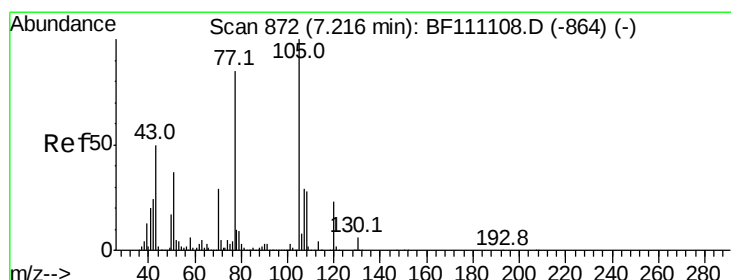
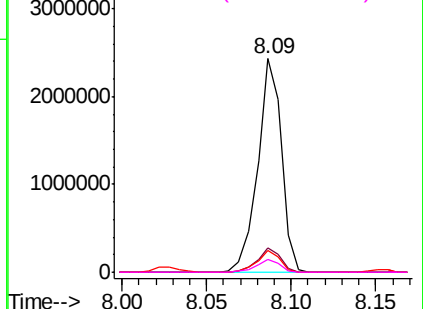


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.894 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

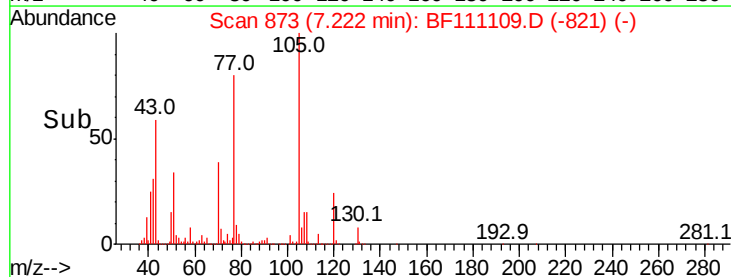
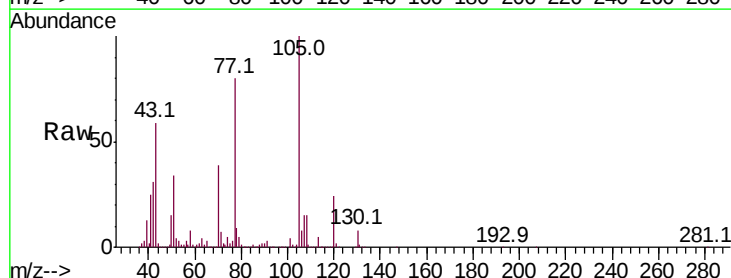
Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion:105 Resp: 2599906

Ion Ratio Lower Upper

105	100		
71	6.6	5.2	7.8
51	34.3	21.8	32.8#
120	23.6	17.0	25.4

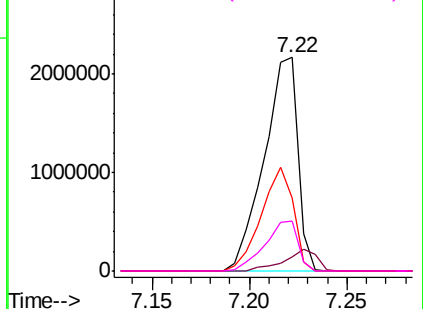


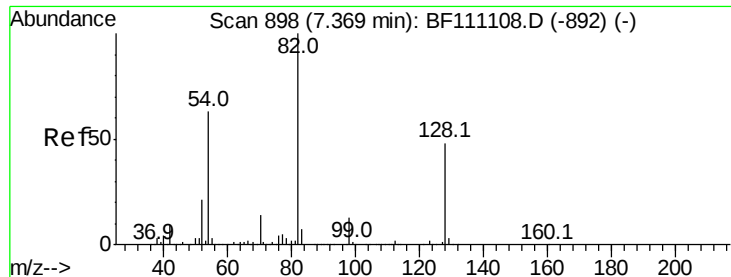
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

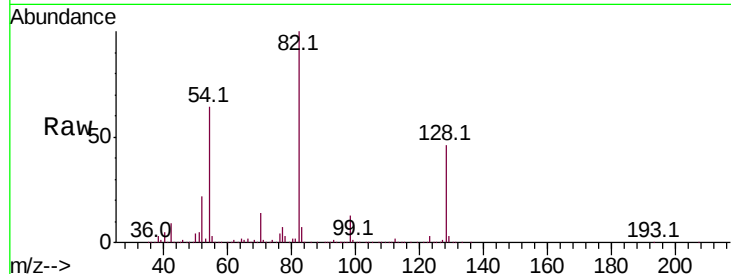




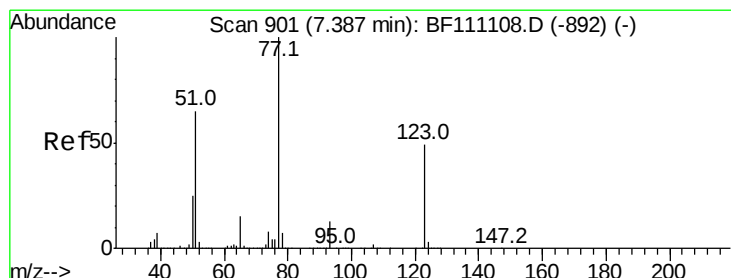
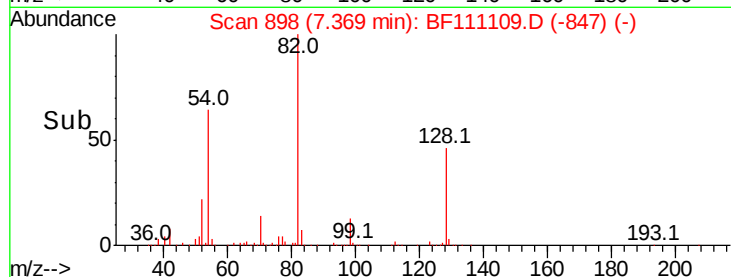
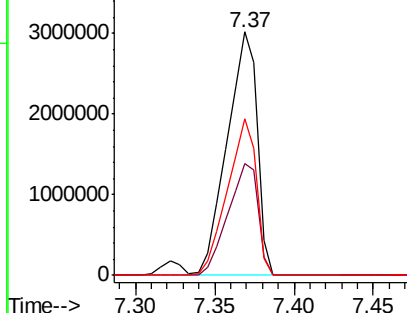
#23
Nitrobenzene-d5
Concen: 95.761 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3957688
Ion Ratio Lower Upper
82 100
128 46.0 34.2 51.2
54 64.3 38.6 58.0#

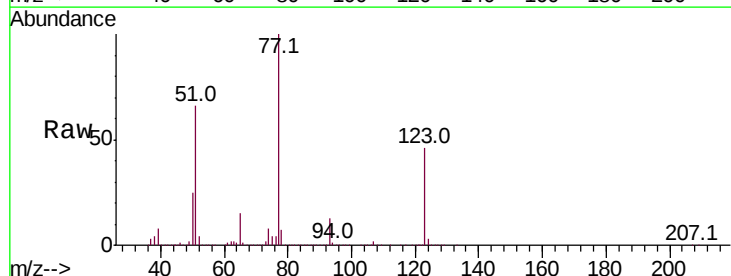


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

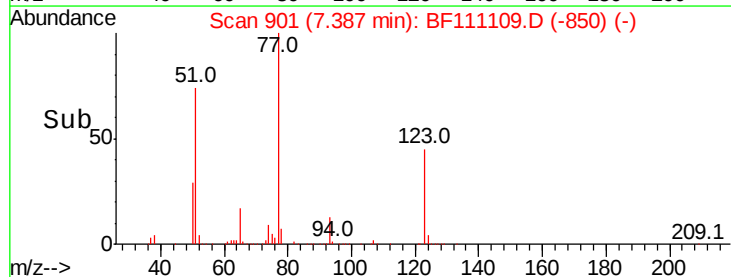
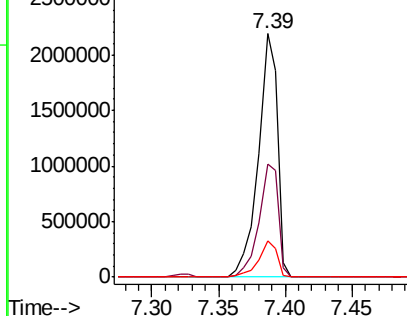


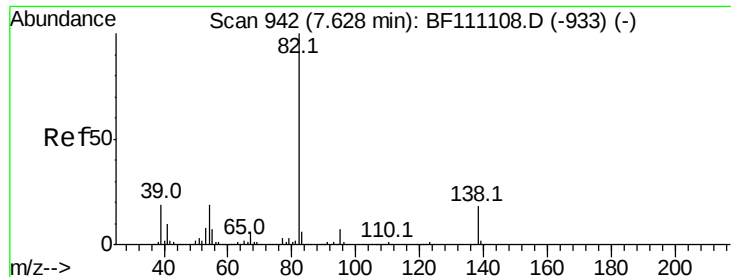
#24
Nitrobenzene
Concen: 49.368 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion: 77 Resp: 2121754
Ion Ratio Lower Upper
77 100
123 46.3 35.7 53.5
65 14.8 10.7 16.1



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: 51.324 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

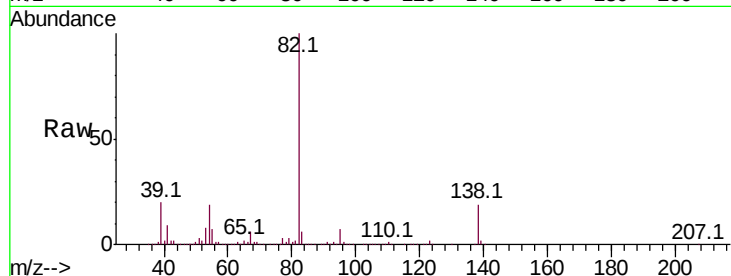
Tot Ion: 82 Resp: 3479441

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

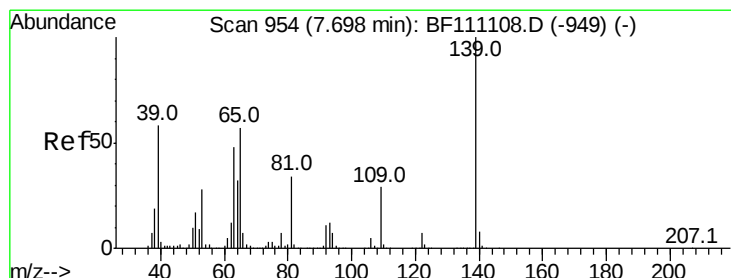
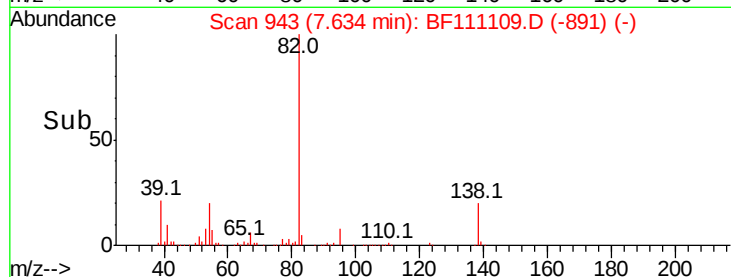
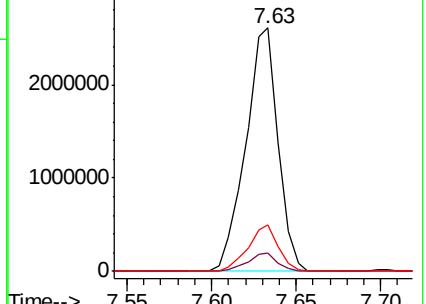
138 19.0 13.2 19.8



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: 46.539 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

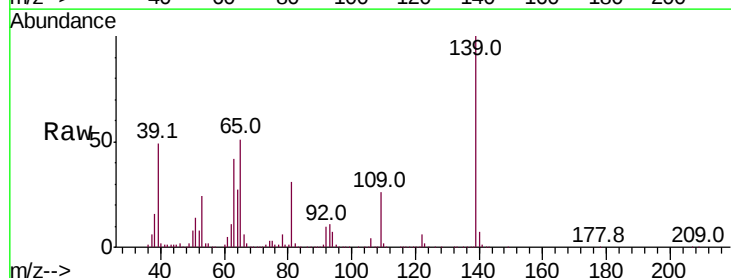
Tgt Ion:139 Resp: 971758

Ion Ratio Lower Upper

139 100

109 26.3 25.0 37.6

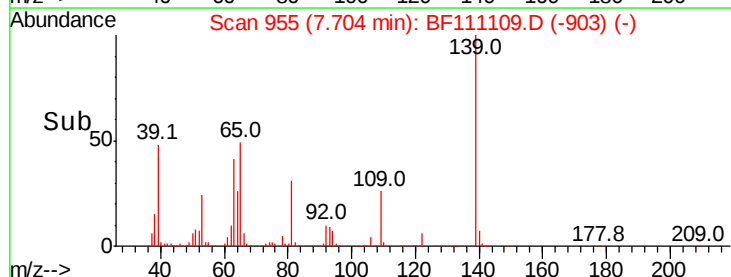
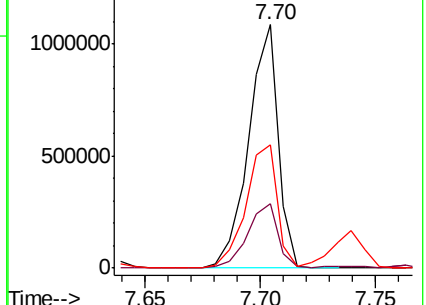
65 50.7 44.0 66.0

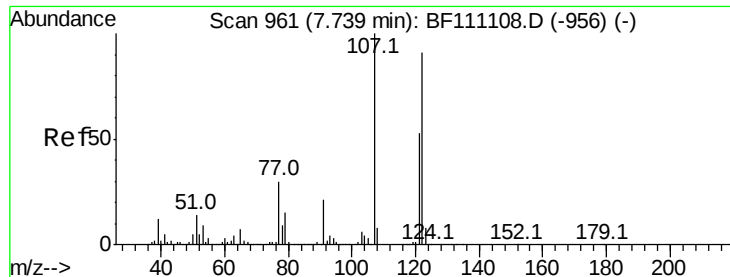


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.101 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

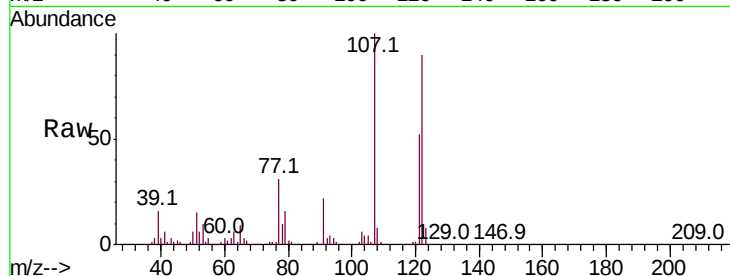
Tot Ion:122 Resp: 1611391

Ion Ratio Lower Upper

122 100

107 111.7 92.5 138.7

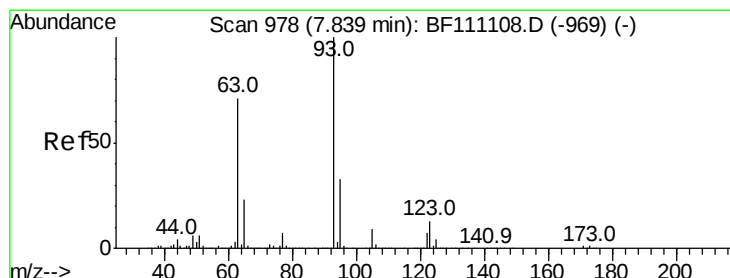
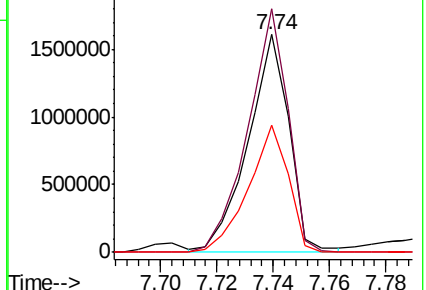
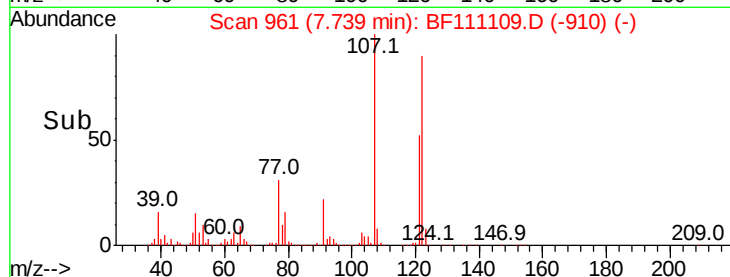
121 58.4 45.8 68.8



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: 51.112 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

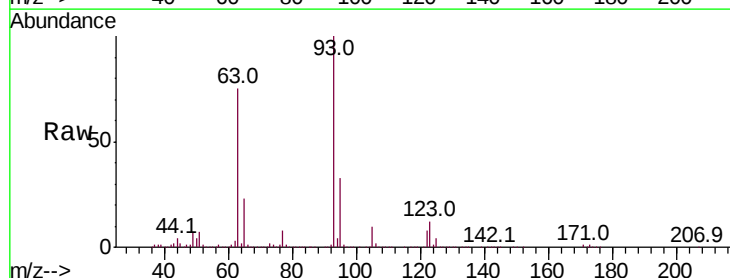
Tgt Ion: 93 Resp: 2321392

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

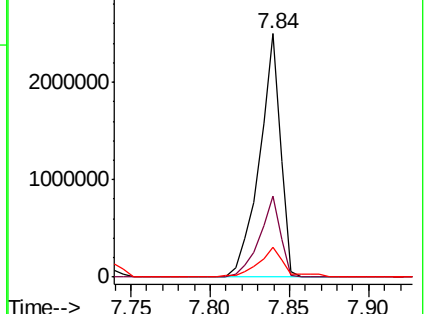
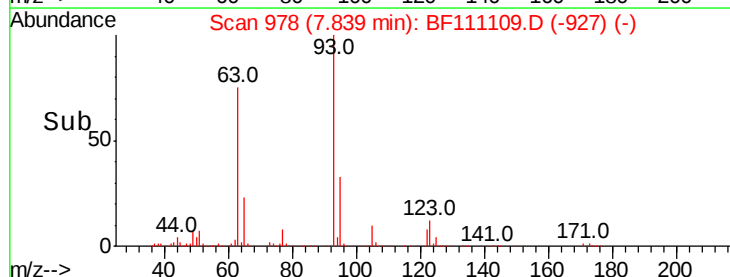
123 12.3 9.0 13.6

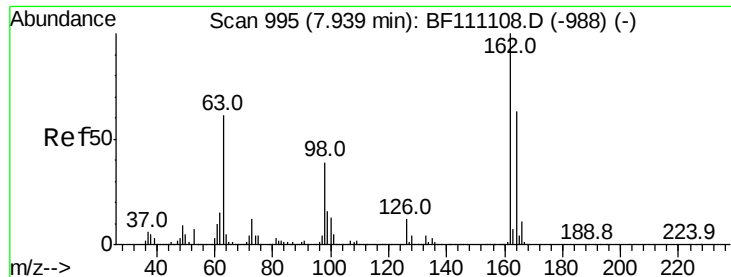


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.376 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

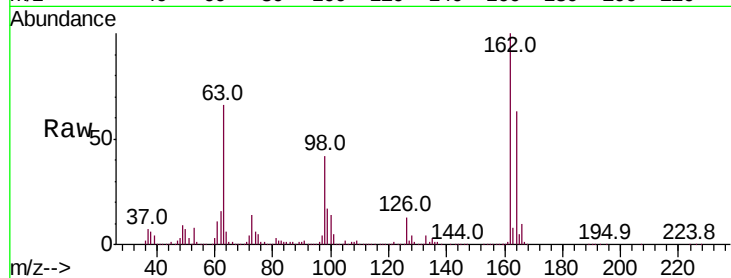
Tot Ion:162 Resp: 1629267

Ion Ratio Lower Upper

162 100

164 63.4 44.6 84.6

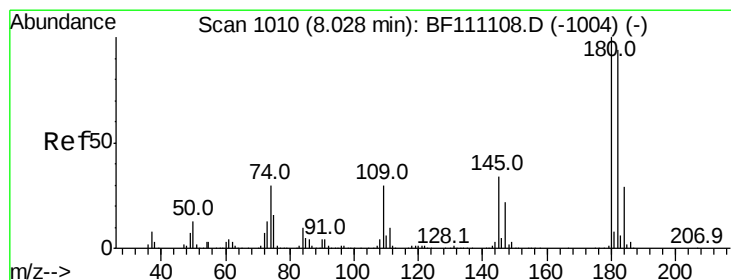
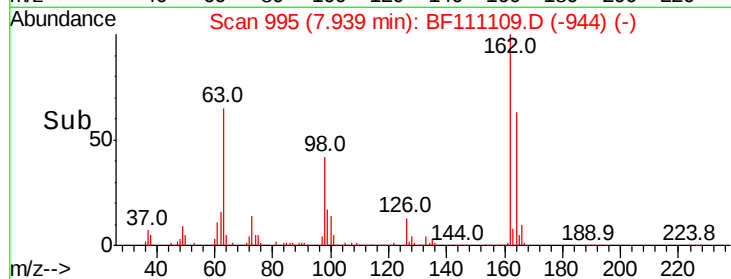
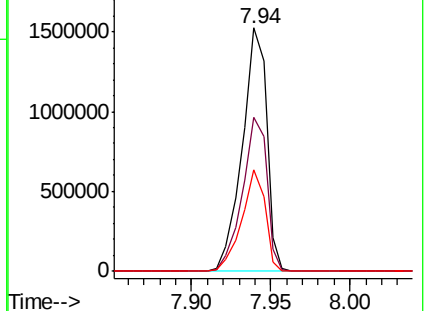
98 41.8 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.300 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

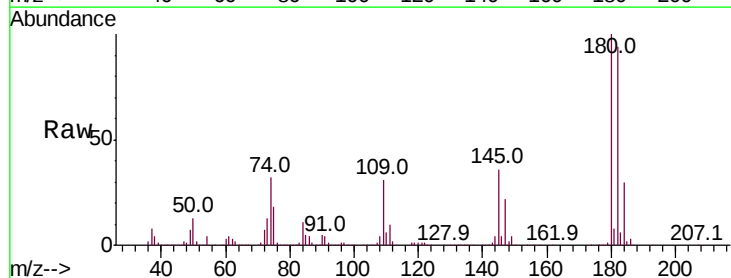
Tgt Ion:180 Resp: 1601203

Ion Ratio Lower Upper

180 100

182 94.3 80.3 120.5

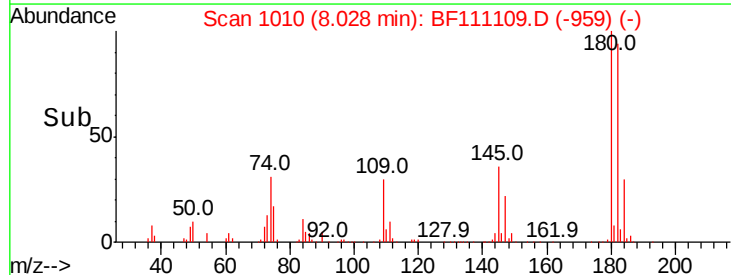
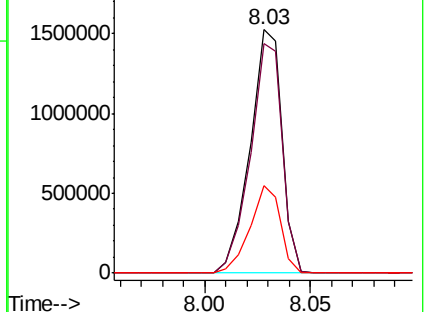
145 35.7 25.4 38.0

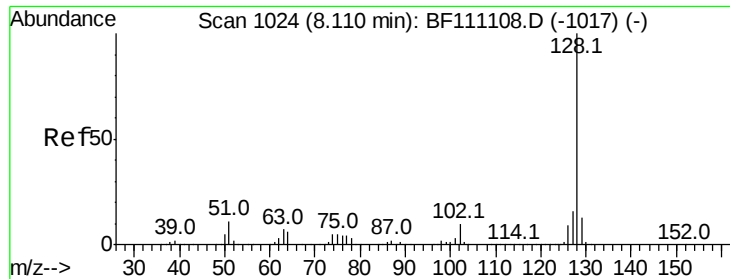


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

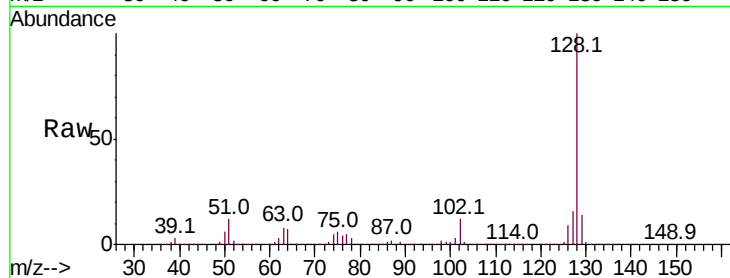




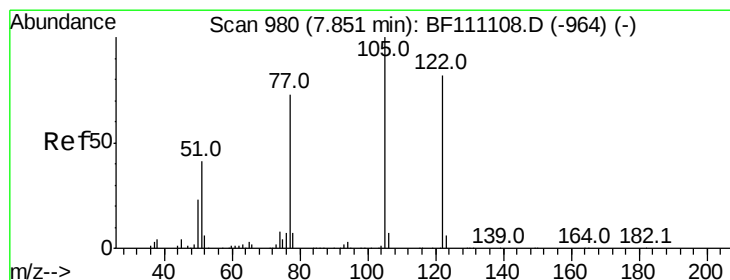
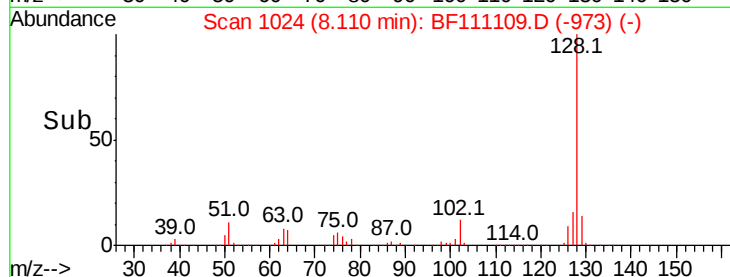
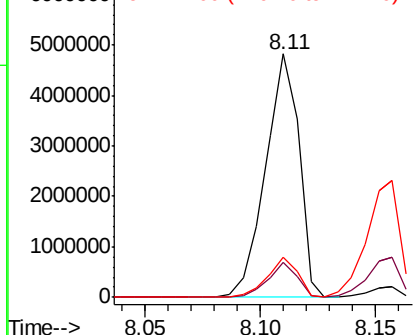
#31
Naphthalene
Concen: 43.778 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 4853875
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 16.5 10.8 16.2#

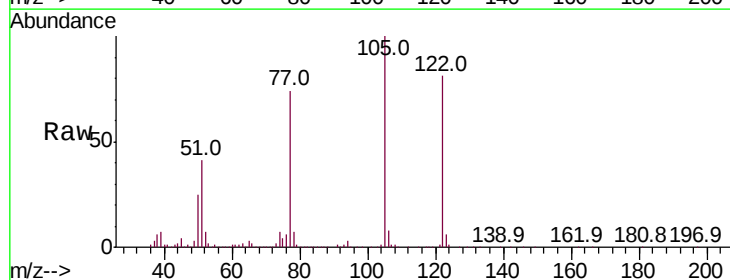


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

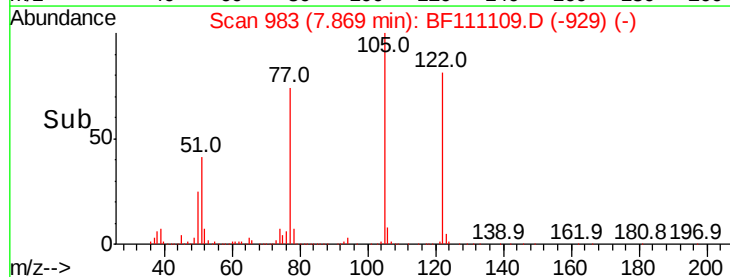
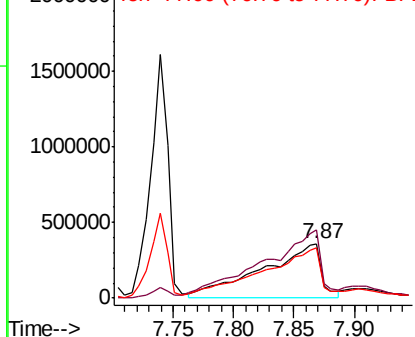


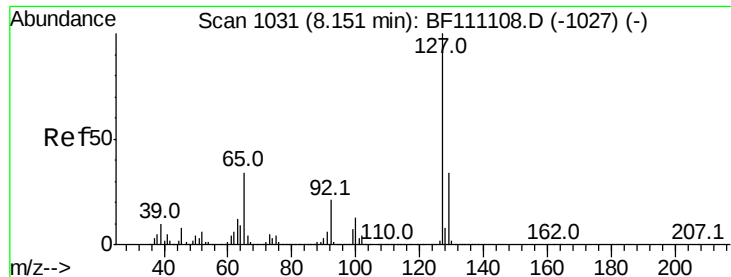
#32
Benzoic acid
Concen: 51.637 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.02 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:122 Resp: 1210589
Ion Ratio Lower Upper
122 100
105 124.2 109.0 149.0
77 91.6 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

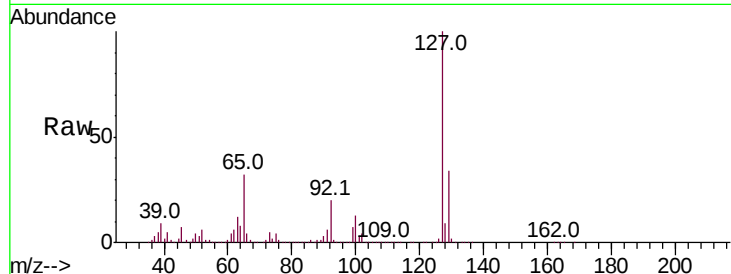




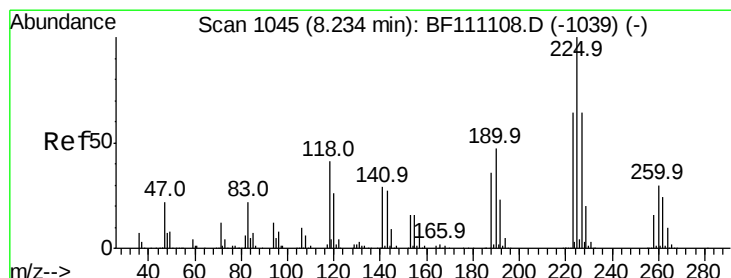
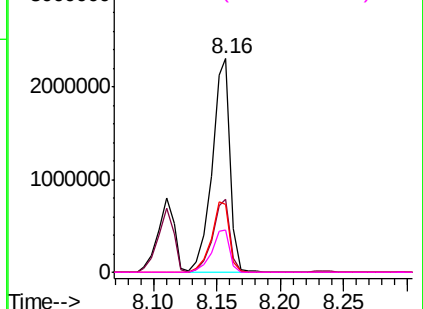
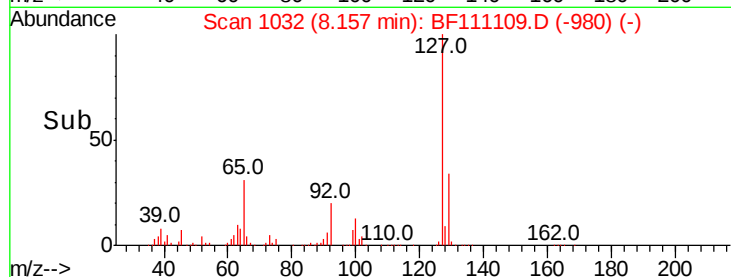
#33
4-Chloroaniline
Concen: 48.730 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 2299627
Ion Ratio Lower Upper
127 100
129 34.2 26.0 39.0
65 31.8 25.1 37.7
92 19.7 15.0 22.6

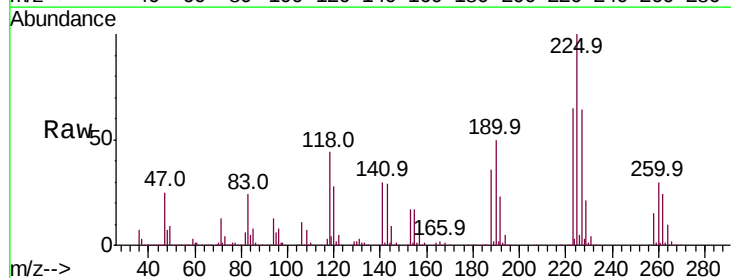


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

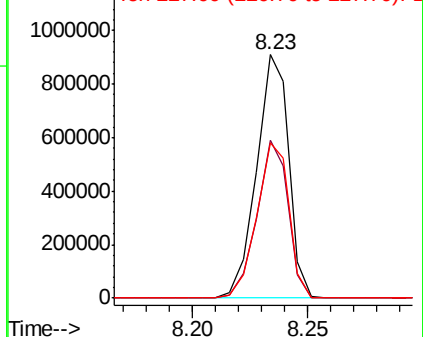
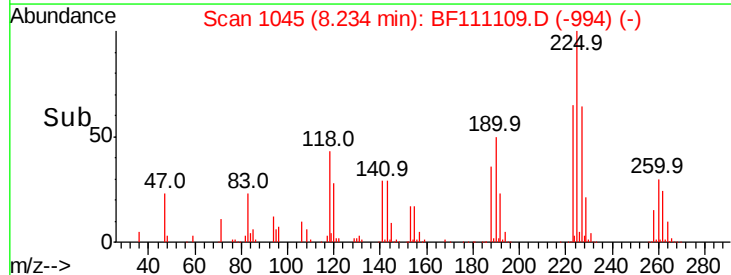


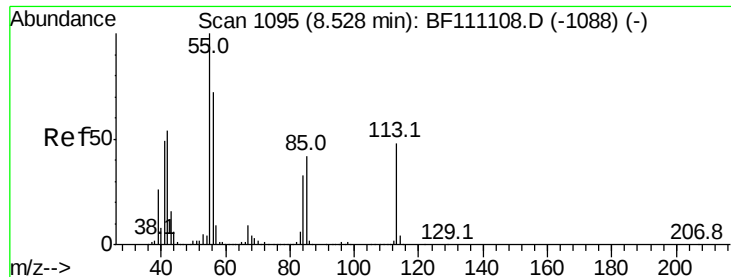
#34
Hexachlorobutadiene
Concen: 41.839 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:225 Resp: 881227
Ion Ratio Lower Upper
225 100
223 64.7 51.4 77.2
227 63.9 51.0 76.6



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





#35

Caprolactam

Concen: 52.372 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

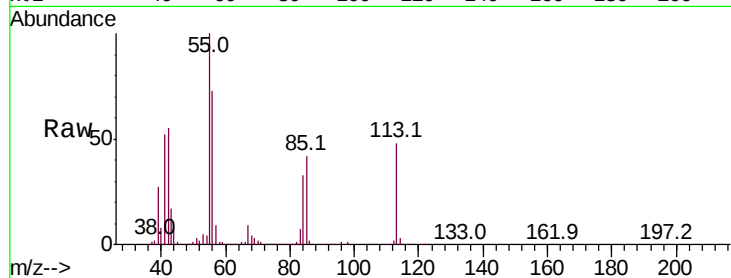
Tot Ion:113 Resp: 589984

Ion Ratio Lower Upper

113 100

55 207.1 142.8 182.8#

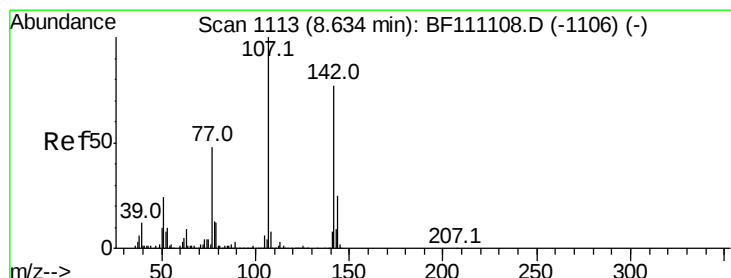
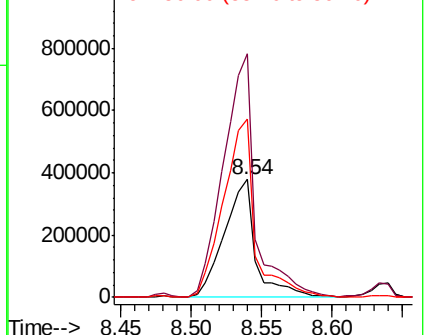
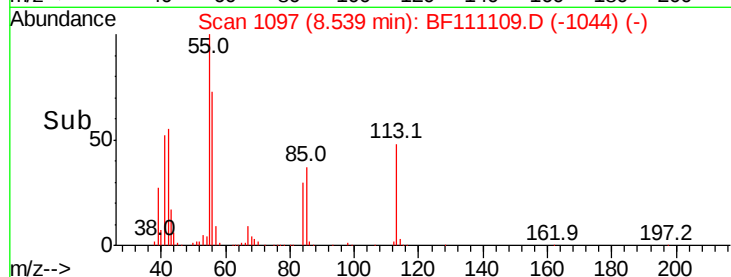
56 151.5 105.0 145.0#



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: 47.992 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

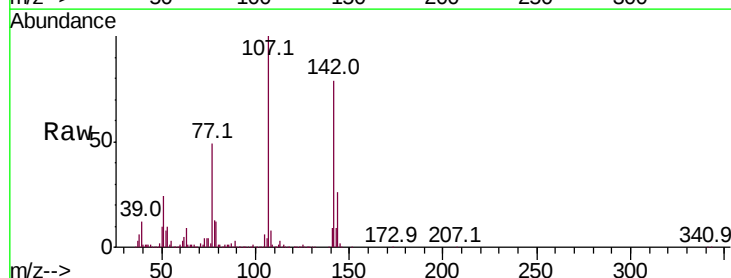
Tgt Ion:107 Resp: 1759522

Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

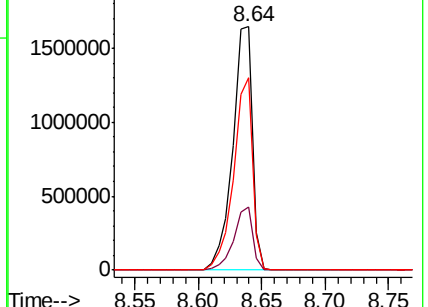
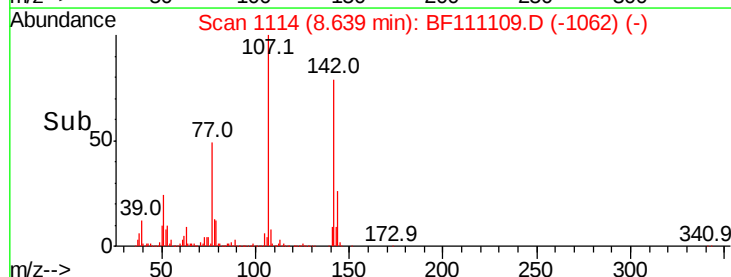
142 78.9 59.7 89.5

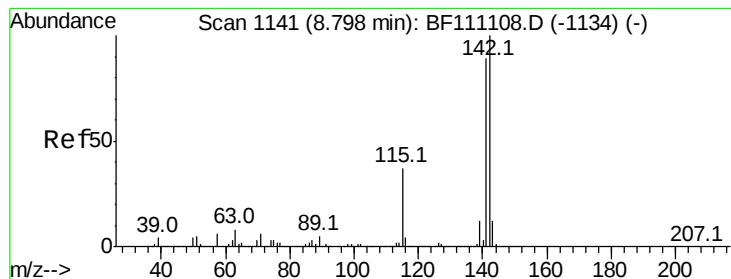


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.158 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

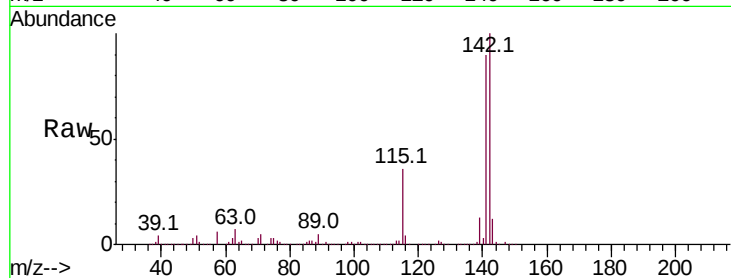
Tot Ion:142 Resp: 3233814

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2

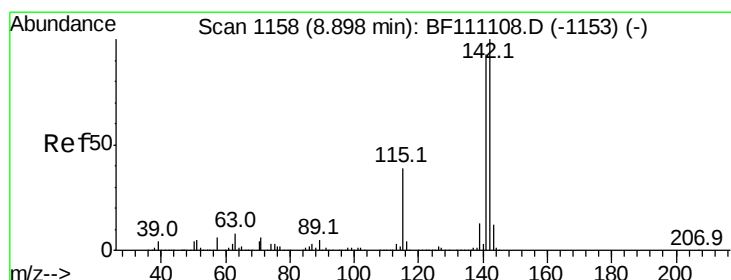
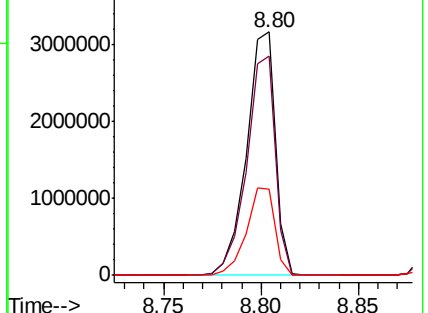
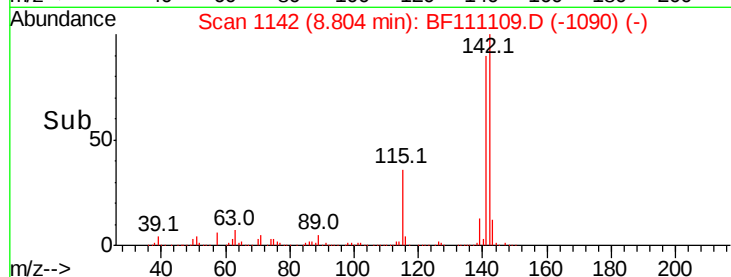
115 35.5 28.7 43.1



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: 45.398 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.09 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

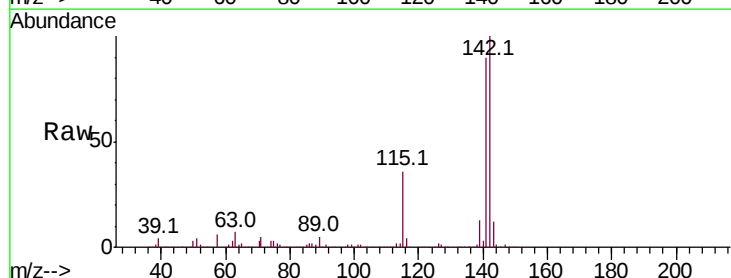
Tgt Ion:142 Resp: 3233814

Ion Ratio Lower Upper

142 100

141 90.1 74.2 111.4

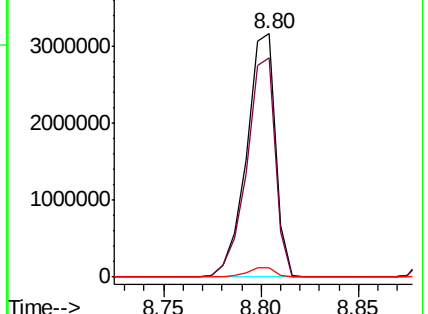
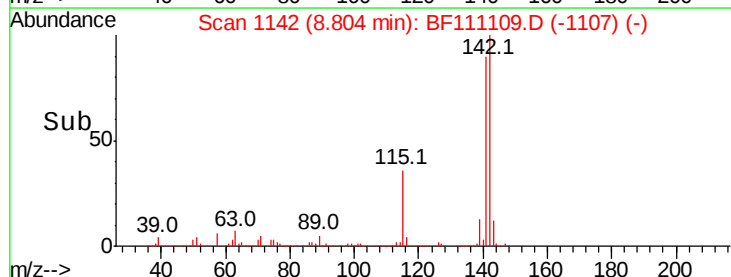
116 3.8 2.6 4.0

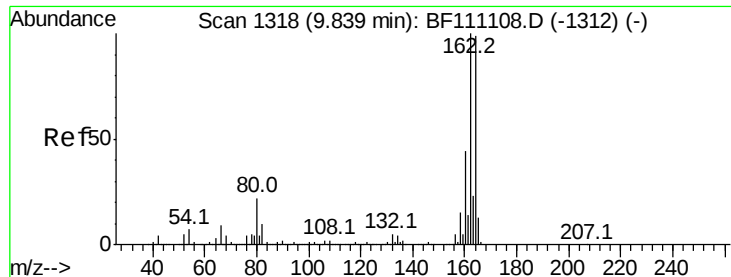


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

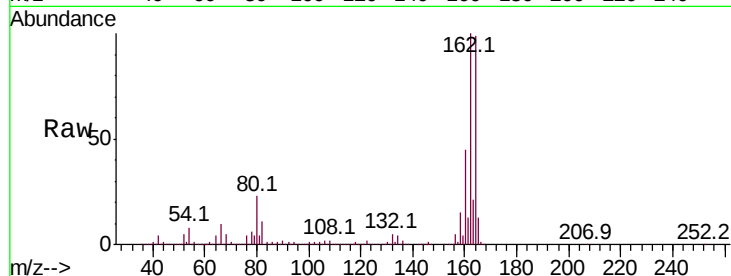
Tot Ion:164 Resp: 1081567

Ion Ratio Lower Upper

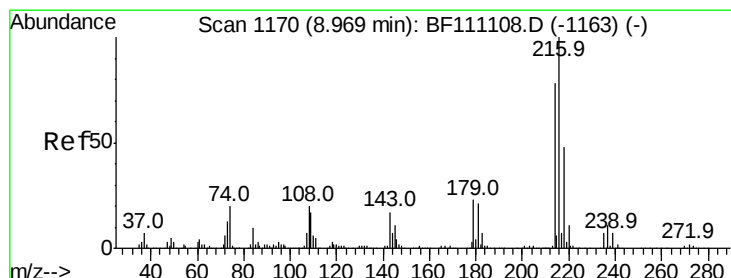
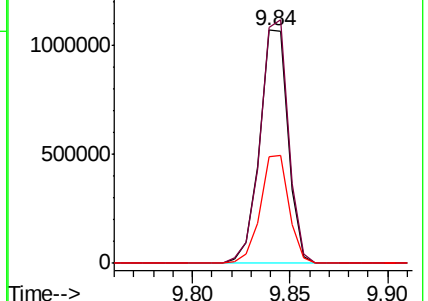
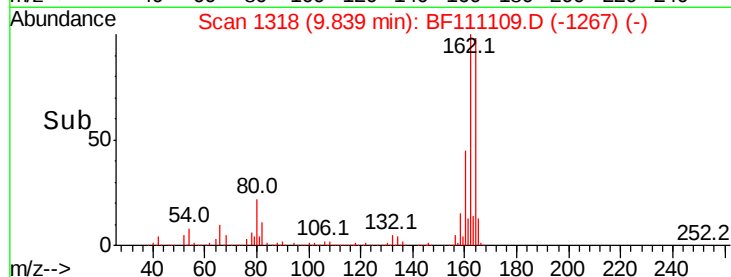
164 100

162 101.1 83.0 124.6

160 45.7 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
1500000
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: 39.468 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion:216 Resp: 1342843

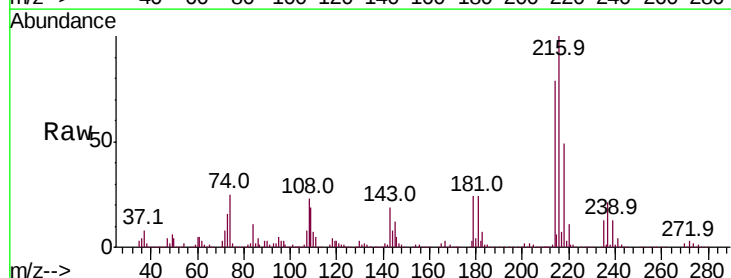
Ion Ratio Lower Upper

216 100

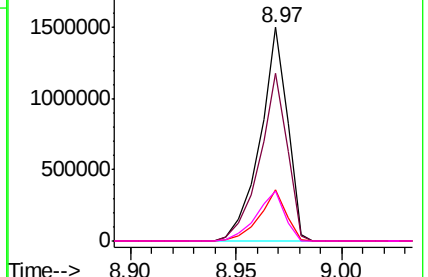
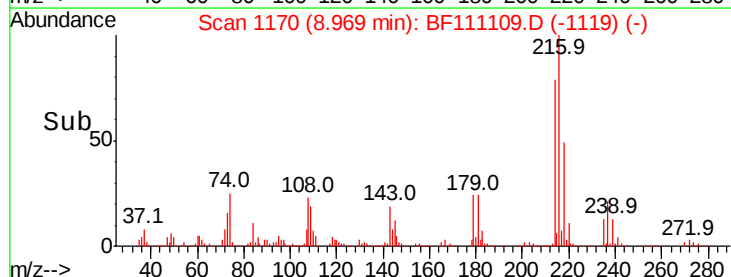
214 79.4 63.8 95.6

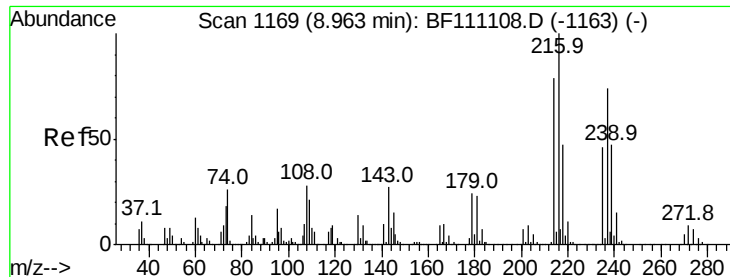
179 23.5 16.6 25.0

108 24.5 15.1 22.7#



Abundance Ion 216.00 (215.70 to 216.70): E
2000000
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: 224.033 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampled :

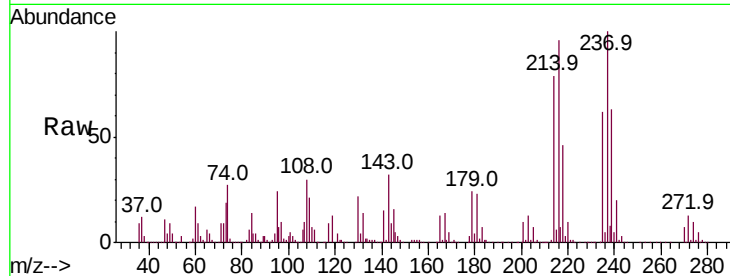
Tot Ion:237 Resp: 766991

Ion Ratio Lower Upper

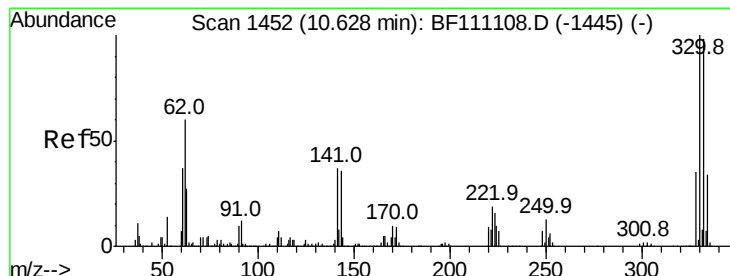
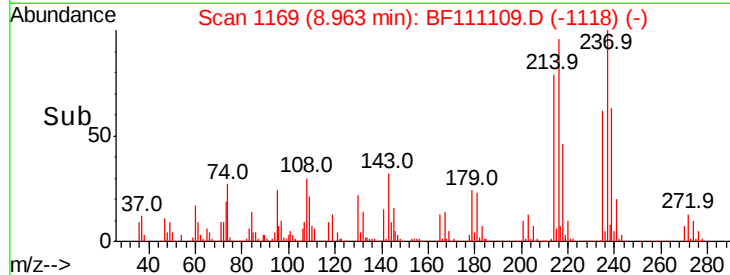
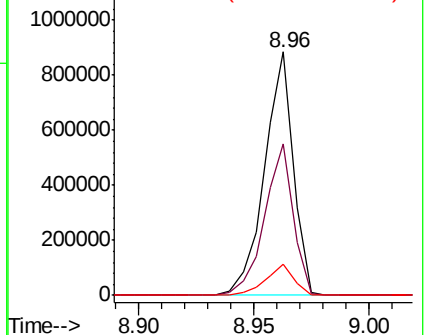
237 100

235 62.1 43.1 83.1

272 12.6 0.0 32.6



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: 76.081 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

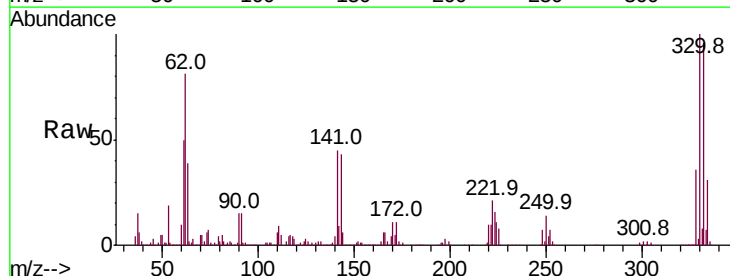
Tgt Ion:330 Resp: 817222

Ion Ratio Lower Upper

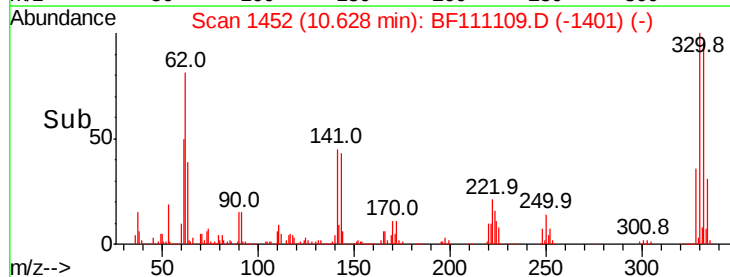
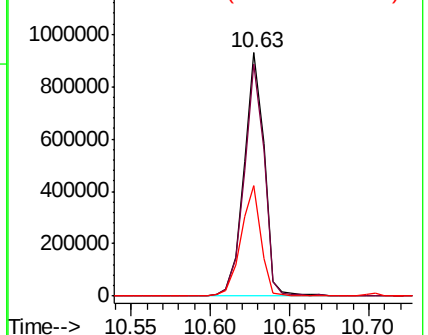
330 100

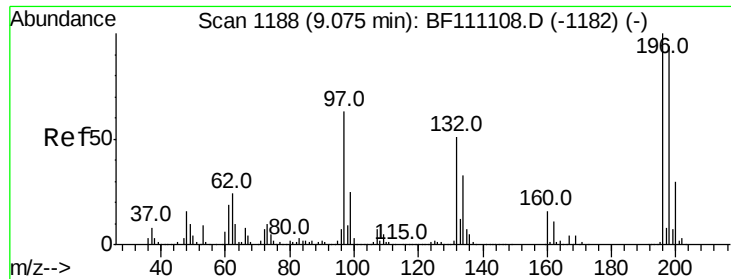
332 95.9 77.1 115.7

141 45.0 27.0 40.4#



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



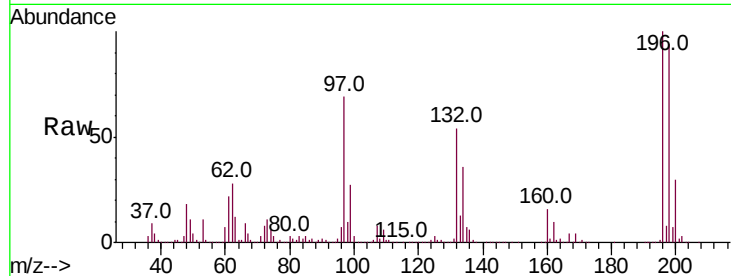


#43
 2,4,6-Trichlorophenol
 Concen: 51.034 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

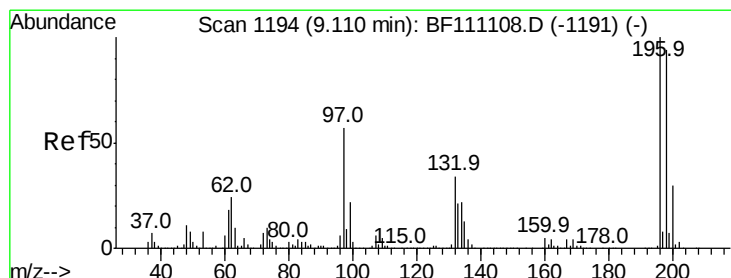
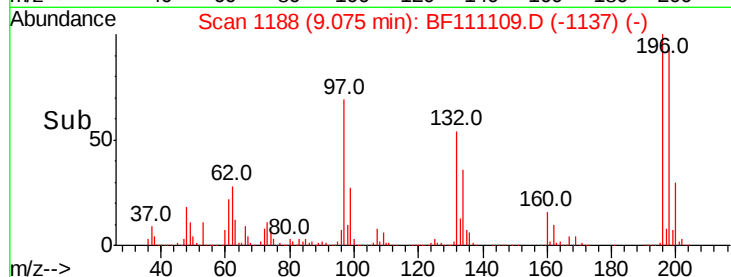
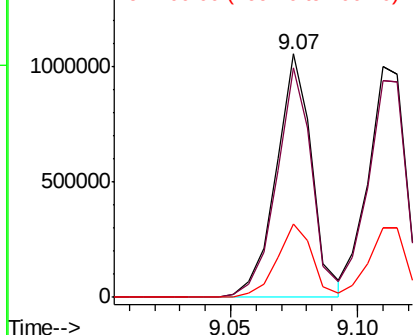
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1037031

Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.4
200	30.2	24.4	36.6



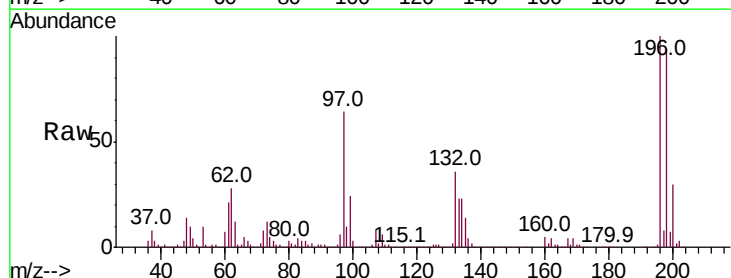
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



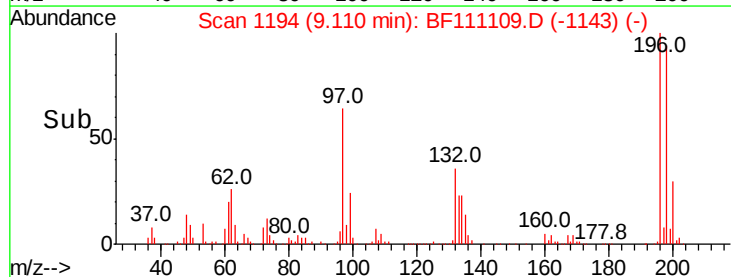
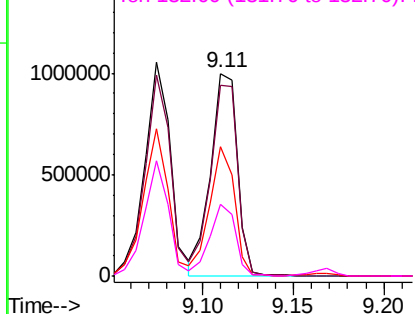
#44
 2,4,5-Trichlorophenol
 Concen: 48.146 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

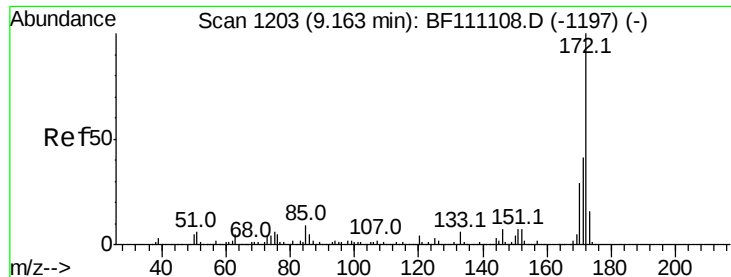
Tgt Ion:196 Resp: 1030153

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.8	113.6
97	64.0	42.4	63.6#
132	35.6	22.8	34.2#



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

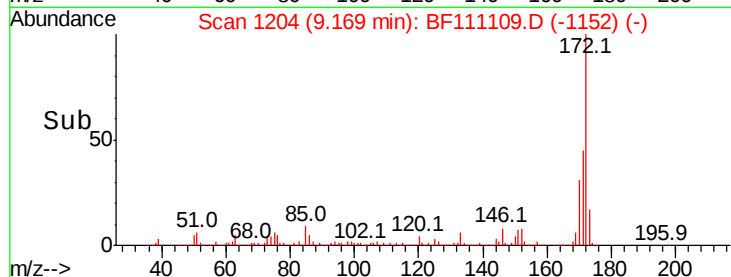
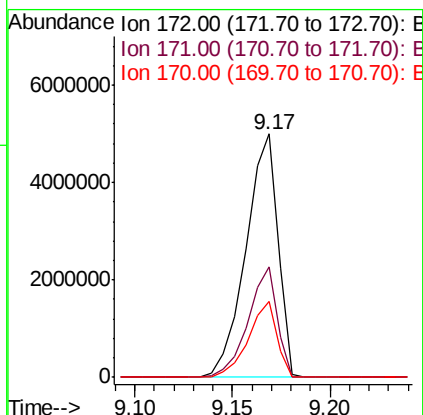
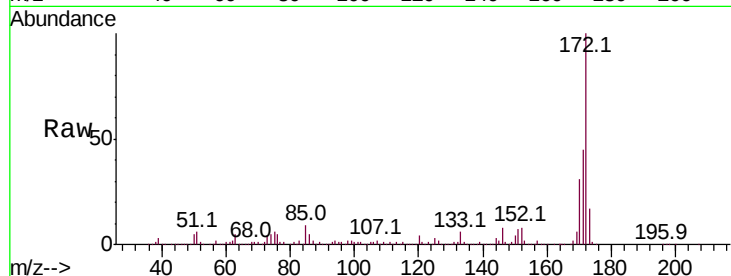




#45
2-Fluorobiphenyl
Concen: 76.006 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

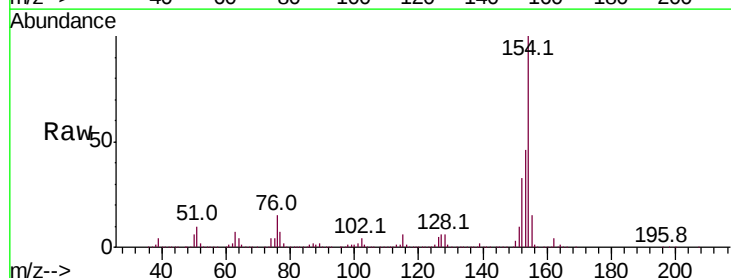
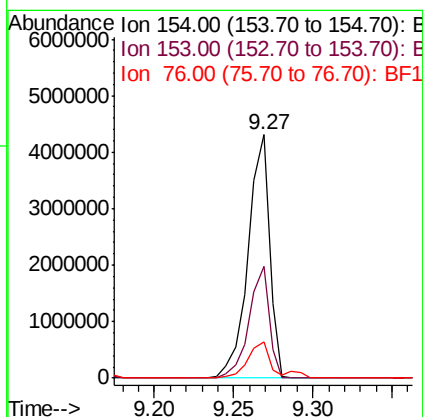
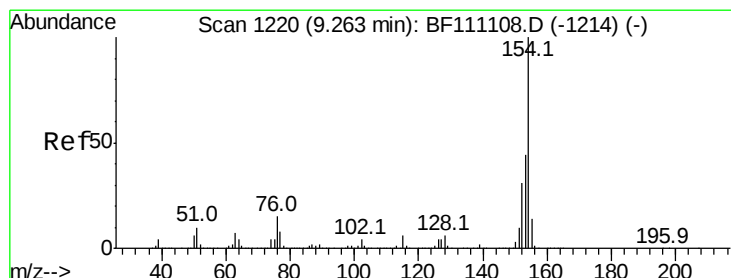
Instrument :
BNA_F
ClientSampleId :

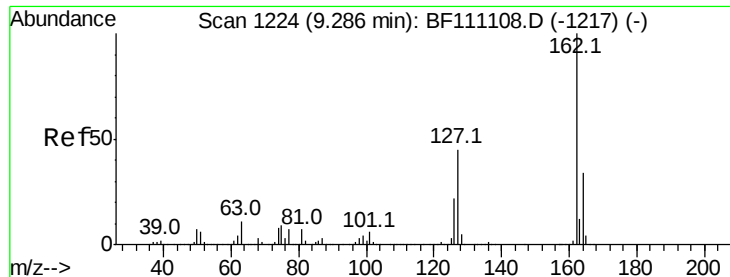
Tot Ion:172 Resp: 5674184
Ion Ratio Lower Upper
172 100
171 45.2 28.6 43.0#
170 31.3 19.7 29.5#



#46
1,1'-Biphenyl
Concen: 40.397 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:154 Resp: 4028193
Ion Ratio Lower Upper
154 100
153 46.0 20.4 60.4
76 15.0 0.0 31.9





#47

2-Chloronaphthalene

Concen: 44.163 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

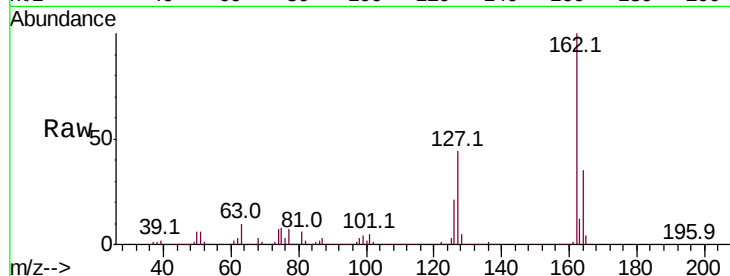
Tot Ion:162 Resp: 3192955

Ion Ratio Lower Upper

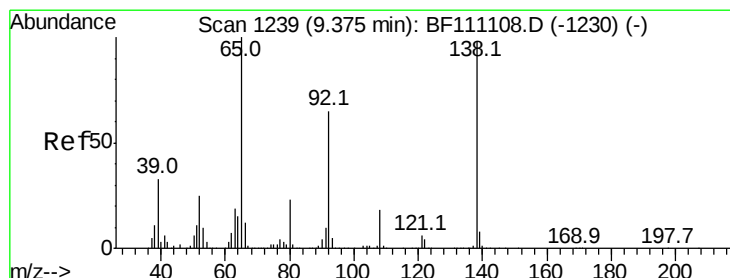
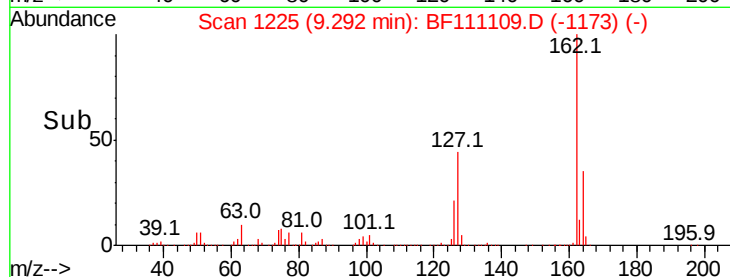
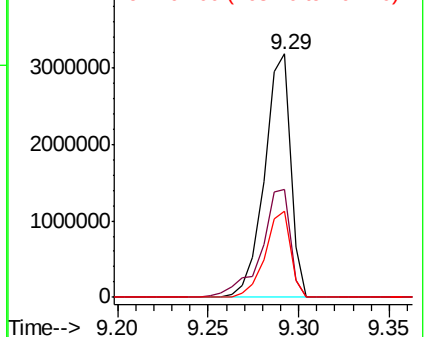
162 100

127 44.2 32.6 48.8

164 35.4 25.9 38.9



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: 50.396 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

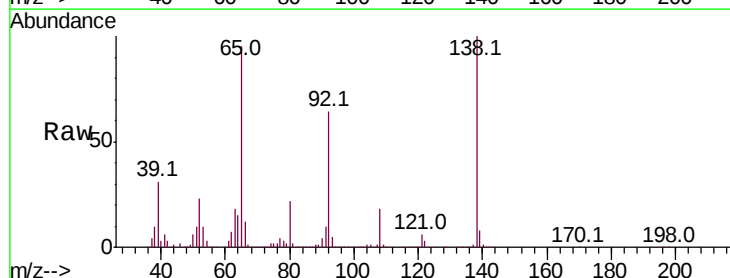
Tgt Ion: 65 Resp: 1139658

Ion Ratio Lower Upper

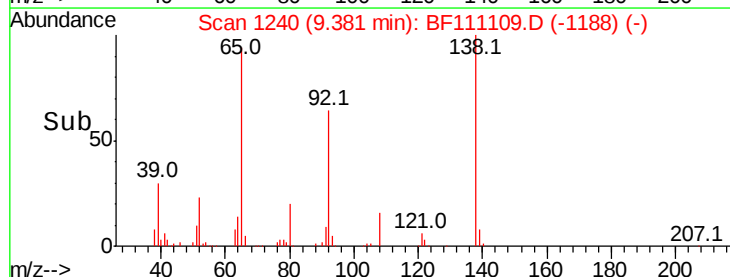
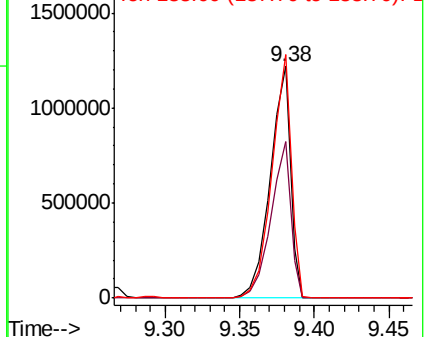
65 100

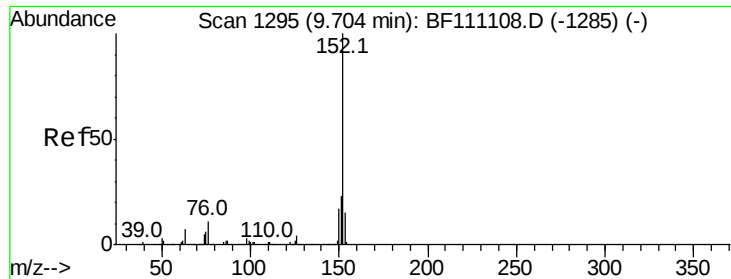
92 67.4 54.6 81.8

138 105.2 80.3 120.5



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: 44.555 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

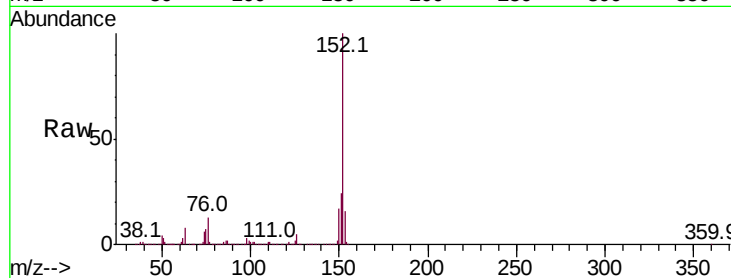
Tot Ion:152 Resp: 4580550

Ion Ratio Lower Upper

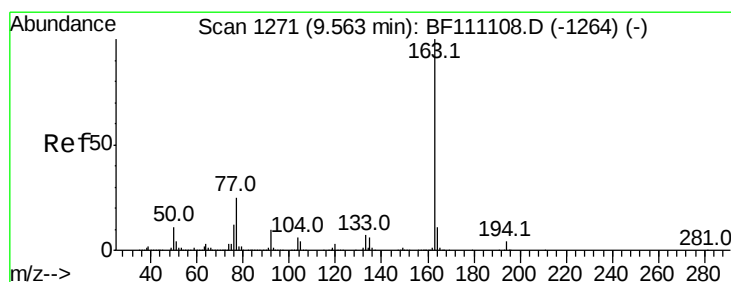
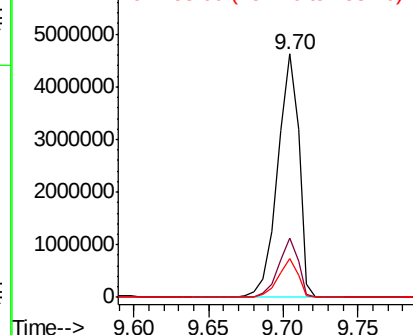
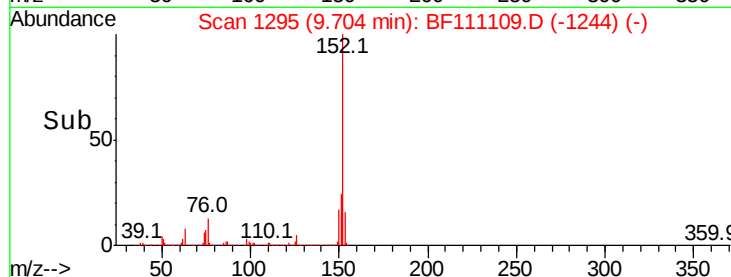
152 100

151 24.3 15.8 23.8#

153 16.1 10.4 15.6#



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: 44.274 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

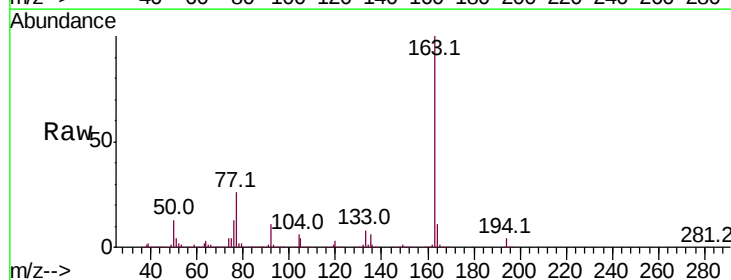
Tgt Ion:163 Resp: 3511948

Ion Ratio Lower Upper

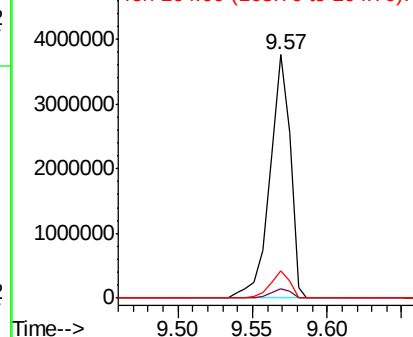
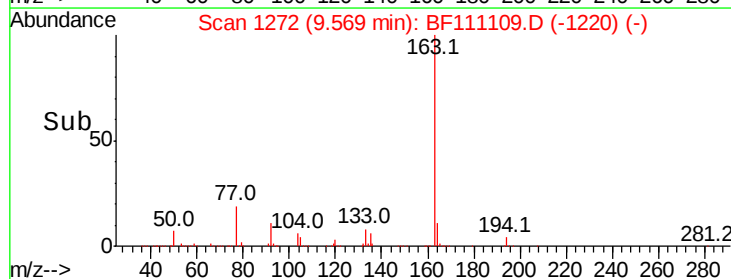
163 100

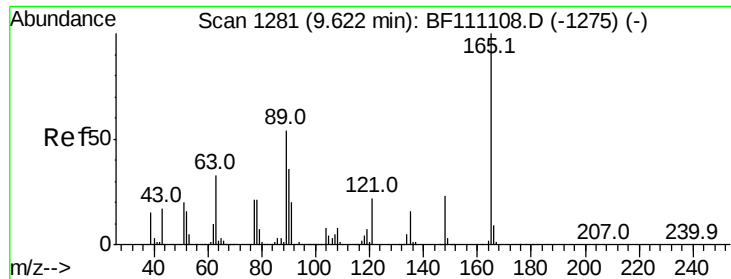
194 3.9 3.2 4.8

164 11.5 8.1 12.1



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: 47.528 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

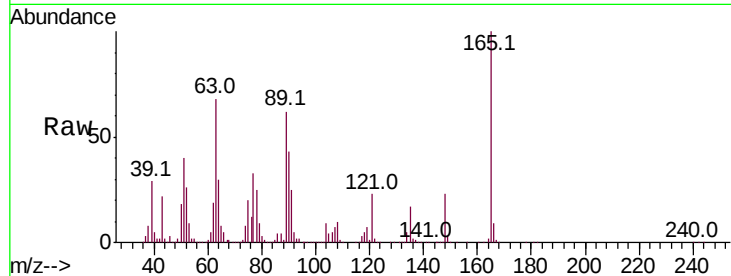
Tot Ion:165 Resp: 839297

Ion Ratio Lower Upper

165 100

63 68.0 48.9 73.3

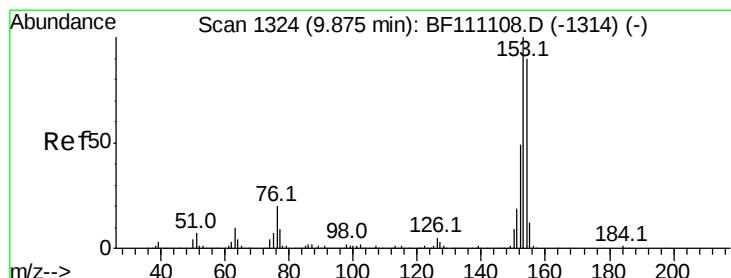
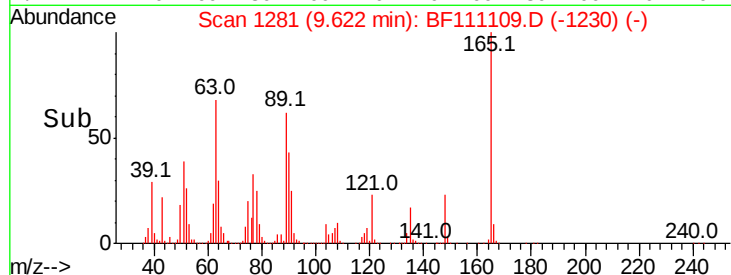
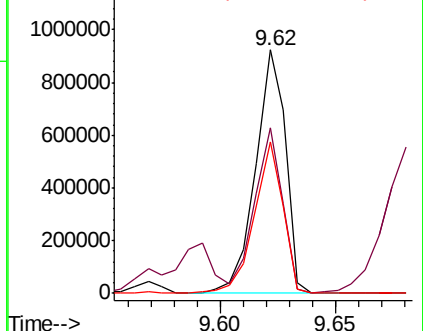
89 62.4 46.6 69.8



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: 44.401 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

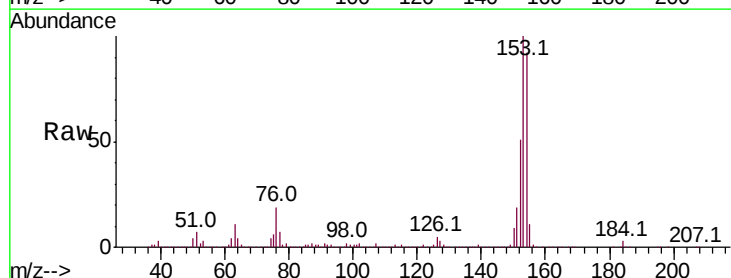
Tgt Ion:154 Resp: 2926293

Ion Ratio Lower Upper

154 100

153 109.2 90.1 135.1

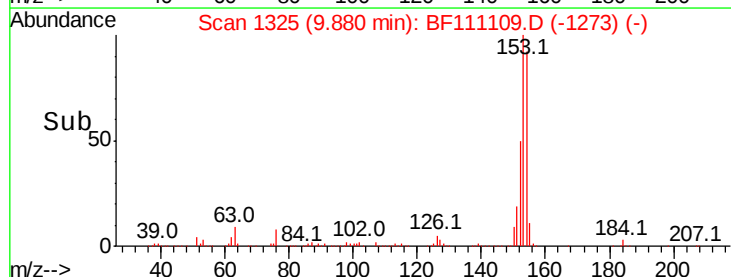
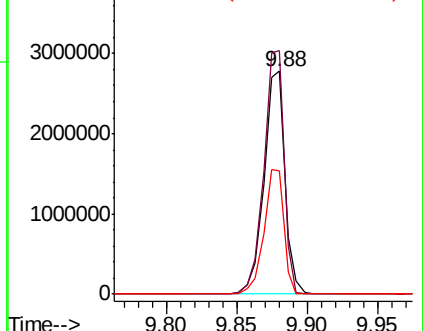
152 55.3 43.4 65.2

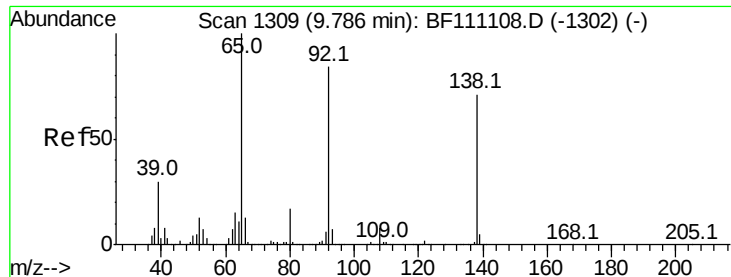


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

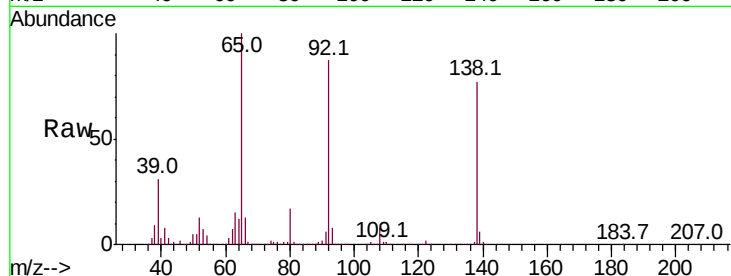




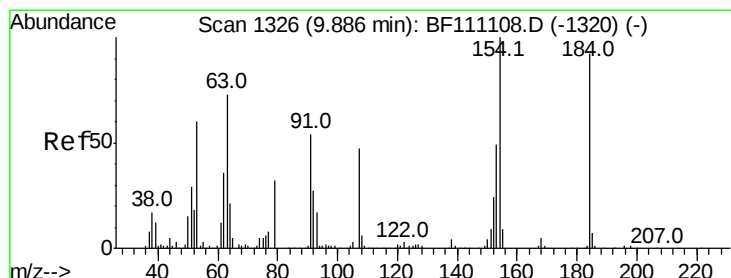
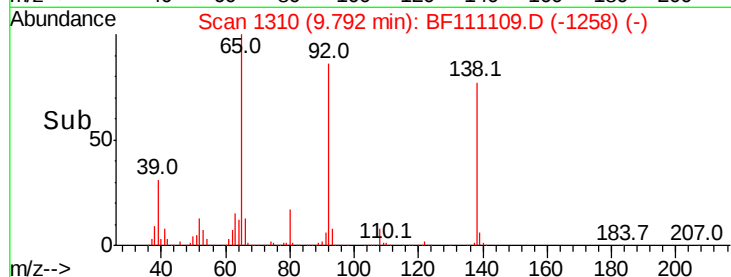
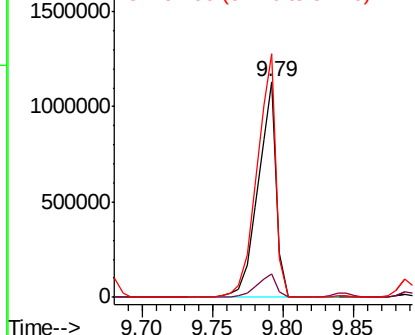
#53
3-Nitroaniline
Concen: 50.085 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1030833
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 112.7 97.0 145.4

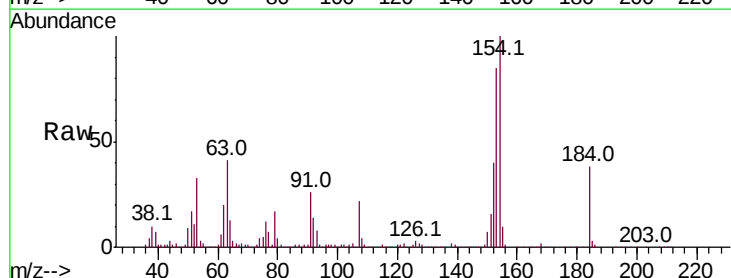


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

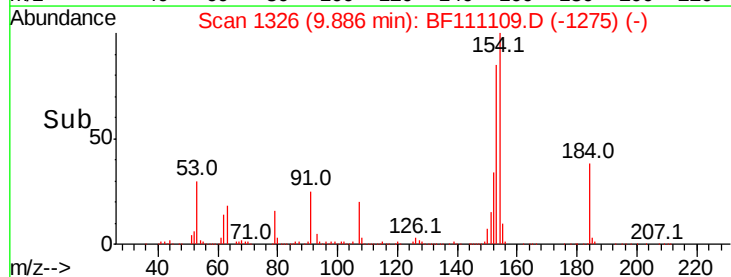
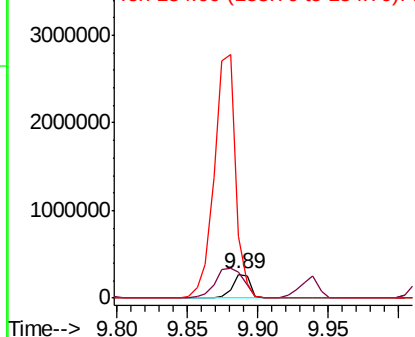


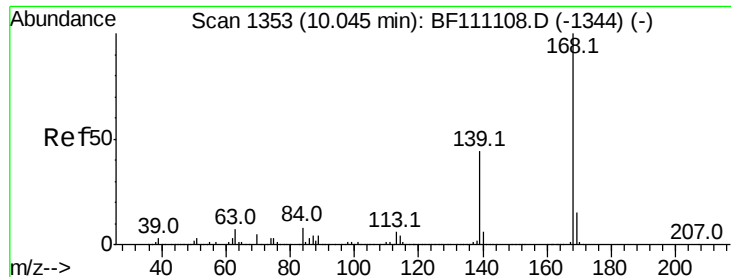
#54
2,4-Dinitrophenol
Concen: 42.137 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:184 Resp: 236530
Ion Ratio Lower Upper
184 100
63 107.6 55.8 83.6#
154 260.2 63.2 94.8#



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

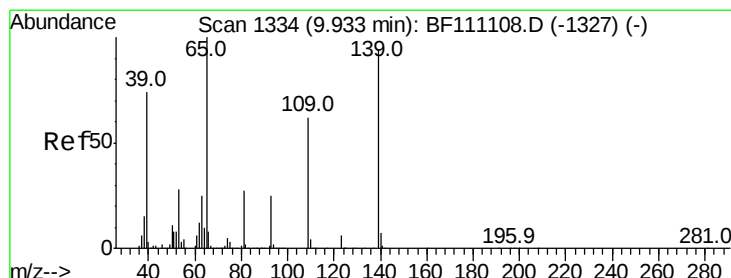
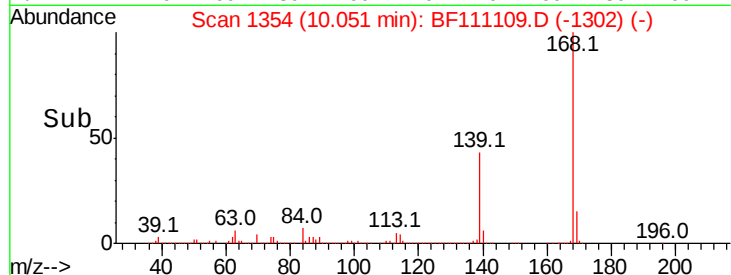
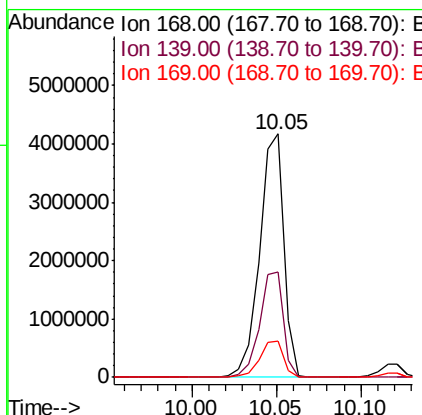
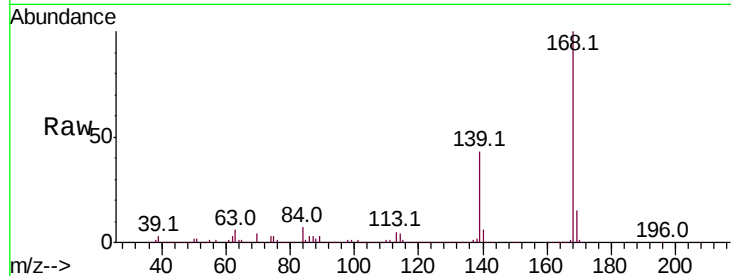




#55
Dibenzofuran
Concen: 43.189 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

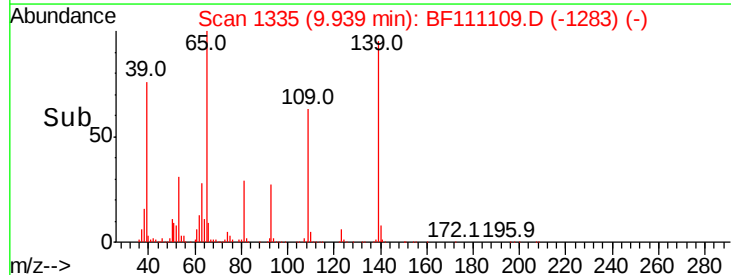
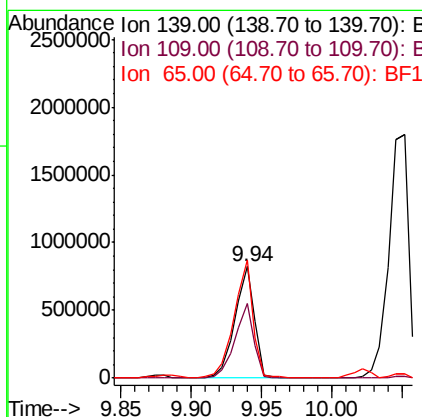
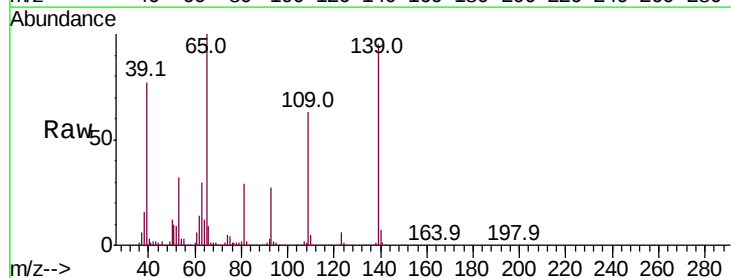
Instrument :
BNA_F
ClientSampleId :

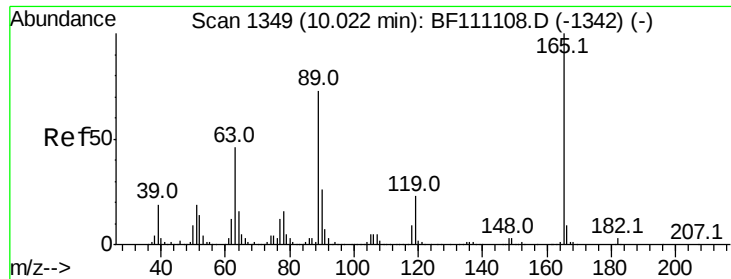
Tot Ion:168 Resp: 4152574
Ion Ratio Lower Upper
168 100
139 43.1 33.0 49.6
169 15.0 11.3 16.9



#56
4-Nitrophenol
Concen: 76.912 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:139 Resp: 789484
Ion Ratio Lower Upper
139 100
109 66.5 55.8 95.8
65 105.8 77.9 117.9

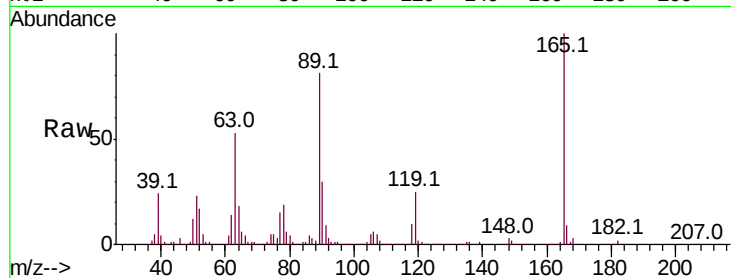




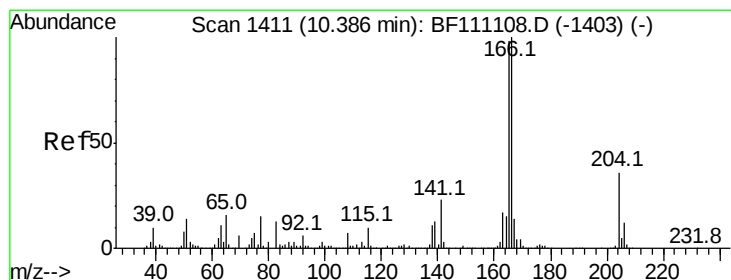
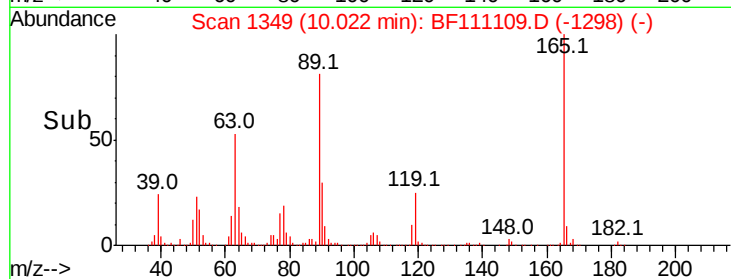
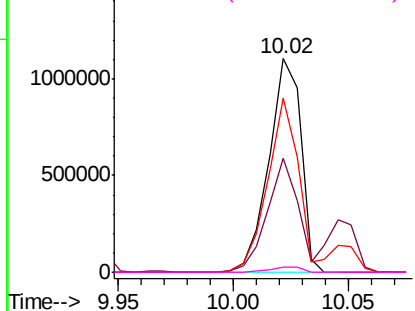
#57
 2,4-Dinitrotoluene
 Concen: 46.396 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 1062976
 Ion Ratio Lower Upper
 165 100
 63 53.4 44.8 67.2
 89 81.3 62.2 93.4
 182 2.4 2.1 3.1

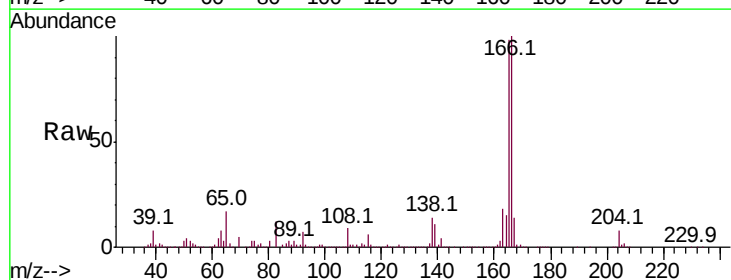


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

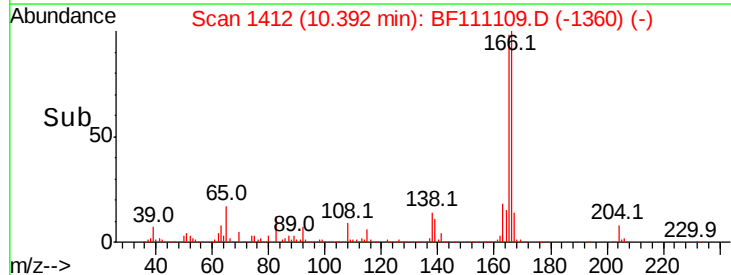
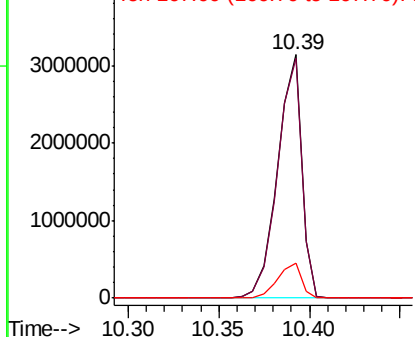


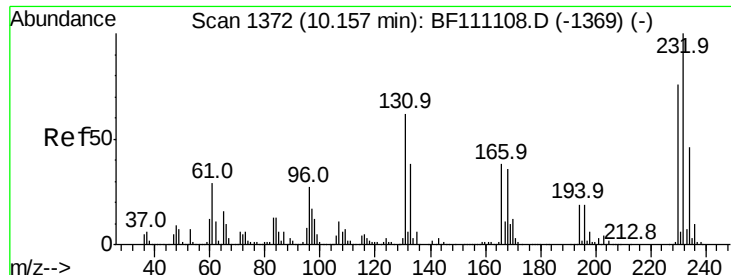
#58
 Fluorene
 Concen: 38.745 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion:166 Resp: 2898420
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.6 117.8
 167 14.1 10.8 16.2



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

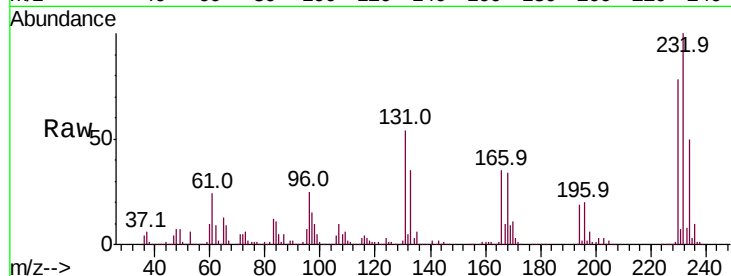




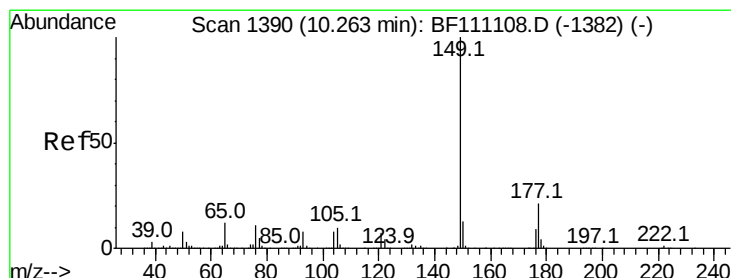
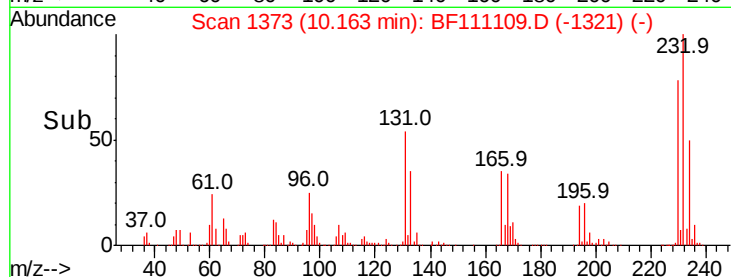
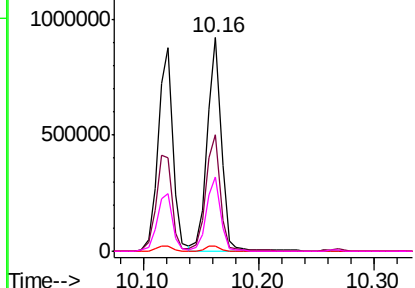
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.595 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.9	37.0	55.4#
130	2.7	1.8	2.6#
166	35.1	22.0	33.0#

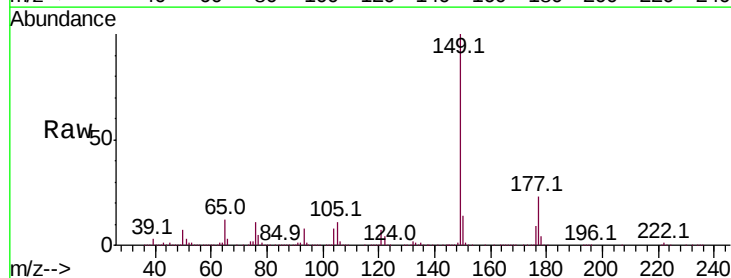


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

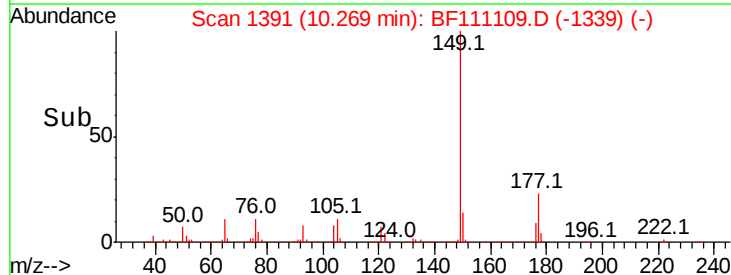
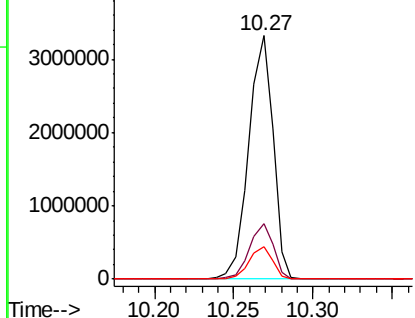


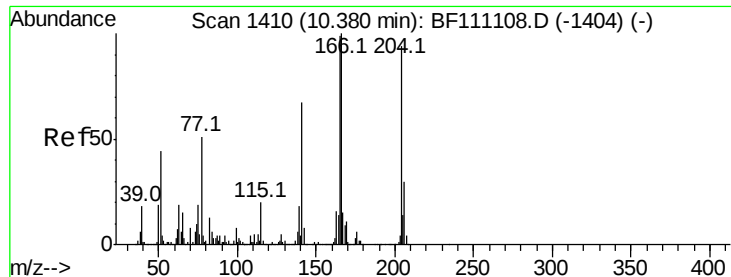
#60
Diethylphthalate
Concen: 43.381 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.2
150	13.6	9.8	14.8



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

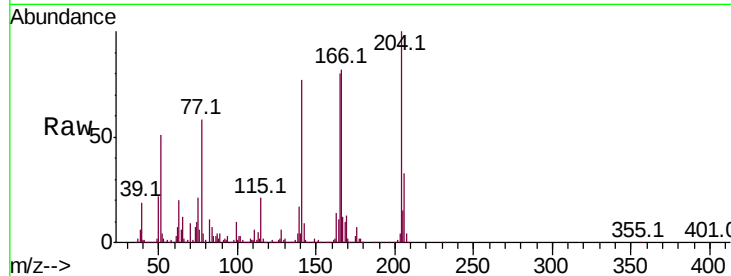




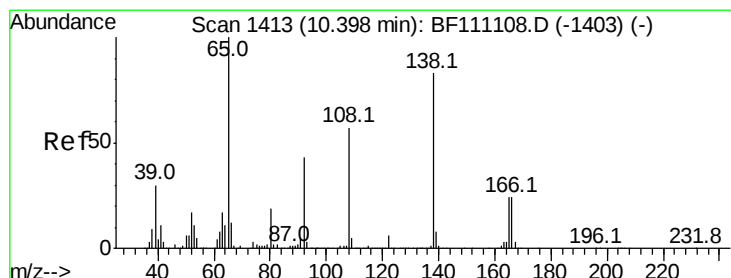
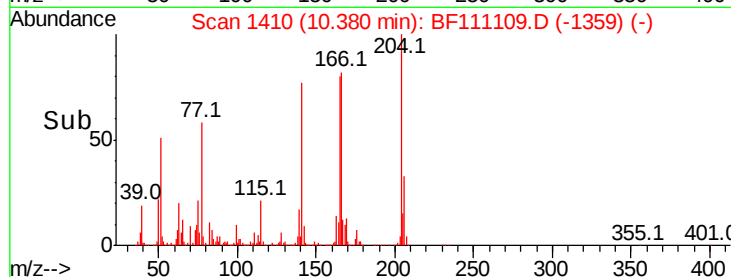
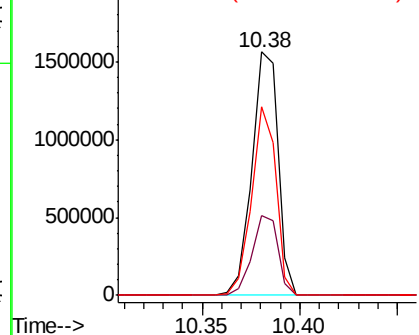
#61
4-Chlorophenyl-phenylether
Concen: 37.144 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1453355
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 77.3 51.8 77.8

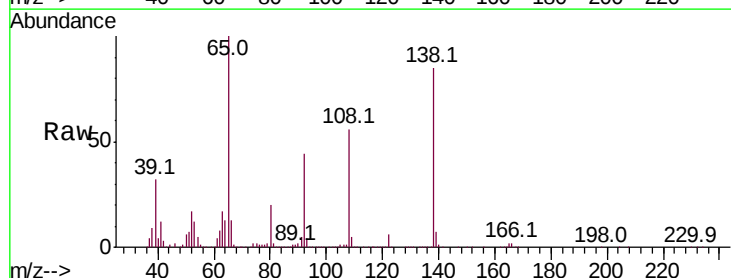


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

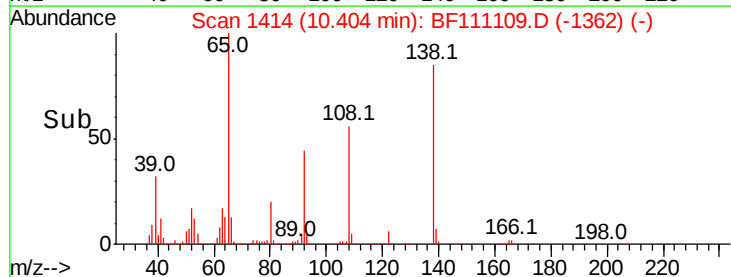
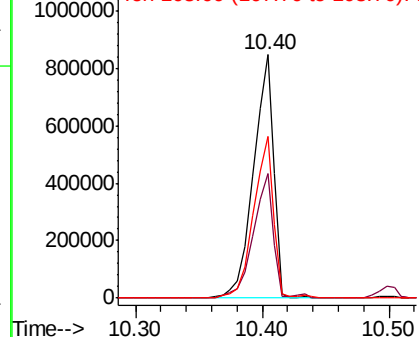


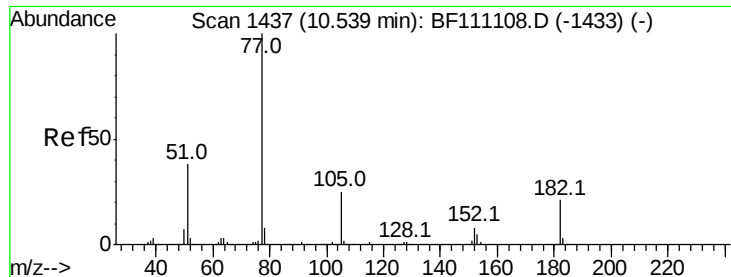
#62
4-Nitroaniline
Concen: 49.372 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:138 Resp: 946126
Ion Ratio Lower Upper
138 100
92 51.3 31.7 71.7
108 66.2 59.3 99.3



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: 46.267 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3688814

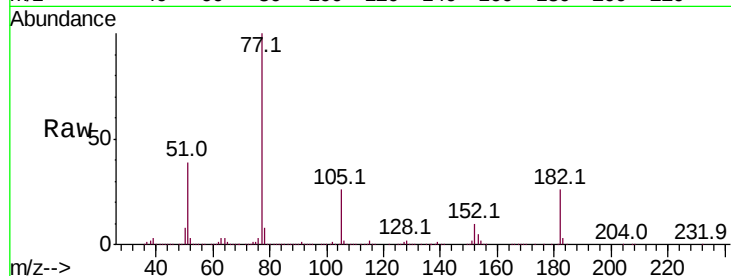
Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.3	44.3
105	26.5	1.3	41.3
51	39.3	9.0	49.0

77 100

182 25.7 4.3 44.3

105 26.5 1.3 41.3

51 39.3 9.0 49.0



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

6000000

5000000

4000000

3000000

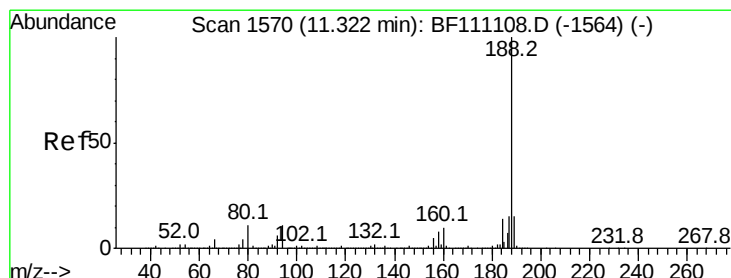
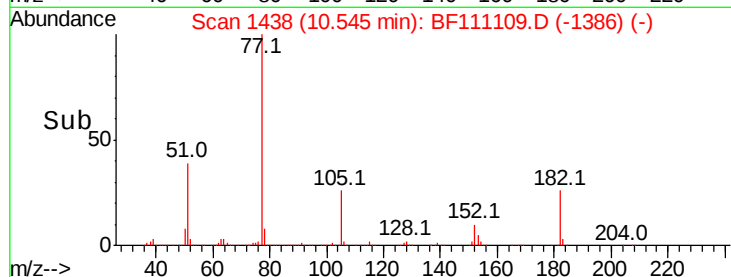
2000000

1000000

0

10.50 10.55 10.60

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

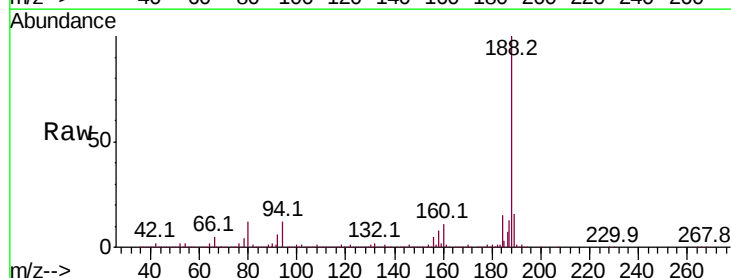
Tgt Ion:188 Resp: 1824711

Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.2	10.8#
80	12.2	7.9	11.9#

188 100

94 11.5 7.2 10.8#

80 12.2 7.9 11.9#



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

2500000

2000000

1500000

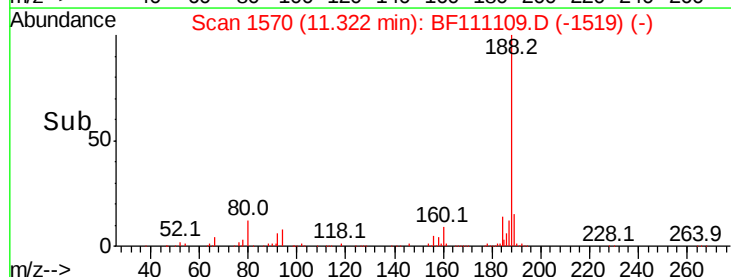
1000000

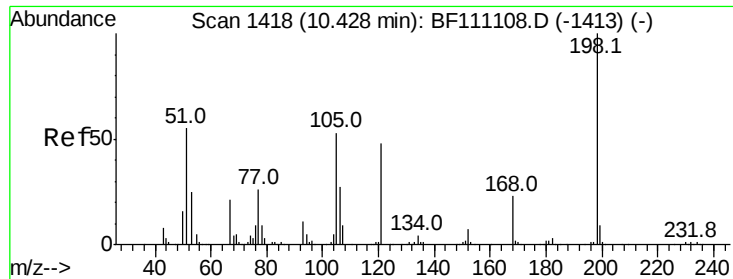
500000

0

11.25 11.30 11.35

Time-->

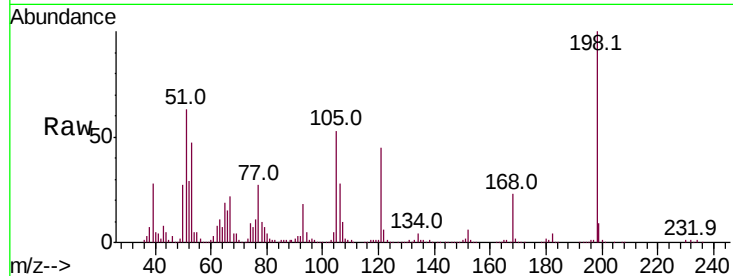




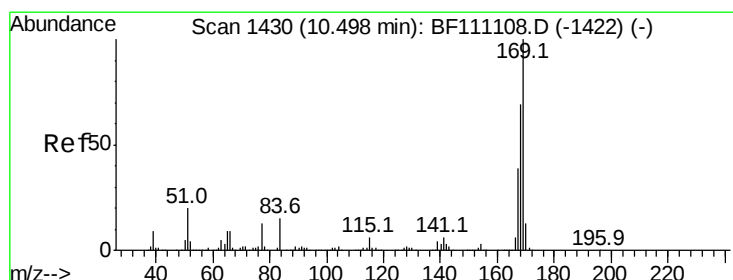
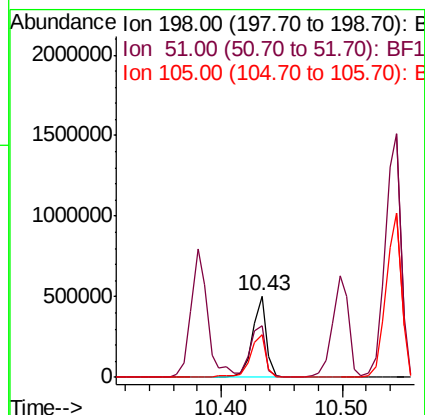
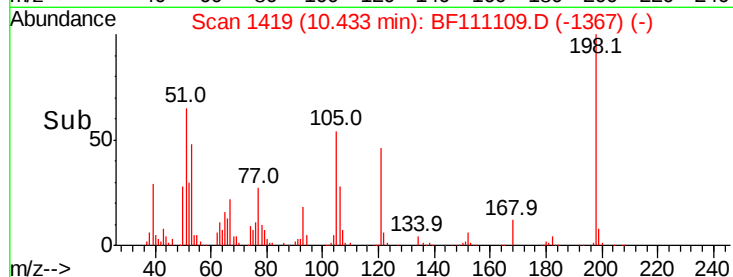
#65
4,6-Dinitro-2-methylphenol
Concen: 46.620 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 402404
Ion Ratio Lower Upper
198 100
51 63.1 22.8 62.8#
105 53.2 23.6 63.6

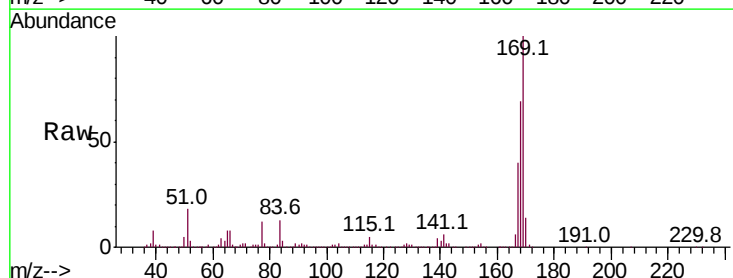


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

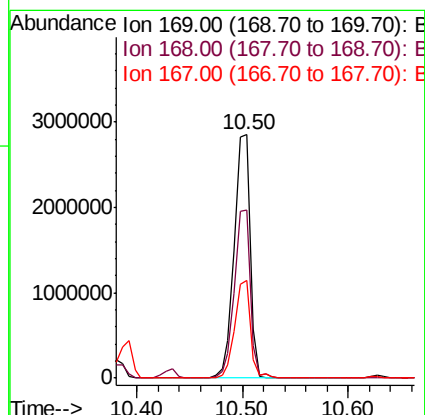
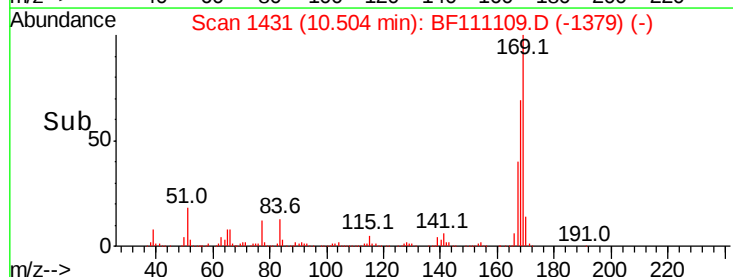


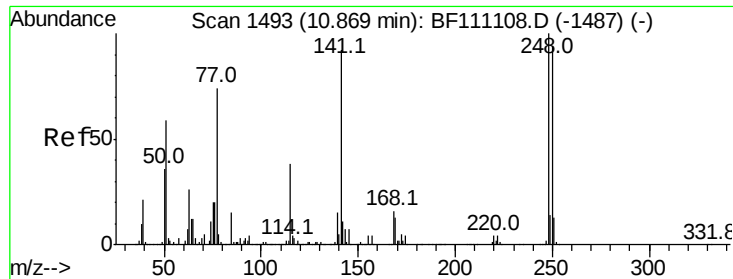
#66
n-Nitrosodiphenylamine
Concen: 48.489 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:169 Resp: 2945415
Ion Ratio Lower Upper
169 100
168 69.3 51.2 76.8
167 40.0 27.8 41.6



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: 45.692 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

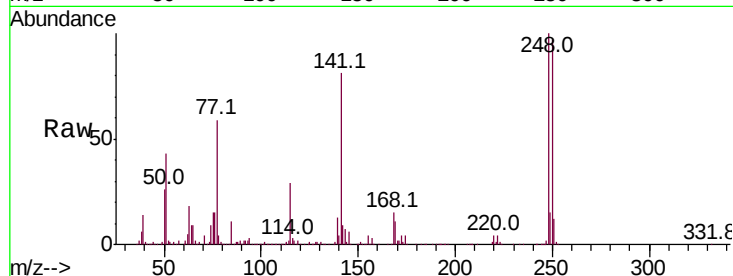
Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 908022

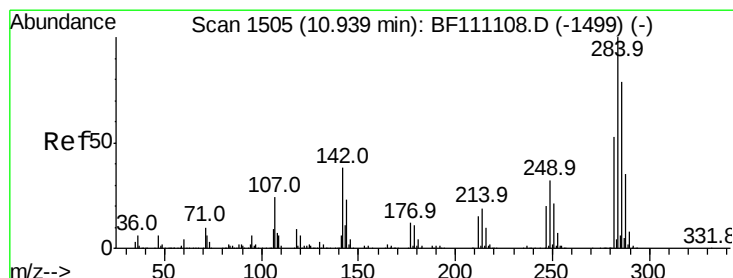
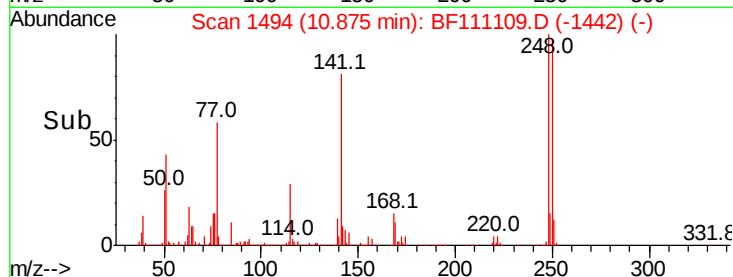
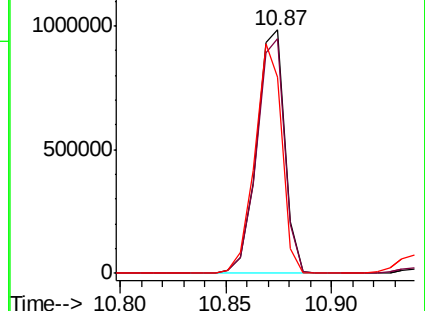
Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.4	119.2
141	80.7	55.9	83.9



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: 43.839 ng

RT: 10.94 min Scan# 1505

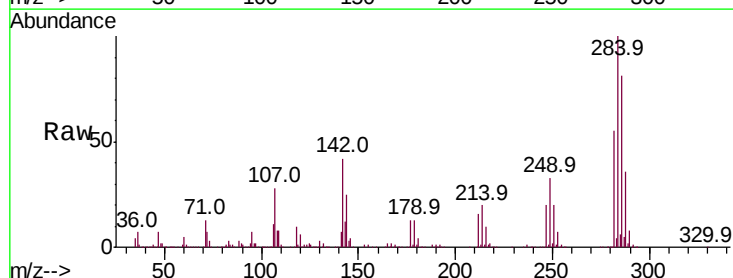
Delta R.T. -0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion:284 Resp: 927949

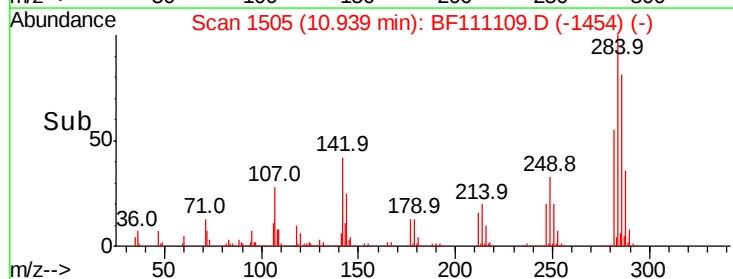
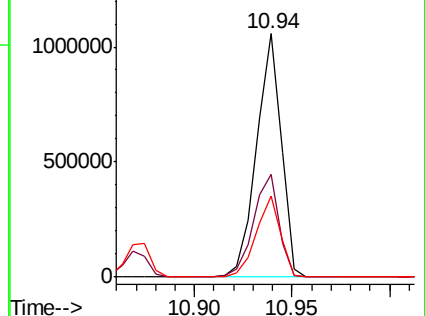
Ion	Ratio	Lower	Upper
284	100		
142	42.3	23.9	35.9#
249	33.3	24.2	36.2

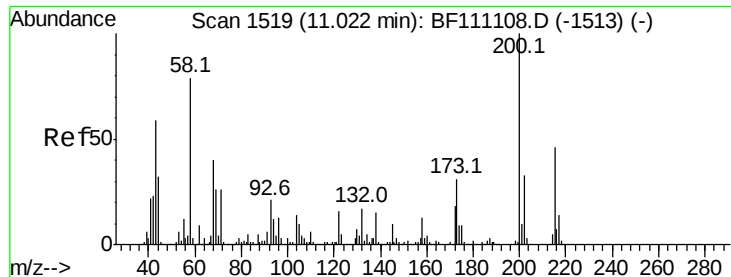


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

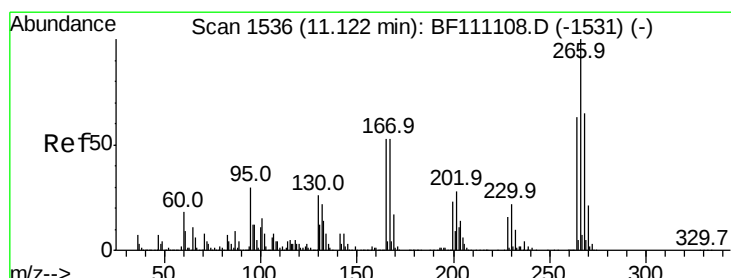
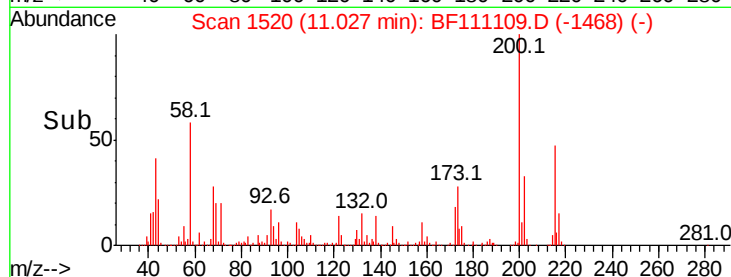
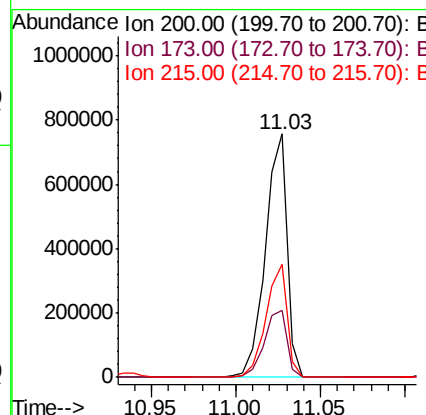
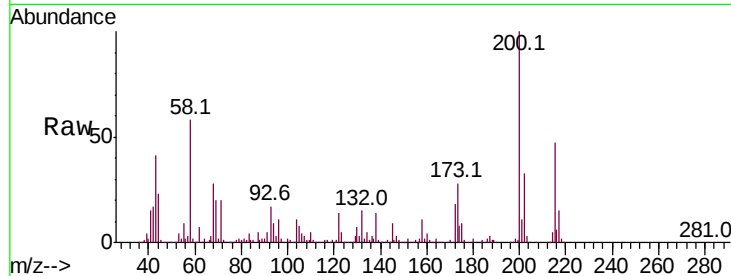




#69
Atrazine
Concen: 43.173 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

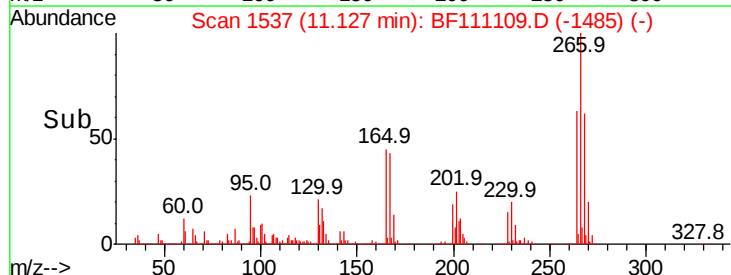
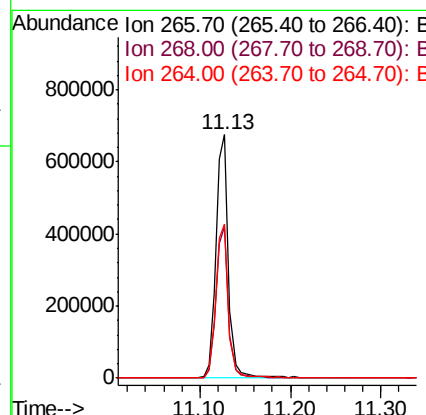
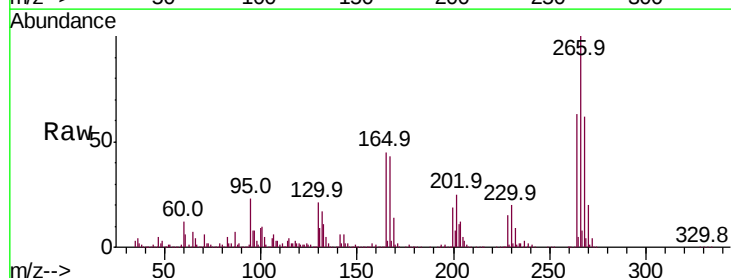
Instrument :
BNA_F
ClientSampleId :

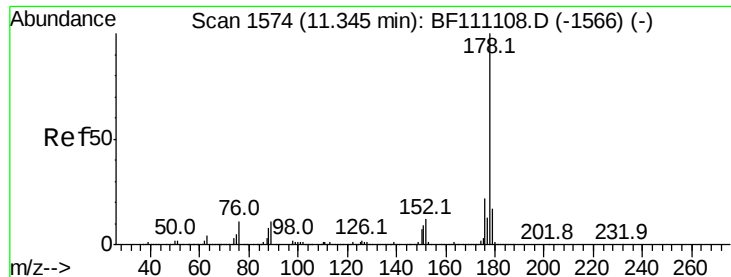
Tot Ion:200 Resp: 674901
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 46.6 26.3 66.3



#70
Pentachlorophenol
Concen: 78.694 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:266 Resp: 662712
Ion Ratio Lower Upper
266 100
268 62.4 50.6 75.8
264 63.3 50.6 75.8

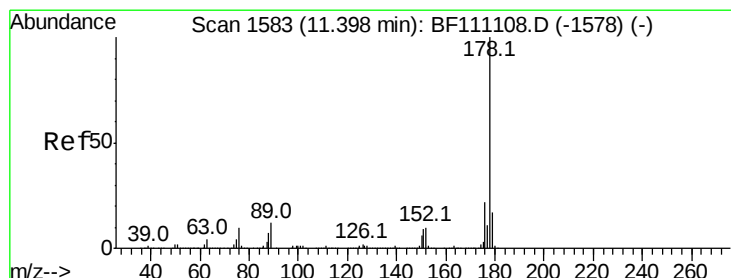
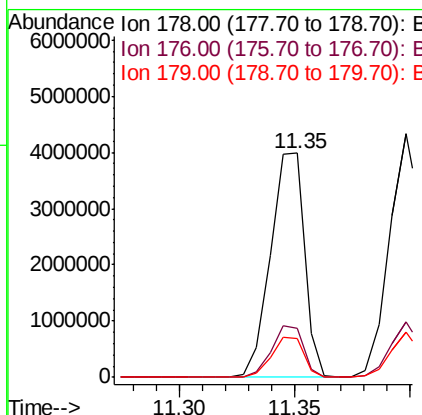
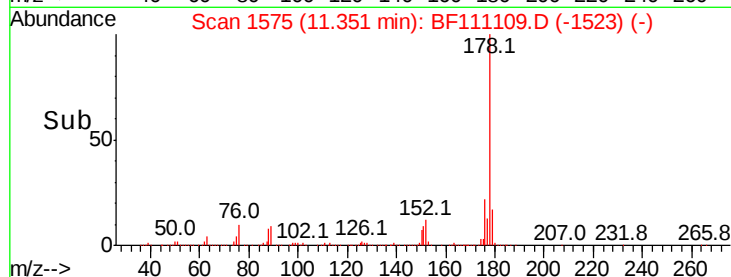
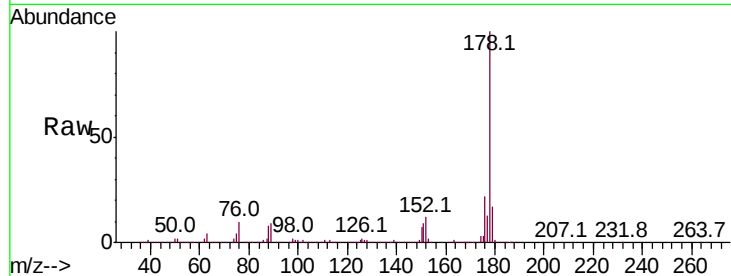




#71
Phenanthrene
Concen: 42.225 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

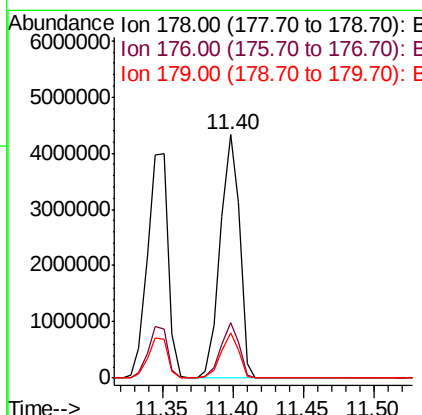
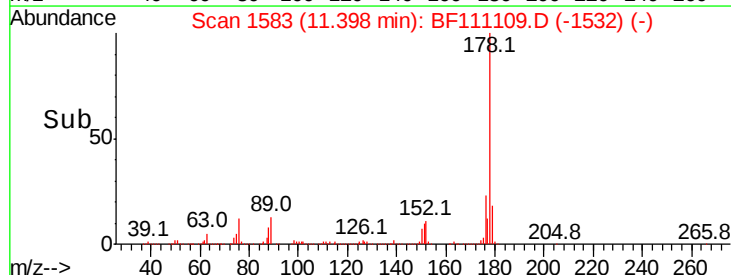
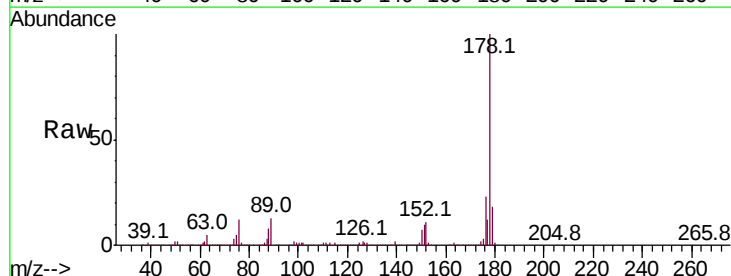
Instrument :
BNA_F
ClientSampled :

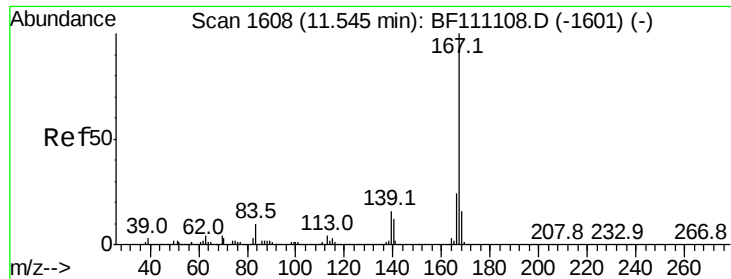
Tot Ion:178 Resp: 4080743
Ion Ratio Lower Upper
178 100
176 22.1 15.5 23.3
179 17.1 12.5 18.7



#72
Anthracene
Concen: 41.926 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:178 Resp: 4126334
Ion Ratio Lower Upper
178 100
176 22.8 15.4 23.2
179 18.4 12.6 18.8



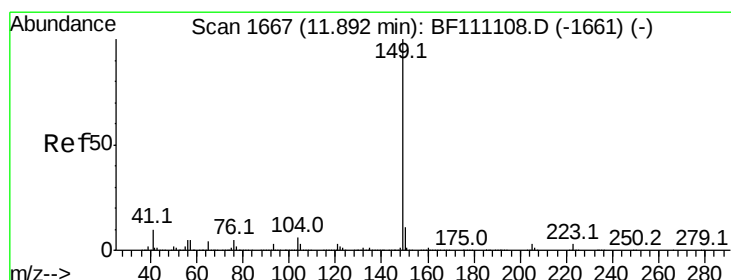
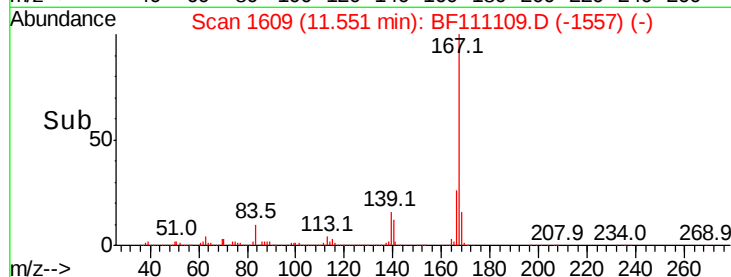
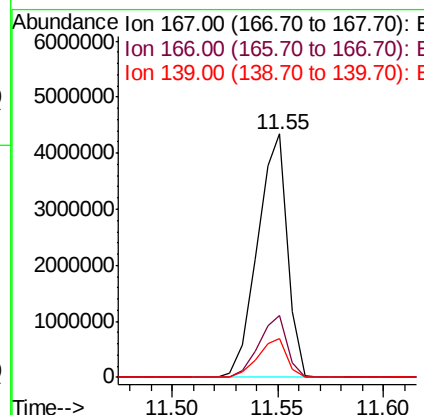
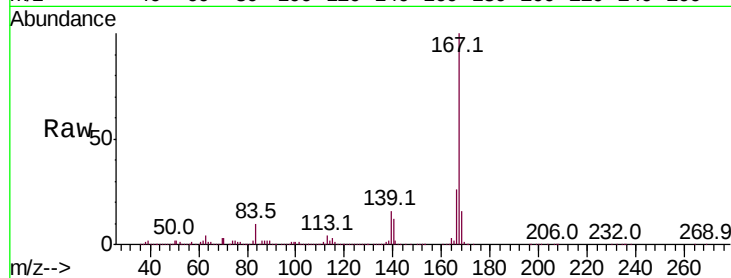


#73
 Carbazole
 Concen: 44.754 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 4275223

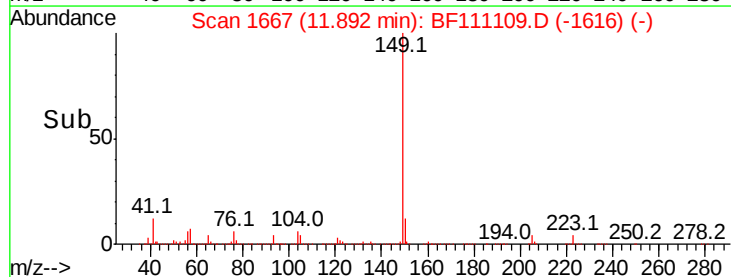
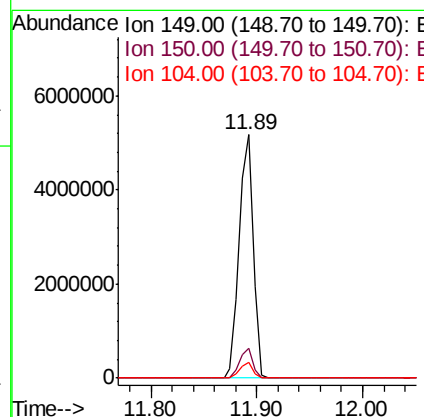
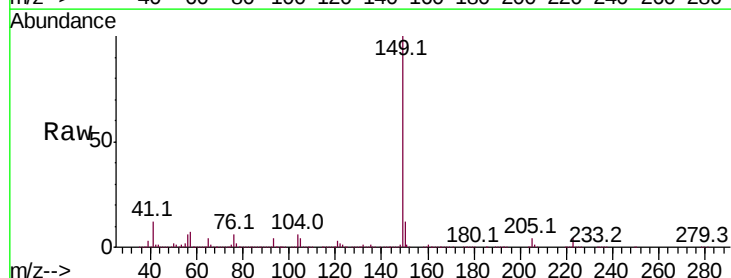
Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.4	26.0
139	16.2	10.9	16.3

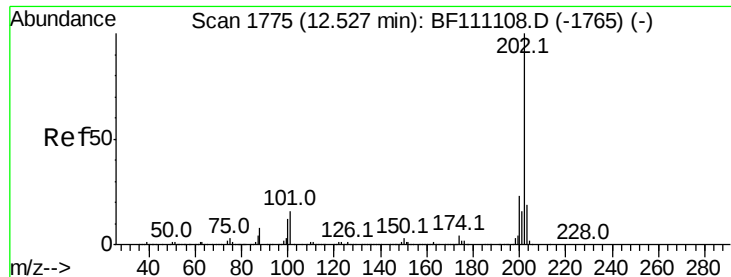


#74
 Di-n-butylphthalate
 Concen: 42.197 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion:149 Resp: 4712963

Ion	Ratio	Lower	Upper
149	100		
150	12.0	7.7	11.5#
104	6.4	4.2	6.4





#75

Fluoranthene

Concen: 40.151 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

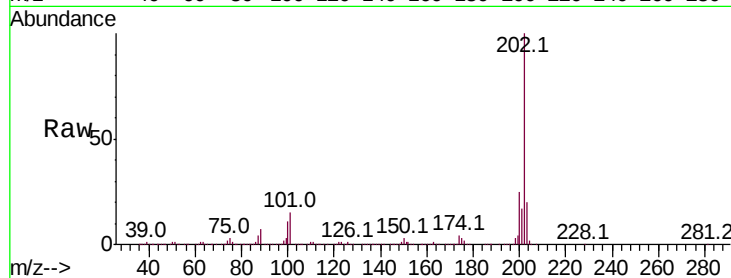
Tot Ion:202 Resp: 3988077

Ion Ratio Lower Upper

202 100

101 14.9 0.0 31.4

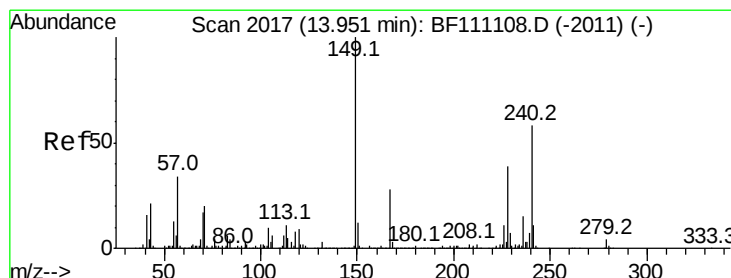
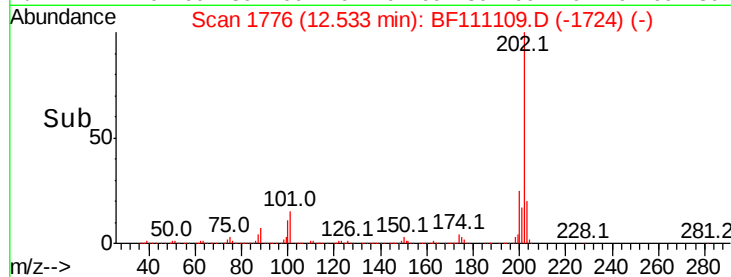
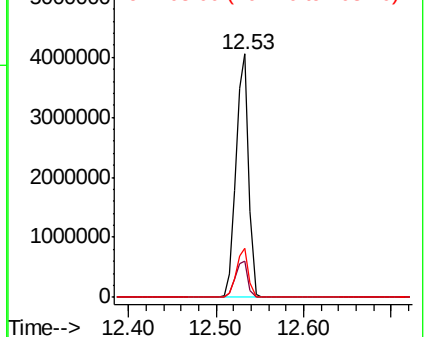
203 20.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

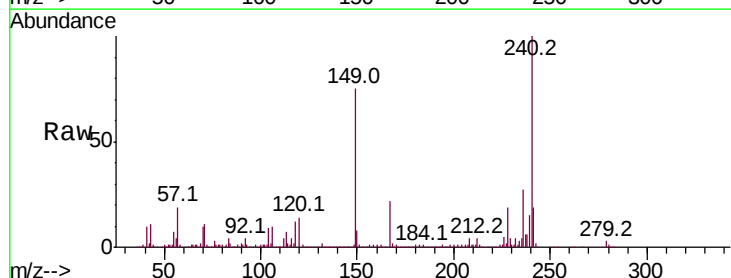
Tgt Ion:240 Resp: 1064352

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

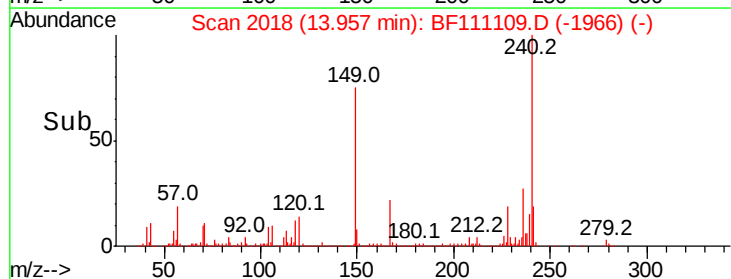
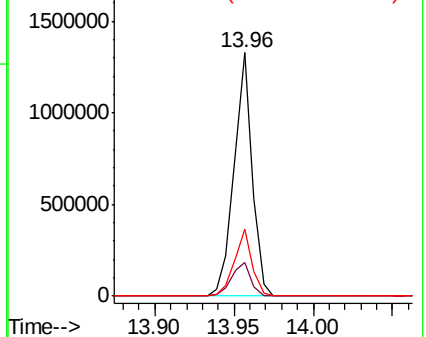
236 27.3 21.2 31.8

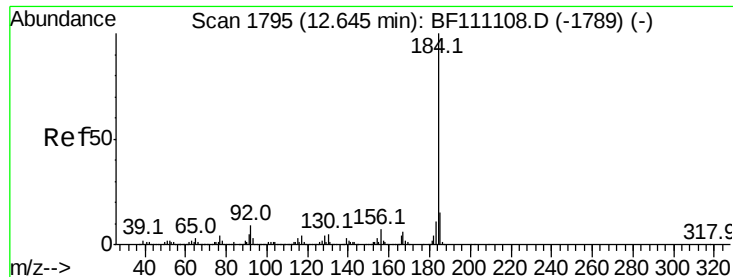


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.041 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

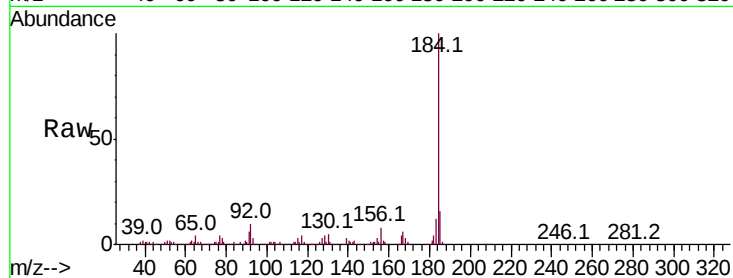
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1389545

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.4	20.2
183	11.6	9.4	14.2

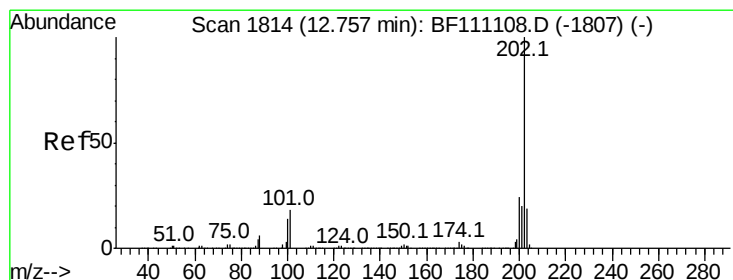
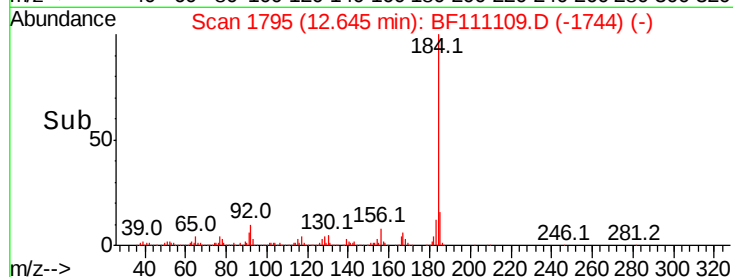
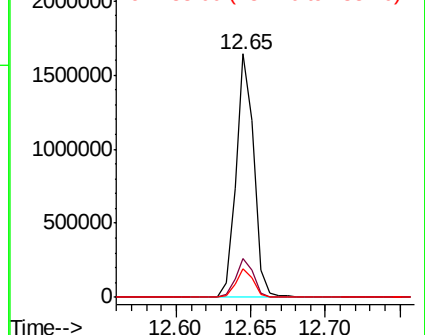


Abundance

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: 52.199 ng

RT: 12.76 min Scan# 1815

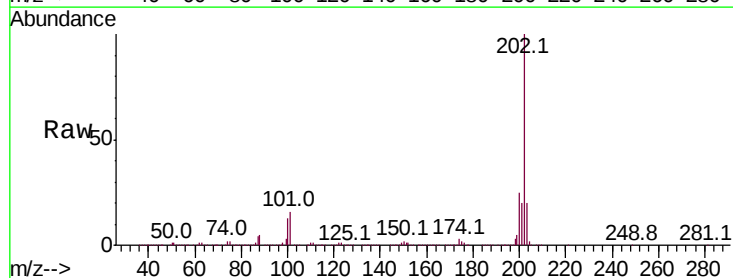
Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion:202 Resp: 4057781

Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.8	26.6
203	19.6	14.2	21.4

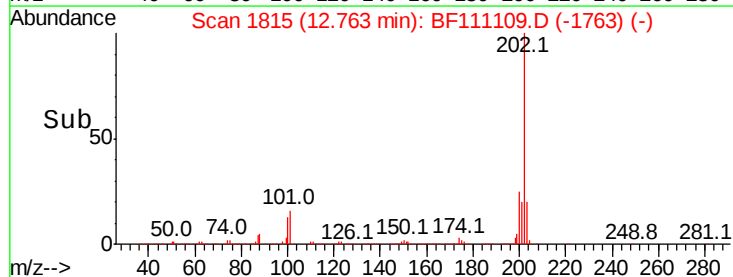
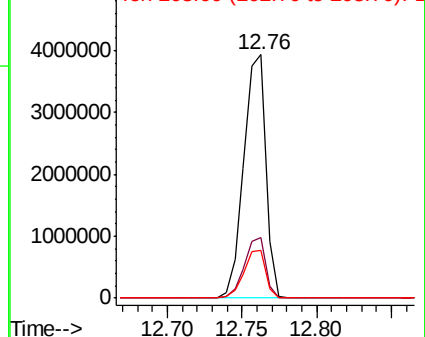


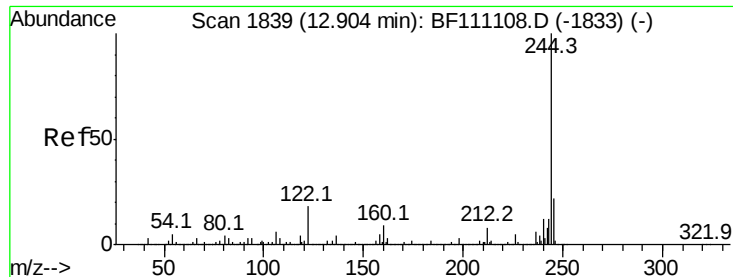
Abundance

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: 90.013 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

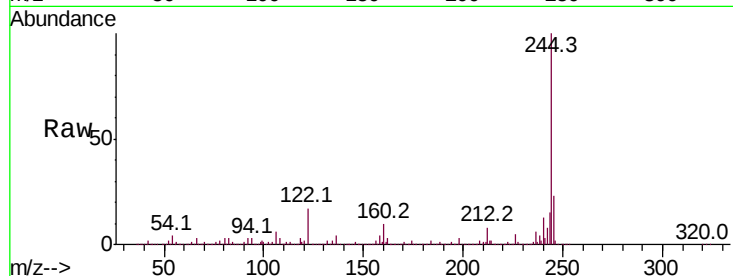
Tot Ion:244 Resp: 4921596

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

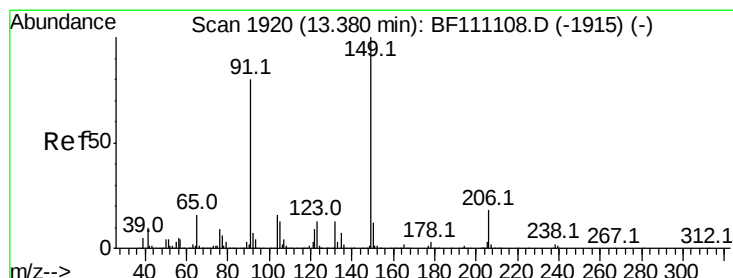
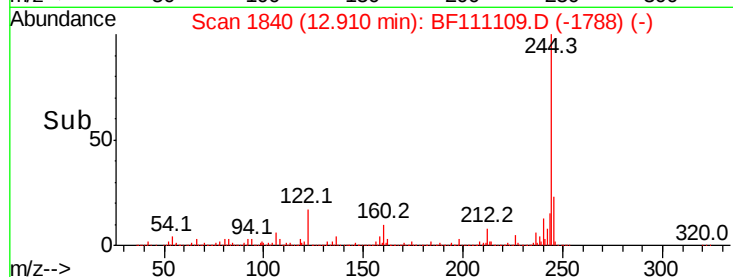
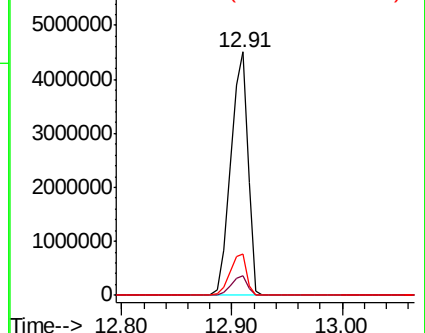
122 16.9 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 58.620 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

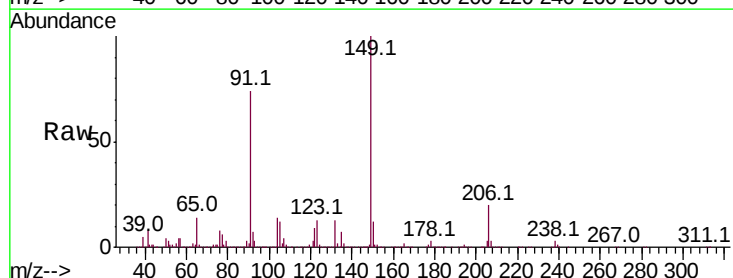
Tgt Ion:149 Resp: 2057382

Ion Ratio Lower Upper

149 100

91 73.9 57.2 85.8

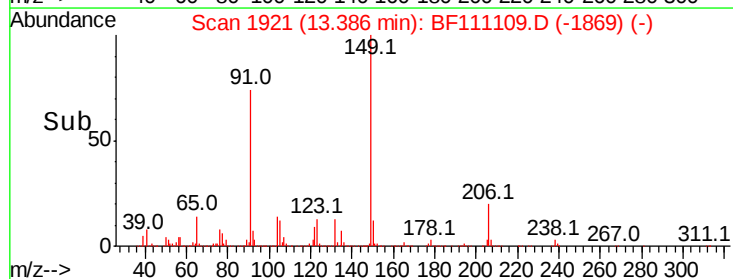
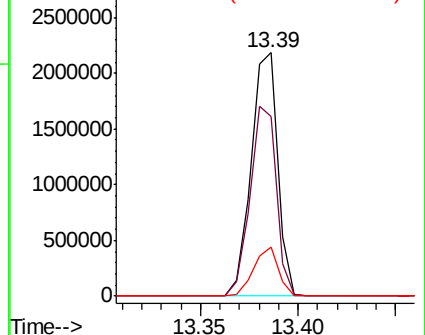
206 20.0 15.7 23.5

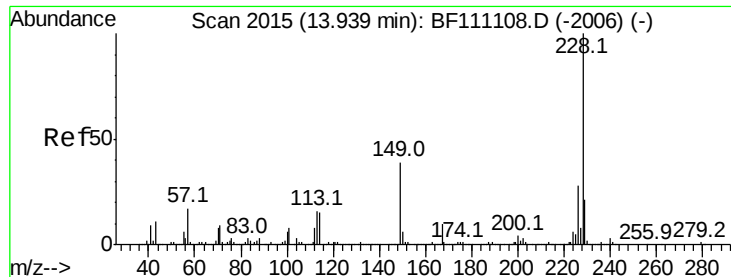


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

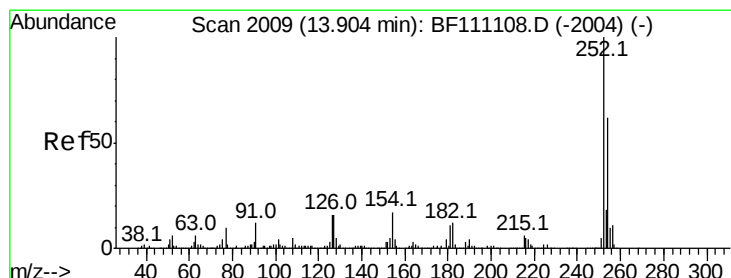
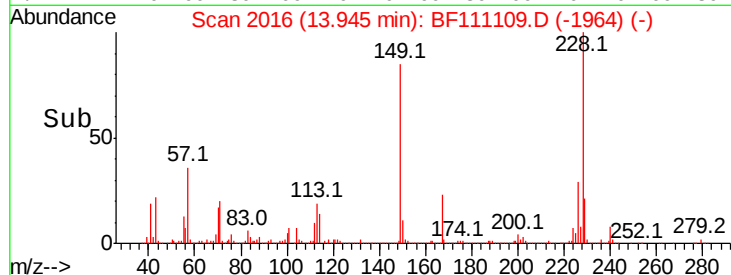
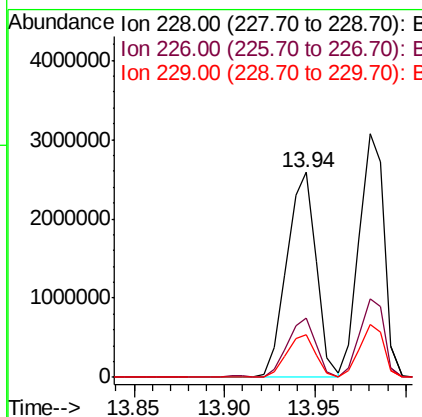
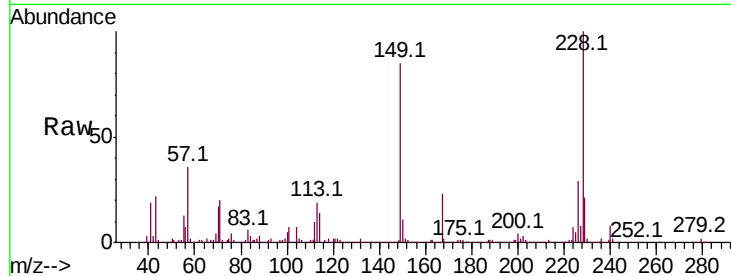




#81
Benzo(a)anthracene
Concen: 46.998 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

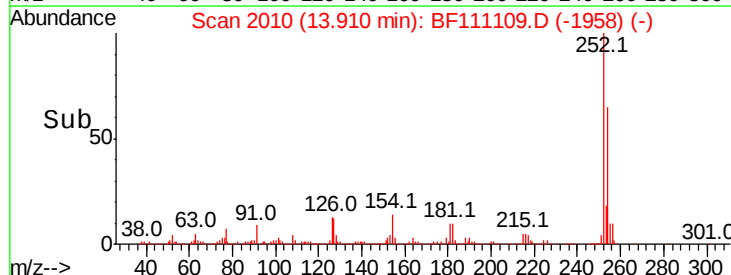
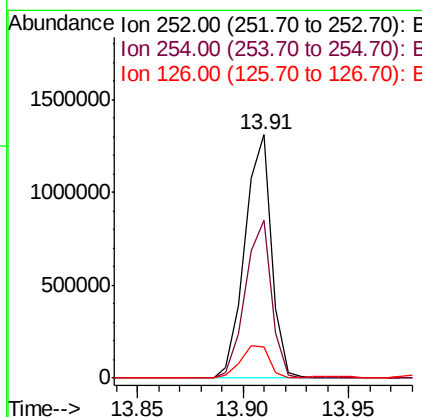
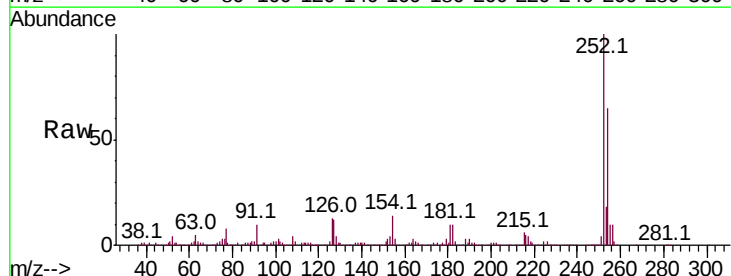
Instrument :
BNA_F
ClientSampleId :

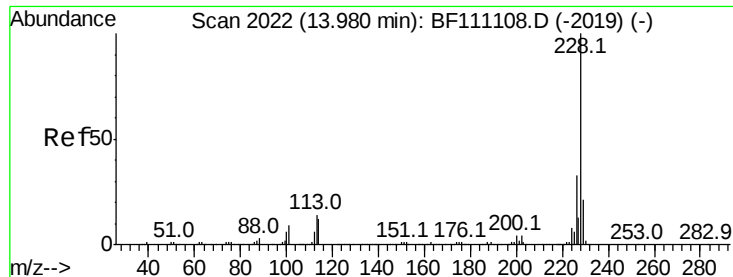
Tot Ion:228 Resp: 2953265
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 20.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 53.107 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:252 Resp: 1144261
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 12.6 9.4 14.2





#83

Chrysene

Concen: 47.860 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

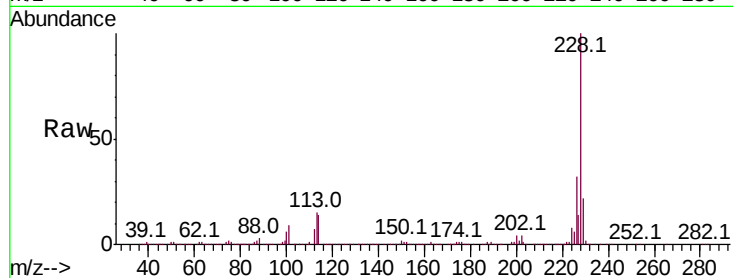
Tot Ion:228 Resp: 2960541

Ion Ratio Lower Upper

228 100

226 32.0 24.7 37.1

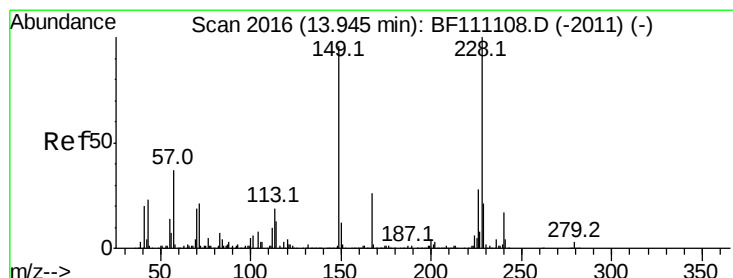
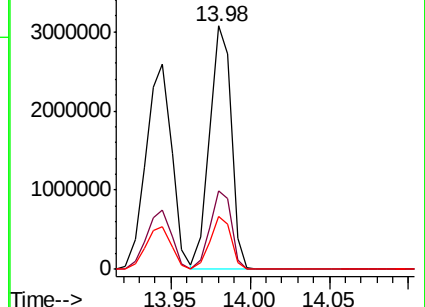
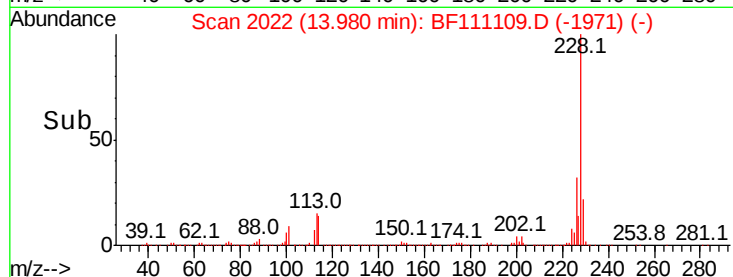
229 21.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.869 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

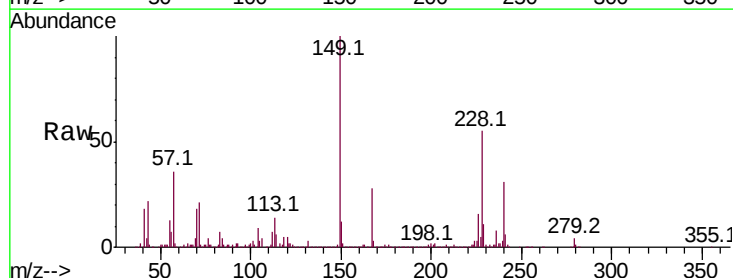
Tgt Ion:149 Resp: 2378929

Ion Ratio Lower Upper

149 100

167 28.4 19.8 29.8

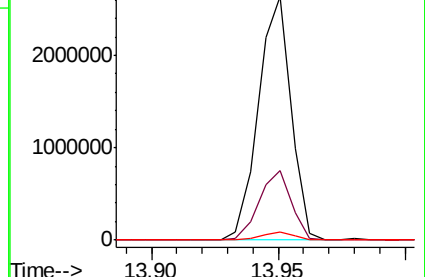
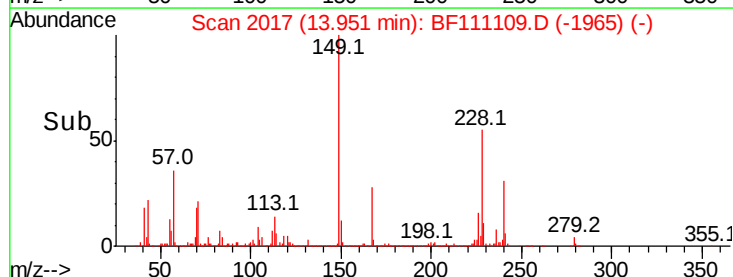
279 3.5 2.7 4.1

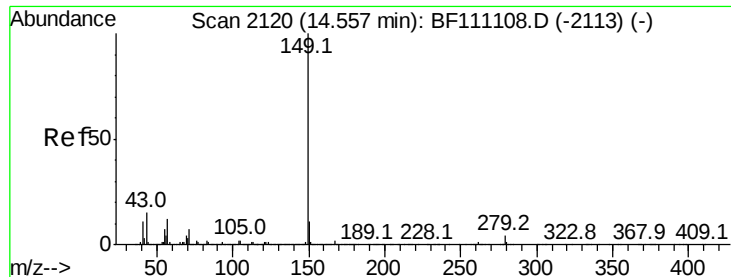


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.063 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

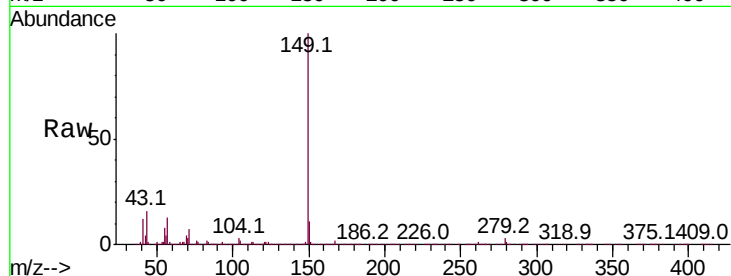
Tot Ion:149 Resp: 3695680

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

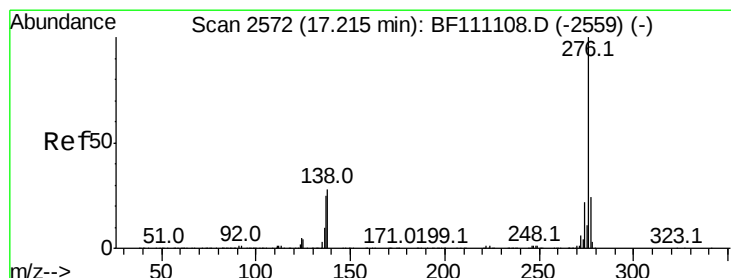
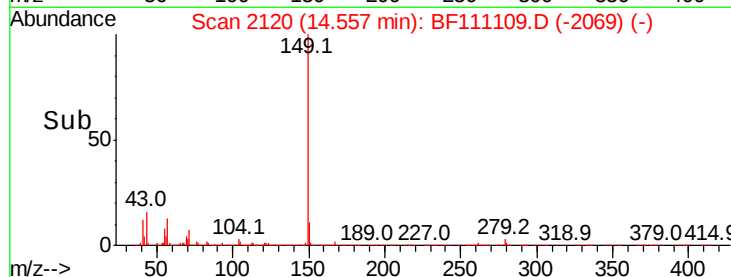
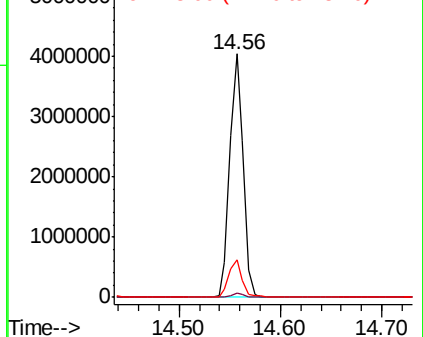
43 15.7 7.8 11.8#



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: 48.847 ng

RT: 17.22 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

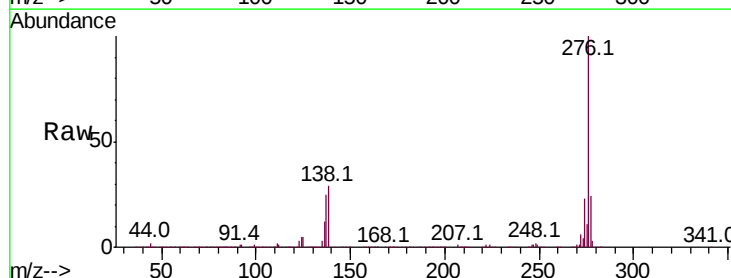
Tgt Ion:276 Resp: 2168918

Ion Ratio Lower Upper

276 100

138 29.9 18.5 27.7#

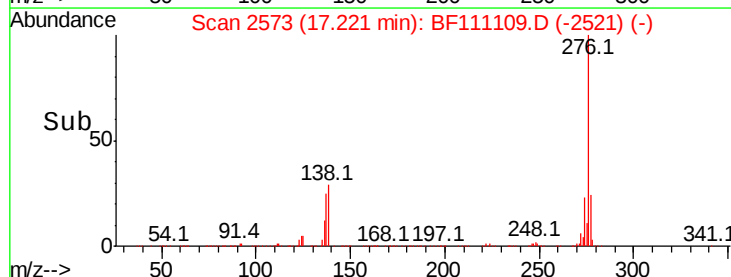
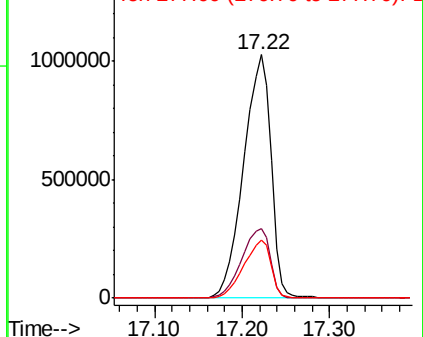
277 23.8 20.0 30.0

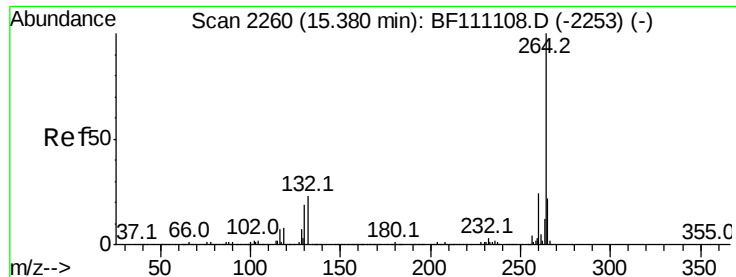


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.39 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

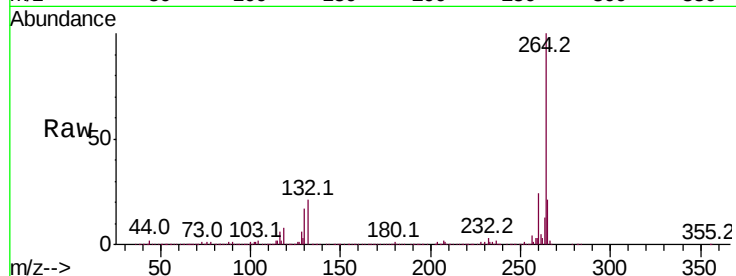
Tot Ion:264 Resp: 944122

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

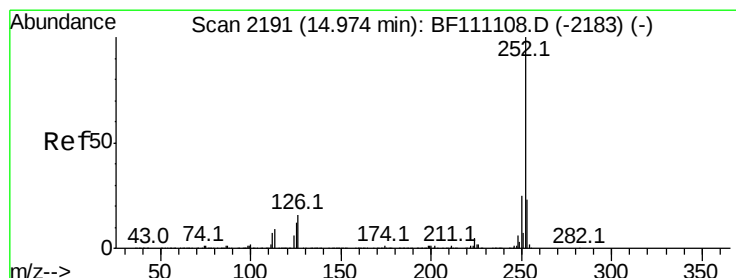
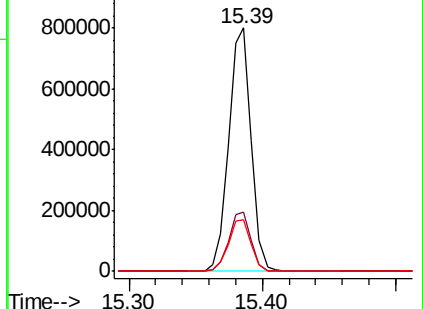
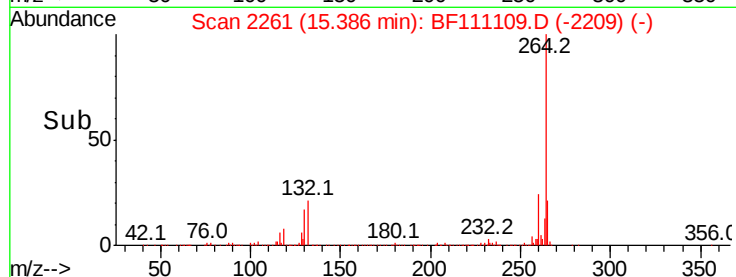
265 21.2 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.922 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

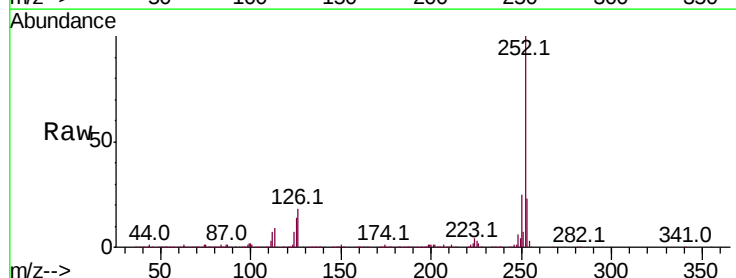
Tgt Ion:252 Resp: 2491514

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

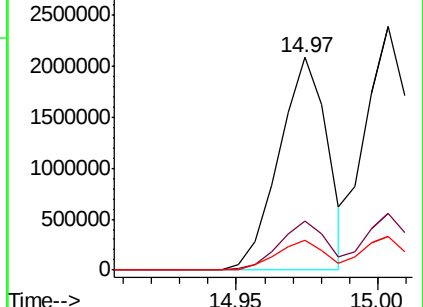
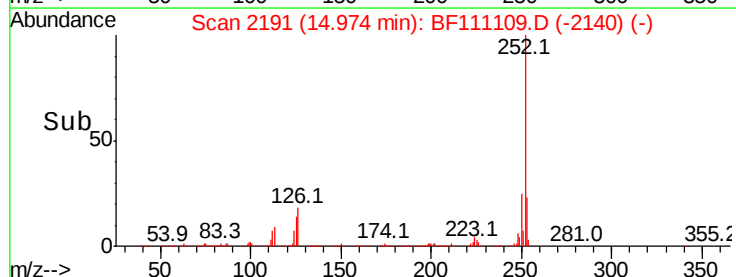
125 13.8 8.2 12.4#

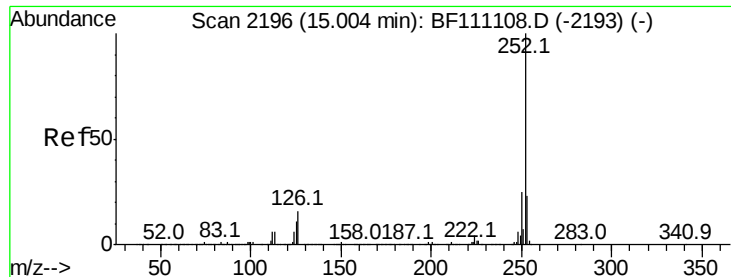


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

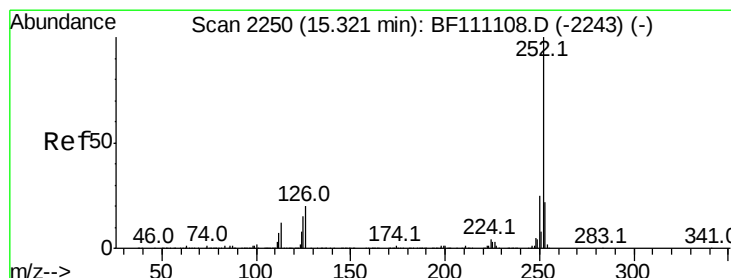
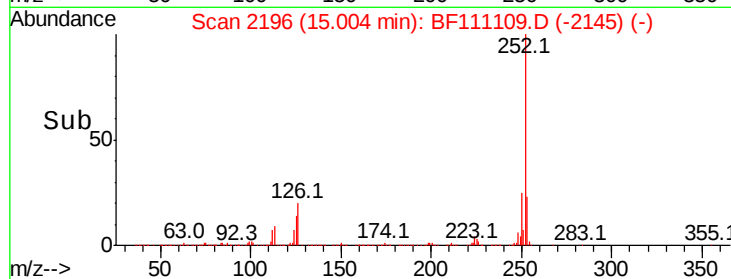
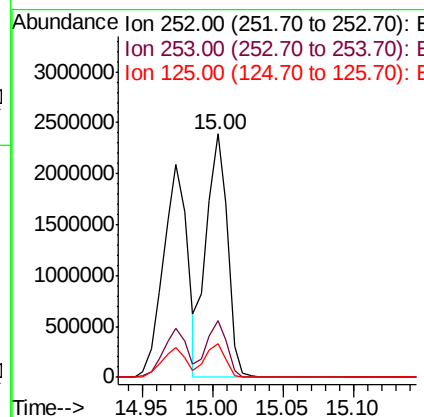
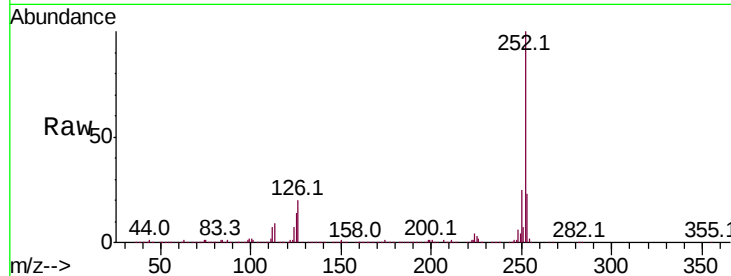




#89
Benzo(k)fluoranthene
Concen: 43.536 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

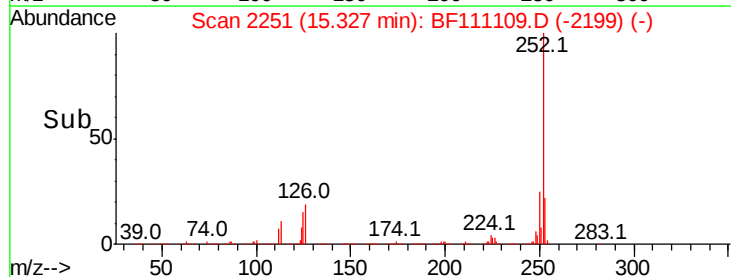
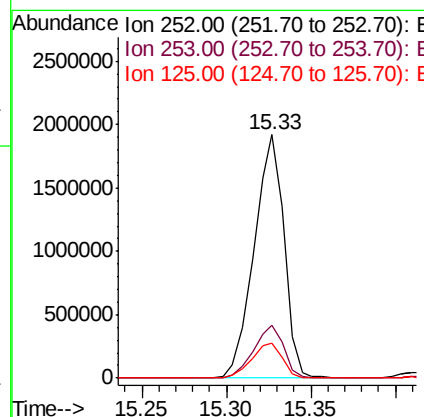
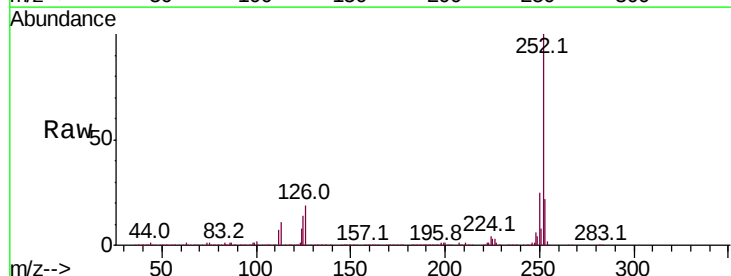
Instrument :
BNA_F
ClientSampleId :

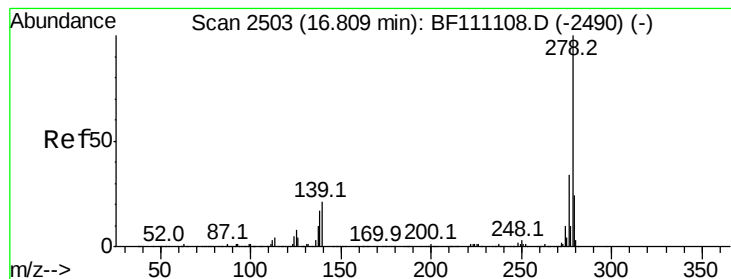
Tot Ion:252 Resp: 2485363
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 14.1 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 45.929 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:252 Resp: 2371179
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 14.4 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 50.670 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

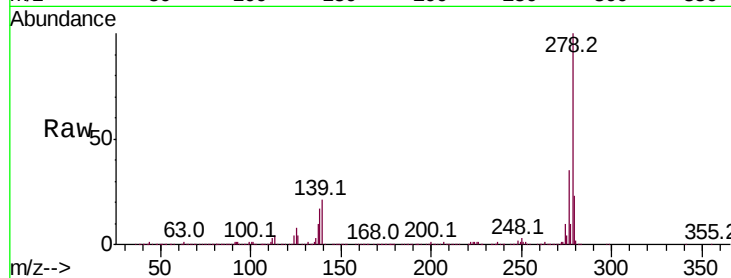
Tot Ion:278 Resp: 2158357

Ion Ratio Lower Upper

278 100

139 21.3 12.7 19.1#

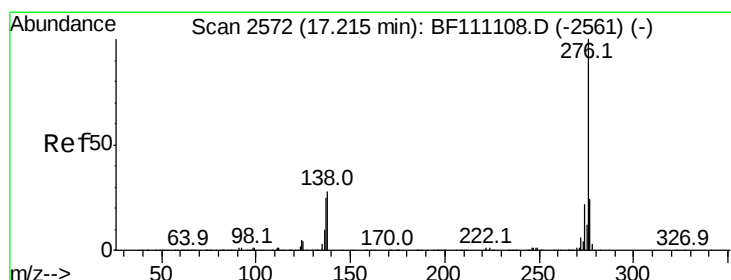
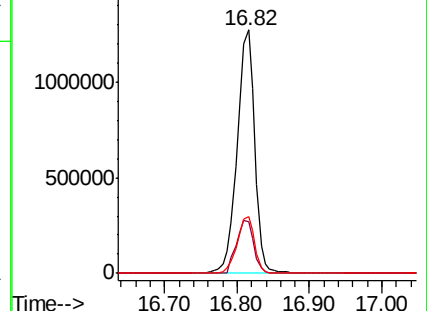
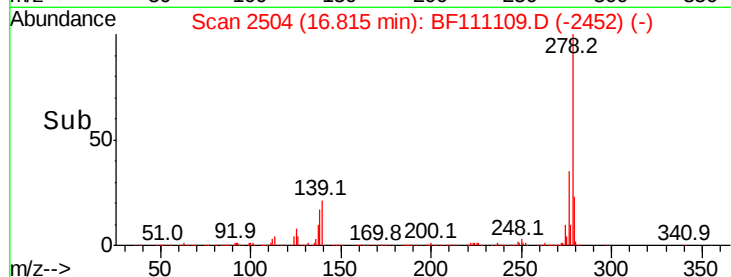
279 23.1 19.0 28.4



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: 52.809 ng

RT: 17.22 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

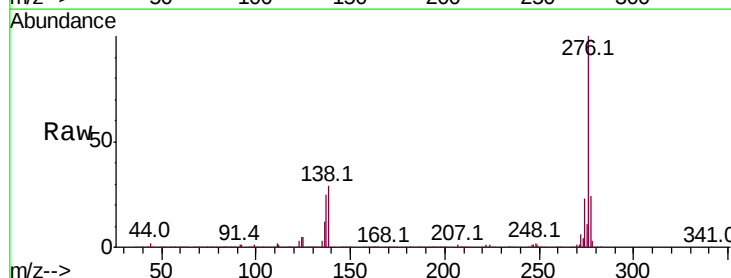
Tgt Ion:276 Resp: 2168918

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 28.8 16.0 24.0#



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

