

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111106.D
 Acq On : 5 Dec 2018 13:55
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 15:29:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 15:25:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	550121	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2287627	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1093427	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1868619	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1429152	20.00	ng	0.00
87) Perylene-d12	15.38	264	1214739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	783768	23.63	ng	0.00
7) Phenol-d6	6.42	99	1014176	23.46	ng	-0.02
23) Nitrobenzene-d5	7.36	82	816707	20.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	184595	17.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1613772	21.38	ng	0.00
79) Terphenyl-d14	12.90	244	1523605	20.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	213706	13.446	ng	# 82
3) Pyridine	3.27	79	464985	13.361	ng	# 77
4) n-Nitrosodimethylamine	3.19	42	225147	14.138	ng	# 82
6) Aniline	6.46	93	646832	12.103	ng	# 54
8) 2-Chlorophenol	6.58	128	444909	11.317	ng	92
9) Benzaldehyde	6.35	77	337984	14.647	ng	99
10) Phenol	6.43	94	547387	11.243	ng	# 60
11) bis(2-Chloroethyl)ether	6.53	93	438745	11.962	ng	91
12) 1,3-Dichlorobenzene	6.75	146	469555	10.872	ng	98
13) 1,4-Dichlorobenzene	6.82	146	484915	10.918	ng	99
14) 1,2-Dichlorobenzene	6.97	146	453321	10.844	ng	99
15) Benzyl Alcohol	6.93	79	391879	11.795	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	858835	14.713	ng	64
17) 2-Methylphenol	7.05	107	355343	11.368	ng	# 80
18) Hexachloroethane	7.32	117	171598	10.503	ng	88
19) n-Nitroso-di-n-propylamine	7.21	70	330222	11.727	ng	# 88
20) 3+4-Methylphenols	7.20	107	462288	11.125	ng	94
22) Acetophenone	7.20	105	610046	11.377	ng	# 88
24) Nitrobenzene	7.37	77	432723	10.410	ng	99
25) Isophorone	7.62	82	760482	11.598	ng	99
26) 2-Nitrophenol	7.70	139	161933	8.018	ng	91
27) 2,4-Dimethylphenol	7.73	122	355918	11.670	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	522441	11.894	ng	99
29) 2,4-Dichlorophenol	7.93	162	345028	10.811	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	348946	9.757	ng	97
31) Naphthalene	8.10	128	1220807	11.385	ng	99
32) Benzoic acid	7.80	122	198887	8.771	ng	94
33) 4-Chloroaniline	8.15	127	542149	11.878	ng	98
34) Hexachlorobutadiene	8.23	225	190994	9.376	ng	98
35) Caprolactam	8.48	113	124078	11.388	ng	# 75
36) 4-Chloro-3-methylphenol	8.62	107	379753	10.710	ng	97
37) 2-Methylnaphthalene	8.80	142	769522	10.864	ng	98
38) 1-Methylnaphthalene	8.89	142	749891	10.885	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	324370	9.430	ng	# 97

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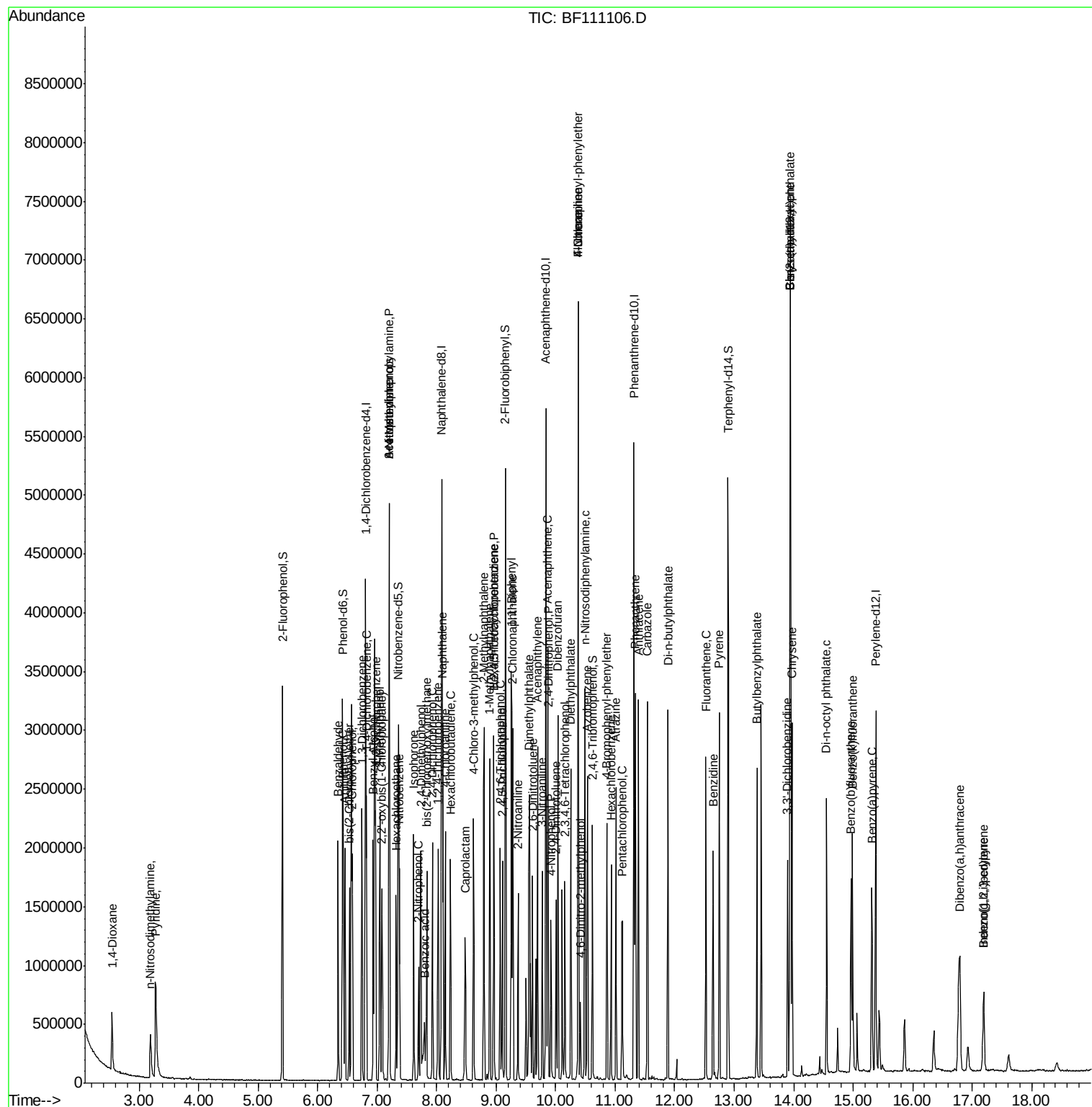
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	155411	44.902	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	220839	10.750	ng	97
44) 2,4,5-Trichlorophenol	9.10	196	233784	10.808	ng	97
46) 1,1'-Biphenyl	9.26	154	1050398	10.420	ng	99
47) 2-Chloronaphthalene	9.28	162	783753	10.723	ng	99
48) 2-Nitroaniline	9.37	65	206411	9.029	ng	99
49) Acenaphthylene	9.70	152	1162679	11.187	ng	98
50) Dimethylphthalate	9.56	163	861410	10.742	ng	99
51) 2,6-Dinitrotoluene	9.61	165	165870	9.291	ng	93
52) Acenaphthene	9.87	154	710148	10.658	ng	100
53) 3-Nitroaniline	9.77	138	206126	9.906	ng	93
54) 2,4-Dinitrophenol	9.88	184	28737	5.064	ng	# 1
55) Dibenzofuran	10.04	168	1066210	10.969	ng	96
56) 4-Nitrophenol	9.92	139	155272	14.963	ng	91
57) 2,4-Dinitrotoluene	10.01	165	187663	8.102	ng	96
58) Fluorene	10.38	166	759064	10.037	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	174344	9.821	ng	# 85
60) Diethylphthalate	10.26	149	845572	10.225	ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	361133	9.129	ng	100
62) 4-Nitroaniline	10.38	138	180600	9.322	ng	90
63) Azobenzene	10.53	77	911709	11.311	ng	91
65) 4,6-Dinitro-2-methylphenol	10.42	198	57137	6.464	ng	# 73
66) n-Nitrosodiphenylamine	10.49	169	730665	11.746	ng	97
67) 4-Bromophenyl-phenylether	10.87	248	210930	10.365	ng	96
68) Hexachlorobenzene	10.93	284	214775	9.908	ng	# 91
69) Atrazine	11.02	200	214410	13.394	ng	97
70) Pentachlorophenol	11.12	266	141673	16.428	ng	99
71) Phenanthrene	11.34	178	1091011	11.024	ng	100
72) Anthracene	11.39	178	1103348	10.947	ng	99
73) Carbazole	11.54	167	1155801	11.815	ng	100
74) Di-n-butylphthalate	11.89	149	1331533	11.641	ng	98
75) Fluoranthene	12.53	202	1075996	10.578	ng	98
77) Benzidine	12.64	184	639739	17.501	ng	96
78) Pyrene	12.75	202	1132982	10.854	ng	98
80) Butylbenzylphthalate	13.38	149	509843	10.819	ng	96
81) Benzo(a)anthracene	13.94	228	900881	10.677	ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	344287	11.900	ng	# 97
83) Chrysene	13.97	228	882426	10.624	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	652957	10.398	ng	95
85) Di-n-octyl phthalate	14.56	149	1061299	10.707	ng	# 91
86) Indeno(1,2,3-cd)pyrene	17.20	276	467421	7.840	ng	# 91
88) Benzo(b)fluoranthene	14.97	252	750554	10.518	ng	98
89) Benzo(k)fluoranthene	14.99	252	723752	9.854	ng	# 96
90) Benzo(a)pyrene	15.32	252	661596	9.960	ng	# 96
91) Dibenzo(a,h)anthracene	16.79	278	488742	8.918	ng	# 92
92) Benzo(g,h,i)perylene	17.20	276	467421	8.845	ng	# 90

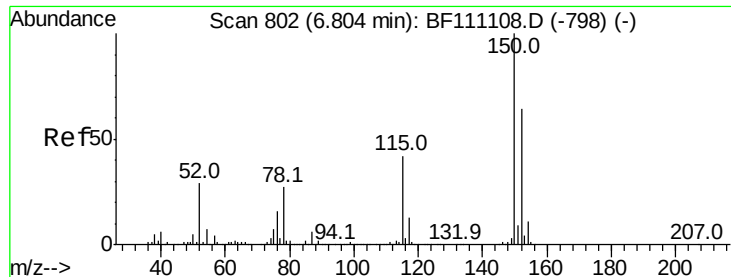
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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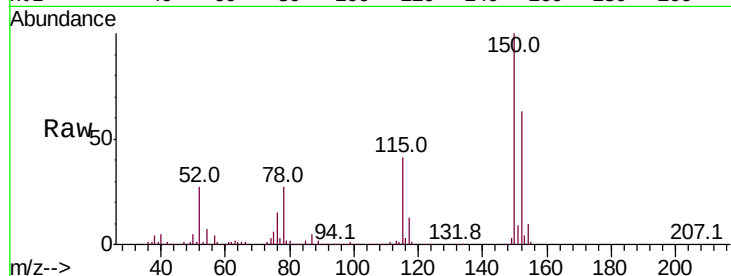


#1

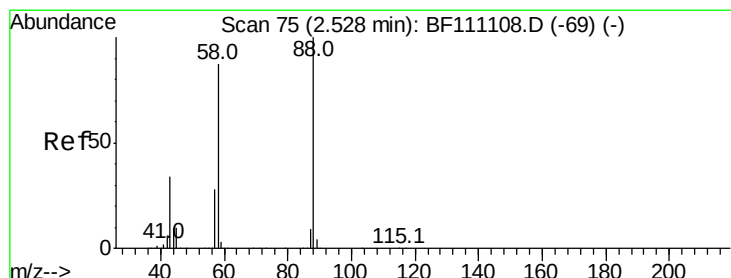
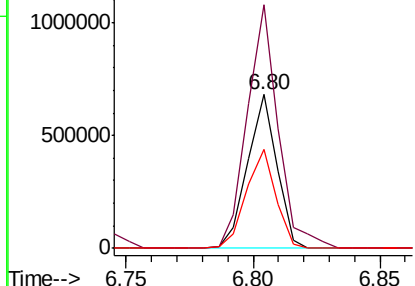
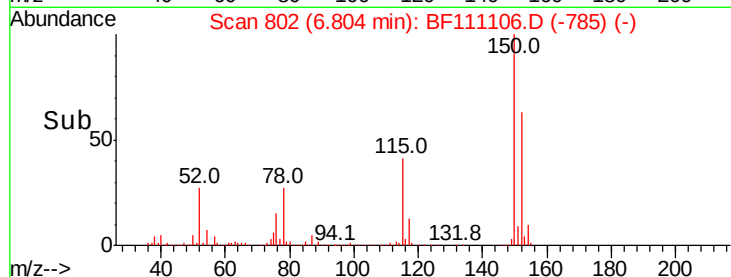
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 550121
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 64.1 49.1 73.7



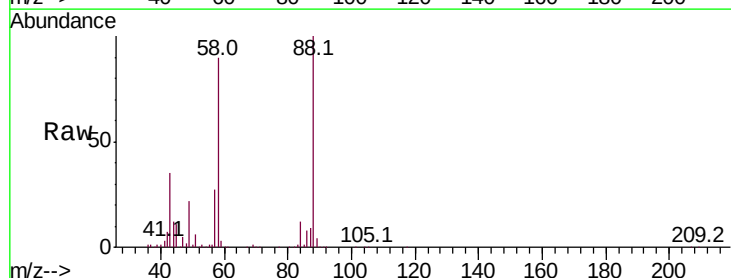
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



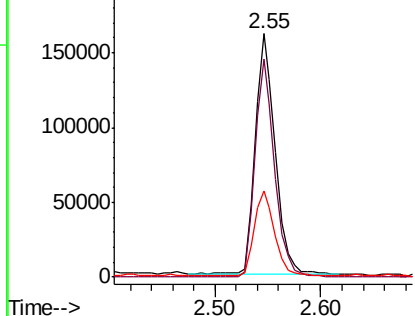
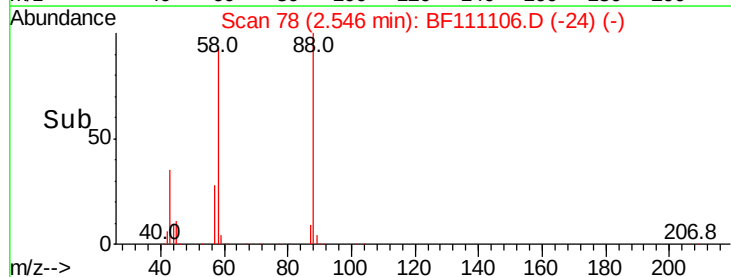
#2

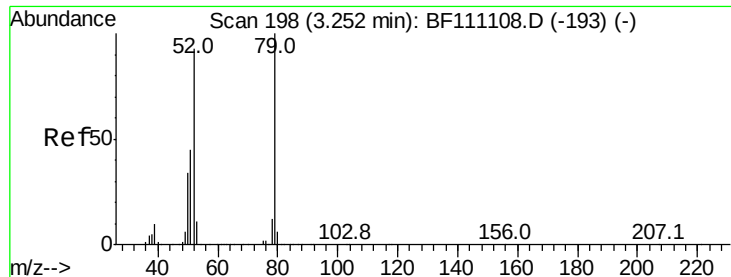
1,4-Dioxane
Concen: 13.446 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 88 Resp: 213706
Ion Ratio Lower Upper
88 100
58 88.9 57.1 85.7#
43 35.9 24.1 36.1



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





#3

Pvridine

Concen: 13.361 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

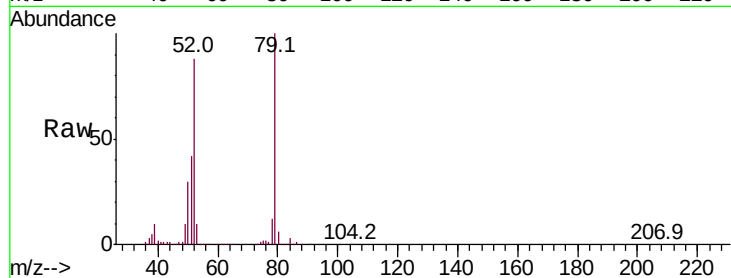
Tot Ion: 79 Resp: 464985

Ion Ratio Lower Upper

79 100

52 88.3 53.1 79.7#

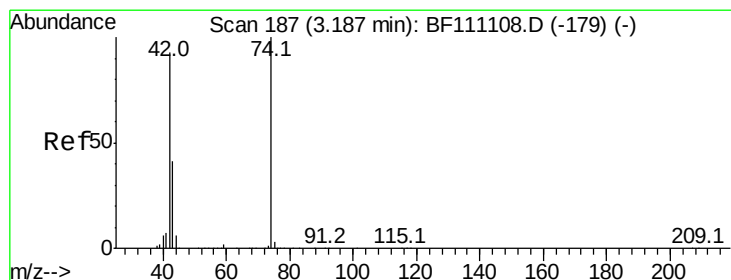
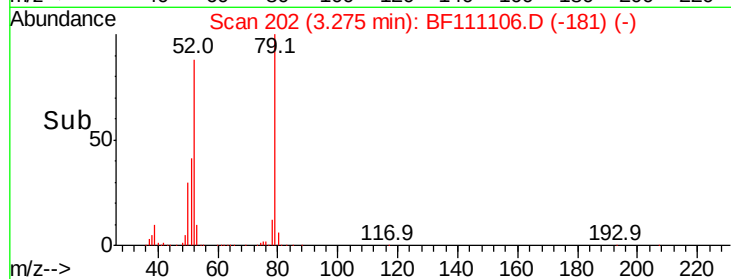
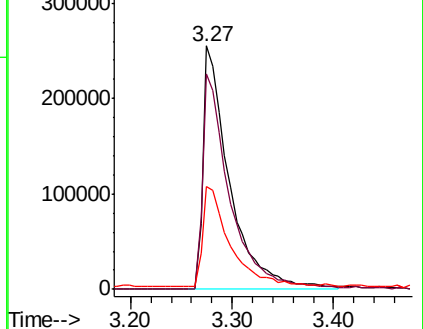
51 42.2 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 14.138 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

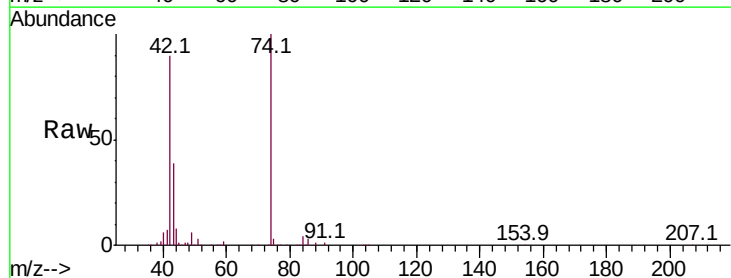
Tgt Ion: 42 Resp: 225147

Ion Ratio Lower Upper

42 100

74 110.8 105.5 158.3

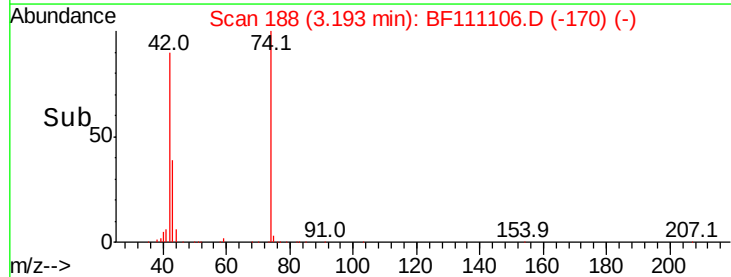
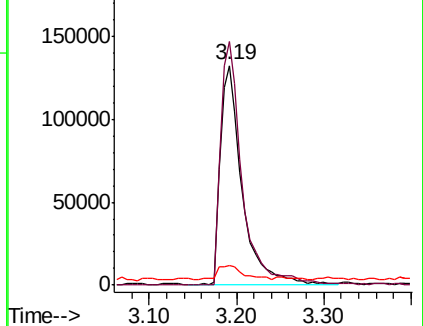
44 9.0 4.9 7.3#

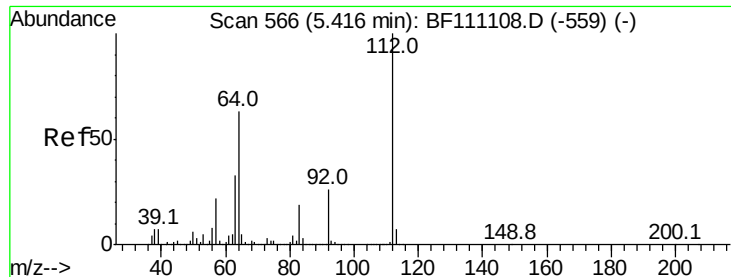


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 23.626 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

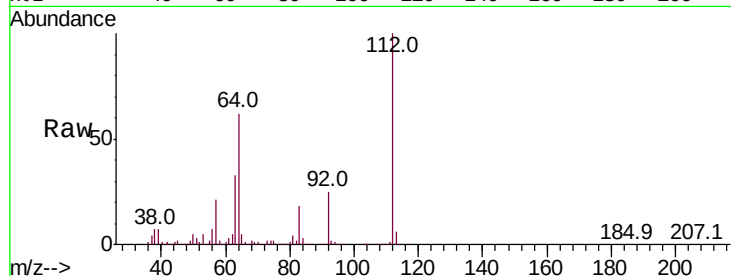
Tot Ion:112 Resp: 783768

Ion Ratio Lower Upper

112 100

64 62.4 44.1 66.1

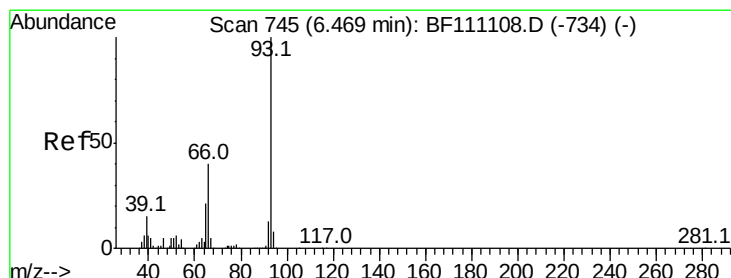
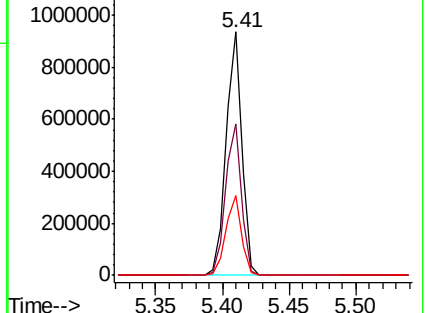
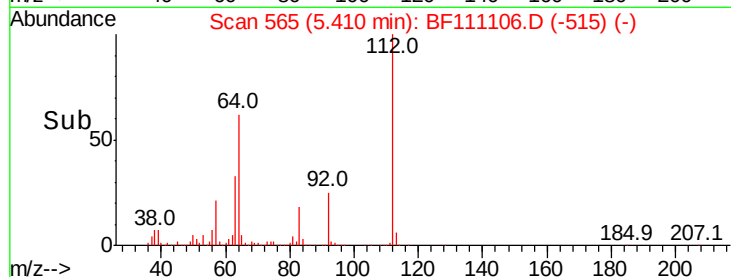
63 32.6 23.7 35.5



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: 12.103 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

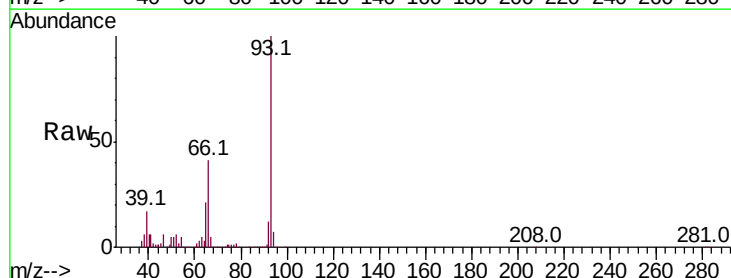
Tgt Ion: 93 Resp: 646832

Ion Ratio Lower Upper

93 100

66 41.0 67.4 101.0#

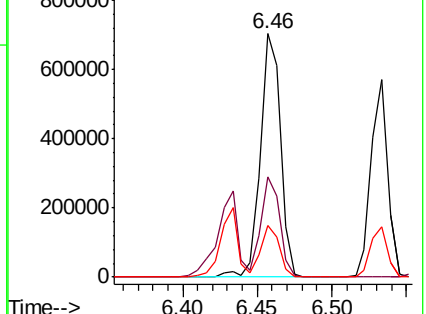
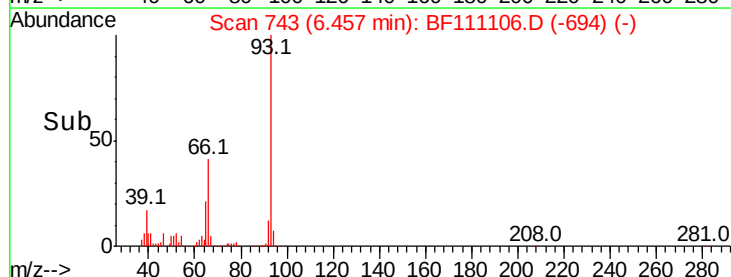
65 21.0 41.0 61.4#

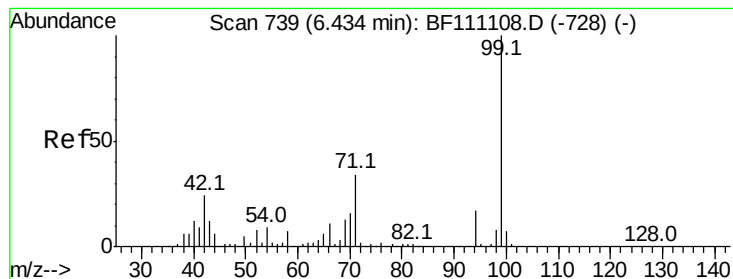


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 23.460 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111106.D

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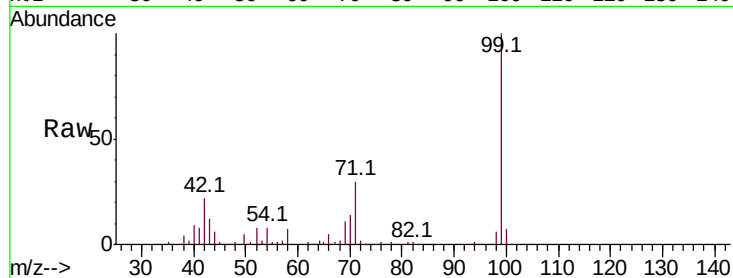
Tot Ion: 99 Resp: 1014176

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.8	23.6
71	30.3	28.0	42.0

99 100

42 22.2 15.8 23.6

71 30.3 28.0 42.0

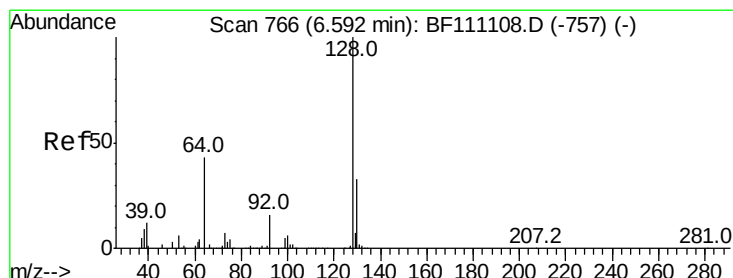
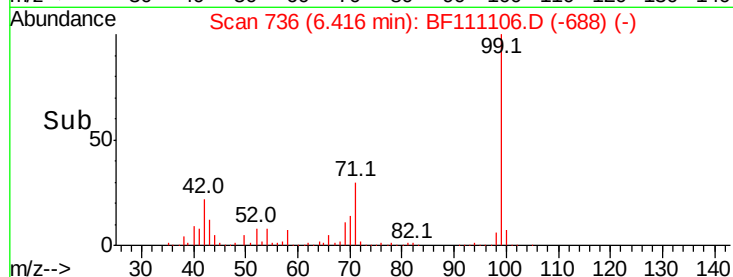
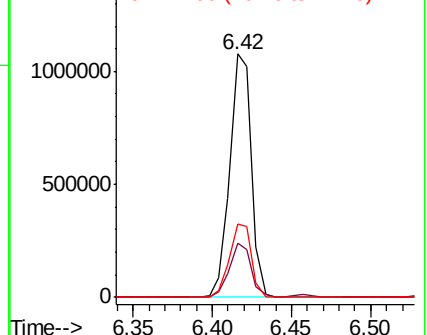


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 11.317 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

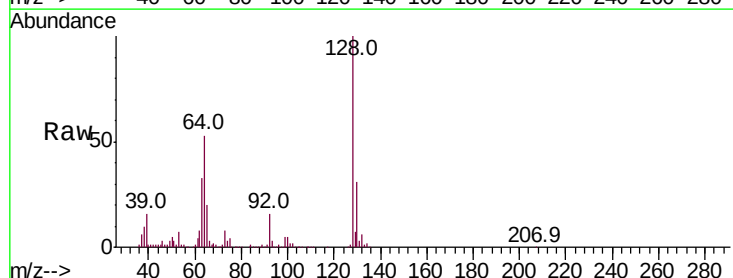
Tgt Ion: 128 Resp: 444909

Ion	Ratio	Lower	Upper
128	100		
130	30.9	13.1	53.1
64	53.1	26.0	66.0

128 100

130 30.9 13.1 53.1

64 53.1 26.0 66.0

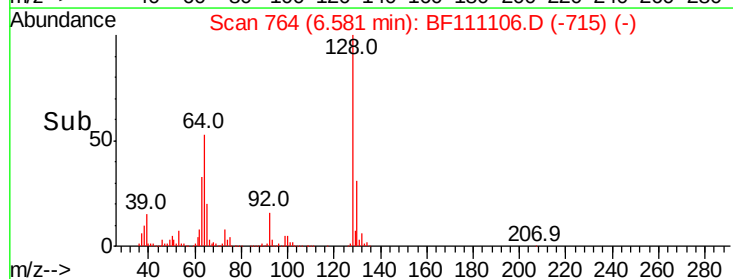
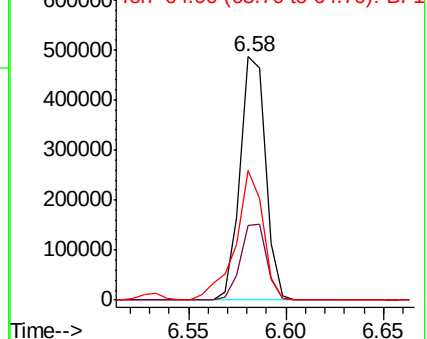


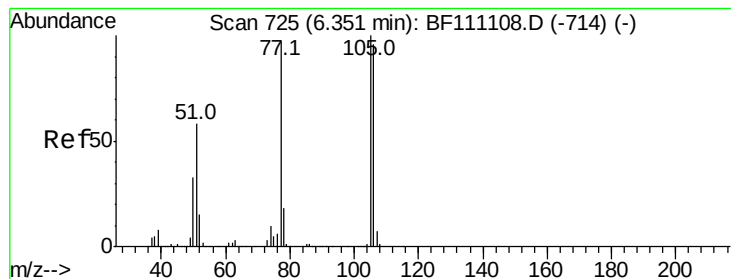
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.647 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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ClientSampleId :

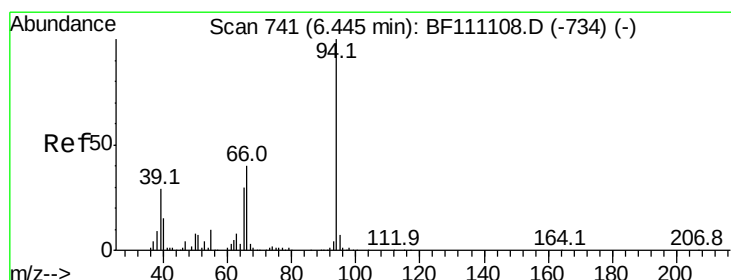
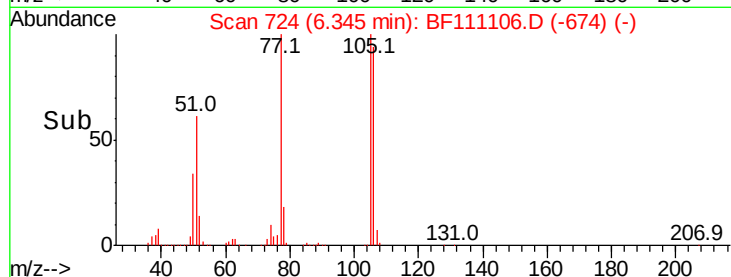
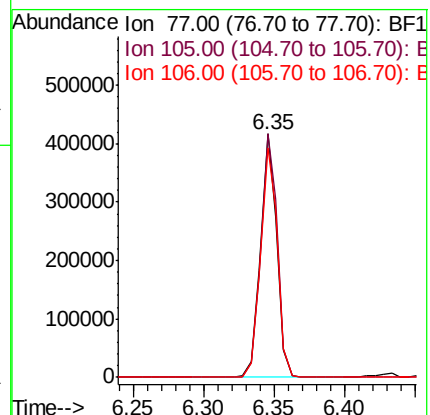
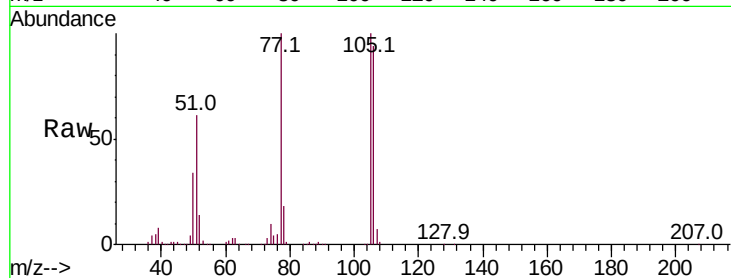
Tot Ion: 77 Resp: 337984

Ion Ratio Lower Upper

77 100

105 99.9 78.6 118.6

106 94.1 74.8 114.8



#10

Phenol

Concen: 11.243 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

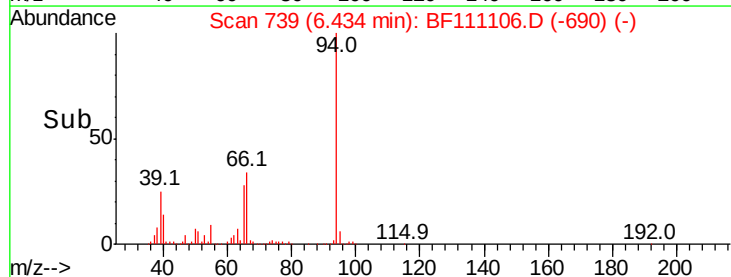
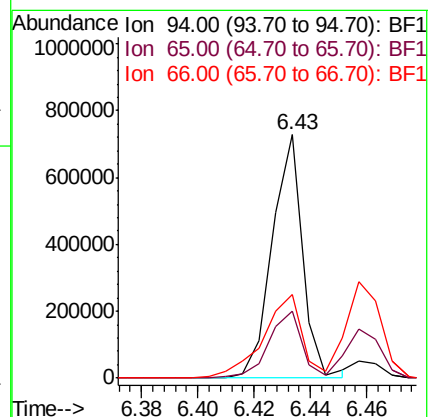
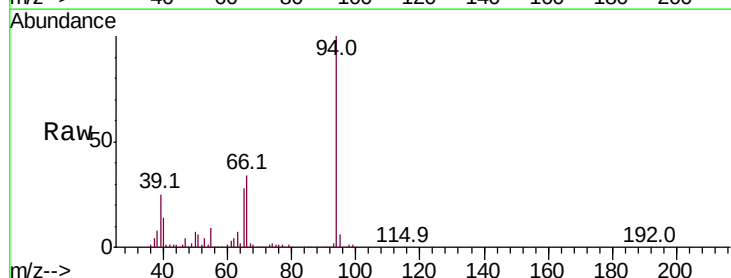
Tgt Ion: 94 Resp: 547387

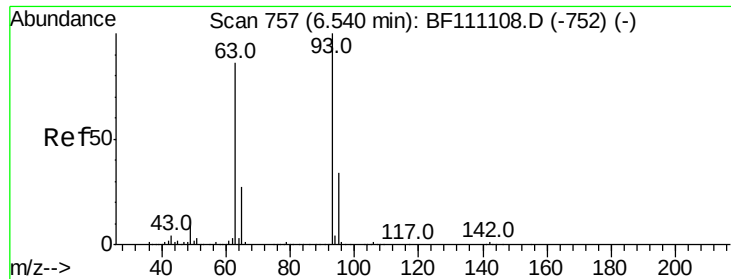
Ion Ratio Lower Upper

94 100

65 27.6 25.3 65.3

66 34.1 54.5 94.5#

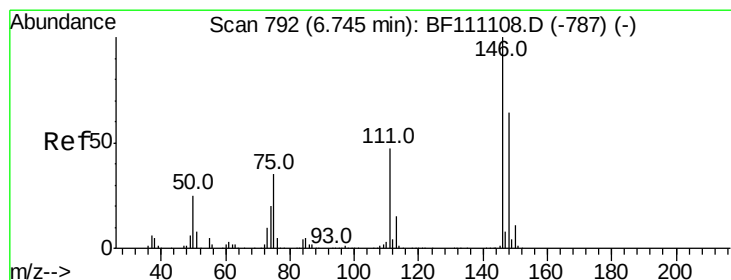
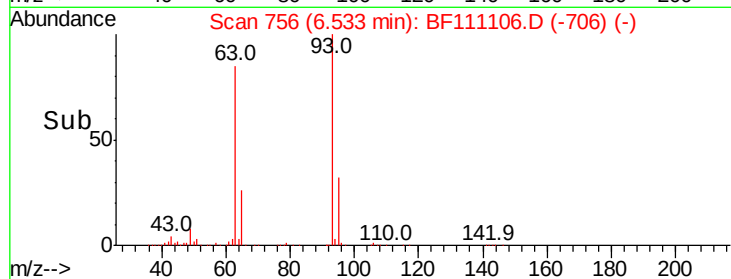
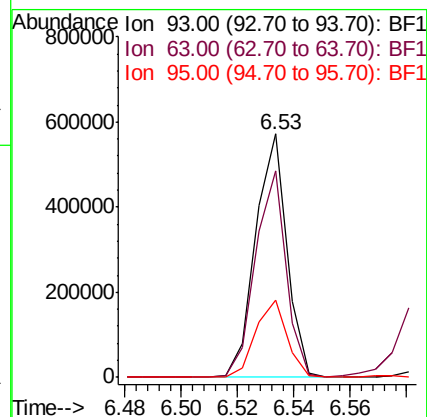
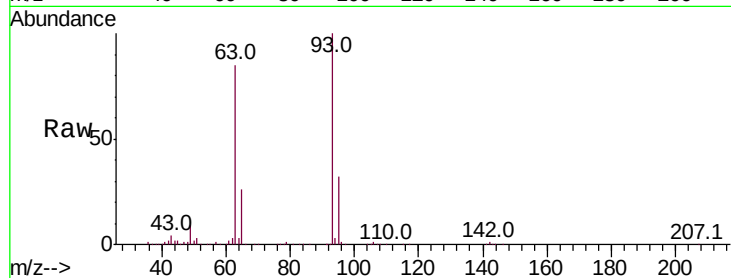




#11
bis(2-Chloroethyl)ether
Concen: 11.962 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

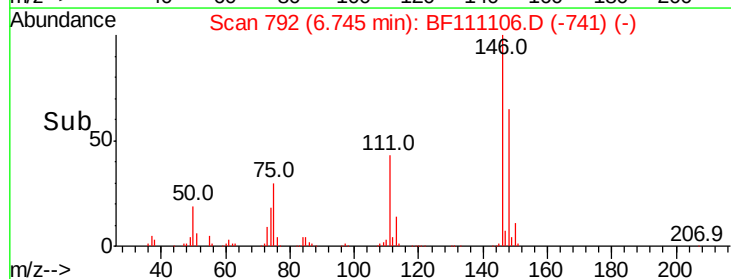
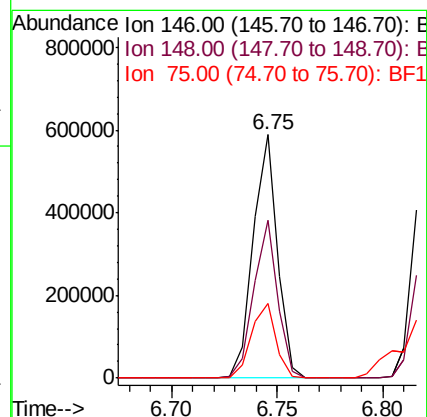
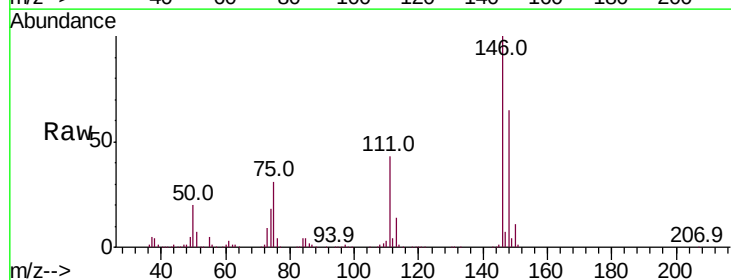
Instrument :
BNA_F
ClientSampleId :

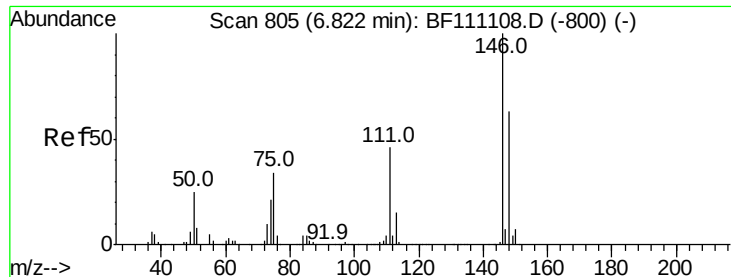
Tot Ion: 93 Resp: 438745
Ion Ratio Lower Upper
93 100
63 84.6 53.4 93.4
95 31.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 10.872 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 146 Resp: 469555
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 30.5 25.8 38.6

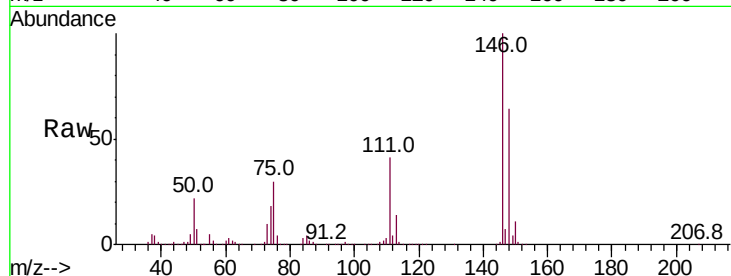




#13
 1,4-Dichlorobenzene
 Concen: 10.918 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	40.9	32.7	49.1

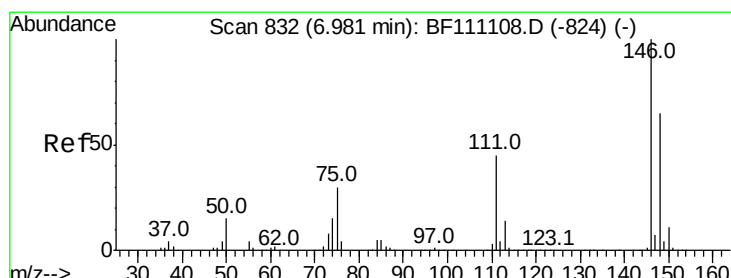
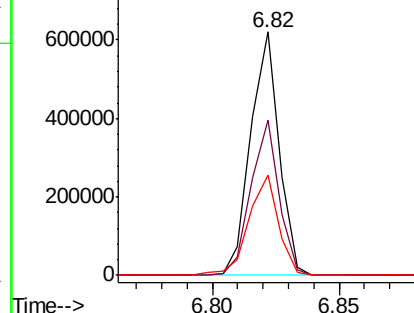
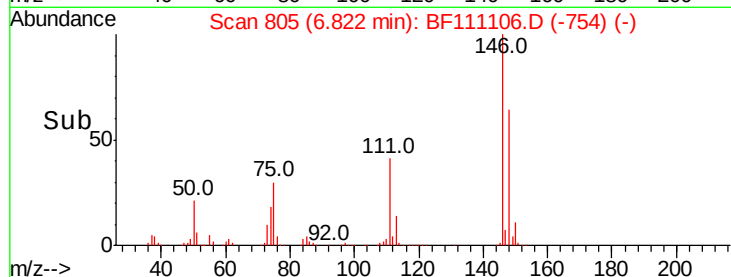


Abundance

Ion 146.00 (145.70 to 146.70): E

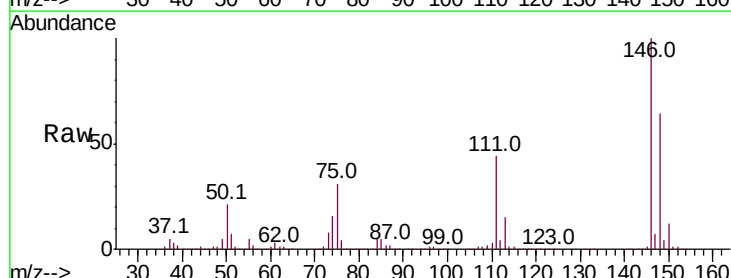
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 10.844 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	43.9	35.8	53.6

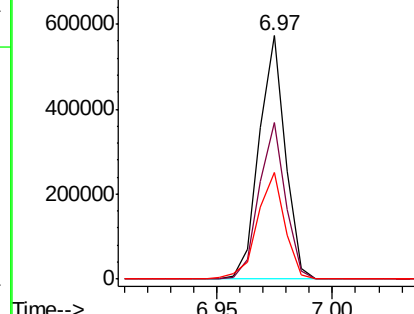
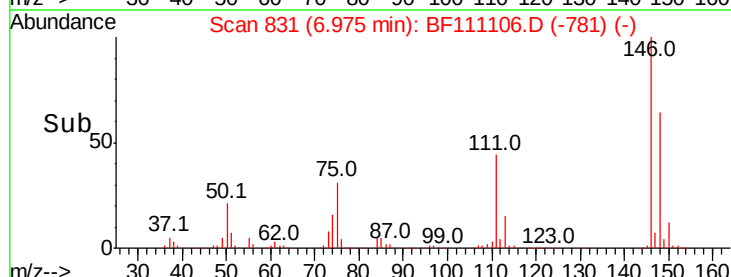


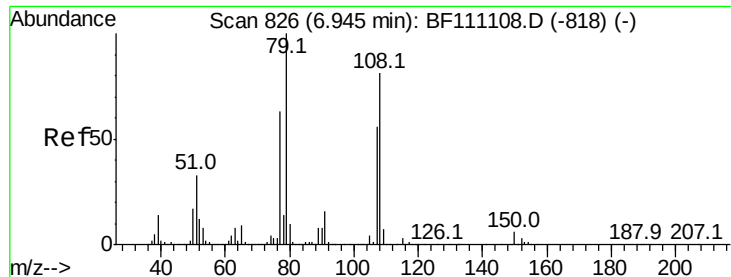
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.795 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampled :

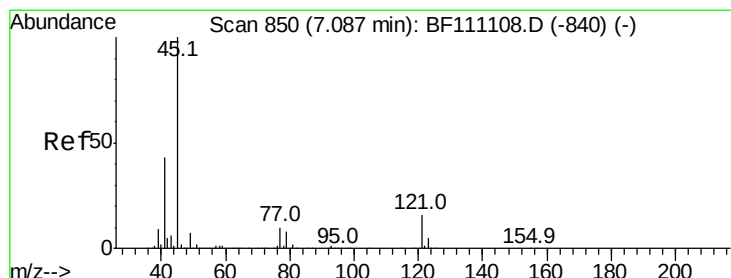
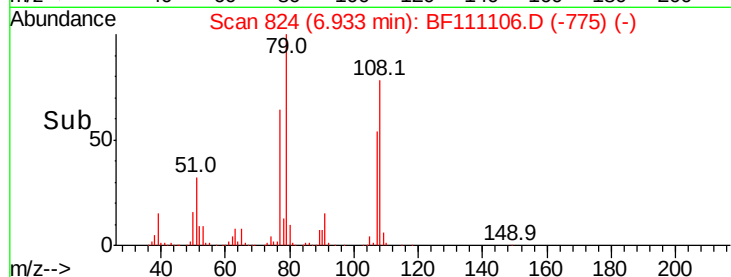
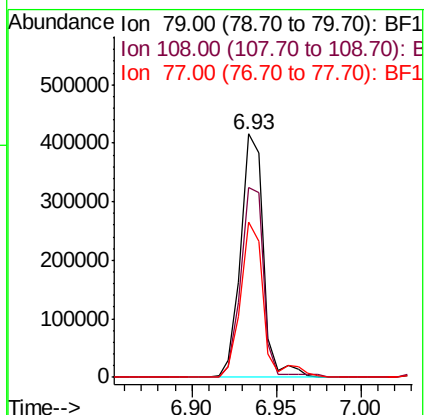
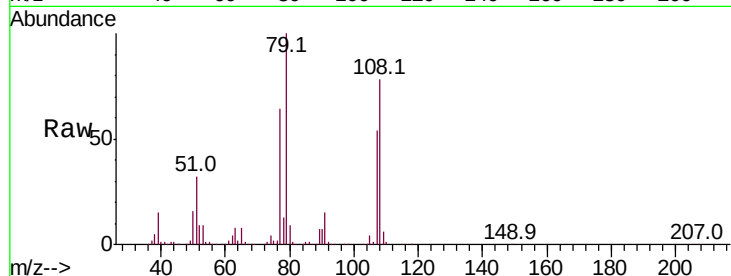
Tot Ion: 79 Resp: 391879

Ion Ratio Lower Upper

79 100

108 78.0 56.3 84.5

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.713 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

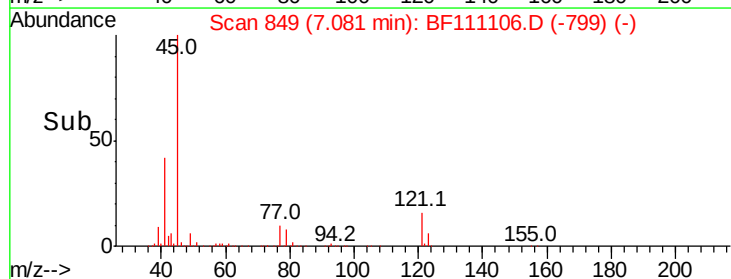
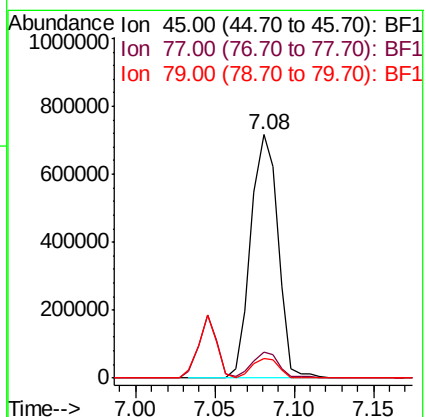
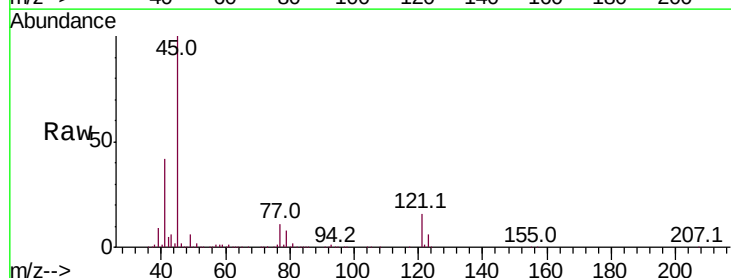
Tgt Ion: 45 Resp: 858835

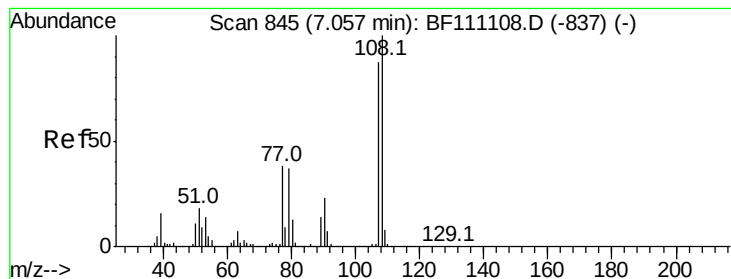
Ion Ratio Lower Upper

45 100

77 10.6 10.0 50.0

79 8.0 6.1 46.1

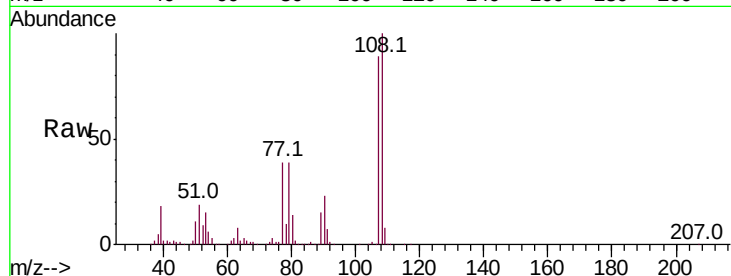




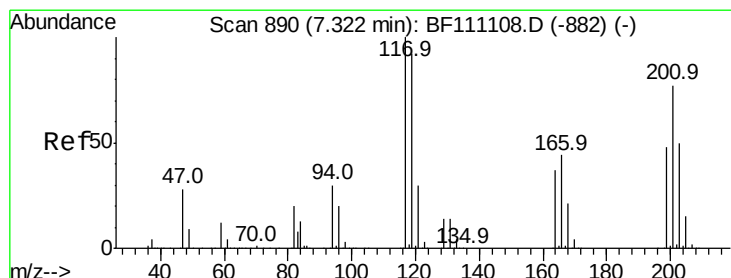
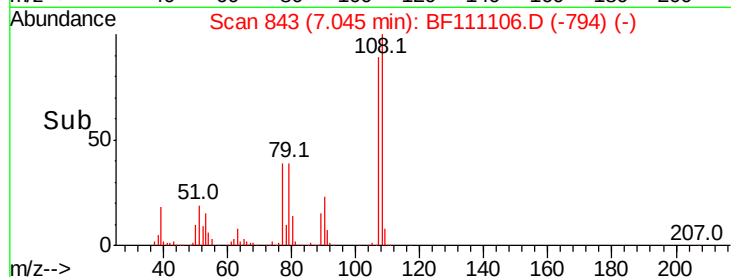
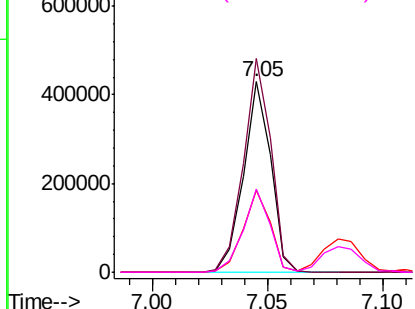
#17
2-Methylphenol
Concen: 11.368 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 355343
Ion Ratio Lower Upper
107 100
108 112.3 92.6 138.8
77 43.3 59.4 89.2#
79 43.5 54.0 81.0#

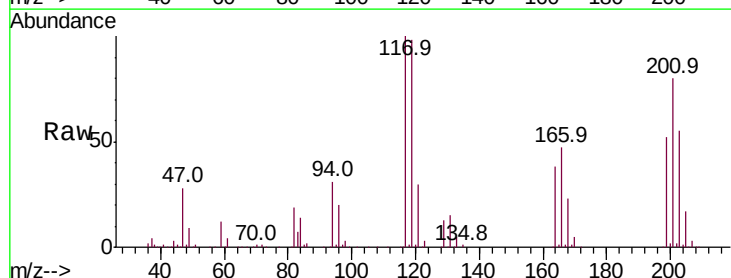


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

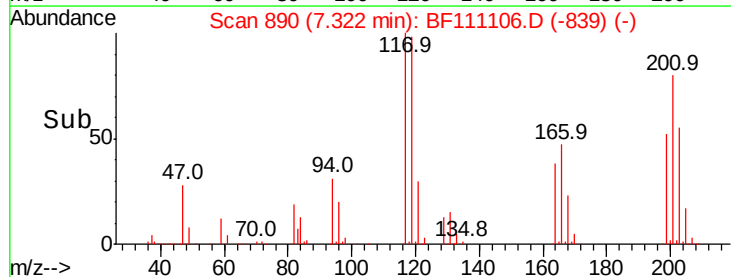
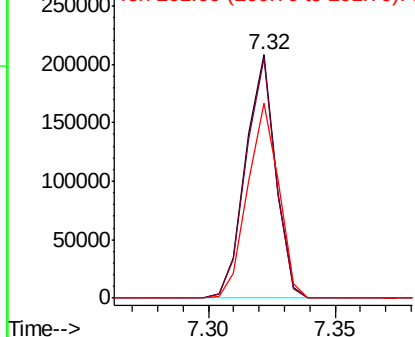


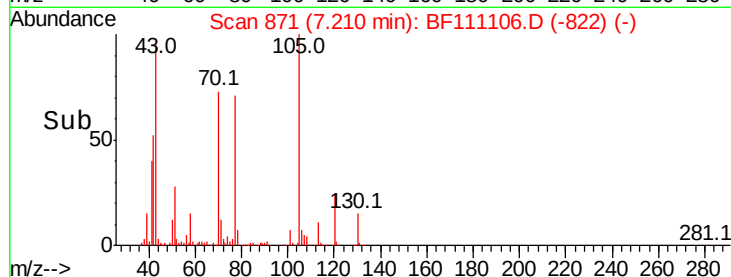
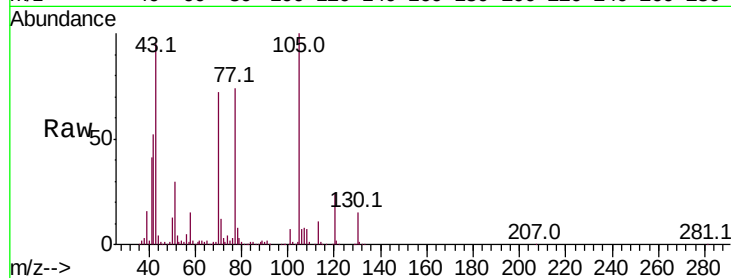
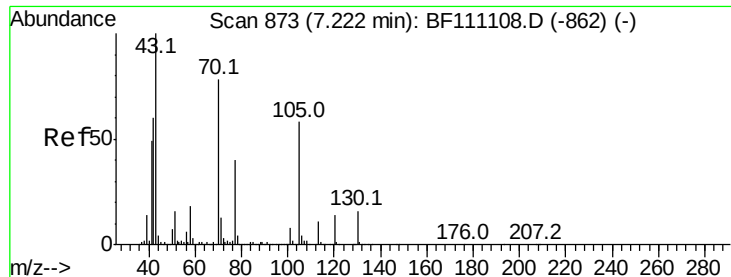
#18
Hexachloroethane
Concen: 10.503 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:117 Resp: 171598
Ion Ratio Lower Upper
117 100
119 98.2 75.0 112.6
201 80.0 79.2 118.8



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

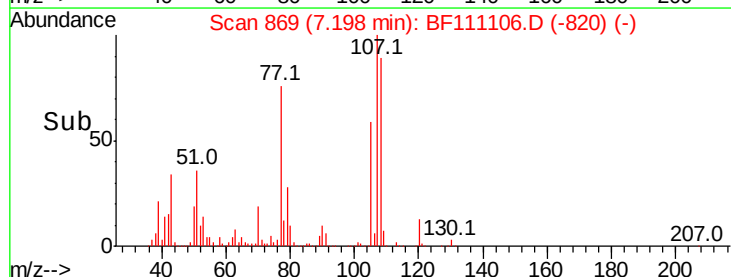
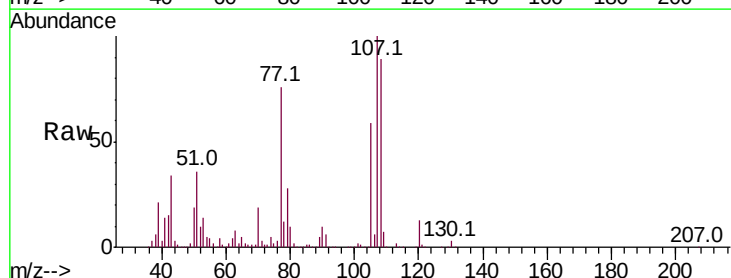
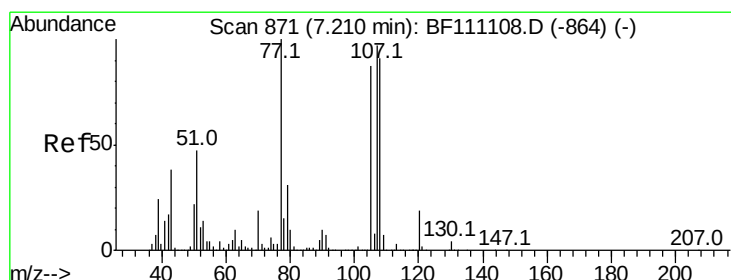
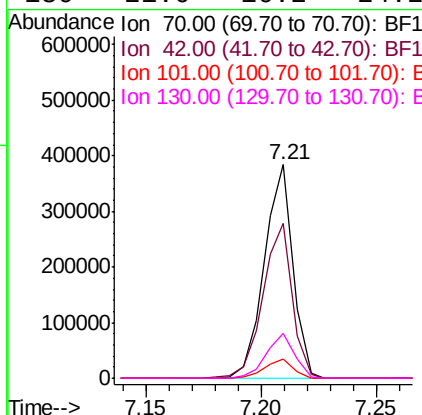




#19
n-Nitroso-di-n-propylamine
Concen: 11.727 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

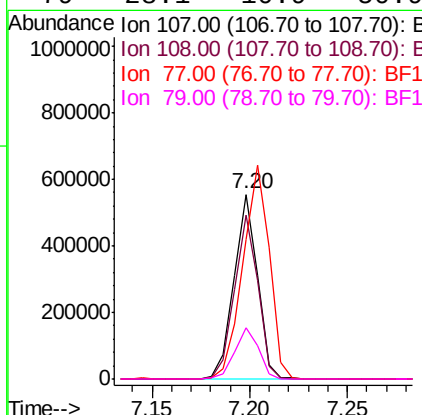
Instrument :
BNA_F
ClientSampled :

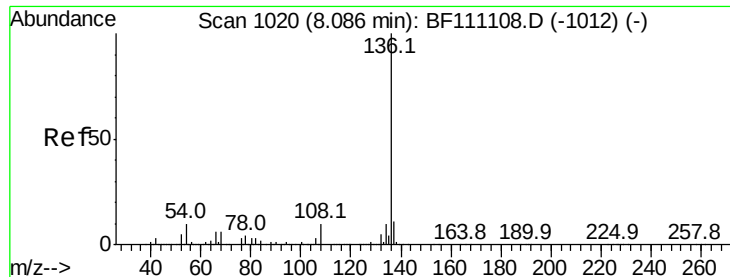
Tot Ion: 70 Resp: 330222
Ion Ratio Lower Upper
70 100
42 72.5 47.4 71.2#
101 9.1 7.3 10.9
130 21.0 16.2 24.2



#20
3+4-Methylphenols
Concen: 11.125 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:107 Resp: 462288
Ion Ratio Lower Upper
107 100
108 89.0 71.4 111.4
77 76.0 47.3 87.3
79 28.1 10.9 50.9

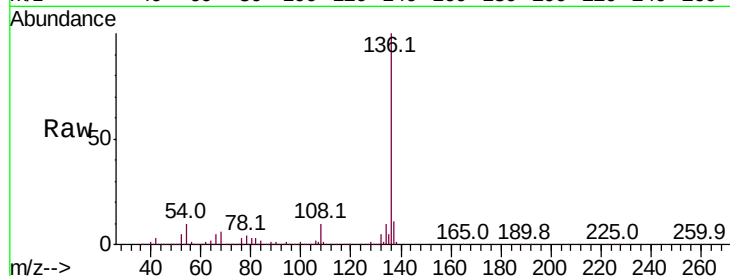




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	2287627
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.6	5.4	8.2#
68	5.9	4.2	6.2



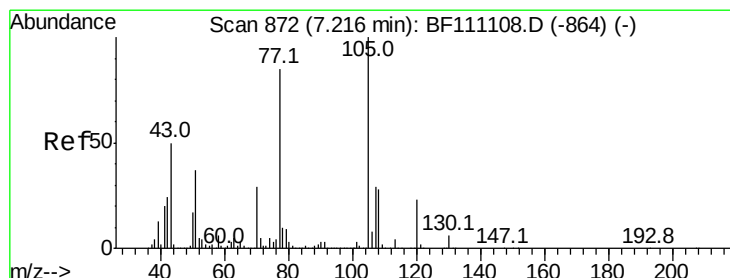
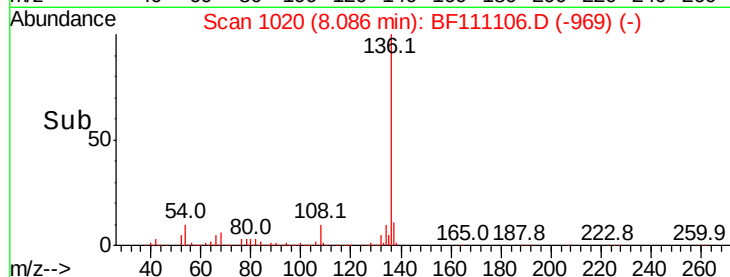
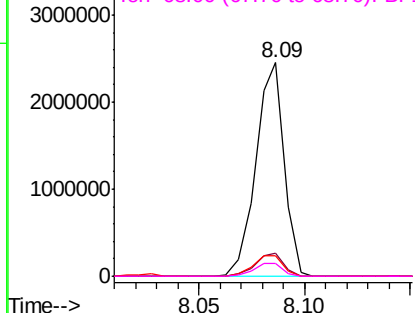
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

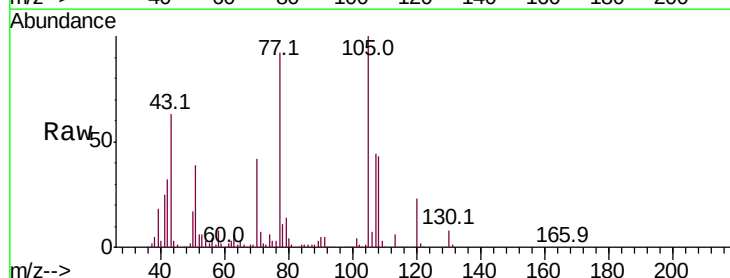
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 11.377 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:	105	Resp:	610046
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.2	7.8
51	38.6	21.8	32.8#
120	22.9	17.0	25.4



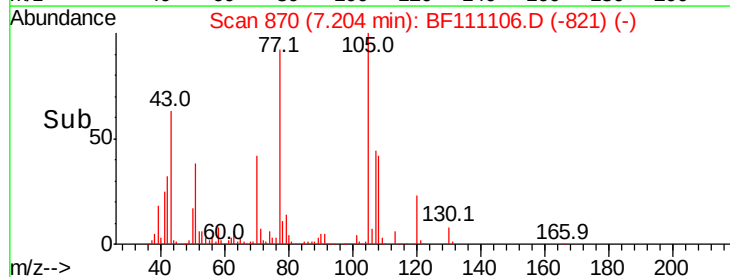
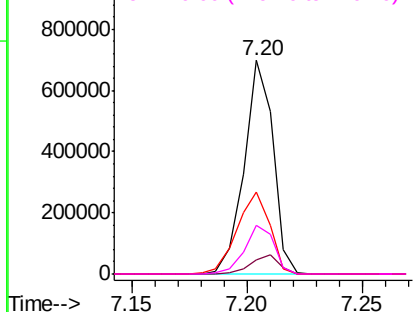
Abundance

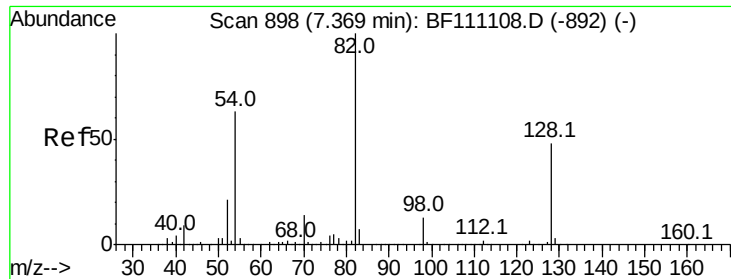
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

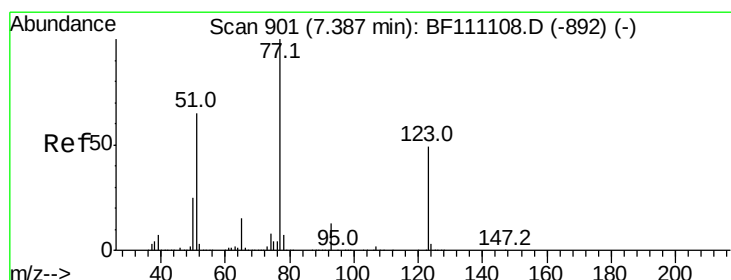
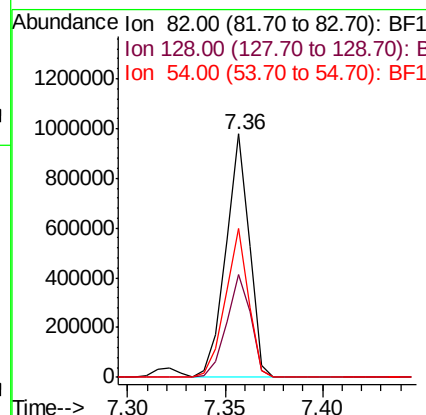
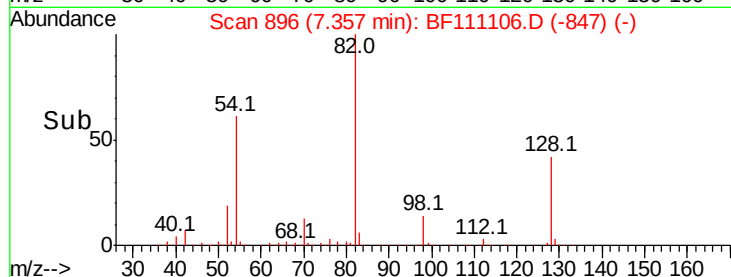
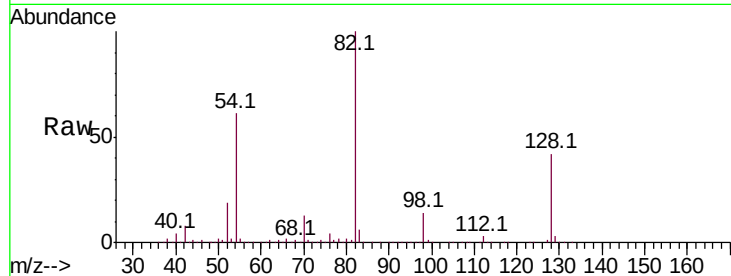




#23
Nitrobenzene-d5
Concen: 20.432 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

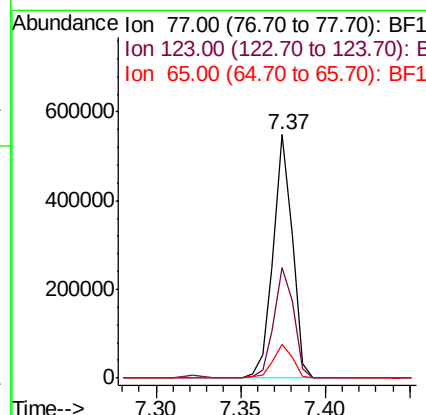
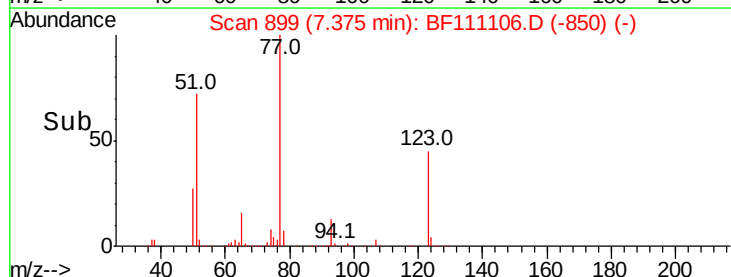
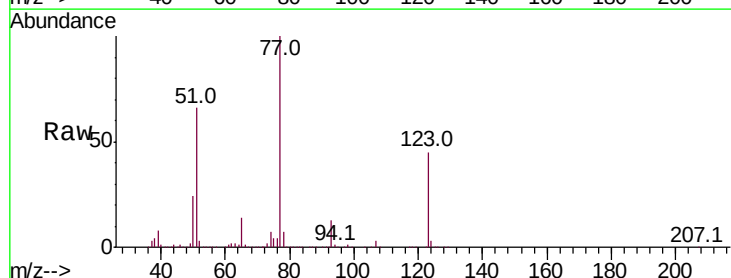
Instrument :
BNA_F
ClientSampleId :

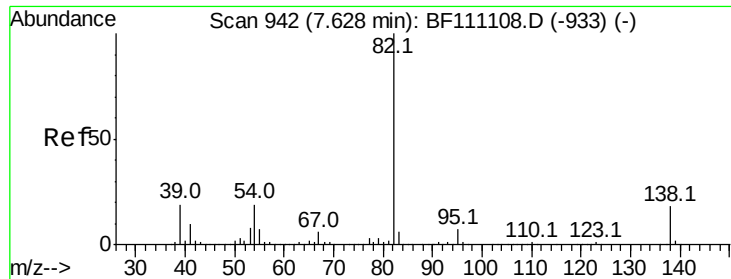
Tot Ion: 82 Resp: 816707
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 60.9 38.6 58.0#



#24
Nitrobenzene
Concen: 10.410 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 77 Resp: 432723
Ion Ratio Lower Upper
77 100
123 45.3 35.7 53.5
65 14.0 10.7 16.1





#25

Isophorone

Concen: 11.598 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

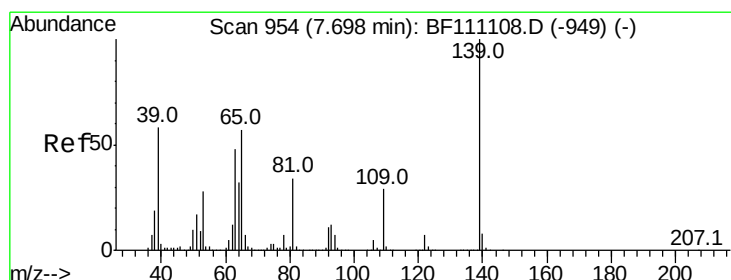
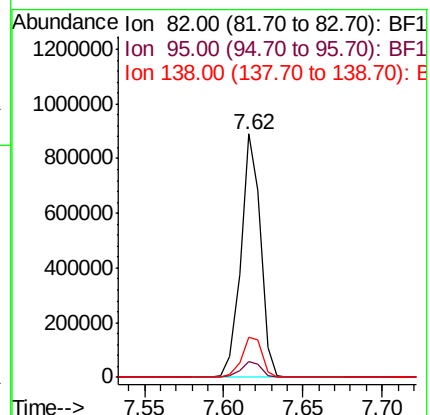
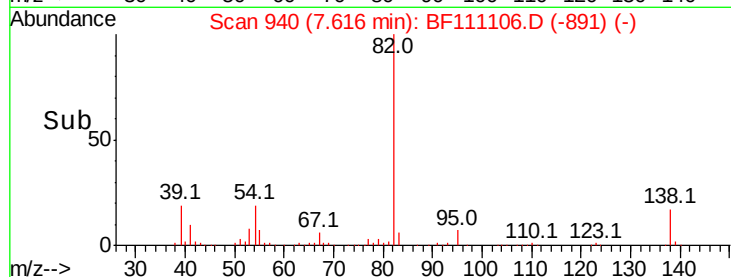
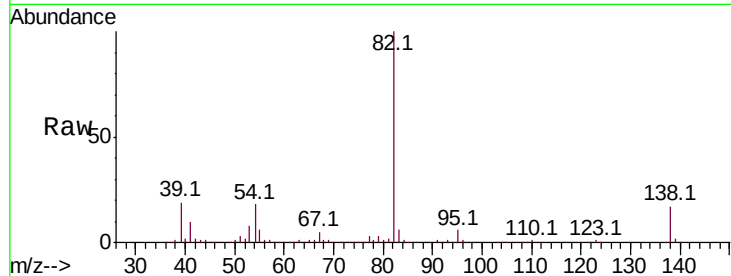
Tot Ion: 82 Resp: 760482

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

138 16.7 13.2 19.8



#26

2-Nitrophenol

Concen: 8.018 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

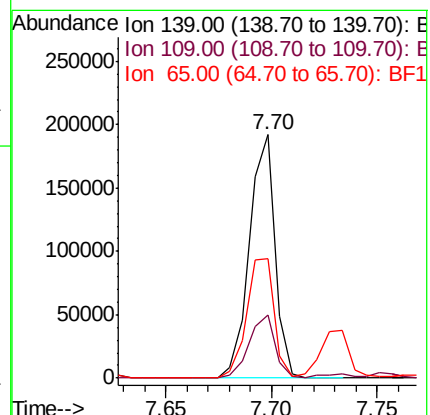
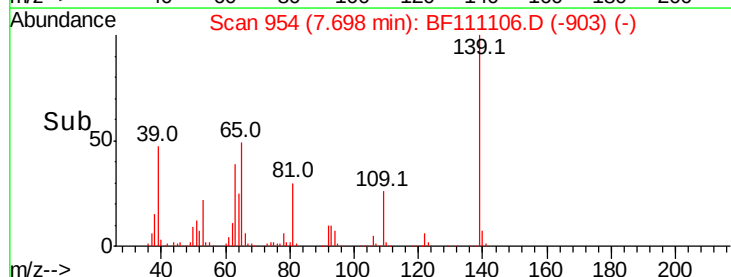
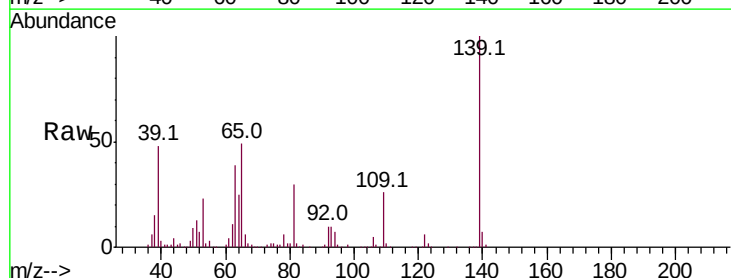
Tgt Ion: 139 Resp: 161933

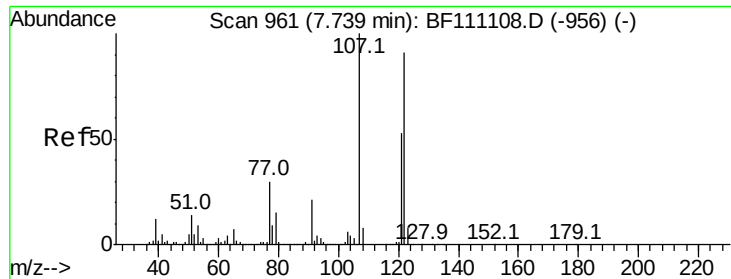
Ion Ratio Lower Upper

139 100

109 25.9 25.0 37.6

65 49.0 44.0 66.0

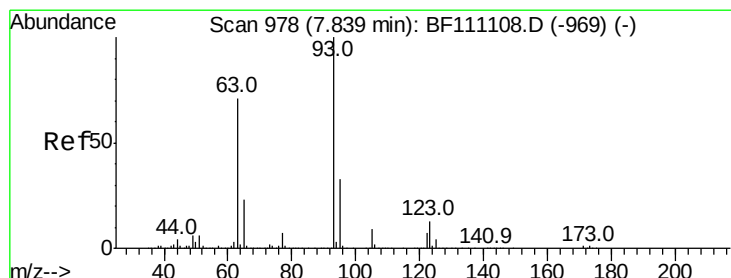
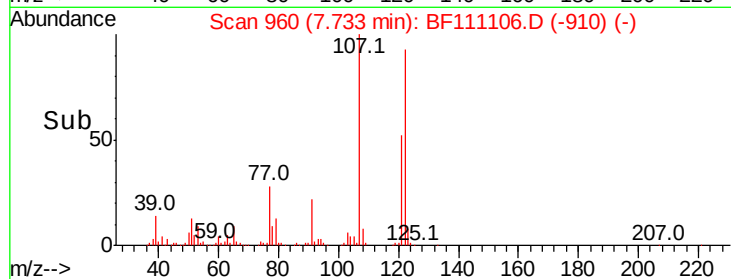
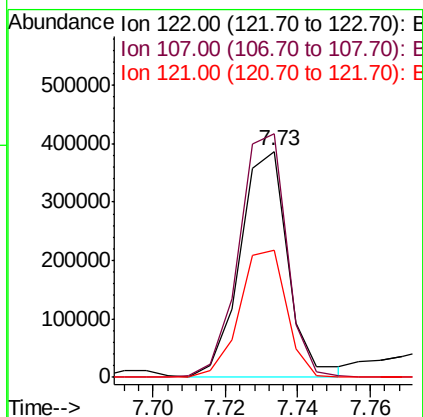
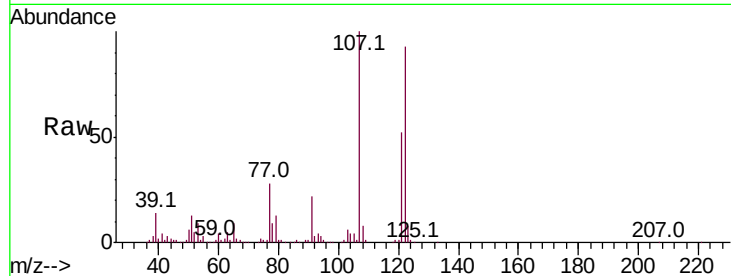




#27
2,4-Dimethylphenol
Concen: 11.670 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

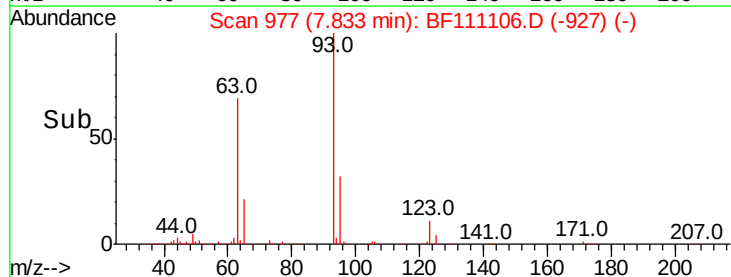
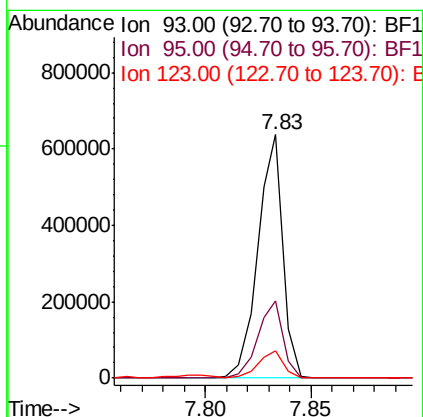
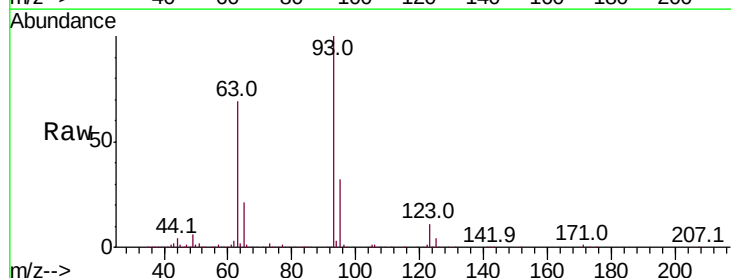
Instrument :
BNA_F
ClientSampleId :

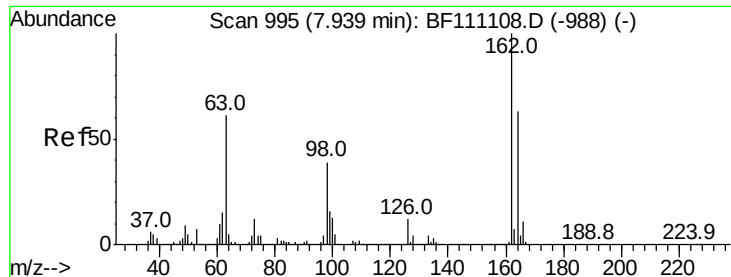
Tot Ion:122 Resp: 355918
Ion Ratio Lower Upper
122 100
107 107.6 92.5 138.7
121 56.3 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 11.894 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 93 Resp: 522441
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 11.3 9.0 13.6

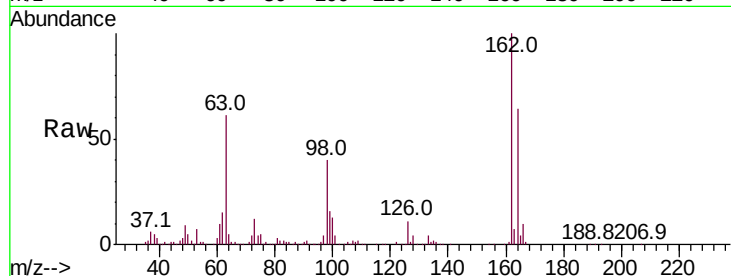




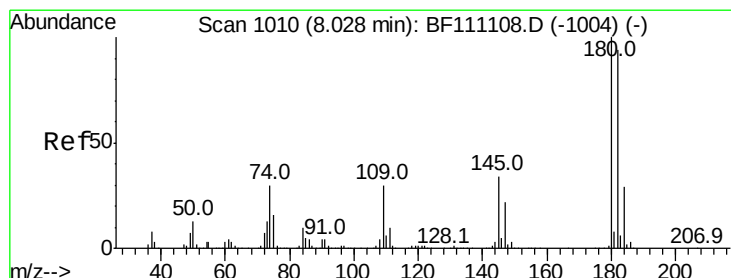
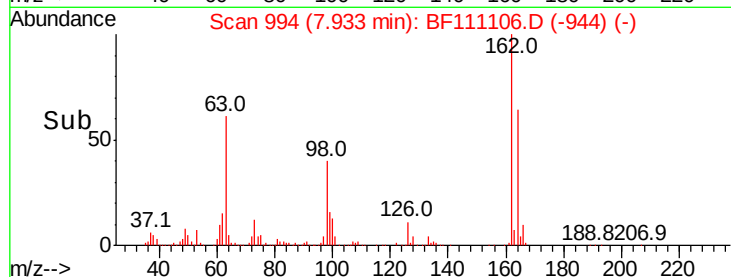
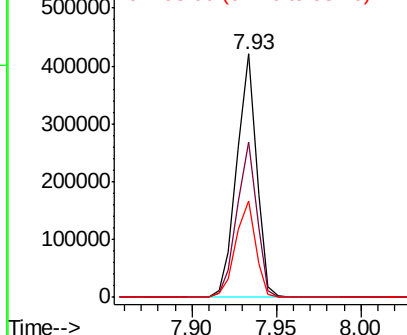
#29
2,4-Dichlorophenol
Concen: 10.811 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 345028
Ion Ratio Lower Upper
162 100
164 63.9 44.6 84.6
98 39.8 17.4 57.4

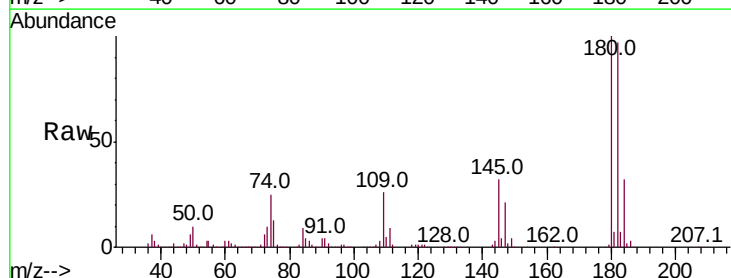


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

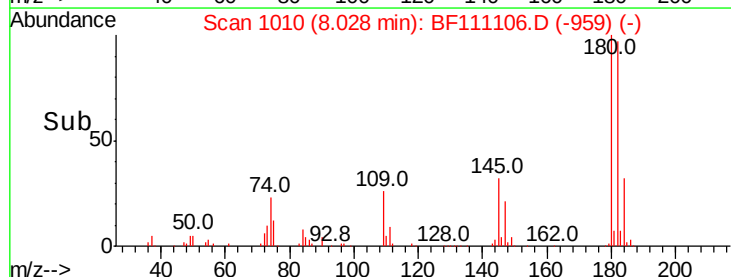
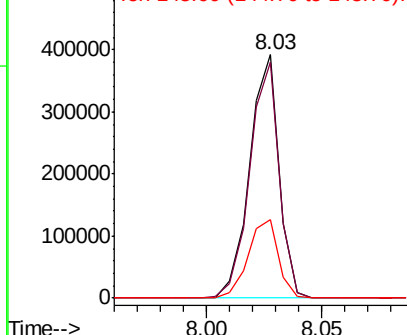


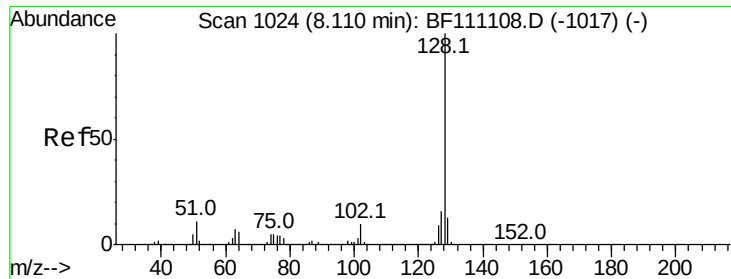
#30
1,2,4-Trichlorobenzene
Concen: 9.757 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:180 Resp: 348946
Ion Ratio Lower Upper
180 100
182 96.7 80.3 120.5
145 32.3 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

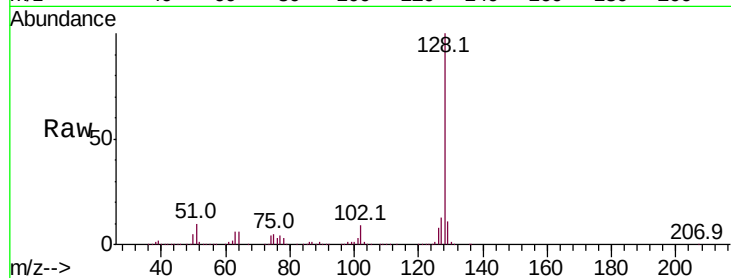




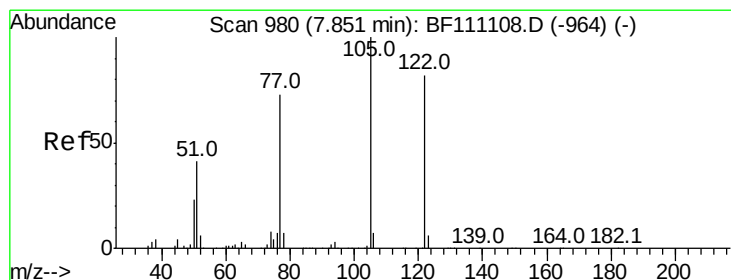
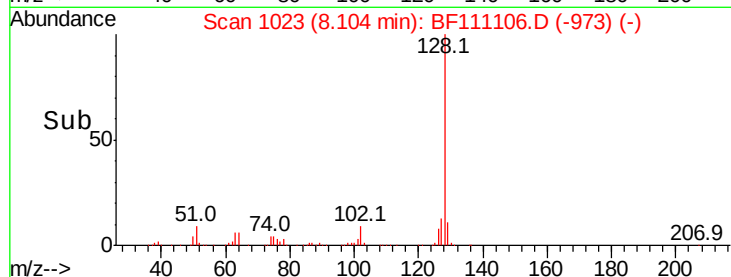
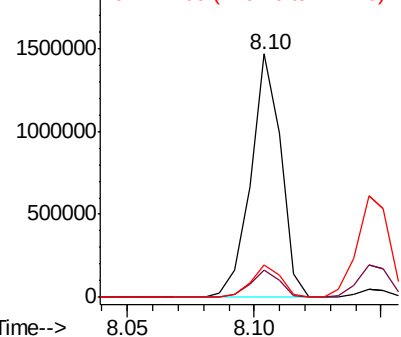
#31
Naphthalene
Concen: 11.385 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1220807
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.8 16.2

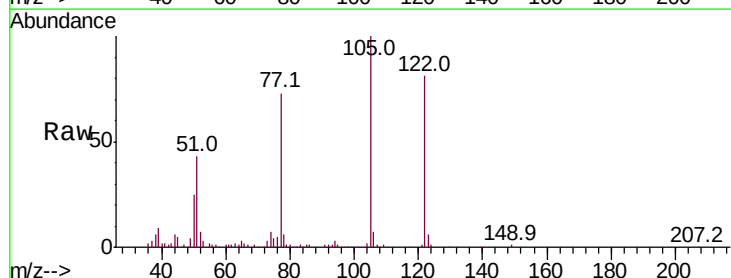


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

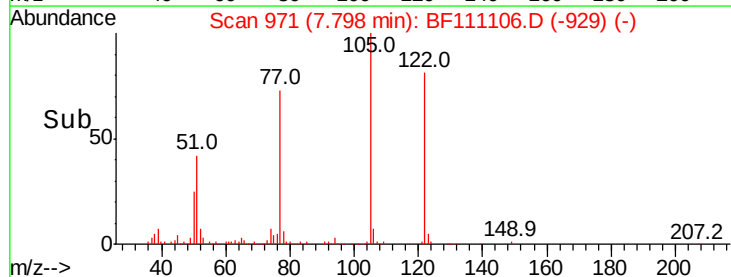
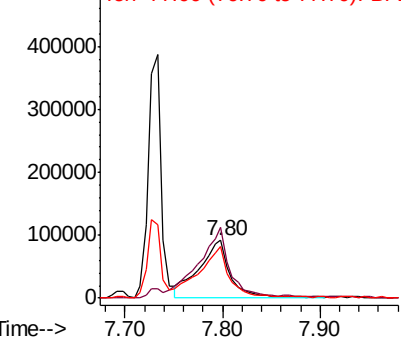


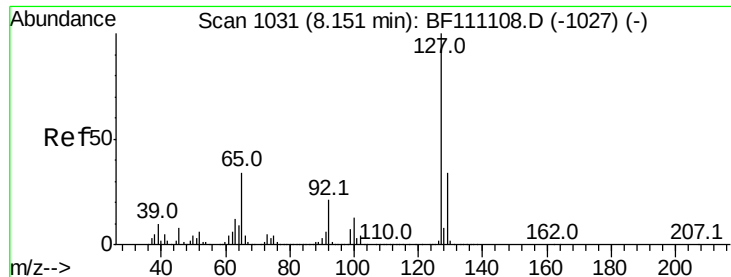
#32
Benzoic acid
Concen: 8.771 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.05 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:122 Resp: 198887
Ion Ratio Lower Upper
122 100
105 123.6 109.0 149.0
77 90.4 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

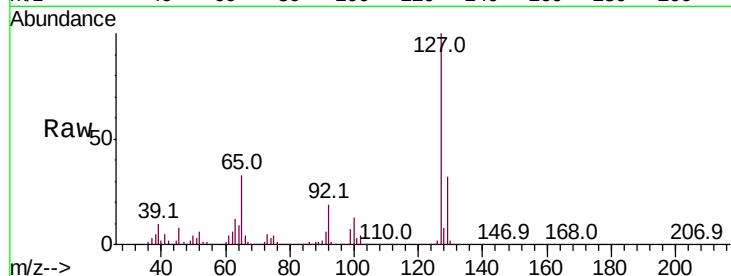




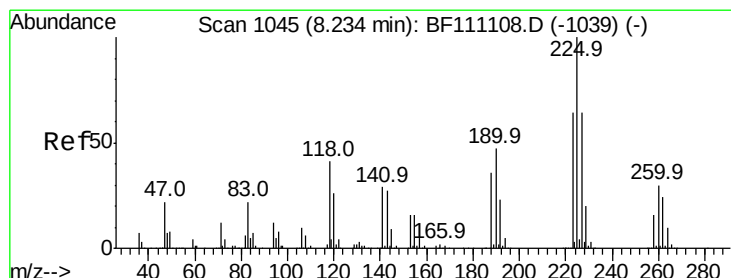
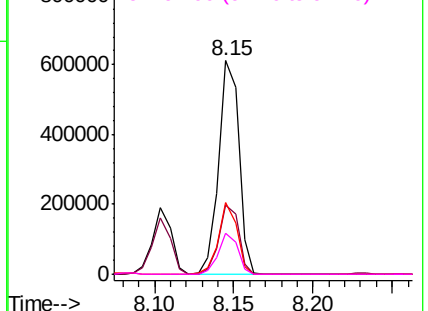
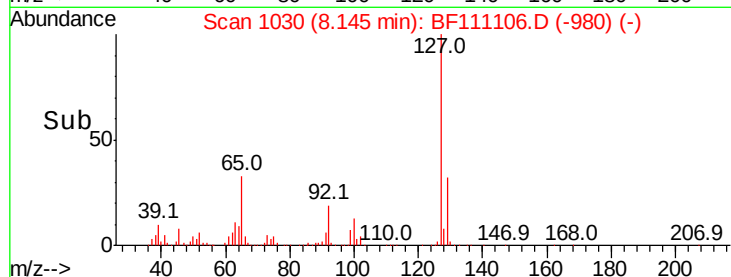
#33
4-Chloroaniline
Concen: 11.878 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	542149
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	33.3	25.1	37.7
92	19.1	15.0	22.6

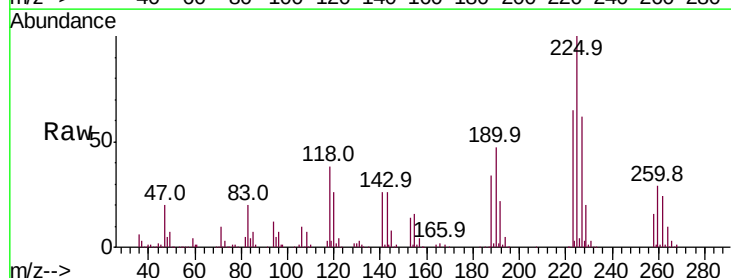


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

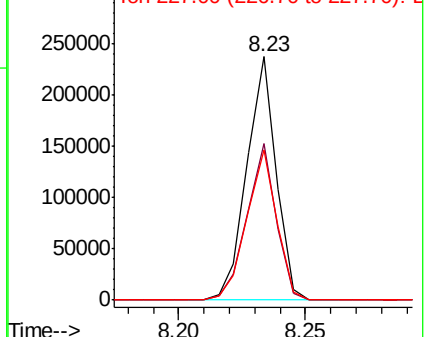
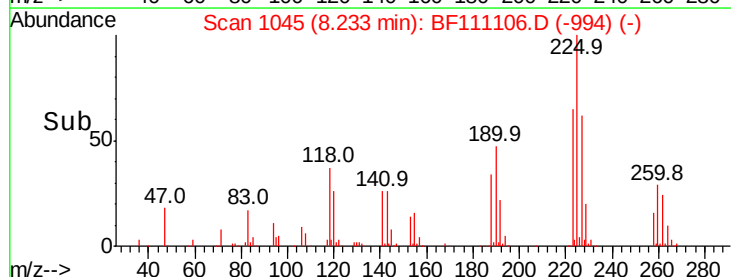


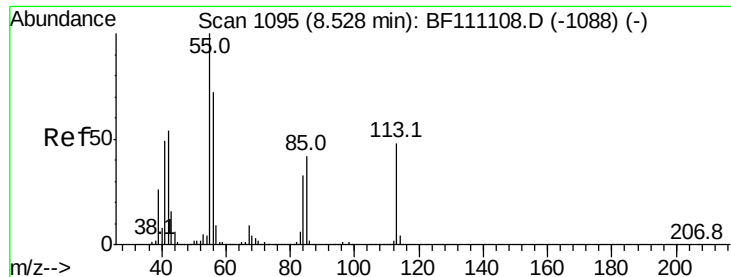
#34
Hexachlorobutadiene
Concen: 9.376 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:	225	Resp:	190994
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.4	77.2
227	61.6	51.0	76.6



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

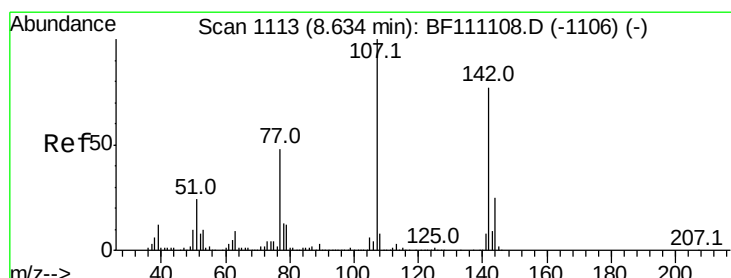
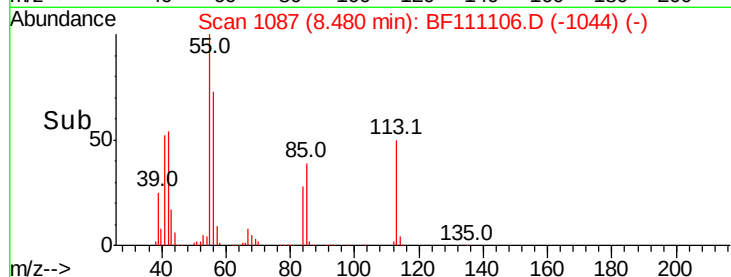
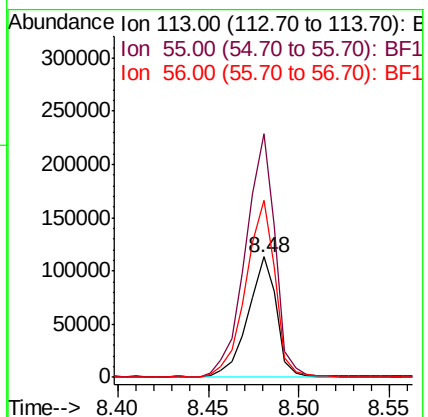
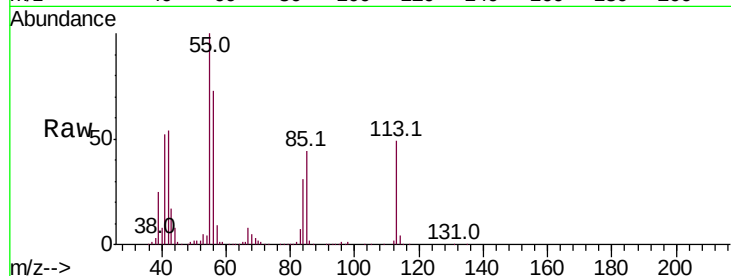




#35
Caprolactam
Concen: 11.388 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

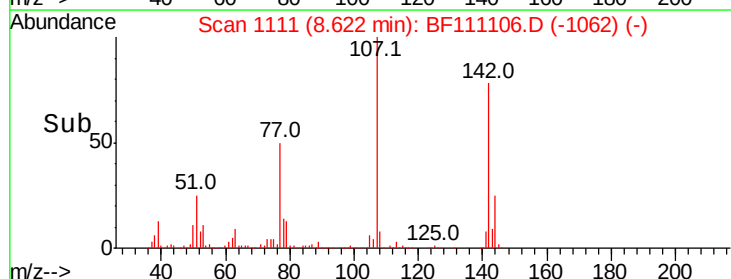
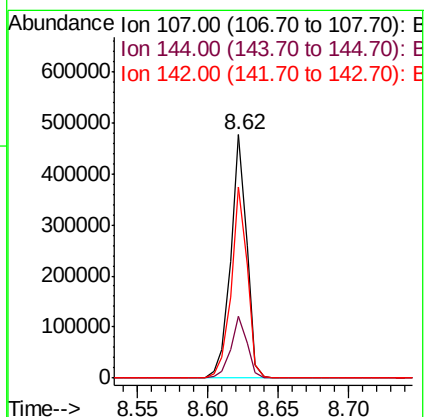
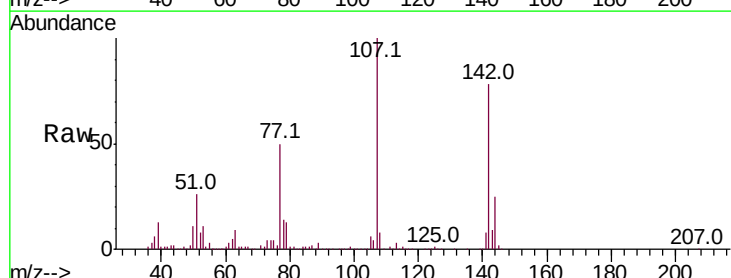
Instrument :
BNA_F
ClientSampled :

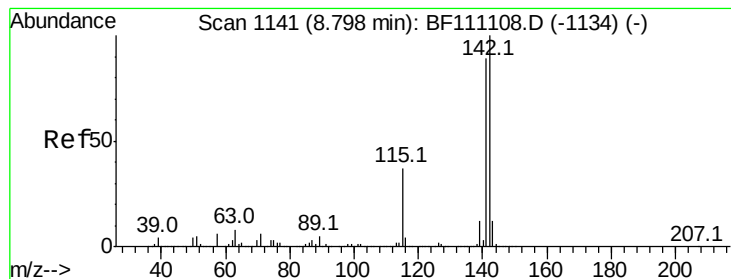
Tot Ion:113 Resp: 124078
Ion Ratio Lower Upper
113 100
55 202.6 142.8 182.8#
56 147.1 105.0 145.0#



#36
4-Chloro-3-methylphenol
Concen: 10.710 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:107 Resp: 379753
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 78.3 59.7 89.5

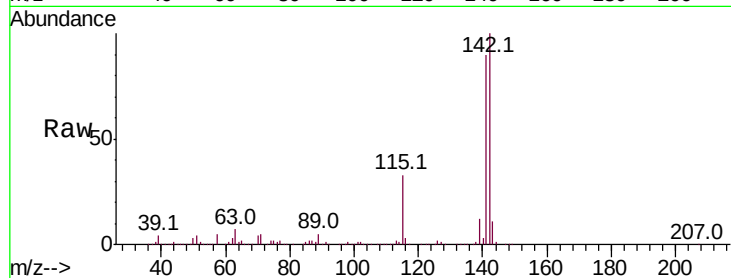




#37
2-Methylnaphthalene
Concen: 10.864 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	32.8	28.7	43.1

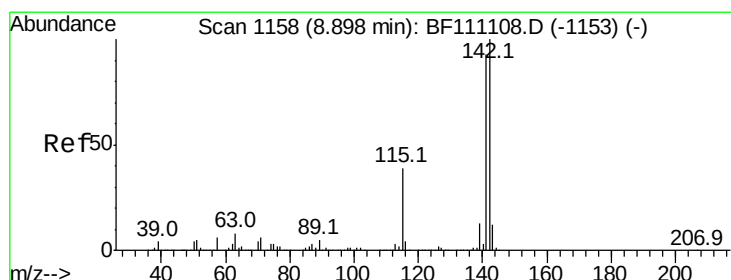
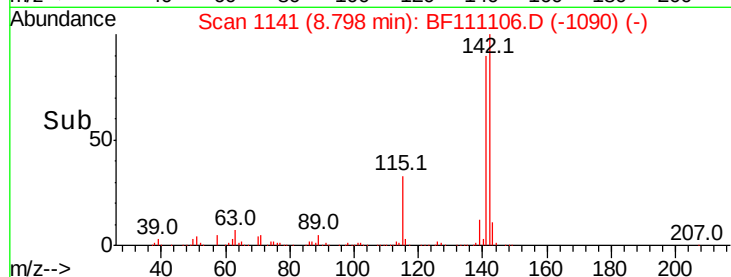
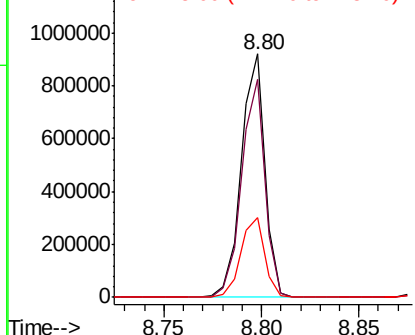


Abundance

Ion 142.00 (141.70 to 142.70): E

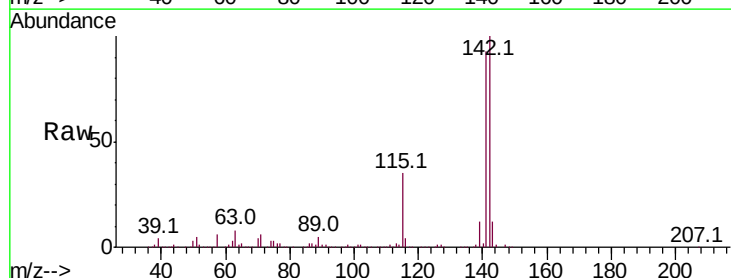
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 10.885 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	4.0	2.6	4.0

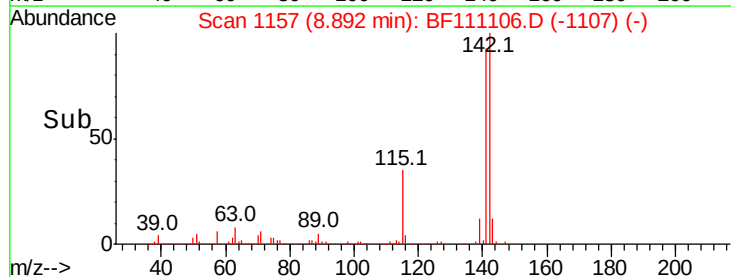
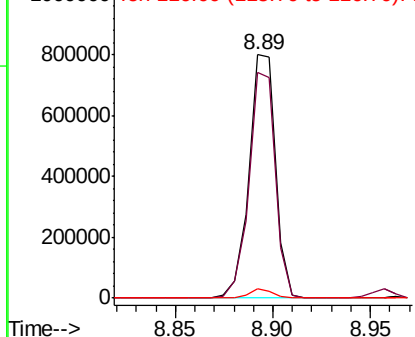


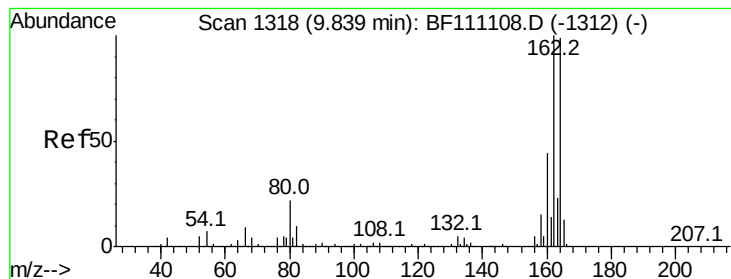
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

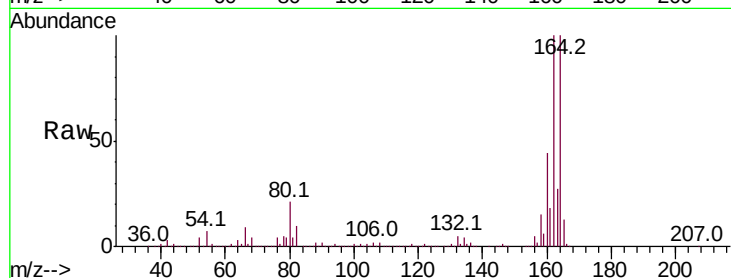
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 1093427

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.0	124.6
160	44.3	37.0	55.6

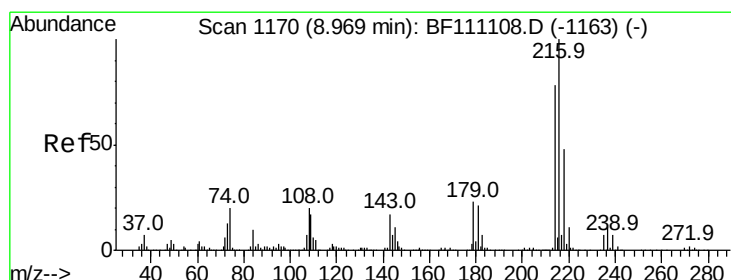
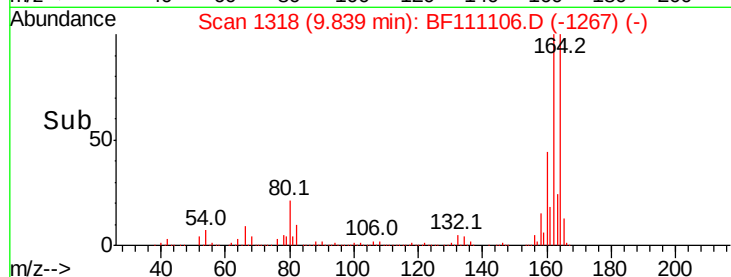
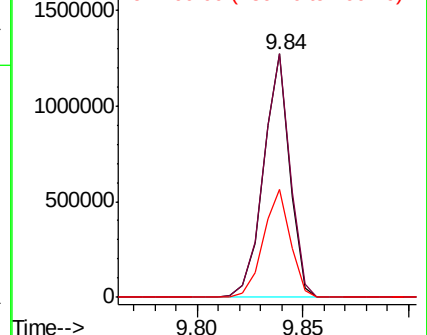


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.430 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Tgt Ion:216 Resp: 324370

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	22.6	16.6	25.0
108	23.2	15.1	22.7#

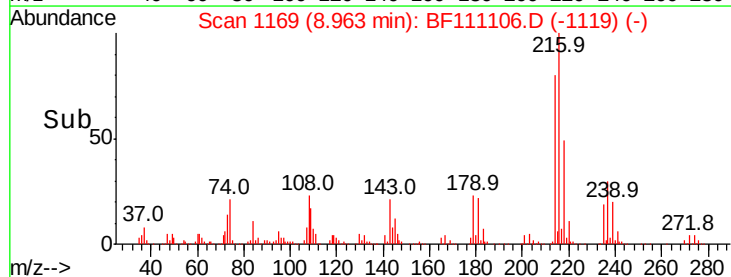
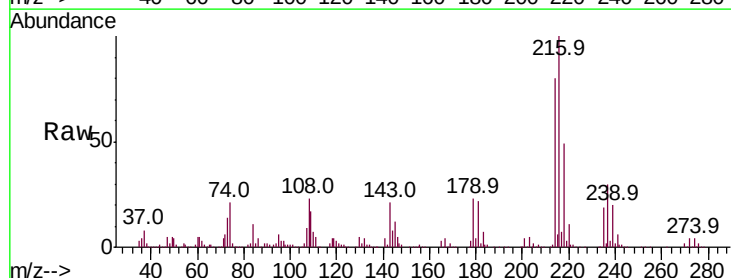
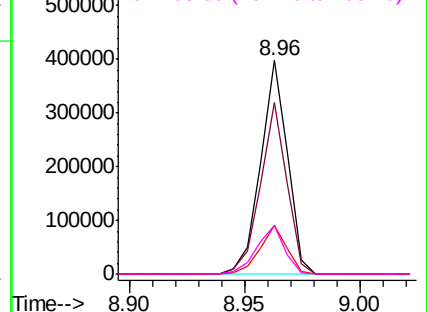
Abundance

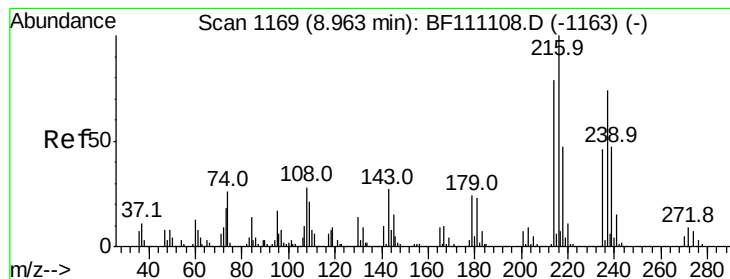
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.902 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

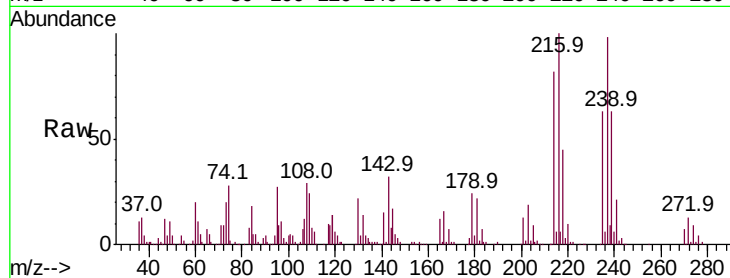
Tot Ion:237 Resp: 155411

Ion Ratio Lower Upper

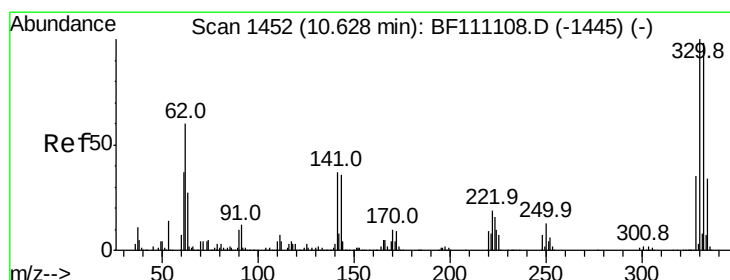
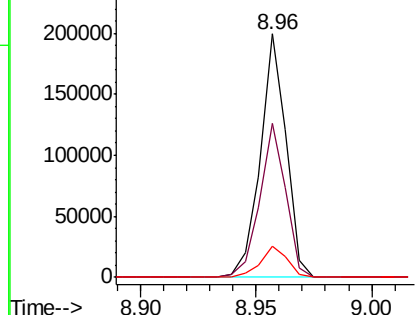
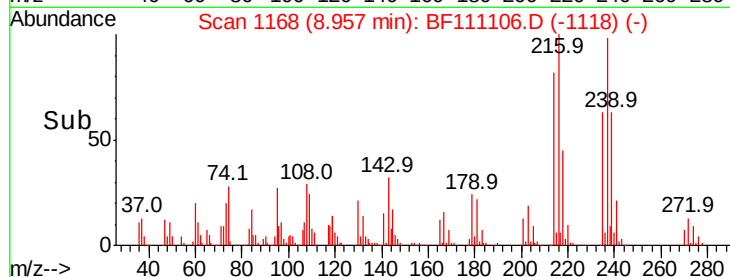
237 100

235 63.5 43.1 83.1

272 12.9 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 16.999 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

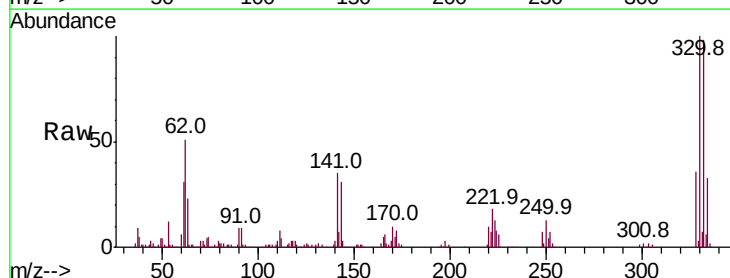
Tgt Ion:330 Resp: 184595

Ion Ratio Lower Upper

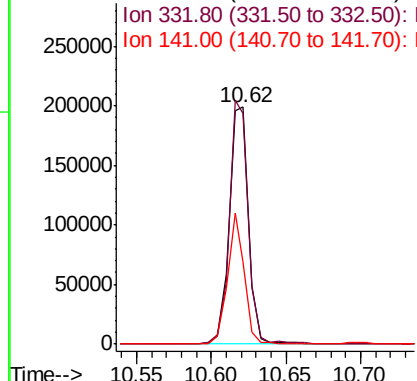
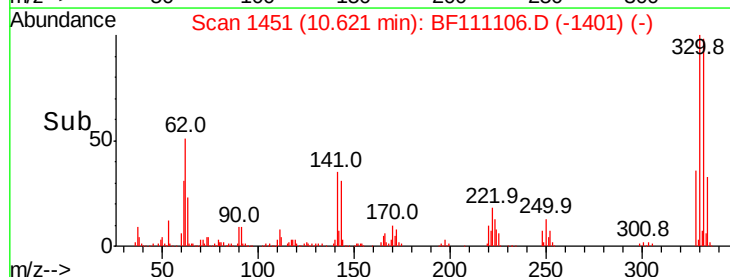
330 100

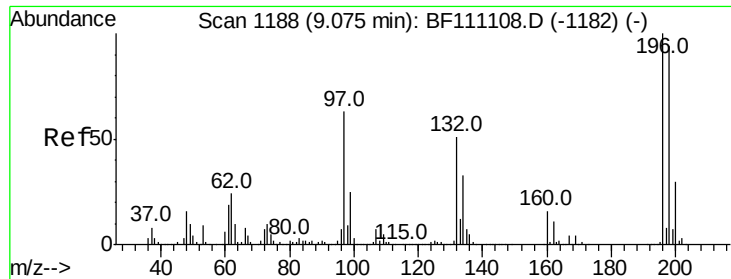
332 99.7 77.1 115.7

141 47.6 27.0 40.4#



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

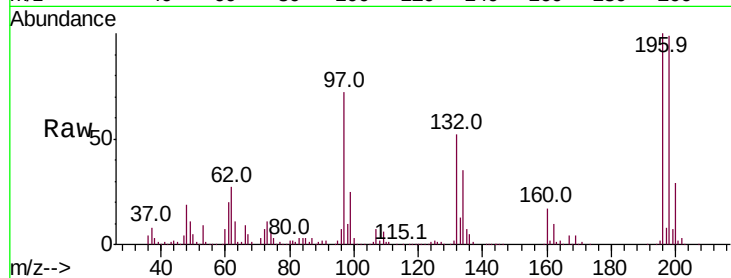




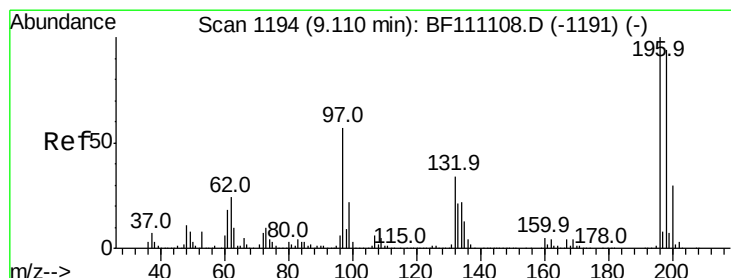
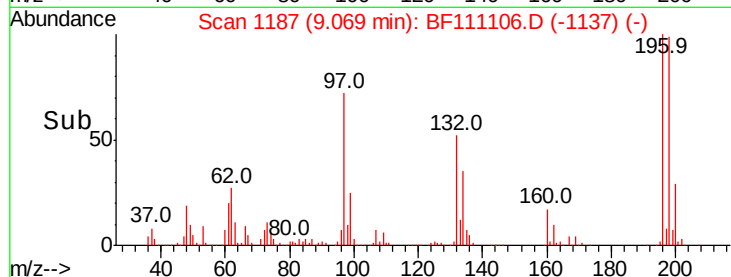
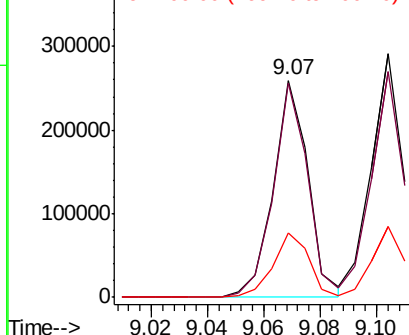
#43
 2,4,6-Trichlorophenol
 Concen: 10.750 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 220839
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.2 114.4
 200 29.5 24.4 36.6

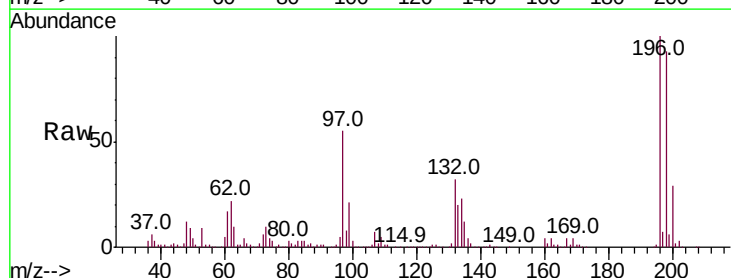


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

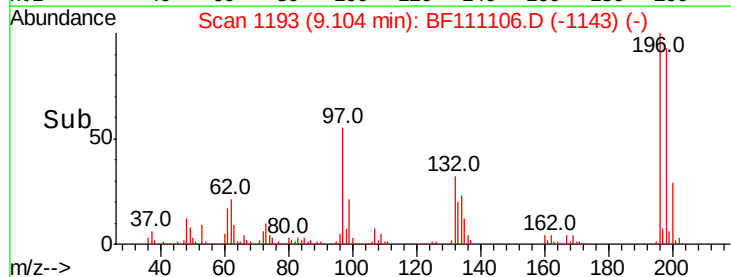
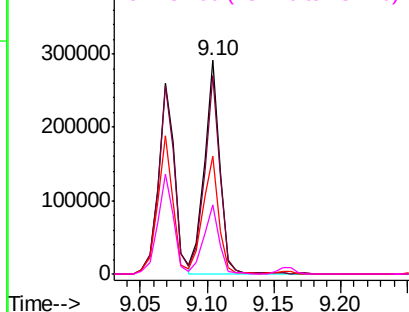


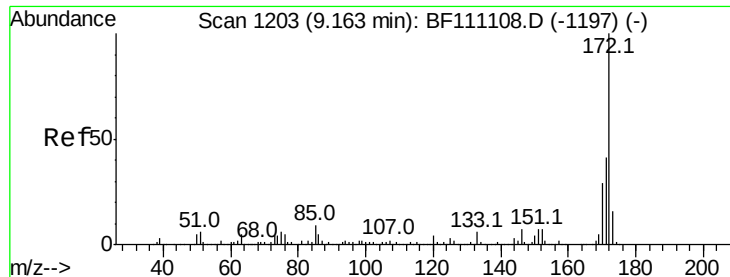
#44
 2,4,5-Trichlorophenol
 Concen: 10.808 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Tgt Ion:196 Resp: 233784
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.8 113.6
 97 55.1 42.4 63.6
 132 32.4 22.8 34.2



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

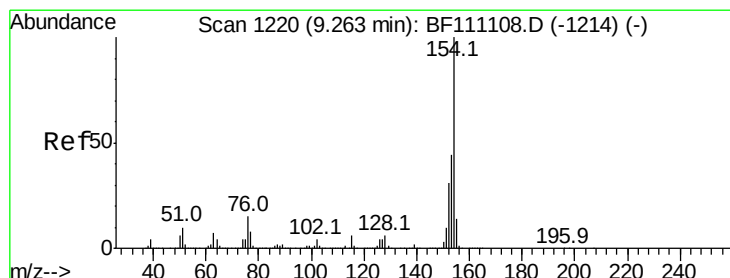
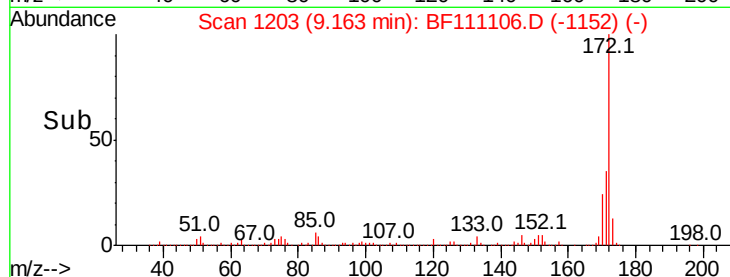
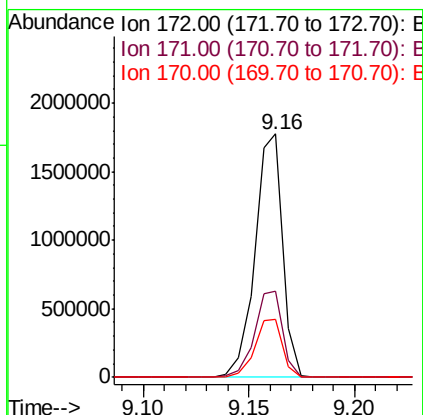
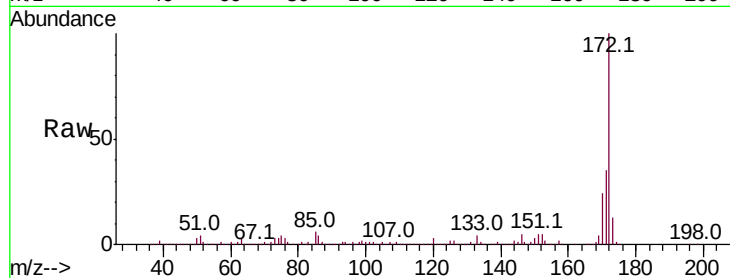




#45
2-Fluorobiphenyl
Concen: 21.382 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

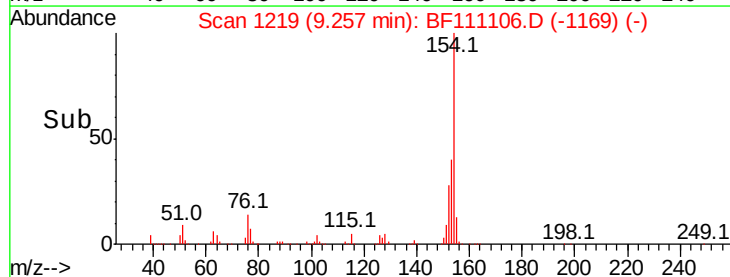
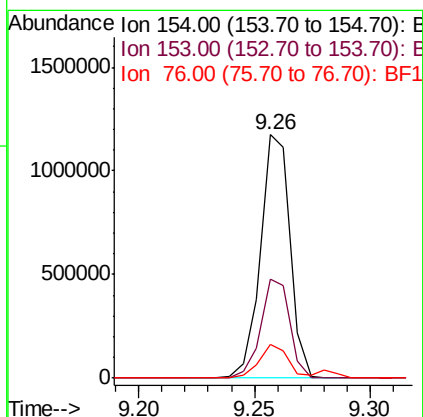
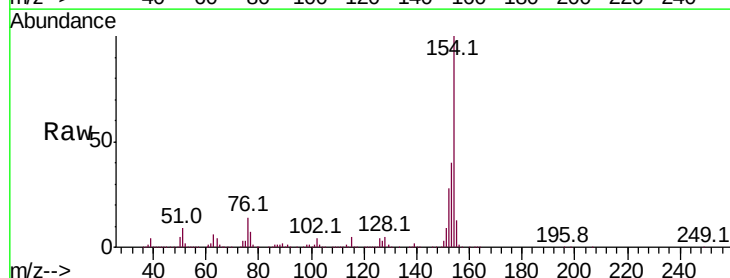
Instrument :
BNA_F
ClientSampleId :

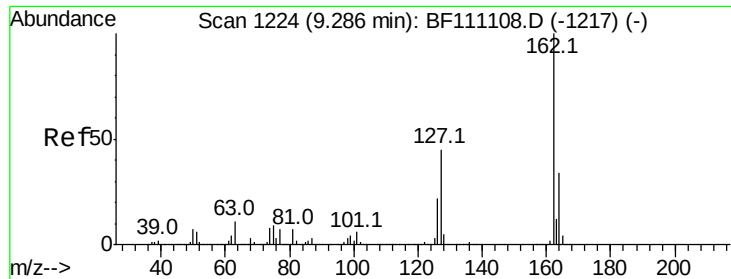
Tot Ion:172 Resp: 1613772
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 10.420 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:154 Resp: 1050398
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 13.7 0.0 31.9

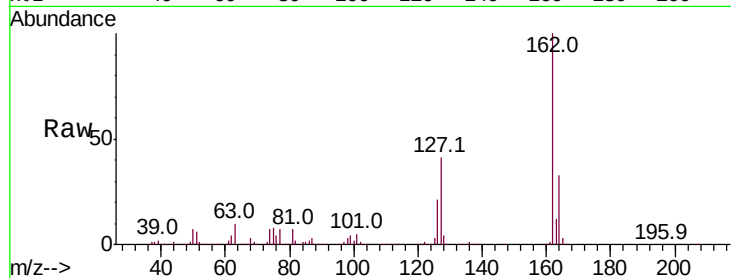




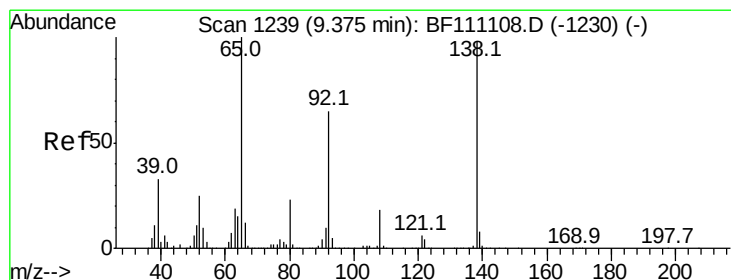
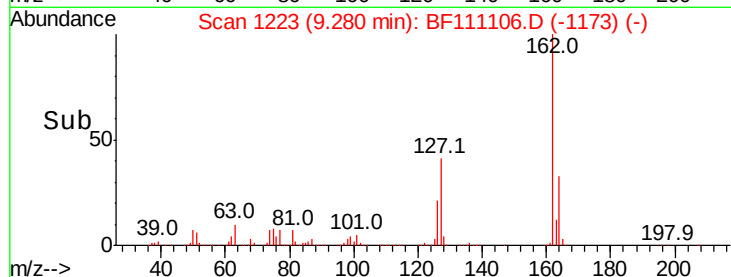
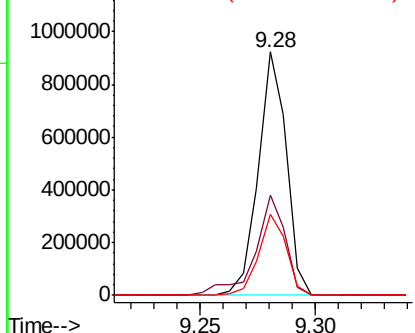
#47
 2-Chloronaphthalene
 Concen: 10.723 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	33.1	25.9	38.9

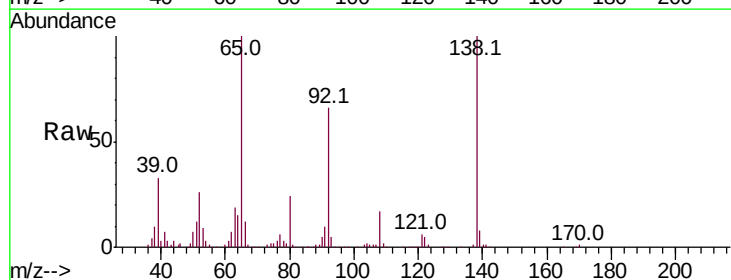


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

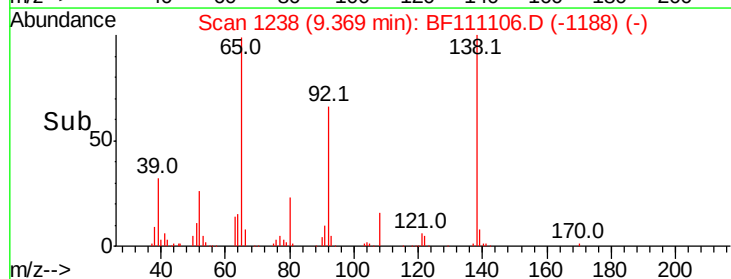
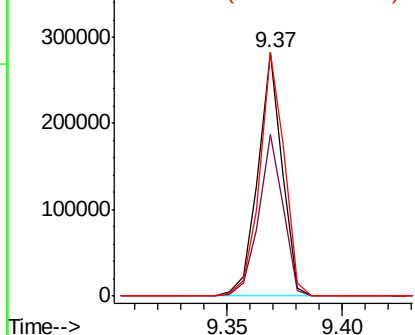


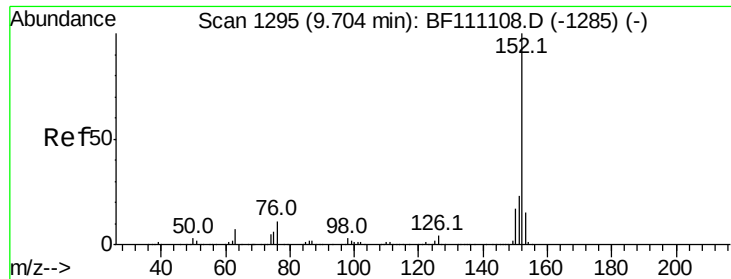
#48
 2-Nitroaniline
 Concen: 9.029 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.6	81.8
138	100.0	80.3	120.5



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





#49

Acenaphthylene

Concen: 11.187 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

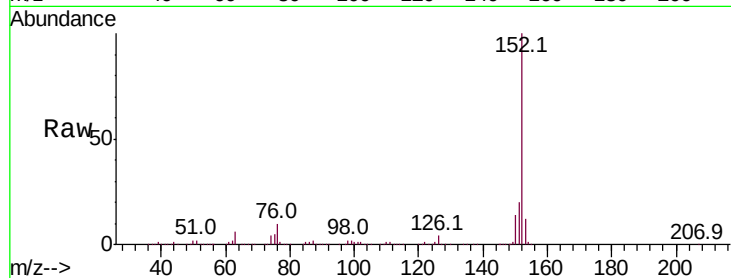
Tot Ion:152 Resp: 1162679

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

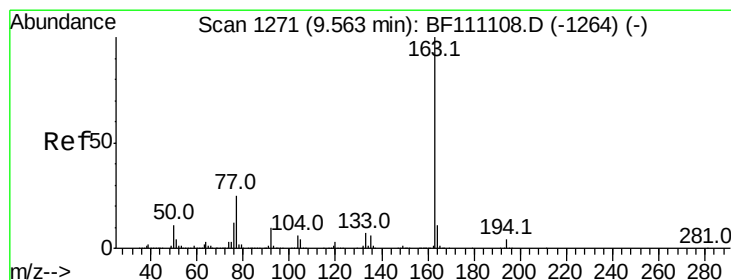
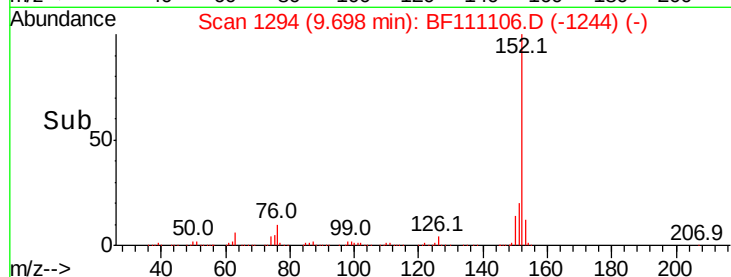
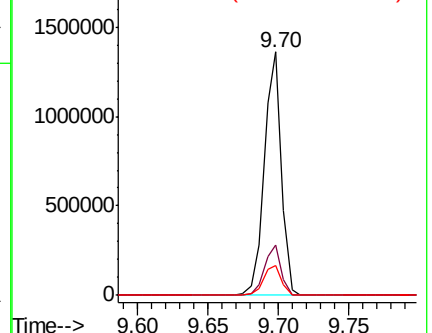
153 12.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.742 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

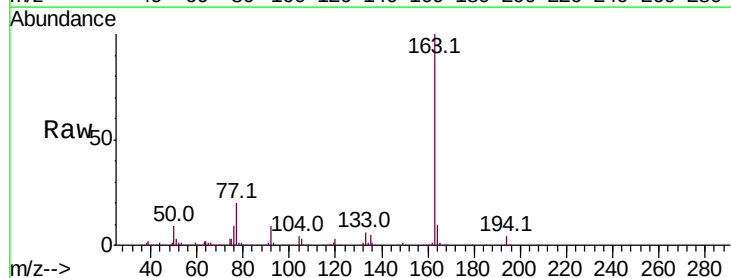
Tgt Ion:163 Resp: 861410

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

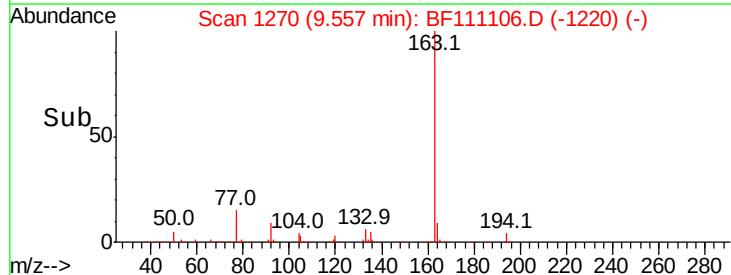
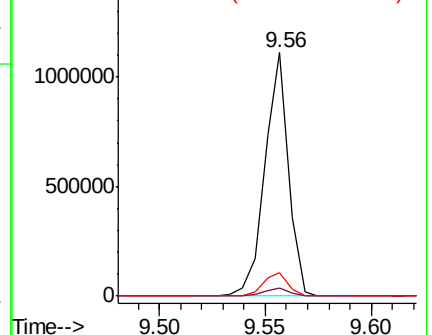
164 9.9 8.1 12.1

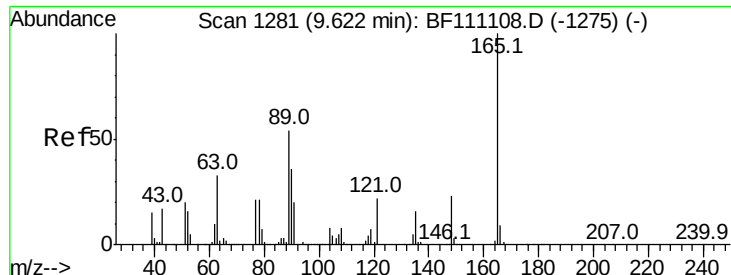


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 9.291 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

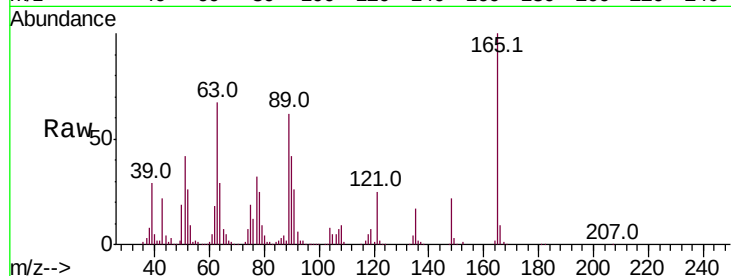
Tot Ion:165 Resp: 165870

Ion Ratio Lower Upper

165 100

63 66.9 48.9 73.3

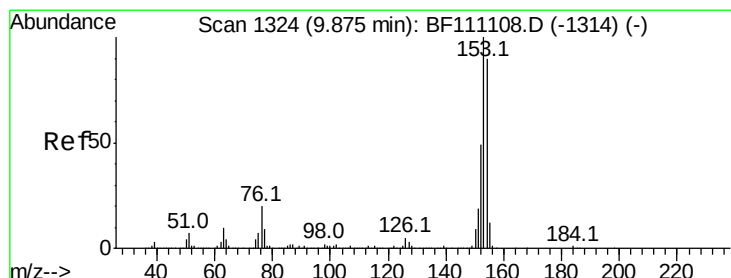
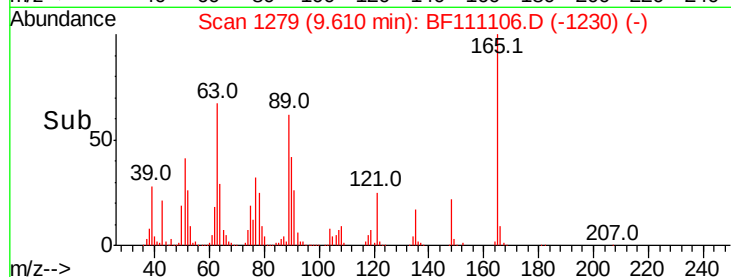
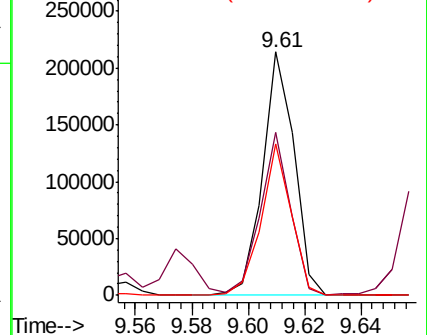
89 62.2 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 10.658 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

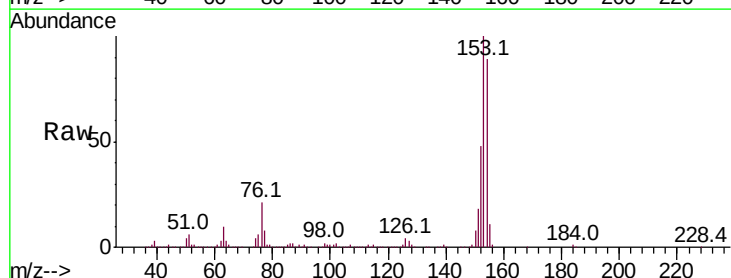
Tgt Ion:154 Resp: 710148

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

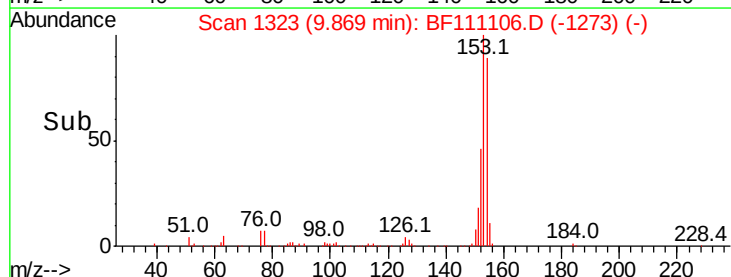
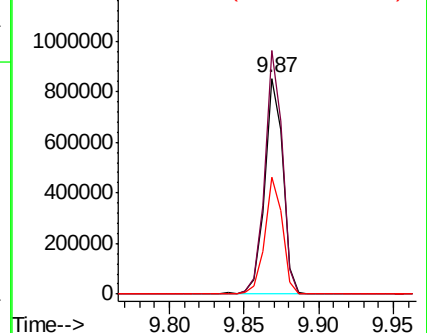
152 53.9 43.4 65.2

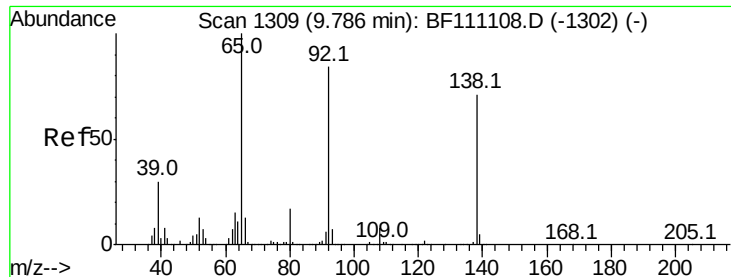


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

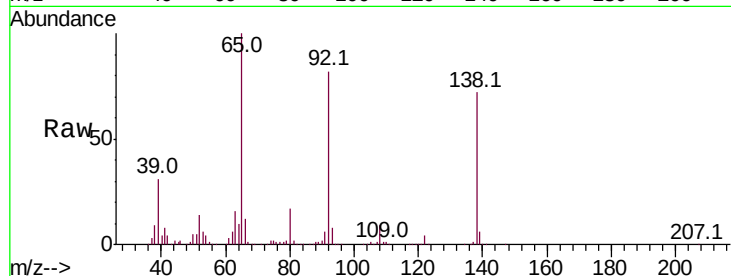




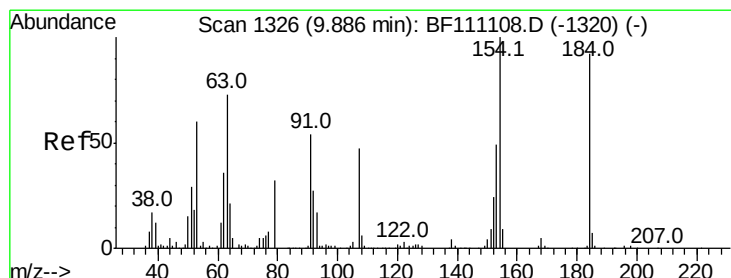
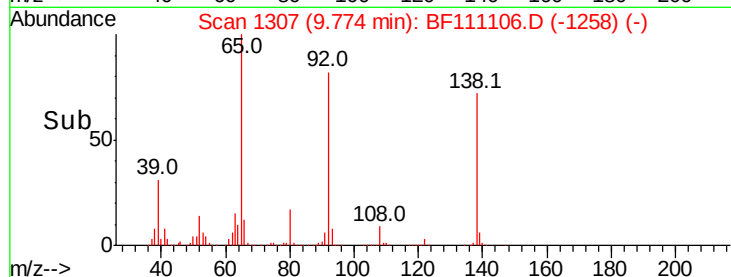
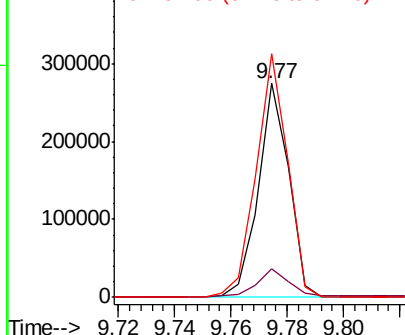
#53
3-Nitroaniline
Concen: 9.906 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 206126
Ion Ratio Lower Upper
138 100
108 13.1 8.7 13.1
92 113.8 97.0 145.4

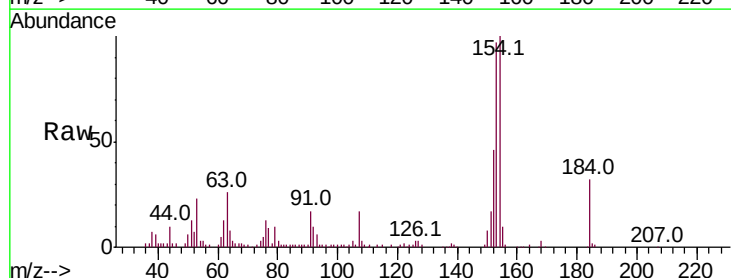


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

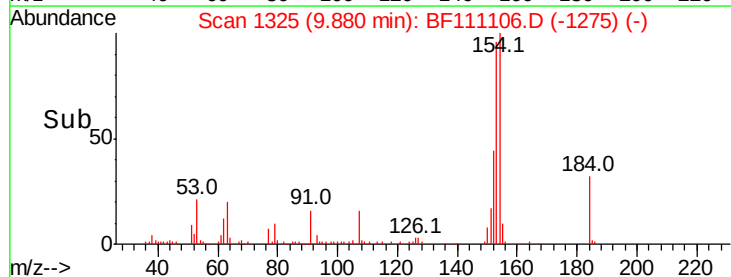
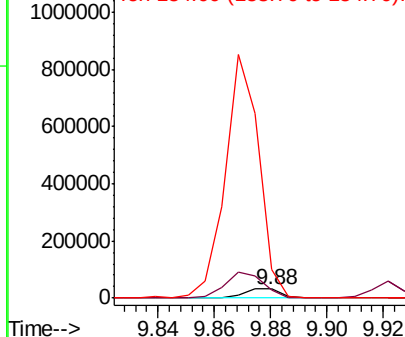


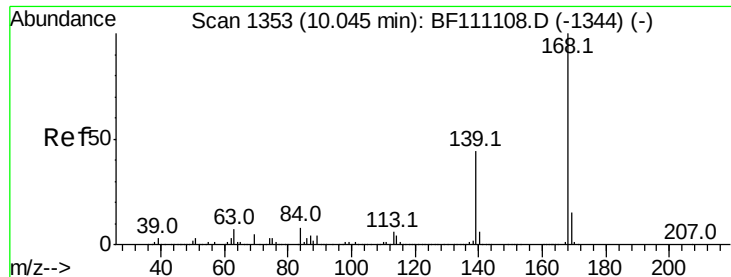
#54
2,4-Dinitrophenol
Concen: 5.064 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:184 Resp: 28737
Ion Ratio Lower Upper
184 100
63 80.8 55.8 83.6
154 315.3 63.2 94.8#



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

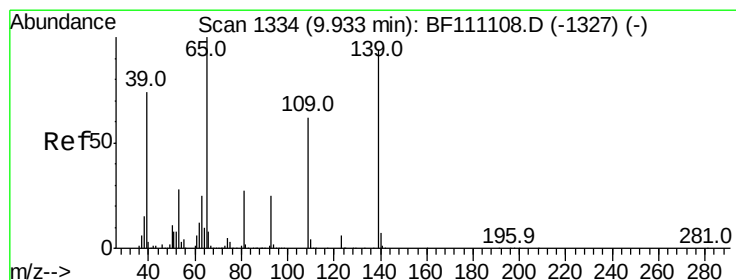
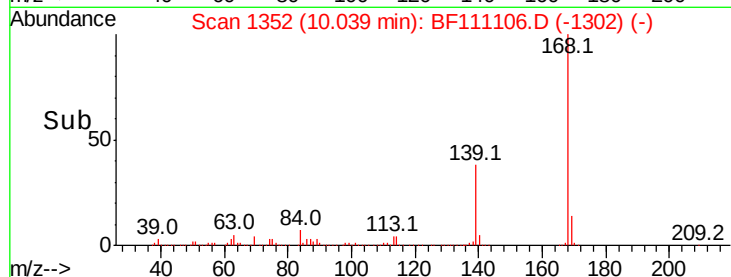
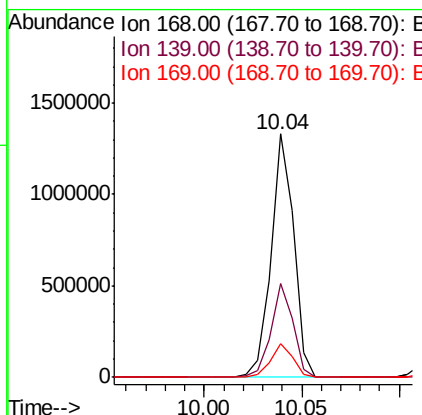
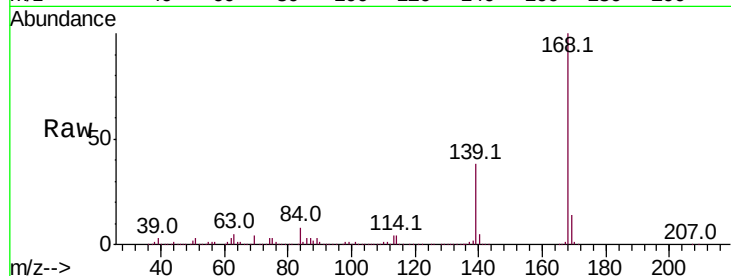




#55
Dibenzofuran
Concen: 10.969 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

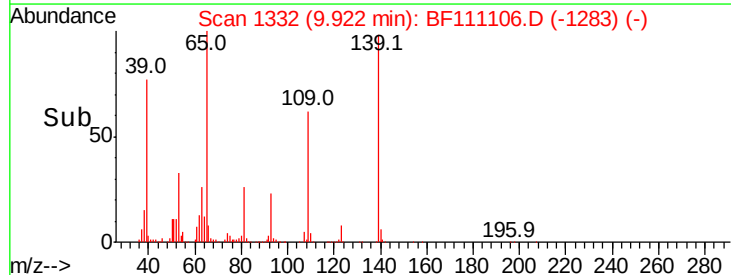
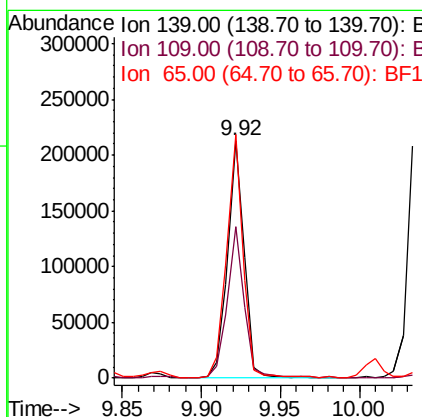
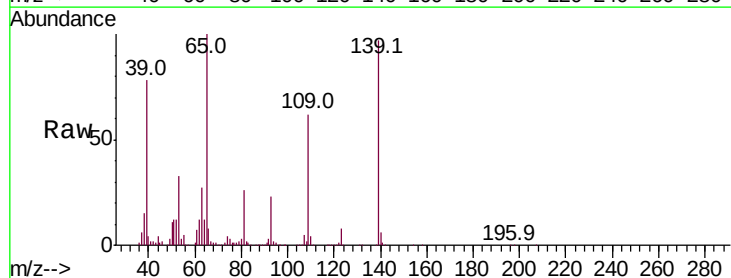
Instrument :
BNA_F
ClientSampleId :

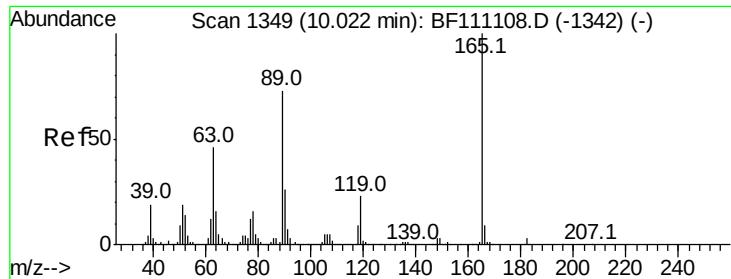
Tot Ion:168 Resp: 1066210
Ion Ratio Lower Upper
168 100
139 38.4 33.0 49.6
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 14.963 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:139 Resp: 155272
Ion Ratio Lower Upper
139 100
109 63.7 55.8 95.8
65 102.6 77.9 117.9

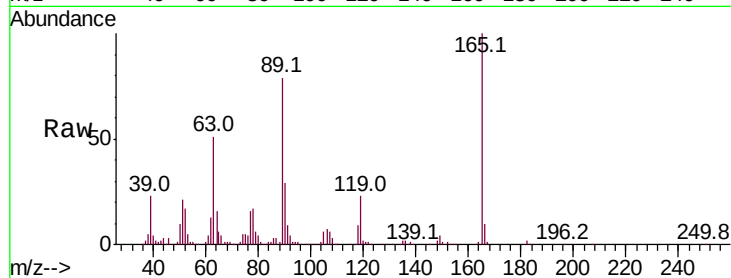




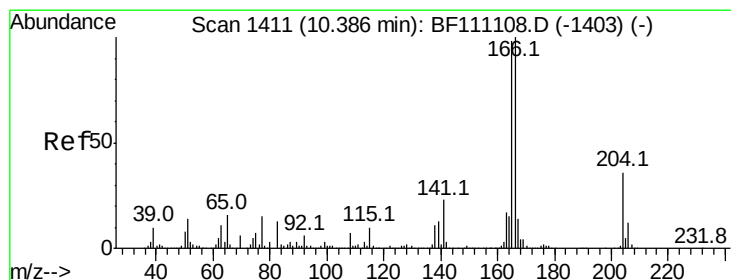
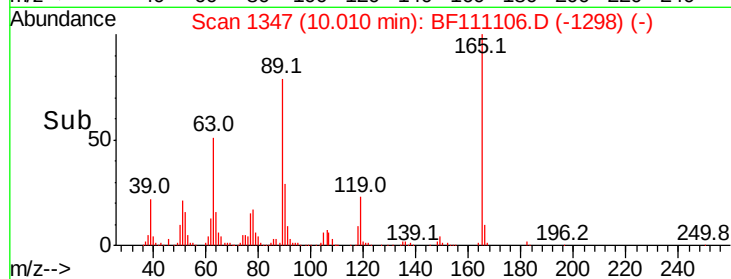
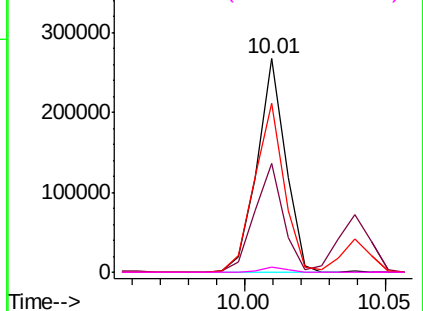
#57
 2,4-Dinitrotoluene
 Concen: 8.102 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 187663
 Ion Ratio Lower Upper
 165 100
 63 51.2 44.8 67.2
 89 79.1 62.2 93.4
 182 2.4 2.1 3.1

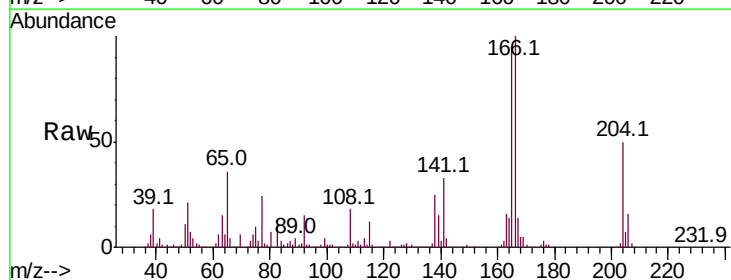


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

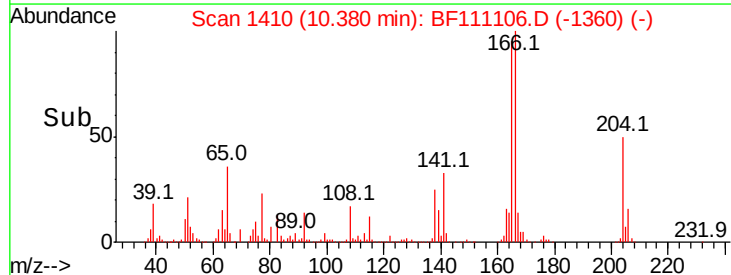
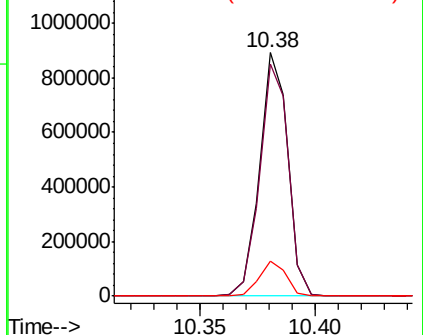


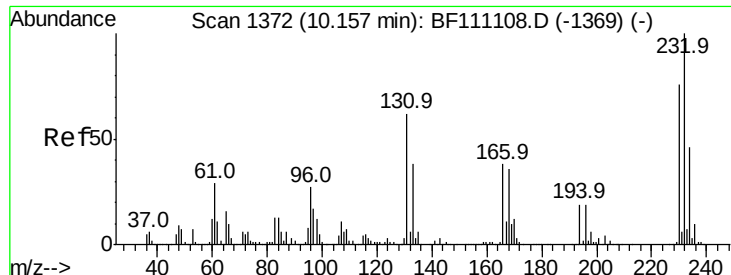
#58
 Fluorene
 Concen: 10.037 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Tgt Ion:166 Resp: 759064
 Ion Ratio Lower Upper
 166 100
 165 95.1 78.6 117.8
 167 14.2 10.8 16.2



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

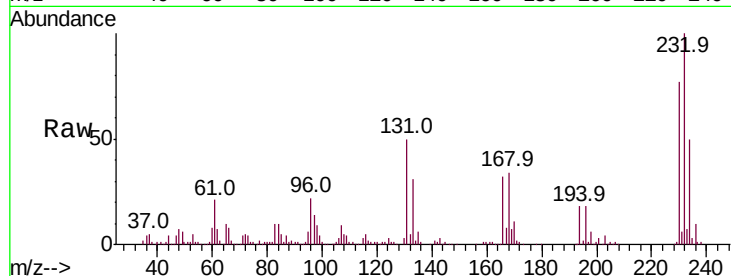




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.821 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.5	37.0	55.4#
130	3.0	1.8	2.6#
166	36.2	22.0	33.0#



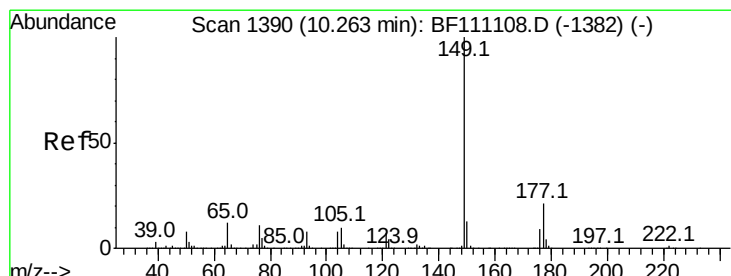
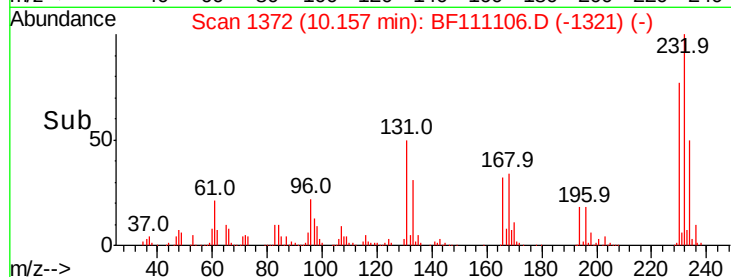
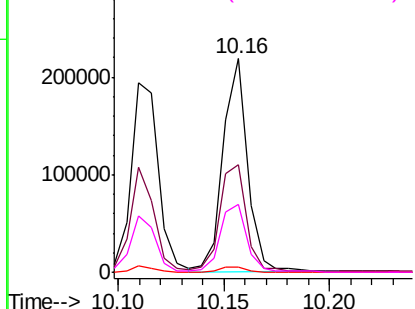
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

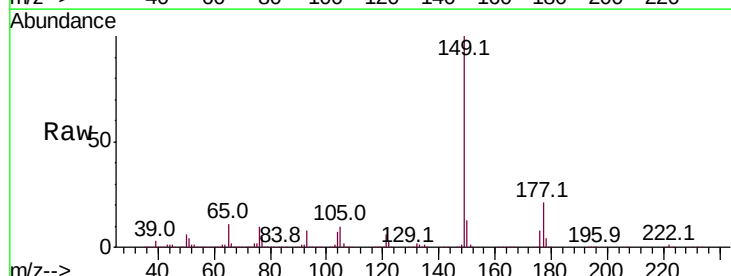
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 10.225 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.4	26.2
150	12.8	9.8	14.8

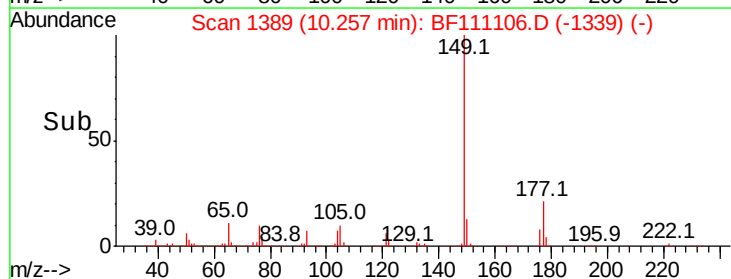
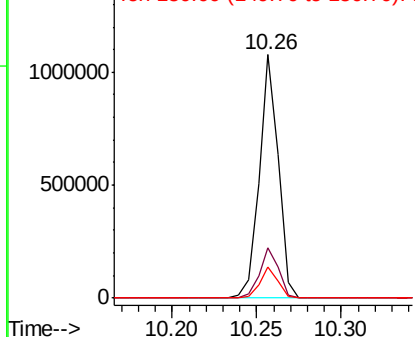


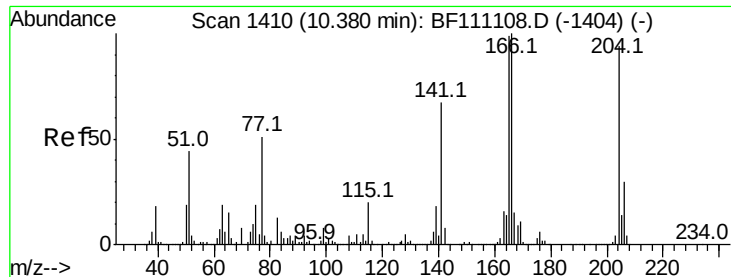
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

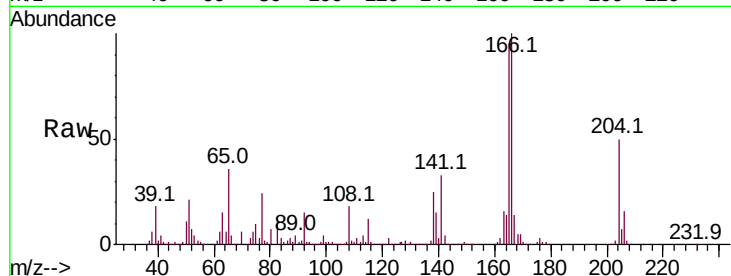




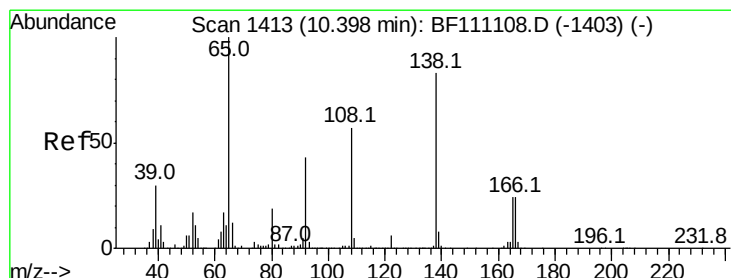
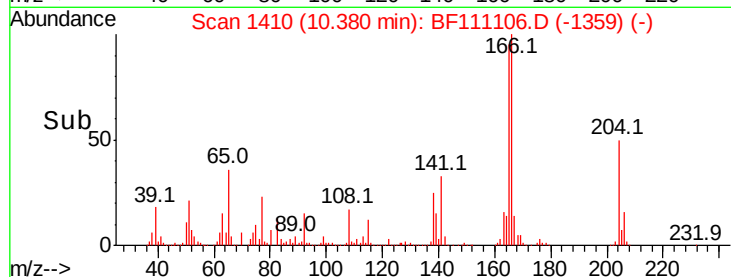
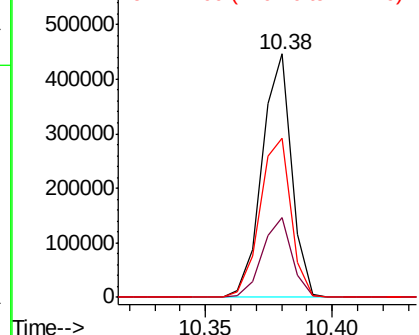
#61
4-Chlorophenyl-phenylether
Concen: 9.129 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 361133
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.2 51.8 77.8

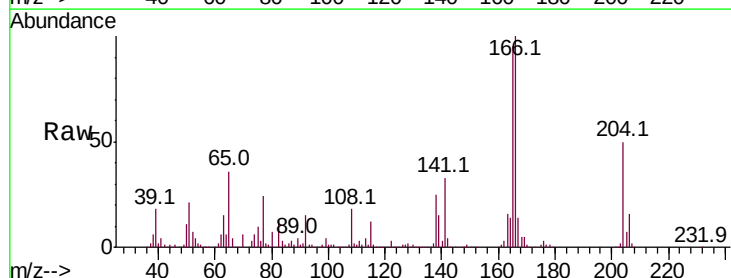


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

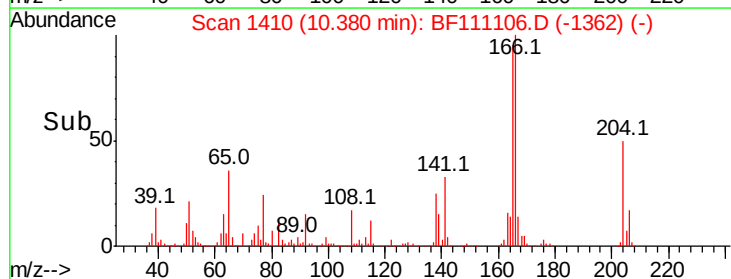
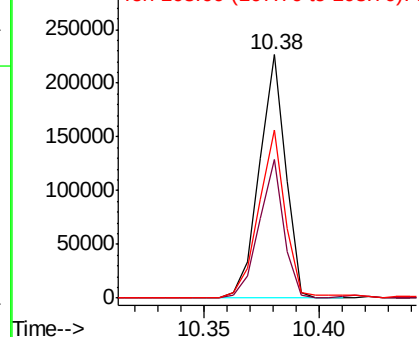


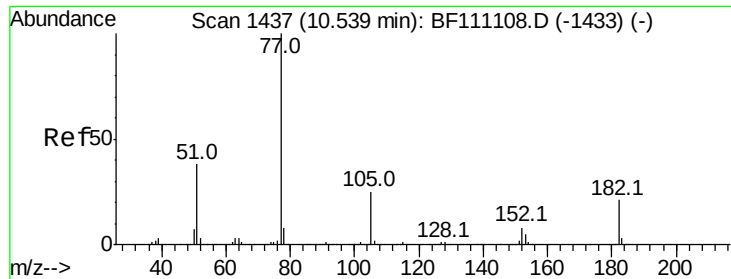
#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:138 Resp: 180600
Ion Ratio Lower Upper
138 100
92 57.2 31.7 71.7
108 68.9 59.3 99.3



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





#63

Azobenzene

Concen: 11.311 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

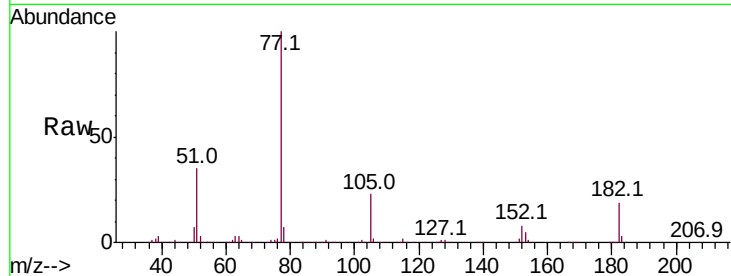
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 911709

Ion	Ratio	Lower	Upper
77	100		
182	19.0	4.3	44.3
105	22.6	1.3	41.3
51	34.8	9.0	49.0

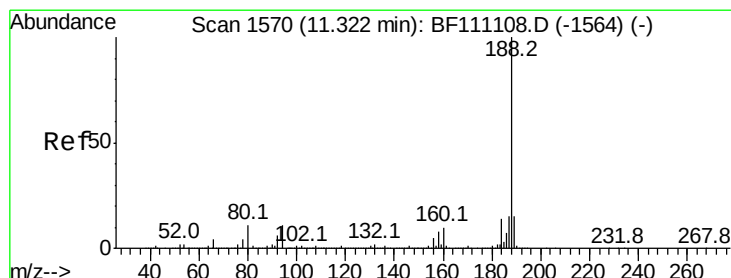
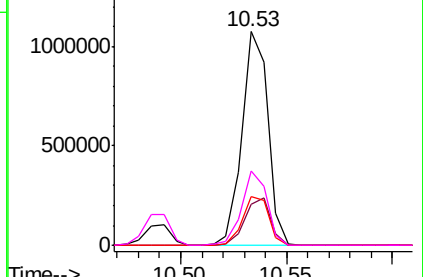
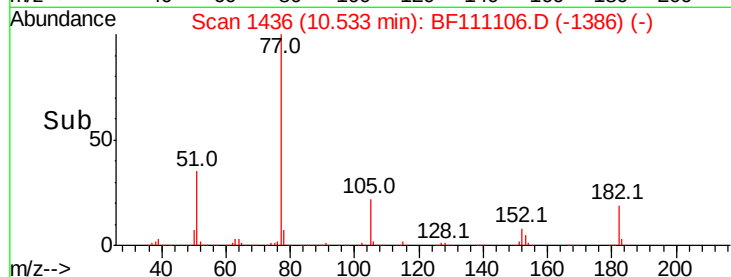


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

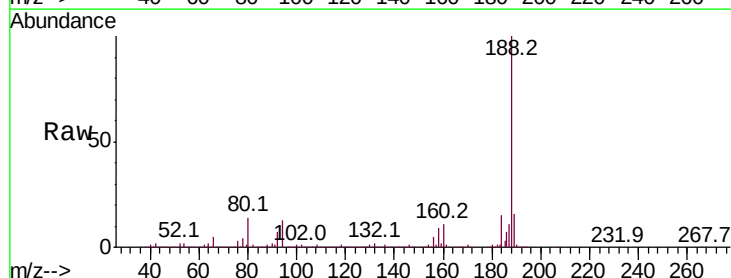
Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Tgt Ion: 188 Resp: 1868619

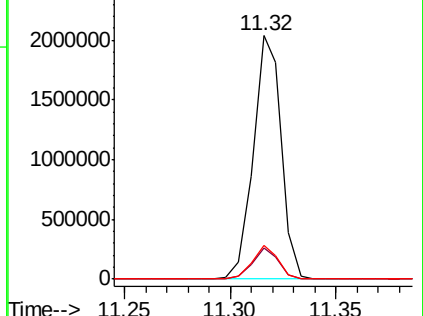
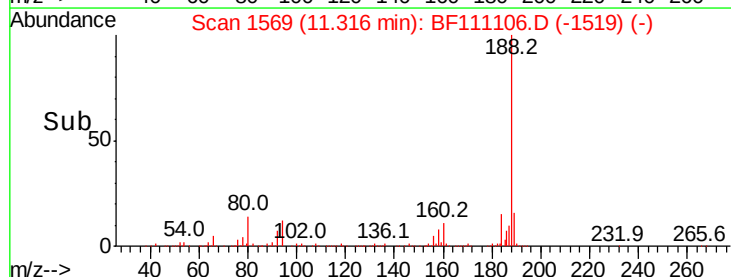
Ion	Ratio	Lower	Upper
188	100		
94	12.7	7.2	10.8#
80	13.8	7.9	11.9#

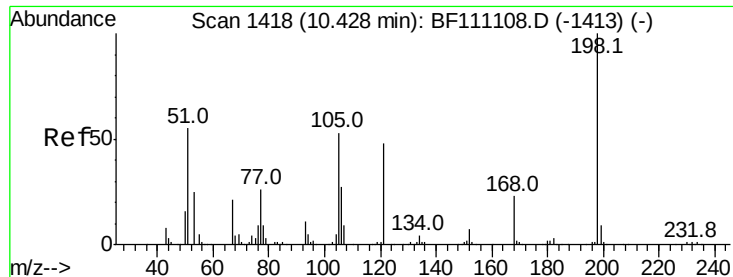


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

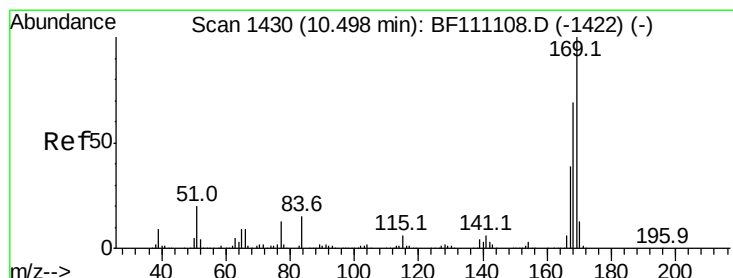
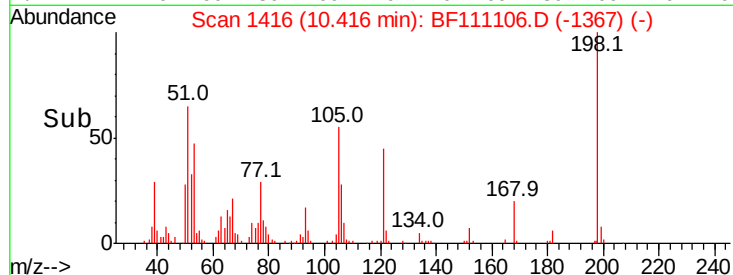
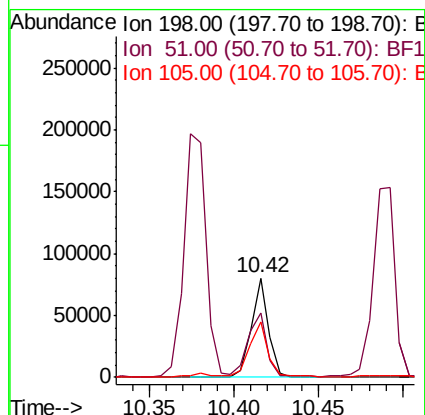
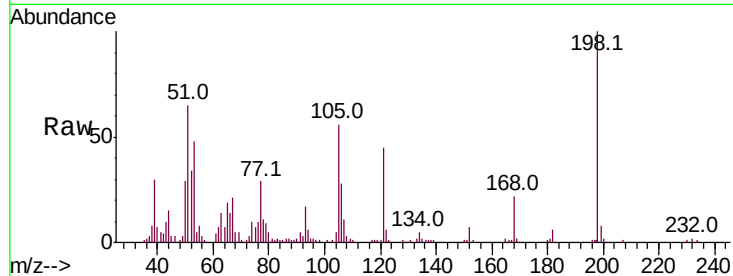




#65
4,6-Dinitro-2-methylphenol
Concen: 6.464 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

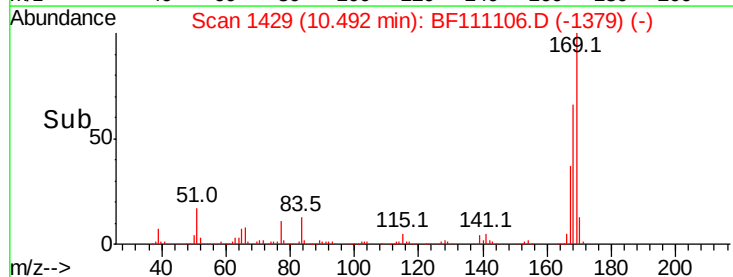
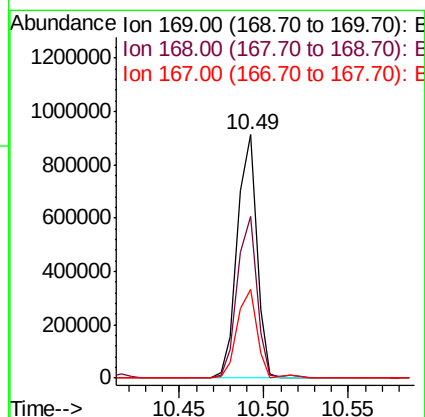
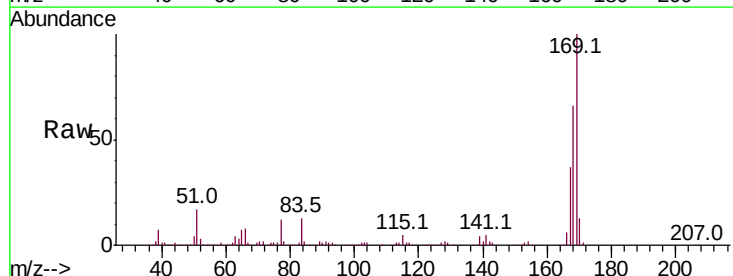
Instrument :
BNA_F
ClientSampleId :

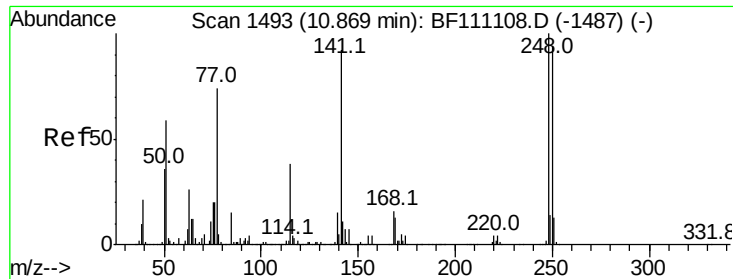
Tot Ion:198 Resp: 57137
Ion Ratio Lower Upper
198 100
51 65.2 22.8 62.8#
105 55.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 11.746 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:169 Resp: 730665
Ion Ratio Lower Upper
169 100
168 66.4 51.2 76.8
167 36.7 27.8 41.6

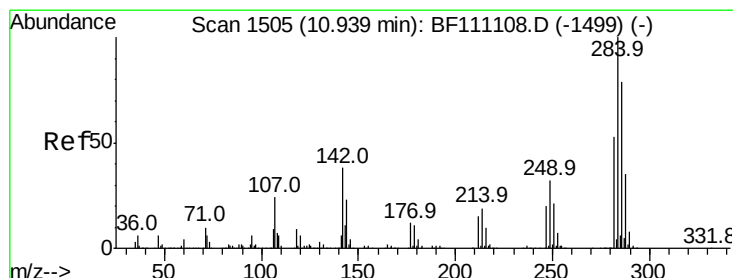
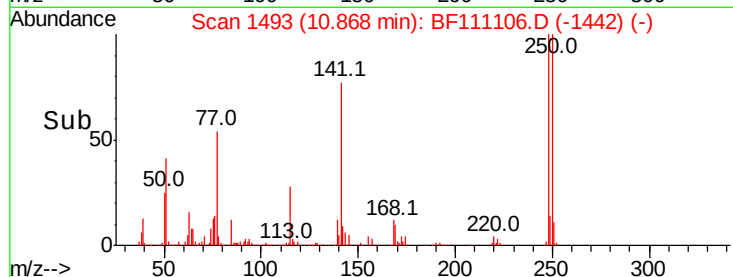
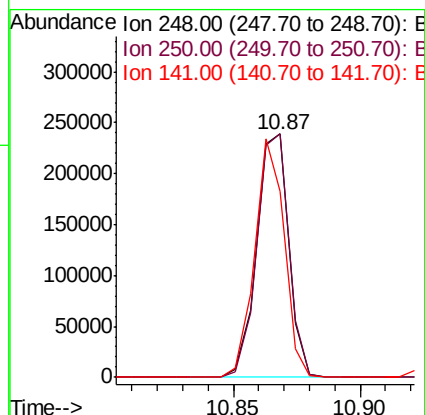
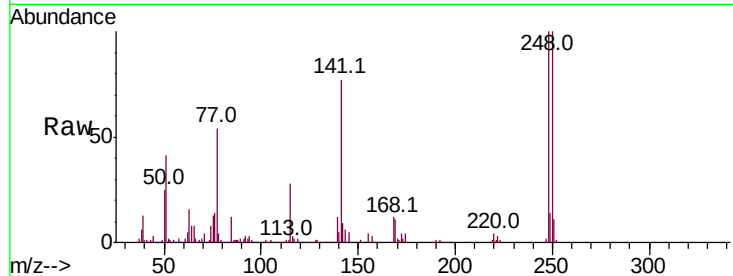




#67
4-Bromophenyl-phenylether
Concen: 10.365 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

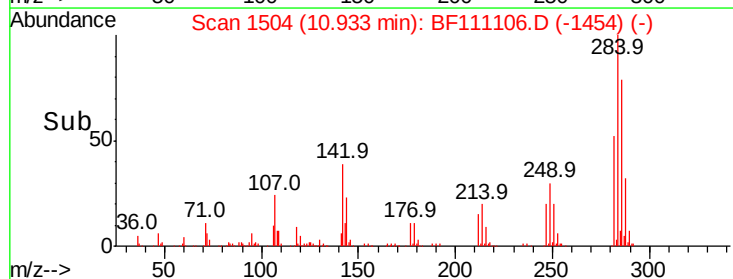
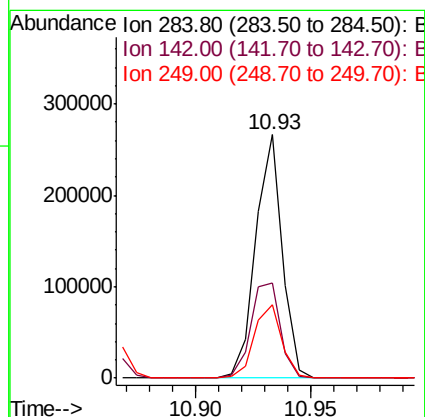
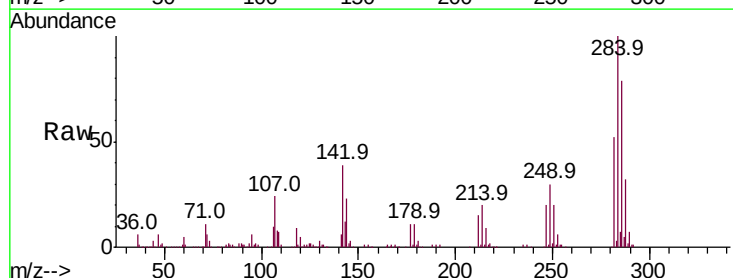
Instrument :
BNA_F
ClientSampled :

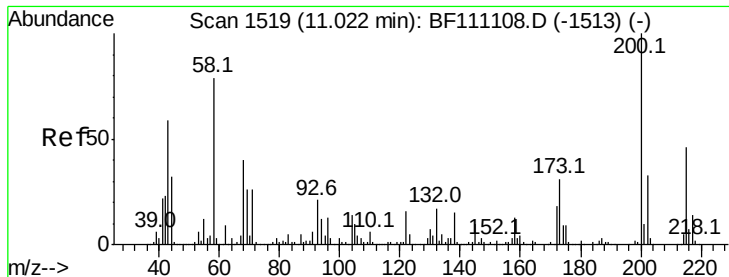
Tot Ion:248 Resp: 210930
Ion Ratio Lower Upper
248 100
250 99.8 79.4 119.2
141 76.6 55.9 83.9



#68
Hexachlorobenzene
Concen: 9.908 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:284 Resp: 214775
Ion Ratio Lower Upper
284 100
142 39.2 23.9 35.9#
249 30.1 24.2 36.2

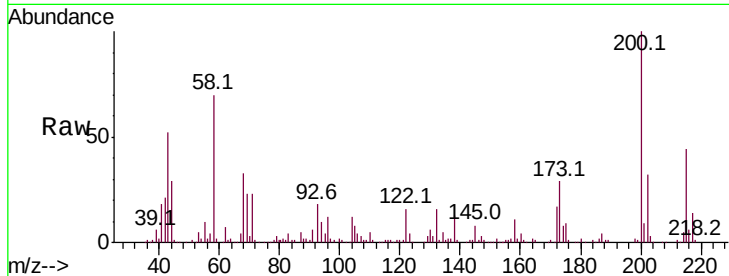




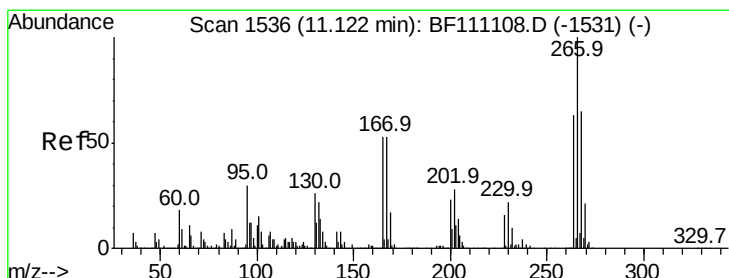
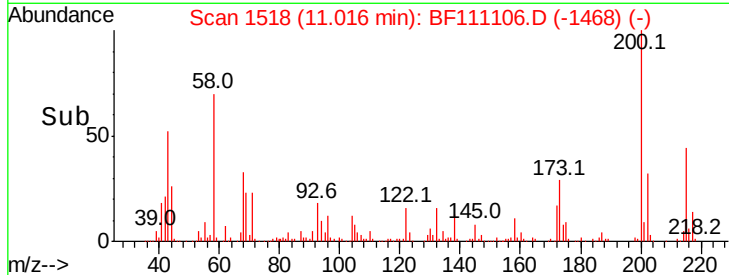
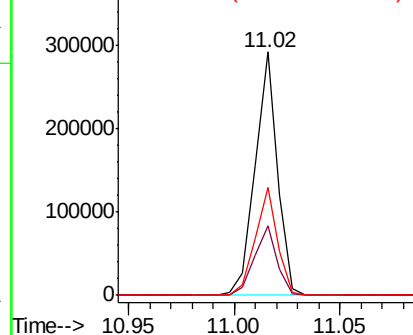
#69
Atrazine
Concen: 13.394 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 214410
Ion Ratio Lower Upper
200 100
173 28.7 6.6 46.6
215 44.3 26.3 66.3

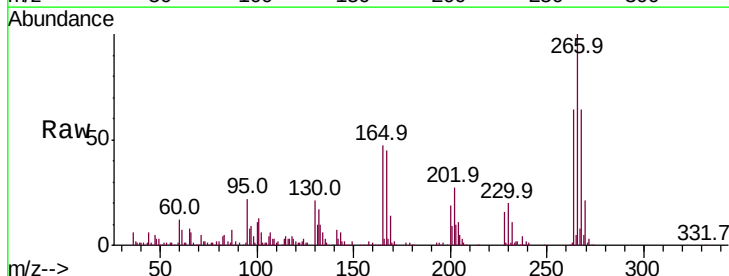


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

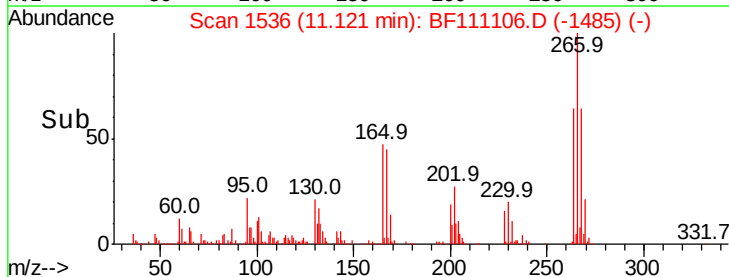
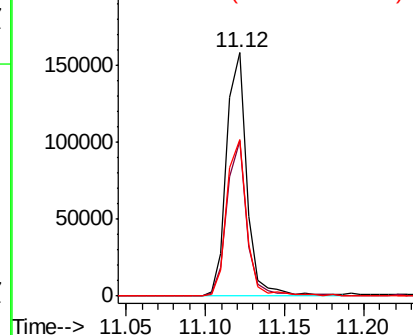


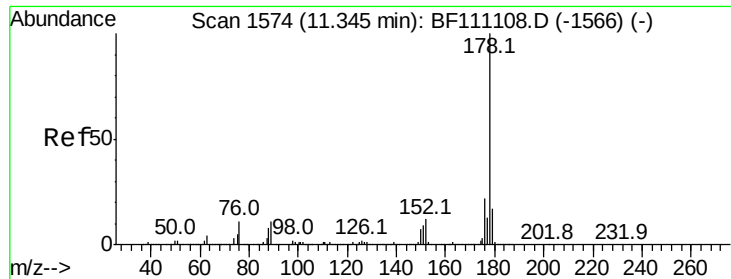
#70
Pentachlorophenol
Concen: 16.428 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:266 Resp: 141673
Ion Ratio Lower Upper
266 100
268 64.0 50.6 75.8
264 64.1 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.024 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

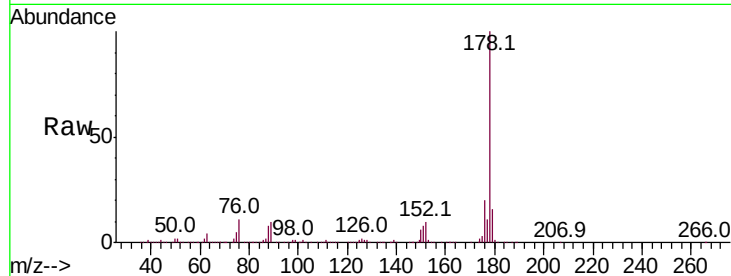
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1091011

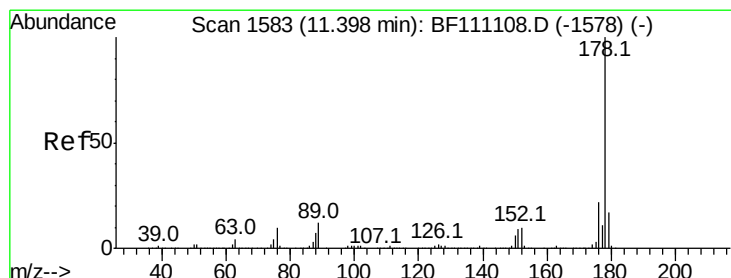
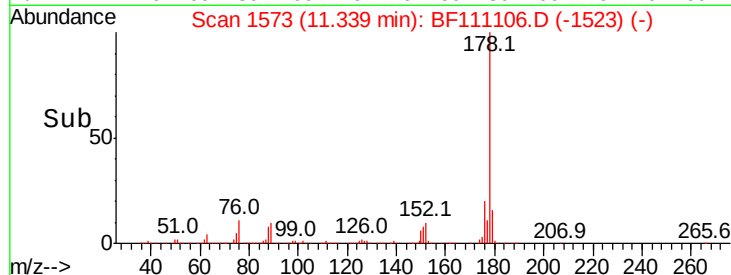
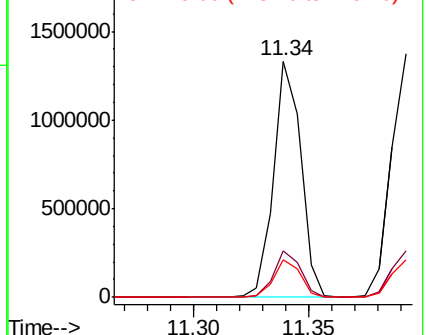
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.5	18.7



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: 10.947 ng

RT: 11.39 min Scan# 1582

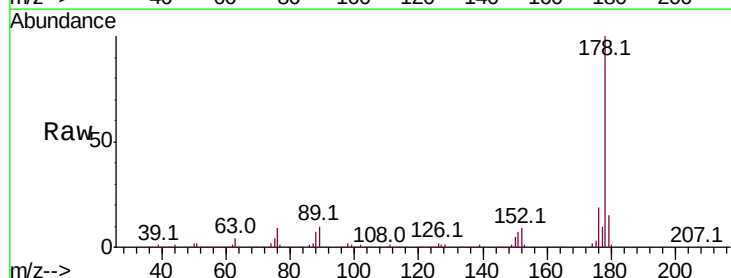
Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Tgt Ion:178 Resp: 1103348

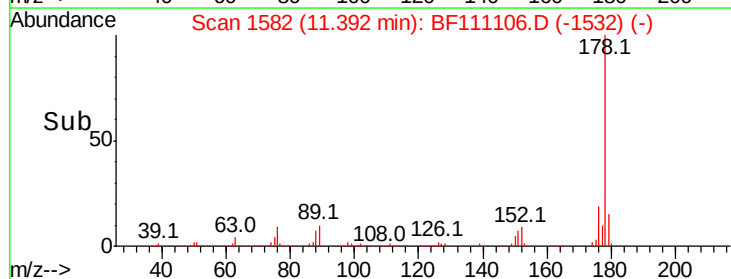
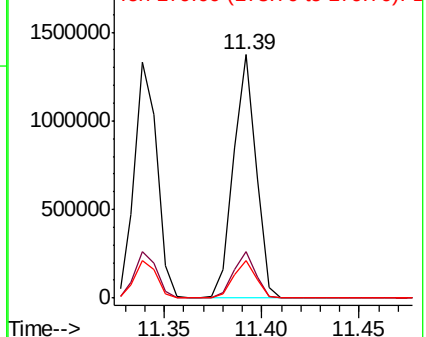
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.6	18.8

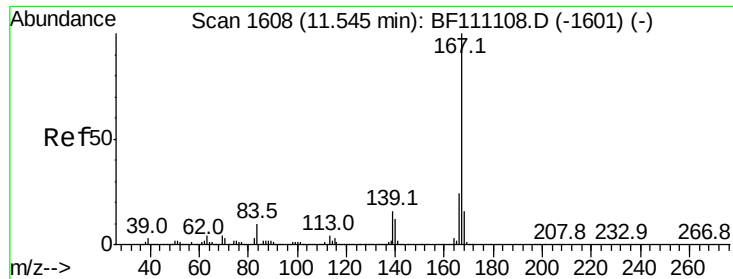


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

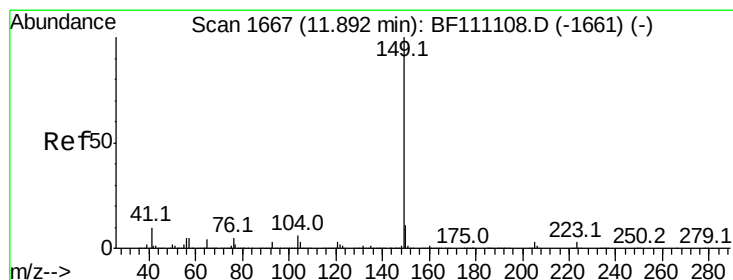
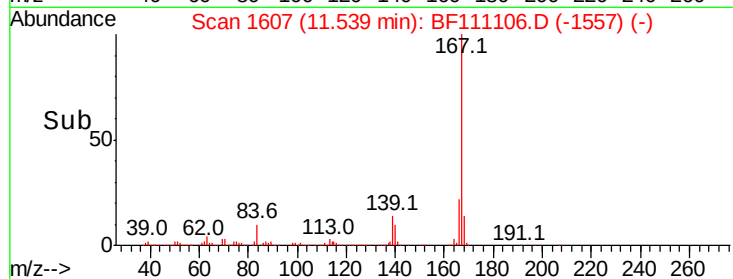
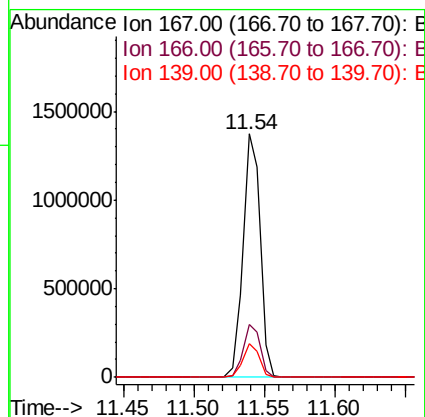
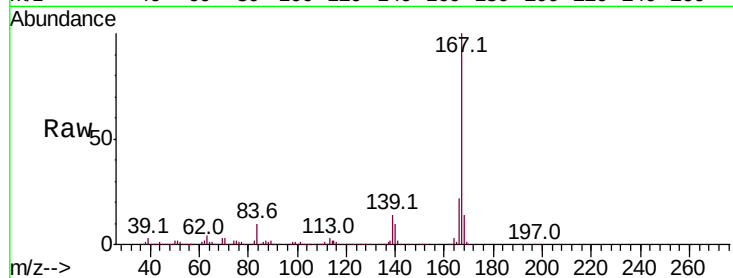




#73
 Carbazole
 Concen: 11.815 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

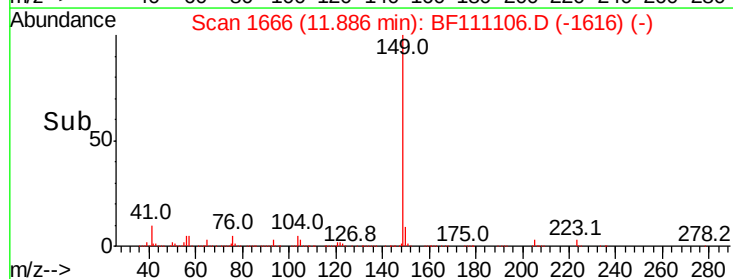
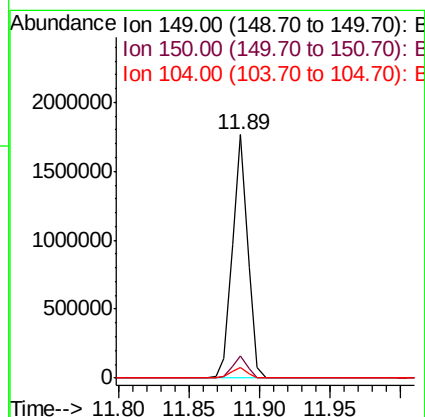
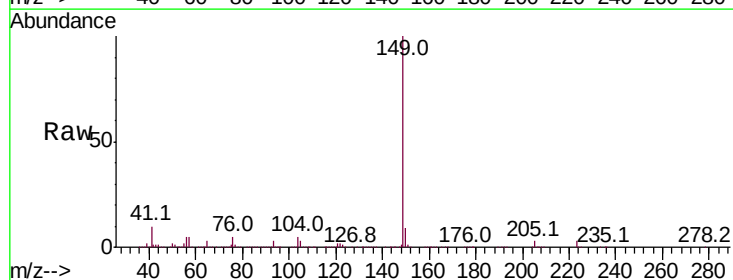
Instrument :
 BNA_F
 ClientSampleId :

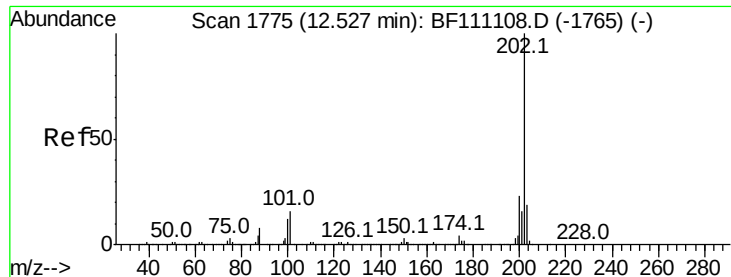
Tot Ion:167 Resp: 1155801
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 11.641 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF111106.D
 Acq: 5 Dec 2018 13:55

Tgt Ion:149 Resp: 1331533
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.6 4.2 6.4





#75

Fluoranthene

Concen: 10.578 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

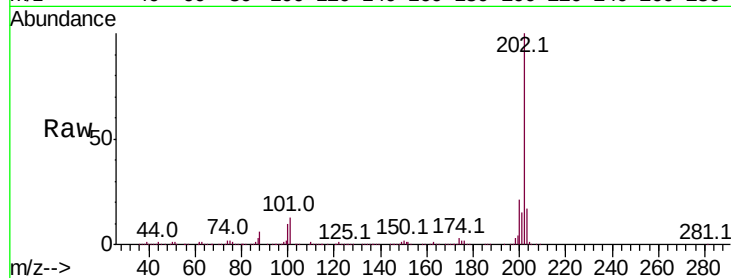
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1075996

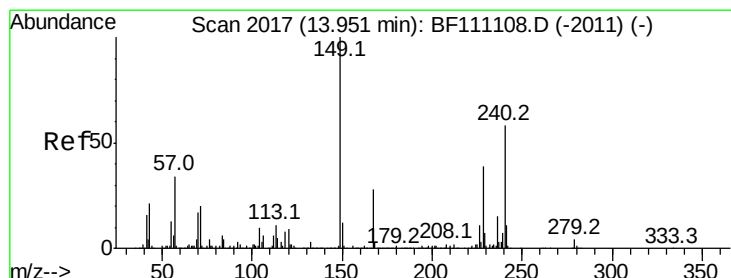
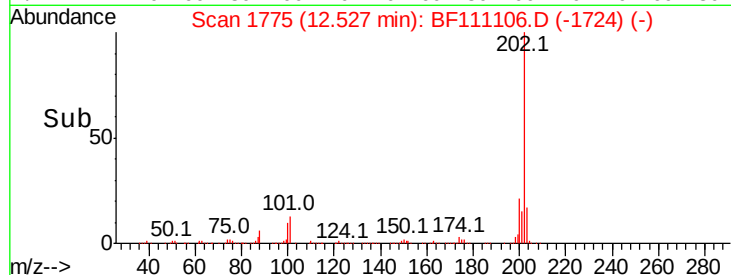
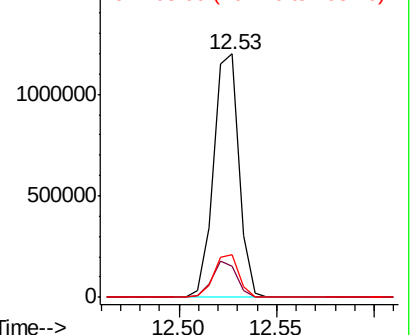
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	17.5	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

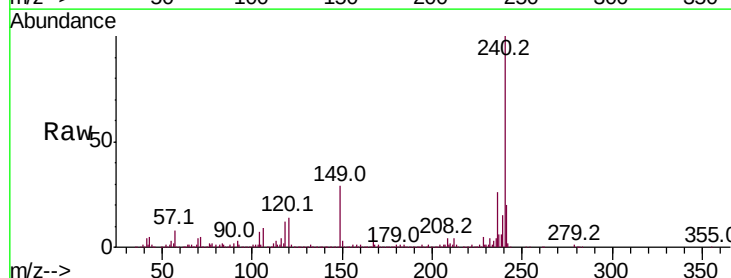
Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Tgt Ion:240 Resp: 1429152

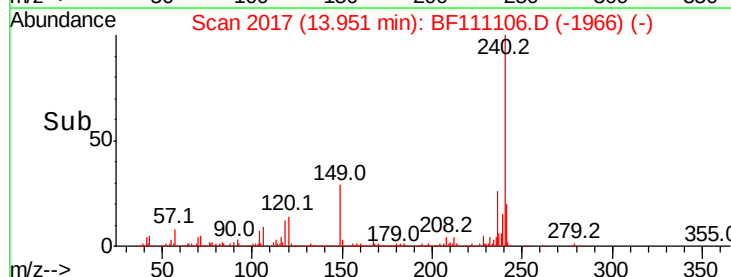
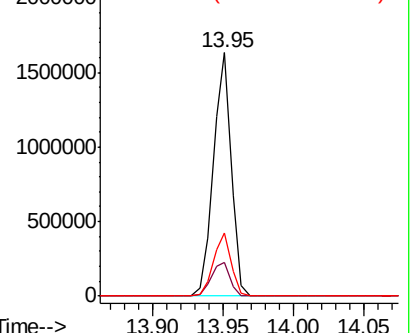
Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.3	12.5#
236	25.7	21.2	31.8

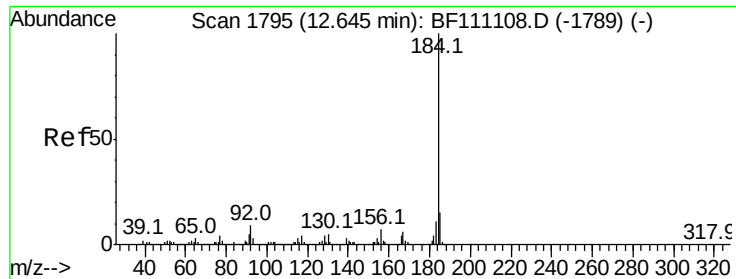


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.501 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampled :

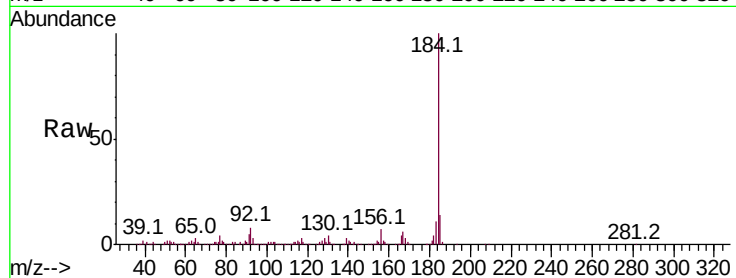
Tot Ion:184 Resp: 639739

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	11.4	9.4	14.2

184 100

185 14.5 13.4 20.2

183 11.4 9.4 14.2

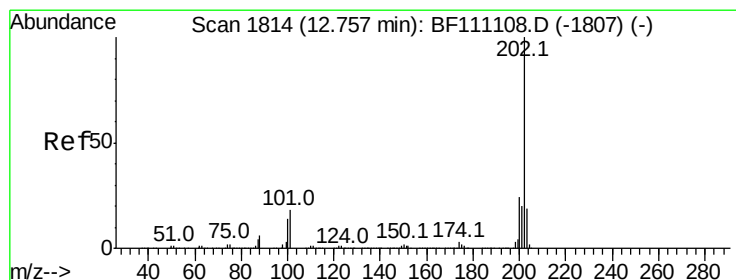
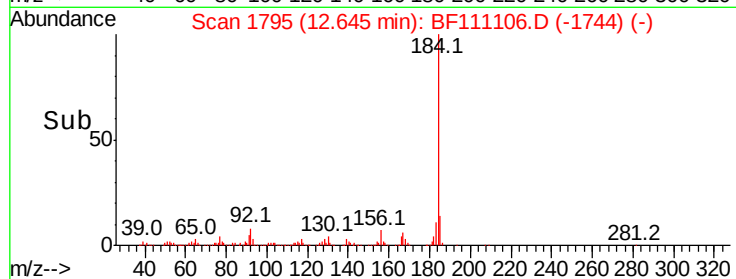
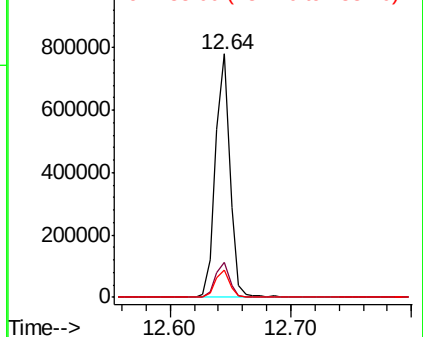


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.854 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

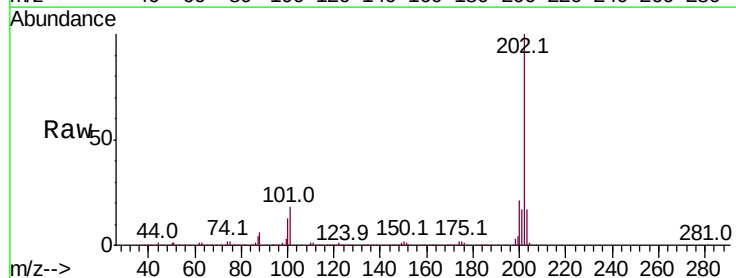
Tgt Ion:202 Resp: 1132982

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.4	14.2	21.4

202 100

200 21.1 17.8 26.6

203 17.4 14.2 21.4

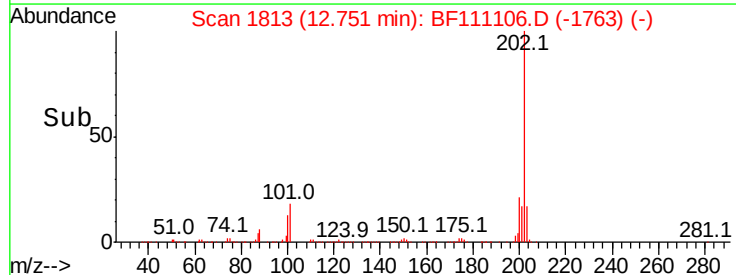
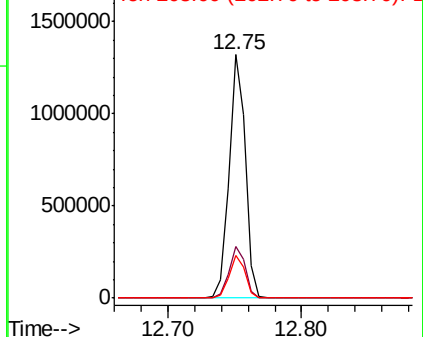


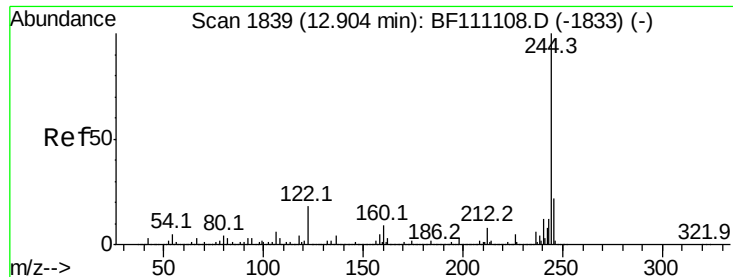
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 20.753 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

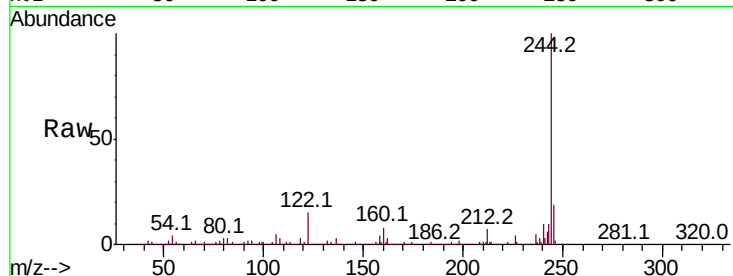
Tot Ion:244 Resp: 1523605

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

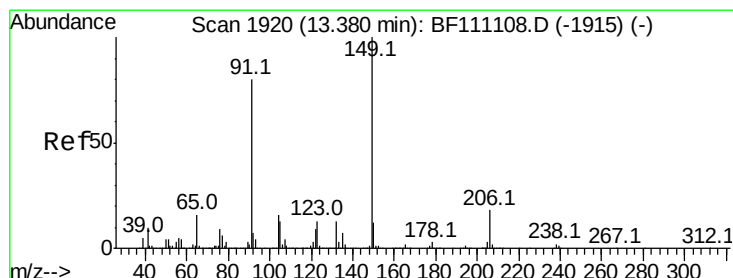
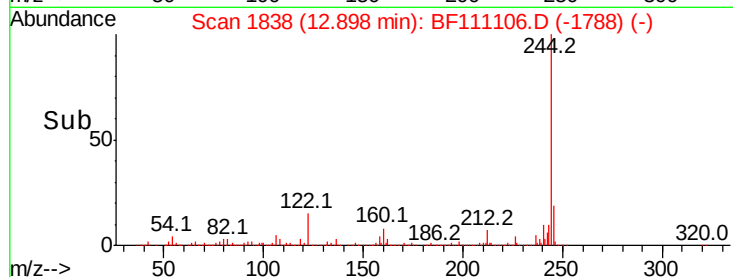
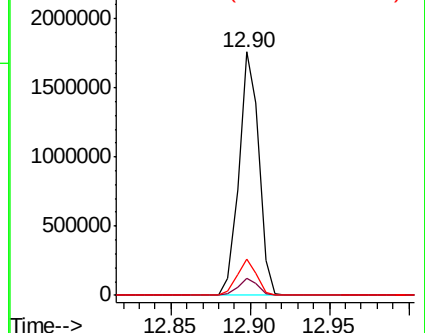
122 15.0 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 10.819 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

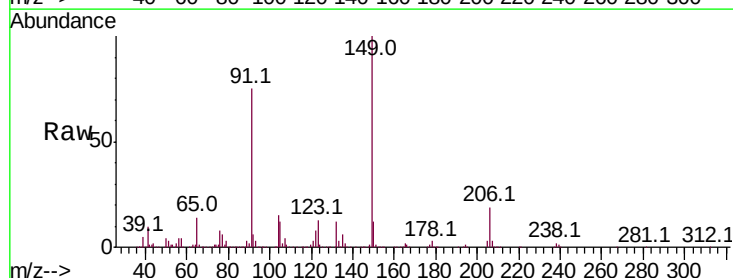
Tgt Ion:149 Resp: 509843

Ion Ratio Lower Upper

149 100

91 75.2 57.2 85.8

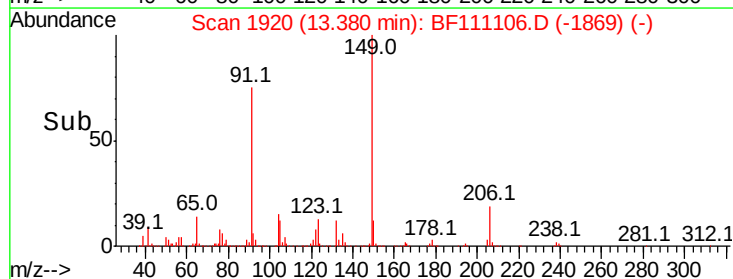
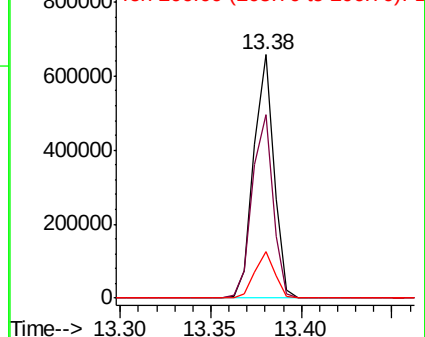
206 19.0 15.7 23.5

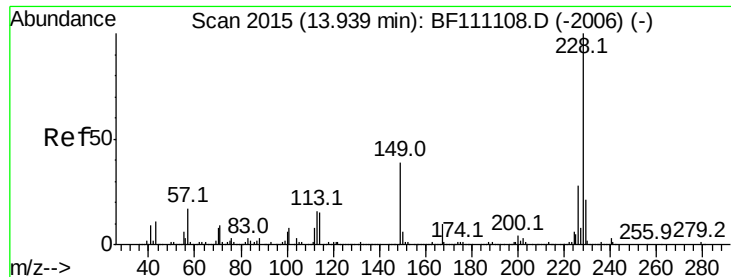


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.677 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

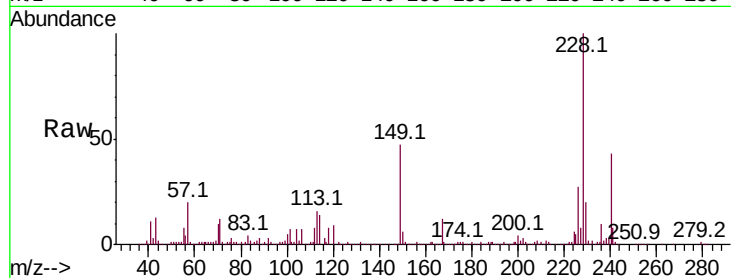
Tot Ion:228 Resp: 900881

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.7	15.6	23.4

228 100

226 27.3 22.1 33.1

229 19.7 15.6 23.4

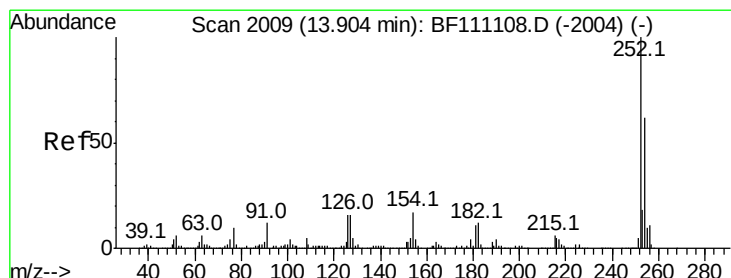
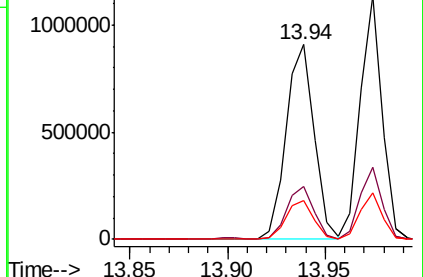
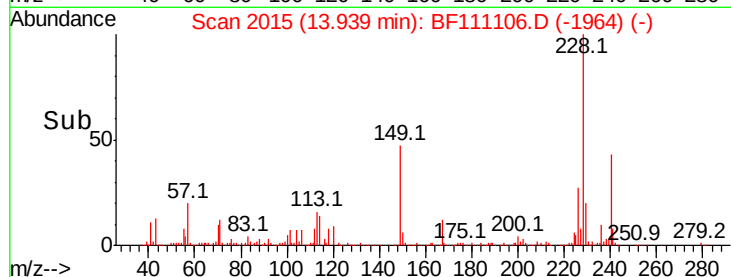


Abundance

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: 11.900 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

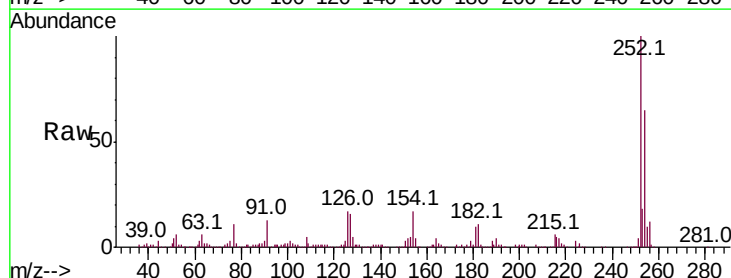
Tgt Ion:252 Resp: 344287

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	17.2	9.4	14.2

252 100

254 64.9 51.3 76.9

126 17.2 9.4 14.2

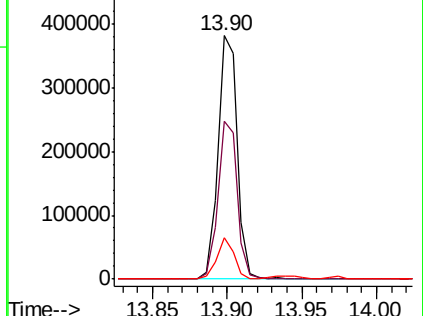
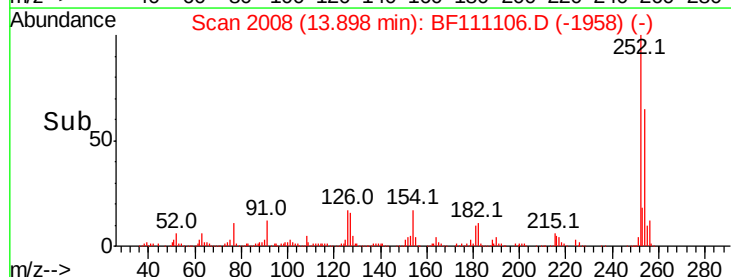


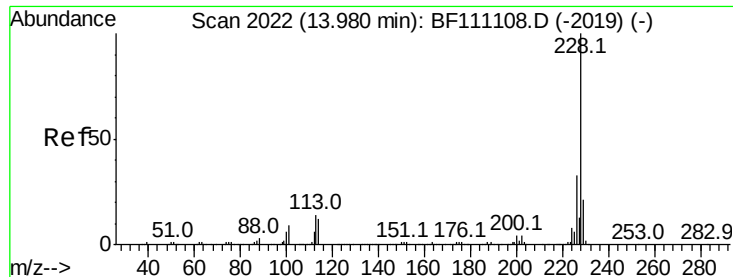
Abundance

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: 10.624 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

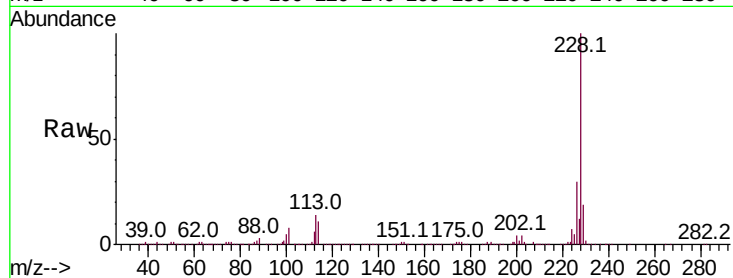
Tot Ion:228 Resp: 882426

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

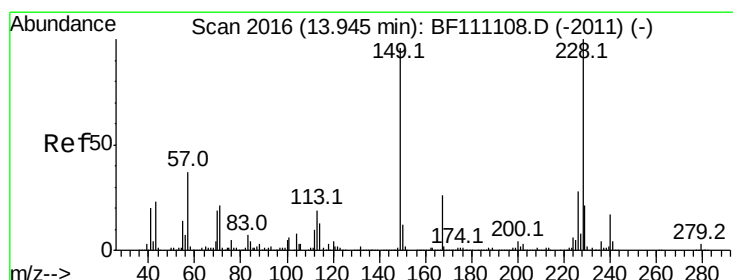
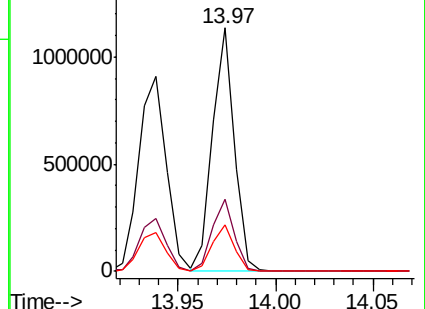
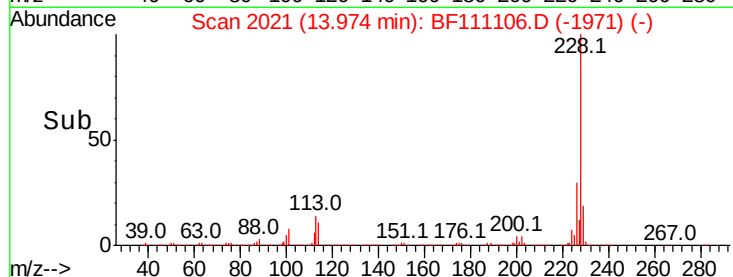
229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.398 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

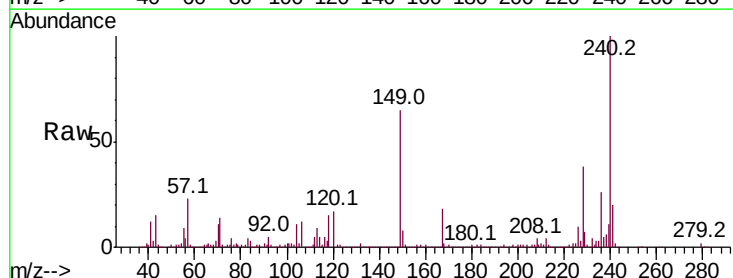
Tgt Ion:149 Resp: 652957

Ion Ratio Lower Upper

149 100

167 27.6 19.8 29.8

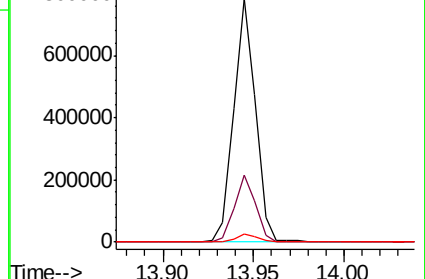
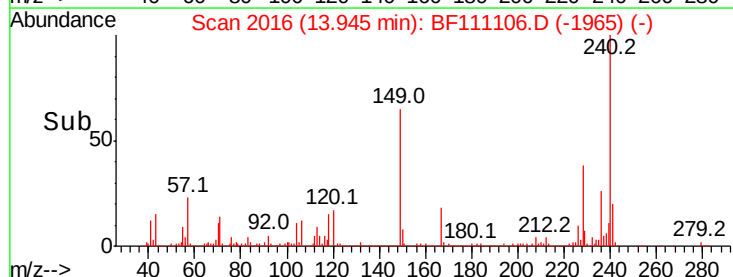
279 3.2 2.7 4.1

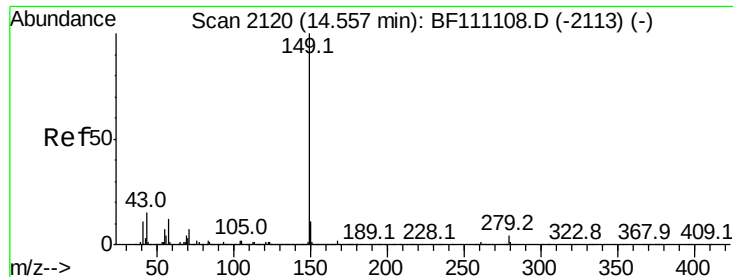


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

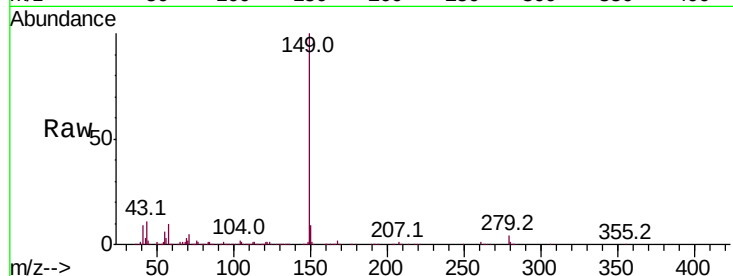




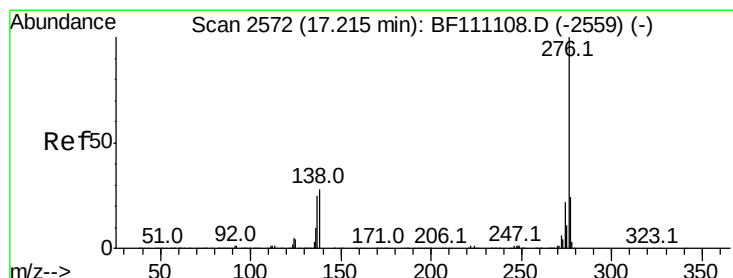
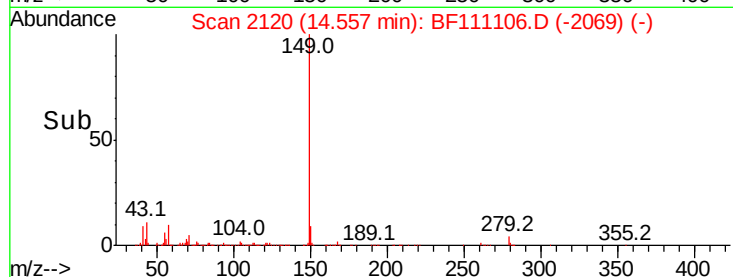
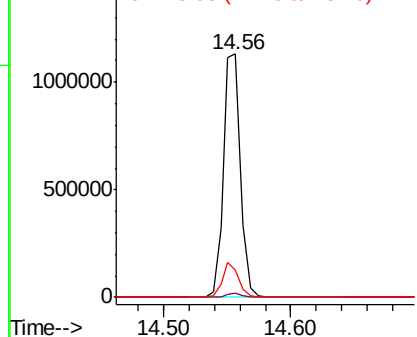
#85
Di-n-octyl phthalate
Concen: 10.707 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1061299
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.4 7.8 11.8#

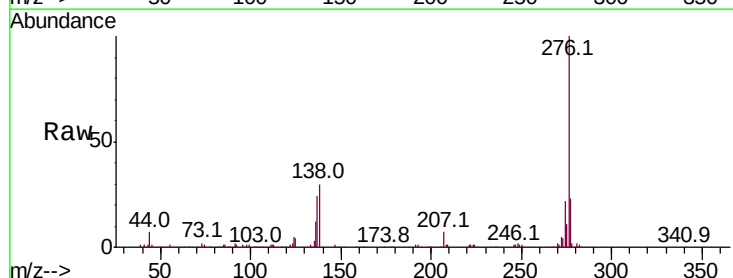


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

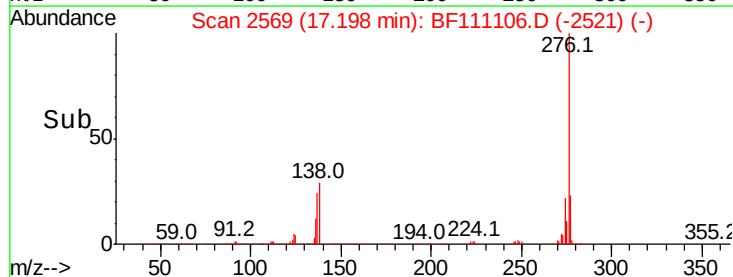
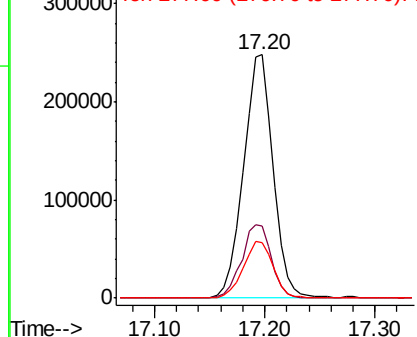


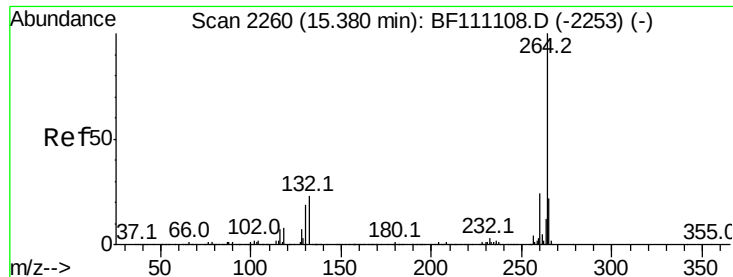
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.840 ng
RT: 17.20 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:276 Resp: 467421
Ion Ratio Lower Upper
276 100
138 30.4 18.5 27.7#
277 23.5 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

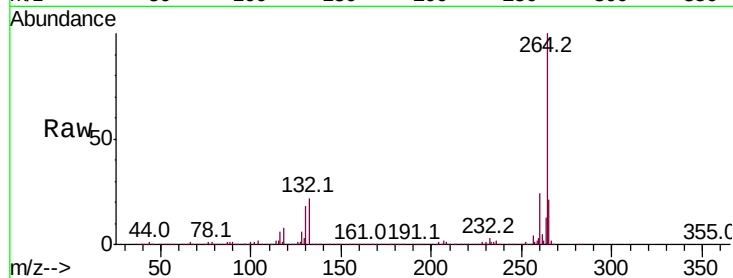
Tot Ion:264 Resp: 1214739

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.2	16.7	25.1

264 100

260 24.0 18.7 28.1

265 21.2 16.7 25.1

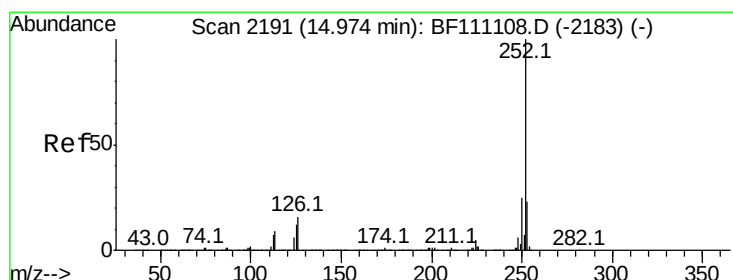
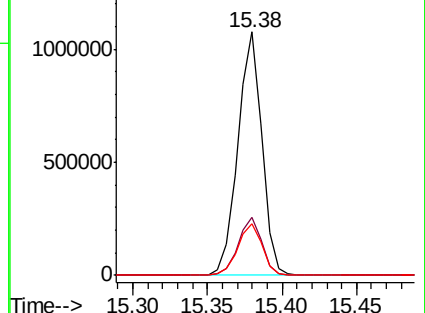
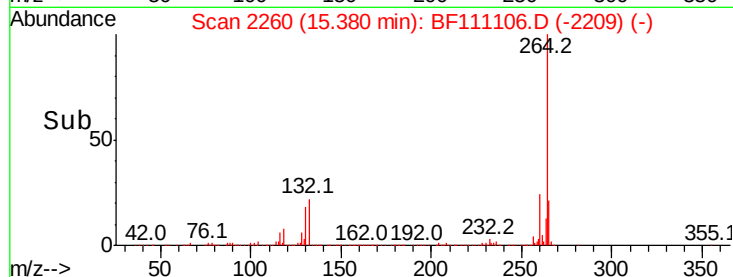


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.518 ng

RT: 14.97 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

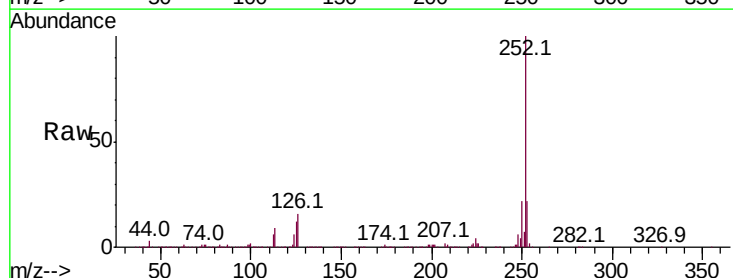
Tgt Ion:252 Resp: 750554

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.2	8.2	12.4

252 100

253 22.0 17.2 25.8

125 12.2 8.2 12.4

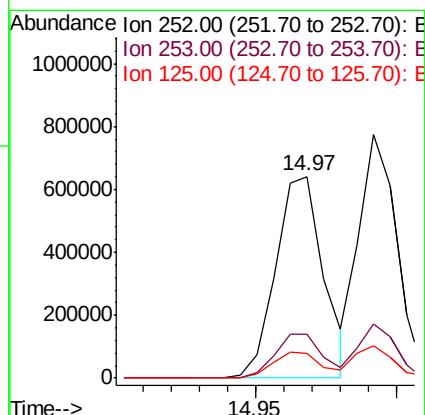
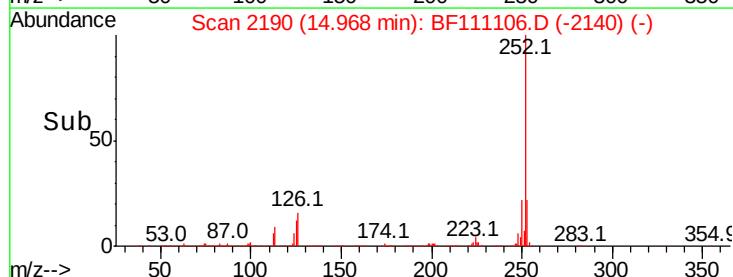


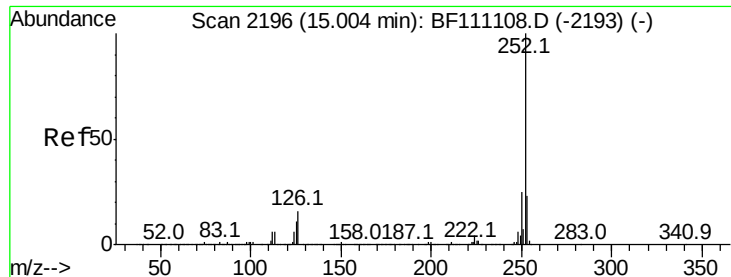
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

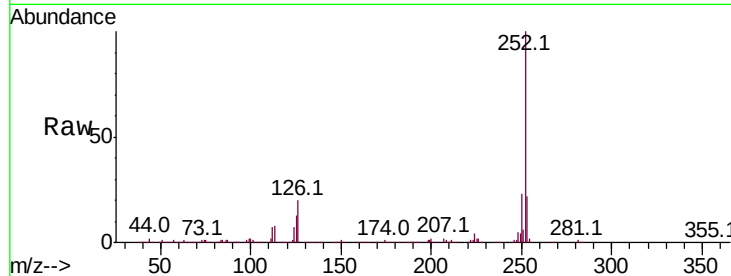




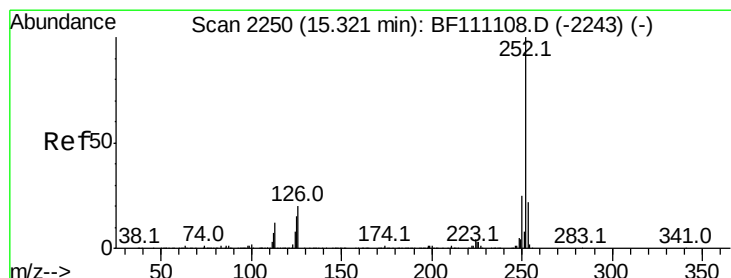
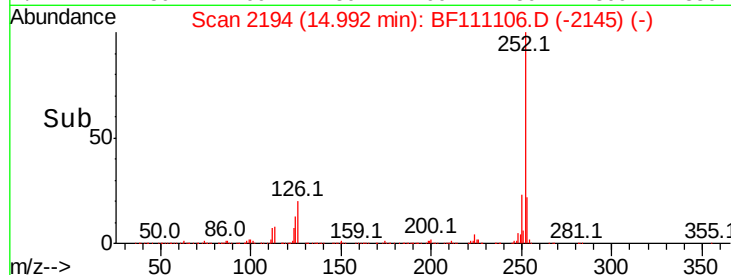
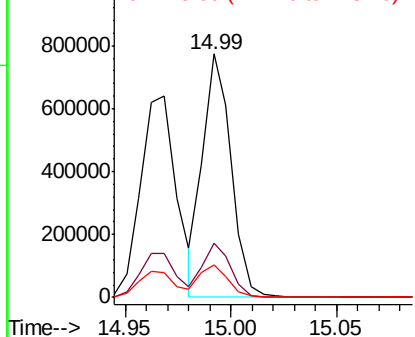
#89
Benzo(k)fluoranthene
Concen: 9.854 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 723752
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.2 7.4 11.0#

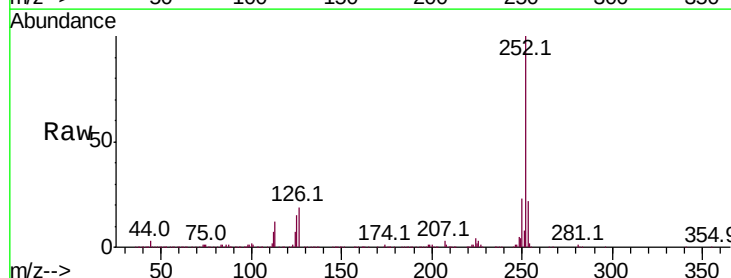


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

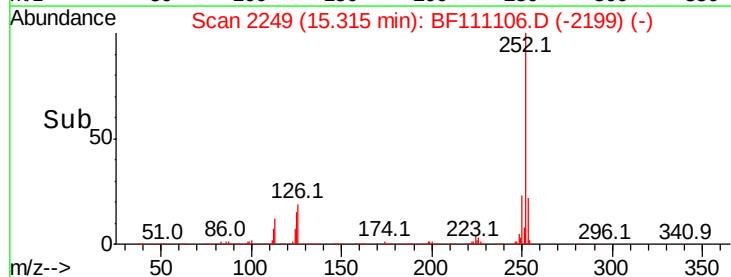
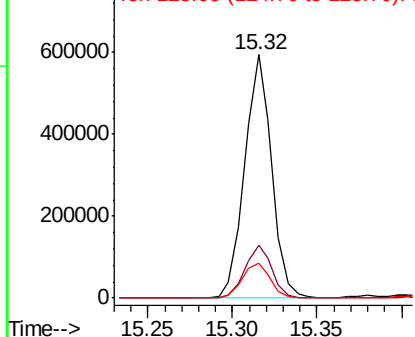


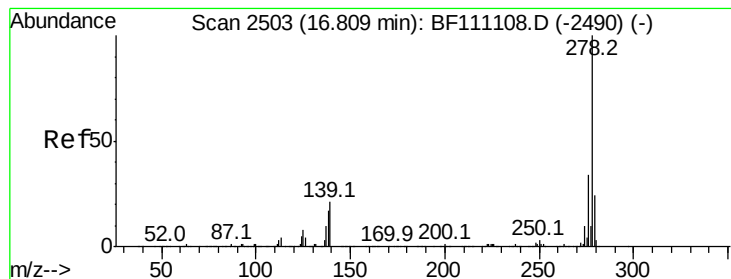
#90
Benzo(a)pyrene
Concen: 9.960 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:252 Resp: 661596
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 14.6 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 8.918 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

Instrument :

BNA_F

ClientSampleId :

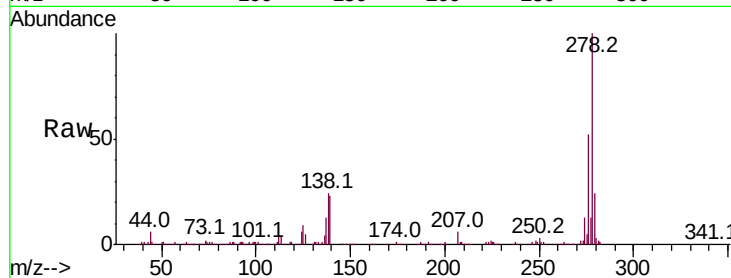
Tot Ion:278 Resp: 488742

Ion Ratio Lower Upper

278 100

139 23.4 12.7 19.1#

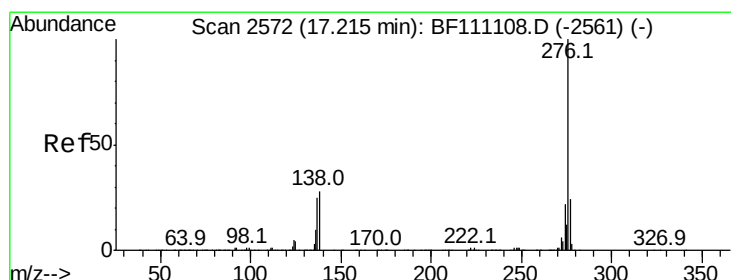
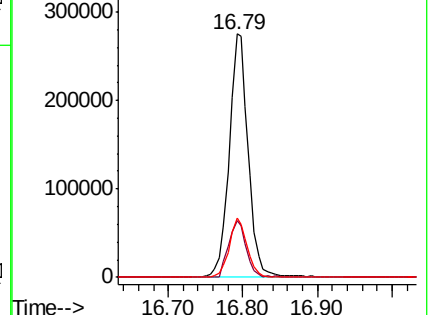
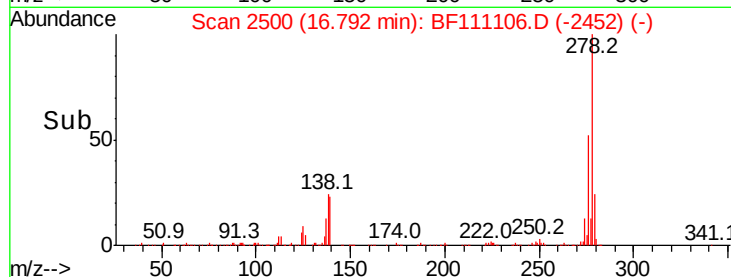
279 24.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.845 ng

RT: 17.20 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF111106.D

Acq: 5 Dec 2018 13:55

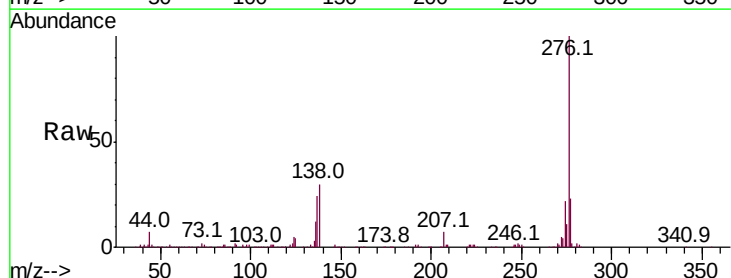
Tgt Ion:276 Resp: 467421

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 29.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

