

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111168.D
 Acq On : 7 Dec 2018 5:55
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 07:33:20 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 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	379939	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1403088	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	535190	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	880959	20.00	ng	0.00
76) Chrysene-d12	13.96	240	633118	20.00	ng	0.01
87) Perylene-d12	15.40	264	481378	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1957234	80.39	ng	0.00
7) Phenol-d6	6.44	99	2426505	77.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	2090993	88.23	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	359134	84.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3028446	108.76	ng	0.00
79) Terphenyl-d14	12.92	244	2662158	86.11	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	568891	40.621	ng	98
3) Pyridine	3.25	79	1258574	40.519	ng	99
4) n-Nitrosodimethylamine	3.18	42	604929	39.555	ng	98
6) Aniline	6.47	93	1563829	37.320	ng	100
8) 2-Chlorophenol	6.59	128	1095454	39.034	ng	95
9) Benzaldehyde	6.36	77	715373	43.195	ng	100
10) Phenol	6.45	94	1401847	40.991	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	1087658	38.913	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1185857	39.732	ng	98
13) 1,4-Dichlorobenzene	6.83	146	1189065	39.588	ng	97
14) 1,2-Dichlorobenzene	6.99	146	1089274	38.986	ng	98
15) Benzyl Alcohol	6.95	79	913537	36.760	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2033882	37.407	ng	99
17) 2-Methylphenol	7.06	107	860727	37.363	ng	99
18) Hexachloroethane	7.33	117	331161	29.391	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	763348	36.216	ng	92
20) 3+4-Methylphenols	7.22	107	1050654	37.394	ng	93
22) Acetophenone	7.22	105	1365864	40.283	ng	# 89
24) Nitrobenzene	7.39	77	1086591	42.617	ng	96
25) Isophorone	7.63	82	1701889	39.129	ng	98
26) 2-Nitrophenol	7.70	139	438768	40.728	ng	96
27) 2,4-Dimethylphenol	7.75	122	798574	39.360	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	1202946	40.856	ng	99
29) 2,4-Dichlorophenol	7.95	162	791404	39.622	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	829791	41.159	ng	99
31) Naphthalene	8.12	128	2581620	42.260	ng	98
32) Benzoic acid	7.83	122	291319	21.774	ng	99
33) 4-Chloroaniline	8.16	127	1143207	38.714	ng	97
34) Hexachlorobutadiene	8.24	225	464924	42.435	ng	99
35) Caprolactam	8.52	113	256519	34.978	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	783079	35.792	ng	94
37) 2-Methylnaphthalene	8.80	142	1567800	37.206	ng	99
38) 1-Methylnaphthalene	8.90	142	1503450	37.111	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	672046	47.115	ng	98

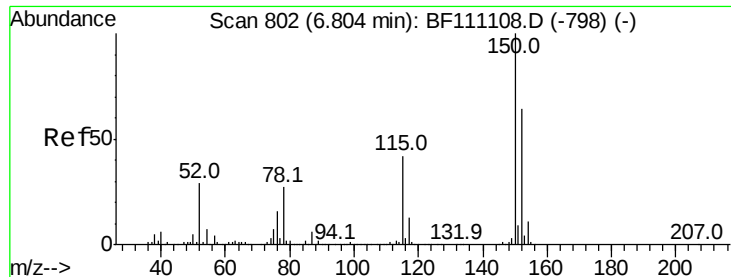
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	24404	3.245	ng	96
43) 2,4,6-Trichlorophenol	9.08	196	449550	43.152	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	447684	42.392	ng	96
46) 1,1'-Biphenyl	9.27	154	2010152	45.881	ng	97
47) 2-Chloronaphthalene	9.29	162	1475848	43.350	ng	97
48) 2-Nitroaniline	9.38	65	520549	47.181	ng	98
49) Acenaphthylene	9.70	152	2097245	44.071	ng	97
50) Dimethylphthalate	9.57	163	1694293	45.488	ng	97
51) 2,6-Dinitrotoluene	9.62	165	319275	40.430	ng	93
52) Acenaphthene	9.88	154	1233170	39.225	ng	98
53) 3-Nitroaniline	9.79	138	462348	46.610	ng	92
54) 2,4-Dinitrophenol	9.89	184	5624	8.666	ng	# 1
55) Dibenzofuran	10.05	168	1851657	42.762	ng	95
56) 4-Nitrophenol	9.94	139	283459	37.921	ng	96
57) 2,4-Dinitrotoluene	10.02	165	364619	35.750	ng	94
58) Fluorene	10.39	166	1268445	41.540	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	317610	40.296	ng	95
60) Diethylphthalate	10.27	149	1593140	42.800	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	648452	43.091	ng	97
62) 4-Nitroaniline	10.40	138	424249	47.388	ng	96
63) Azobenzene	10.54	77	1541303	38.893	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	14359	3.945	ng	99
66) n-Nitrosodiphenylamine	10.50	169	1272180	41.241	ng	97
67) 4-Bromophenyl-phenylether	10.87	248	384517	41.233	ng	95
68) Hexachlorobenzene	10.94	284	392257	41.136	ng	98
69) Atrazine	11.03	200	310583	42.218	ng	97
70) Pentachlorophenol	11.13	266	265101	42.276	ng	99
71) Phenanthrene	11.35	178	1831473	43.220	ng	97
72) Anthracene	11.40	178	1884591	44.121	ng	96
73) Carbazole	11.56	167	1963866	44.185	ng	96
74) Di-n-butylphthalate	11.90	149	2312062	44.439	ng	97
75) Fluoranthene	12.54	202	1934330	46.649	ng	98
77) Benzidine	12.66	184	994064	Below	Cal	99
78) Pyrene	12.77	202	2014634	40.844	ng	97
80) Butylbenzylphthalate	13.39	149	1057523	44.382	ng	93
81) Benzo(a)anthracene	13.95	228	1449762	39.083	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	653430	46.677	ng	97
83) Chrysene	13.99	228	1453477	39.470	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	1357835	47.178	ng	97
85) Di-n-octyl phthalate	14.56	149	2226042	49.199	ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	1039662	35.163	ng	# 88
88) Benzo(b)fluoranthene	14.99	252	1081970	39.666	ng	99
89) Benzo(k)fluoranthene	15.02	252	1124921	42.660	ng	98
90) Benzo(a)pyrene	15.34	252	1013053	40.490	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	890328	42.405	ng	99
92) Benzo(g,h,i)perylene	17.24	276	858914	40.709	ng	99

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

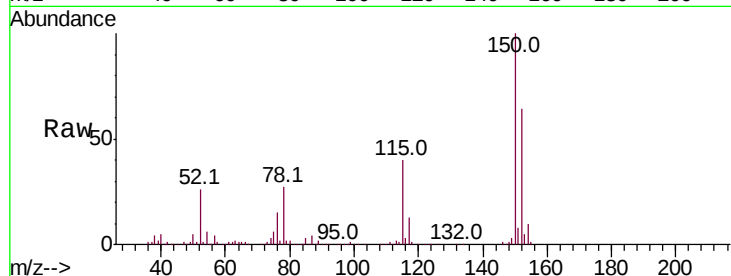


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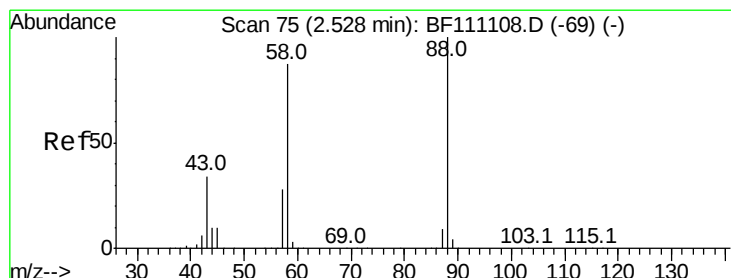
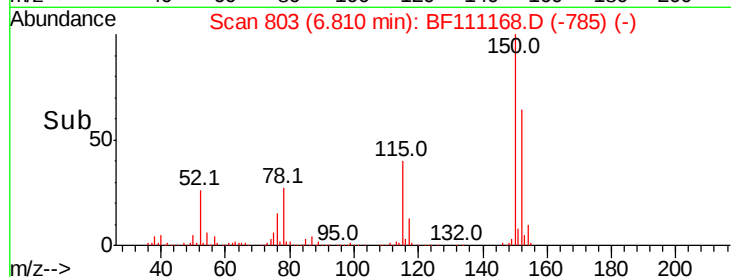
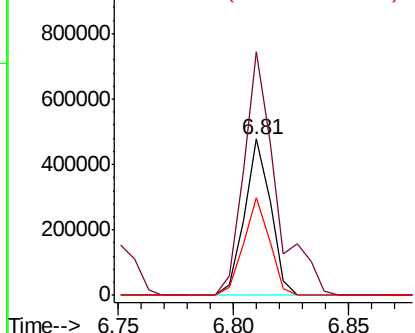
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 379939
Ion Ratio Lower Upper
152 100
150 155.7 124.6 187.0
115 62.7 52.2 78.2



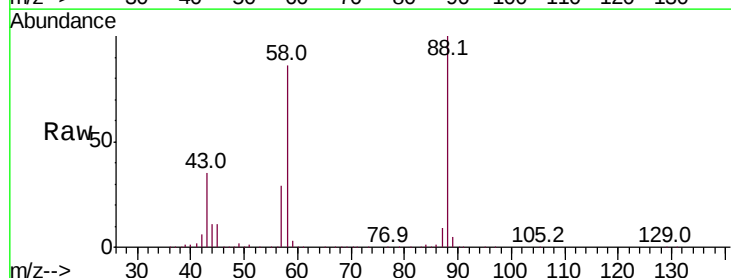
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



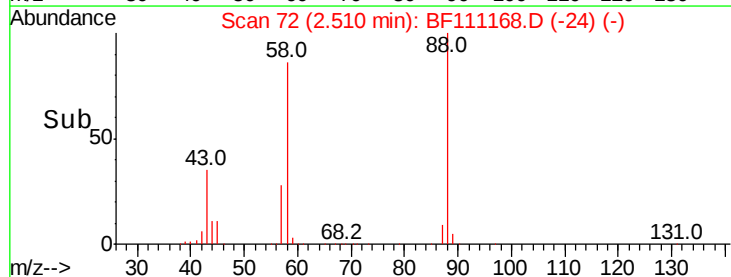
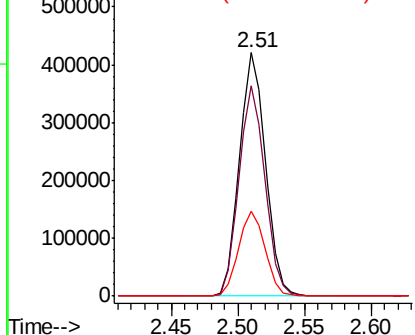
#2

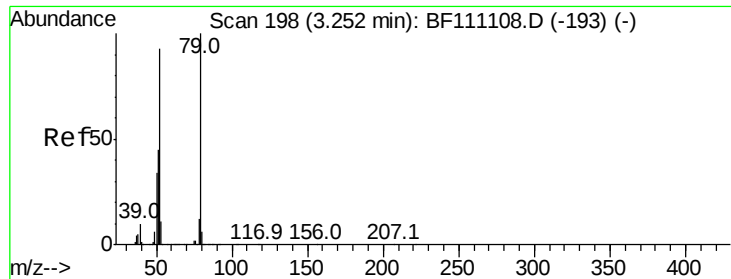
1,4-Dioxane
Concen: 40.621 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion: 88 Resp: 568891
Ion Ratio Lower Upper
88 100
58 86.3 70.8 106.2
43 35.3 28.3 42.5



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: 40.519 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

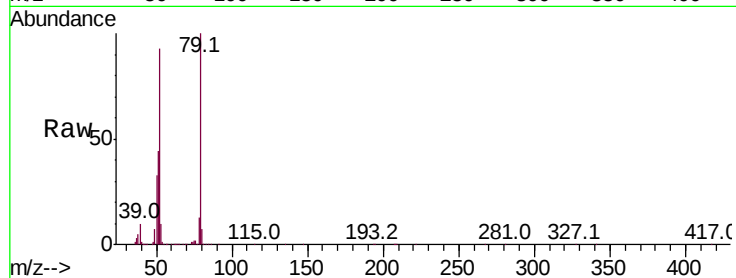
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1258574

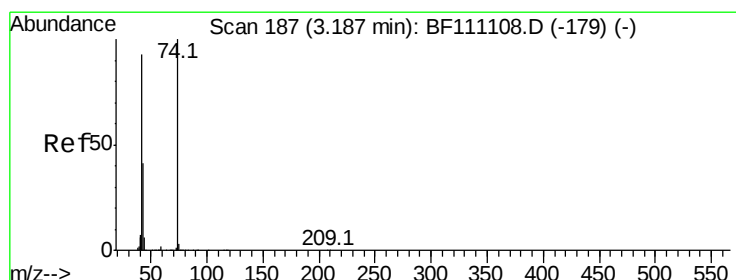
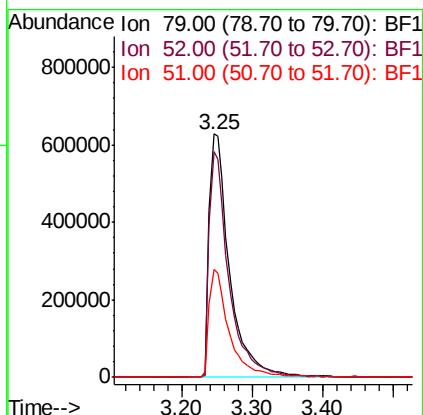
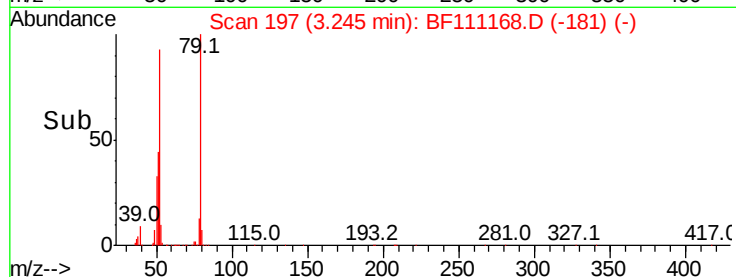
Ion	Ratio	Lower	Upper
79	100		
52	92.5	74.7	112.1
51	44.5	35.9	53.9



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: 39.555 ng

RT: 3.18 min Scan# 186

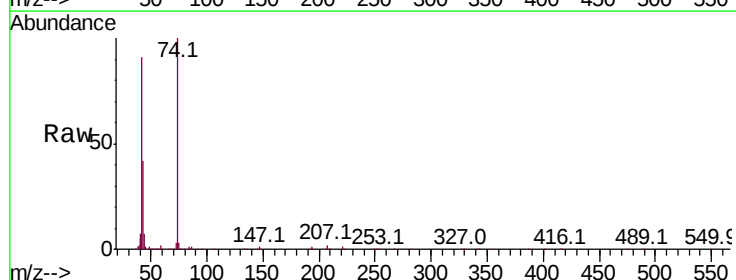
Delta R.T. -0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Tgt Ion: 42 Resp: 604929

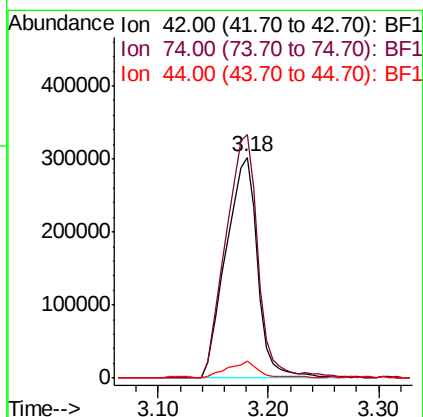
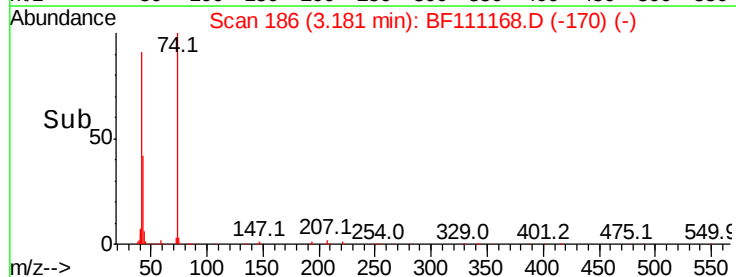
Ion	Ratio	Lower	Upper
42	100		
74	110.4	86.2	129.2
44	7.4	5.7	8.5

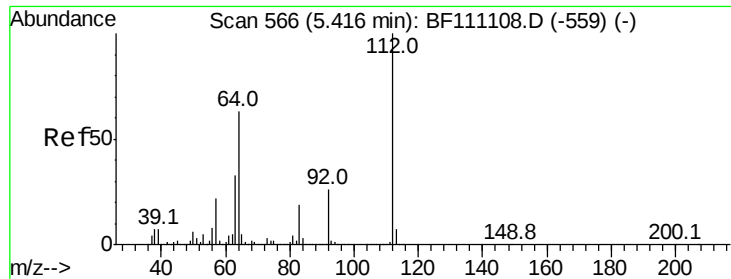


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.386 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

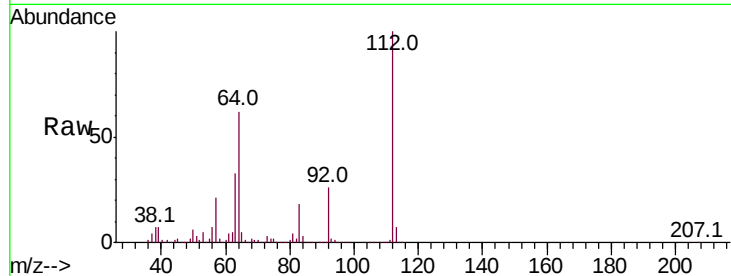
Tot Ion:112 Resp: 1957234

Ion Ratio Lower Upper

112 100

64 62.3 50.2 75.4

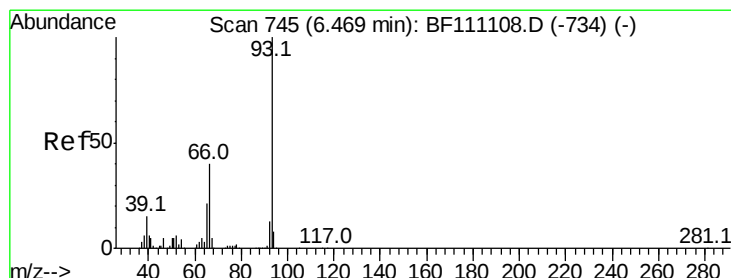
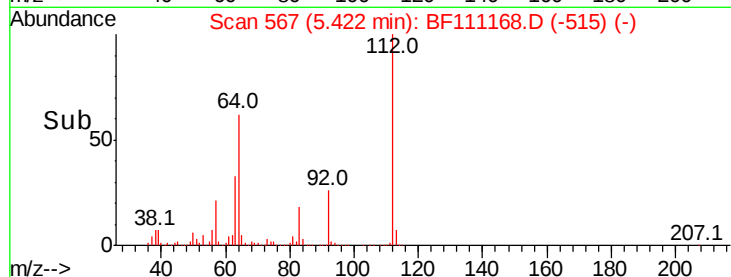
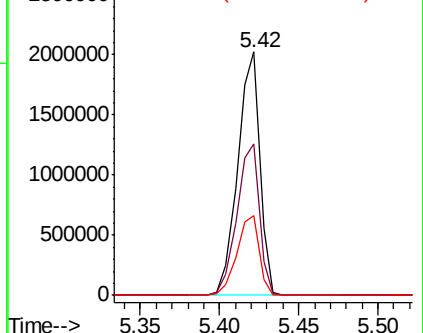
63 32.8 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.320 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

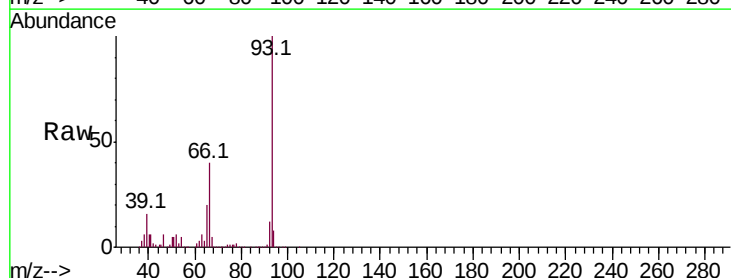
Tgt Ion: 93 Resp: 1563829

Ion Ratio Lower Upper

93 100

66 39.7 31.8 47.8

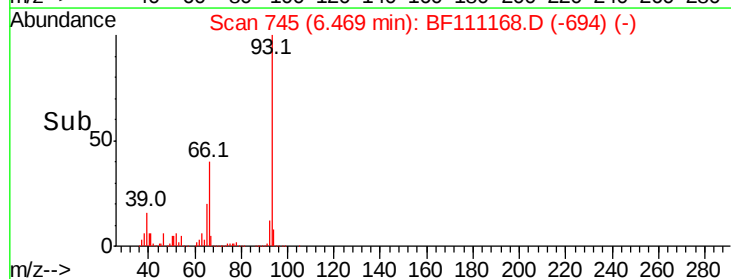
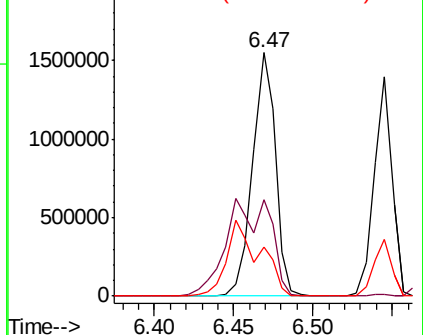
65 20.4 16.6 24.8

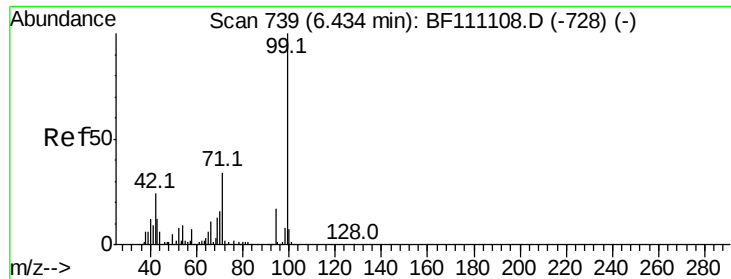


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.365 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

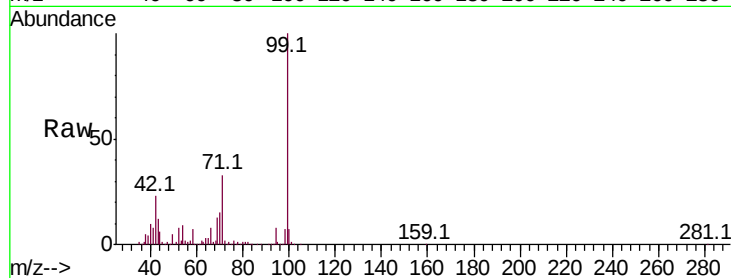
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2426505

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.3	28.9
71	33.4	27.4	41.2

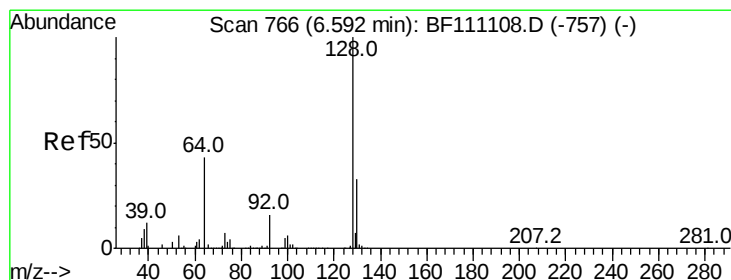
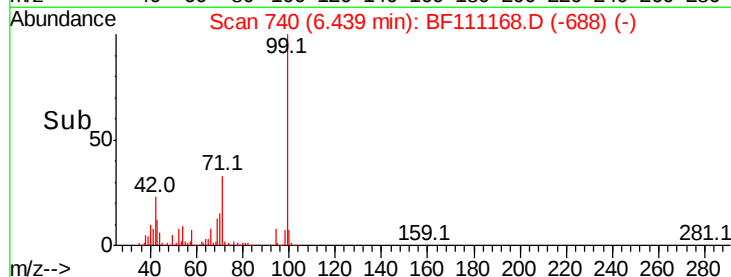
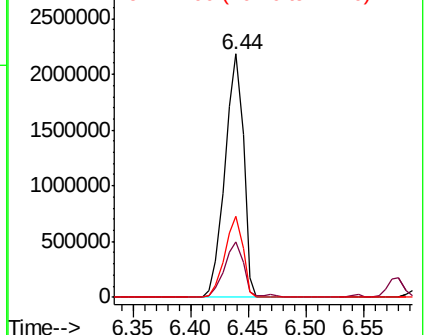


Abundance

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: 39.034 ng

RT: 6.59 min Scan# 766

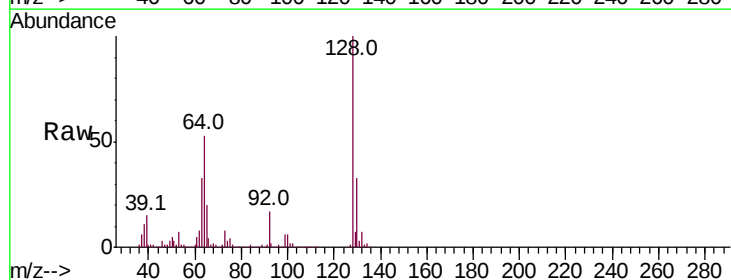
Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Tgt Ion: 128 Resp: 1095454

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	52.8	26.6	66.6

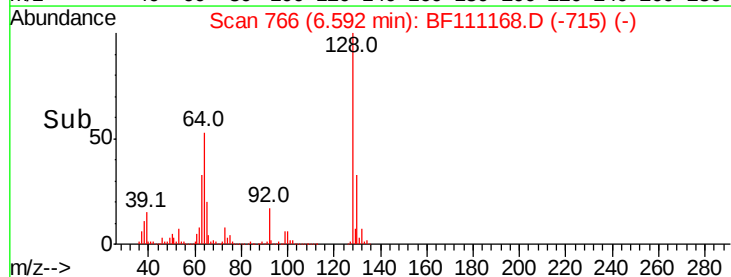
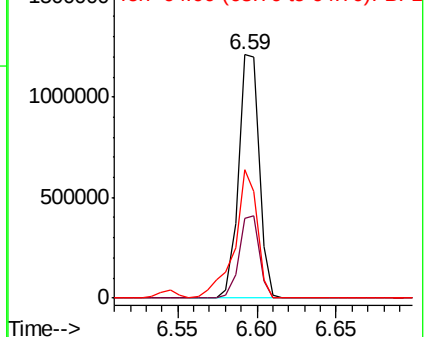


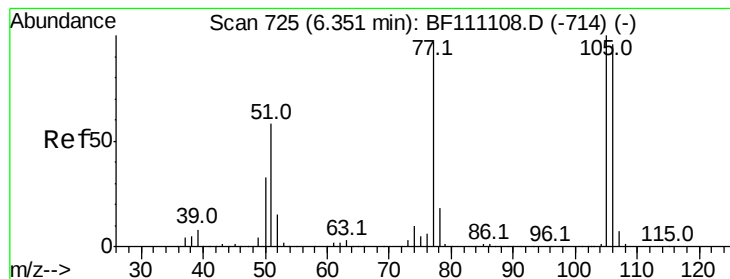
Abundance

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: 43.195 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampled :

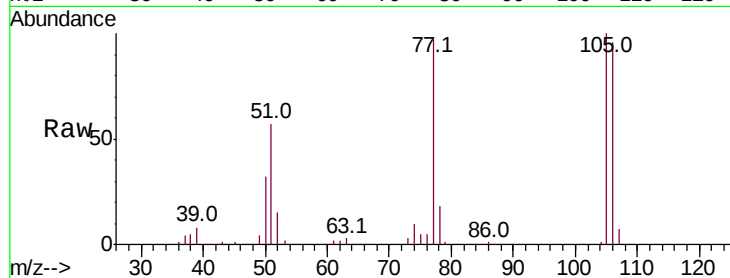
Tot Ion: 77 Resp: 715373

Ion Ratio Lower Upper

77 100

105 103.0 83.1 123.1

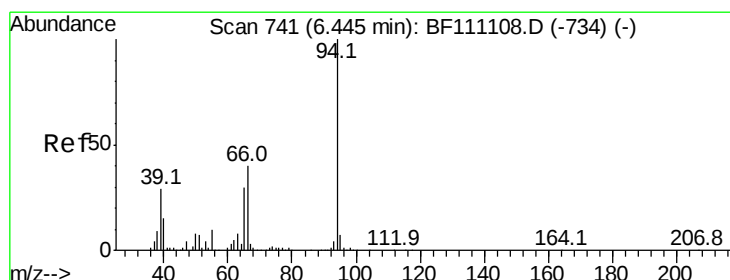
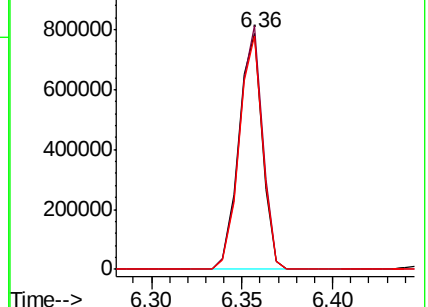
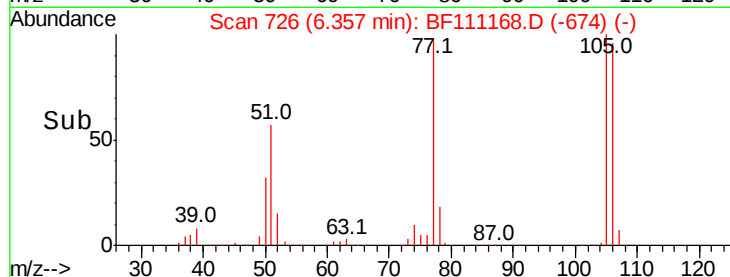
106 98.6 79.0 119.0



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: 40.991 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

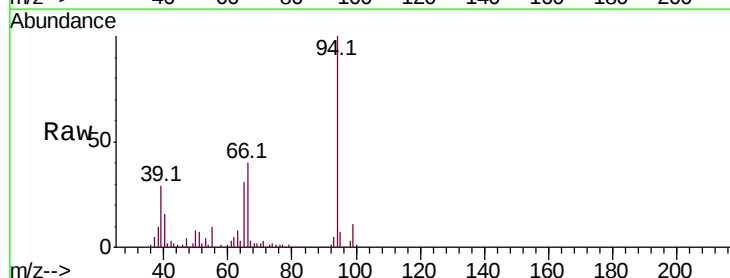
Tgt Ion: 94 Resp: 1401847

Ion Ratio Lower Upper

94 100

65 31.0 10.5 50.5

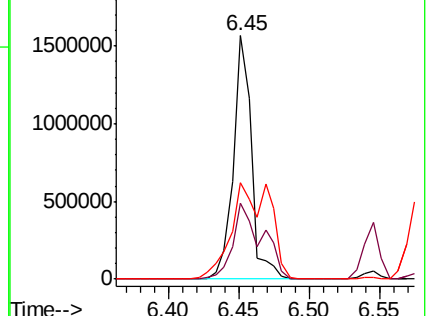
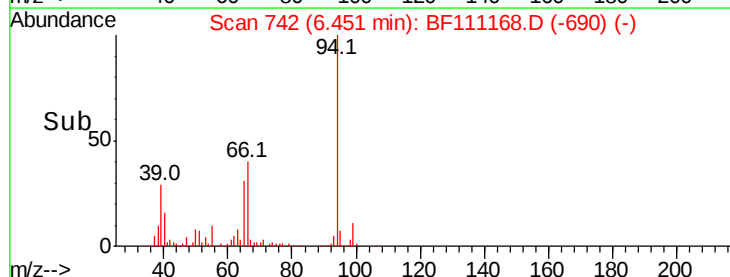
66 39.8 19.8 59.8

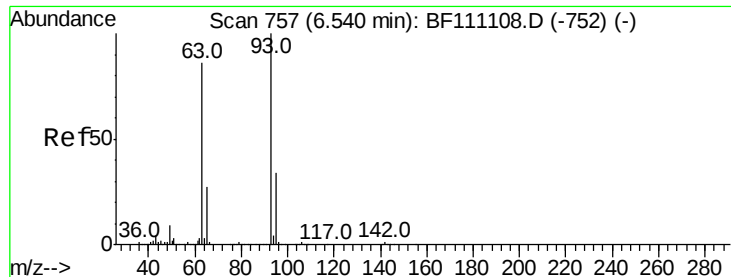


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

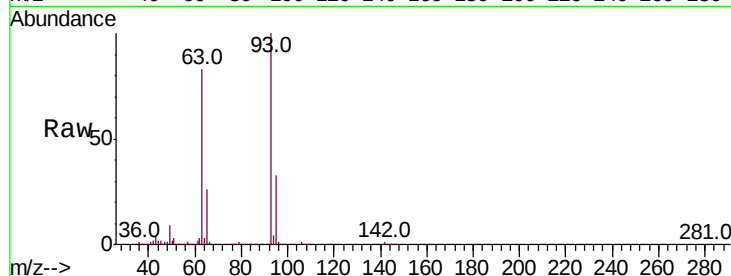




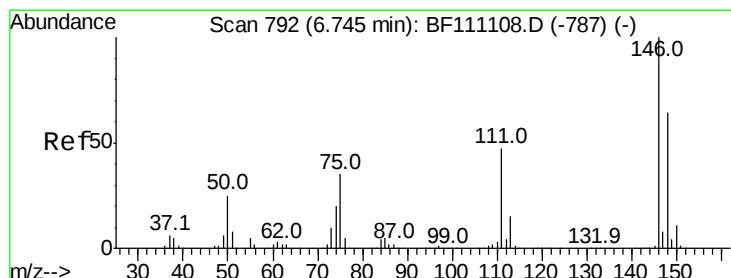
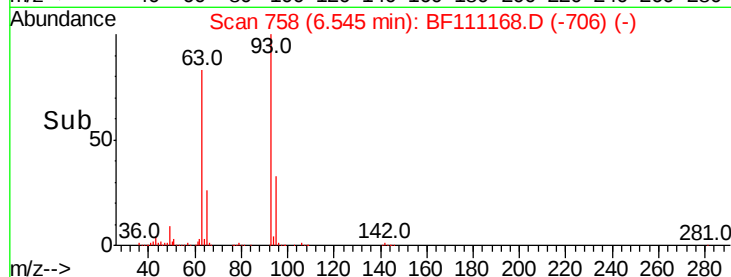
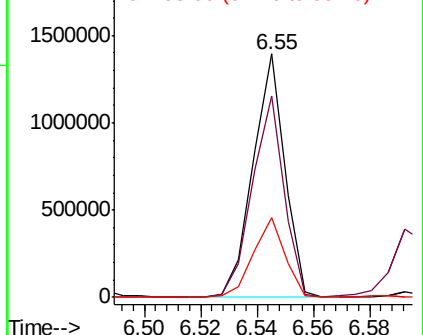
#11
bis(2-Chloroethyl)ether
Concen: 38.913 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1087658
Ion Ratio Lower Upper
93 100
63 82.6 66.0 106.0
95 32.7 14.3 54.3

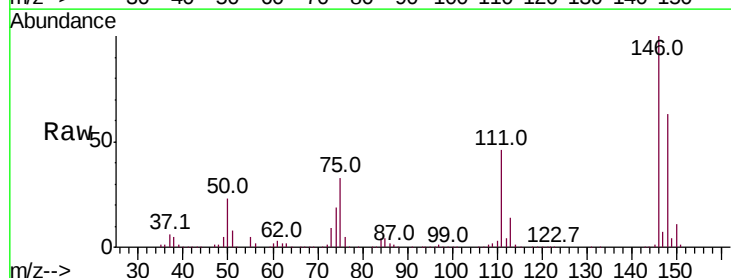


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

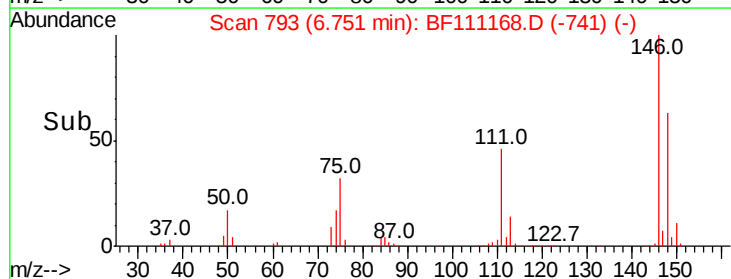
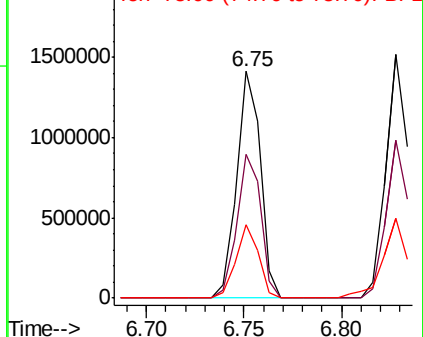


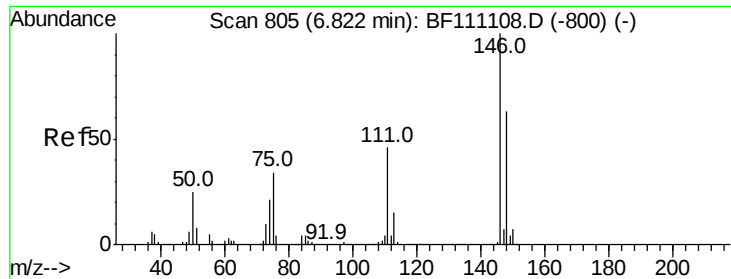
#12
1,3-Dichlorobenzene
Concen: 39.732 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion: 146 Resp: 1185857
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 32.6 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

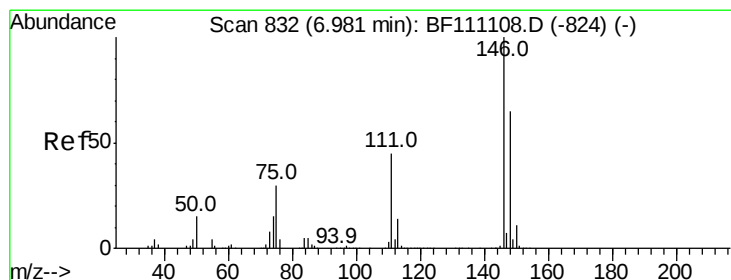
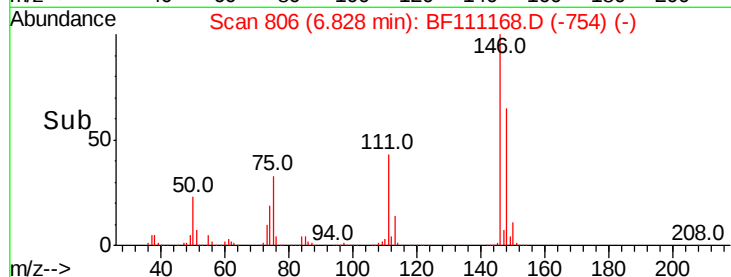
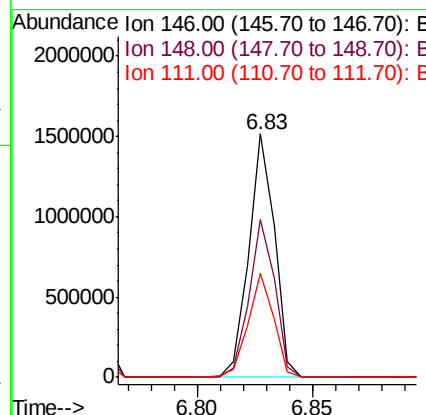
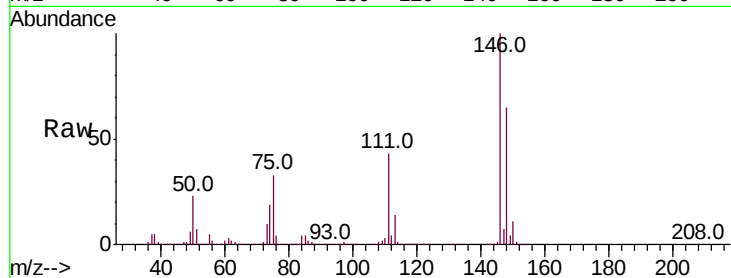




#13
 1,4-Dichlorobenzene
 Concen: 39.588 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

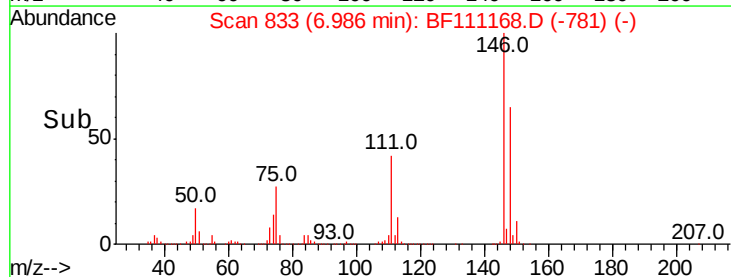
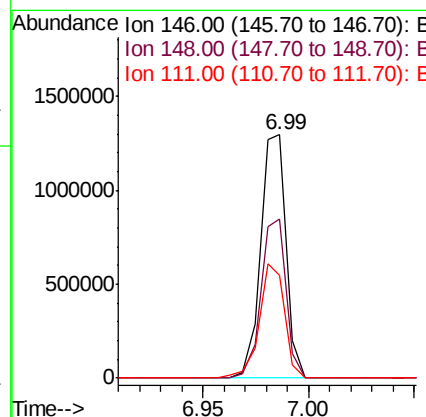
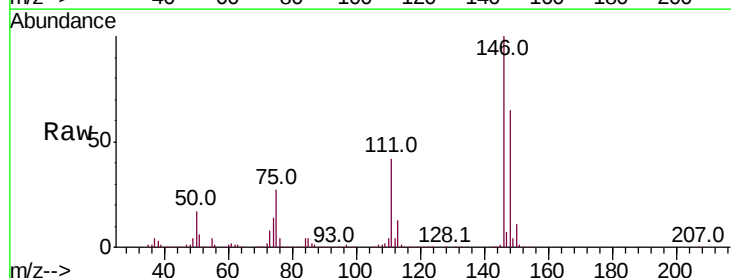
Instrument :
 BNA_F
 ClientSampleId :

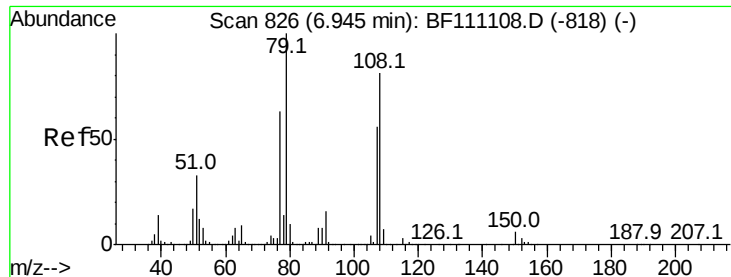
Tot Ion:146 Resp: 1189065
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 111 42.9 36.6 55.0



#14
 1,2-Dichlorobenzene
 Concen: 38.986 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion:146 Resp: 1089274
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 42.3 35.7 53.5





#15

Benzyl Alcohol

Concen: 36.760 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampled :

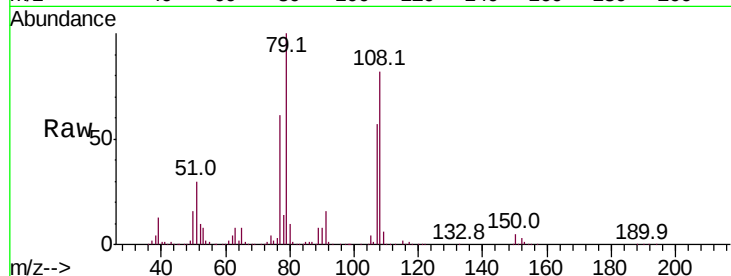
Tot Ion: 79 Resp: 913537

Ion Ratio Lower Upper

79 100

108 82.0 64.5 96.7

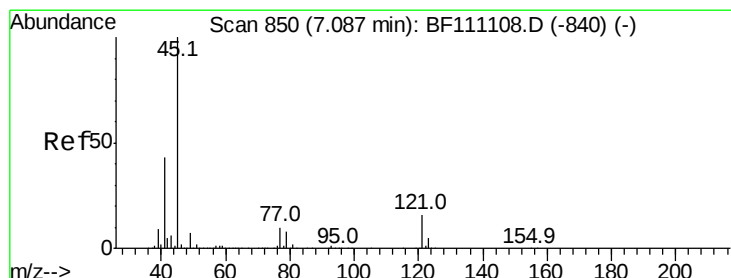
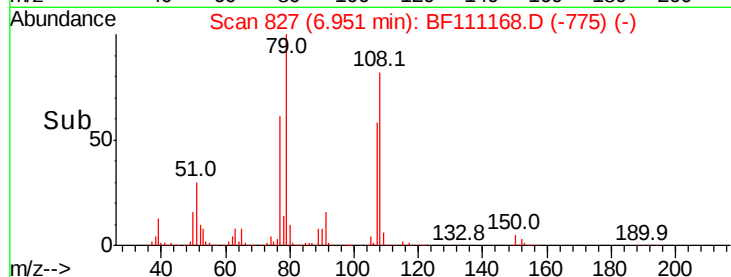
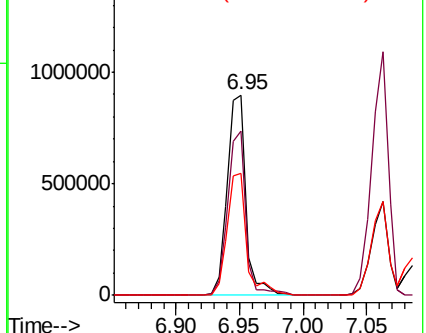
77 60.7 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.407 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

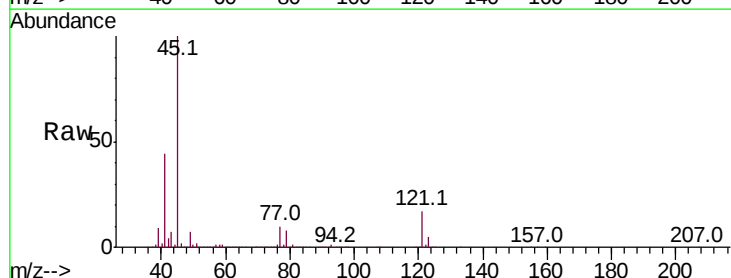
Tgt Ion: 45 Resp: 2033882

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.6

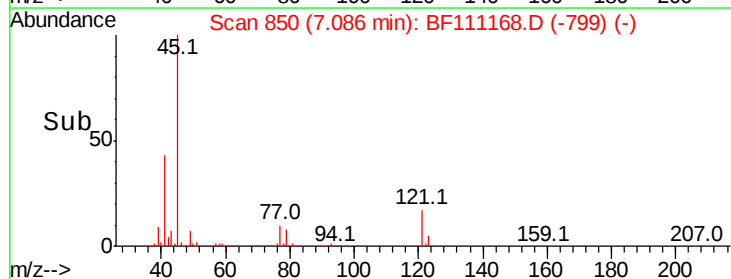
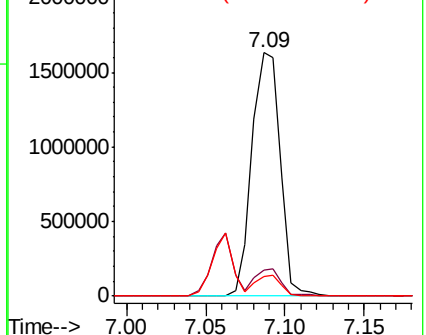
79 8.1 0.0 28.4

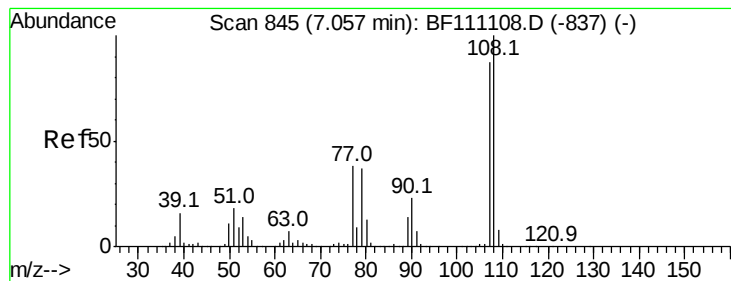


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

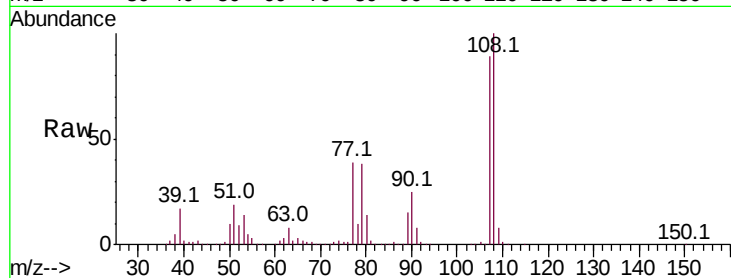




#17
2-Methylphenol
Concen: 37.363 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.8	137.8
77	43.4	34.7	52.1
79	43.2	34.2	51.2



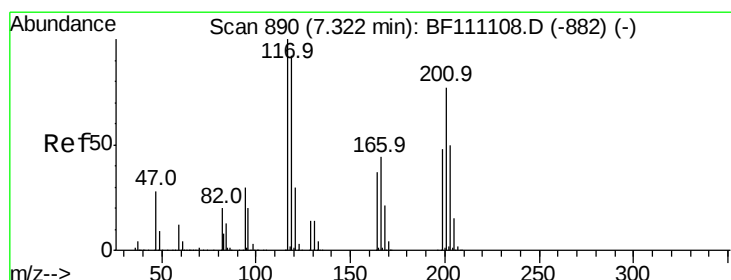
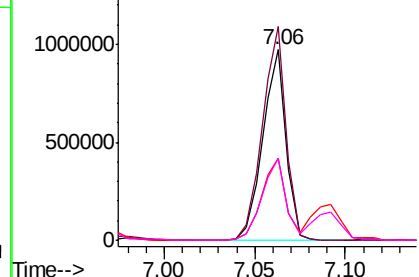
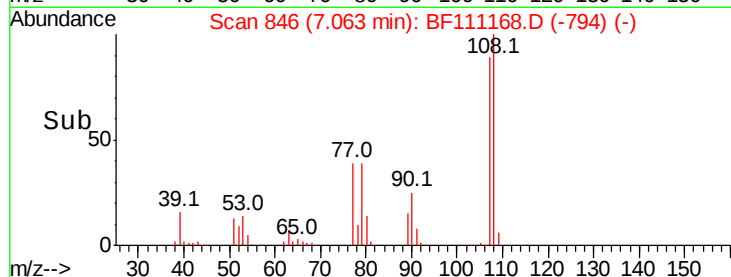
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

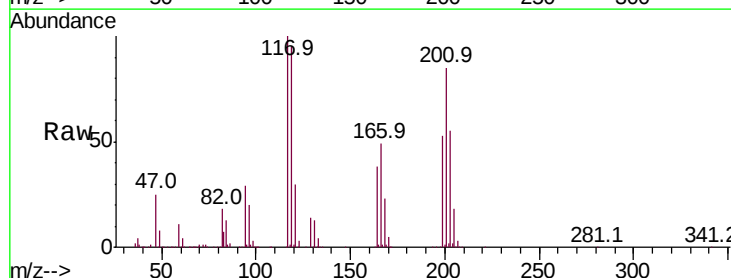
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.391 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.8	110.6
201	85.2	61.2	91.8

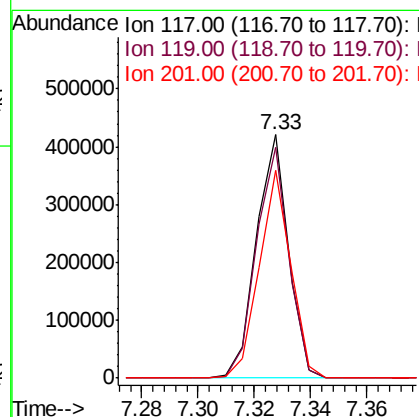
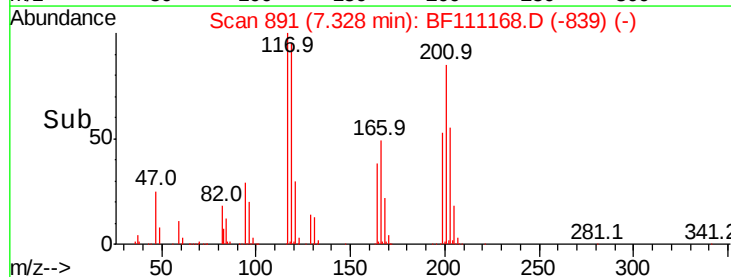


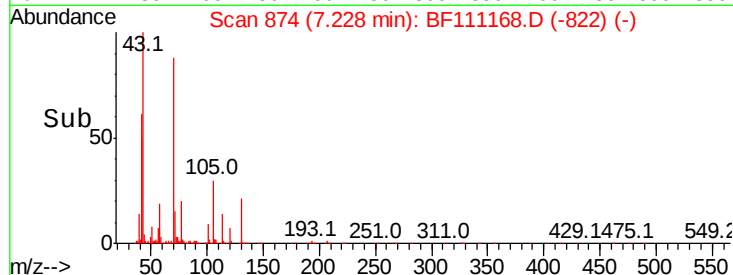
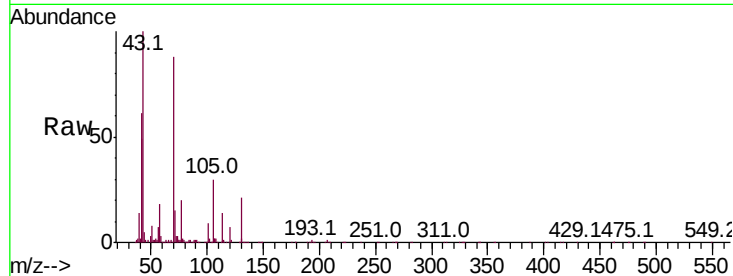
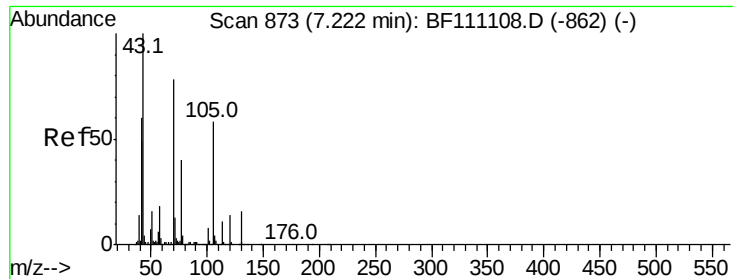
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

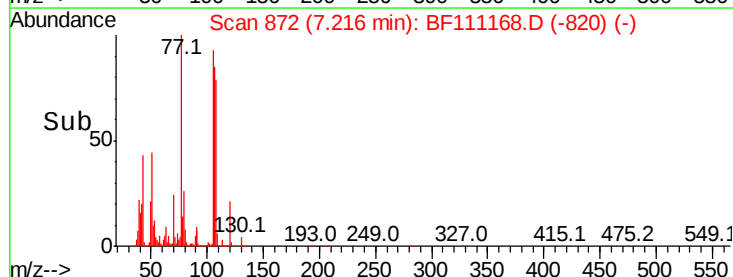
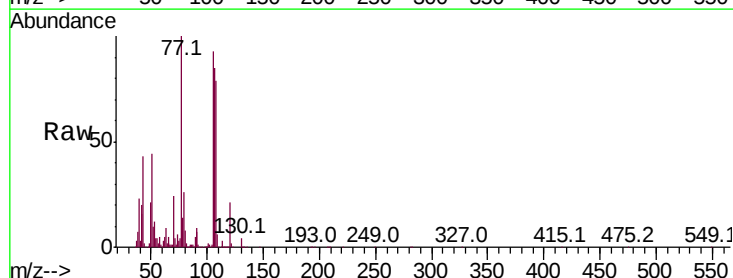
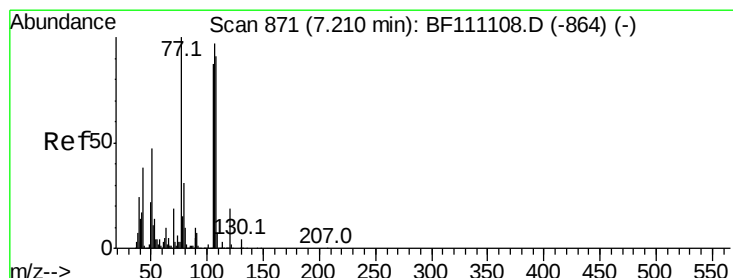
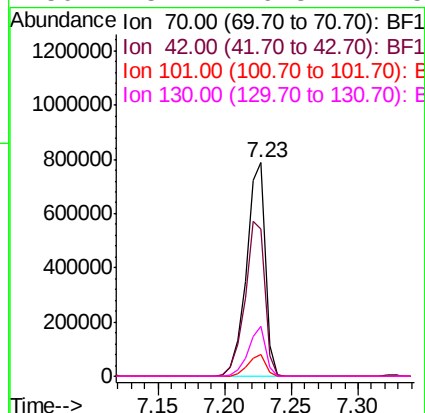




#19
n-Nitroso-di-n-propylamine
Concen: 36.216 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

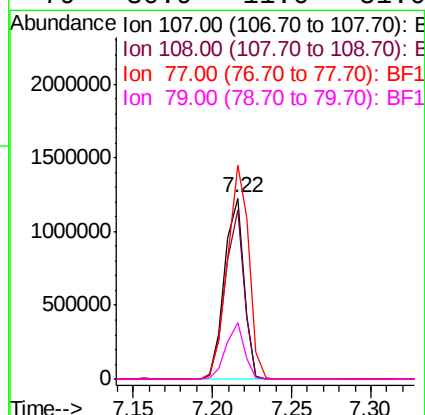
Instrument :
BNA_F
ClientSampleId :

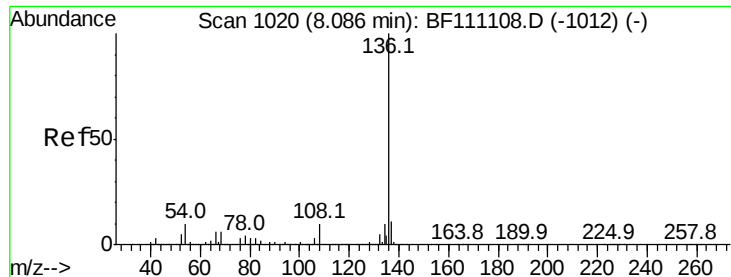
Tot Ion:	70	Resp:	763348
Ion	Ratio	Lower	Upper
70	100		
42	69.1	61.3	91.9
101	10.5	7.7	11.5
130	23.4	16.3	24.5



#20
3+4-Methylphenols
Concen: 37.394 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:	107	Resp:	1050654
Ion	Ratio	Lower	Upper
107	100		
108	93.7	74.0	114.0
77	118.1	83.2	123.2
79	30.9	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1403088

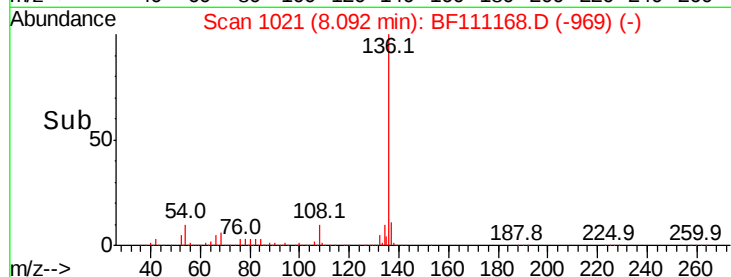
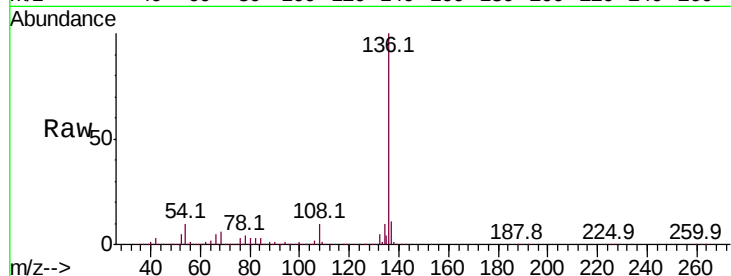
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.9	8.4	12.6
68	5.9	5.0	7.4

136 100

137 11.4 9.0 13.6

54 9.9 8.4 12.6

68 5.9 5.0 7.4

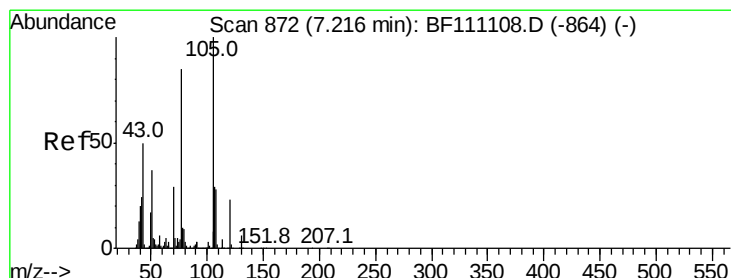
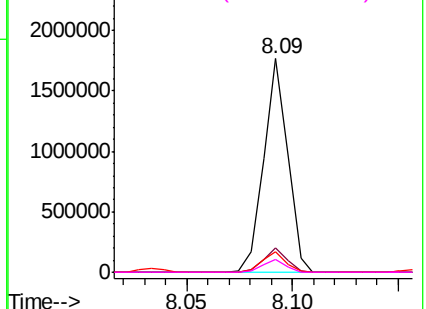


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.283 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Tgt Ion:105 Resp: 1365864

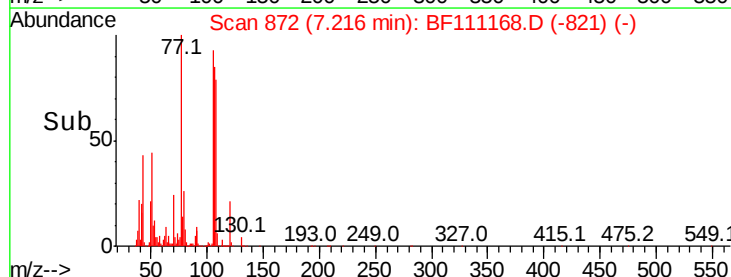
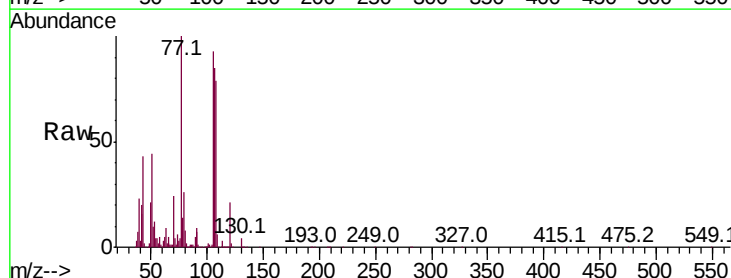
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.0	6.0
51	47.7	29.8	44.8#
120	22.6	18.7	28.1

105 100

71 4.4 4.0 6.0

51 47.7 29.8 44.8#

120 22.6 18.7 28.1

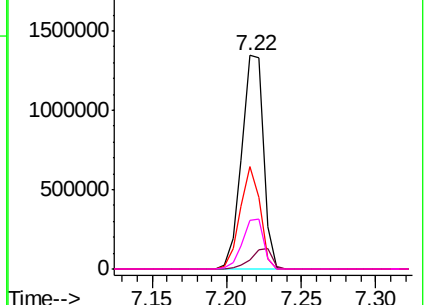


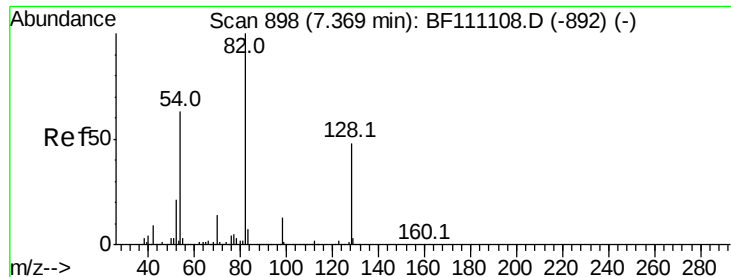
Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.230 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampled :

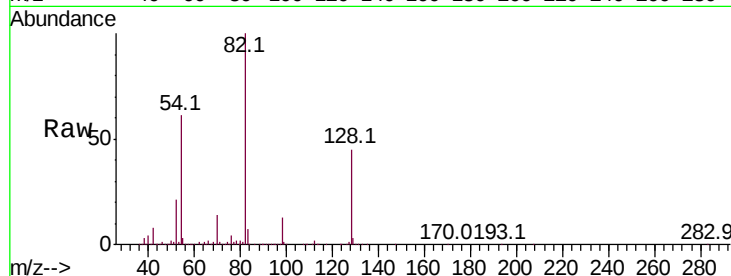
Tot Ion: 82 Resp: 2090993

Ion Ratio Lower Upper

82 100

128 44.6 38.1 57.1

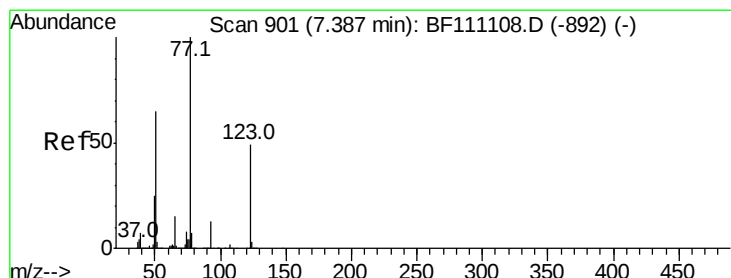
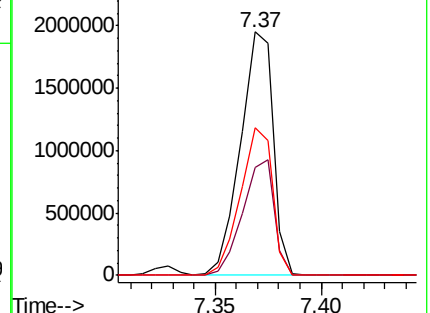
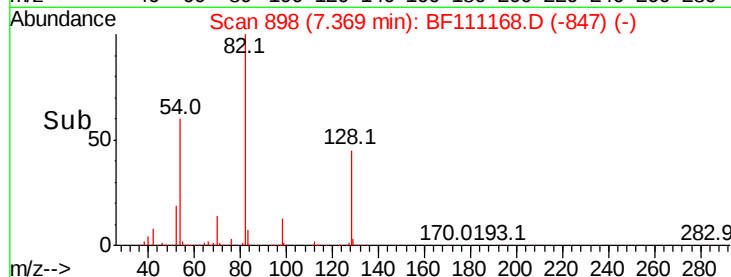
54 60.7 50.3 75.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.617 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

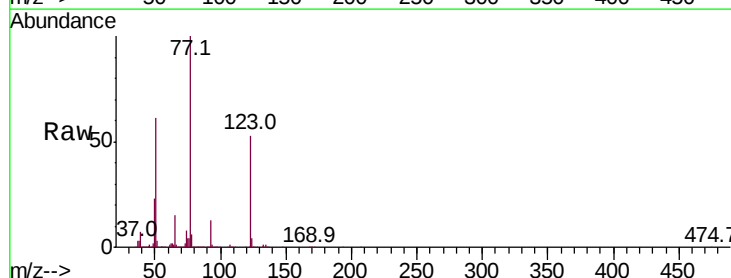
Tgt Ion: 77 Resp: 1086591

Ion Ratio Lower Upper

77 100

123 52.6 39.5 59.3

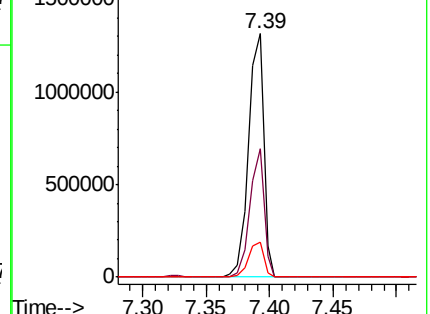
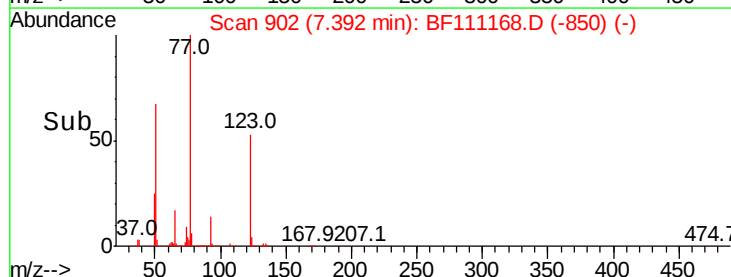
65 14.5 11.8 17.6

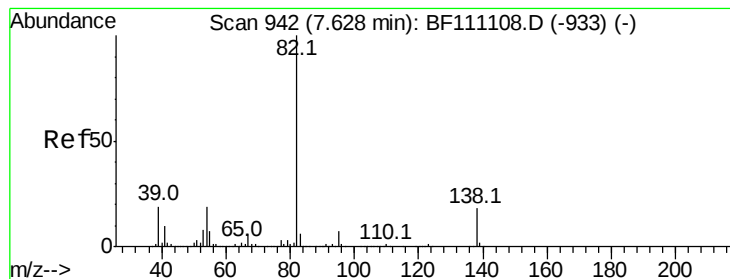


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.129 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

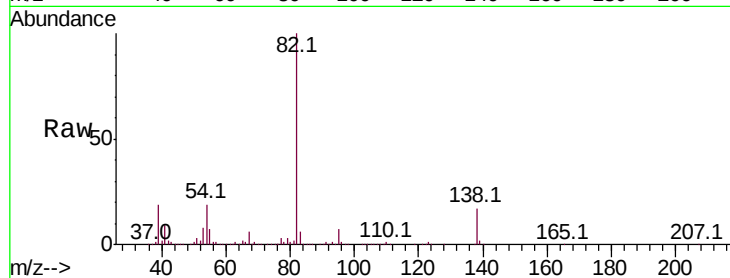
Tot Ion: 82 Resp: 1701889

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

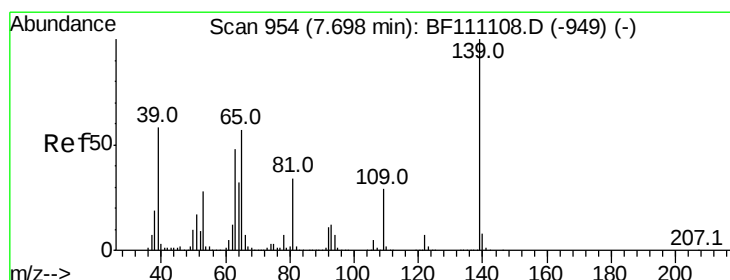
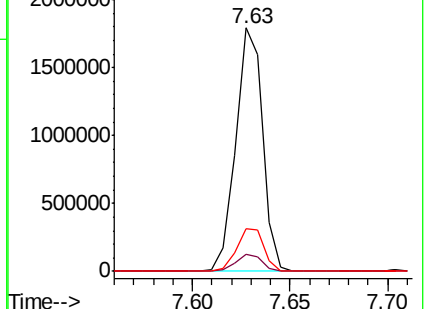
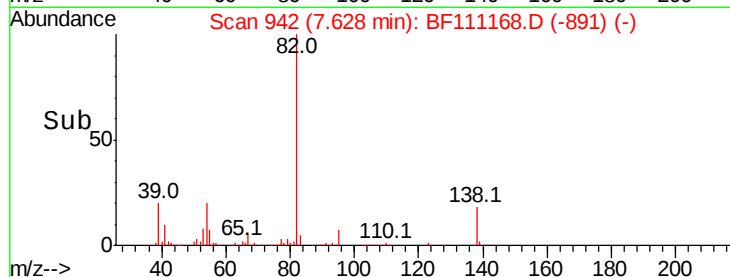
138 17.3 14.6 22.0



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: 40.728 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

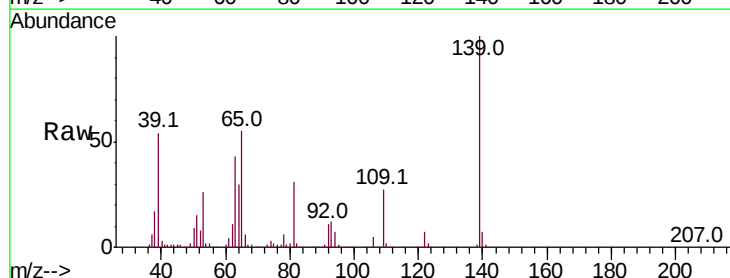
Tgt Ion:139 Resp: 438768

Ion Ratio Lower Upper

139 100

109 26.6 23.1 34.7

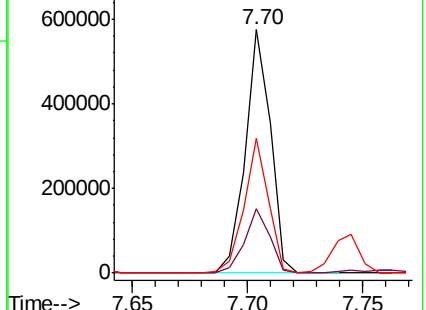
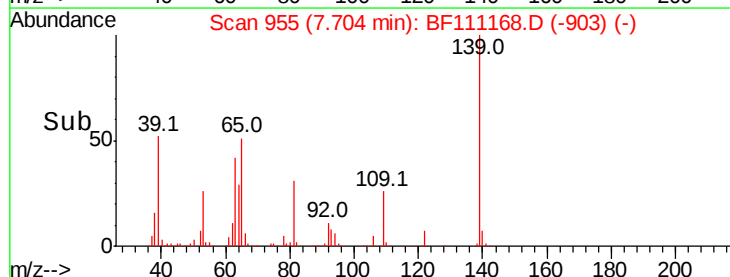
65 55.1 45.9 68.9

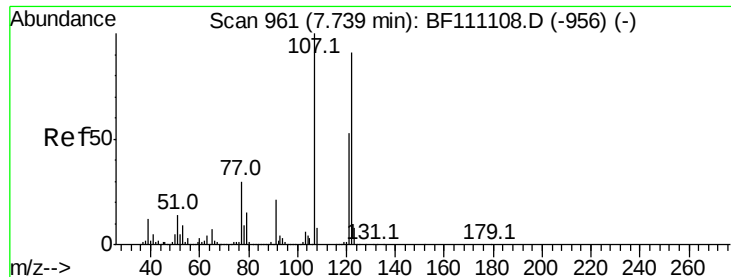


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.360 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampled :

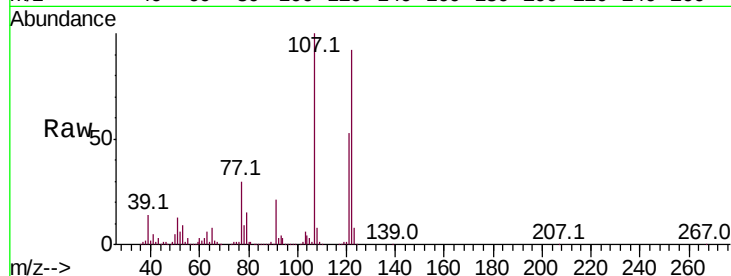
Tot Ion:122 Resp: 798574

Ion Ratio Lower Upper

122 100

107 108.8 87.4 131.0

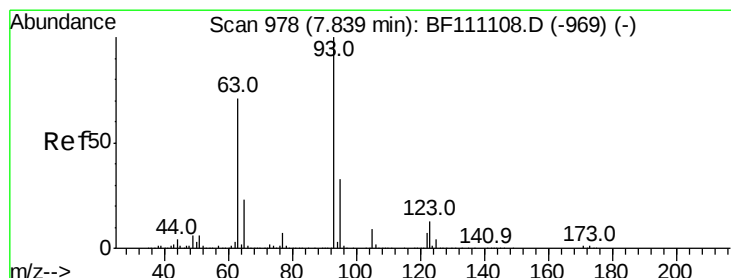
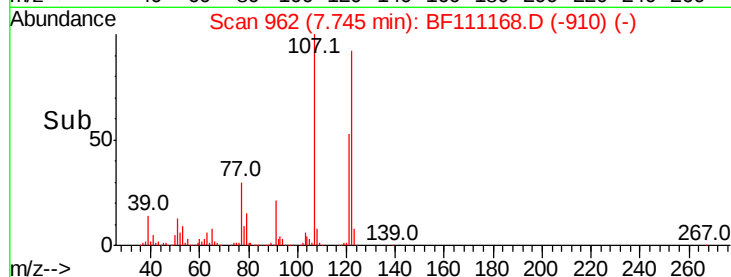
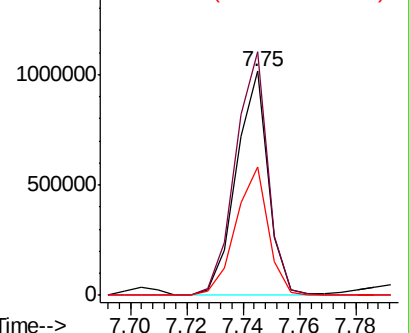
121 57.1 45.9 68.9



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: 40.856 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

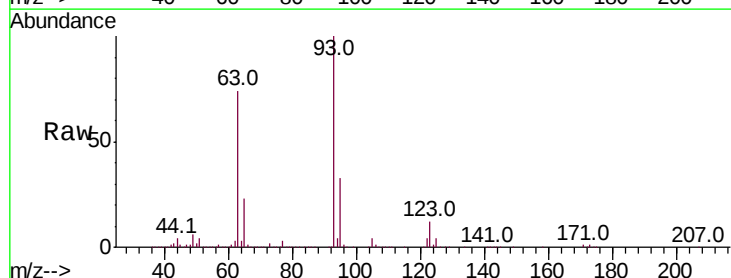
Tgt Ion: 93 Resp: 1202946

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

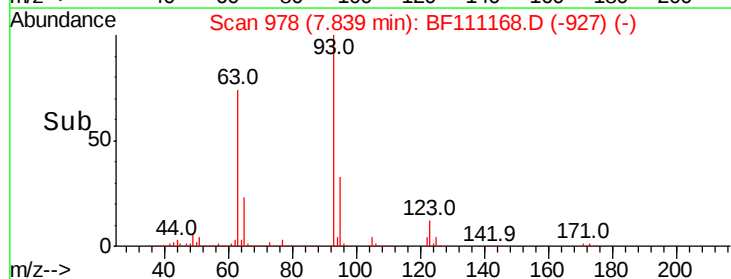
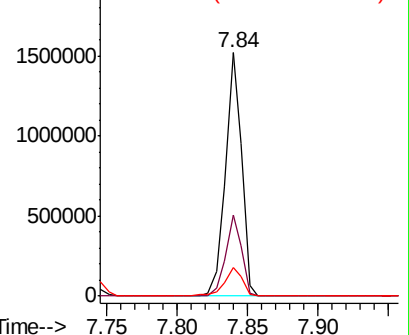
123 11.8 10.3 15.5

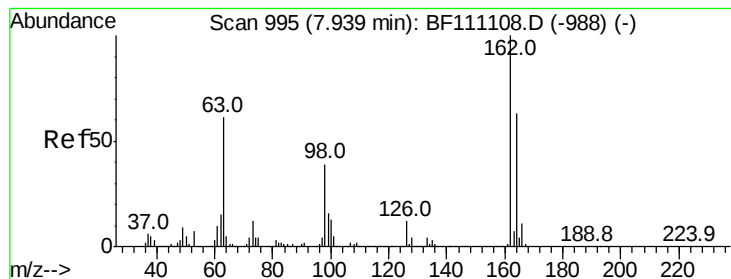


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.622 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

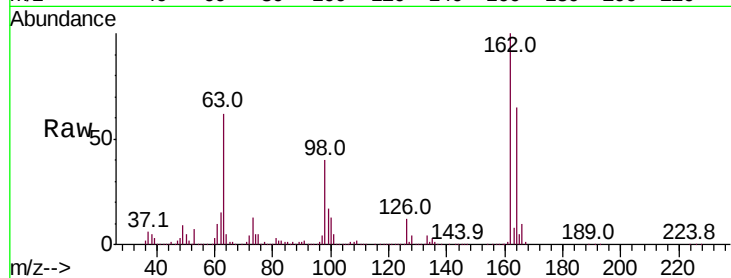
Tot Ion:162 Resp: 791404

Ion Ratio Lower Upper

162 100

164 64.8 43.3 83.3

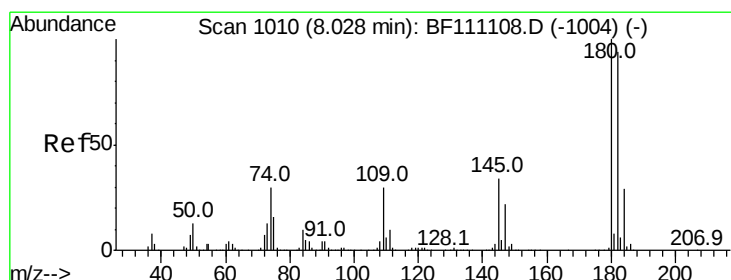
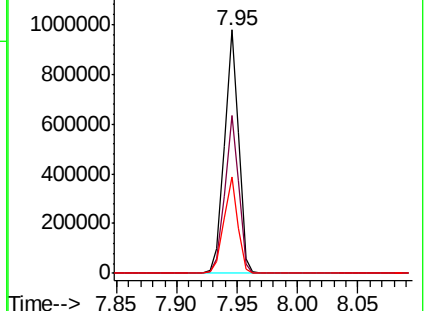
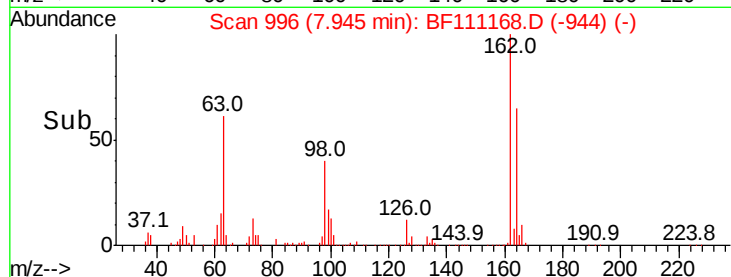
98 39.7 18.9 58.9



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: 41.159 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

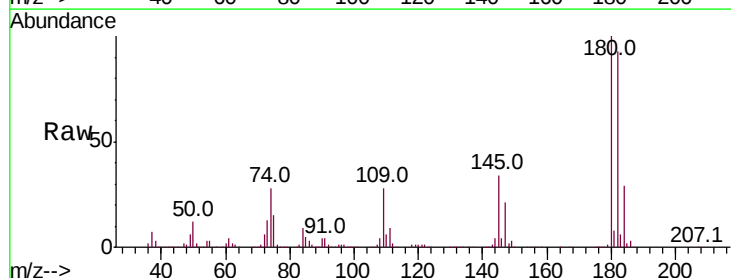
Tgt Ion:180 Resp: 829791

Ion Ratio Lower Upper

180 100

182 92.8 75.1 112.7

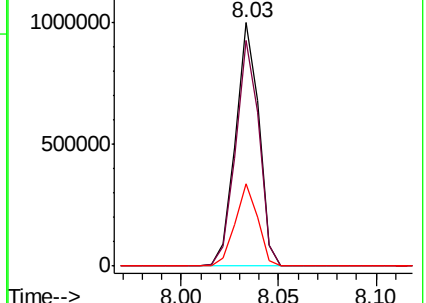
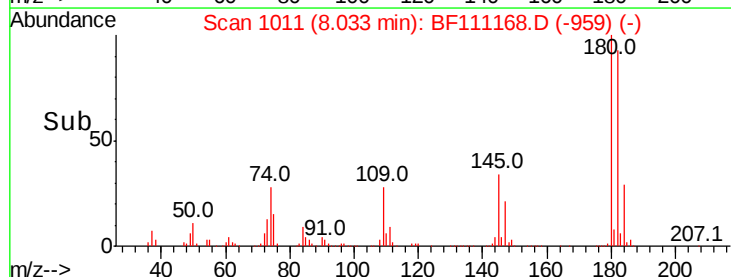
145 33.7 27.6 41.4

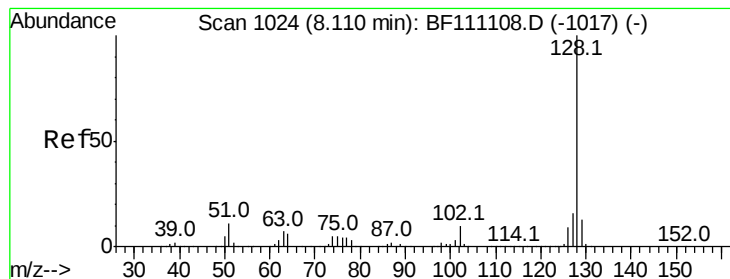


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.260 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

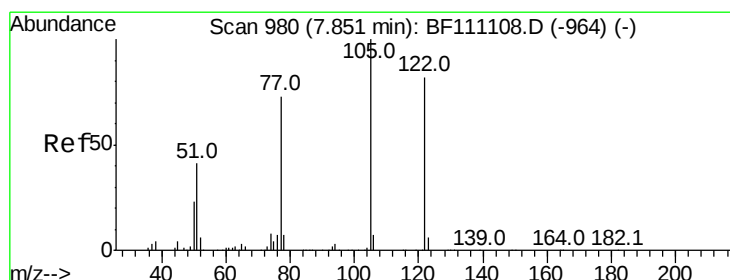
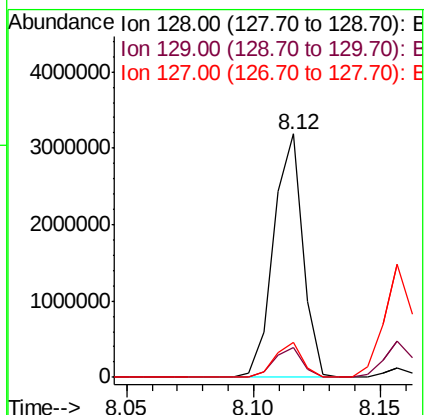
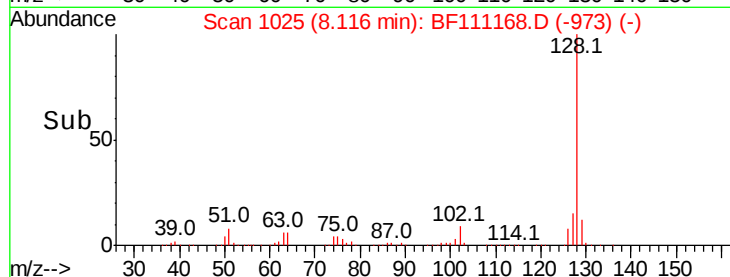
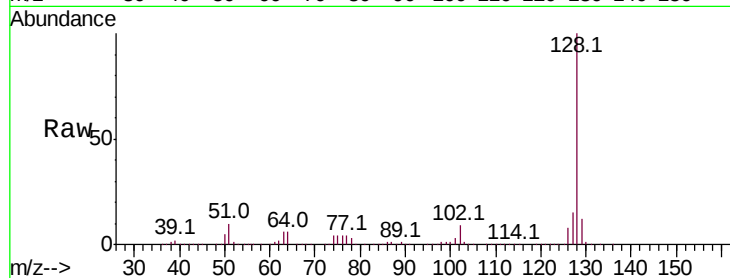
Tot Ion:128 Resp: 2581620

Ion Ratio Lower Upper

128 100

129 12.2 10.5 15.7

127 14.6 12.5 18.7



#32

Benzoic acid

Concen: 21.774 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

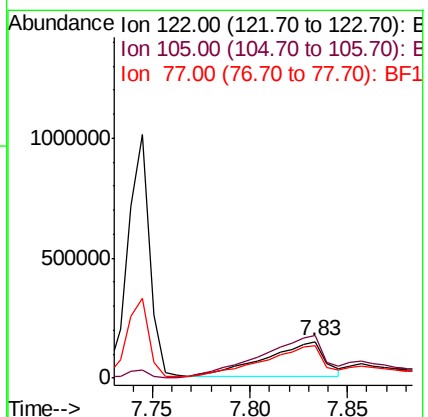
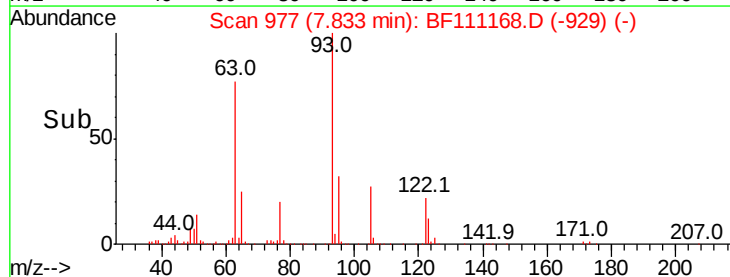
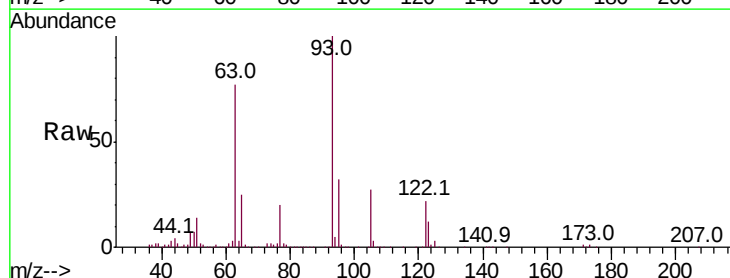
Tgt Ion:122 Resp: 291319

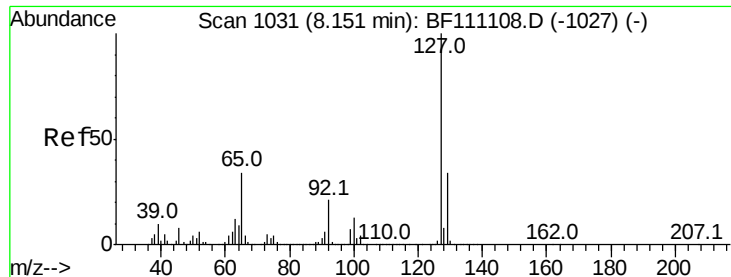
Ion Ratio Lower Upper

122 100

105 119.0 100.1 140.1

77 90.7 69.4 109.4

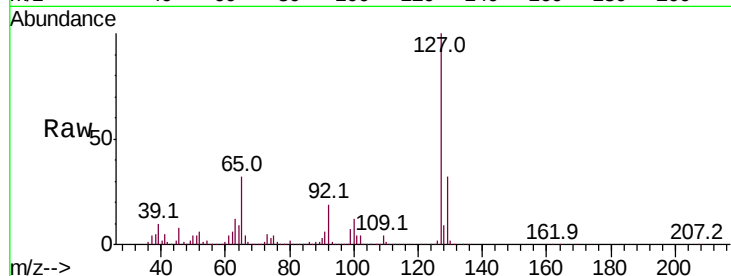




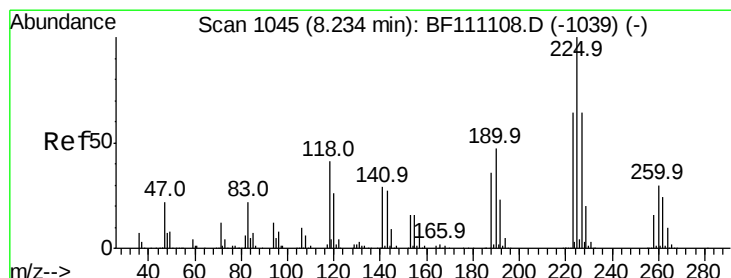
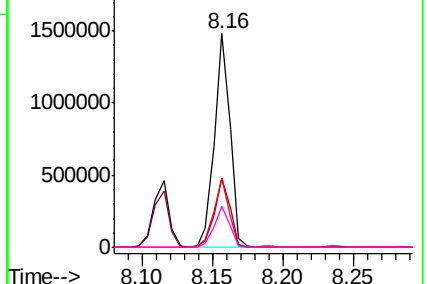
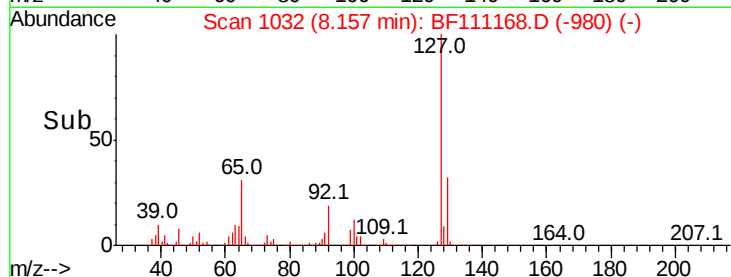
#33
4-Chloroaniline
Concen: 38.714 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1143207
Ion Ratio Lower Upper
127 100
129 32.2 27.0 40.6
65 32.2 27.2 40.8
92 19.2 16.6 24.8

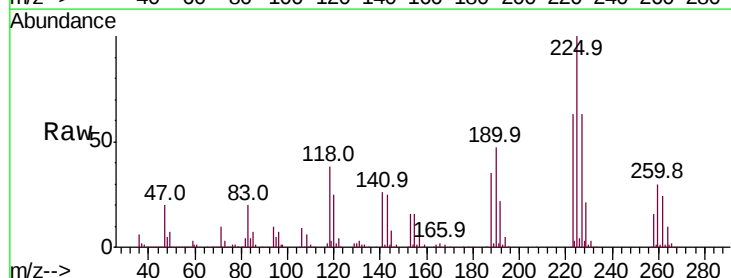


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

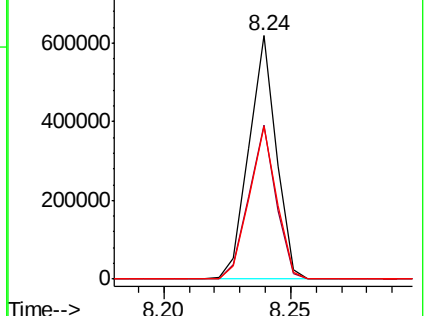
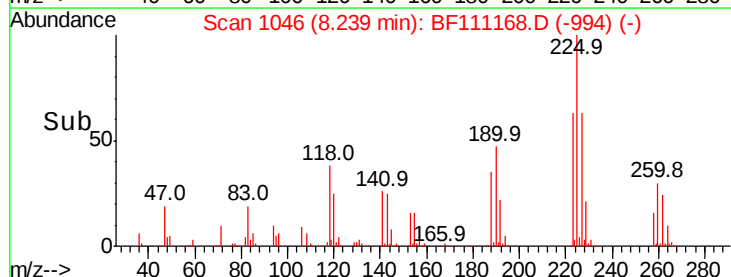


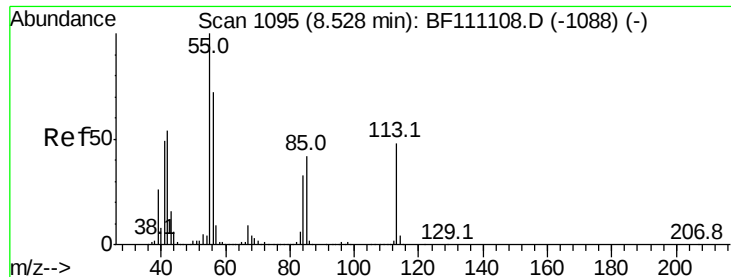
#34
Hexachlorobutadiene
Concen: 42.435 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:225 Resp: 464924
Ion Ratio Lower Upper
225 100
223 63.4 51.4 77.2
227 62.6 51.0 76.4



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

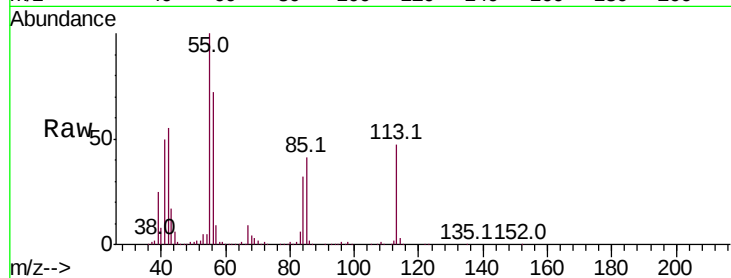




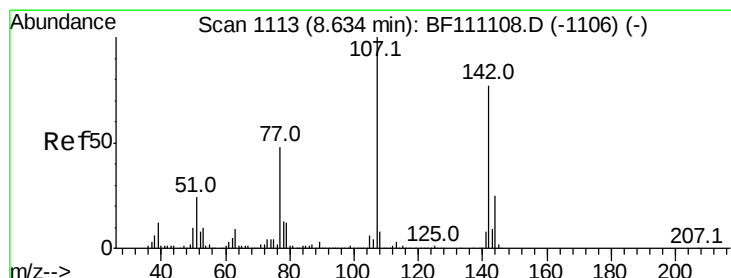
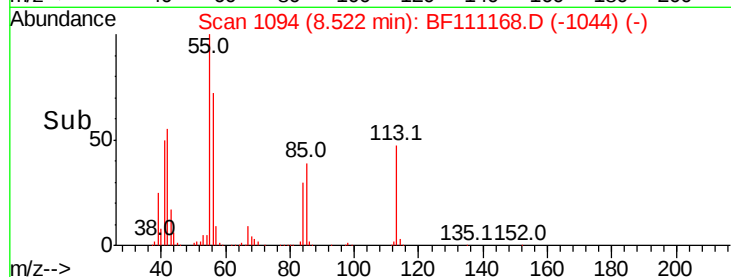
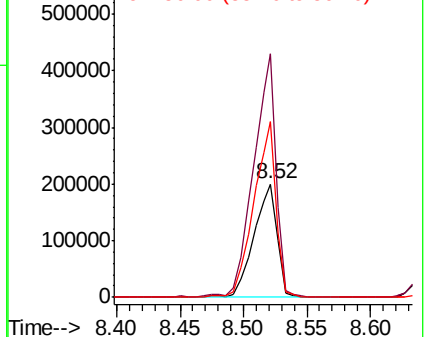
#35
 Caprolactam
 Concen: 34.978 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 256519
 Ion Ratio Lower Upper
 113 100
 55 214.8 190.6 230.6
 56 155.0 130.9 170.9

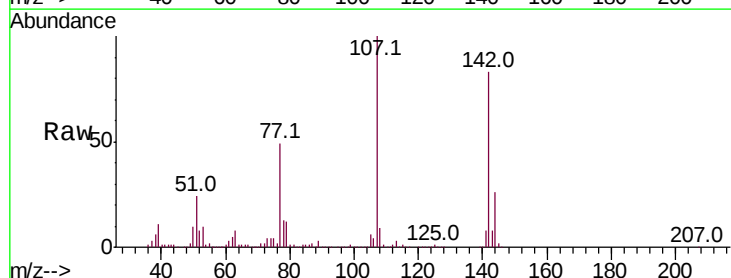


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

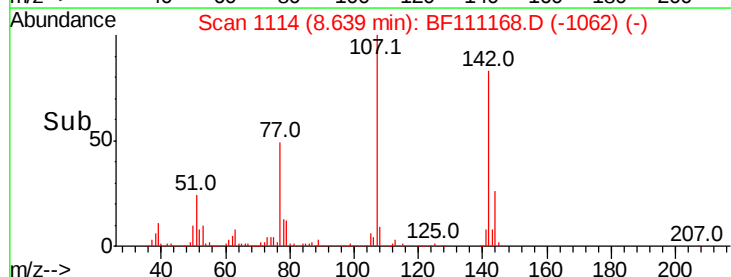
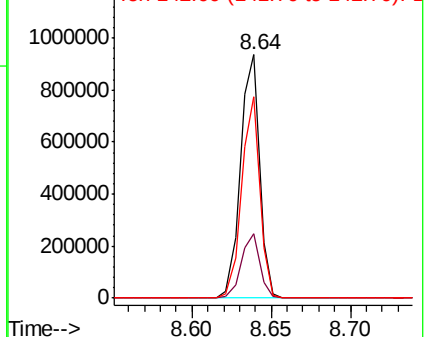


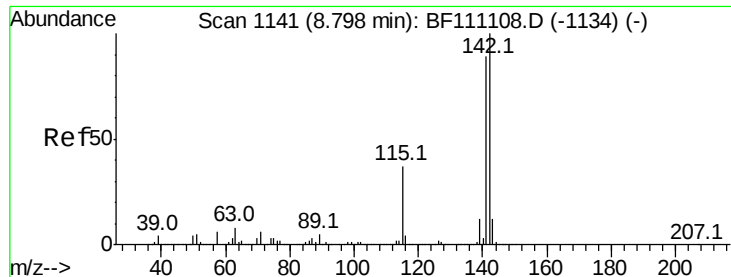
#36
 4-Chloro-3-methylphenol
 Concen: 35.792 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion:107 Resp: 783079
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.9 29.9
 142 82.5 61.4 92.0



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

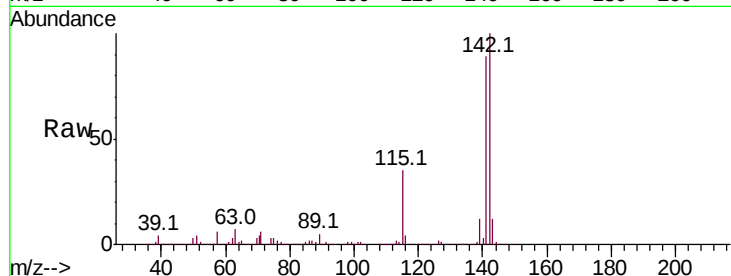




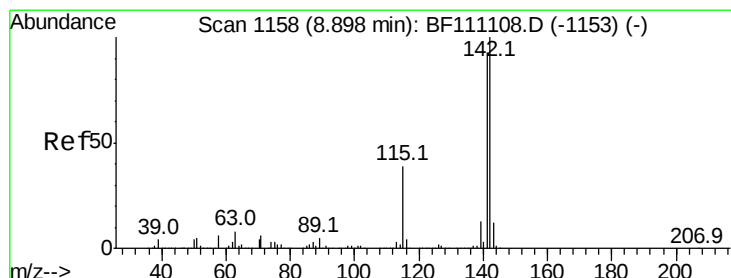
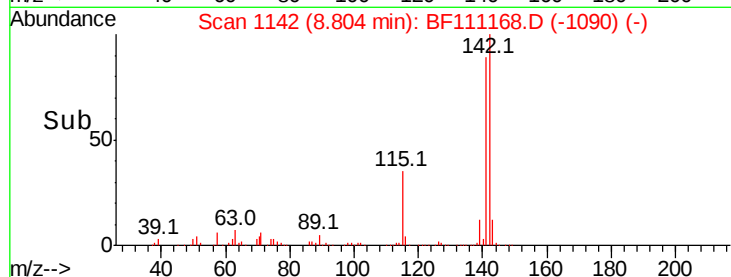
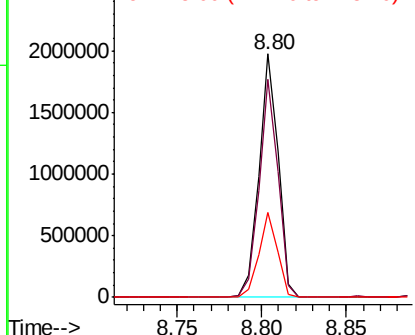
#37
2-Methylnaphthalene
Concen: 37.206 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1567800
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0
115 35.1 29.2 43.8

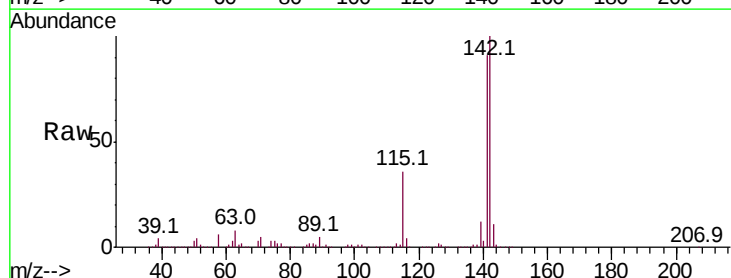


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

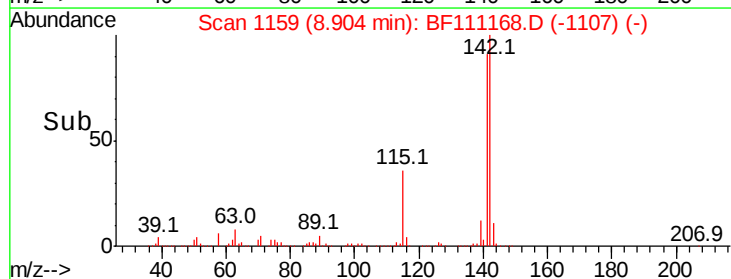
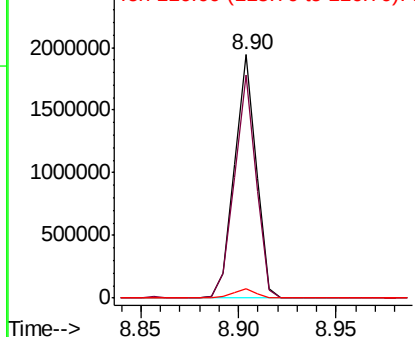


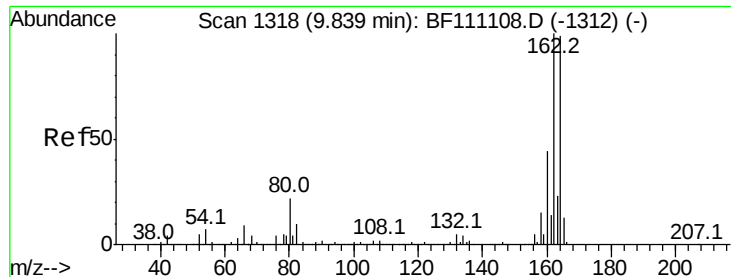
#38
1-Methylnaphthalene
Concen: 37.111 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:142 Resp: 1503450
Ion Ratio Lower Upper
142 100
141 91.5 74.5 111.7
116 3.9 3.2 4.8



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

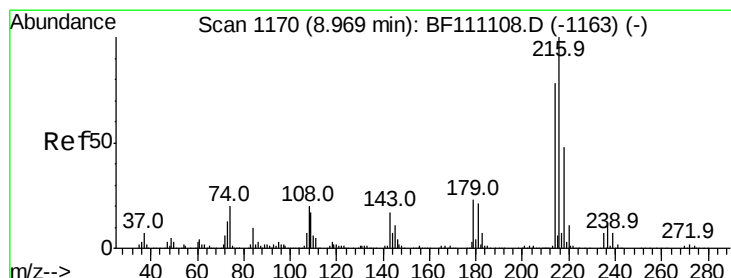
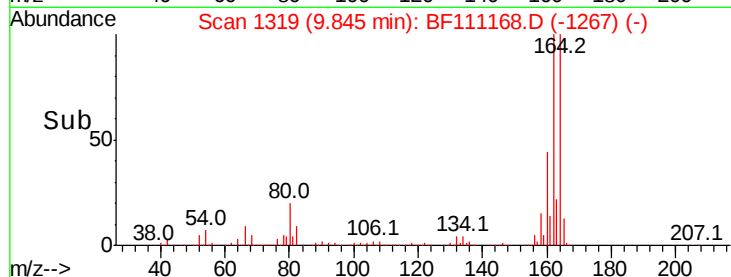
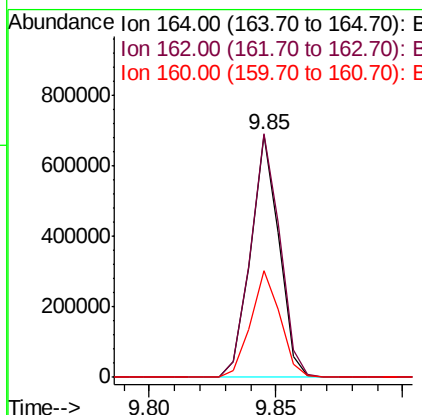
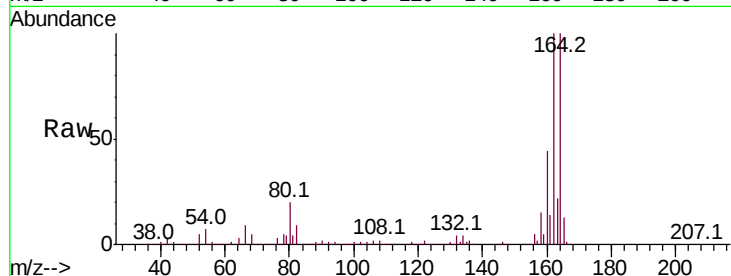




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

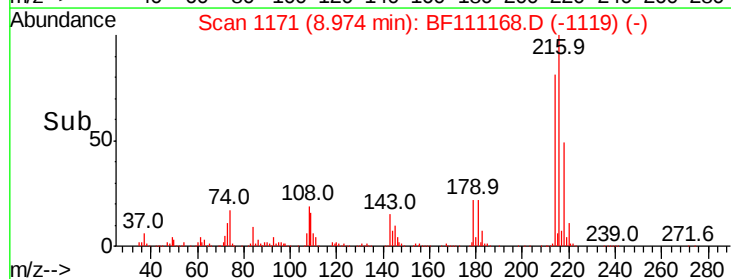
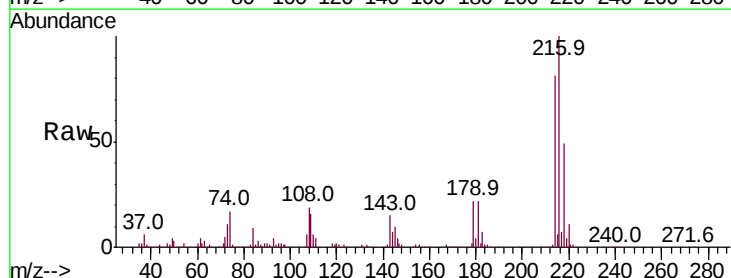
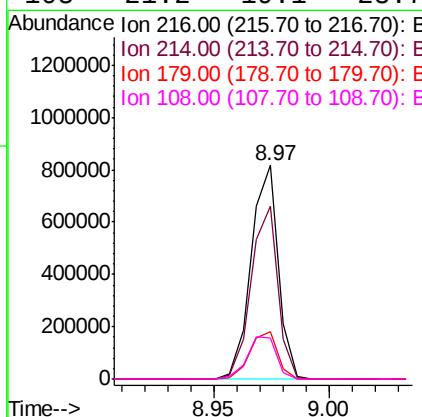
Instrument :
 BNA_F
 ClientSampleId :

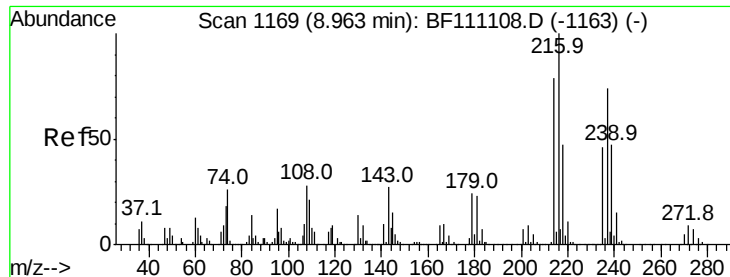
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.1	35.5	53.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.115 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.0
179	22.7	18.5	27.7
108	21.2	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 3.245 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

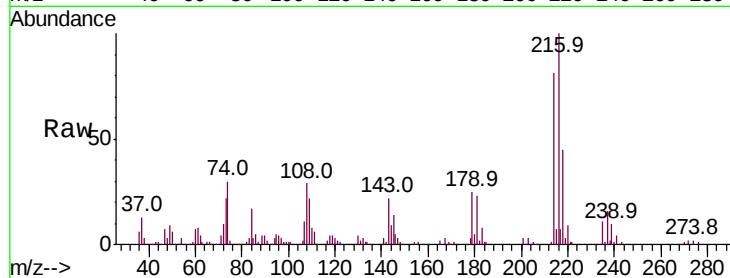
Tot Ion:237 Resp: 24404

Ion Ratio Lower Upper

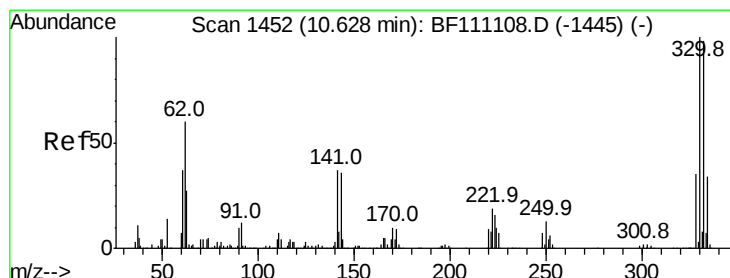
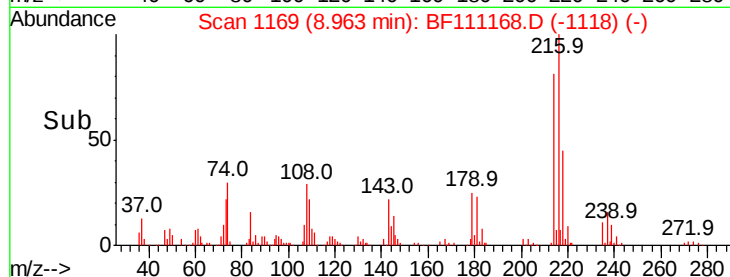
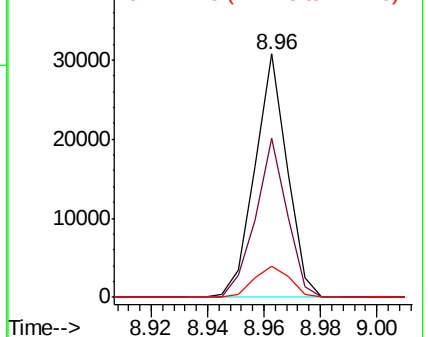
237 100

235 65.5 41.9 81.9

272 12.6 0.0 32.7



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: 84.420 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

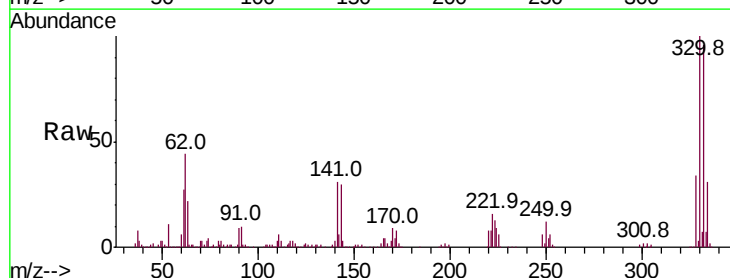
Tgt Ion:330 Resp: 359134

Ion Ratio Lower Upper

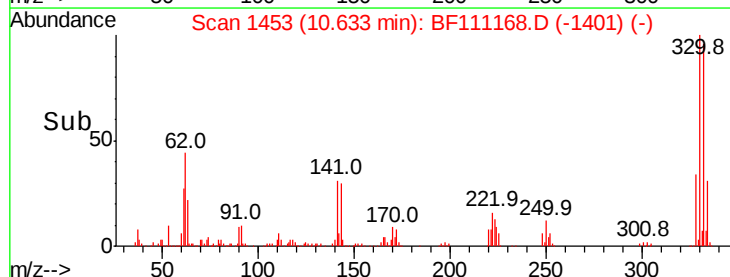
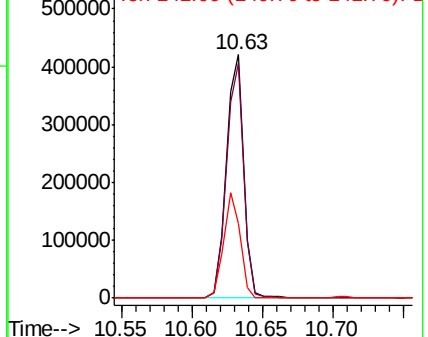
330 100

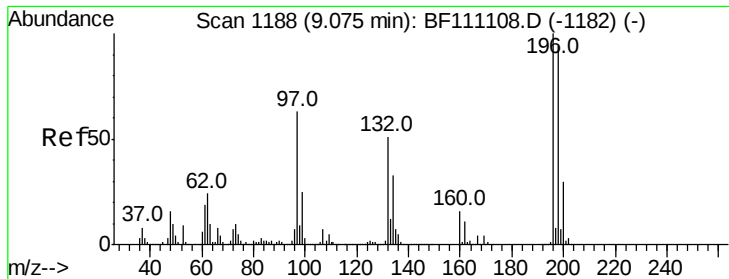
332 95.7 77.2 115.8

141 41.7 36.1 54.1



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: 43.152 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

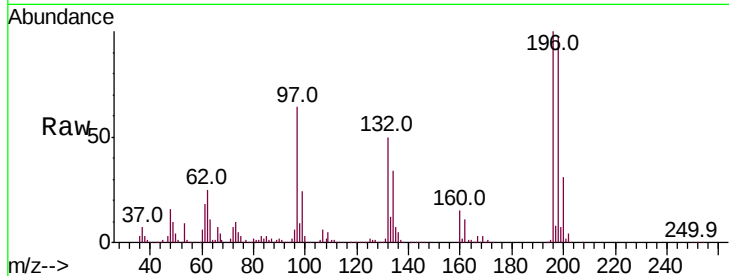
Tot Ion:196 Resp: 449550

Ion Ratio Lower Upper

196 100

198 96.6 75.4 113.0

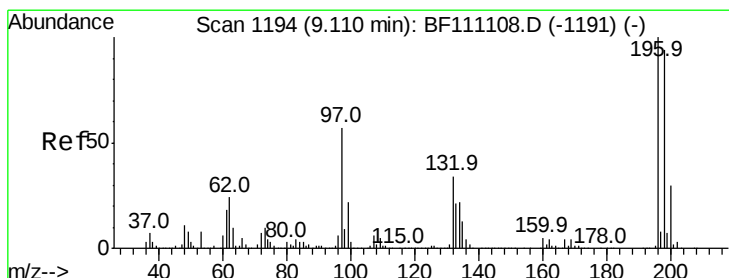
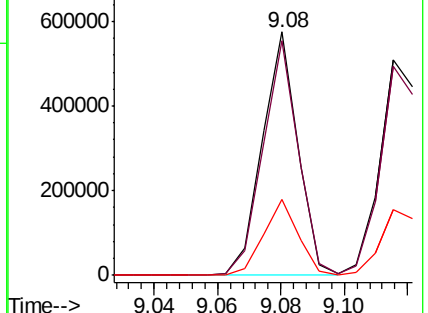
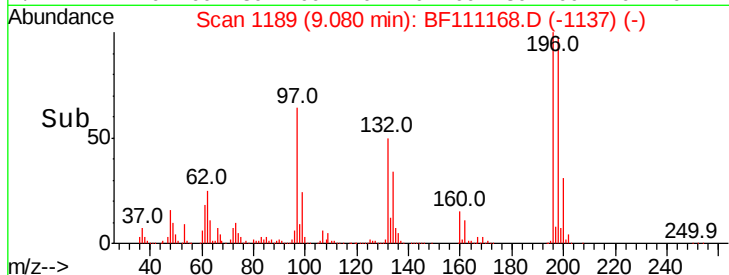
200 31.4 24.2 36.4



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: 42.392 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Tgt Ion:196 Resp: 447684

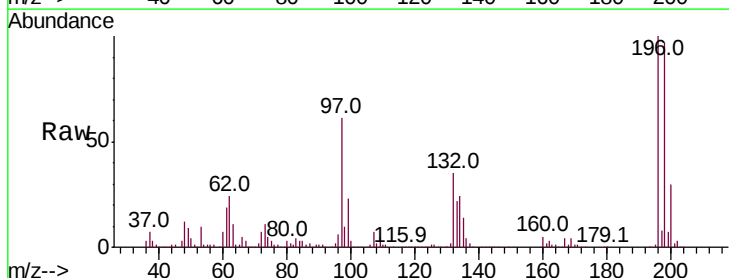
Ion Ratio Lower Upper

196 100

198 96.9 75.0 112.4

97 61.4 46.2 69.4

132 35.4 27.2 40.8

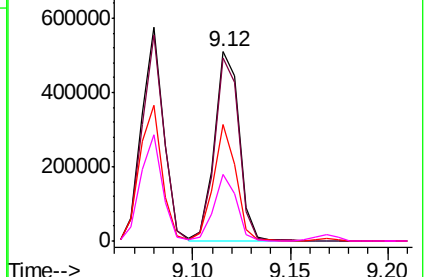
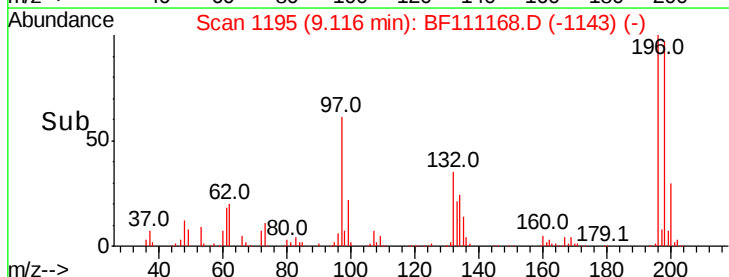


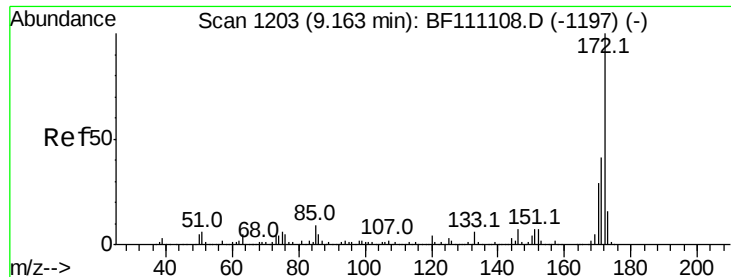
Abundance Ion 196.00 (195.70 to 196.70): E

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

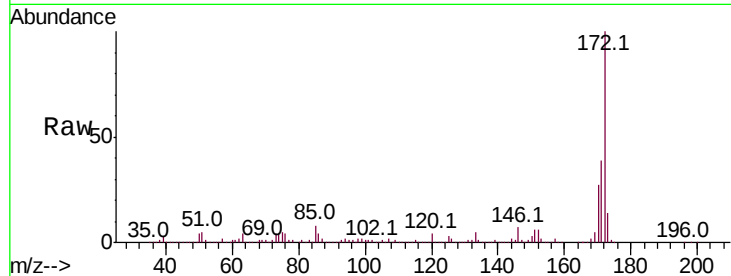




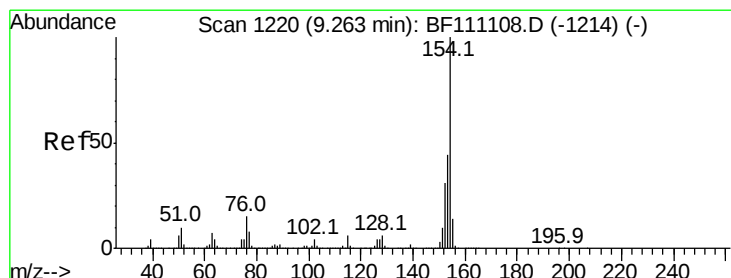
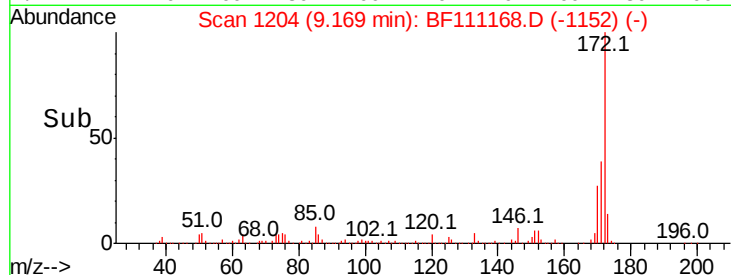
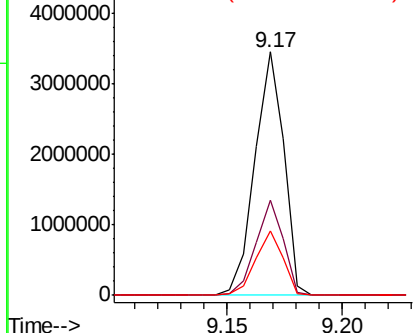
#45
2-Fluorobiphenyl
Concen: 108.764 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3028446
Ion Ratio Lower Upper
172 100
171 39.3 33.2 49.8
170 26.7 22.9 34.3

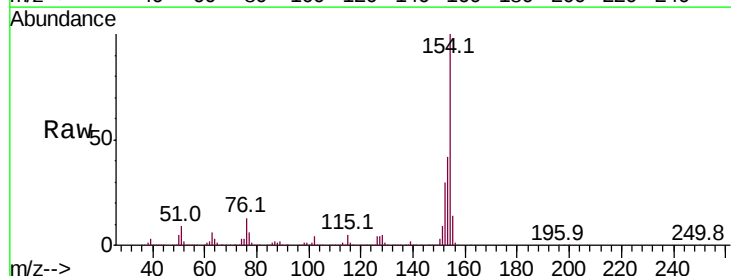


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

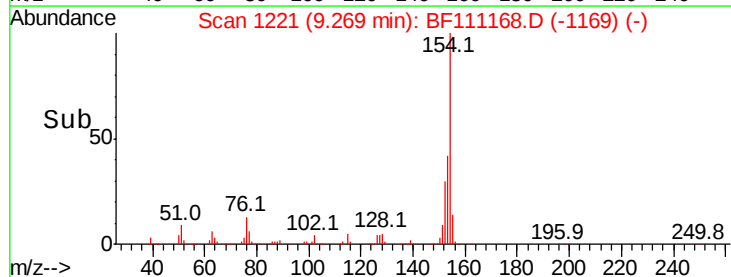
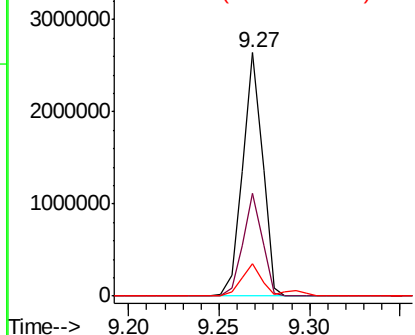


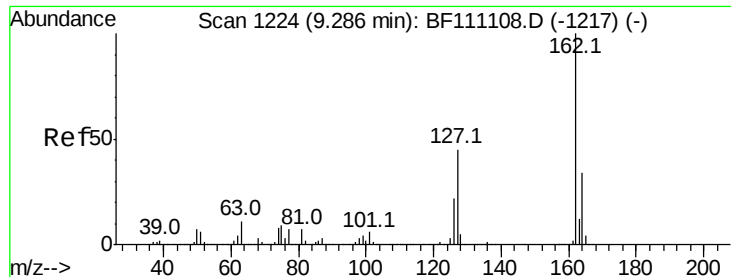
#46
1,1'-Biphenyl
Concen: 45.881 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:154 Resp: 2010152
Ion Ratio Lower Upper
154 100
153 42.0 23.7 63.7
76 13.3 0.0 35.0



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

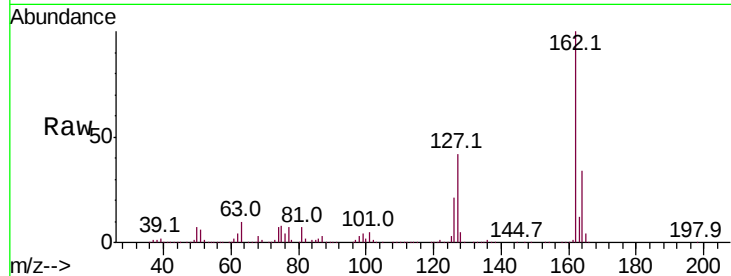




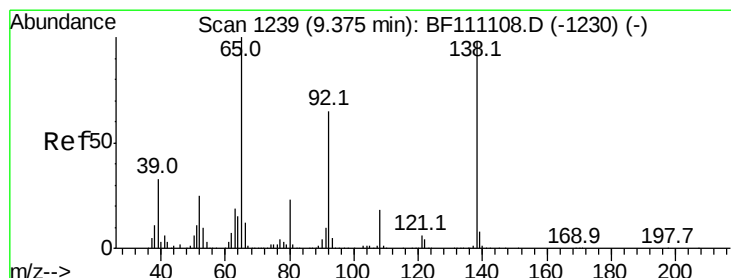
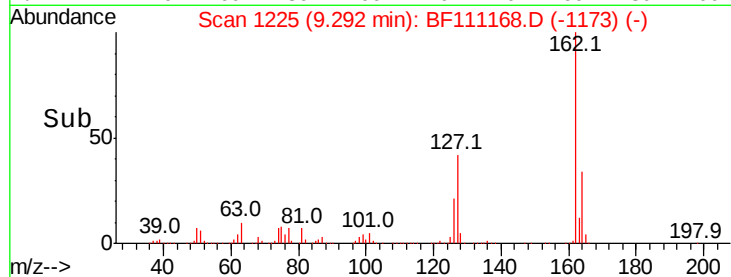
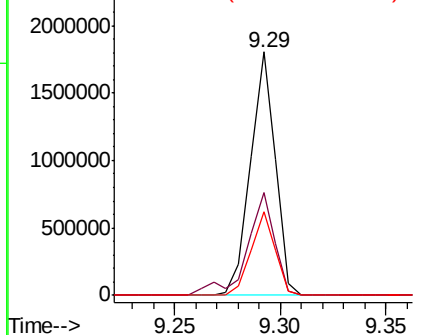
#47
 2-Chloronaphthalene
 Concen: 43.350 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1475848
 Ion Ratio Lower Upper
 162 100
 127 42.5 36.4 54.6
 164 34.2 27.3 40.9

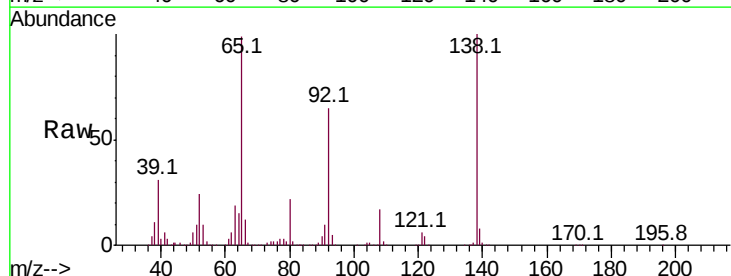


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

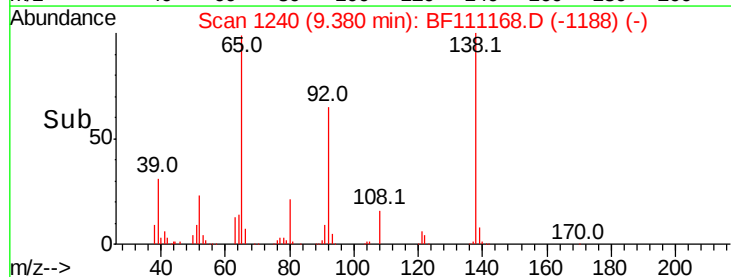
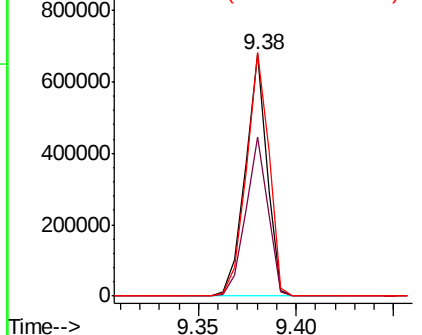


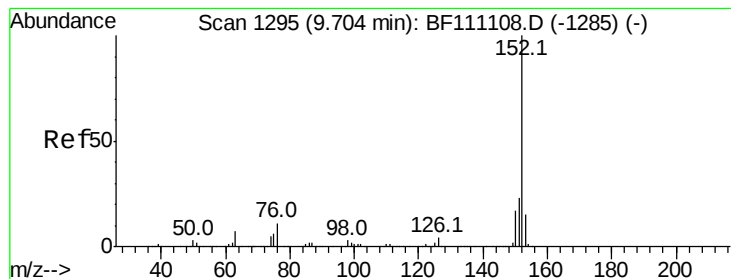
#48
 2-Nitroaniline
 Concen: 47.181 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion: 65 Resp: 520549
 Ion Ratio Lower Upper
 65 100
 92 65.7 52.1 78.1
 138 100.7 78.2 117.4



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: 44.071 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

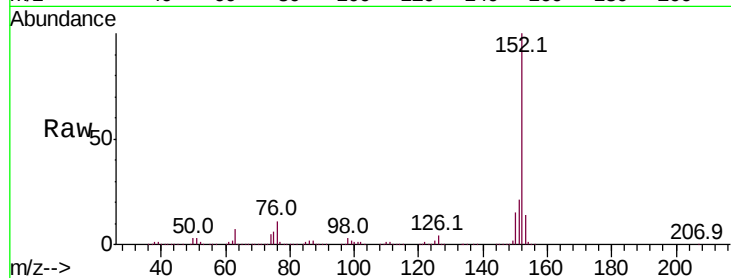
Tot Ion:152 Resp: 2097245

Ion Ratio Lower Upper

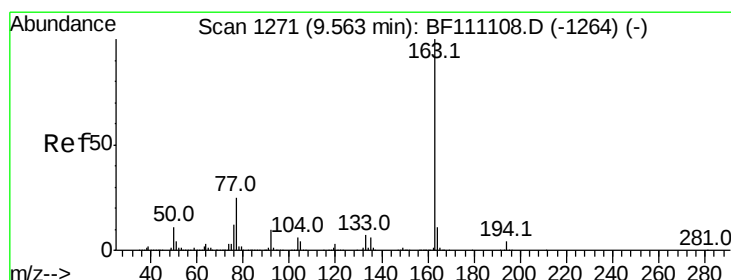
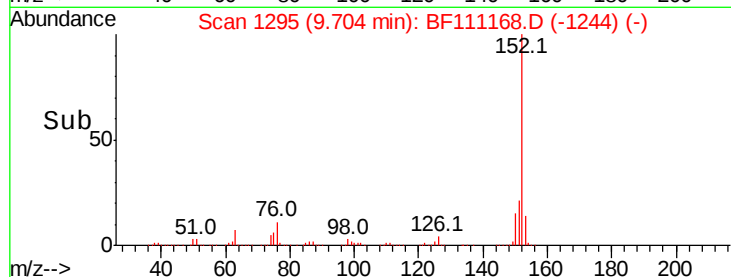
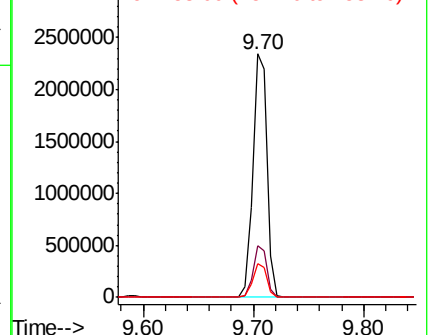
152 100

151 21.0 18.3 27.5

153 13.9 11.8 17.8



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: 45.488 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

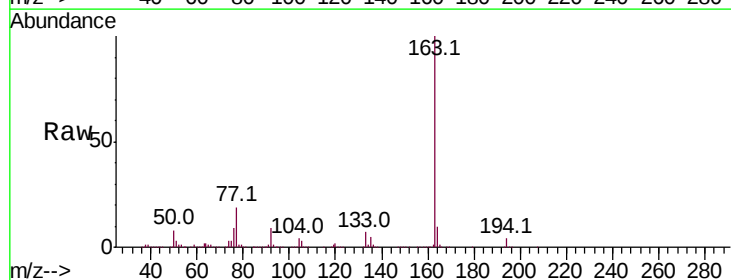
Tgt Ion:163 Resp: 1694293

Ion Ratio Lower Upper

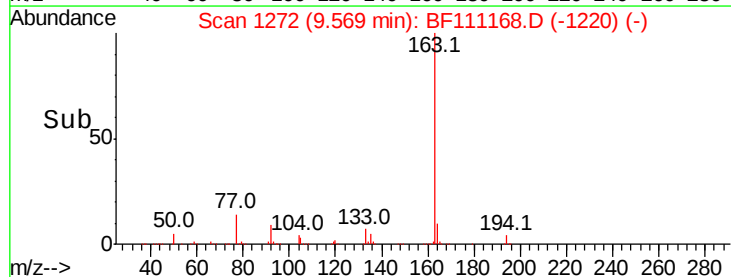
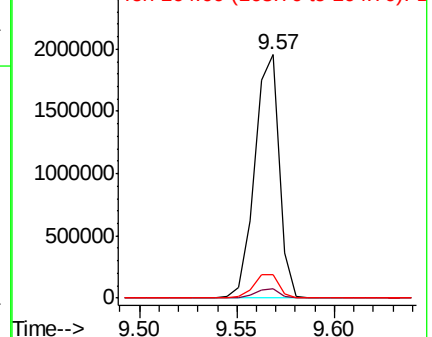
163 100

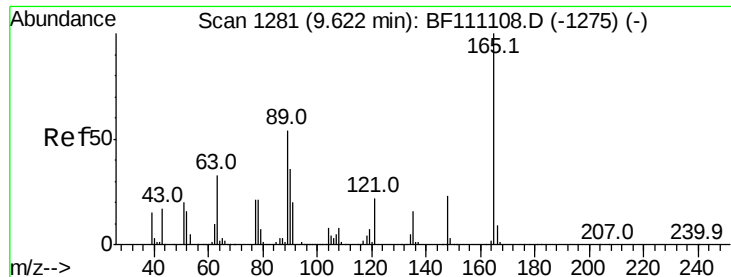
194 3.7 3.0 4.4

164 9.8 8.9 13.3



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

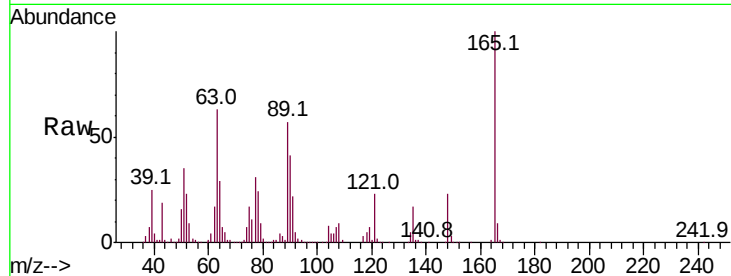




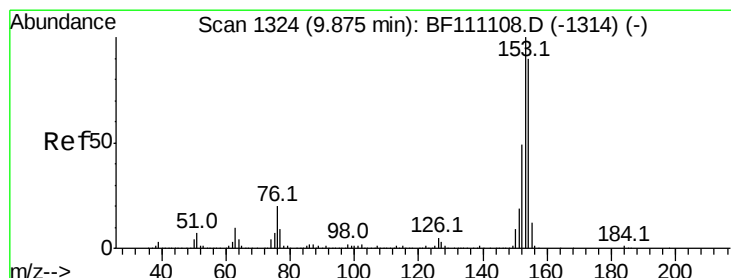
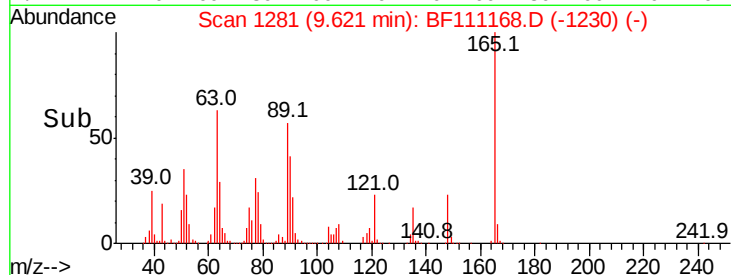
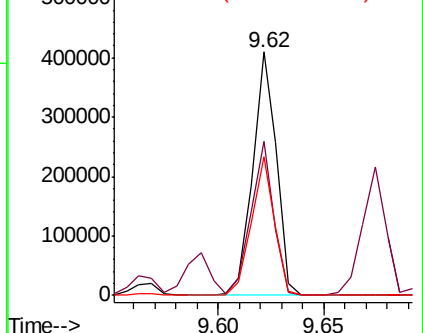
#51
 2,6-Dinitrotoluene
 Concen: 40.430 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 319275
 Ion Ratio Lower Upper
 165 100
 63 63.3 44.7 67.1
 89 56.8 43.0 64.4

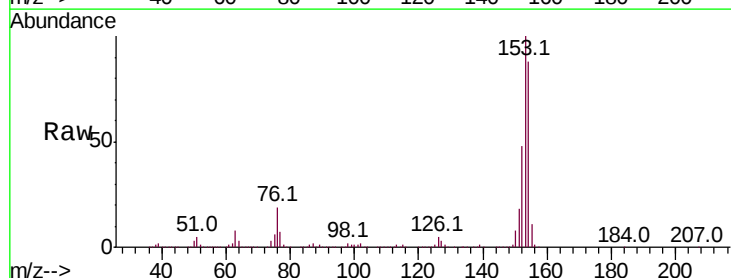


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

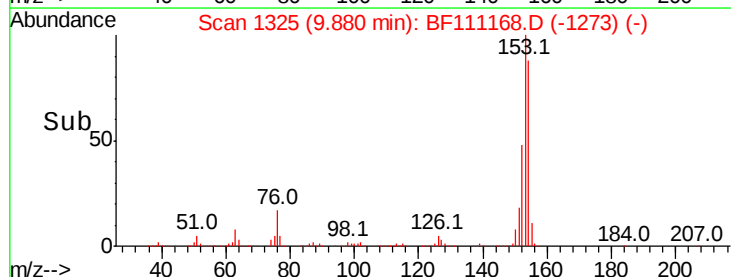
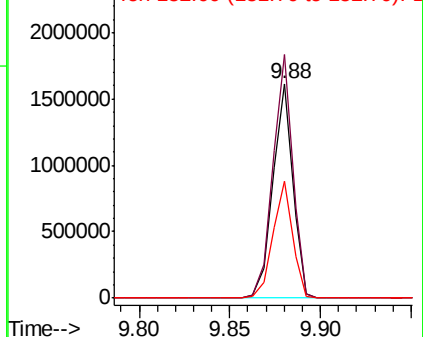


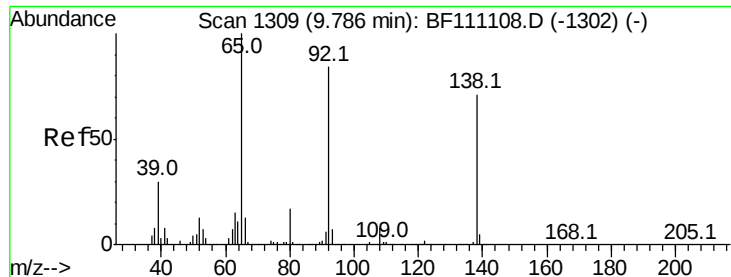
#52
 Acenaphthene
 Concen: 39.225 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion:154 Resp: 1233170
 Ion Ratio Lower Upper
 154 100
 153 113.5 88.7 133.1
 152 54.7 43.8 65.8



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

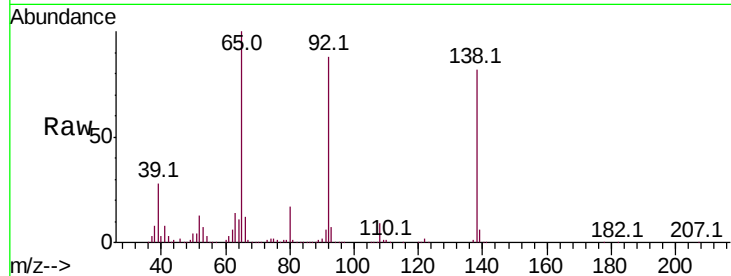




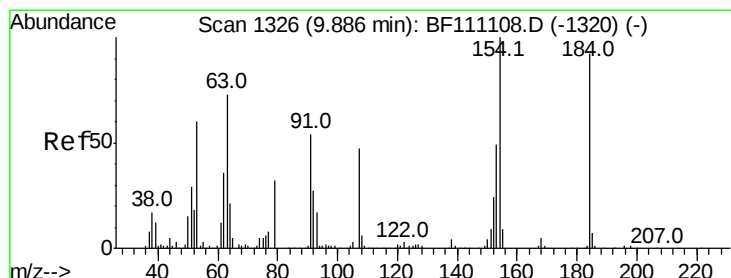
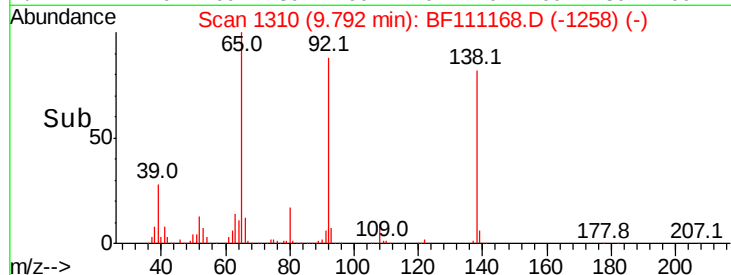
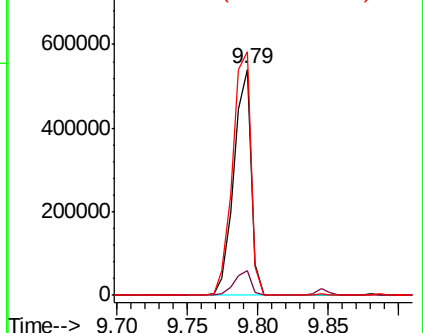
#53
3-Nitroaniline
Concen: 46.610 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 462348
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 107.9 94.1 141.1

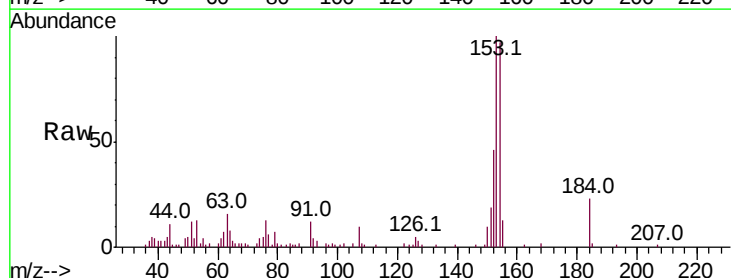


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

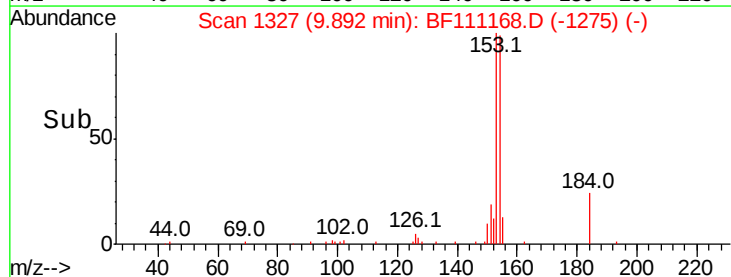
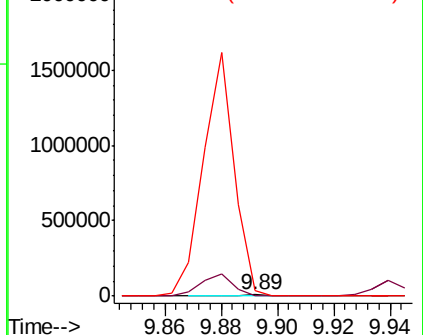


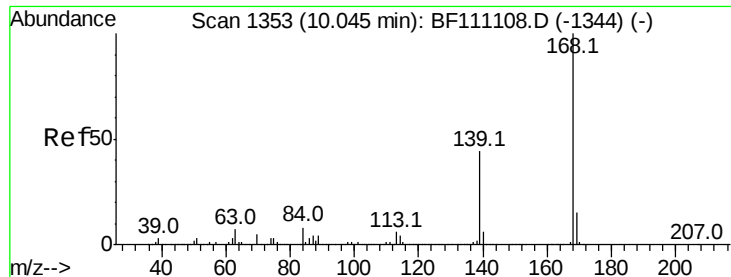
#54
2,4-Dinitrophenol
Concen: 8.666 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:184 Resp: 5624
Ion Ratio Lower Upper
184 100
63 71.4 64.2 96.4
154 427.9 89.5 134.3#



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: 42.762 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

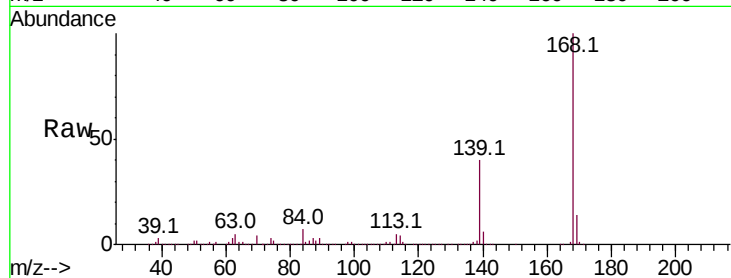
Tot Ion:168 Resp: 1851657

Ion	Ratio	Lower	Upper
168	100		
139	40.2	35.1	52.7
169	13.6	12.2	18.4

168 100

139 40.2 35.1 52.7

169 13.6 12.2 18.4

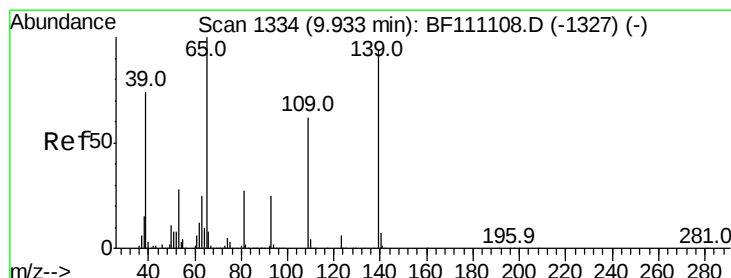
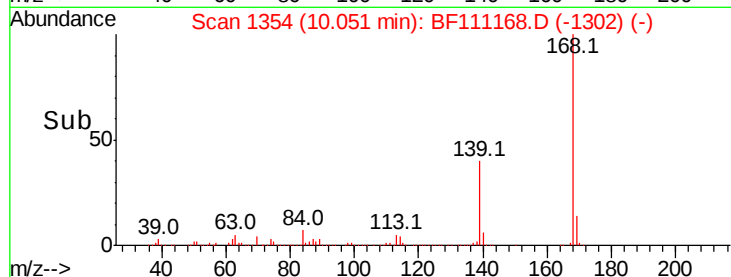
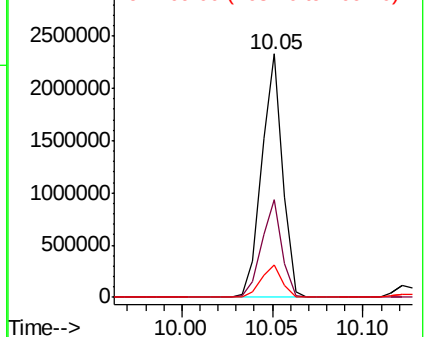


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.921 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

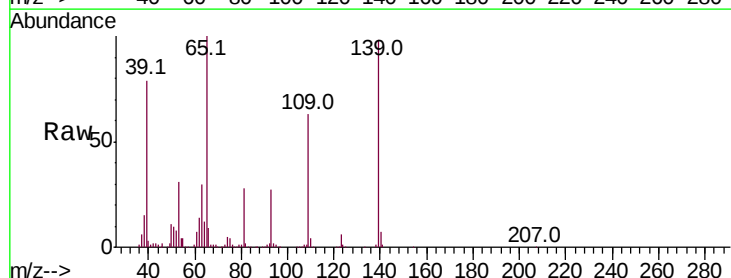
Tgt Ion:139 Resp: 283459

Ion	Ratio	Lower	Upper
139	100		
109	63.7	46.1	86.1
65	101.8	87.0	127.0

139 100

109 63.7 46.1 86.1

65 101.8 87.0 127.0

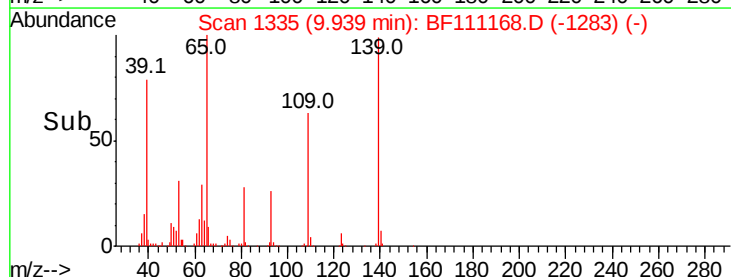
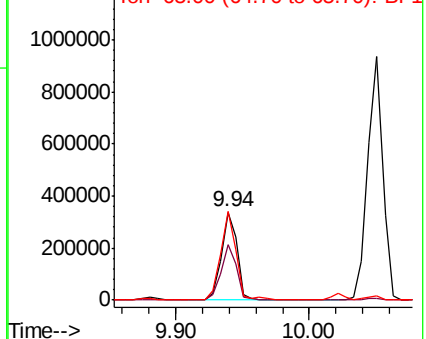


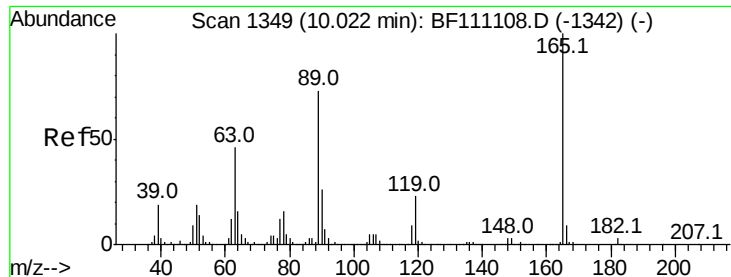
Abundance

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

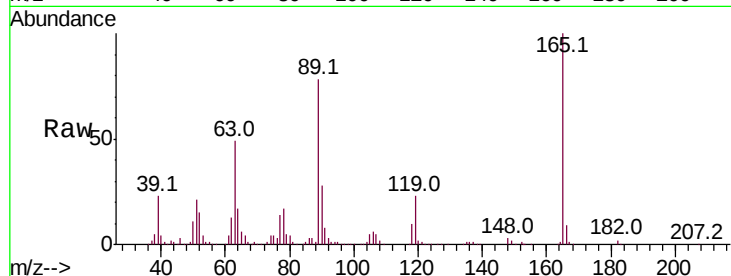




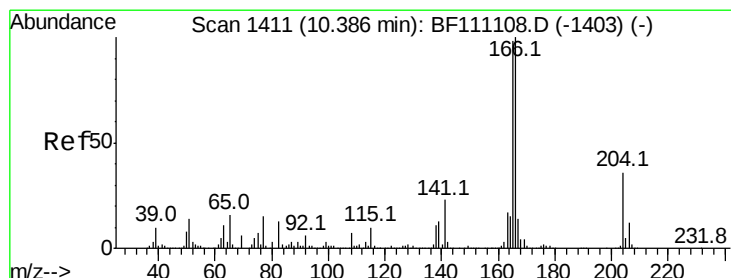
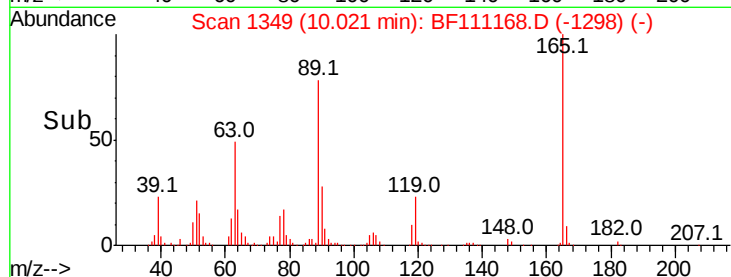
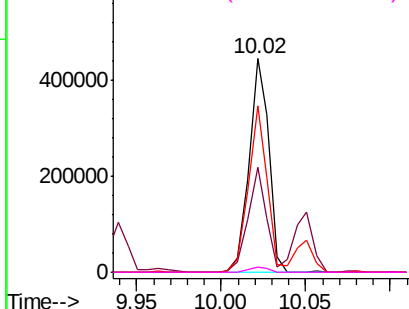
#57
 2,4-Dinitrotoluene
 Concen: 35.750 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 364619
 Ion Ratio Lower Upper
 165 100
 63 49.2 36.7 55.1
 89 78.0 58.4 87.6
 182 2.3 2.1 3.1

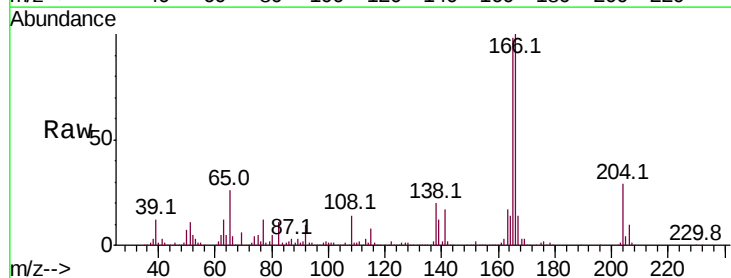


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

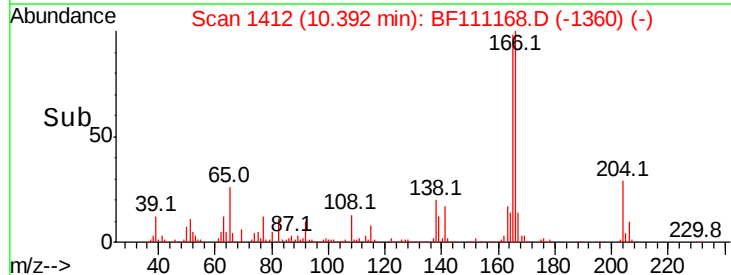
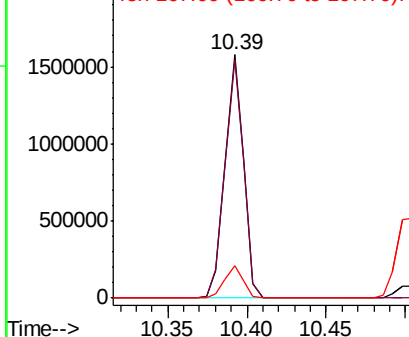


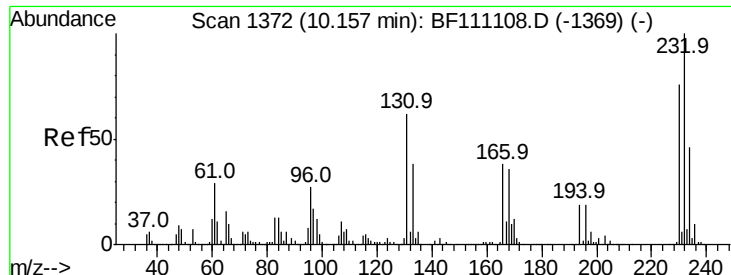
#58
 Fluorene
 Concen: 41.540 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion:166 Resp: 1268445
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.4 117.6
 167 13.5 11.4 17.2



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

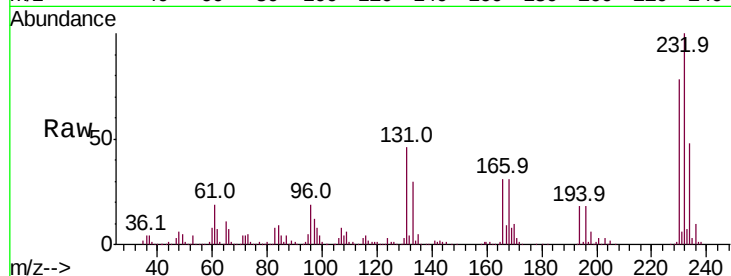




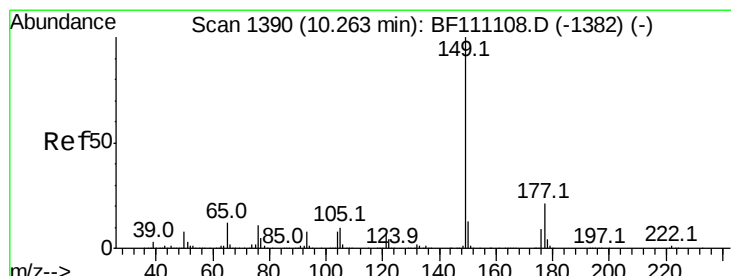
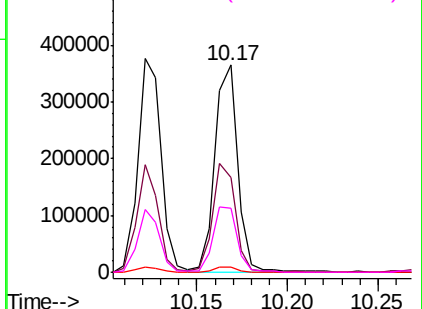
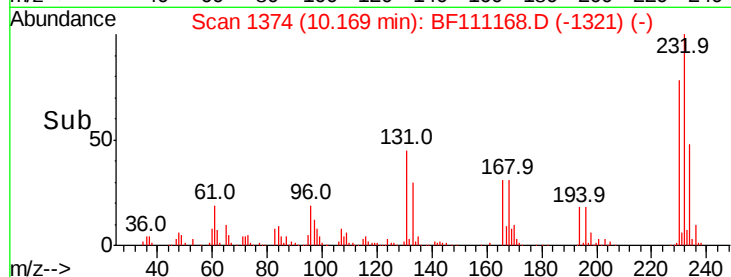
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.296 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 317610
 Ion Ratio Lower Upper
 232 100
 131 52.1 40.4 60.6
 130 2.7 2.1 3.1
 166 33.8 23.0 34.6

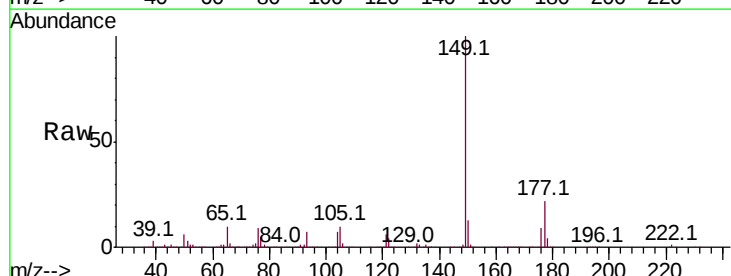


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

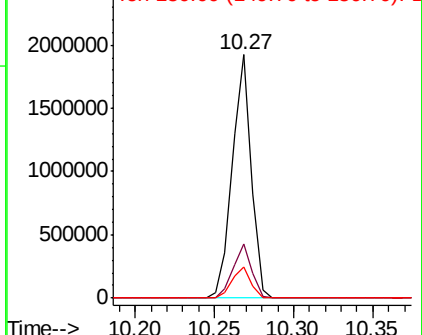
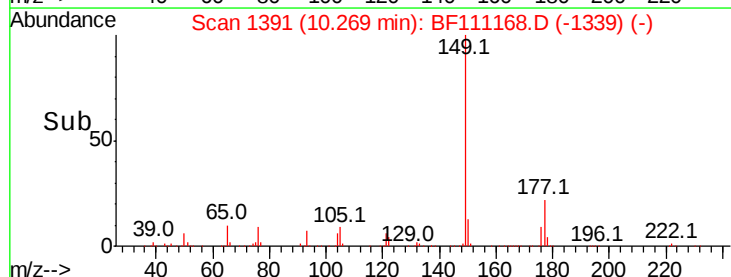


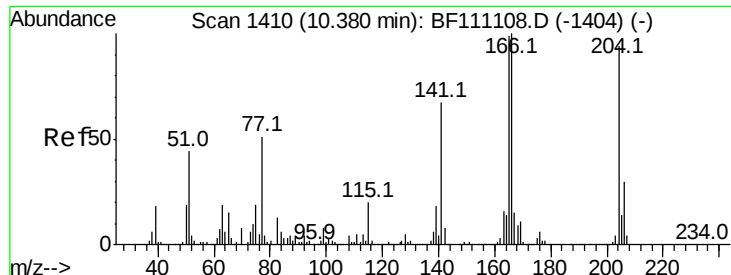
#60
 Diethylphthalate
 Concen: 42.800 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion:149 Resp: 1593140
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.0 25.6
 150 12.8 10.5 15.7



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

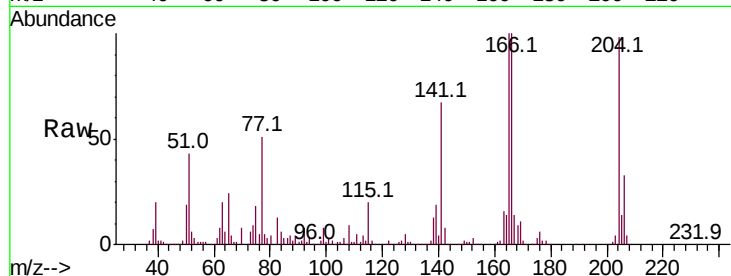




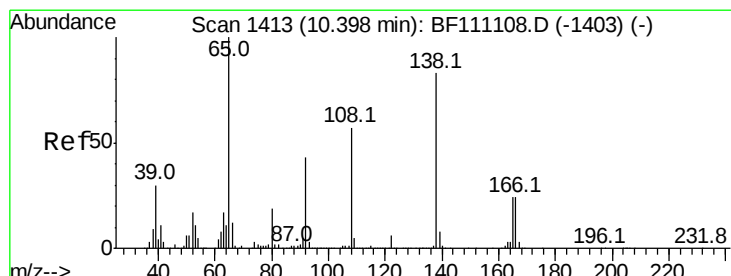
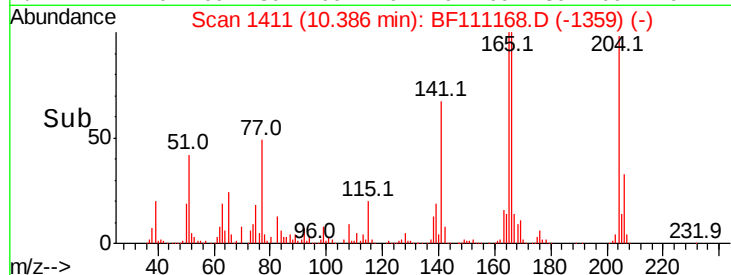
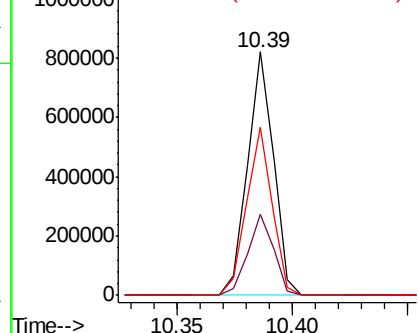
#61
4-Chlorophenyl-phenylether
Concen: 43.091 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 648452
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 68.9 57.4 86.0

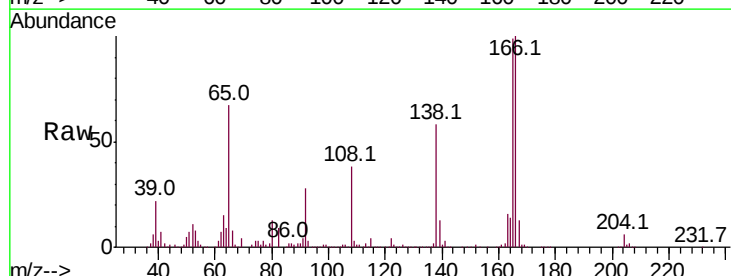


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

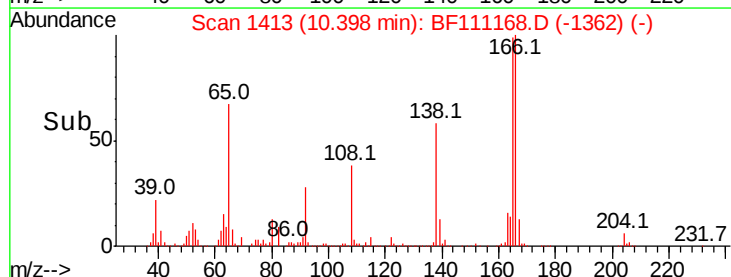
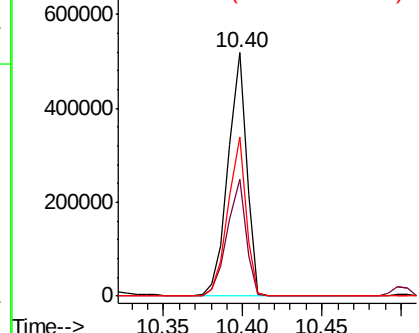


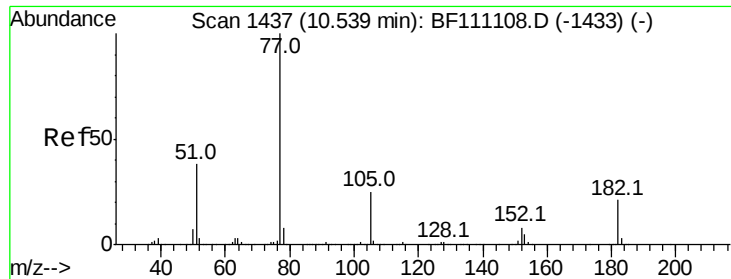
#62
4-Nitroaniline
Concen: 47.388 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:138 Resp: 424249
Ion Ratio Lower Upper
138 100
92 48.0 31.6 71.6
108 65.1 48.3 88.3



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

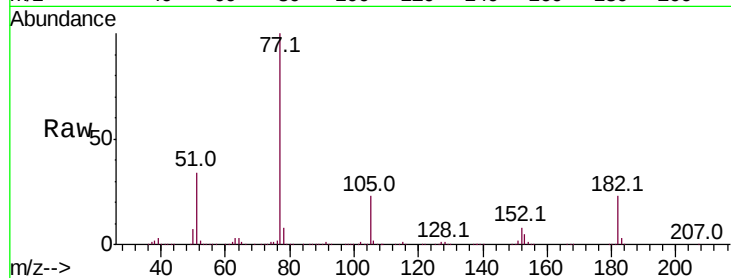




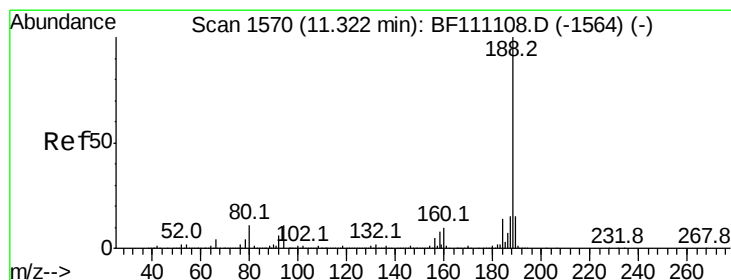
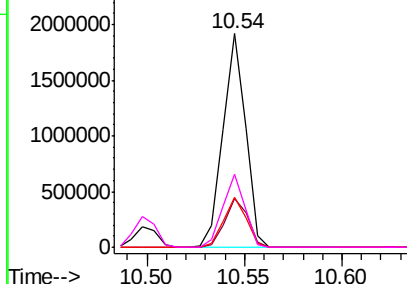
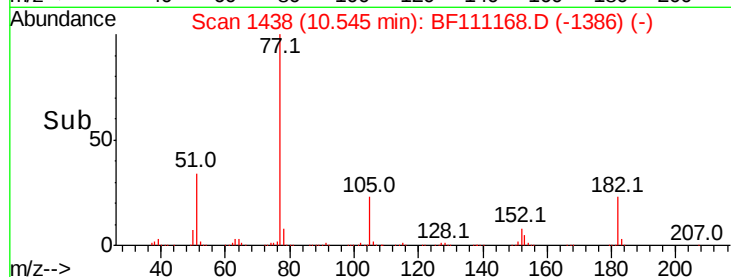
#63
Azobenzene
Concen: 38.893 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1541303
Ion Ratio Lower Upper
77 100
182 22.8 1.4 41.4
105 23.4 4.7 44.7
51 34.2 18.0 58.0

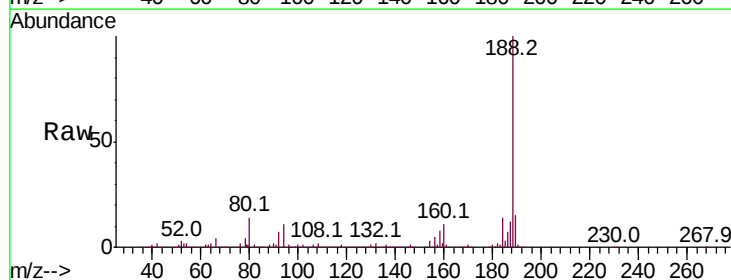


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

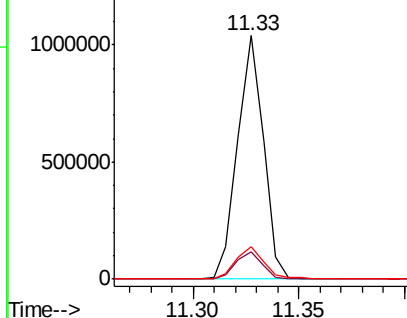
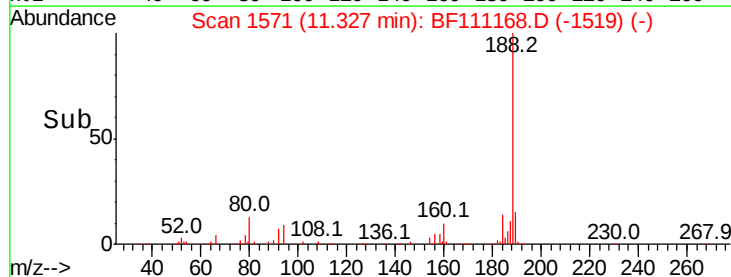


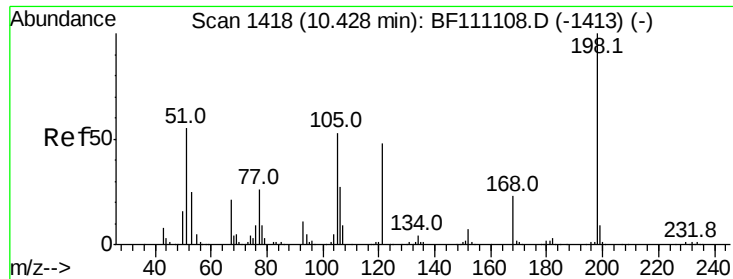
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion: 188 Resp: 880959
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 13.5 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

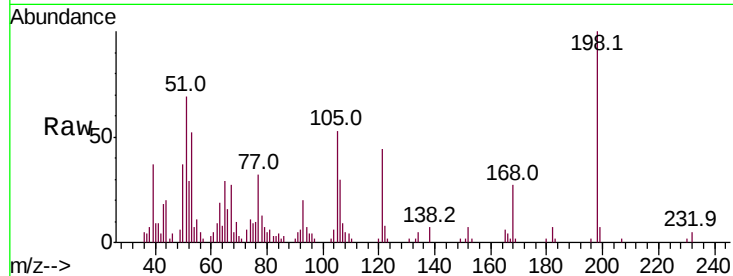




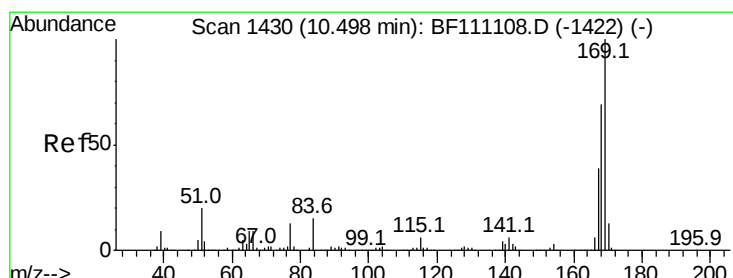
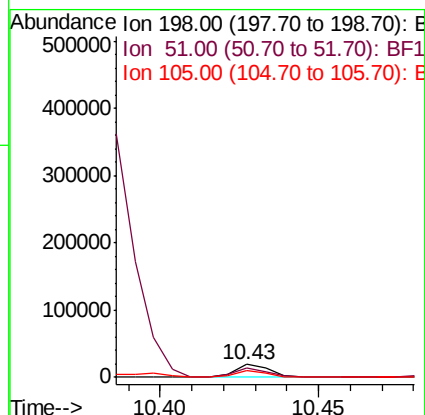
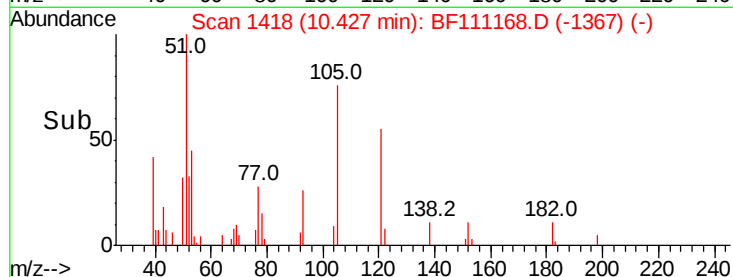
#65
4,6-Dinitro-2-methylphenol
Concen: 3.945 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 14359
Ion Ratio Lower Upper
198 100
51 68.8 48.8 88.8
105 53.3 35.2 75.2

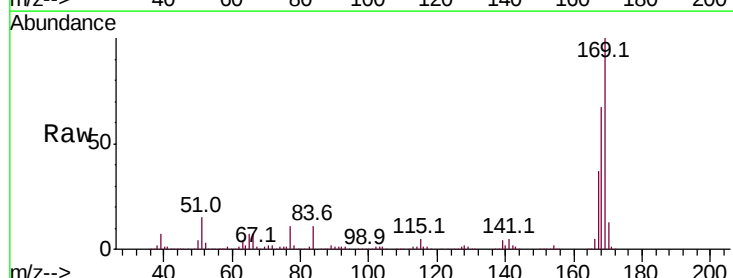


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

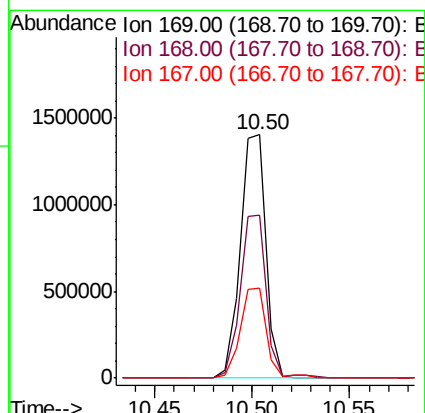
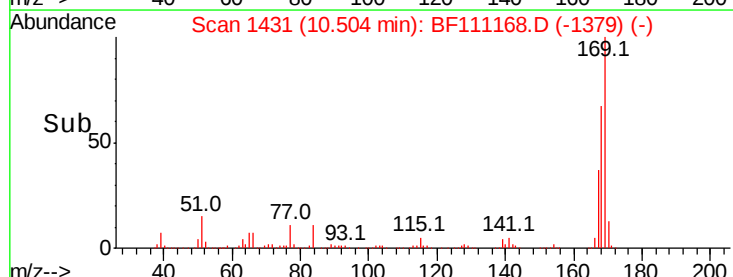


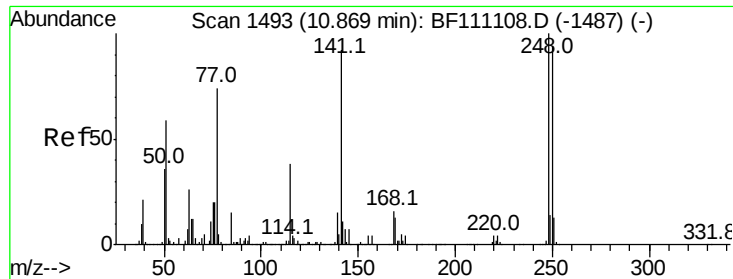
#66
n-Nitrosodiphenylamine
Concen: 41.241 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:169 Resp: 1272180
Ion Ratio Lower Upper
169 100
168 66.7 55.4 83.2
167 36.9 31.1 46.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

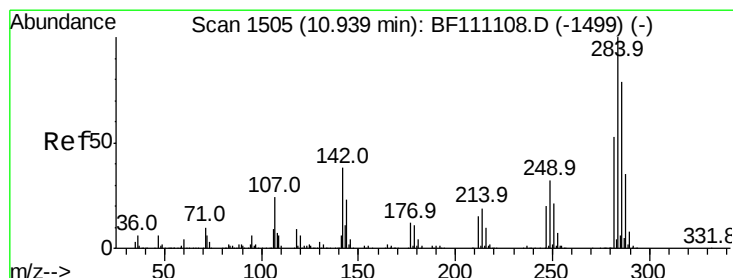
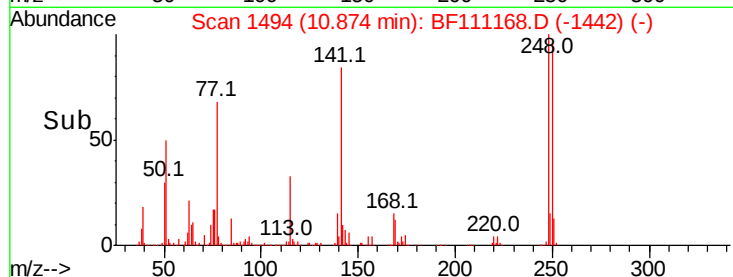
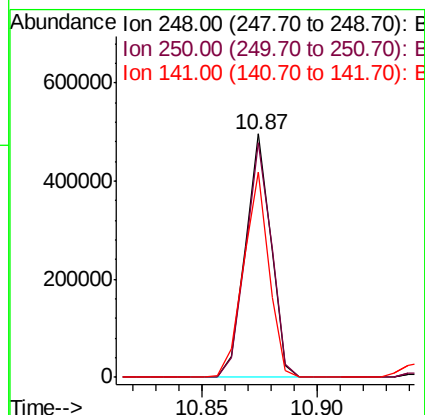
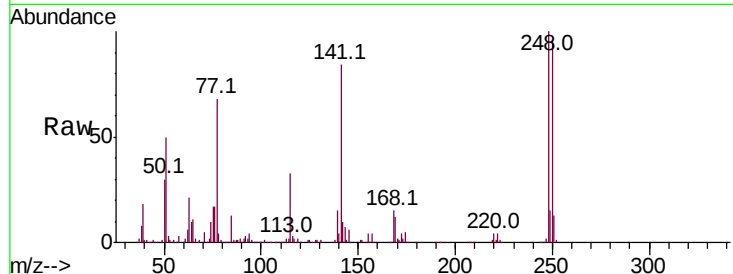




#67
4-Bromophenyl-phenylether
Concen: 41.233 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

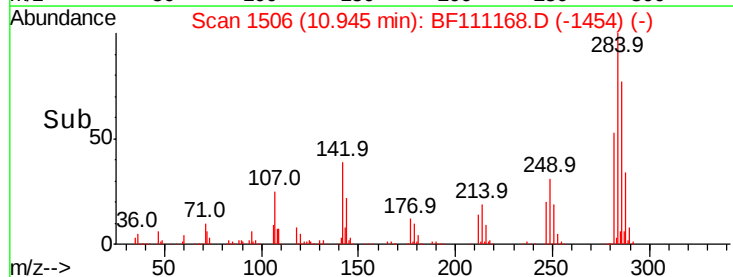
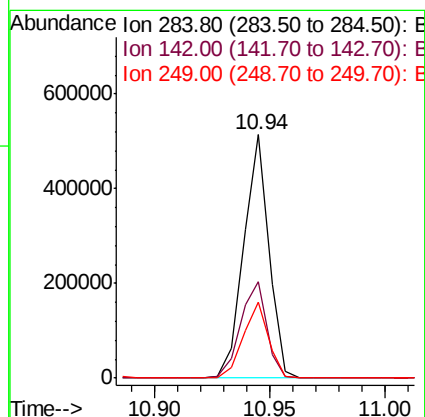
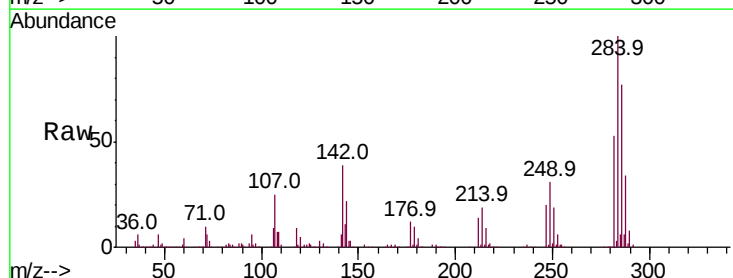
Instrument :
BNA_F
ClientSampleId :

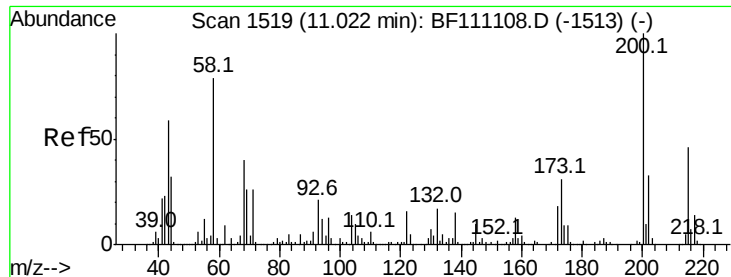
Tot Ion:248 Resp: 384517
Ion Ratio Lower Upper
248 100
250 96.5 75.4 113.0
141 84.1 73.8 110.6



#68
Hexachlorobenzene
Concen: 41.136 ng
RT: 10.94 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:284 Resp: 392257
Ion Ratio Lower Upper
284 100
142 39.4 30.2 45.2
249 31.3 25.3 37.9

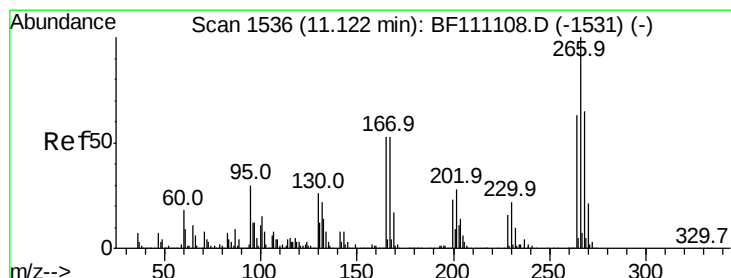
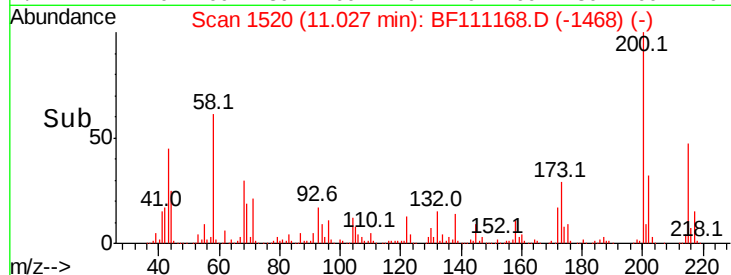
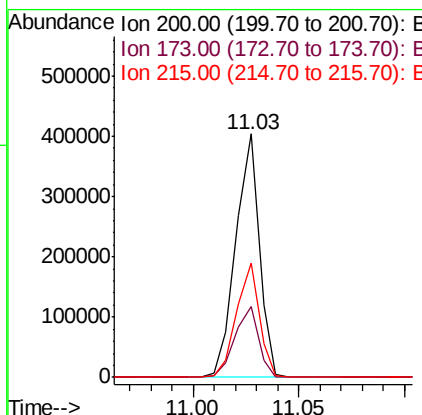
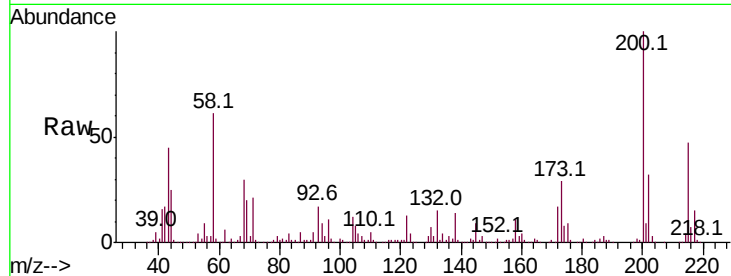




#69
Atrazine
Concen: 42.218 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

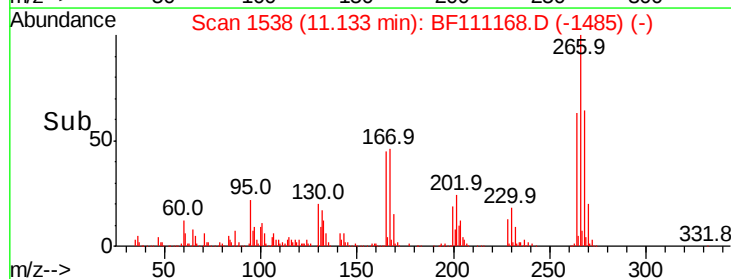
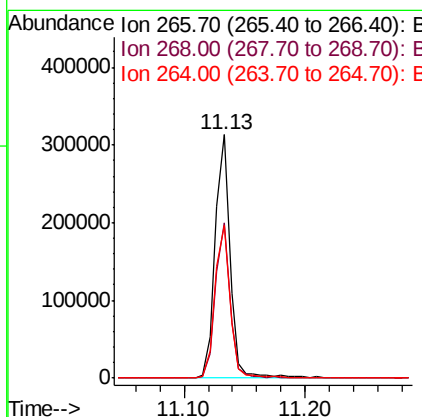
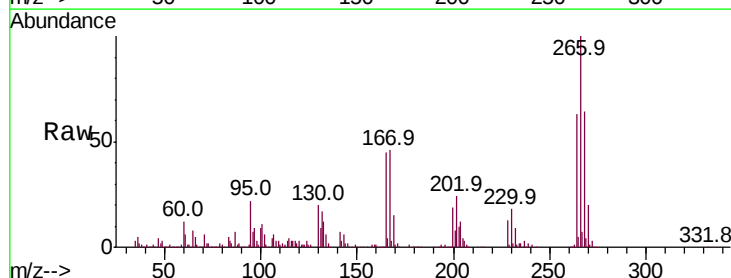
Instrument :
BNA_F
ClientSampleId :

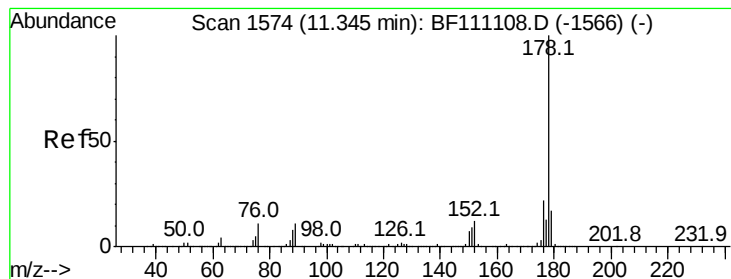
Tot Ion:200 Resp: 310583
Ion Ratio Lower Upper
200 100
173 29.0 11.3 51.3
215 47.2 25.9 65.9



#70
Pentachlorophenol
Concen: 42.276 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:266 Resp: 265101
Ion Ratio Lower Upper
266 100
268 63.9 52.2 78.4
264 62.7 50.8 76.2





#71

Phenanthrene

Concen: 43.220 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

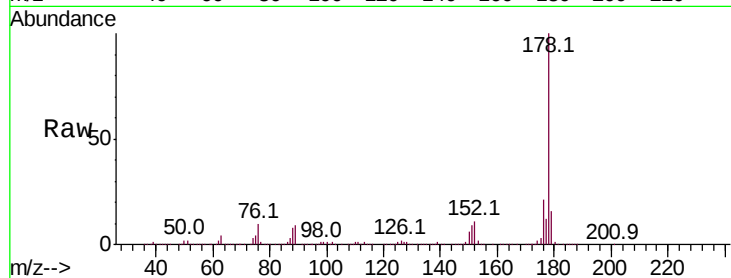
Tot Ion:178 Resp: 1831473

Ion Ratio Lower Upper

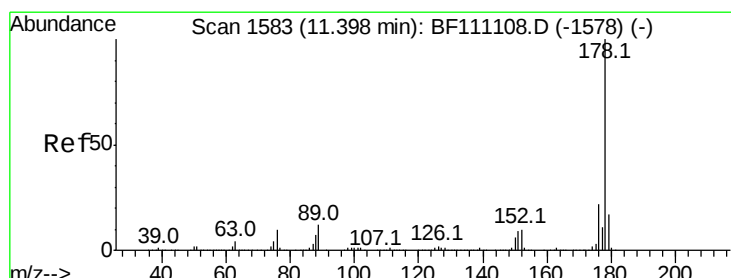
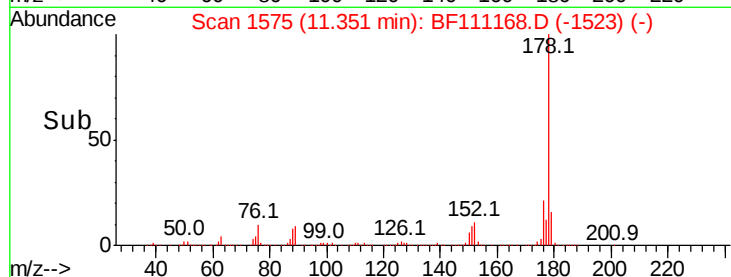
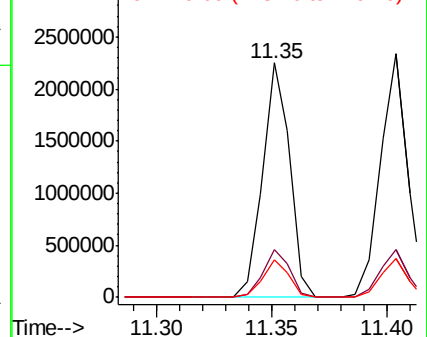
178 100

176 20.5 17.7 26.5

179 16.1 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.121 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

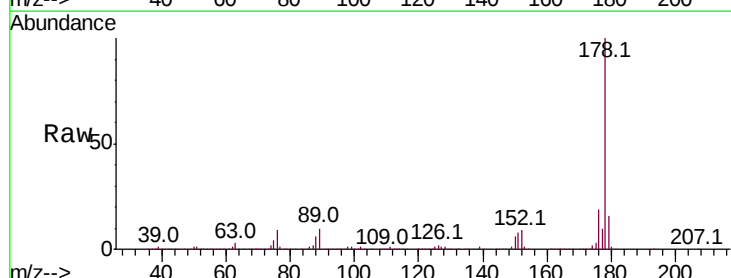
Tgt Ion:178 Resp: 1884591

Ion Ratio Lower Upper

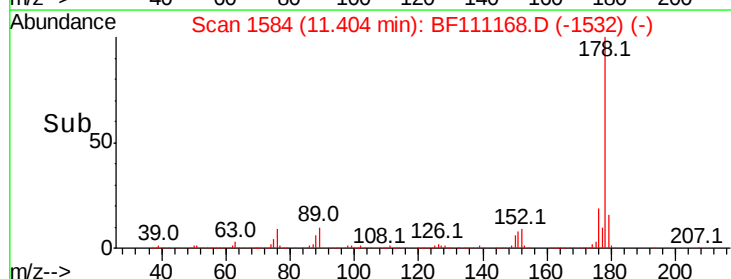
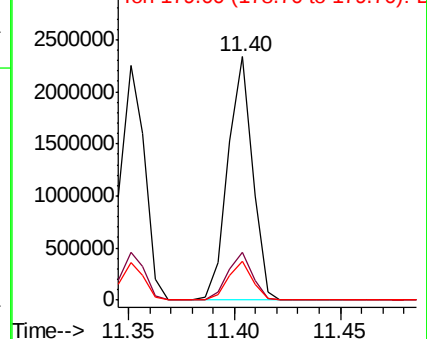
178 100

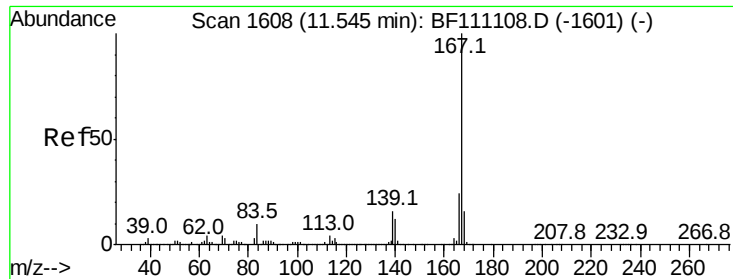
176 19.4 17.3 25.9

179 15.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



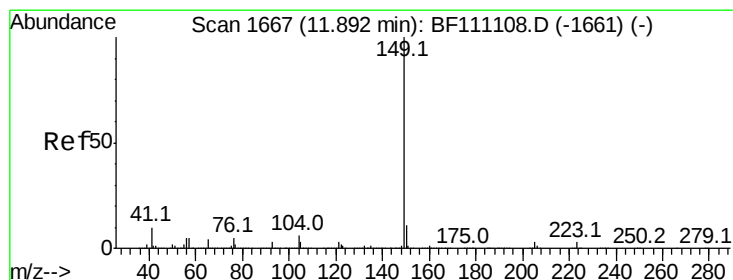
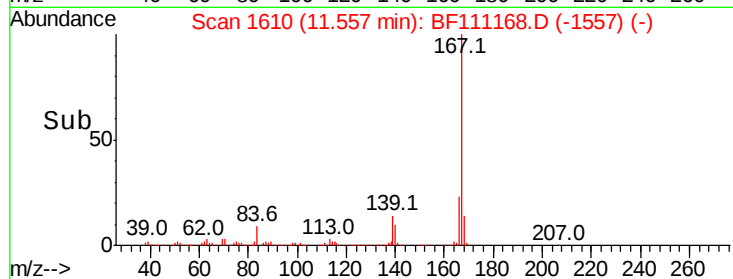
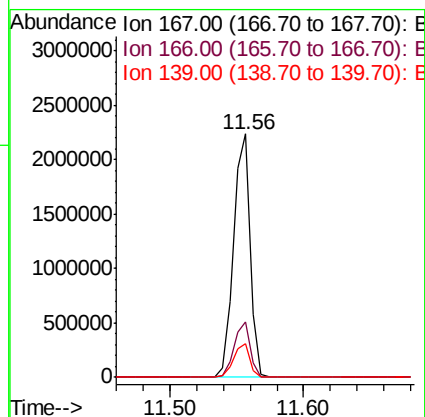
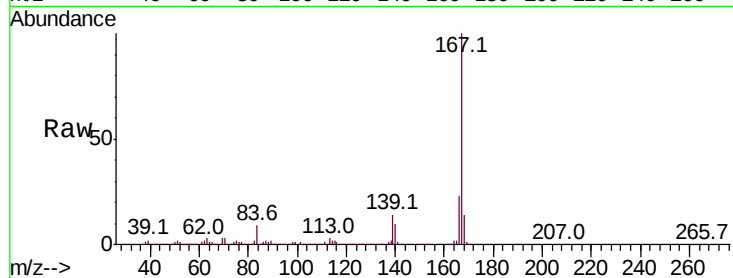


#73
 Carbazole
 Concen: 44.185 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1963866

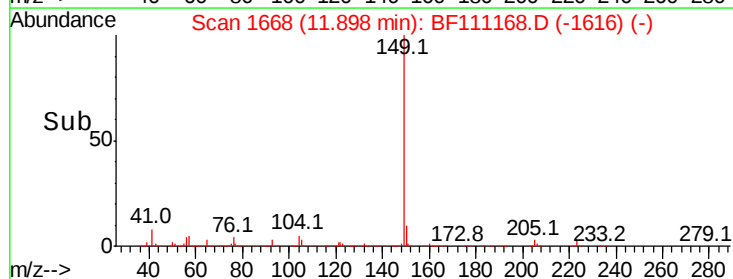
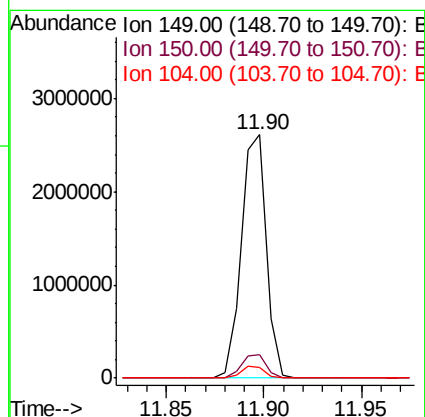
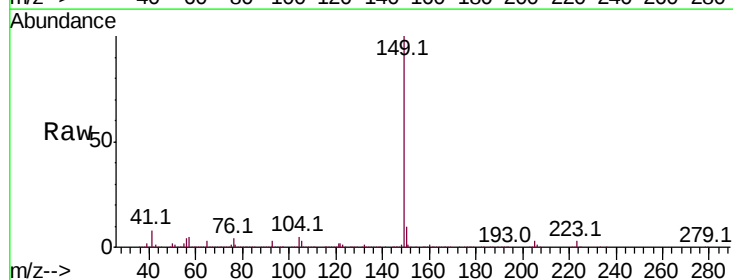
Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.4	29.0
139	13.6	12.6	18.8

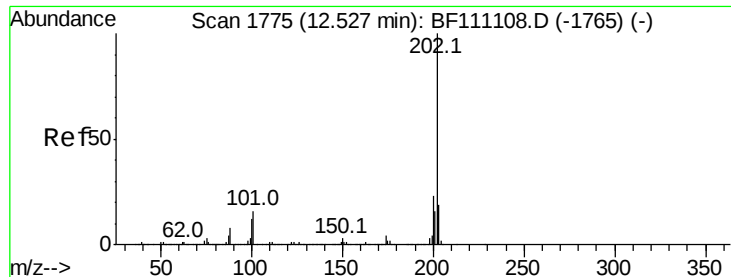


#74
 Di-n-butylphthalate
 Concen: 44.439 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF111168.D
 Acq: 7 Dec 2018 5:55

Tgt Ion:149 Resp: 2312062

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.6	12.8
104	4.6	4.5	6.7





#75

Fluoranthene

Concen: 46.649 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

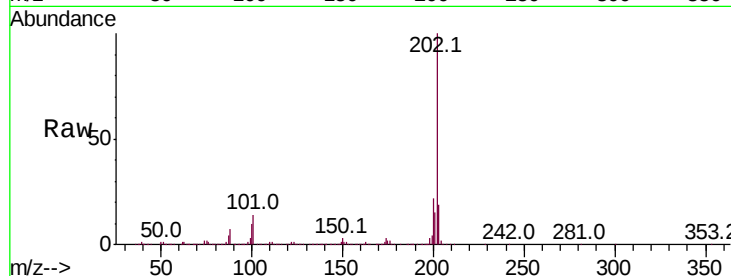
Tot Ion:202 Resp: 1934330

Ion Ratio Lower Upper

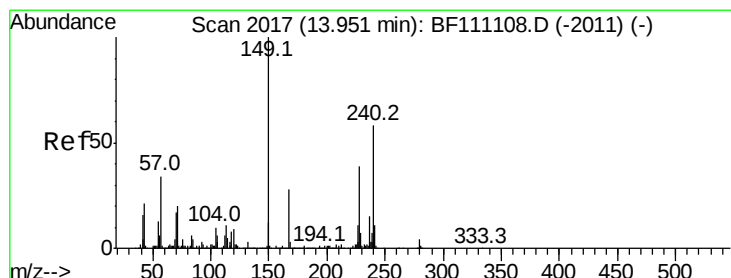
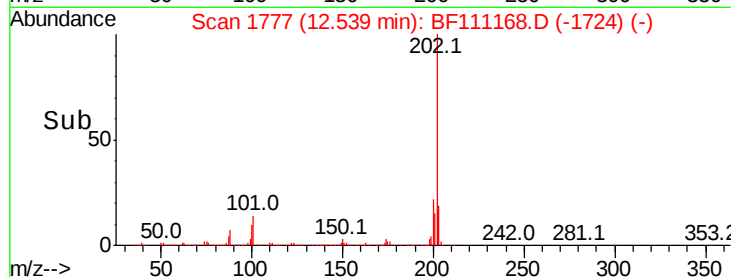
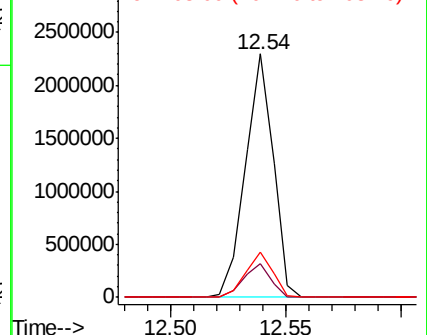
202 100

101 14.1 0.0 35.8

203 18.5 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

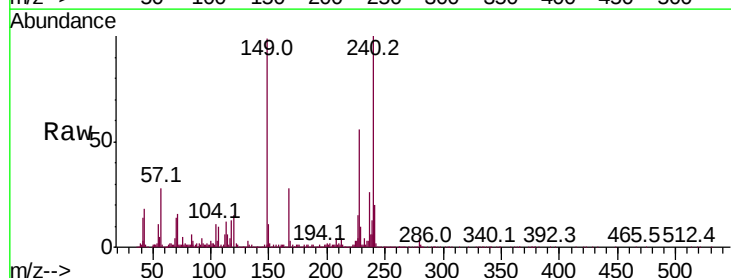
Tgt Ion:240 Resp: 633118

Ion Ratio Lower Upper

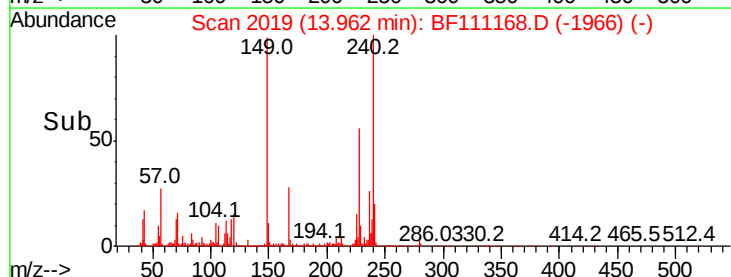
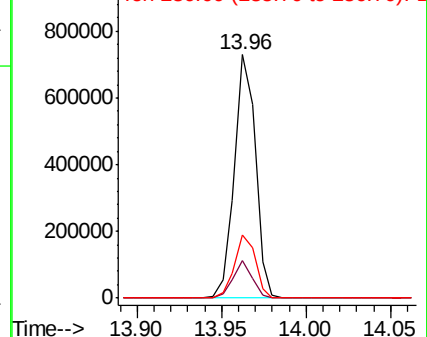
240 100

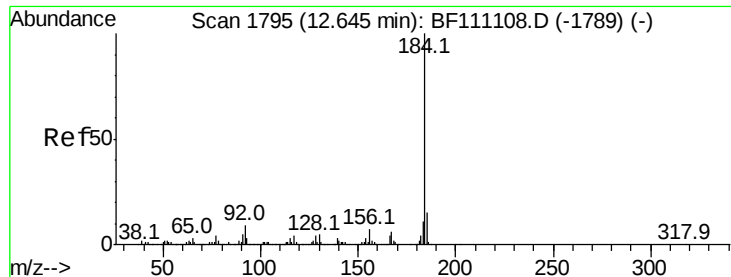
120 15.3 12.8 19.2

236 26.1 21.1 31.7



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: Below Cal

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

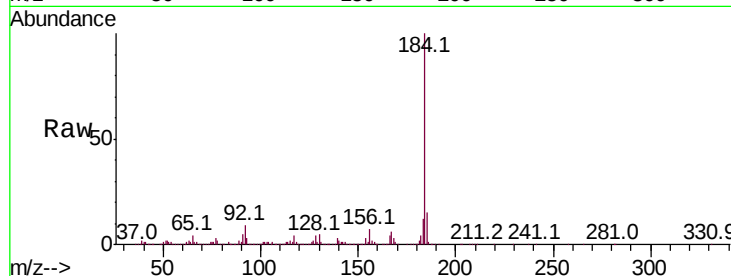
Tot Ion:184 Resp: 994064

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

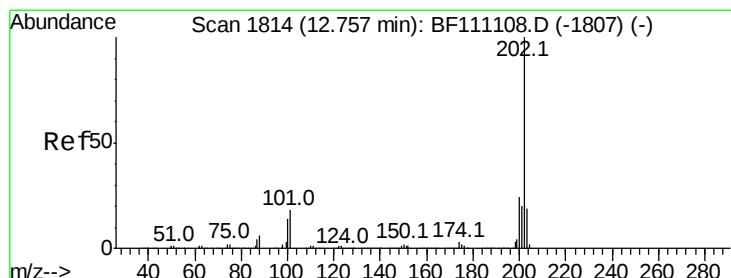
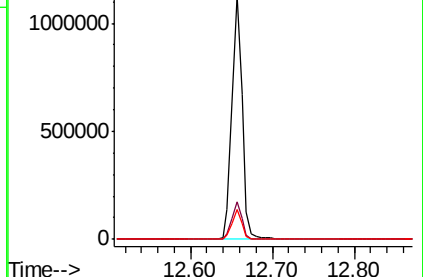
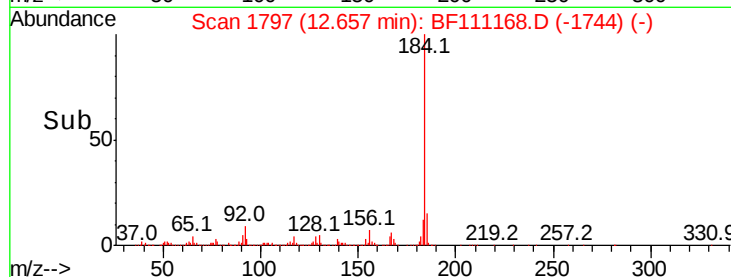
183 12.1 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.844 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

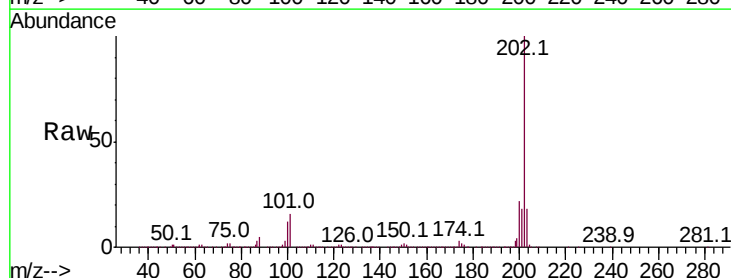
Tgt Ion:202 Resp: 2014634

Ion Ratio Lower Upper

202 100

200 22.2 19.3 28.9

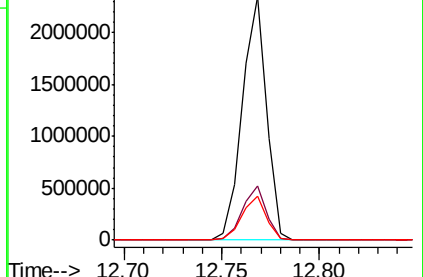
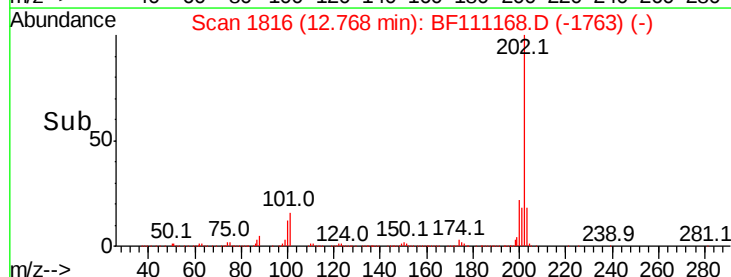
203 18.2 15.4 23.2

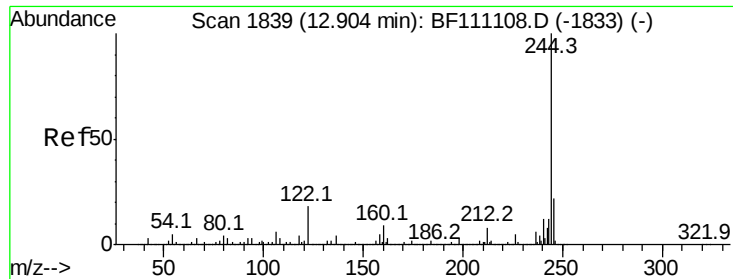


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.115 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

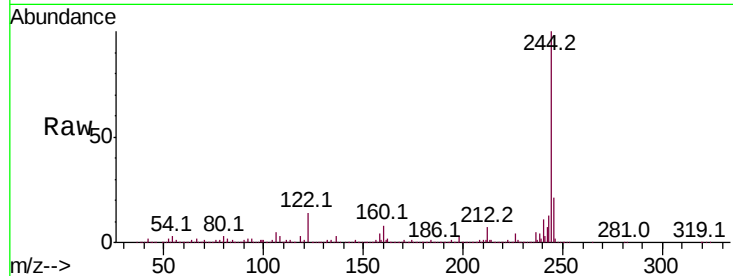
Tot Ion:244 Resp: 2662158

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

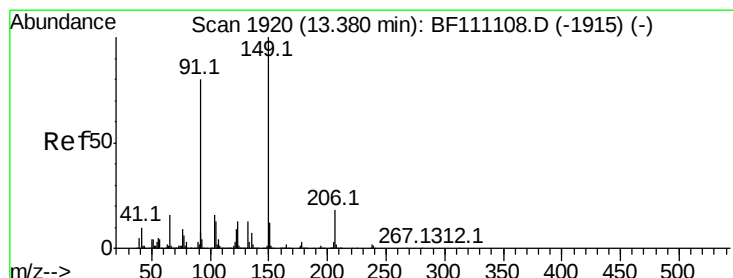
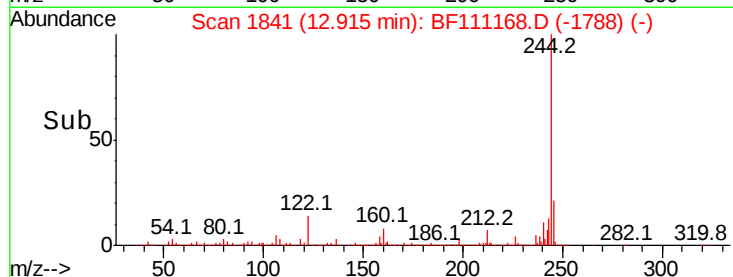
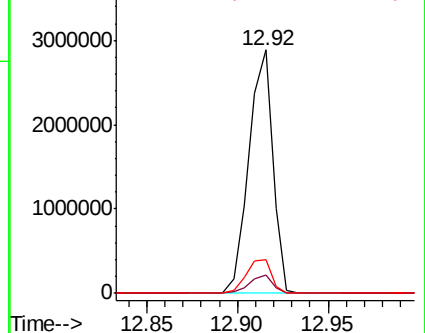
122 13.6 14.2 21.2#



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: 44.382 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

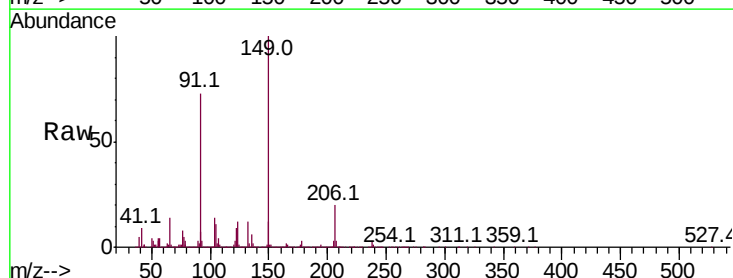
Tgt Ion:149 Resp: 1057523

Ion Ratio Lower Upper

149 100

91 73.2 64.0 96.0

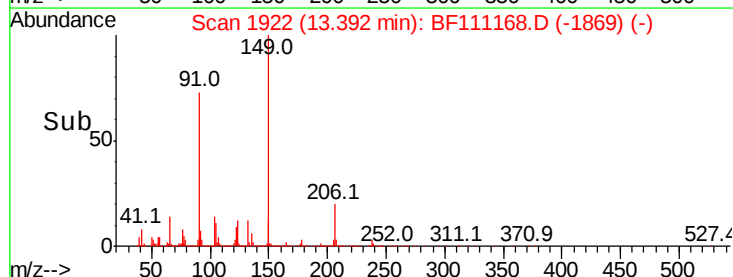
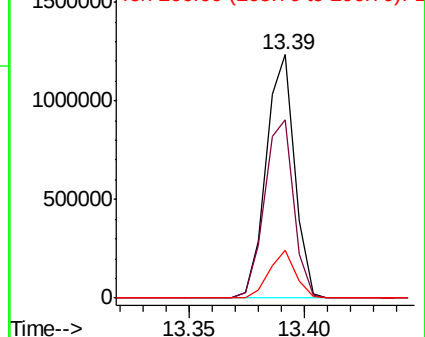
206 19.7 14.1 21.1

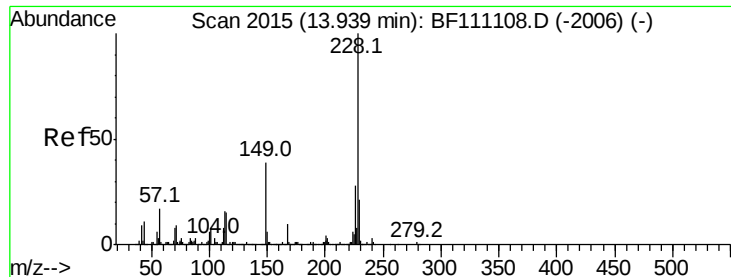


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.083 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampled :

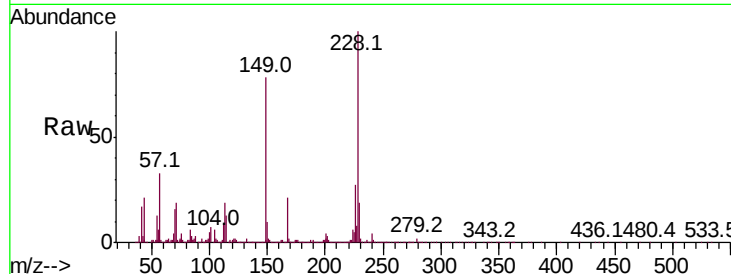
Tot Ion:228 Resp: 1449762

Ion Ratio Lower Upper

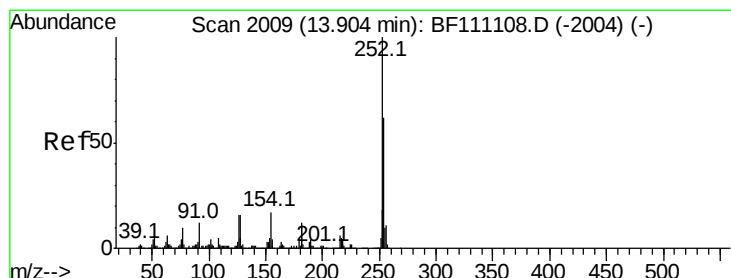
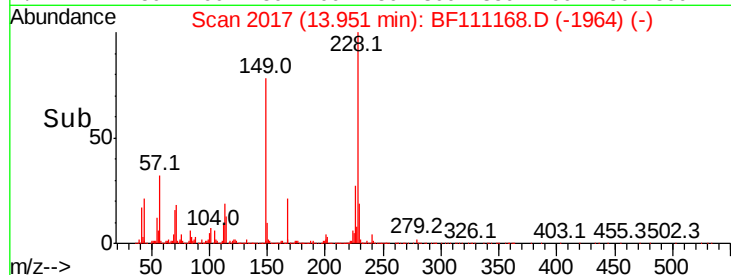
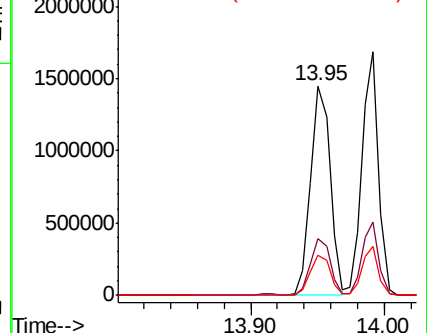
228 100

226 27.3 22.6 34.0

229 19.4 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.677 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

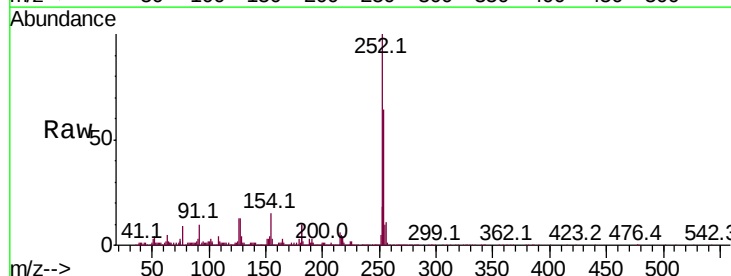
Tgt Ion:252 Resp: 653430

Ion Ratio Lower Upper

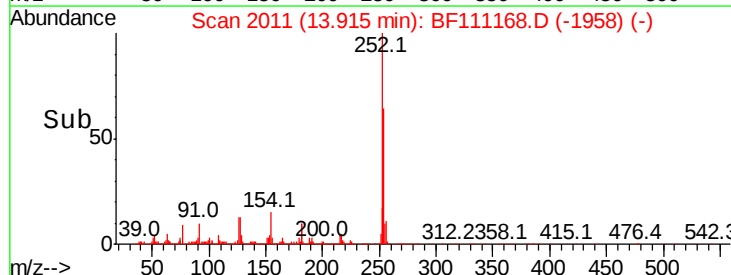
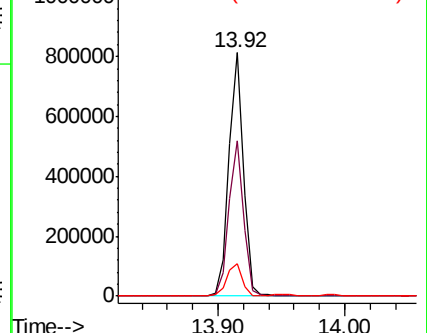
252 100

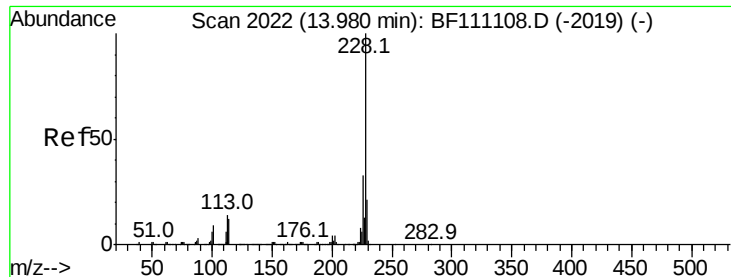
254 63.9 49.8 74.8

126 13.4 12.9 19.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

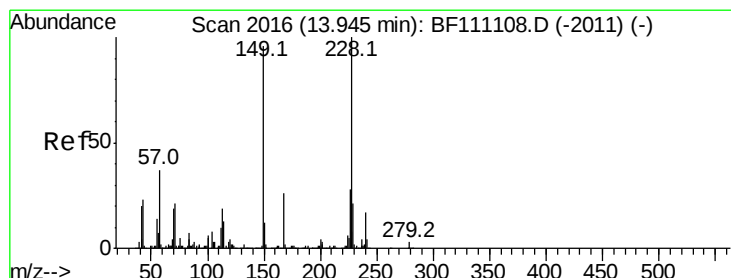
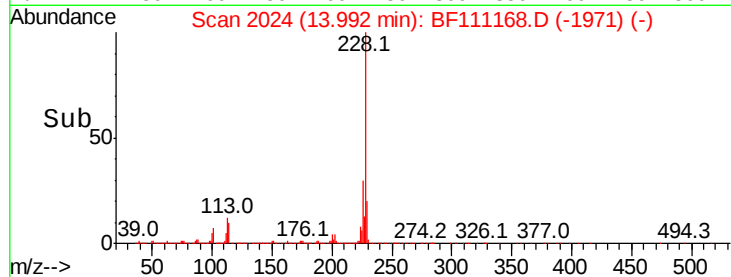
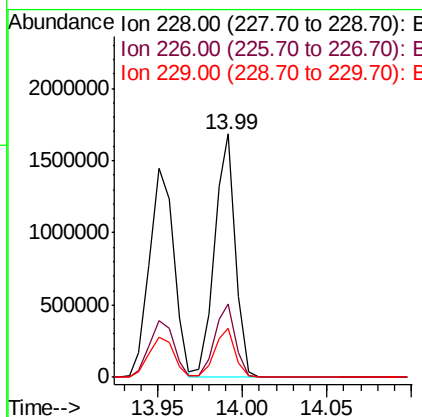
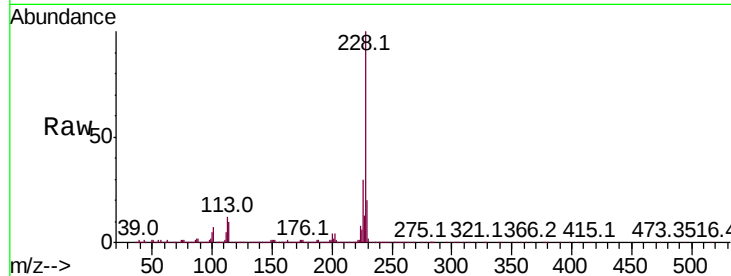




#83
Chrysene
Concen: 39.470 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

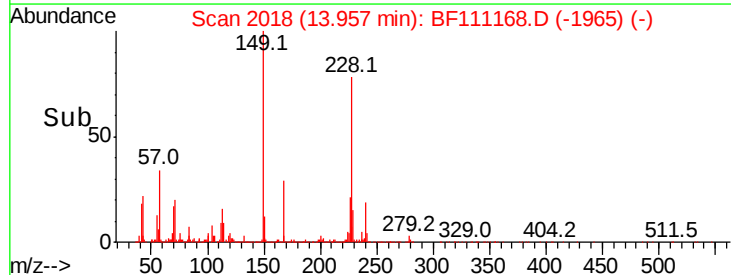
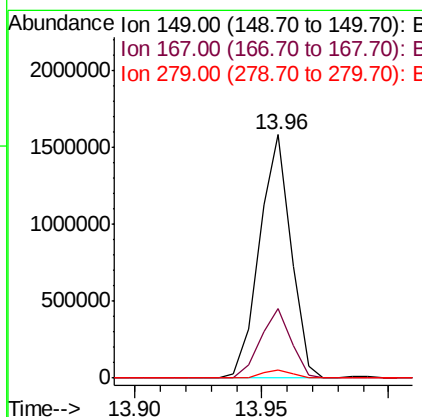
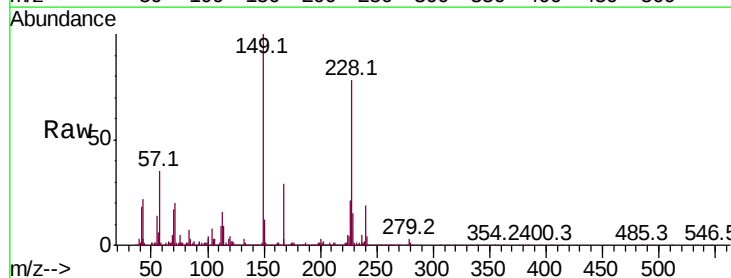
Instrument :
BNA_F
ClientSampleId :

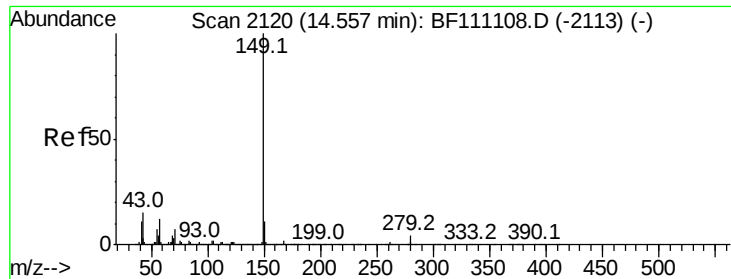
Tot Ion:228 Resp: 1453477
Ion Ratio Lower Upper
228 100
226 30.4 26.2 39.2
229 20.2 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.178 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:149 Resp: 1357835
Ion Ratio Lower Upper
149 100
167 28.6 21.6 32.4
279 3.4 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 49.199 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

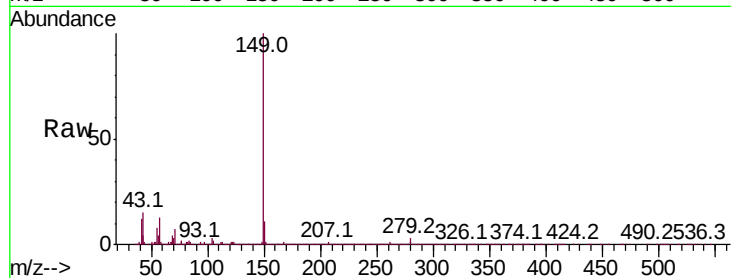
Tot Ion:149 Resp: 2226042

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

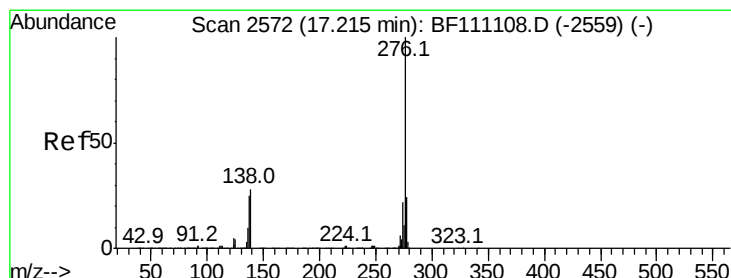
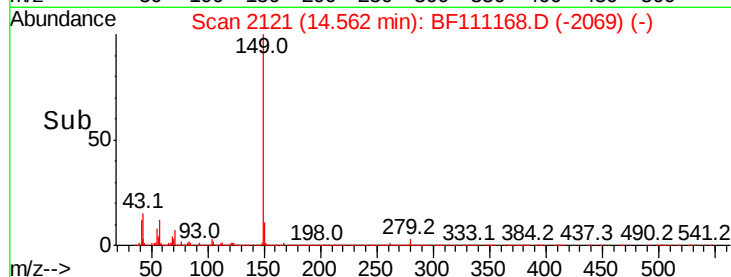
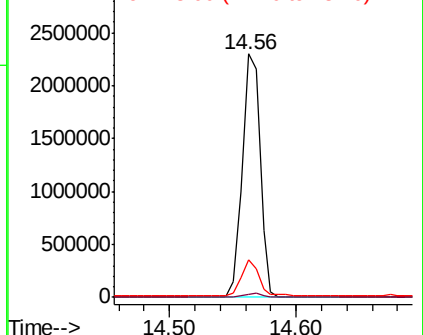
43 14.2 11.9 17.9



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: 35.163 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.03 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

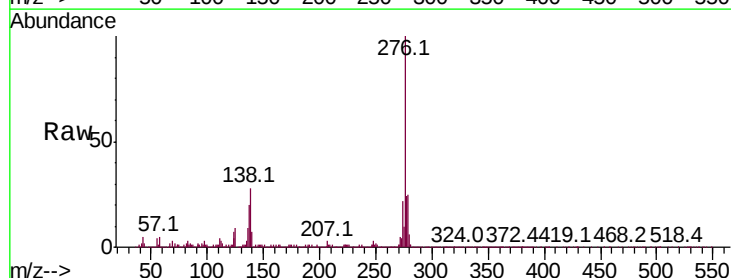
Tgt Ion:276 Resp: 1039662

Ion Ratio Lower Upper

276 100

138 32.0 20.2 30.4#

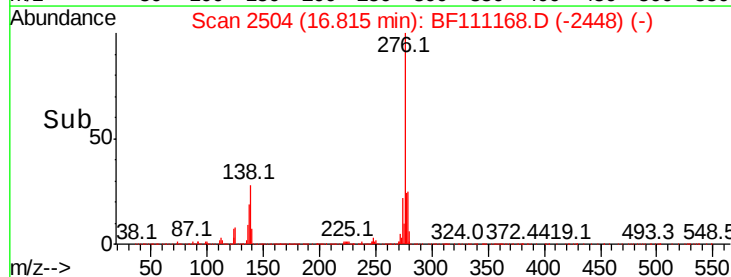
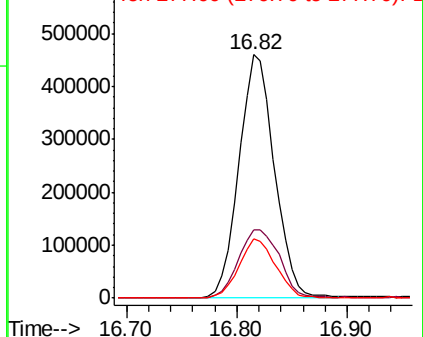
277 24.7 15.8 23.6#

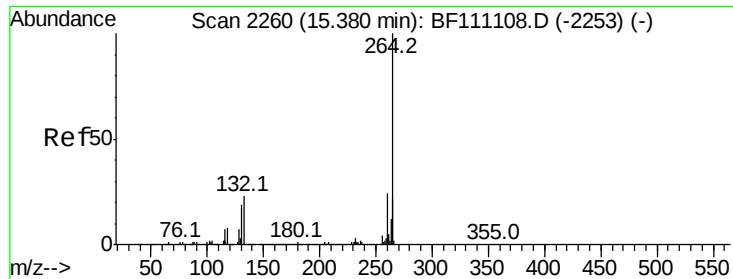


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



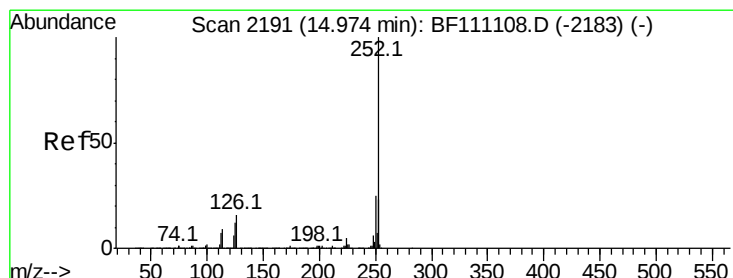
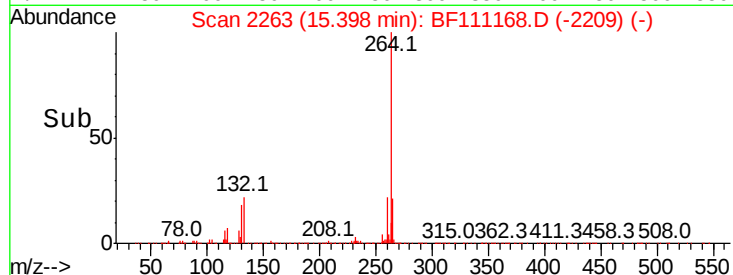
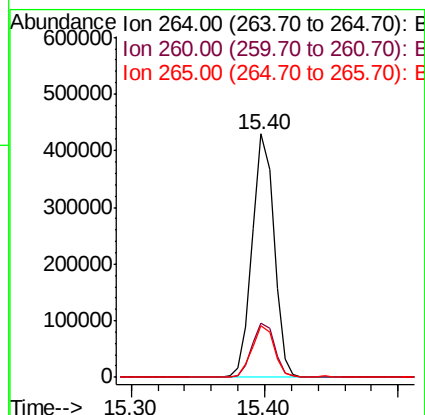
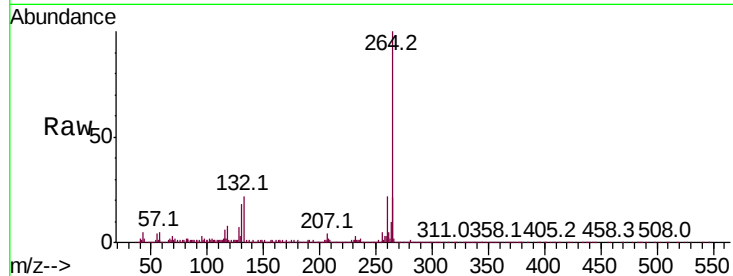


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 481378

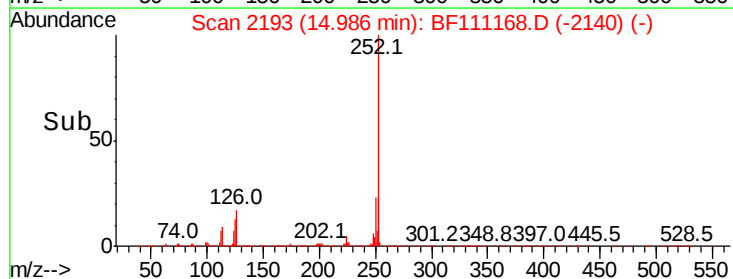
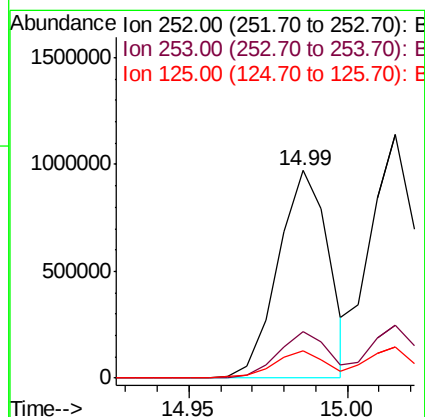
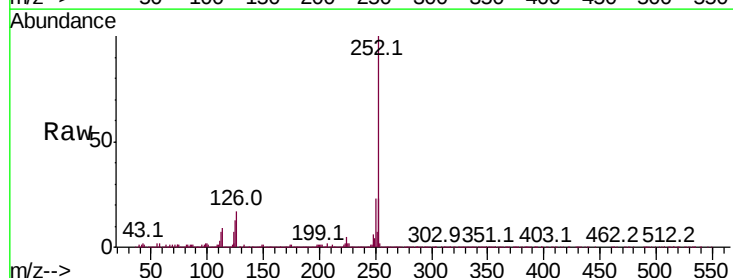
Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.4	29.0
265	21.1	17.4	26.0

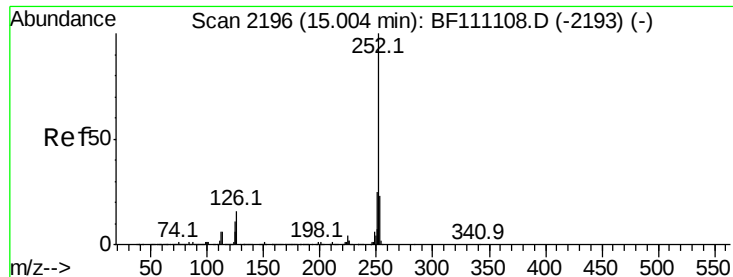


#88
Benzo(b)fluoranthene
Concen: 39.666 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:252 Resp: 1081970

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	13.3	9.9	14.9

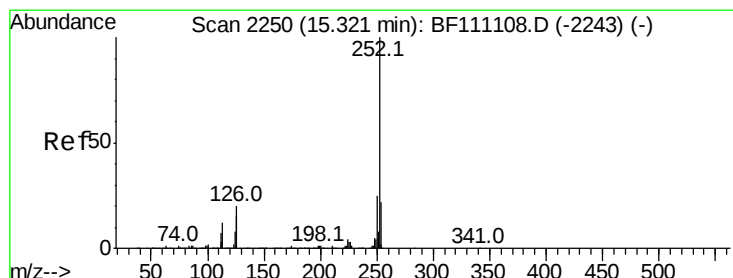
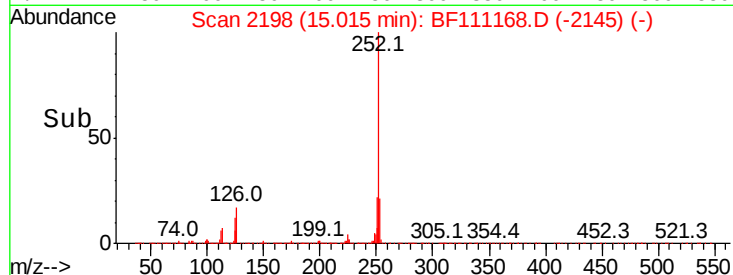
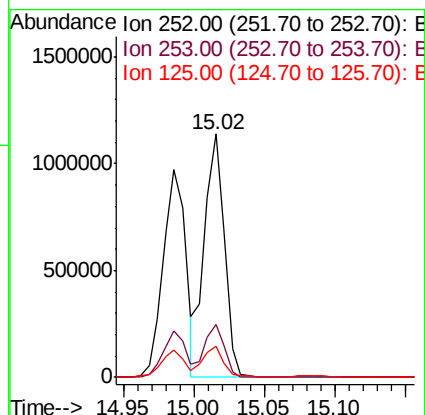
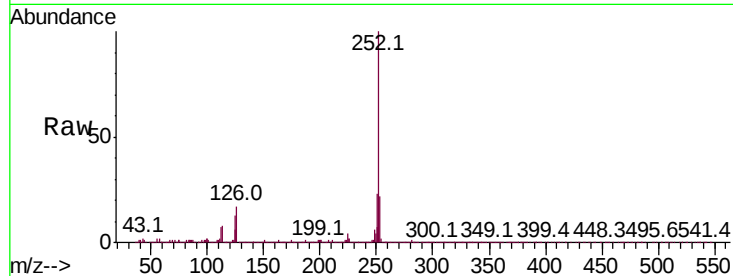




#89
Benzo(k)fluoranthene
Concen: 42.660 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

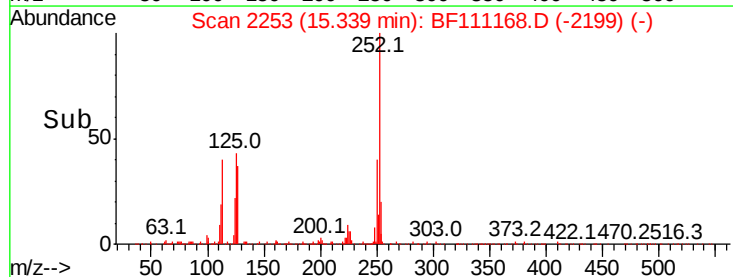
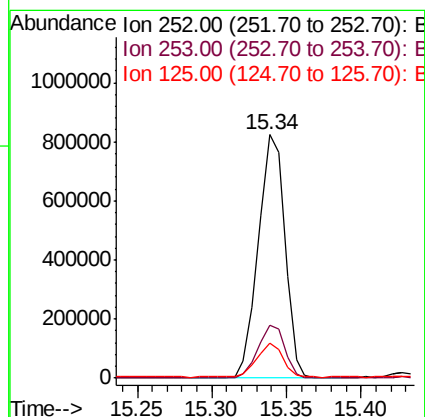
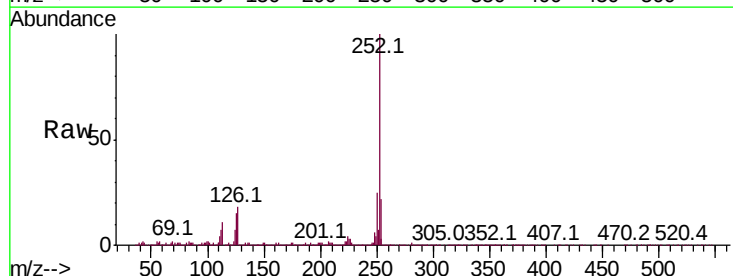
Instrument :
BNA_F
ClientSampleId :

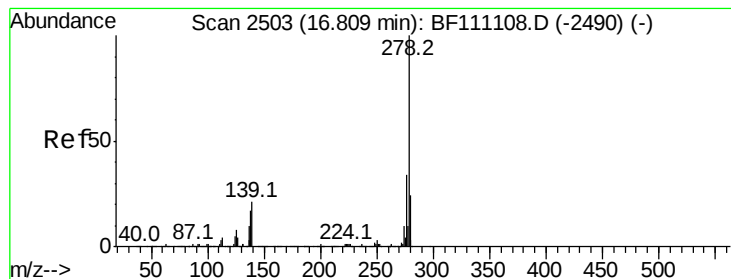
Tot Ion:252 Resp: 1124921
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 12.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.490 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111168.D
Acq: 7 Dec 2018 5:55

Tgt Ion:252 Resp: 1013053
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 14.6 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 42.405 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

Instrument :

BNA_F

ClientSampleId :

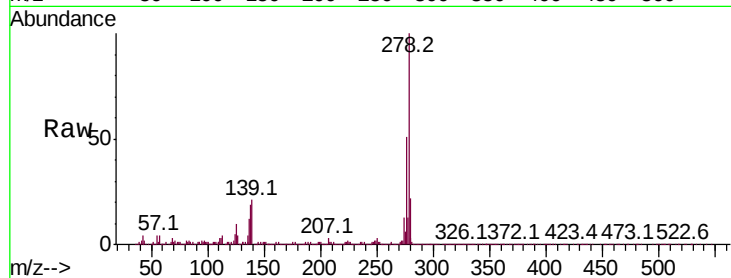
Tot Ion:278 Resp: 890328

Ion Ratio Lower Upper

278 100

139 20.7 16.6 25.0

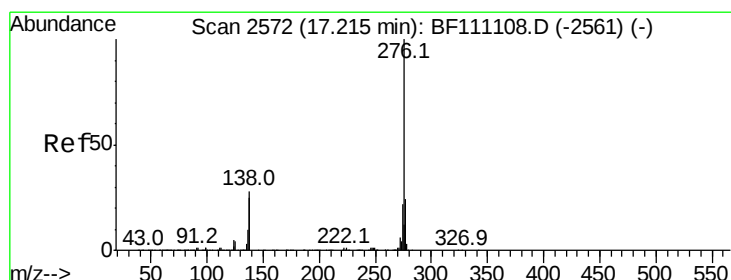
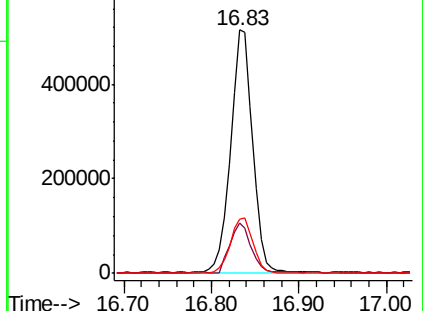
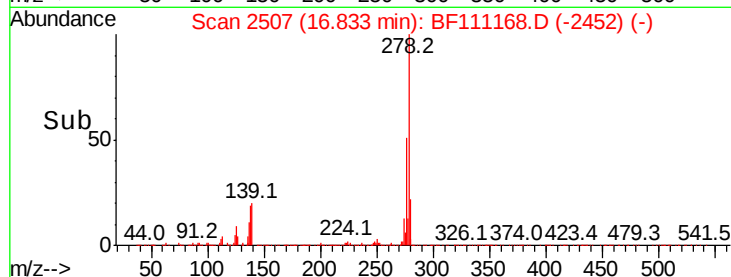
279 22.5 18.8 28.2



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: 40.709 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.03 min

Lab File: BF111168.D

Acq: 7 Dec 2018 5:55

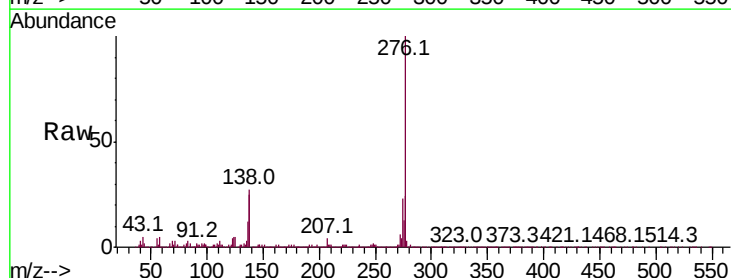
Tgt Ion:276 Resp: 858914

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 26.5 22.3 33.5



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

