

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110439.D
 Acq On : 3 Nov 2018 4:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:45:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78355	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	295428	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	116727	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	203439	20.00	ng	0.00
76) Chrysene-d12	14.14	240	139515	20.00	ng	0.00
87) Perylene-d12	15.66	264	104521	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	418378	86.95	ng	0.00
7) Phenol-d6	6.59	99	492026	79.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	430217	86.37	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	89343	77.27	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	730915	98.33	ng	0.00
79) Terphenyl-d14	13.07	244	656190	97.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	107776	42.752	ng	93
3) Pyridine	3.58	79	235345	41.914	ng	87
4) n-Nitrosodimethylamine	3.53	42	100318	42.645	ng	90
6) Aniline	6.62	93	312935	39.033	ng	# 54
8) 2-Chlorophenol	6.75	128	228325	41.159	ng	98
9) Benzaldehyde	6.51	77	146855	41.550	ng	99
10) Phenol	6.60	94	285357	43.376	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	216555	40.011	ng	97
12) 1,3-Dichlorobenzene	6.90	146	251854	41.255	ng	98
13) 1,4-Dichlorobenzene	6.97	146	253582	41.071	ng	99
14) 1,2-Dichlorobenzene	7.13	146	235577	41.101	ng	99
15) Benzyl Alcohol	7.10	79	182772	38.612	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	335817	38.806	ng	69
17) 2-Methylphenol	7.20	107	171381	38.765	ng	# 81
18) Hexachloroethane	7.46	117	68320	30.224	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	149097	37.762	ng	94
20) 3+4-Methylphenols	7.36	107	218410	38.219	ng	95
22) Acetophenone	7.37	105	299368	43.977	ng	98
24) Nitrobenzene	7.54	77	220872	42.952	ng	99
25) Isophorone	7.77	82	334136	39.355	ng	97
26) 2-Nitrophenol	7.86	139	80620	32.946	ng	92
27) 2,4-Dimethylphenol	7.89	122	164155	40.461	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	241136	41.807	ng	98
29) 2,4-Dichlorophenol	8.10	162	161136	39.313	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	190574	41.509	ng	96
31) Naphthalene	8.26	128	556978	40.906	ng	99
32) Benzoic acid	7.99	122	43445	13.855	ng	87
33) 4-Chloroaniline	8.31	127	232703	37.974	ng	99
34) Hexachlorobutadiene	8.37	225	110427	43.318	ng	99
35) Caprolactam	8.68	113	48286	33.799	ng	# 87
36) 4-Chloro-3-methylphenol	8.79	107	160370	36.182	ng	96
37) 2-Methylnaphthalene	8.95	142	341286	37.884	ng	97
38) 1-Methylnaphthalene	9.05	142	324200	37.240	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	164451	45.217	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110439.D
 Acq On : 3 Nov 2018 4:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

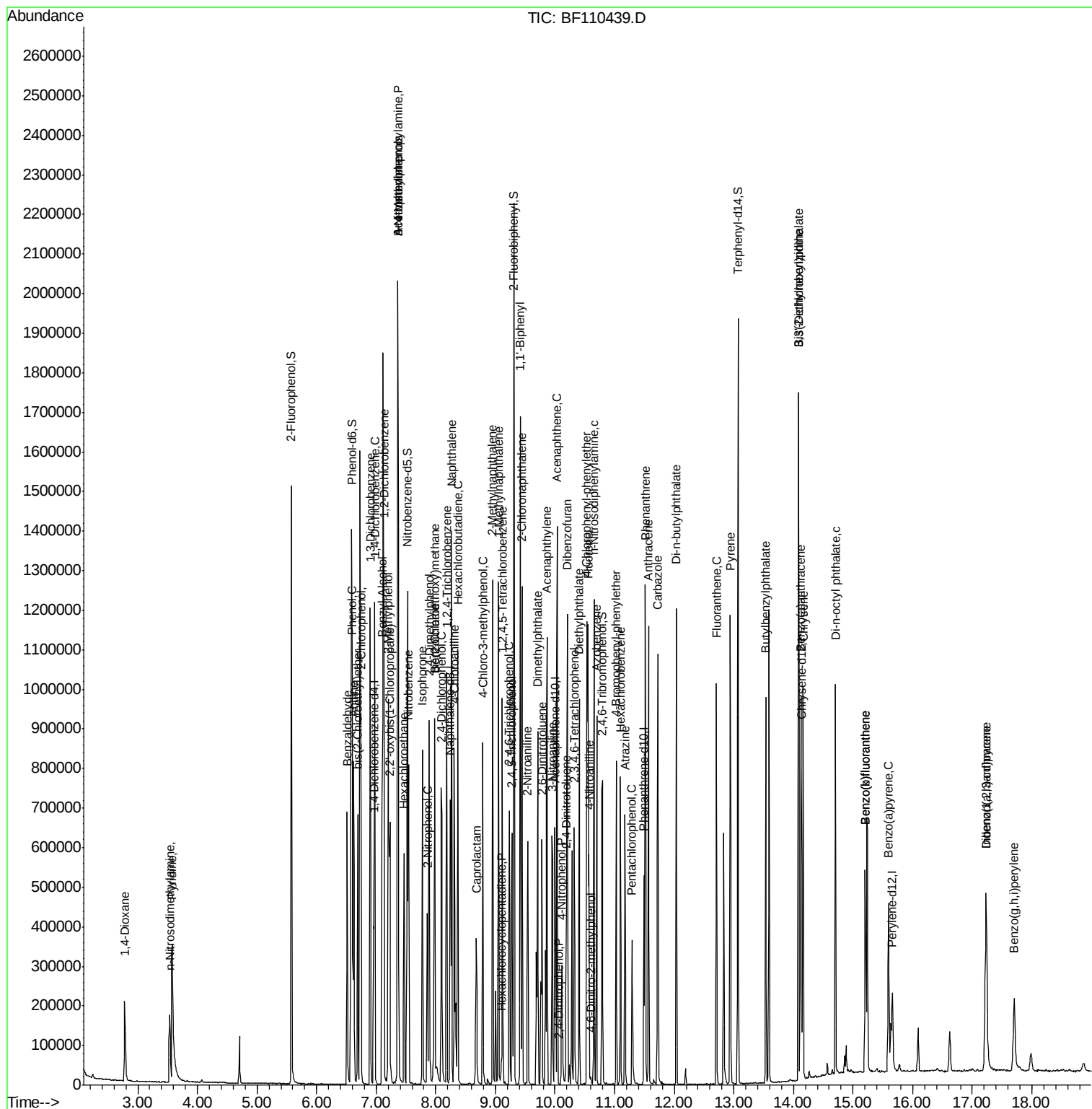
Instrument :
 BNA_F
 ClientSampleId :

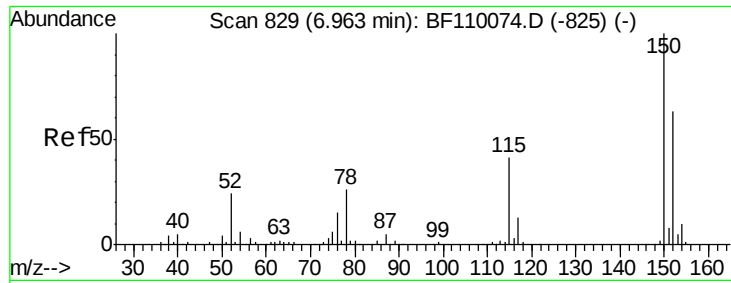
Quant Time: Nov 03 04:45:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	6157	3.311	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	99128	42.257	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	98319	39.651	nq	96
46) 1,1'-Biphenyl	9.42	154	478079	45.292	nq	99
47) 2-Chloronaphthalene	9.45	162	330914	42.738	nq	99
48) 2-Nitroaniline	9.54	65	108490	46.238	nq	95
49) Acenaphthylene	9.86	152	461329	41.251	nq	98
50) Dimethylphthalate	9.71	163	377492	43.810	nq	99
51) 2,6-Dinitrotoluene	9.78	165	66537	35.849	nq	90
52) Acenaphthene	10.03	154	289767	39.167	nq	97
53) 3-Nitroaniline	9.96	138	100704	45.626	nq	83
54) 2,4-Dinitrophenol	10.07	184	339	5.605	nq	# 55
55) Dibenzofuran	10.20	168	415686	40.131	nq	98
56) 4-Nitrophenol	10.11	139	53349	32.658	nq	95
57) 2,4-Dinitrotoluene	10.19	165	76108	32.283	nq	90
58) Fluorene	10.55	166	309782	40.184	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	73712	36.471	nq	93
60) Diethylphthalate	10.40	149	357008	42.445	nq	98
61) 4-Chlorophenyl-phenylether	10.53	204	167251	41.126	nq	98
62) 4-Nitroaniline	10.57	138	98836	45.023	nq	93
63) Azobenzene	10.70	77	324777	38.900	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	1759	1.893	nq	# 79
66) n-Nitrosodiphenylamine	10.65	169	290985	43.608	nq	96
67) 4-Bromophenyl-phenylether	11.03	248	93328	42.293	nq	96
68) Hexachlorobenzene	11.10	284	96758	41.325	nq	95
69) Atrazine	11.17	200	72046	34.165	nq	99
70) Pentachlorophenol	11.29	266	45781	33.532	nq	98
71) Phenanthrene	11.52	178	442270	41.548	nq	99
72) Anthracene	11.57	178	455911	42.729	nq	99
73) Carbazole	11.72	167	441708	42.399	nq	100
74) Di-n-butylphthalate	12.03	149	535111	45.480	nq	99
75) Fluoranthene	12.71	202	448354	41.501	nq	97
77) Benzidine	12.83	184	259553	Below	Cal	98
78) Pyrene	12.94	202	456318	45.623	nq	98
80) Butylbenzylphthalate	13.54	149	215137	49.556	nq	95
81) Benzo(a)anthracene	14.13	228	337885	40.839	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	134616	46.726	nq	98
83) Chrysene	14.16	228	325269	41.392	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	292036	49.763	nq	98
85) Di-n-octyl phthalate	14.70	149	447574	49.048	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	233713	35.850	nq	97
88) Benzo(b)fluoranthene	15.20	252	253796	42.049	nq	97
89) Benzo(k)fluoranthene	15.20	252	253796	42.772	nq	96
90) Benzo(a)pyrene	15.60	252	228126	41.075	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	196469	40.998	nq	99
92) Benzo(g,h,i)perylene	17.70	276	179268	37.963	nq	98

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

Quant Time: Nov 03 04:45:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



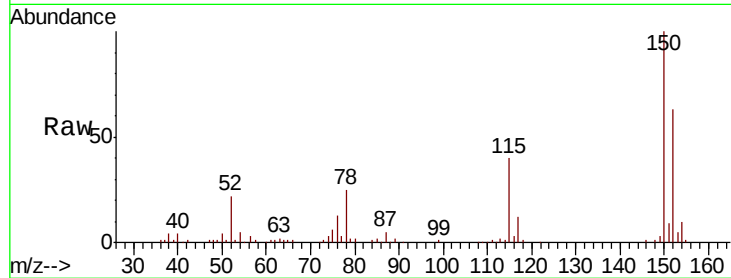


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	63.4	49.1	73.7

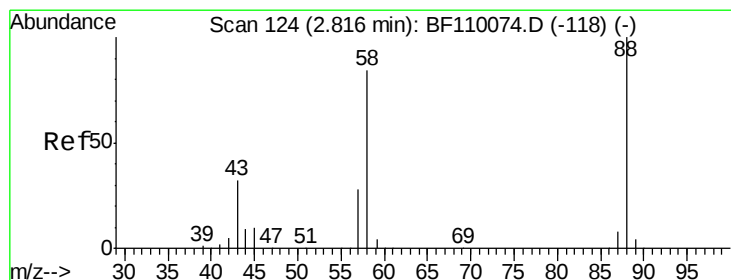
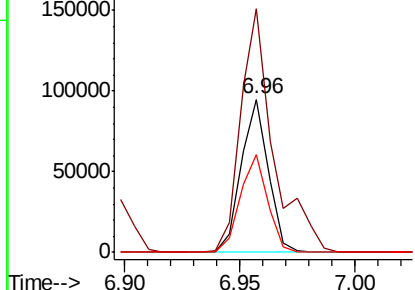
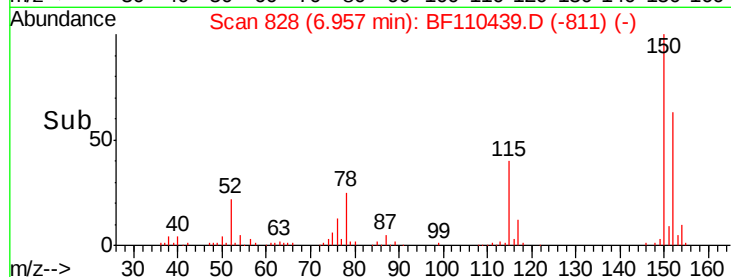


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

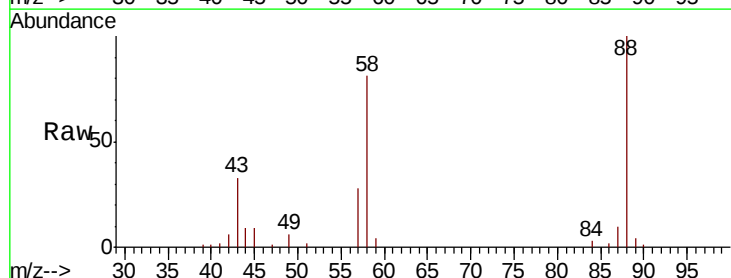
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.752 ng
RT: 2.78 min Scan# 118
Delta R.T. -0.02 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.1	57.1	85.7
43	32.2	24.1	36.1

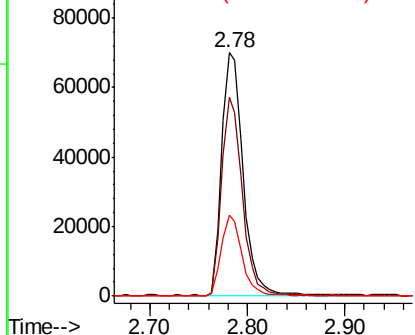
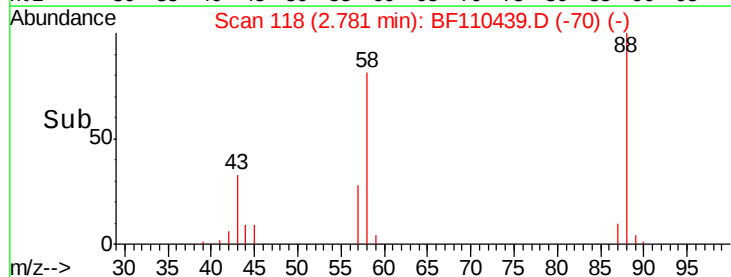


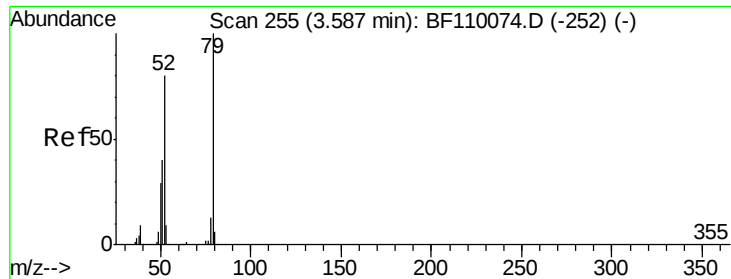
Abundance

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: 41.914 ng

RT: 3.58 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampled :

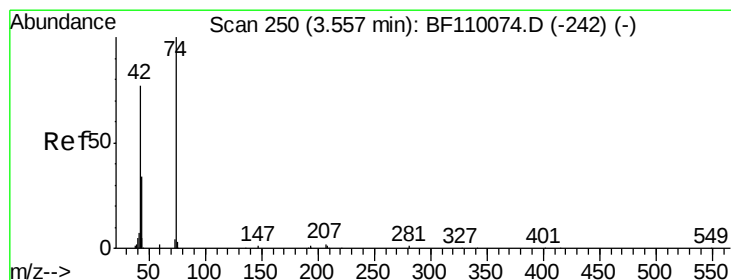
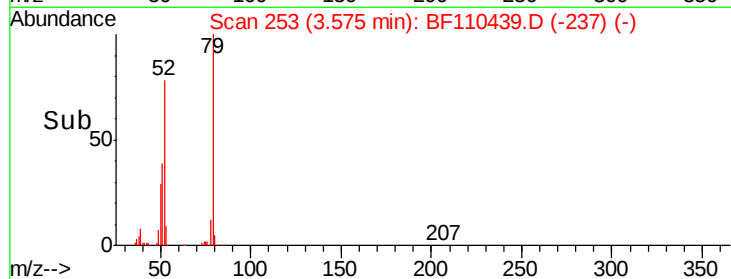
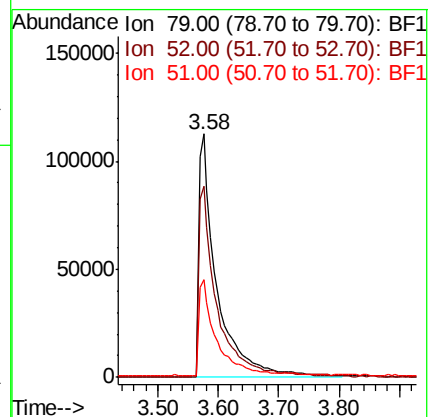
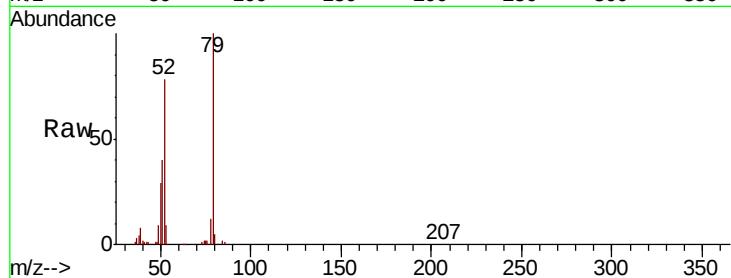
Tot Ion: 79 Resp: 235345

Ion Ratio Lower Upper

79 100

52 78.4 53.1 79.7

51 40.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 42.645 ng

RT: 3.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

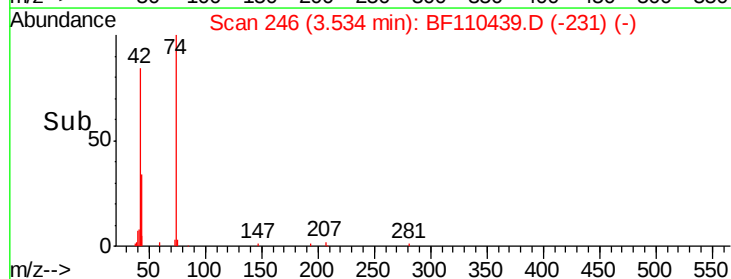
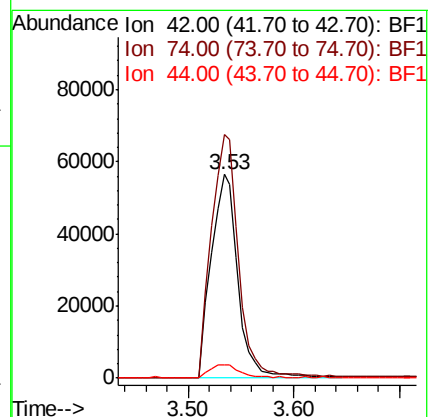
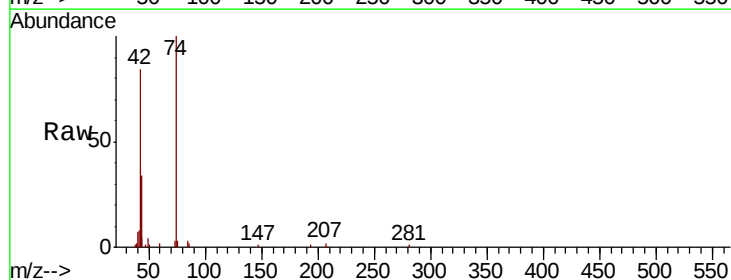
Tgt Ion: 42 Resp: 100318

Ion Ratio Lower Upper

42 100

74 119.4 105.5 158.3

44 6.4 4.9 7.3





#5

2-Fluorophenol

Concen: 86.951 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampled :

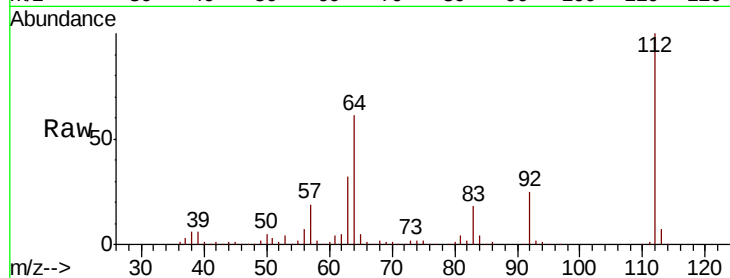
Tot Ion:112 Resp: 418378

Ion Ratio Lower Upper

112 100

64 60.8 44.1 66.1

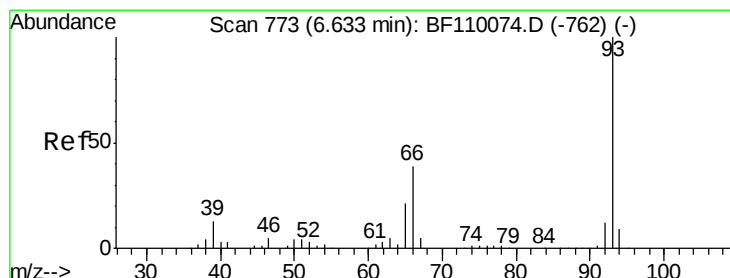
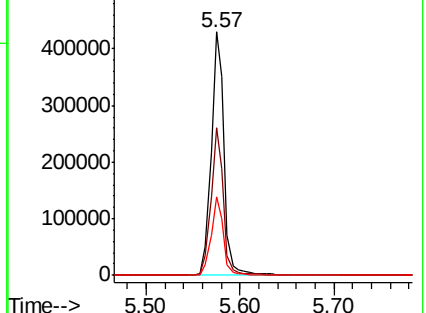
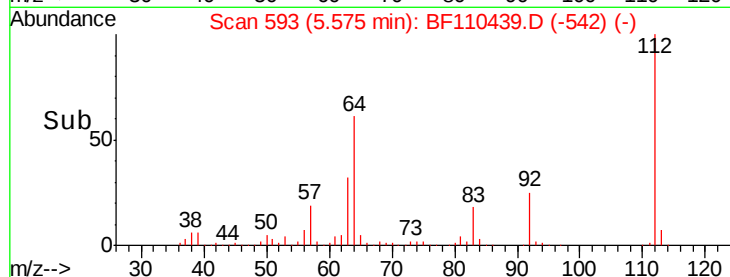
63 32.2 23.7 35.5



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: 39.033 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

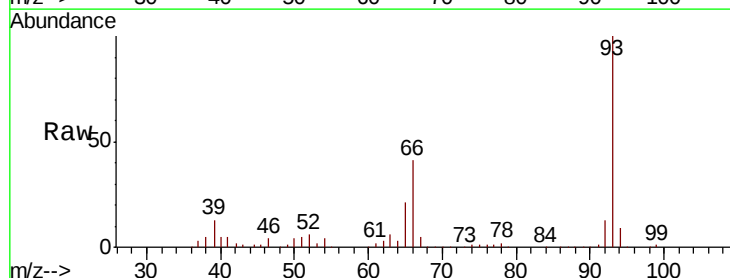
Tgt Ion: 93 Resp: 312935

Ion Ratio Lower Upper

93 100

66 41.2 67.4 101.0#

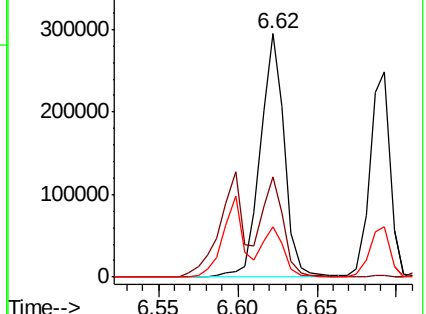
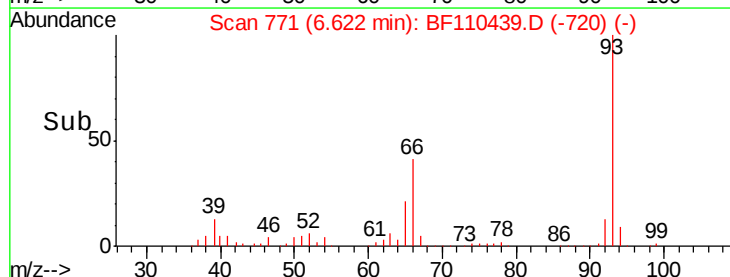
65 20.7 41.0 61.4#

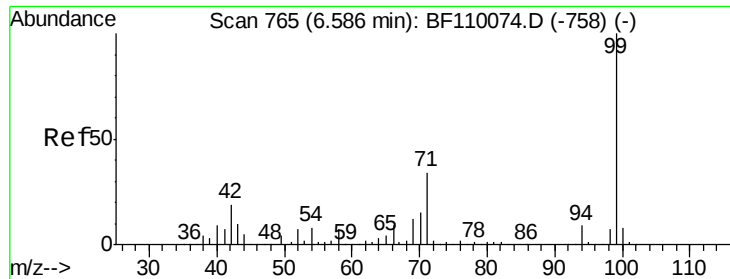


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.947 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampled :

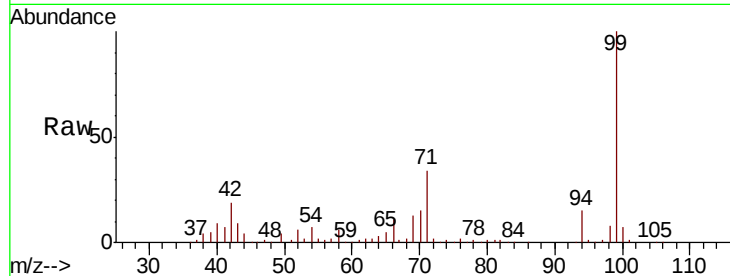
Tot Ion: 99 Resp: 492026

Ion Ratio Lower Upper

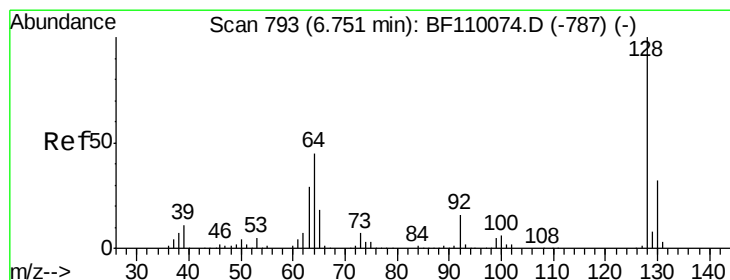
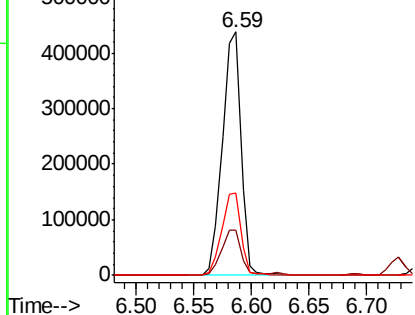
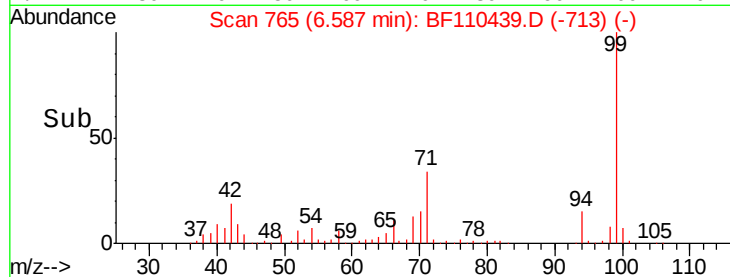
99 100

42 18.6 15.8 23.6

71 33.7 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: 41.159 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

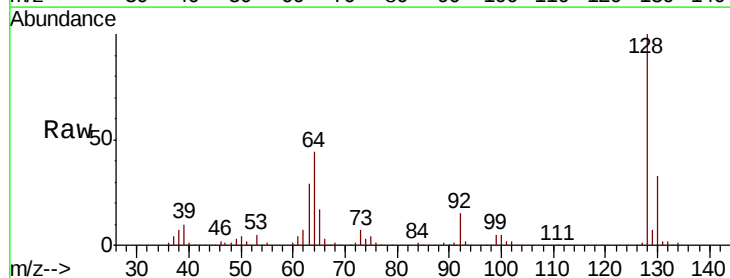
Tgt Ion: 128 Resp: 228325

Ion Ratio Lower Upper

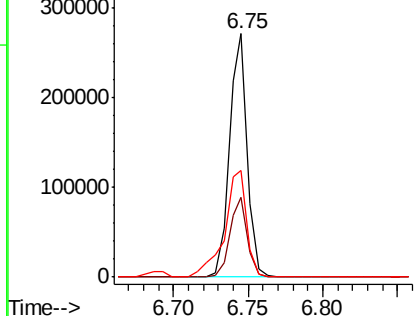
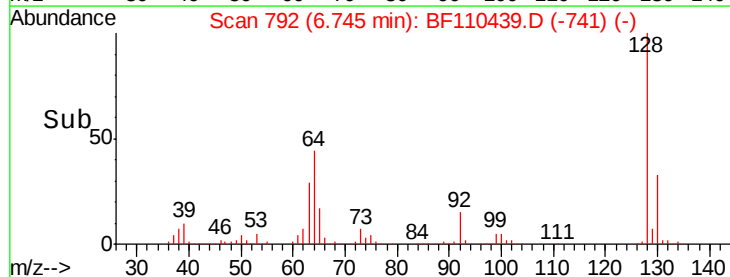
128 100

130 32.9 13.1 53.1

64 44.0 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: 41.550 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

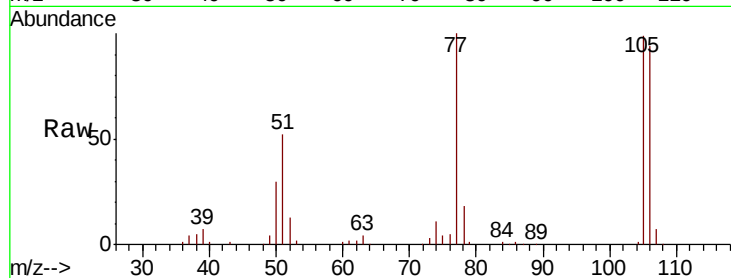
Tot Ion: 77 Resp: 146855

Ion Ratio Lower Upper

77 100

105 99.4 78.6 118.6

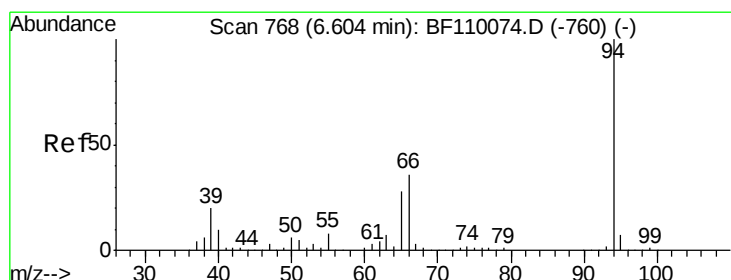
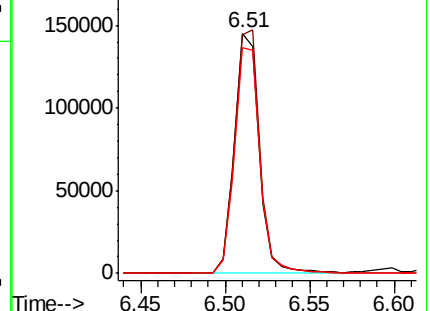
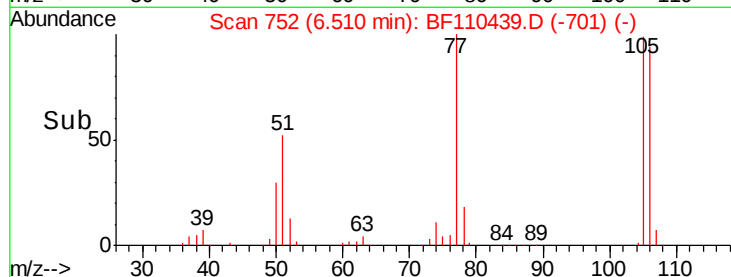
106 93.9 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.376 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

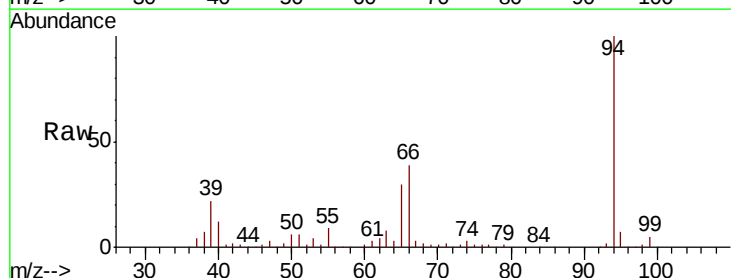
Tgt Ion: 94 Resp: 285357

Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

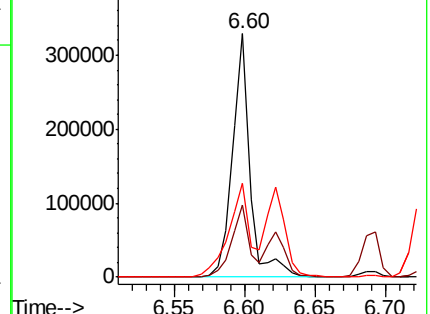
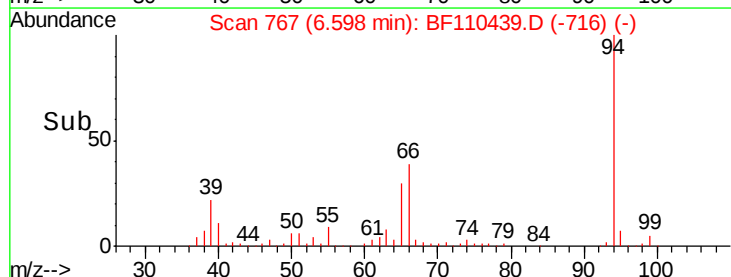
66 38.7 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

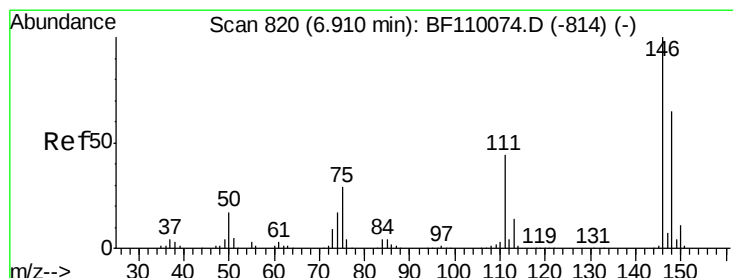
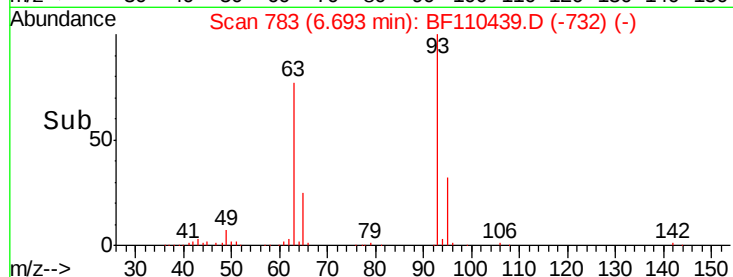
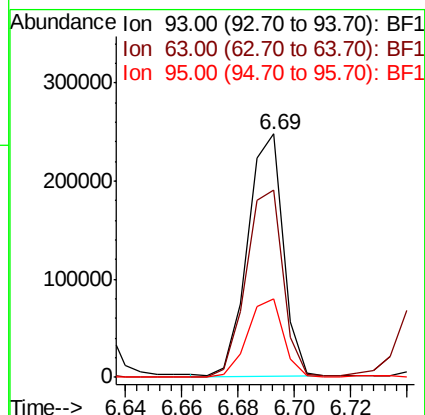
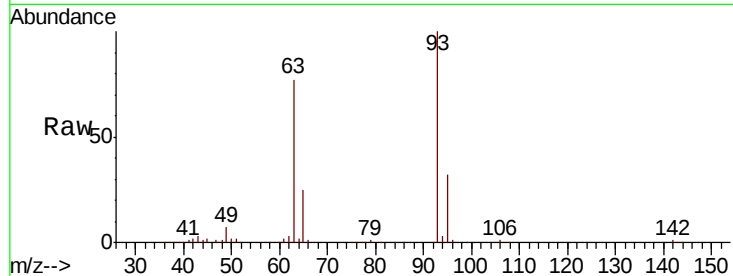




#11
 bis(2-Chloroethyl)ether
 Concen: 40.011 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

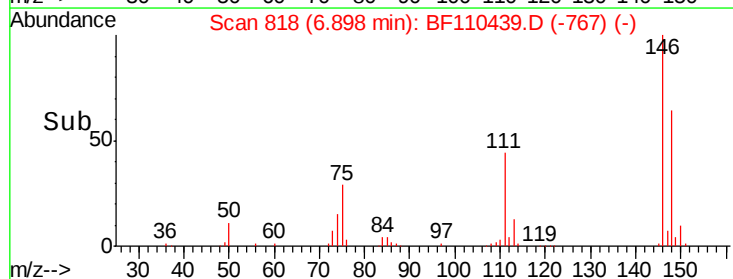
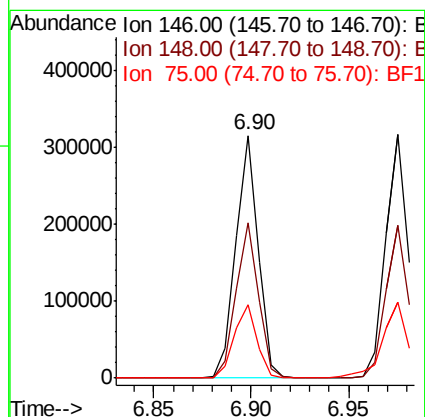
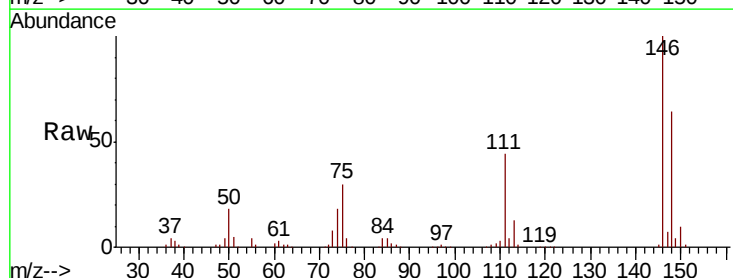
Instrument :
 BNA_F
 ClientSampleId :

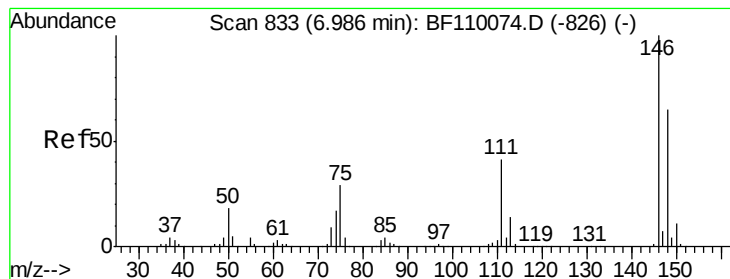
Tot Ion: 93 Resp: 216555
 Ion Ratio Lower Upper
 93 100
 63 76.9 53.4 93.4
 95 32.0 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 41.255 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion: 146 Resp: 251854
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 75 30.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.071 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

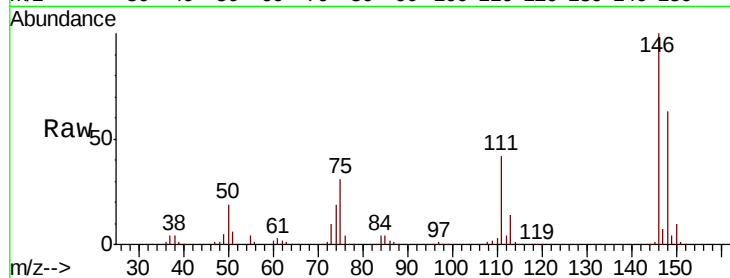
Tot Ion:146 Resp: 253582

Ion Ratio Lower Upper

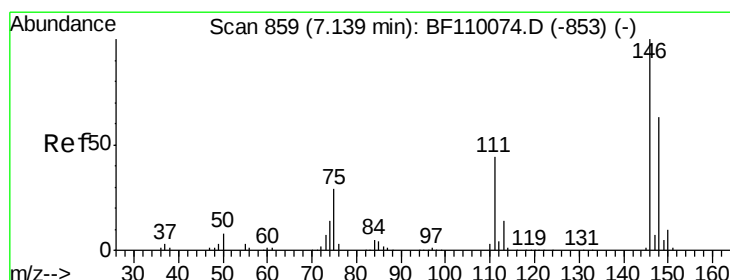
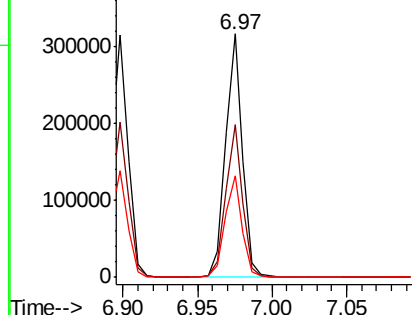
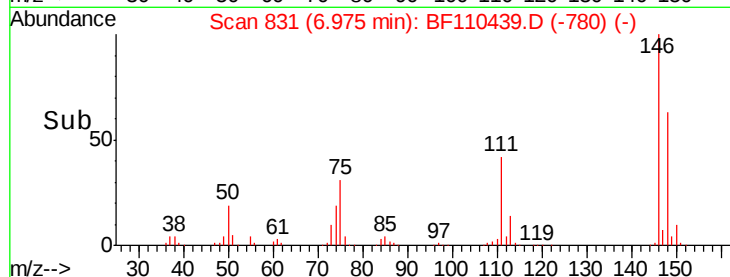
146 100

148 62.9 50.3 75.5

111 41.8 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: 41.101 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

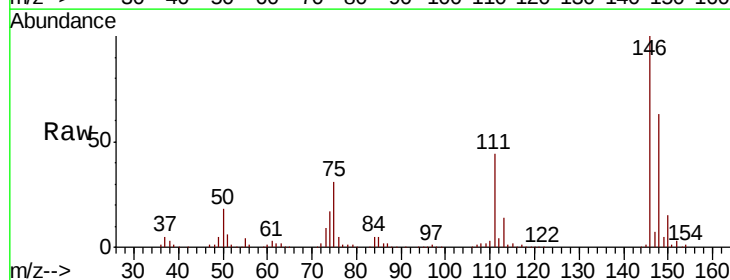
Tgt Ion:146 Resp: 235577

Ion Ratio Lower Upper

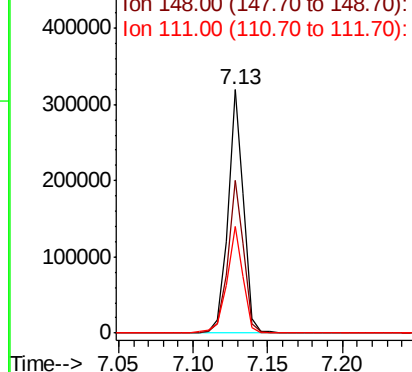
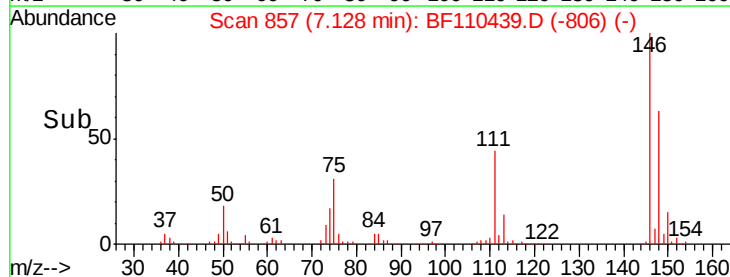
146 100

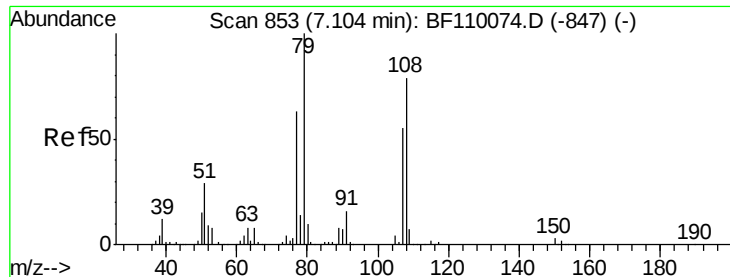
148 63.0 51.1 76.7

111 44.0 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: 38.612 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

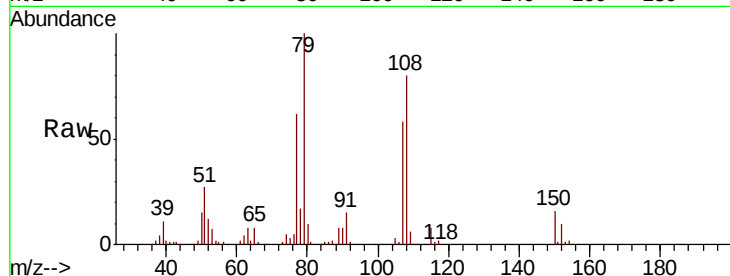
Tot Ion: 79 Resp: 182772

Ion Ratio Lower Upper

79 100

108 79.8 56.3 84.5

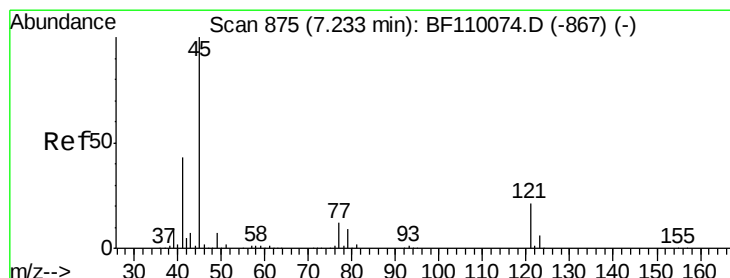
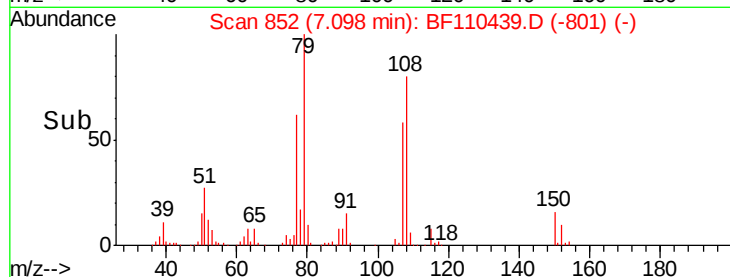
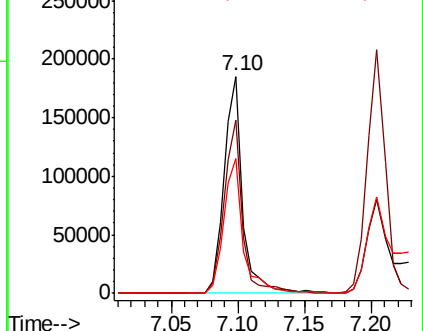
77 62.0 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.806 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

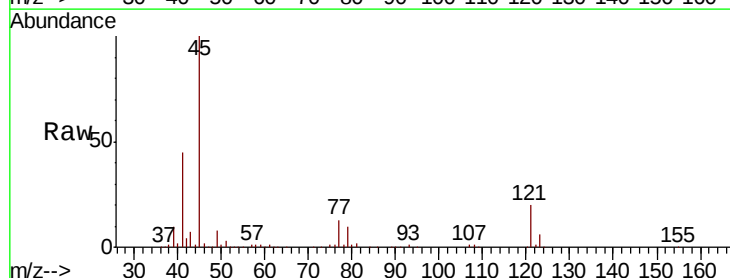
Tgt Ion: 45 Resp: 335817

Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

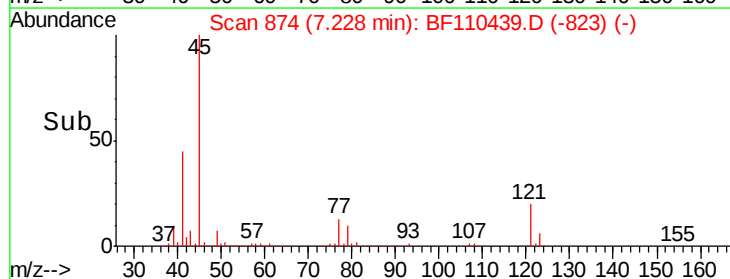
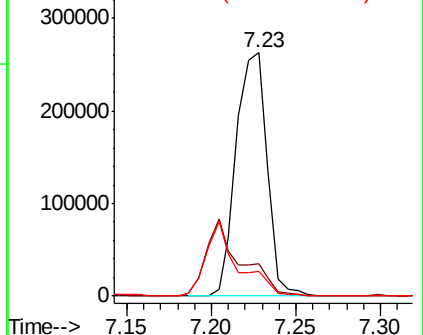
79 10.3 6.1 46.1

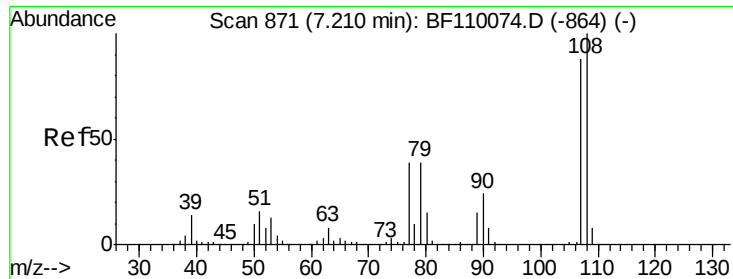


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

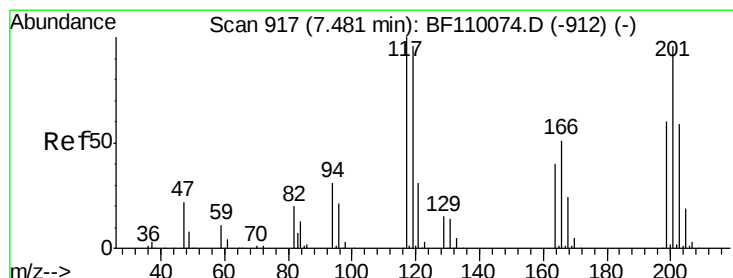
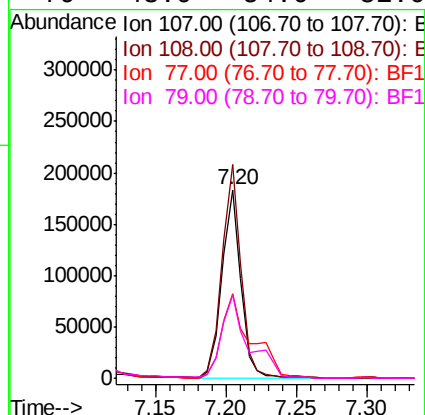
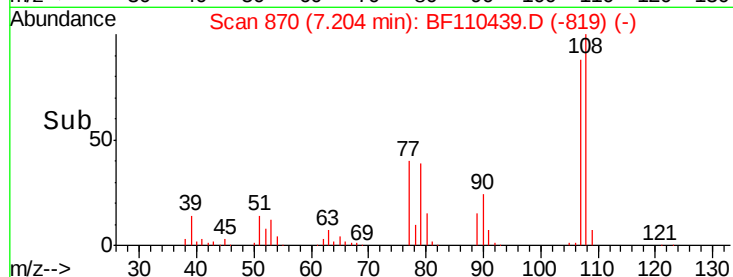
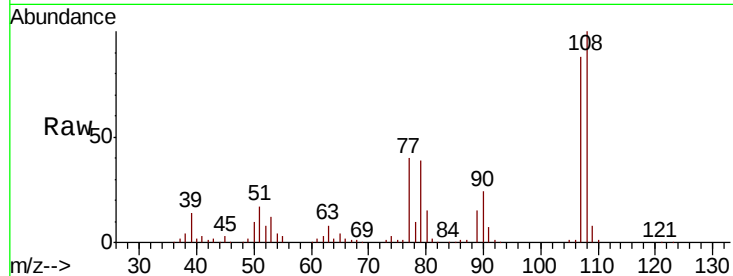




#17
2-Methylphenol
Concen: 38.765 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

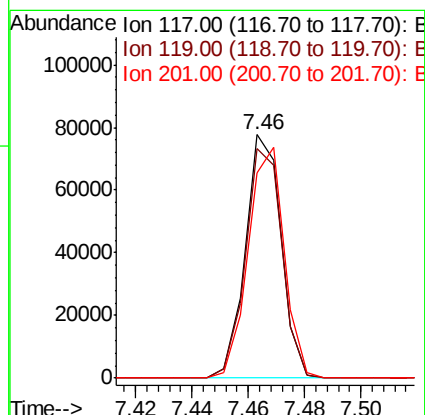
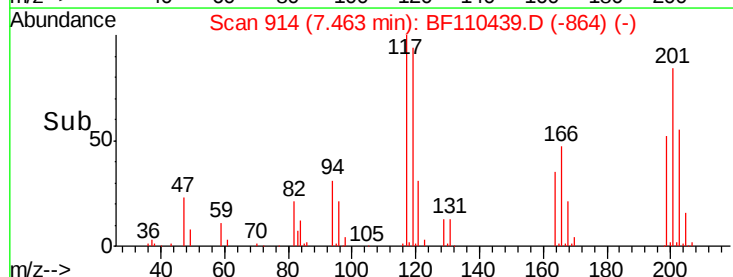
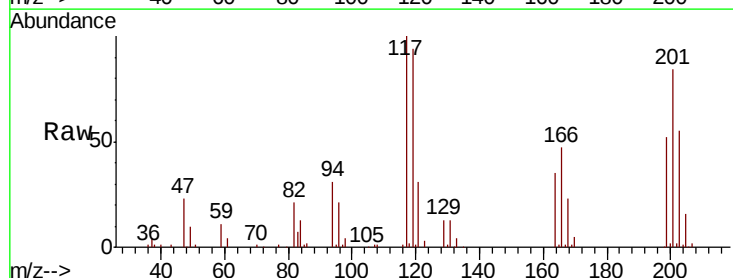
Instrument :
BNA_F
ClientSampleId :

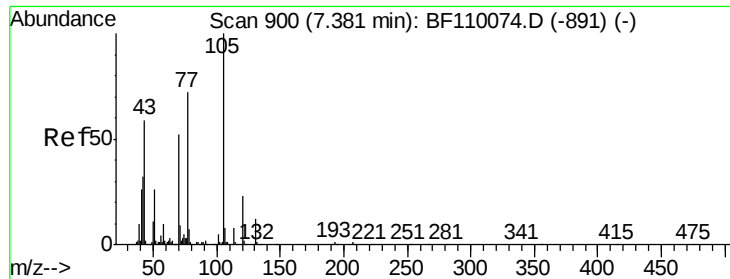
Tot Ion:107 Resp: 171381
Ion Ratio Lower Upper
107 100
108 113.4 92.6 138.8
77 45.2 59.4 89.2#
79 43.9 54.0 81.0#



#18
Hexachloroethane
Concen: 30.224 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:117 Resp: 68320
Ion Ratio Lower Upper
117 100
119 94.4 75.0 112.6
201 84.1 79.2 118.8

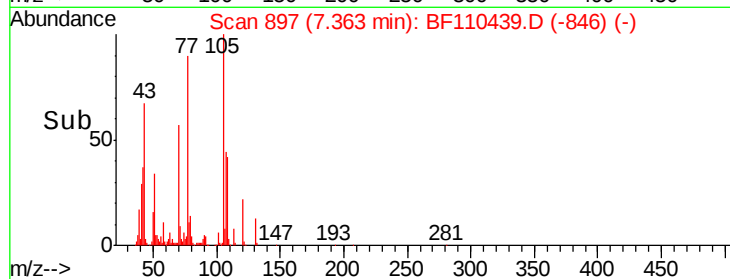
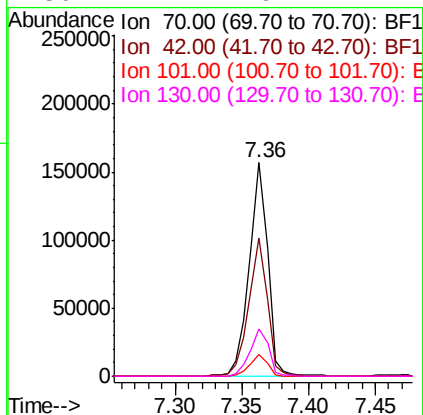
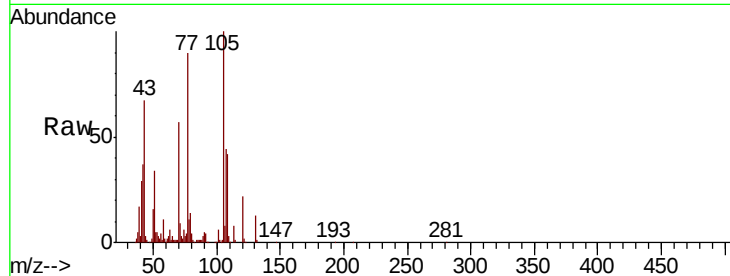




#19
n-Nitroso-di-n-propylamine
Concen: 37.762 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

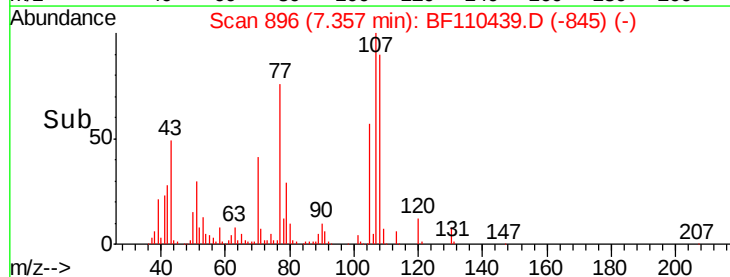
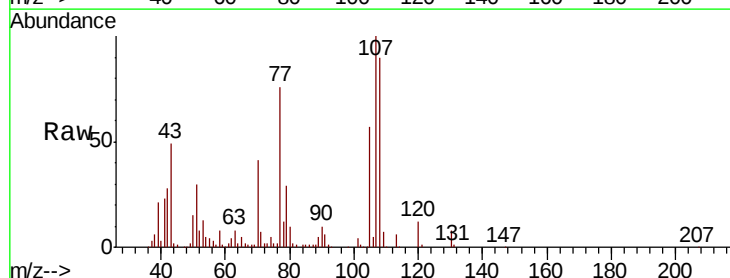
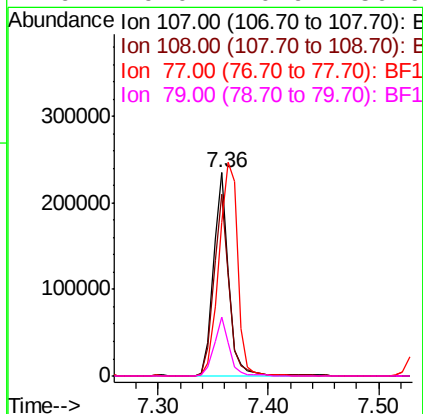
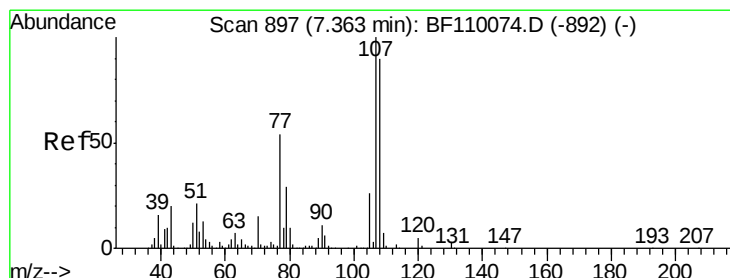
Instrument :
BNA_F
ClientSampled :

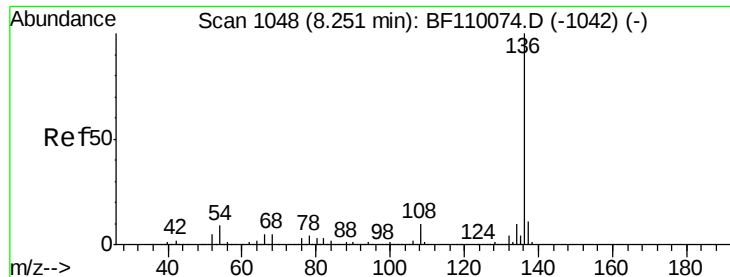
Tot Ion:	70	Resp:	149097
Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.9	7.3	10.9
130	22.1	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.219 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:	107	Resp:	218410
Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	76.0	47.3	87.3
79	29.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 295428

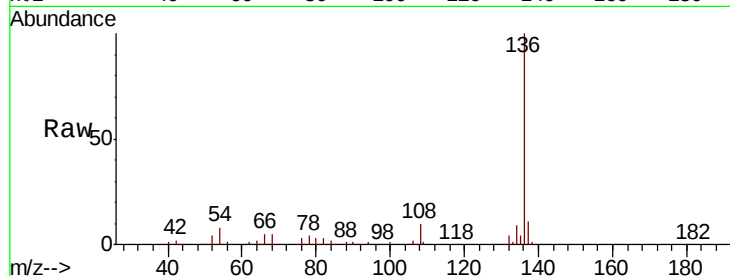
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.6 5.4 8.2

68 4.8 4.2 6.2

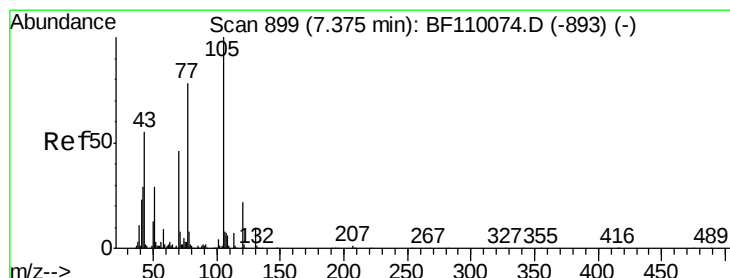
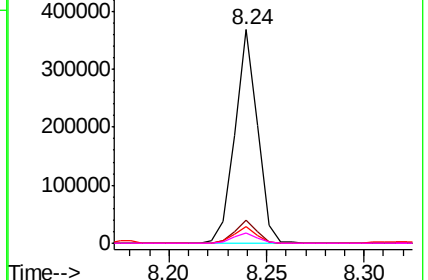
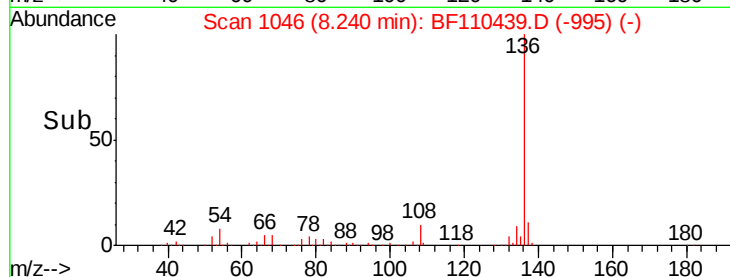


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.977 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:105 Resp: 299368

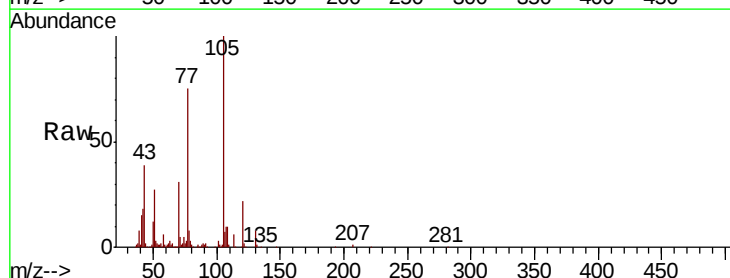
Ion Ratio Lower Upper

105 100

71 5.3 5.2 7.8

51 26.8 21.8 32.8

120 22.1 17.0 25.4

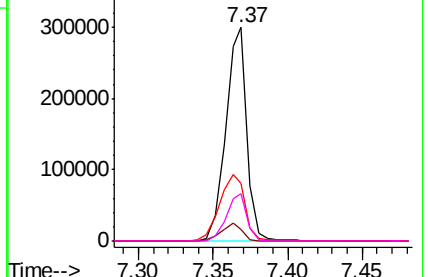
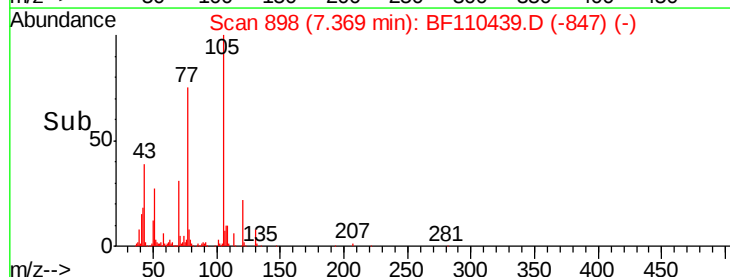


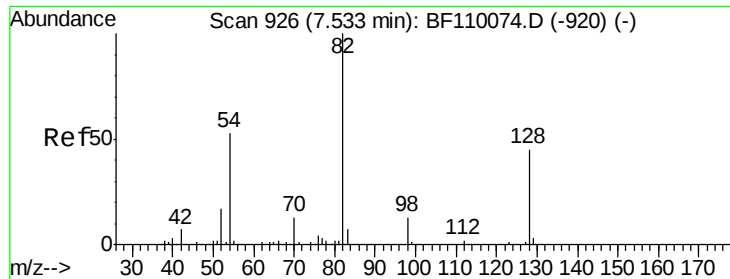
Abundance Ion 105.00 (104.70 to 105.70): E

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

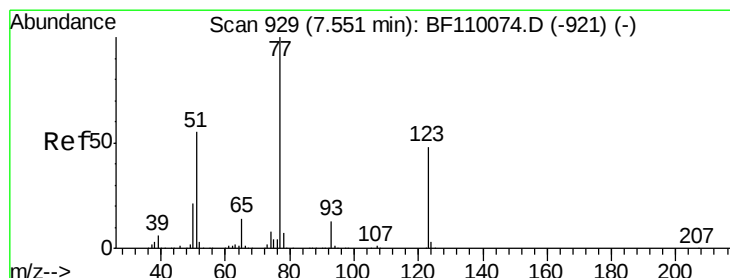
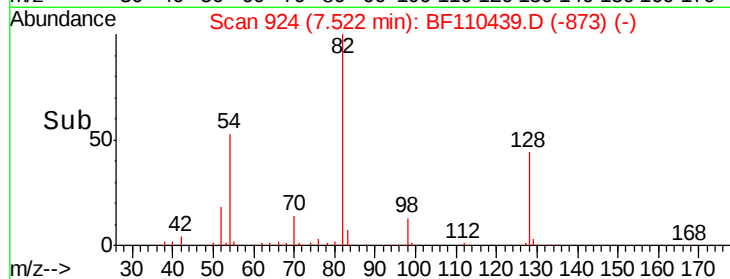
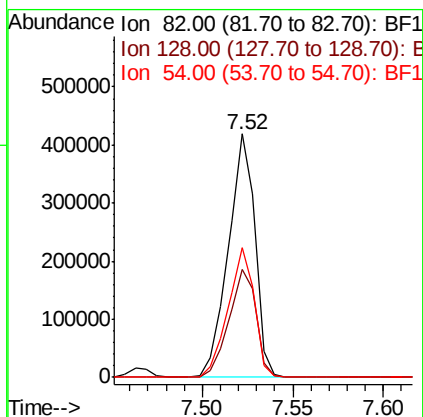
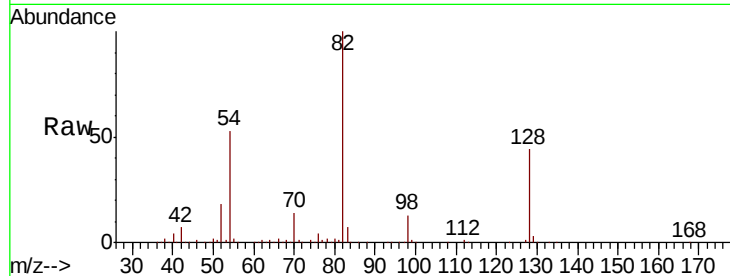




#23
Nitrobenzene-d5
Concen: 86.375 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

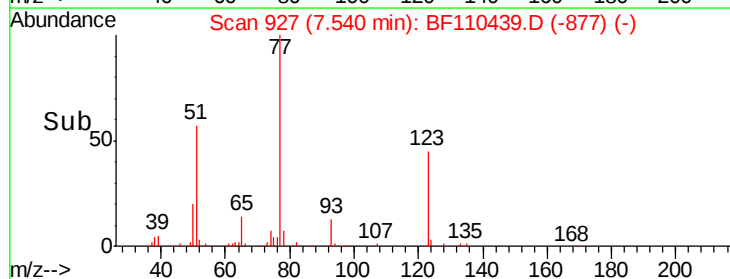
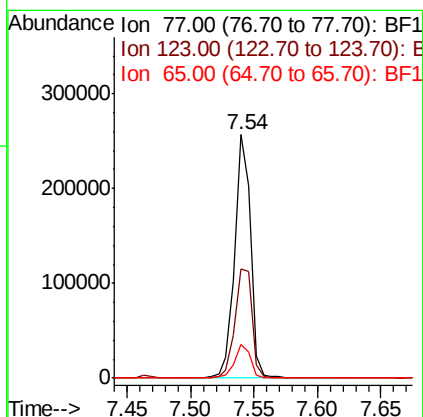
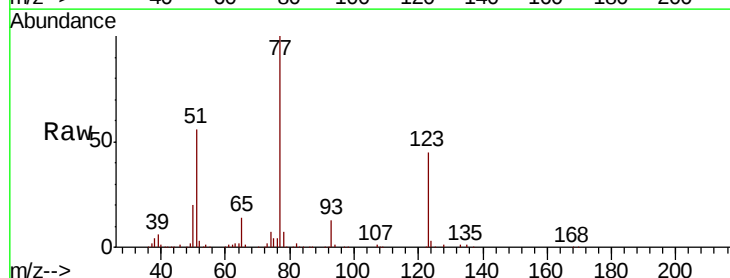
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	430217
Ion Ratio	100	Lower	Upper
128	44.1	34.2	51.2
54	53.0	38.6	58.0



#24
Nitrobenzene
Concen: 42.952 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	77	Resp	220872
Ion Ratio	100	Lower	Upper
123	44.9	35.7	53.5
65	13.8	10.7	16.1





#25

Isophorone

Concen: 39.355 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampled :

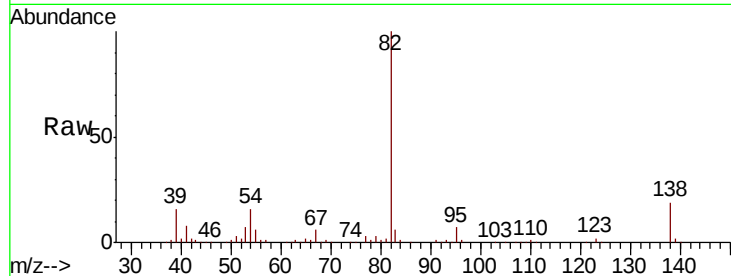
Tot Ion: 82 Resp: 334136

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

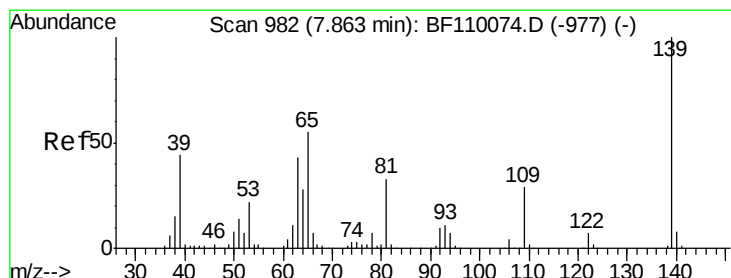
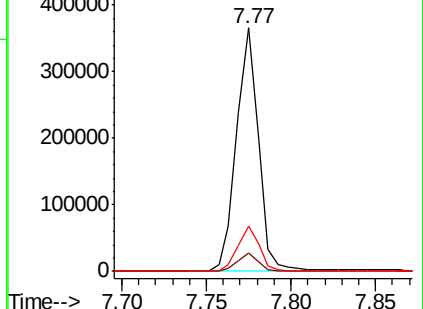
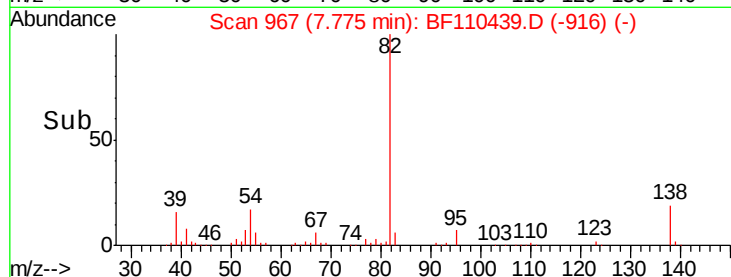
138 18.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.946 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

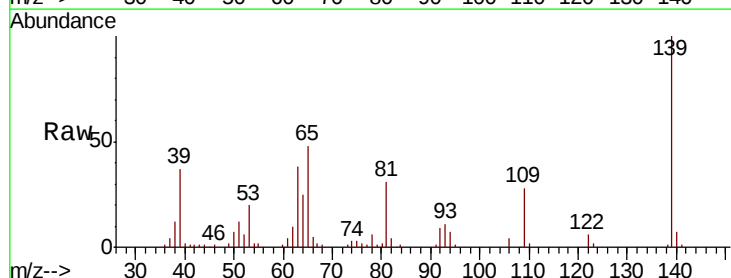
Tgt Ion: 139 Resp: 80620

Ion Ratio Lower Upper

139 100

109 28.3 25.0 37.6

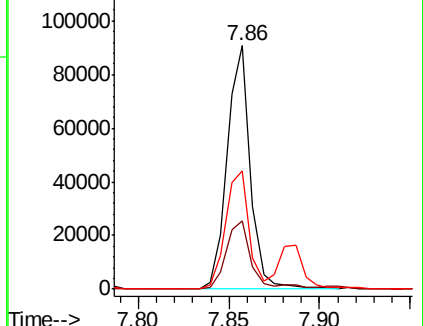
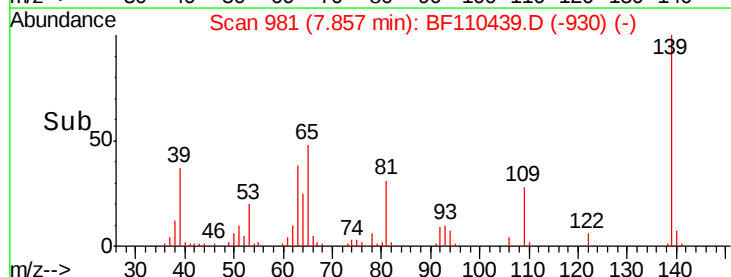
65 48.3 44.0 66.0

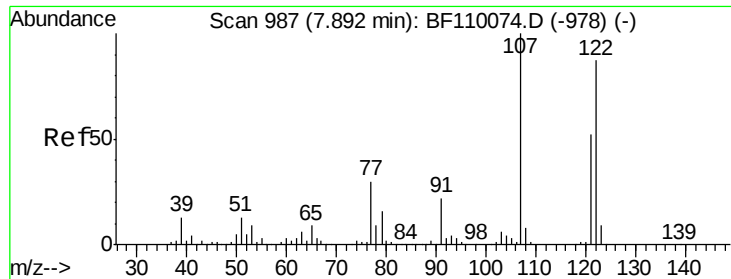


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

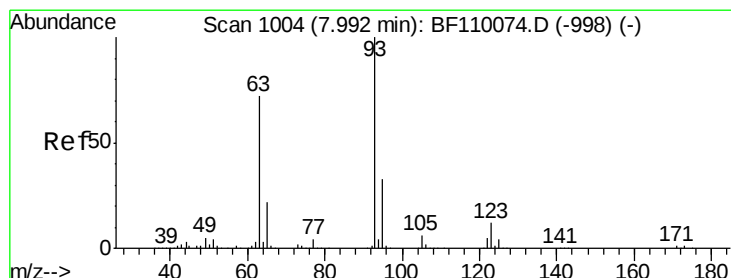
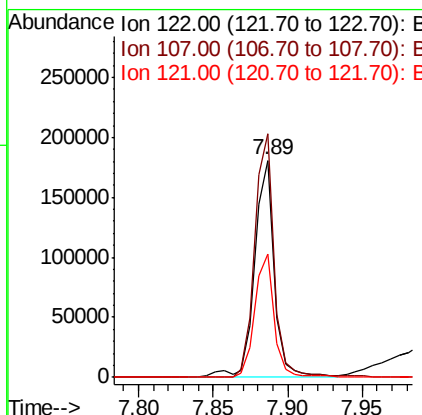
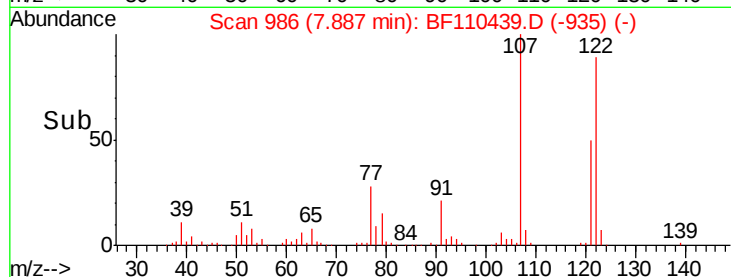
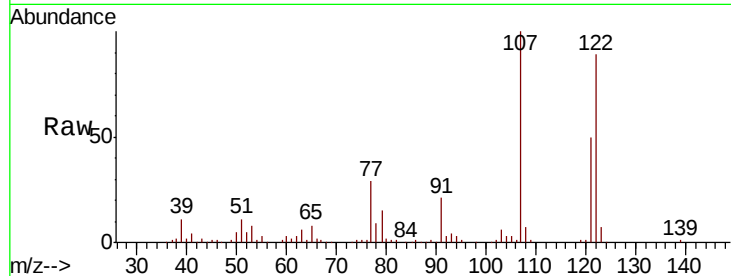




#27
2,4-Dimethylphenol
Concen: 40.461 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

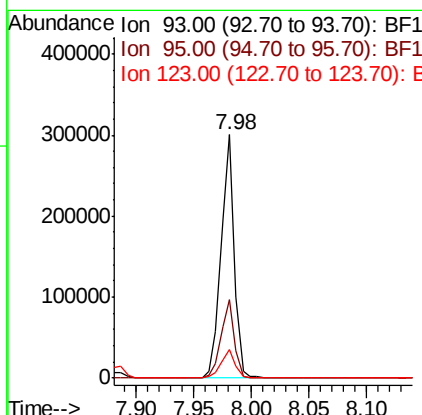
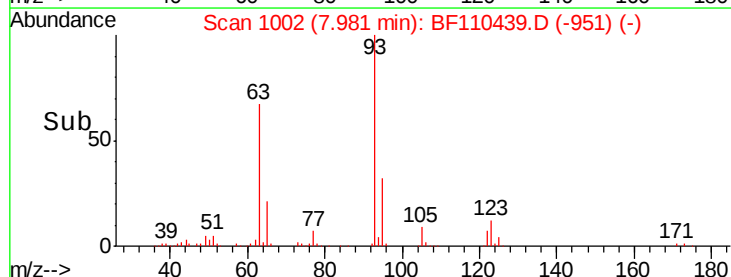
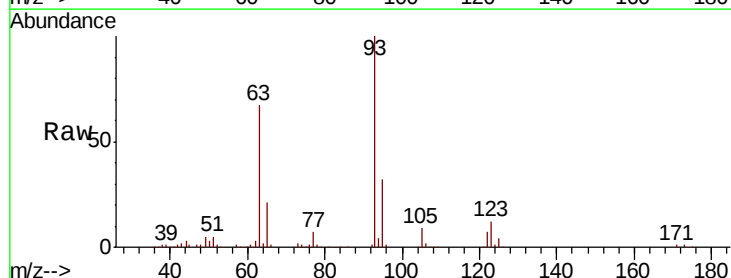
Instrument :
BNA_F
ClientSampleId :

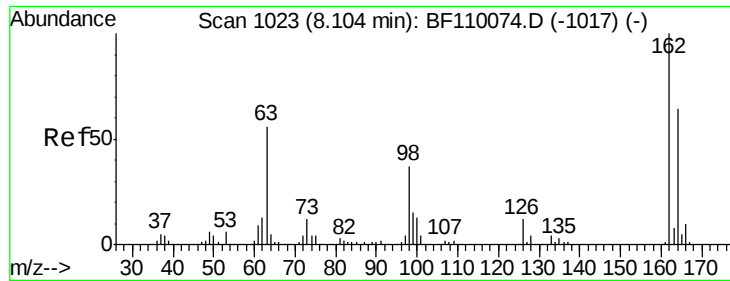
Tot Ion:122 Resp: 164155
Ion Ratio Lower Upper
122 100
107 112.0 92.5 138.7
121 56.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.807 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion: 93 Resp: 241136
Ion Ratio Lower Upper
93 100
95 32.1 26.4 39.6
123 11.9 9.0 13.6

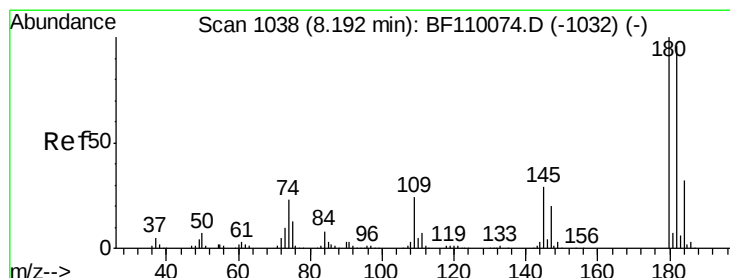
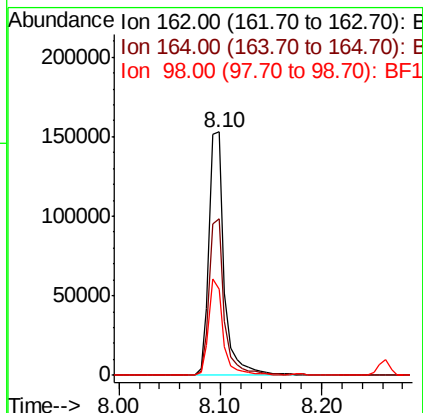
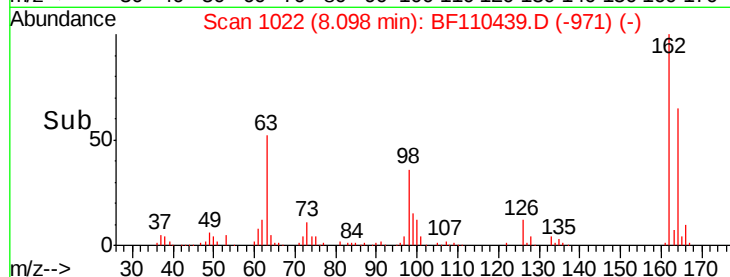
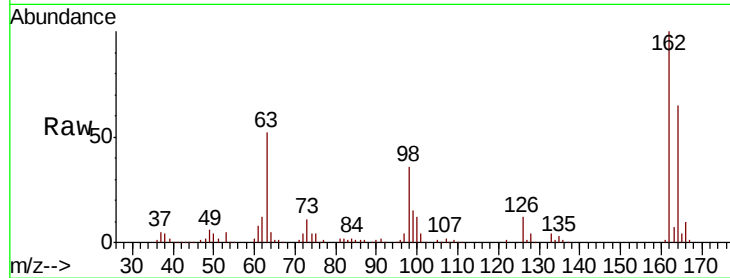




#29
 2,4-Dichlorophenol
 Concen: 39.313 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

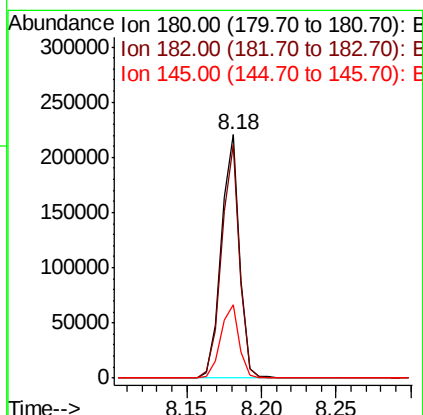
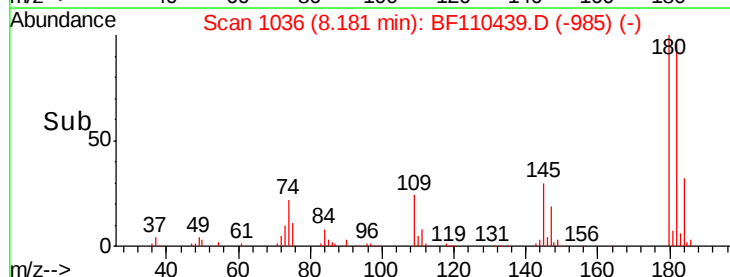
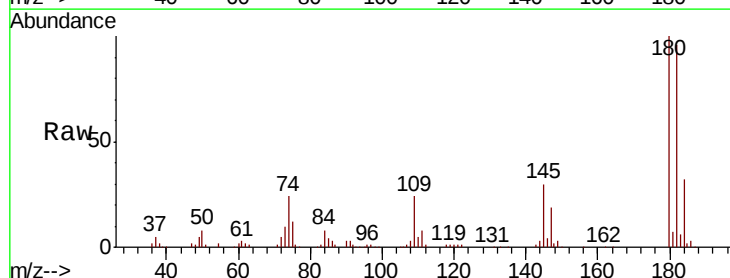
Instrument :
 BNA_F
 ClientSampleId :

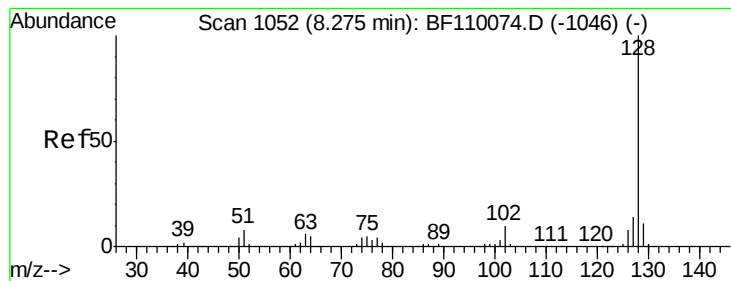
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.6	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.509 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	80.3	120.5
145	30.3	25.4	38.0





#31

Naphthalene

Concen: 40.906 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

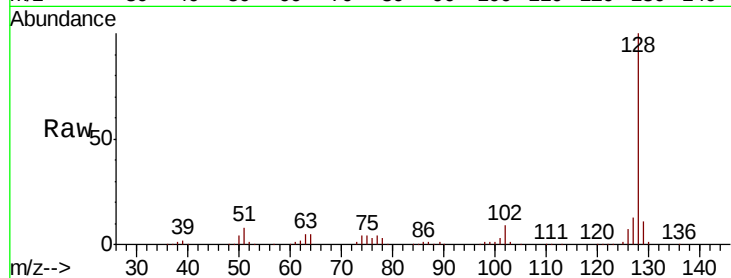
Tot Ion:128 Resp: 556978

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

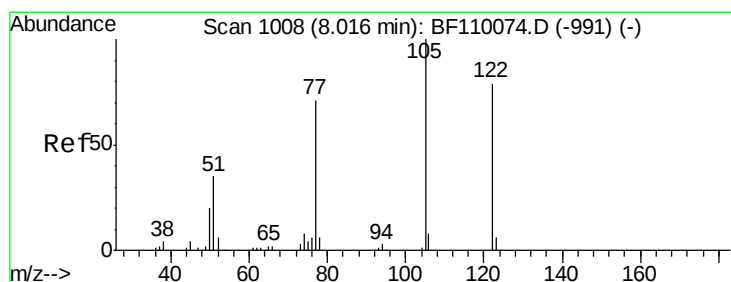
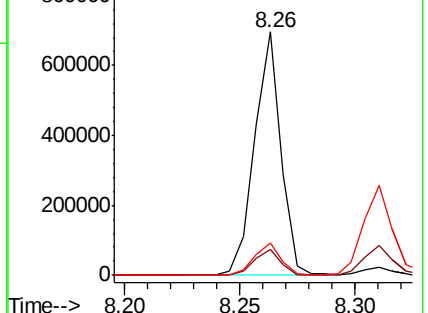
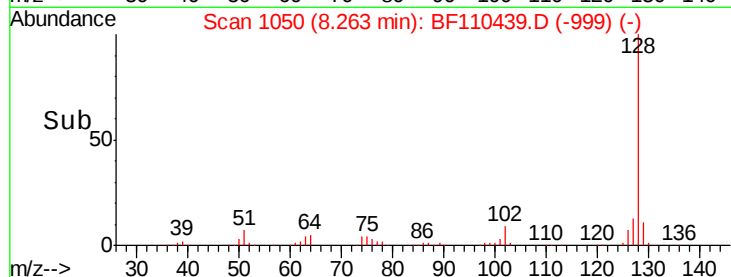
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.855 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

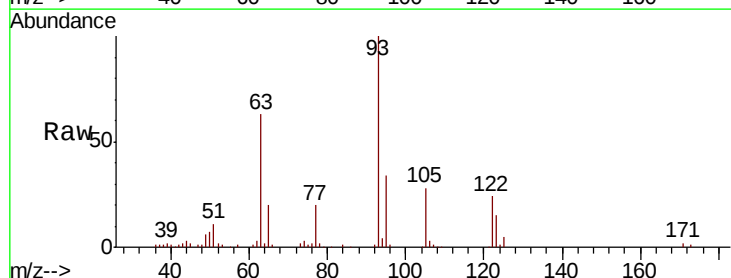
Tgt Ion:122 Resp: 43445

Ion Ratio Lower Upper

122 100

105 116.9 109.0 149.0

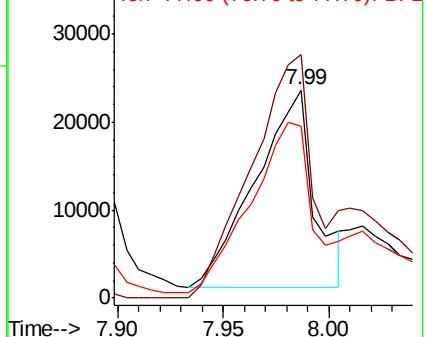
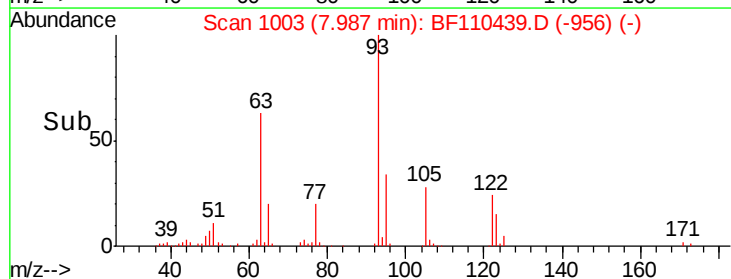
77 82.3 79.0 119.0

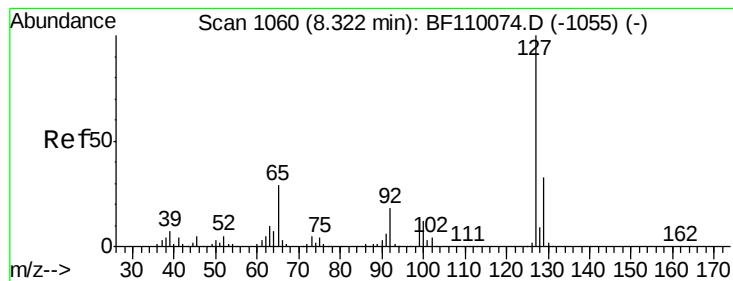


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.974 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF110439.D

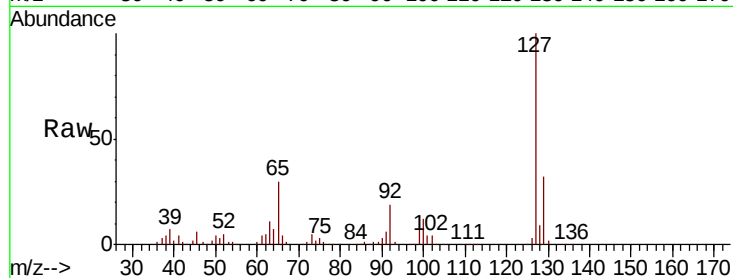
Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	232703
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.4	25.1	37.7
92	18.7	15.0	22.6

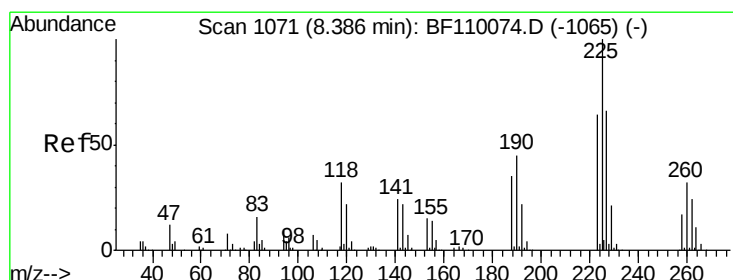
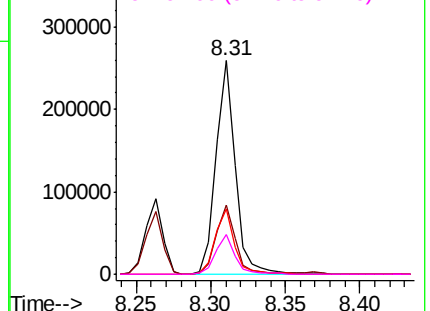
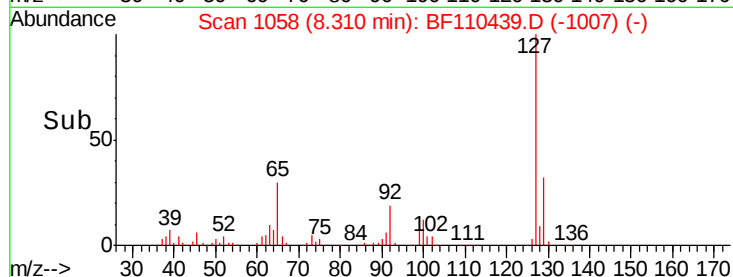


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.318 ng

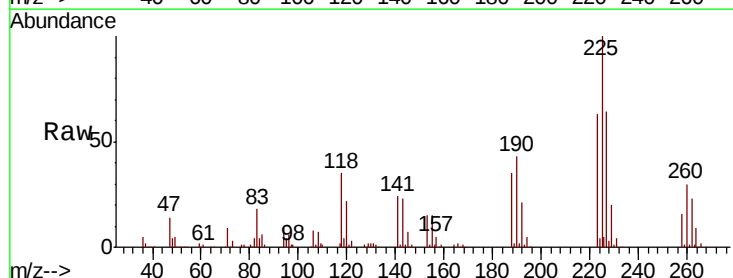
RT: 8.37 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

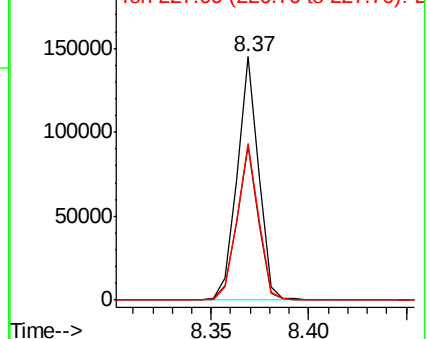
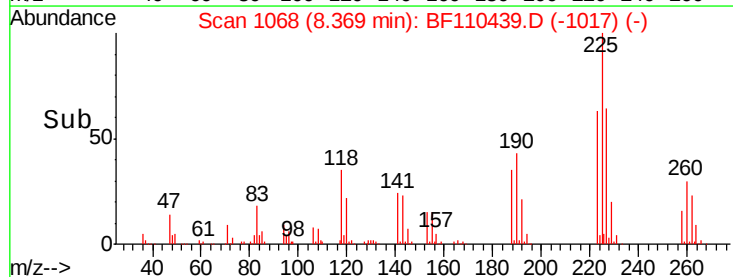
Tgt Ion:	225	Resp:	110427
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	64.3	51.0	76.6



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

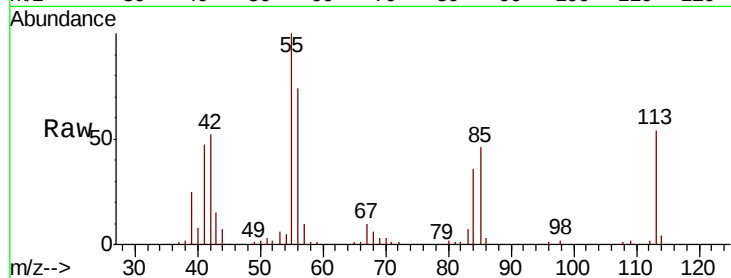




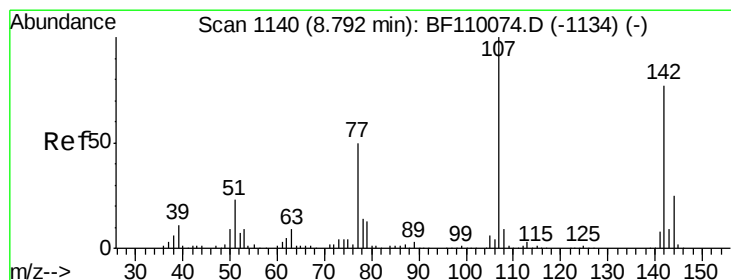
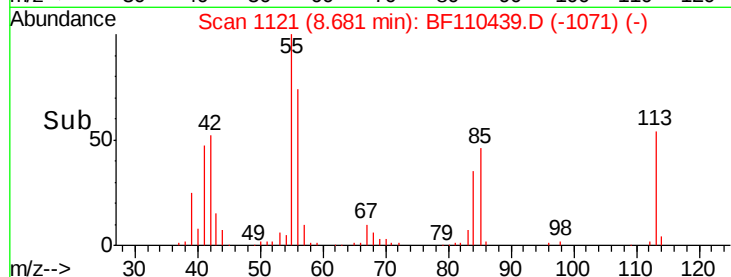
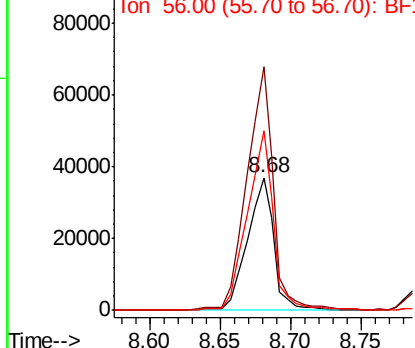
#35
Caprolactam
Concen: 33.799 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 48286
Ion Ratio Lower Upper
113 100
55 183.8 142.8 182.8#
56 135.7 105.0 145.0

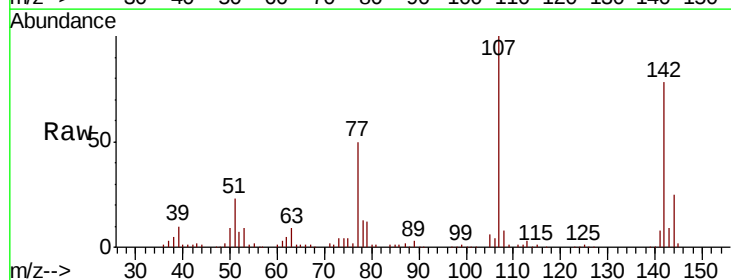


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

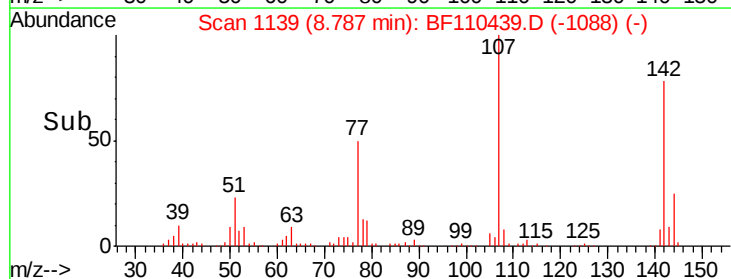
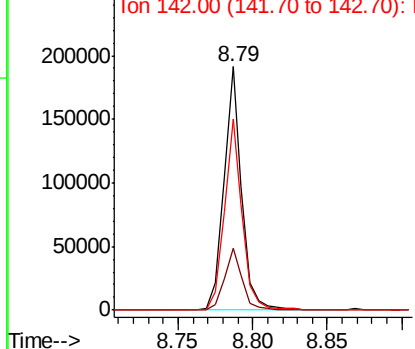


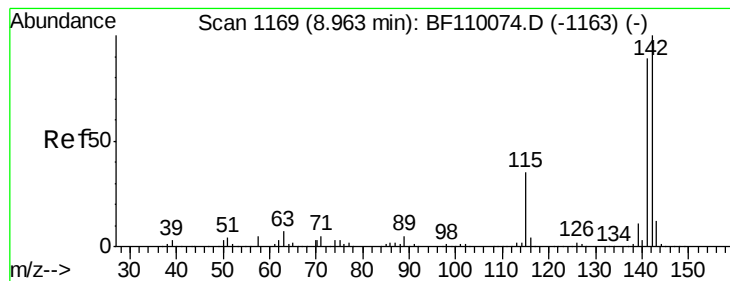
#36
4-Chloro-3-methylphenol
Concen: 36.182 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:107 Resp: 160370
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 78.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.884 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

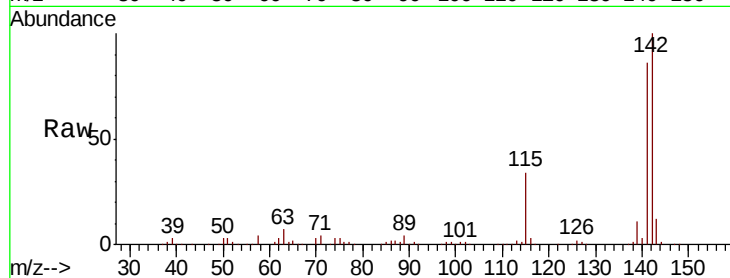
Tot Ion:142 Resp: 341286

Ion Ratio Lower Upper

142 100

141 86.2 71.4 107.2

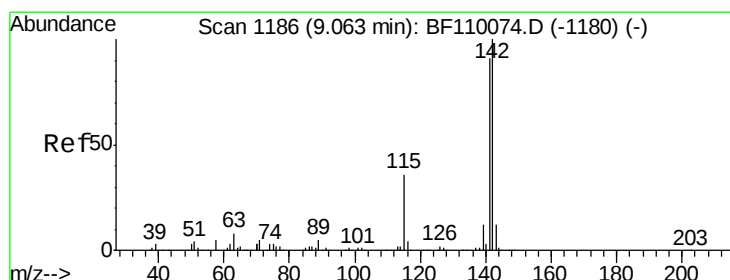
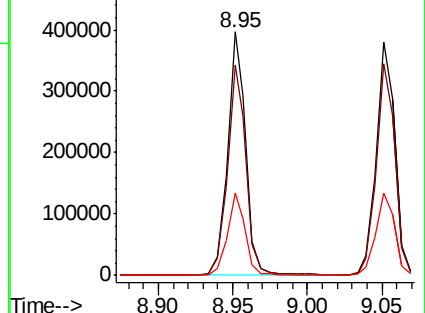
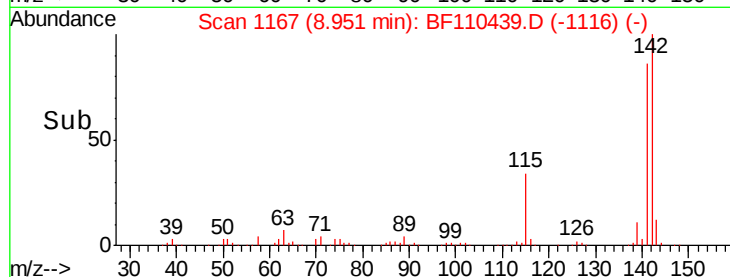
115 33.9 28.7 43.1



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: 37.240 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

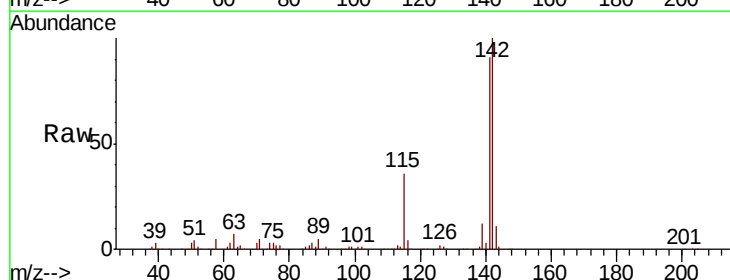
Tgt Ion:142 Resp: 324200

Ion Ratio Lower Upper

142 100

141 90.8 74.2 111.4

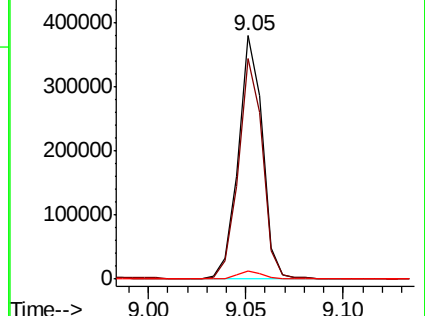
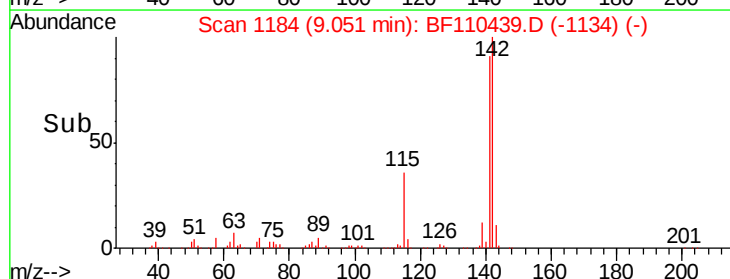
116 3.6 2.6 4.0



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

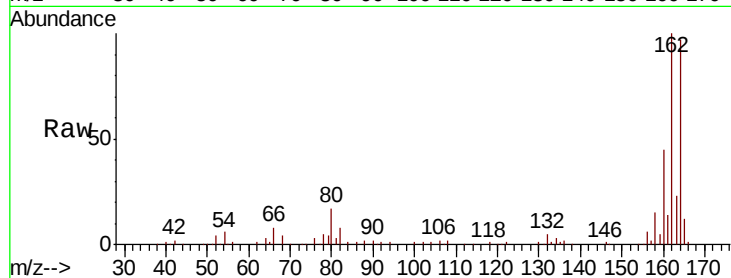
Tot Ion:164 Resp: 116727

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

160 46.6 37.0 55.6

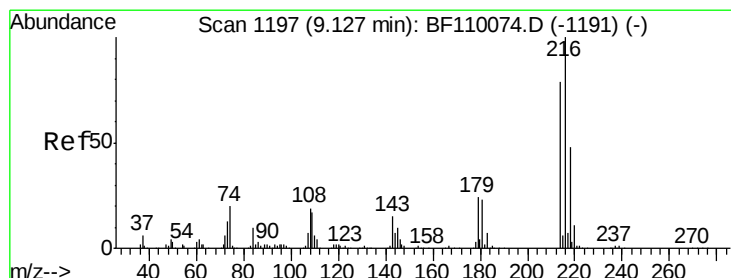
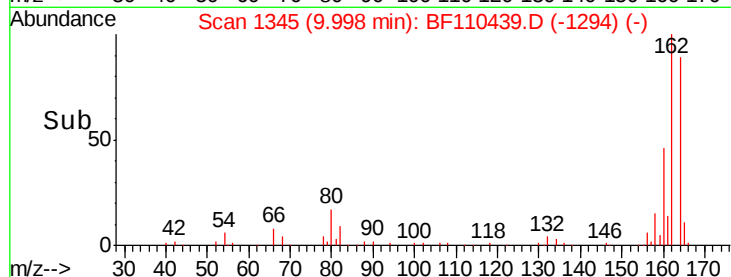
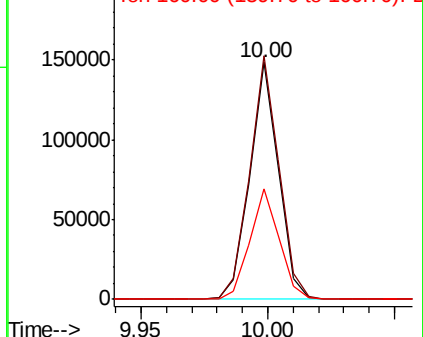


Abundance

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: 45.217 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Tgt Ion:216 Resp: 164451

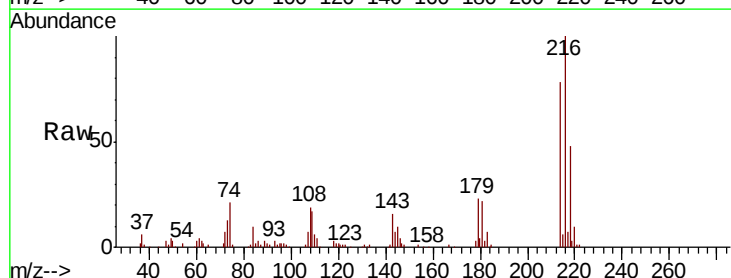
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 22.6 16.6 25.0

108 17.4 15.1 22.7



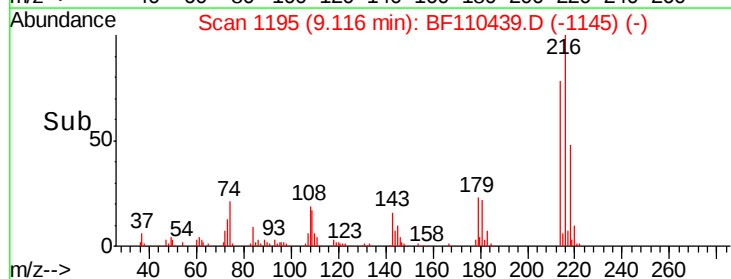
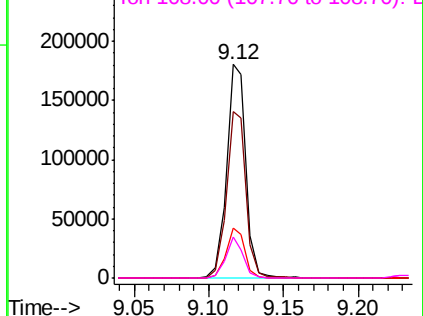
Abundance

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: 3.311 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

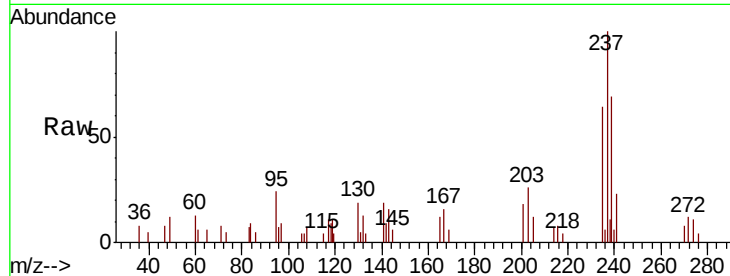
Tot Ion:237 Resp: 6157

Ion Ratio Lower Upper

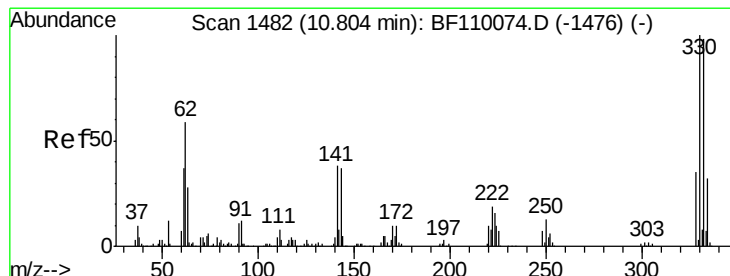
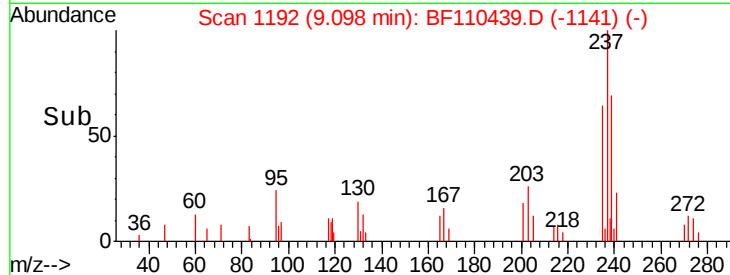
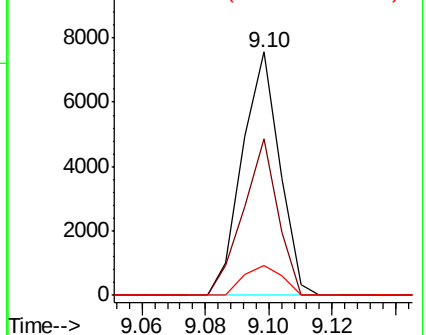
237 100

235 64.2 43.1 83.1

272 12.2 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: 77.269 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

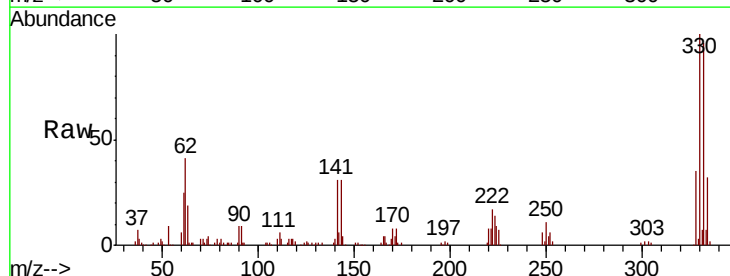
Tgt Ion:330 Resp: 89343

Ion Ratio Lower Upper

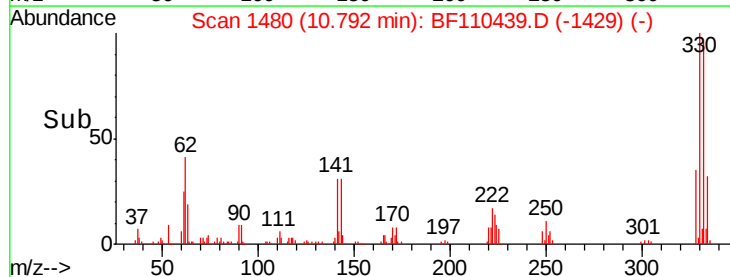
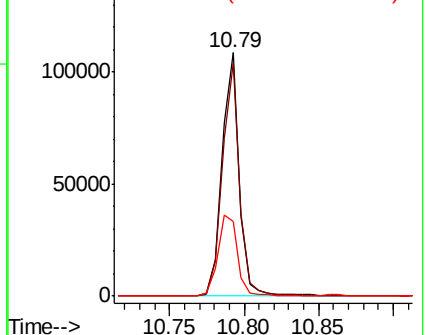
330 100

332 95.4 77.1 115.7

141 37.2 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

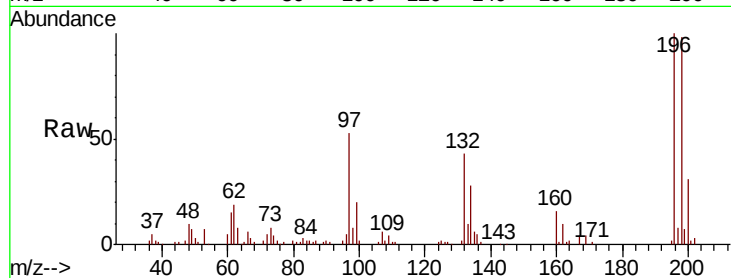




#43
 2,4,6-Trichlorophenol
 Concen: 42.257 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	99128
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.2	114.4
200	31.3	24.4	36.6

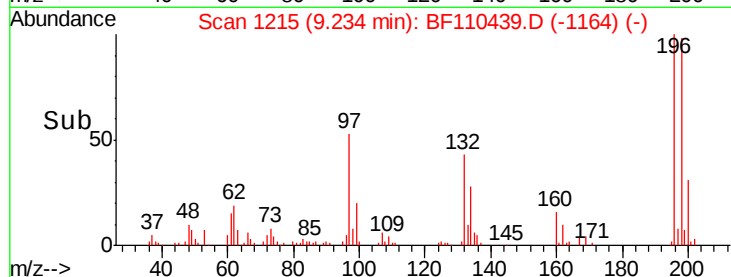
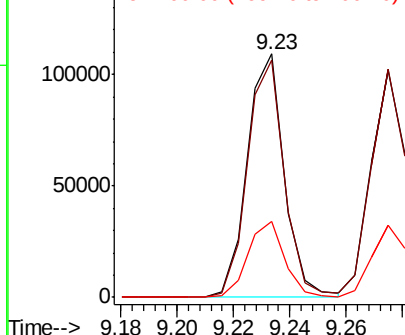


Abundance

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: 39.651 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion	196	Resp	98319
Ion Ratio	Lower	Upper	
196	100		
198	100.4	75.8	113.6
97	54.3	42.4	63.6
132	31.2	22.8	34.2

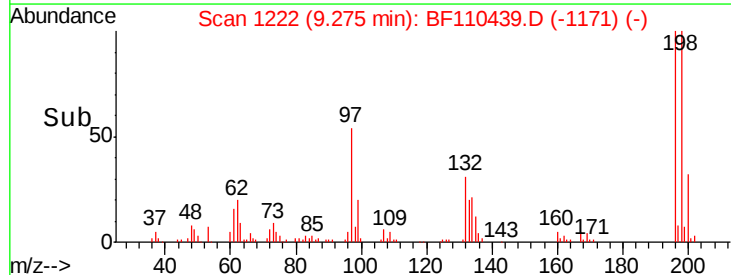
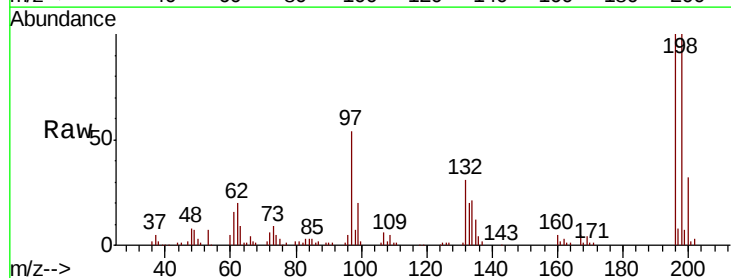
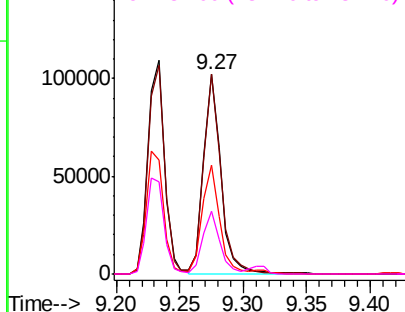
Abundance

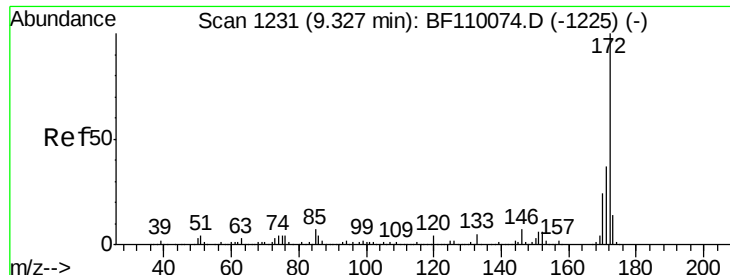
Ion 196.00 (195.70 to 196.70): E

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

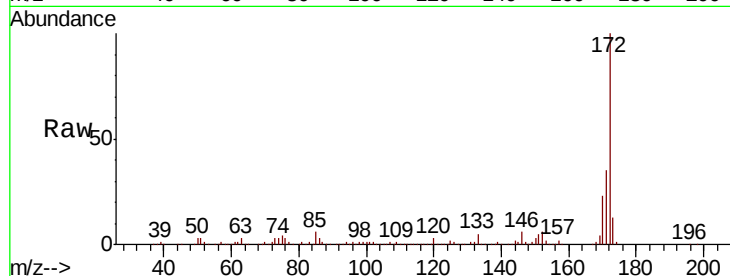




#45
2-Fluorobiphenyl
Concen: 98.326 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	19.7	29.5

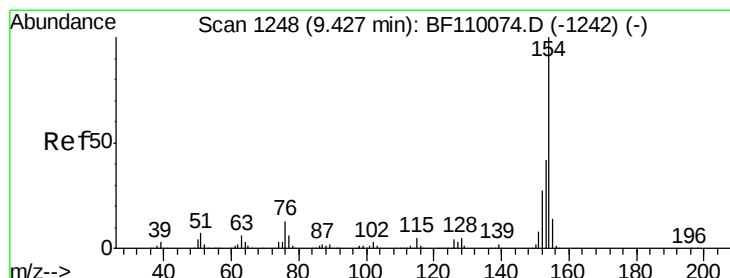
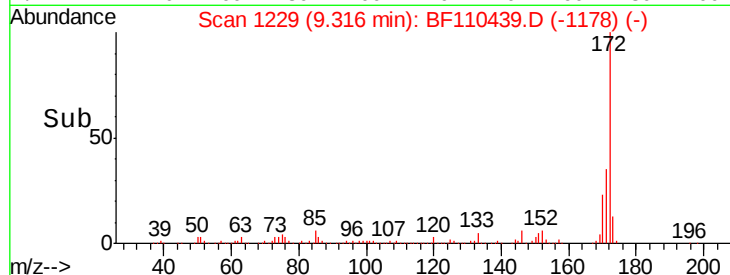
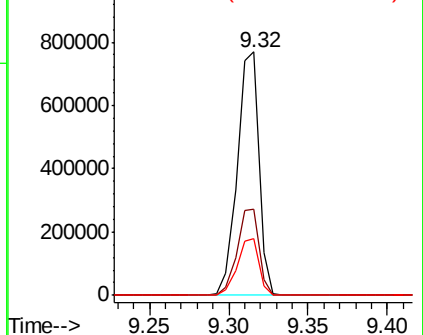


Abundance

Ion 172.00 (171.70 to 172.70): E

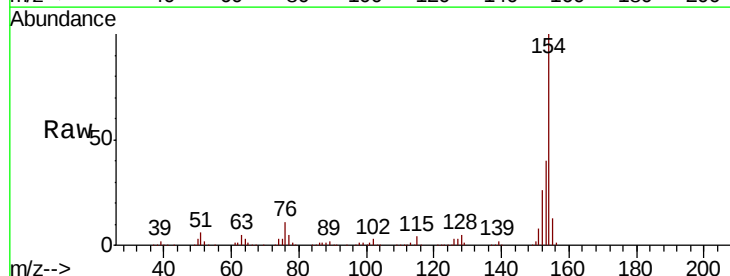
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.292 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.4	60.4
76	11.3	0.0	31.9

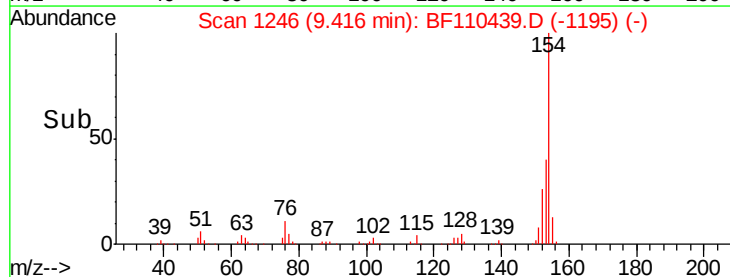
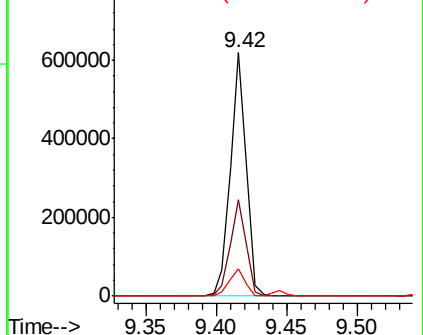


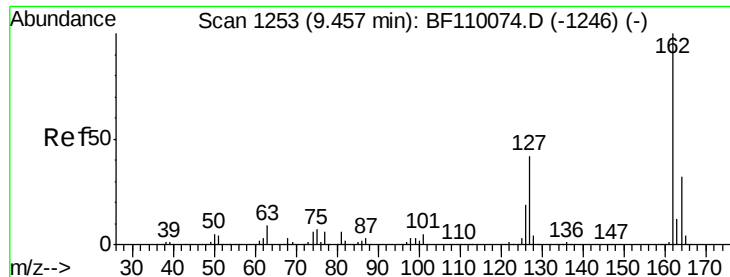
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

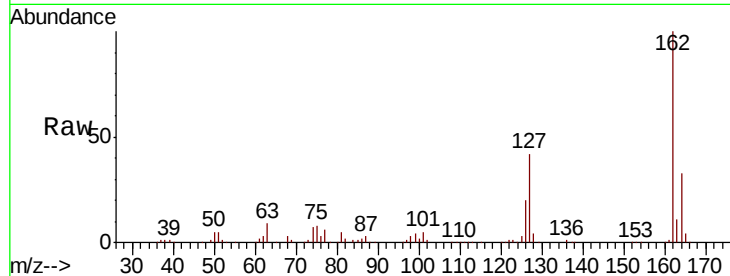




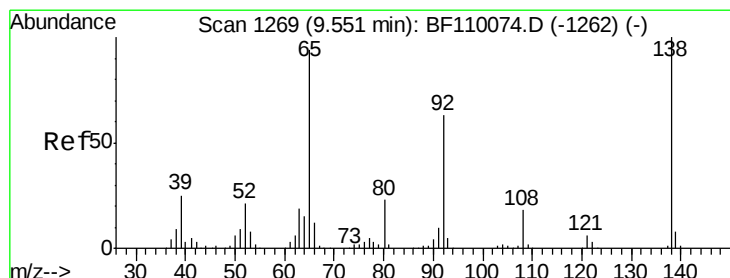
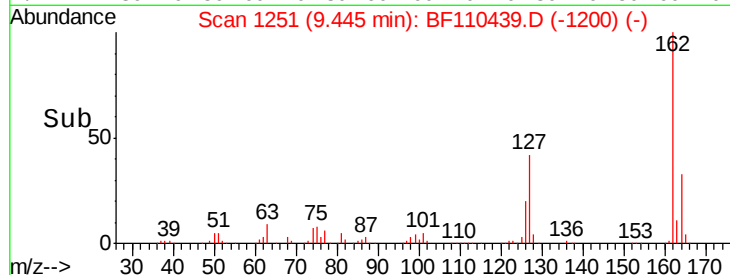
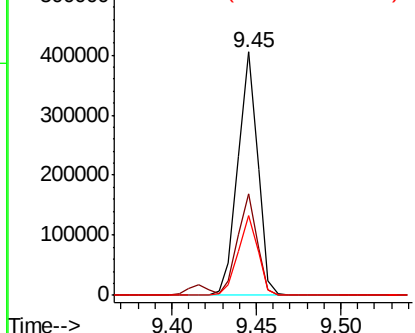
#47
 2-Chloronaphthalene
 Concen: 42.738 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 330914
 Ion Ratio Lower Upper
 162 100
 127 41.8 32.6 48.8
 164 32.6 25.9 38.9

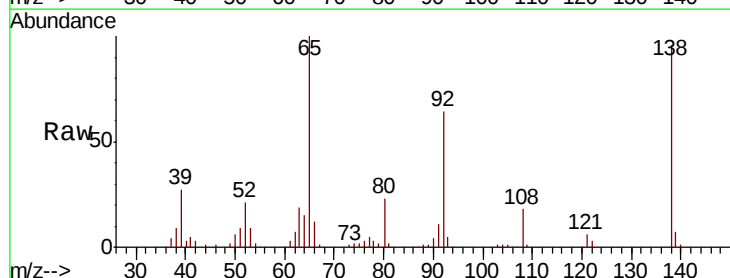


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

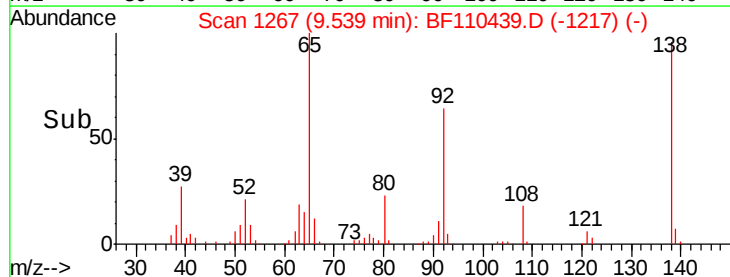
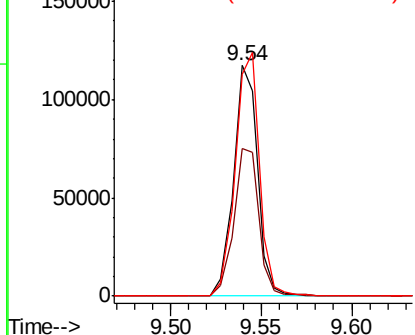


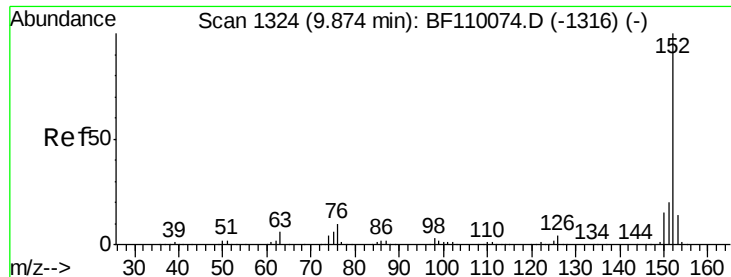
#48
 2-Nitroaniline
 Concen: 46.238 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion: 65 Resp: 108490
 Ion Ratio Lower Upper
 65 100
 92 63.8 54.6 81.8
 138 96.1 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: 41.251 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

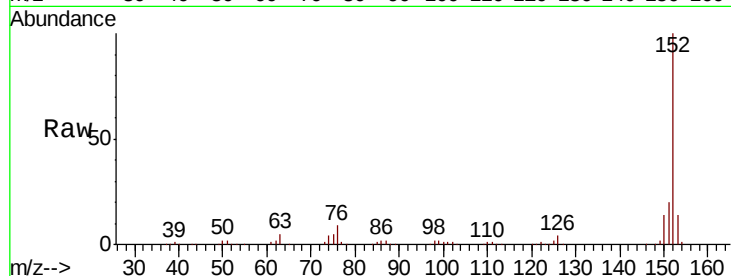
Tot Ion:152 Resp: 461329

Ion Ratio Lower Upper

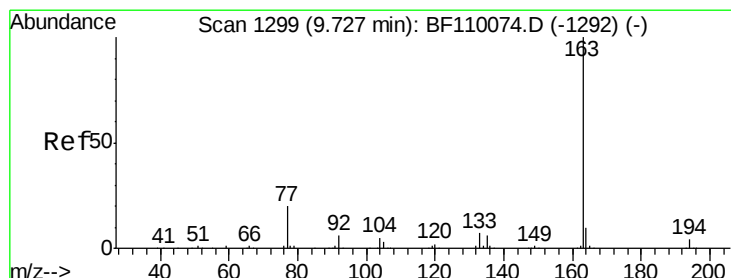
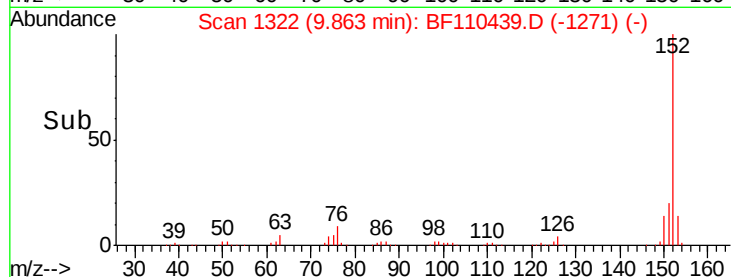
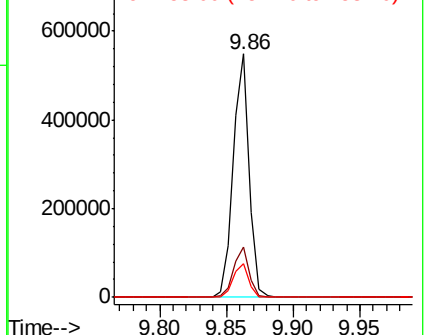
152 100

151 20.5 15.8 23.8

153 13.6 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: 43.810 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

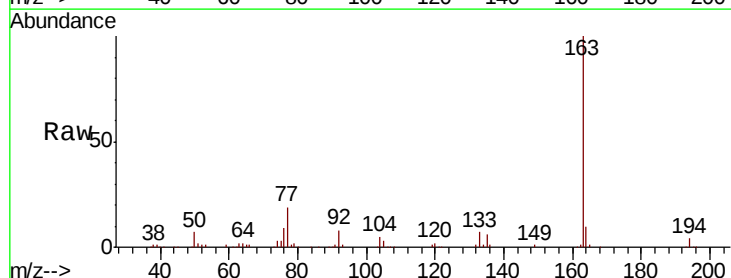
Tgt Ion:163 Resp: 377492

Ion Ratio Lower Upper

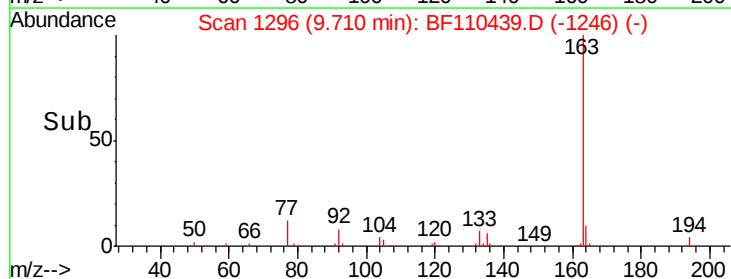
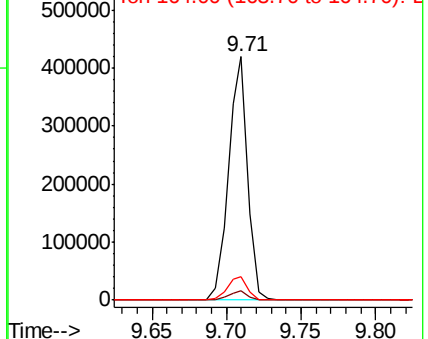
163 100

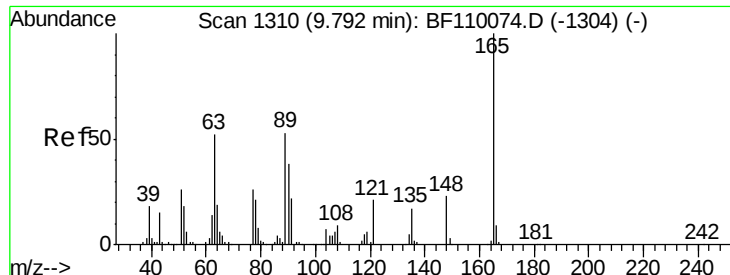
194 3.8 3.2 4.8

164 9.8 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: 35.849 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

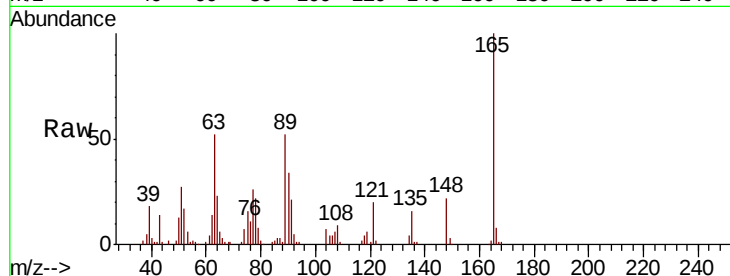
Tot Ion:165 Resp: 66537

Ion Ratio Lower Upper

165 100

63 51.8 48.9 73.3

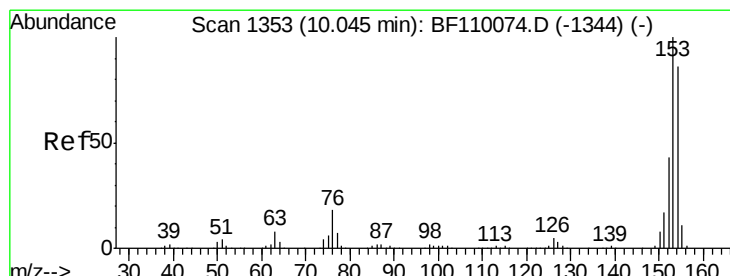
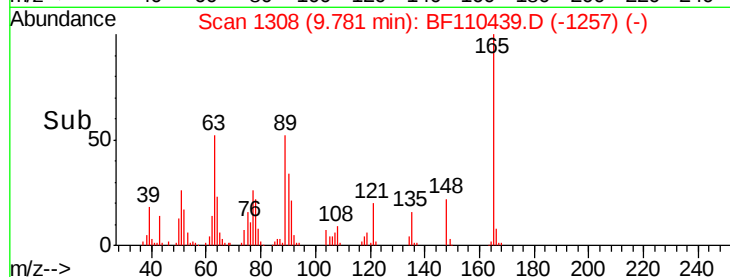
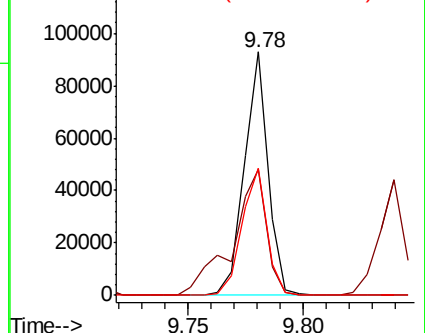
89 52.4 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.167 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

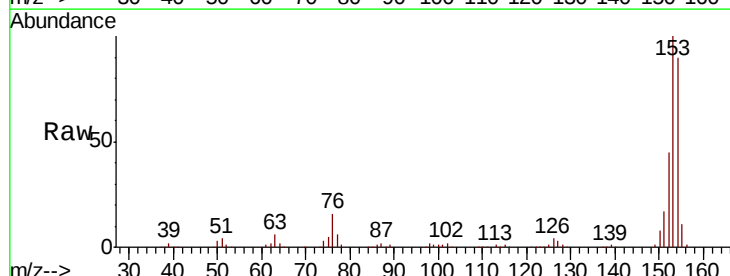
Tgt Ion:154 Resp: 289767

Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

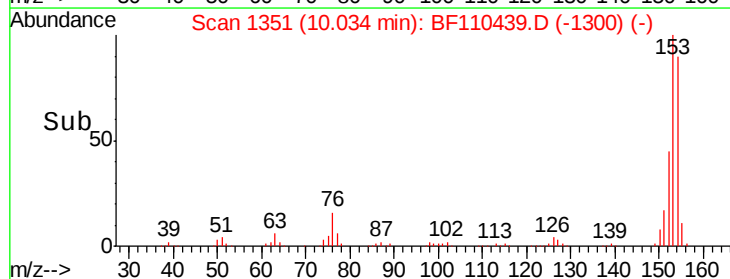
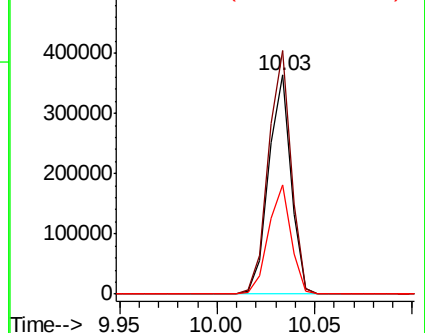
152 49.7 43.4 65.2

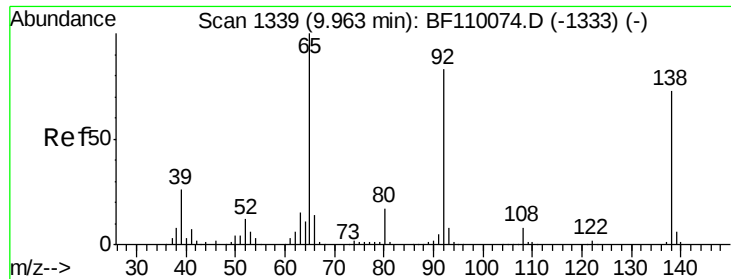


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

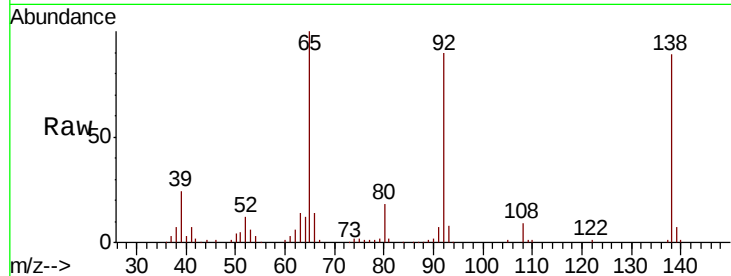




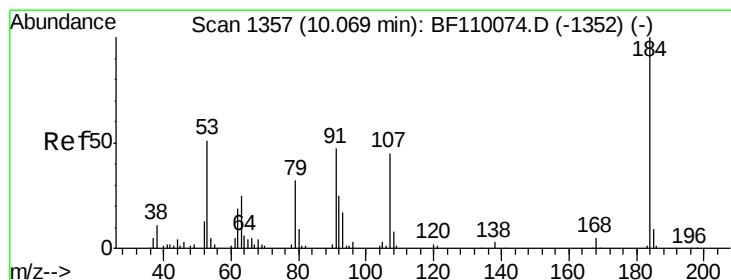
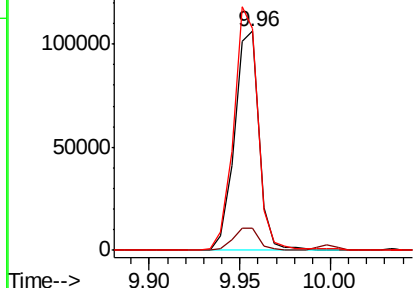
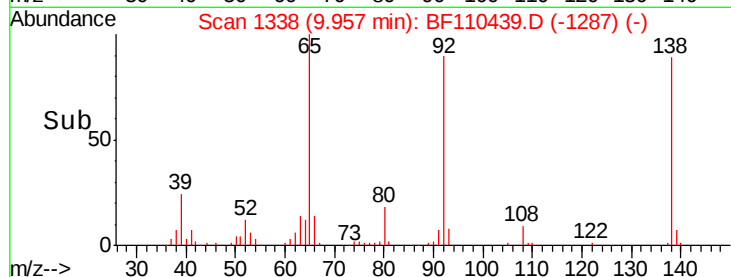
#53
3-Nitroaniline
Concen: 45.626 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100704
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 101.0 97.0 145.4

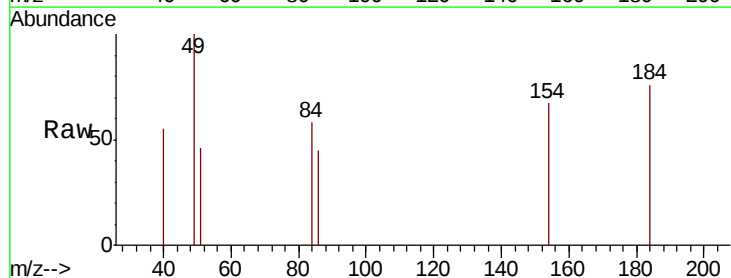


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

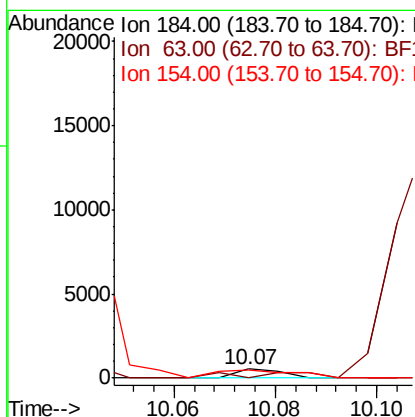
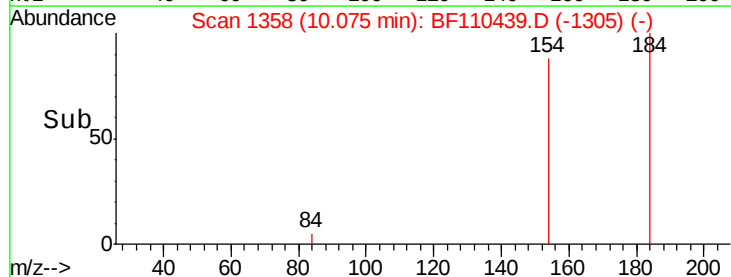


#54
2,4-Dinitrophenol
Concen: 5.605 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:184 Resp: 339
Ion Ratio Lower Upper
184 100
63 0.0 55.8 83.6#
154 88.1 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

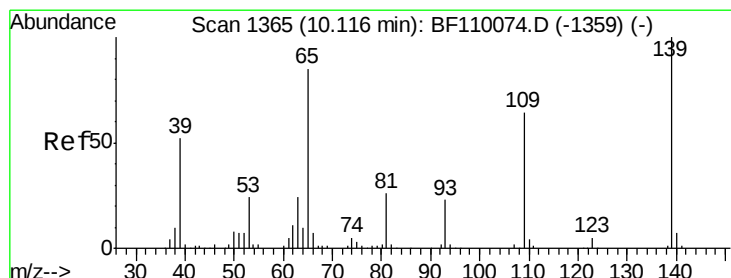
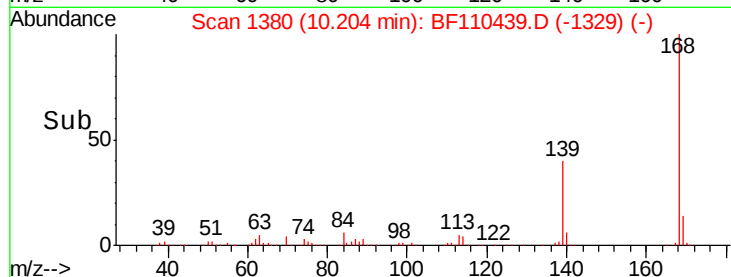
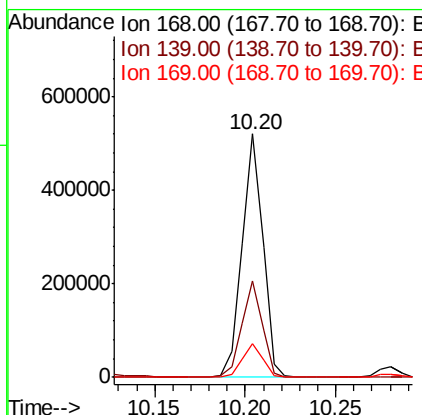
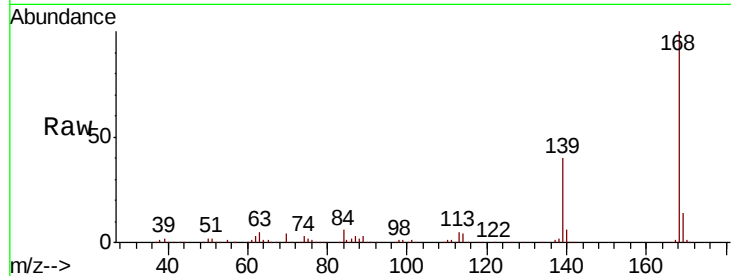




#55
Dibenzenofuran
Concen: 40.131 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

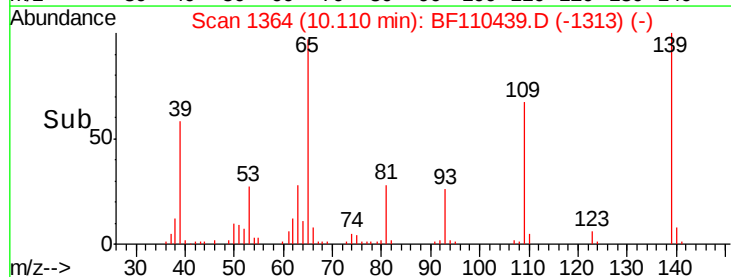
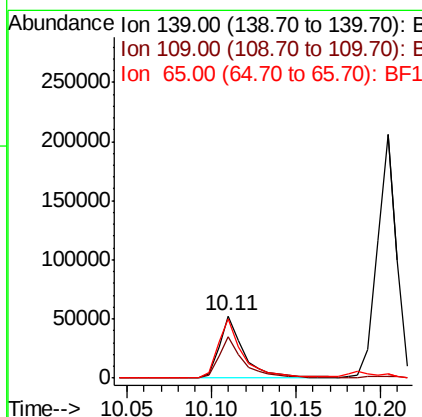
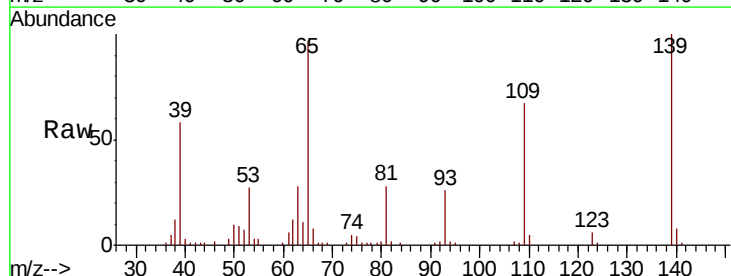
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 415686
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 32.658 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:139 Resp: 53349
Ion Ratio Lower Upper
139 100
109 67.0 55.8 95.8
65 96.7 77.9 117.9

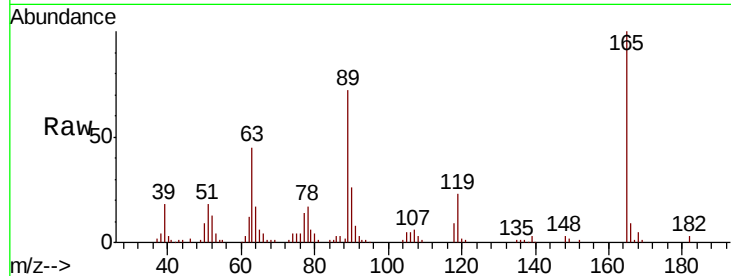




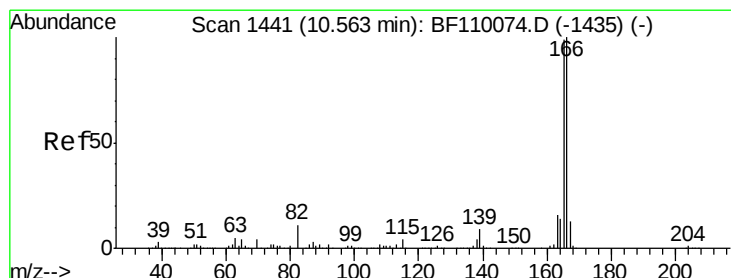
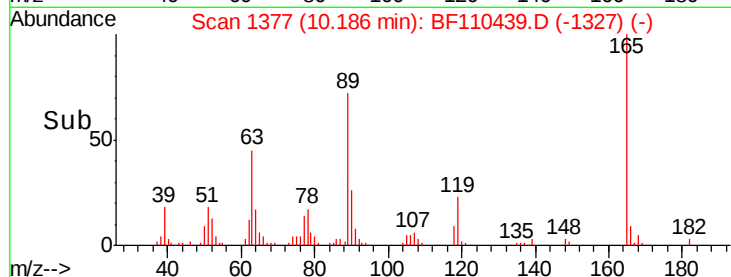
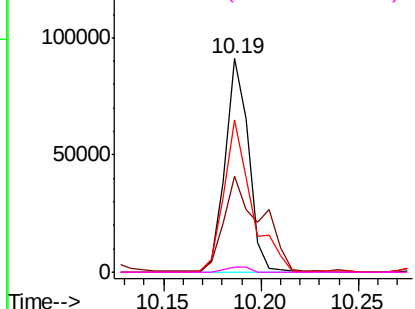
#57
2,4-Dinitrotoluene
Concen: 32.283 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	44.8	67.2
89	71.6	62.2	93.4
182	2.7	2.1	3.1

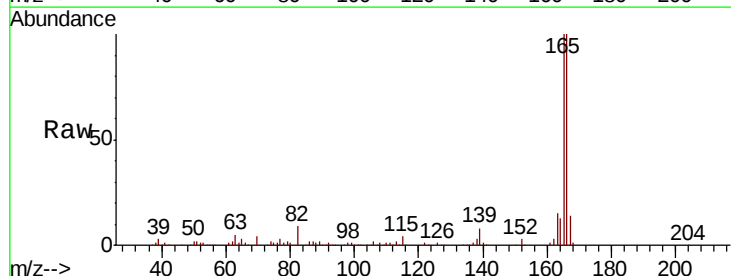


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

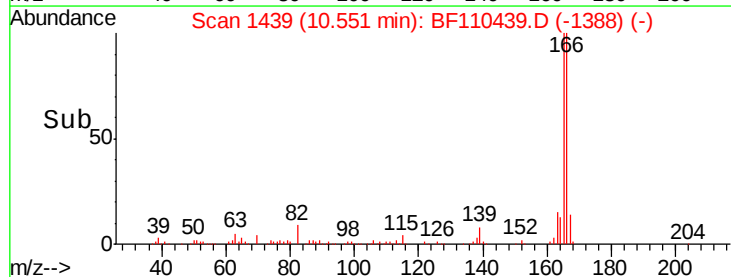
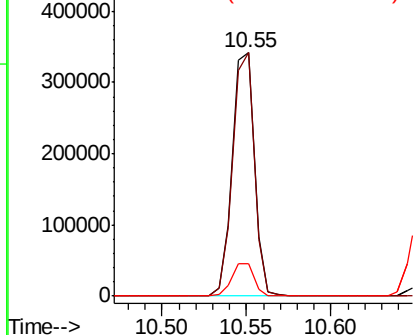


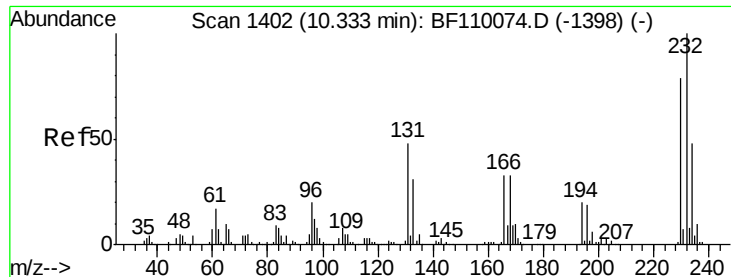
#58
Fluorene
Concen: 40.184 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.6	117.8
167	13.5	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

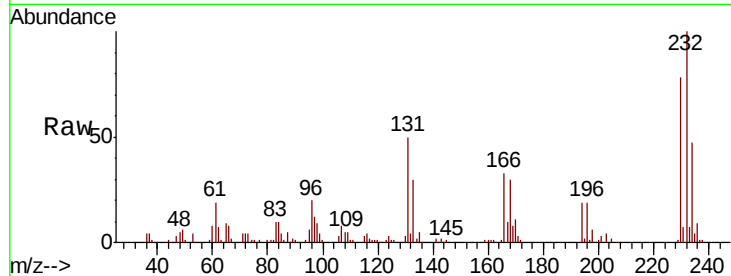




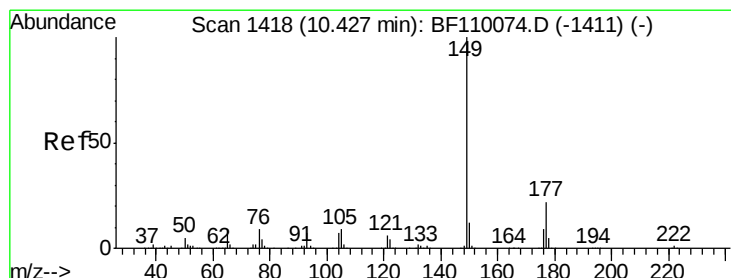
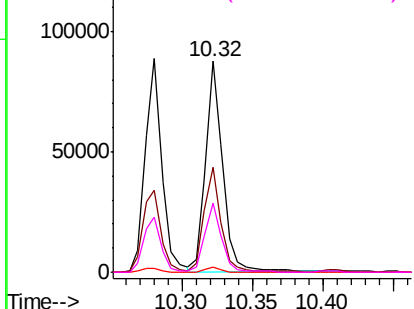
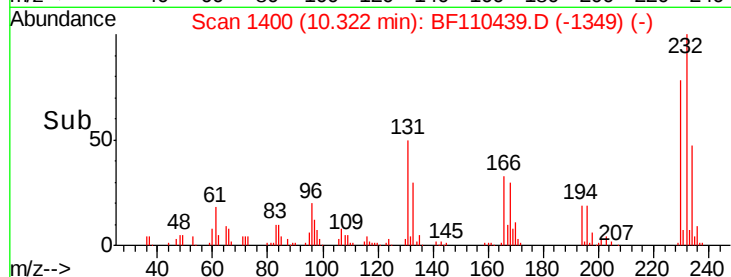
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.471 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 73712
 Ion Ratio Lower Upper
 232 100
 131 49.9 37.0 55.4
 130 2.2 1.8 2.6
 166 32.7 22.0 33.0

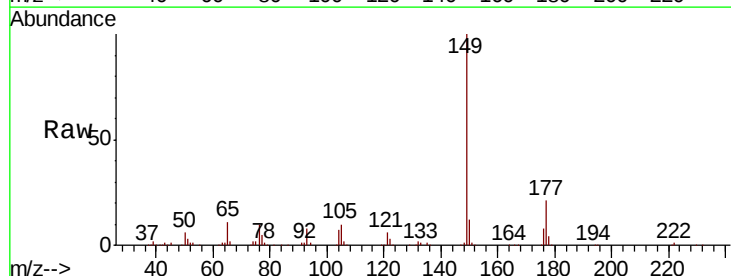


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

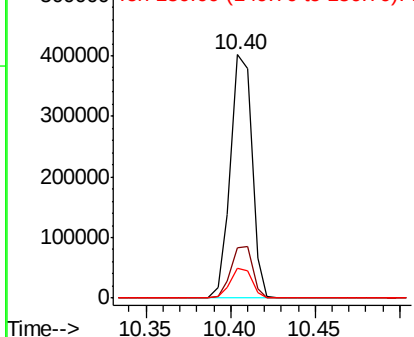
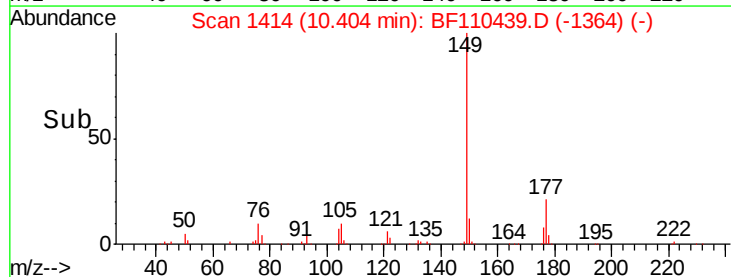


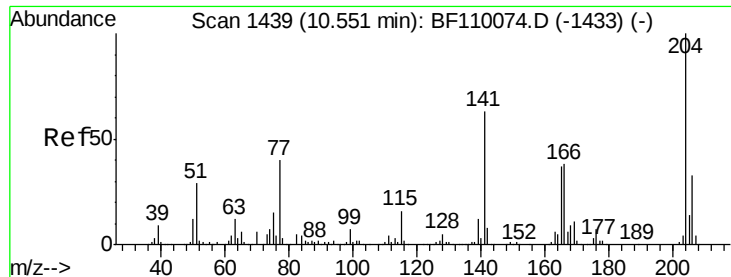
#60
 Diethylphthalate
 Concen: 42.445 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion:149 Resp: 357008
 Ion Ratio Lower Upper
 149 100
 177 20.7 17.4 26.2
 150 12.4 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

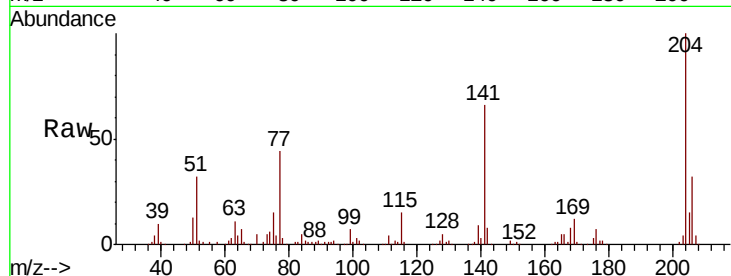




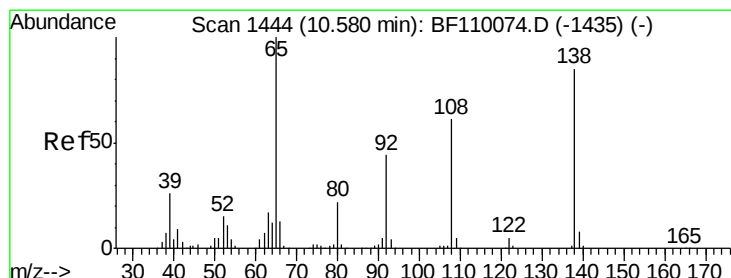
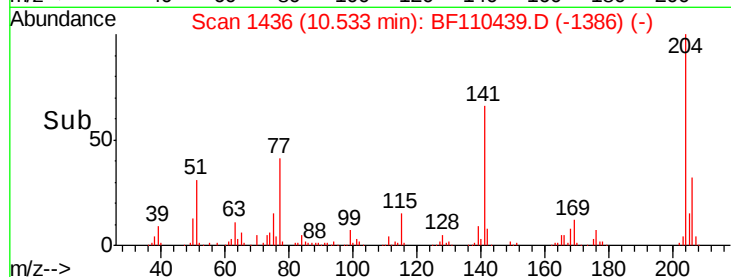
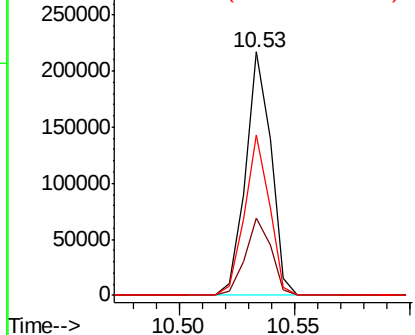
#61
 4-Chlorophenyl-phenylether
 Concen: 41.126 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:204 Resp: 167251
 Ion Ratio Lower Upper
 204 100
 206 31.5 26.5 39.7
 141 65.9 51.8 77.8

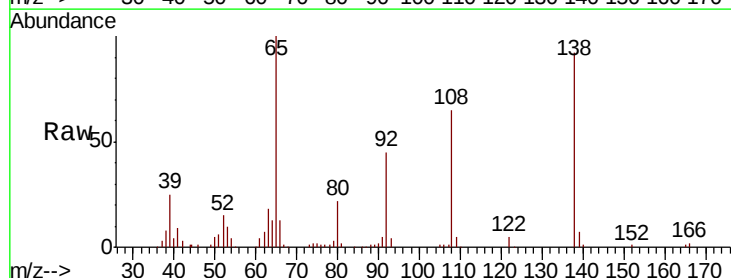


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

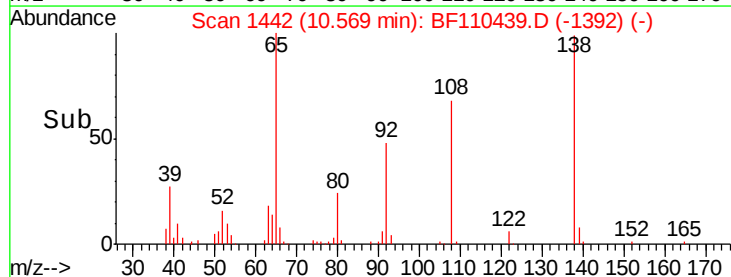
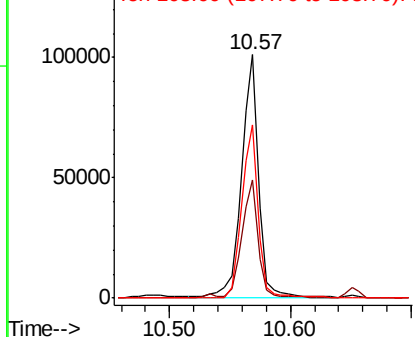


#62
 4-Nitroaniline
 Concen: 45.023 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion:138 Resp: 98836
 Ion Ratio Lower Upper
 138 100
 92 48.8 31.7 71.7
 108 71.2 59.3 99.3



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

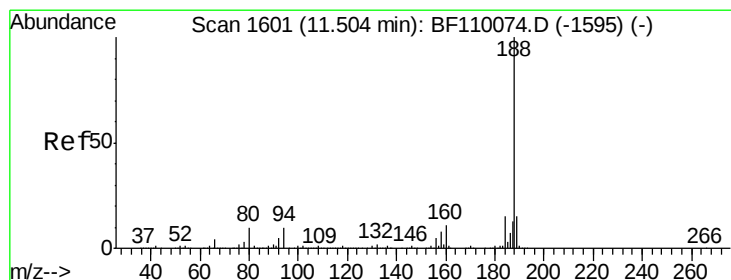
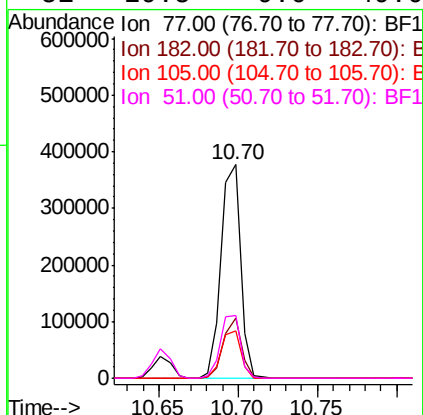
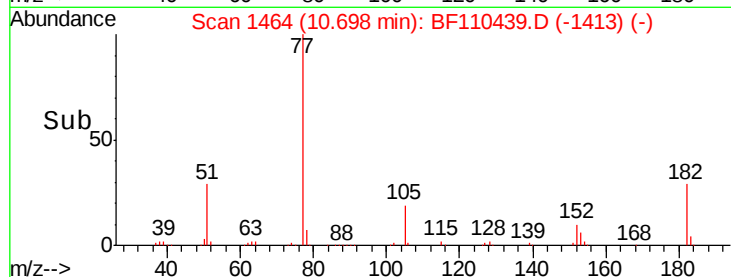
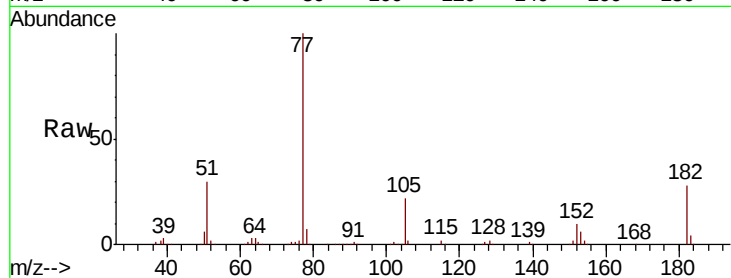




#63
Azobenzene
Concen: 38.900 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

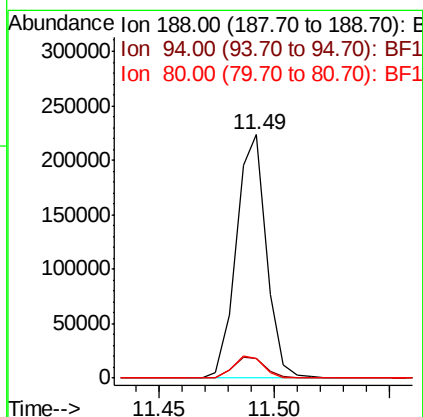
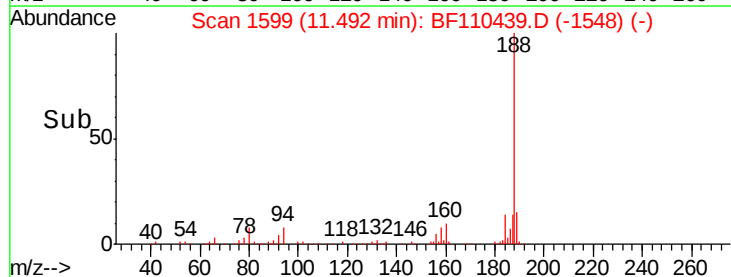
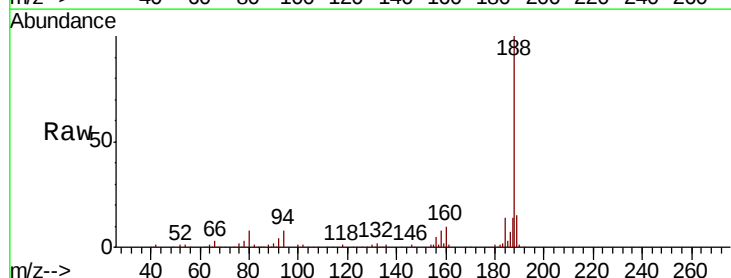
Instrument :
BNA_F
ClientSampleId :

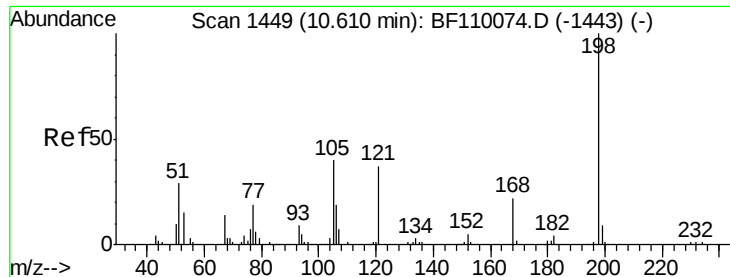
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	4.3	44.3
105	22.3	1.3	41.3
51	29.5	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	7.9	7.9	11.9

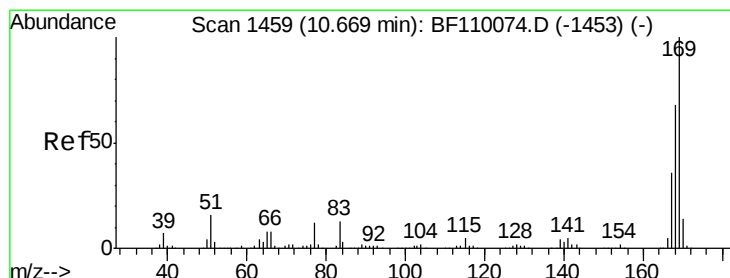
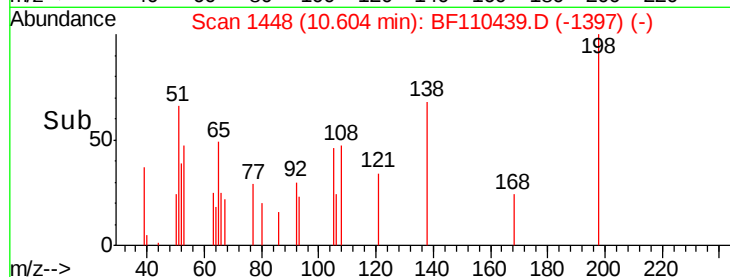
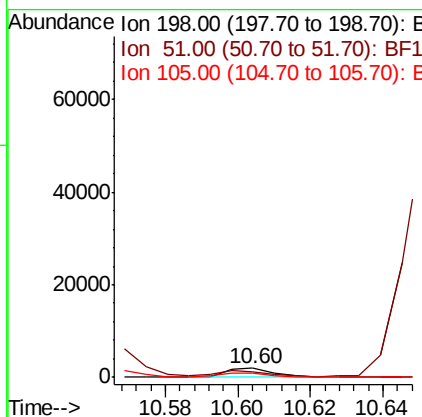
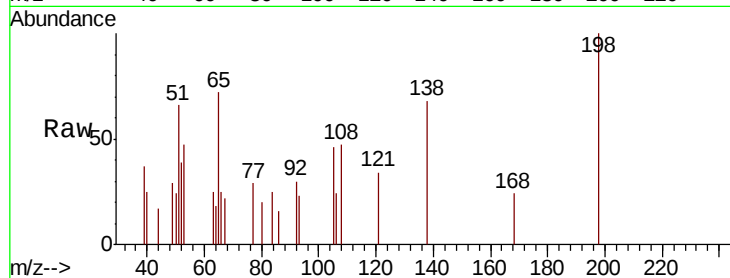




#65
4,6-Dinitro-2-methylphenol
Concen: 1.893 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

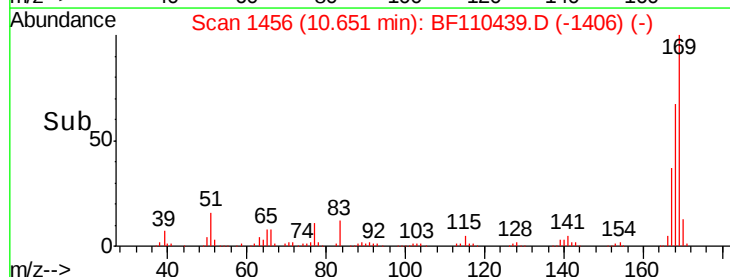
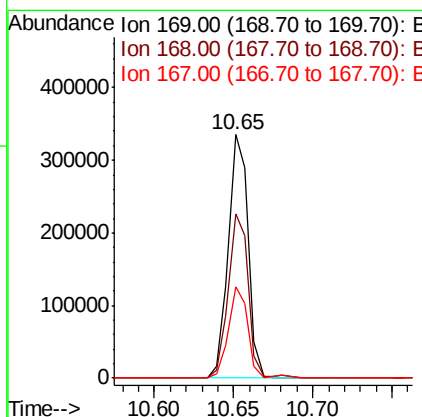
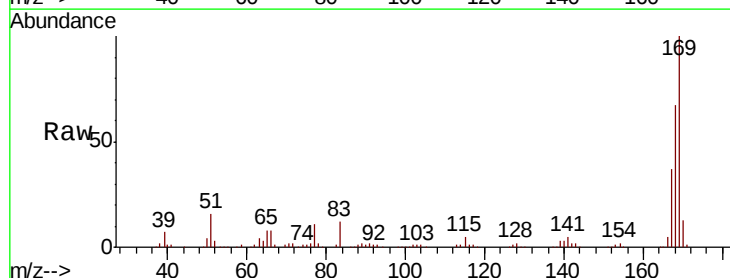
Instrument :
BNA_F
ClientSampleId :

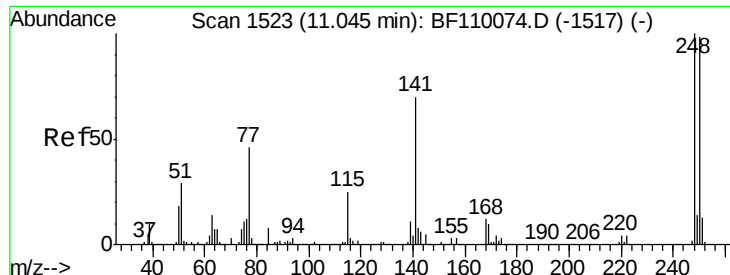
Tot Ion:198 Resp: 1759
Ion Ratio Lower Upper
198 100
51 66.4 22.8 62.8#
105 46.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 43.608 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:169 Resp: 290985
Ion Ratio Lower Upper
169 100
168 67.3 51.2 76.8
167 37.3 27.8 41.6

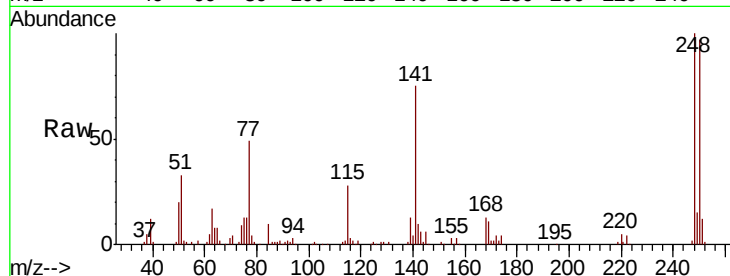




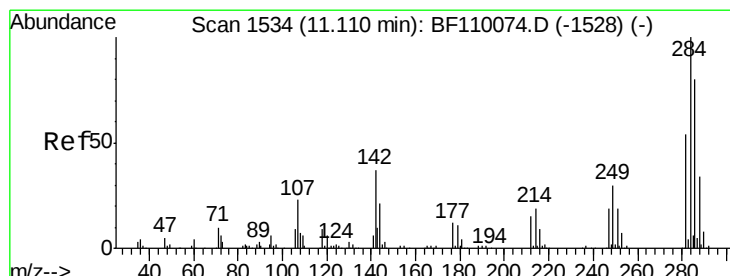
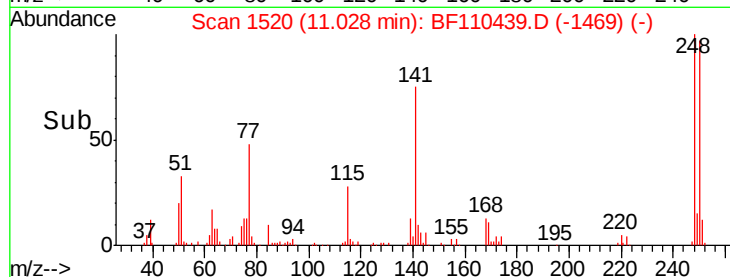
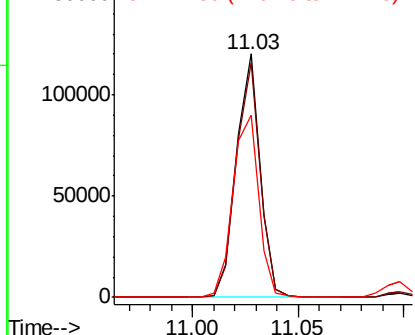
#67
4-Bromophenyl-phenylether
Concen: 42.293 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 93328
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.2
141 74.9 55.9 83.9

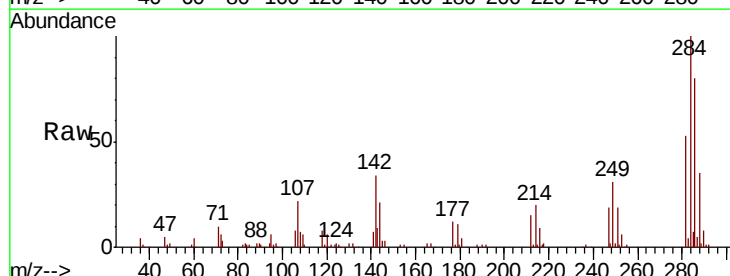


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

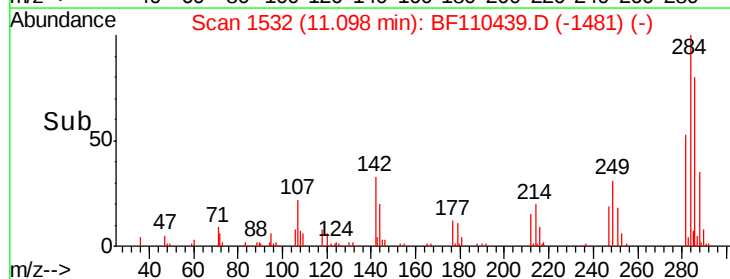
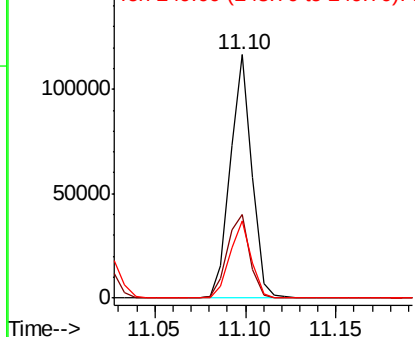


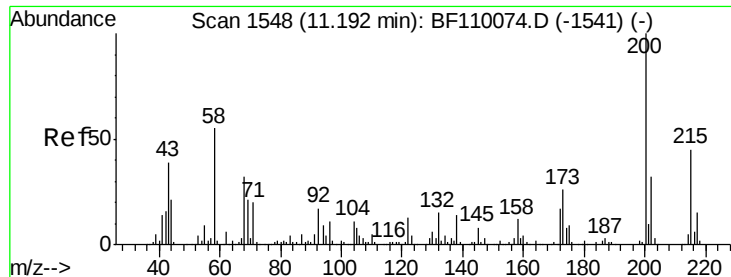
#68
Hexachlorobenzene
Concen: 41.325 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:284 Resp: 96758
Ion Ratio Lower Upper
284 100
142 34.4 23.9 35.9
249 31.5 24.2 36.2



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

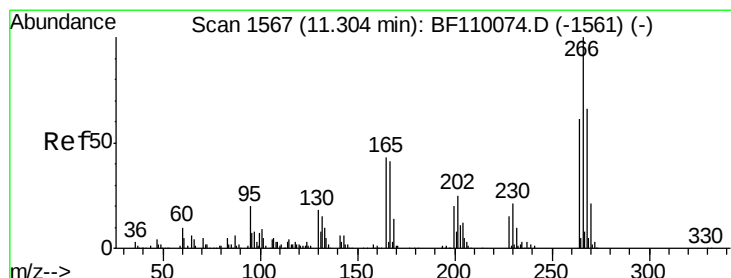
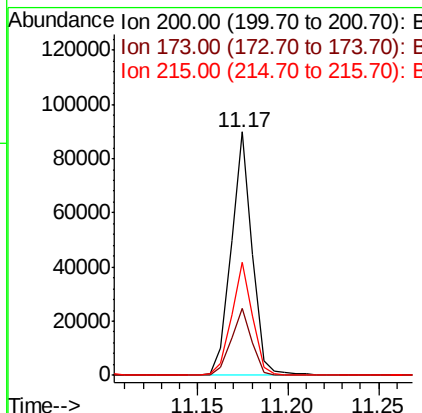
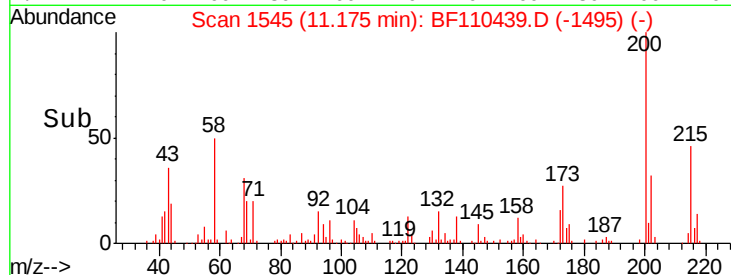
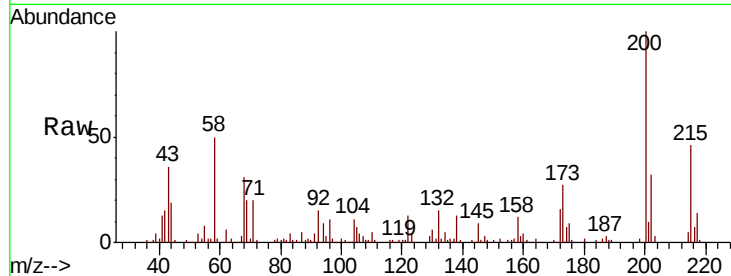




#69
 Atrazine
 Concen: 34.165 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

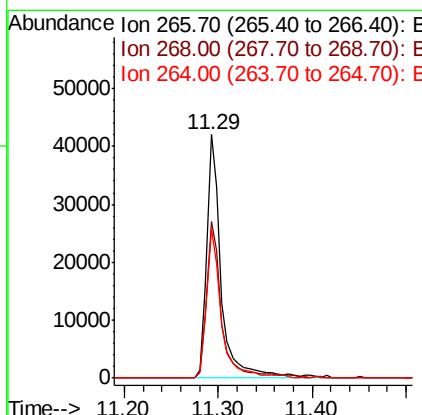
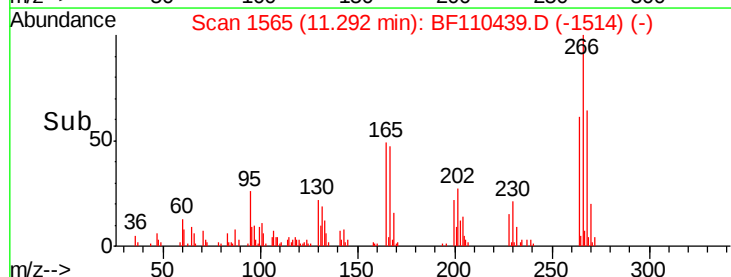
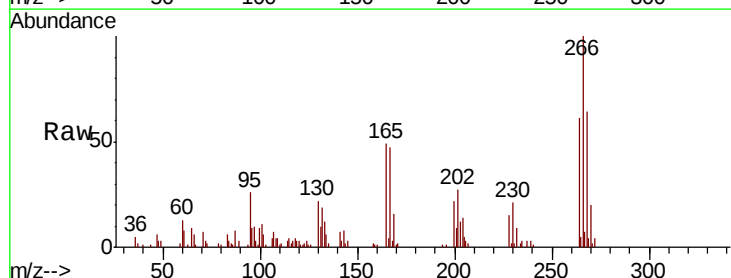
Instrument :
 BNA_F
 ClientSampleId :

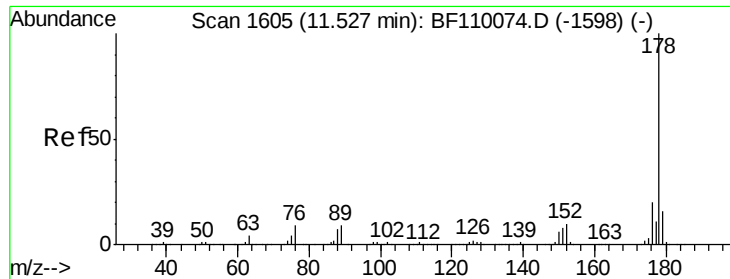
Tot Ion:200 Resp: 72046
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.6 46.6
 215 46.3 26.3 66.3



#70
 Pentachlorophenol
 Concen: 33.532 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion:266 Resp: 45781
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.6 75.8
 264 61.0 50.6 75.8

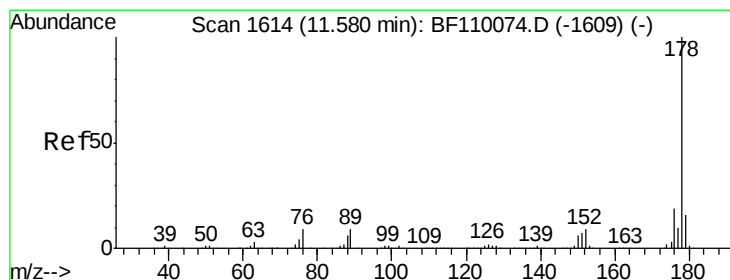
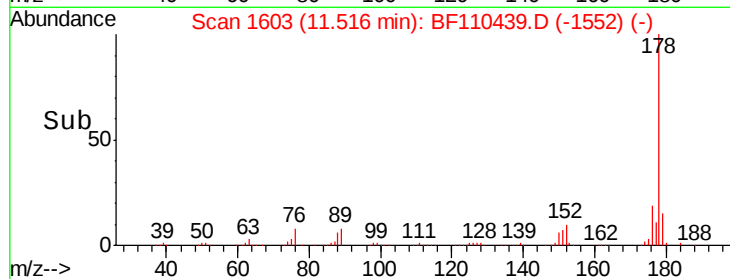
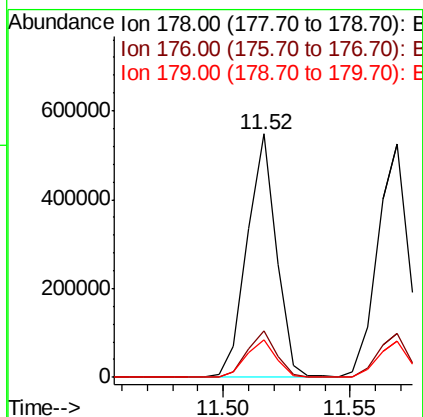
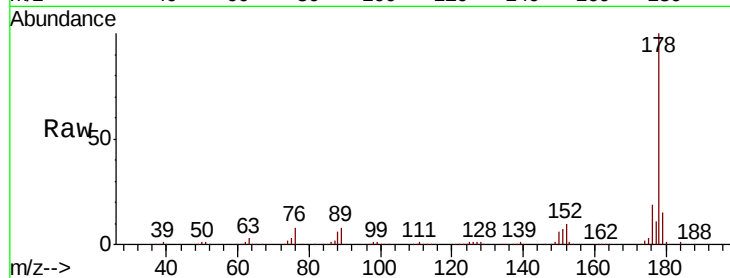




#71
Phenanthrene
Concen: 41.548 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

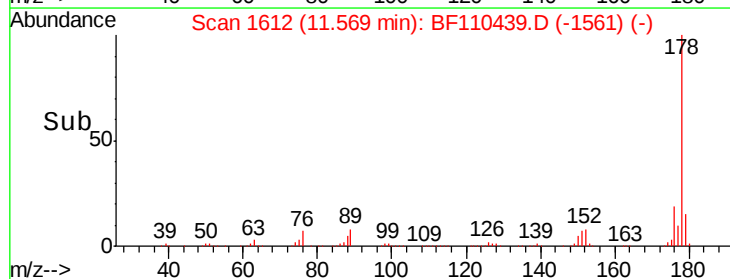
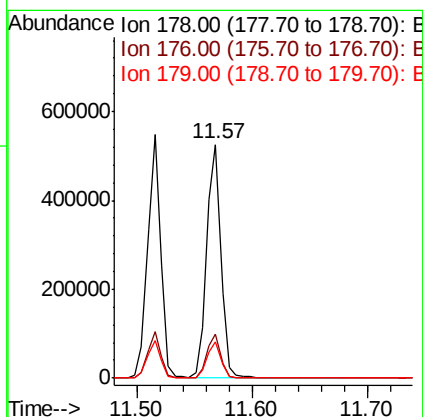
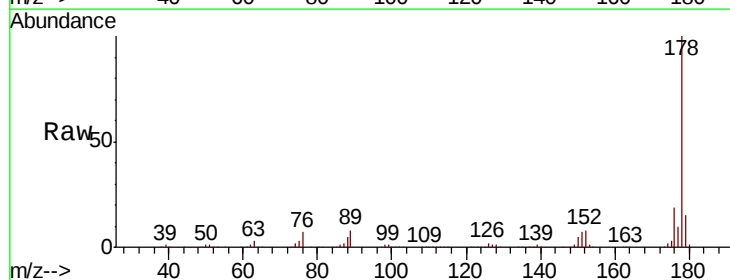
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 442270
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.5 18.7



#72
Anthracene
Concen: 42.729 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:178 Resp: 455911
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.6 18.8

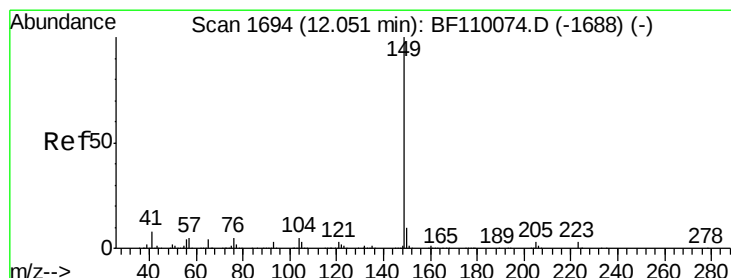
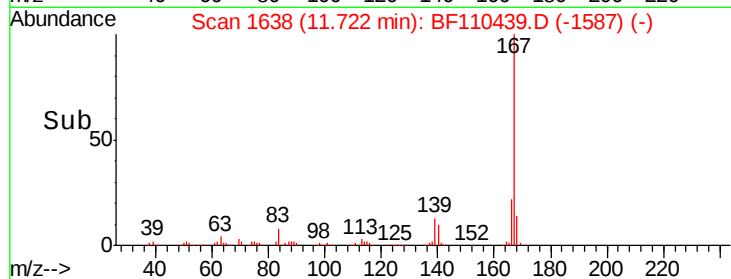
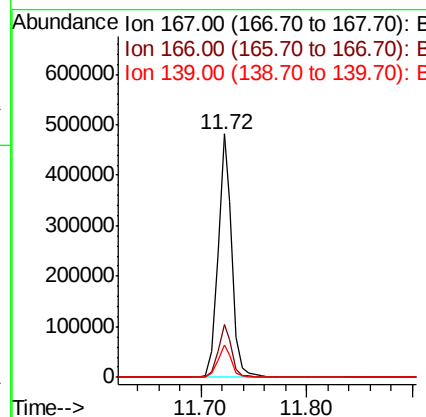
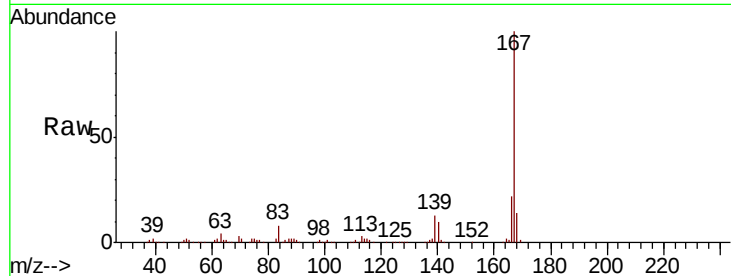




#73
 Carbazole
 Concen: 42.399 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

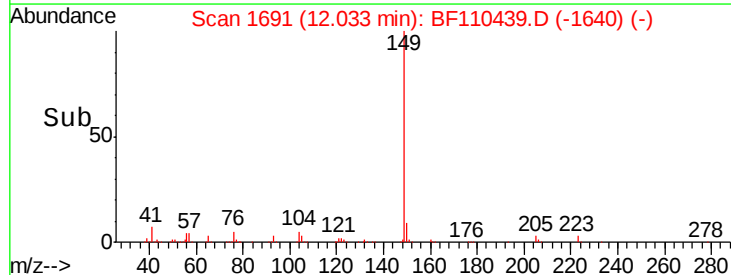
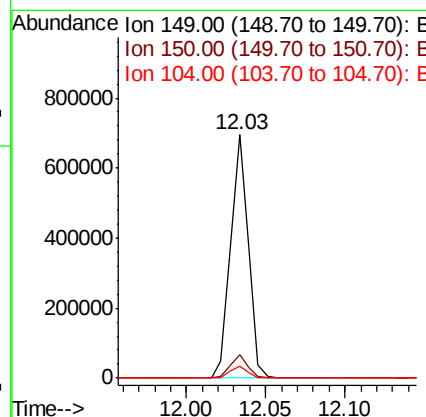
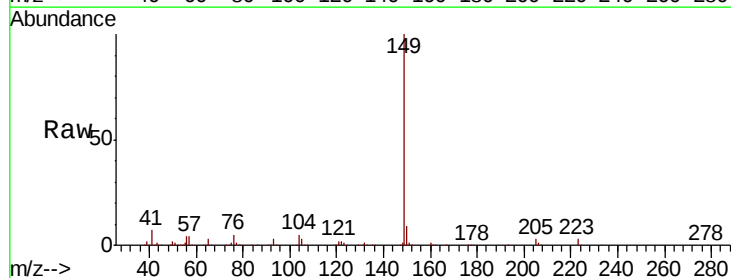
Instrument :
 BNA_F
 ClientSampleId :

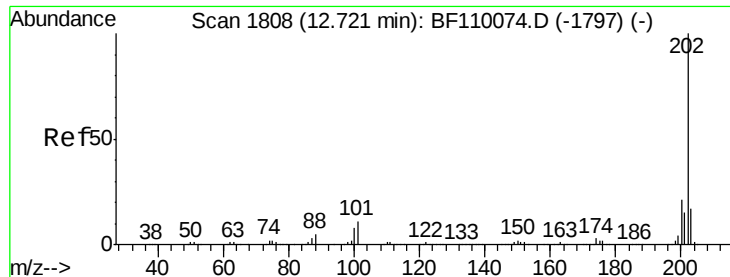
Tot Ion:167 Resp: 441708
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.480 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion:149 Resp: 535111
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.8 4.2 6.4

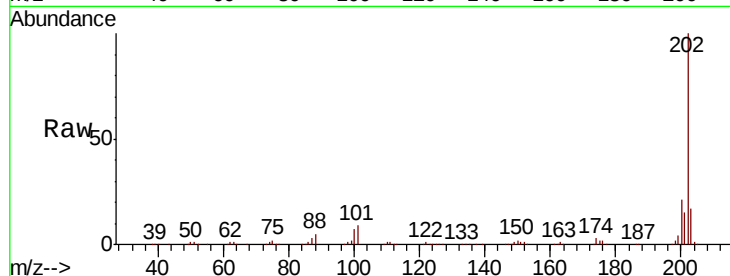




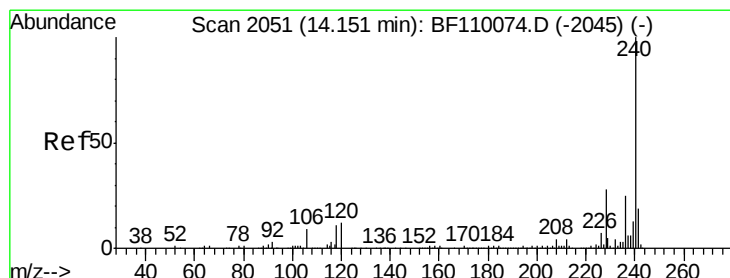
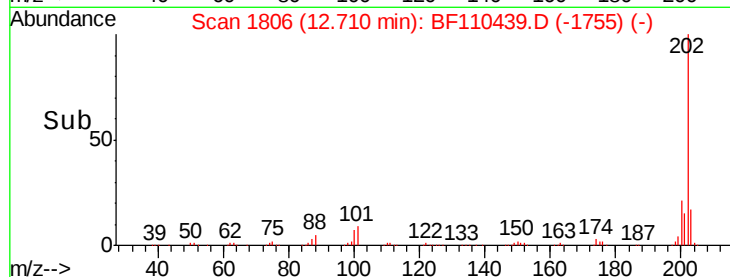
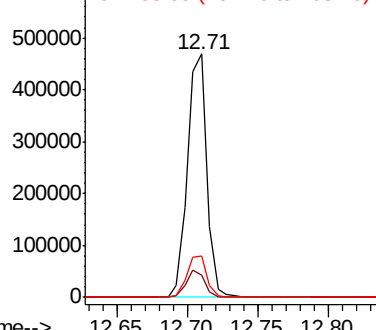
#75
Fluoranthene
Concen: 41.501 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	31.4
203	17.1	0.0	37.7

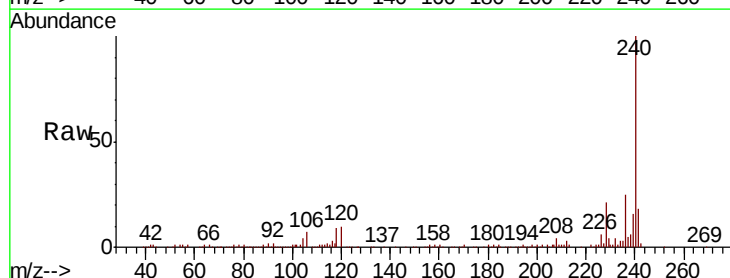


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

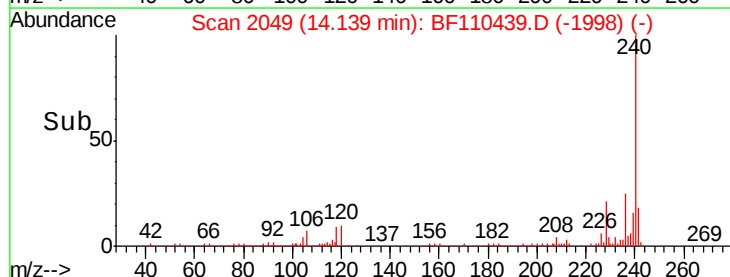
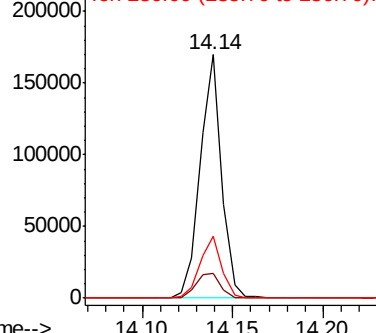


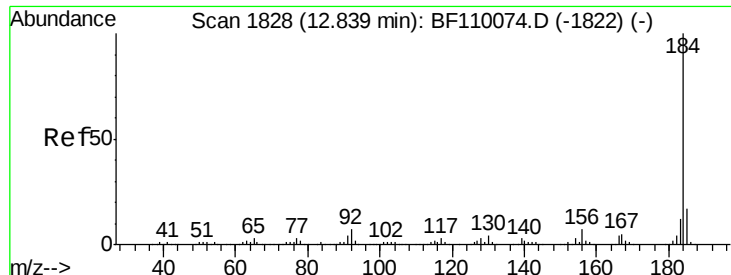
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.3	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

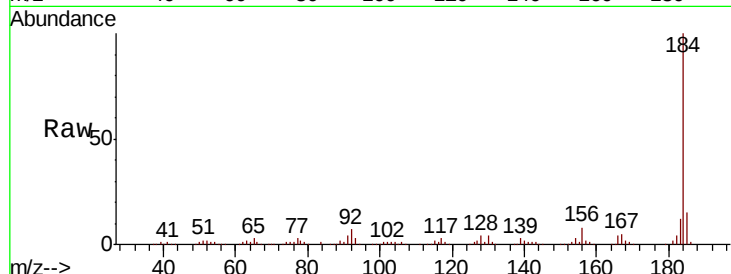
Tot Ion:184 Resp: 259553

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.2
183	12.0	9.4	14.2

184 100

185 15.4 13.4 20.2

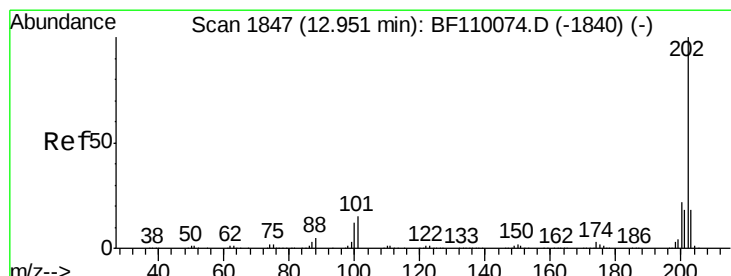
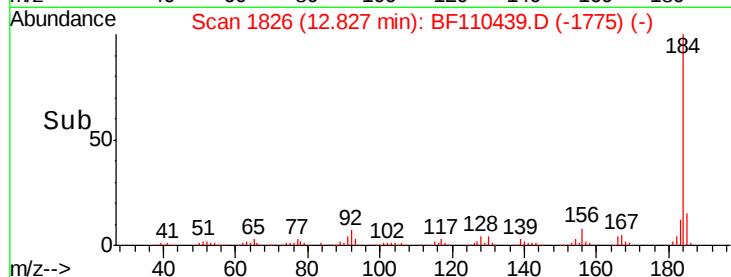
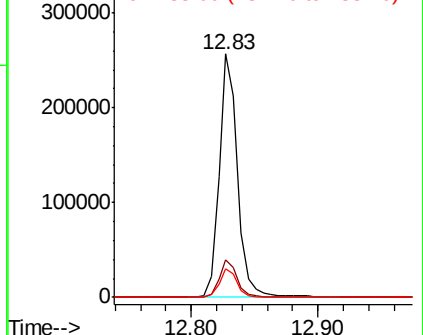
183 12.0 9.4 14.2



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: 45.623 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

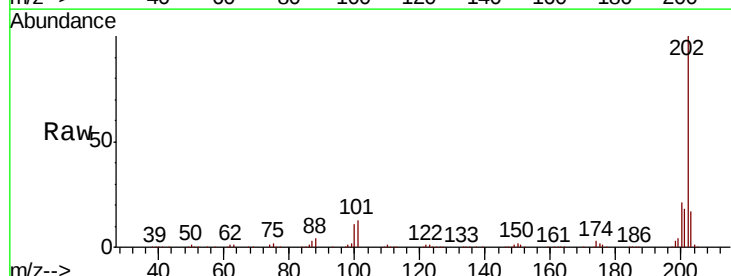
Tgt Ion:202 Resp: 456318

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	16.9	14.2	21.4

202 100

200 20.9 17.8 26.6

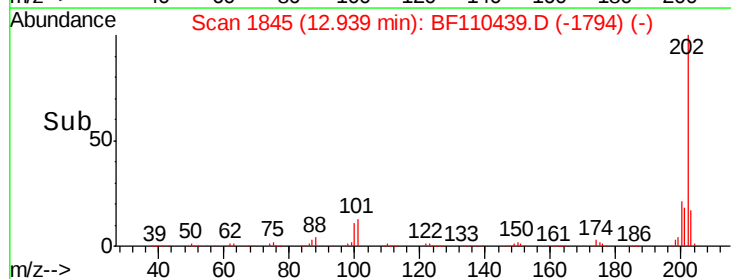
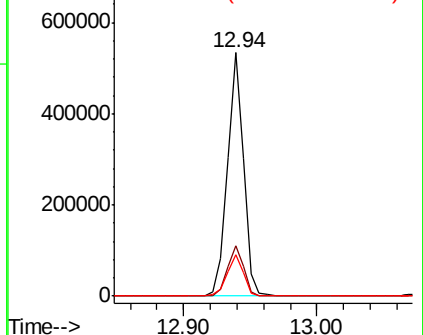
203 16.9 14.2 21.4



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: 97.816 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampled :

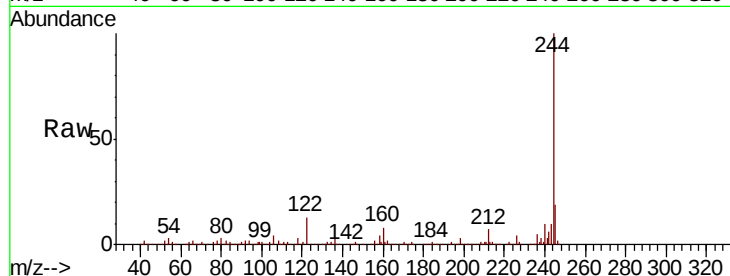
Tot Ion:244 Resp: 656190

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

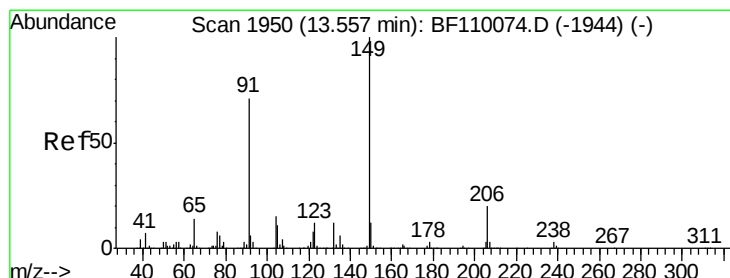
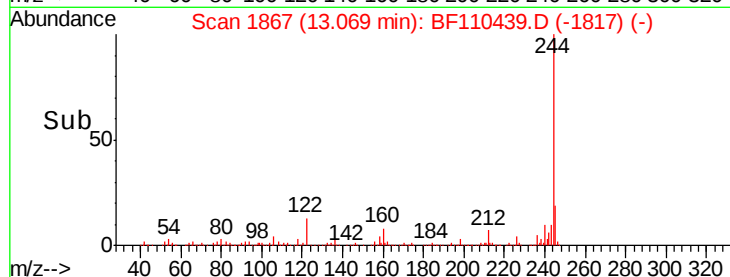
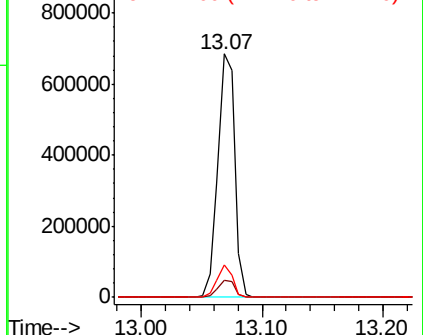
122 13.3 8.7 13.1#



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: 49.556 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

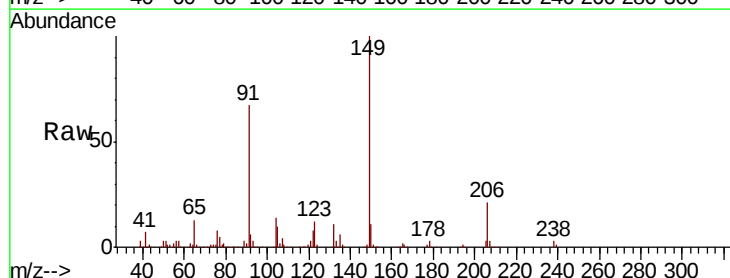
Tgt Ion:149 Resp: 215137

Ion Ratio Lower Upper

149 100

91 67.0 57.2 85.8

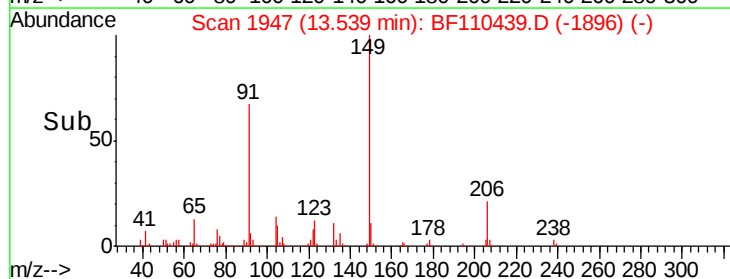
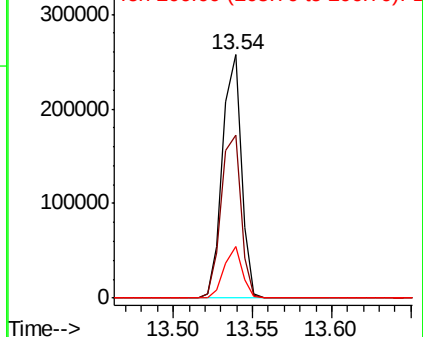
206 21.2 15.7 23.5

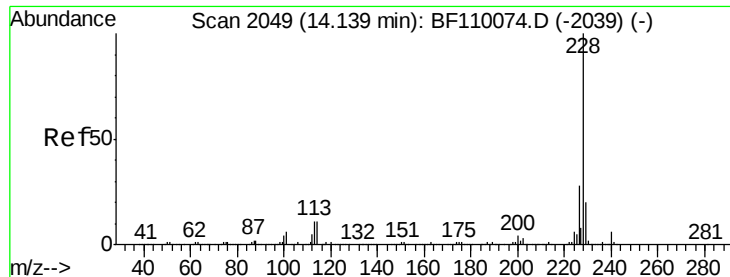


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.839 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampled :

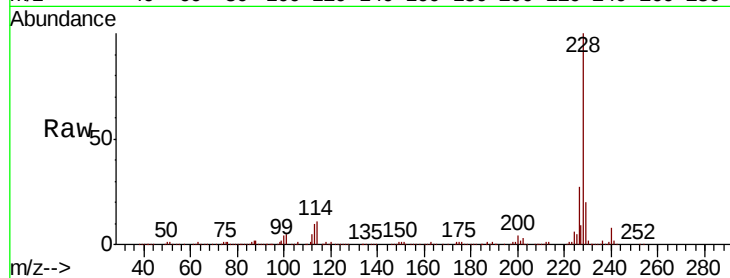
Tot Ion:228 Resp: 337885

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.9 15.6 23.4

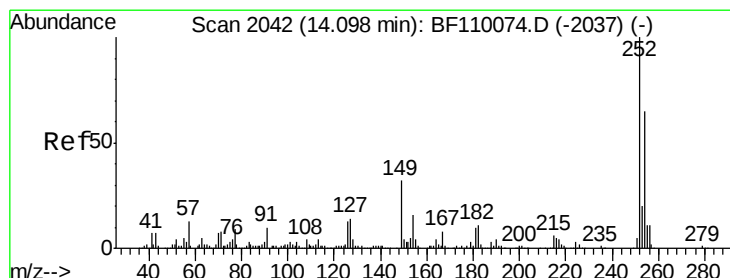
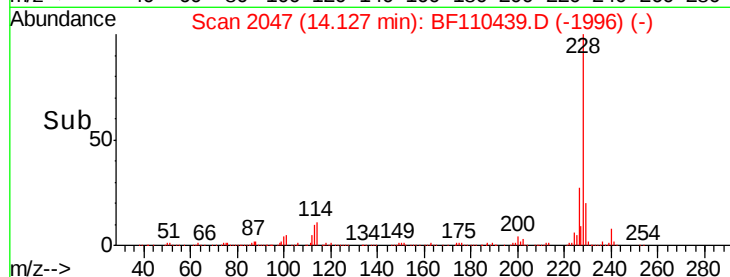
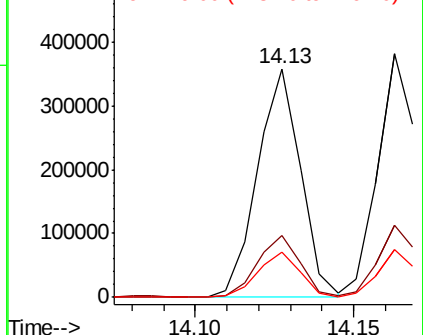


Abundance

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: 46.726 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

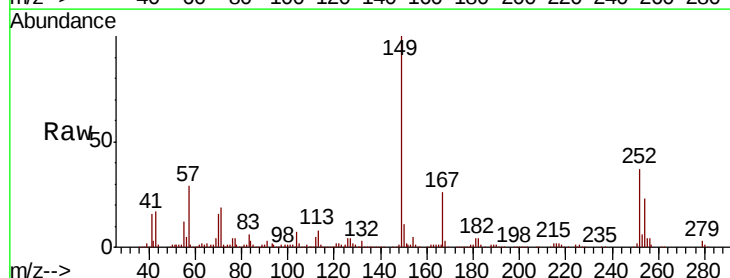
Tgt Ion:252 Resp: 134616

Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

126 10.5 9.4 14.2

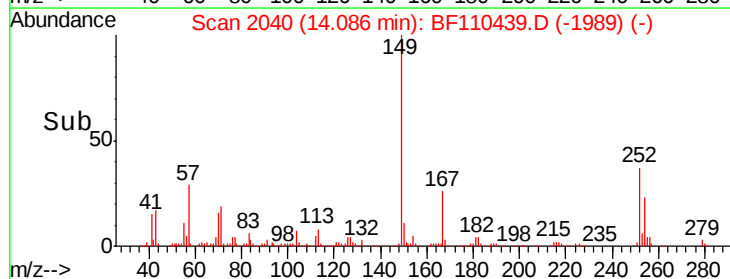
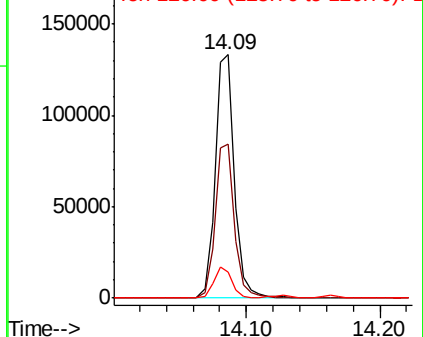


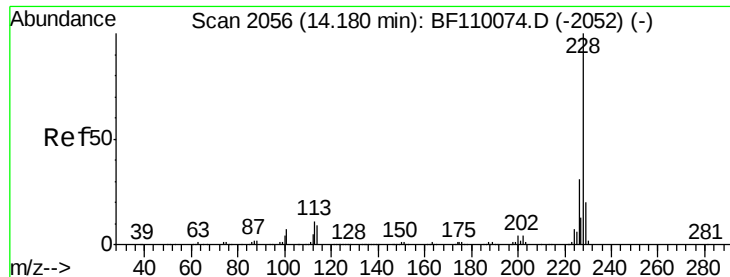
Abundance

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

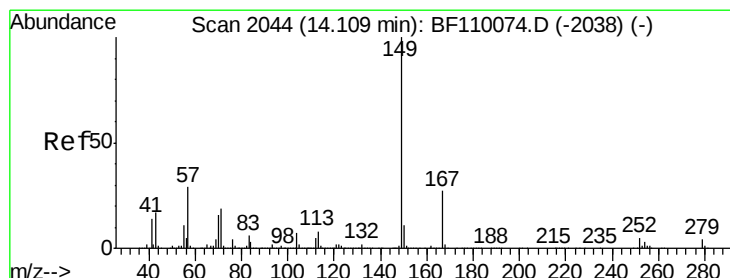
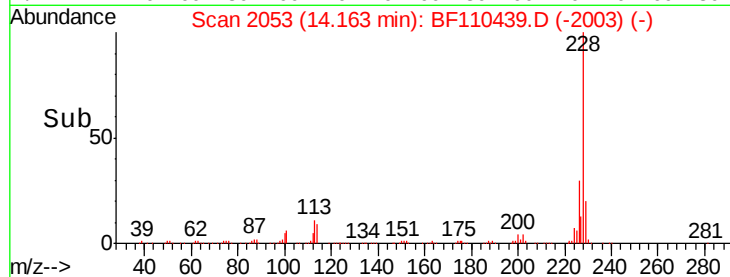
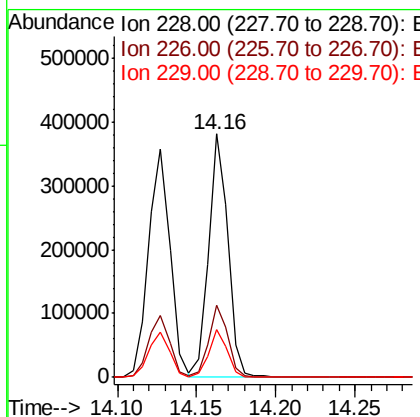
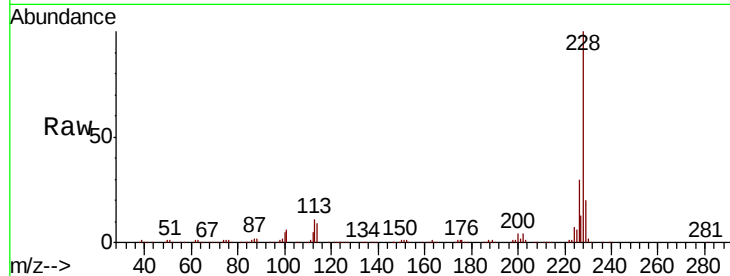




#83
 Chrvsene
 Concen: 41.392 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

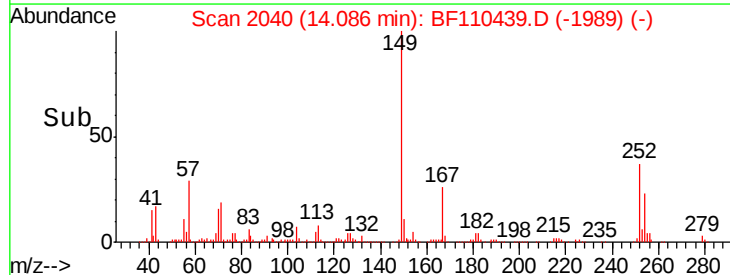
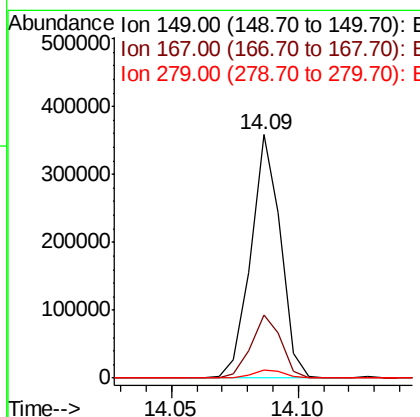
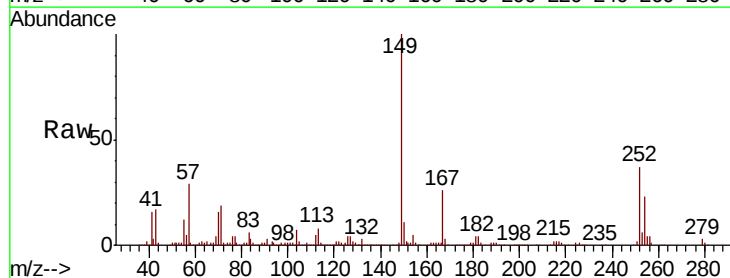
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 325269
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.7 37.1
 229 19.7 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.763 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110439.D
 Acq: 3 Nov 2018 4:17

Tgt Ion:149 Resp: 292036
 Ion Ratio Lower Upper
 149 100
 167 25.8 19.8 29.8
 279 3.1 2.7 4.1

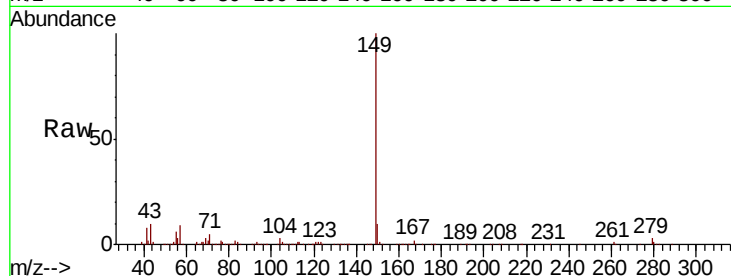




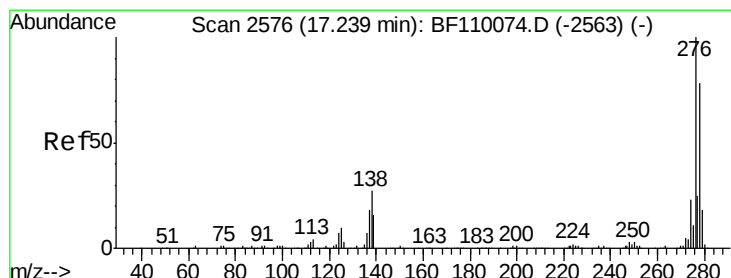
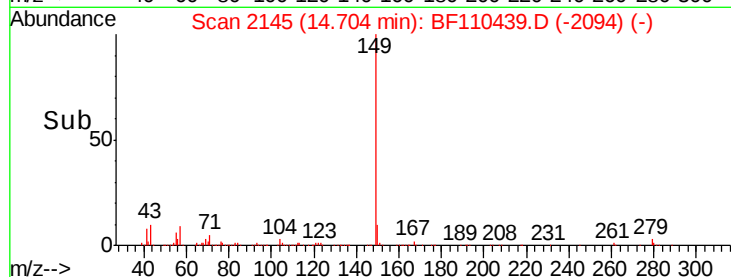
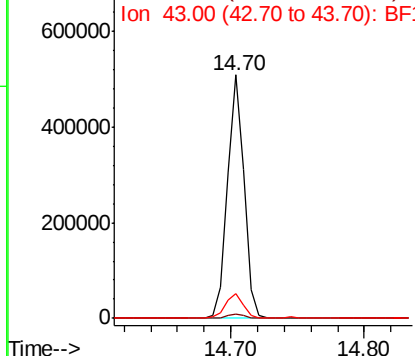
#85
Di-n-octyl phthalate
Concen: 49.048 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 447574
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 10.2 7.8 11.8

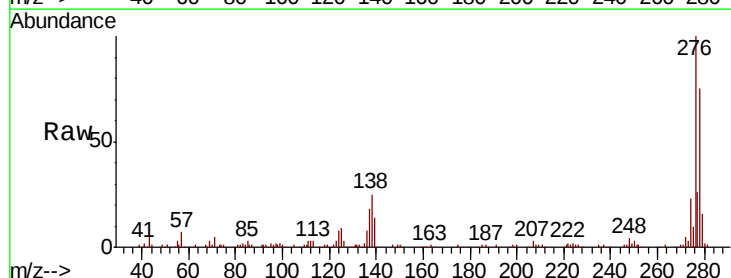


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

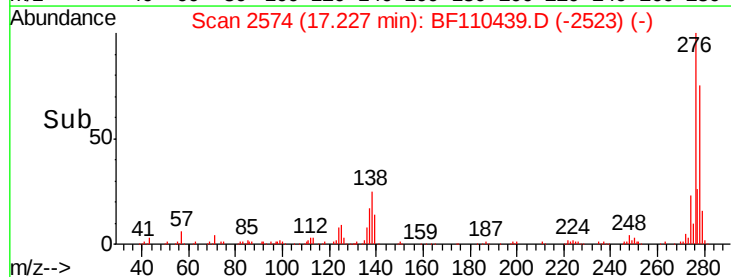
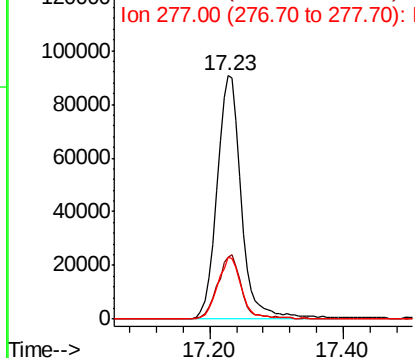


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.850 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:276 Resp: 233713
Ion Ratio Lower Upper
276 100
138 25.9 18.5 27.7
277 25.2 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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

Instrument :

BNA_F

ClientSampleId :

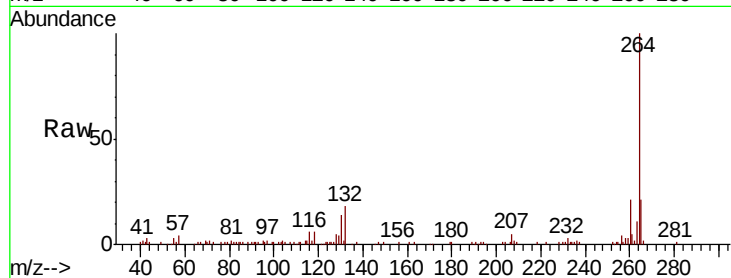
Tot Ion:264 Resp: 104521

Ion Ratio Lower Upper

264 100

260 21.1 18.7 28.1

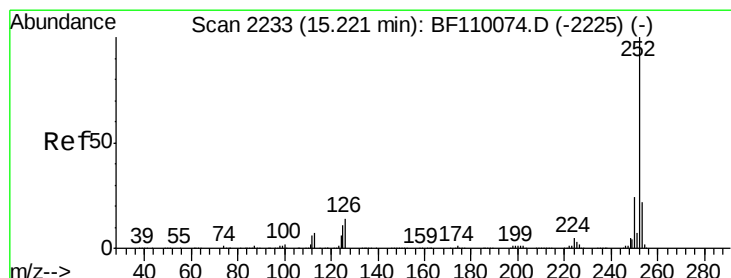
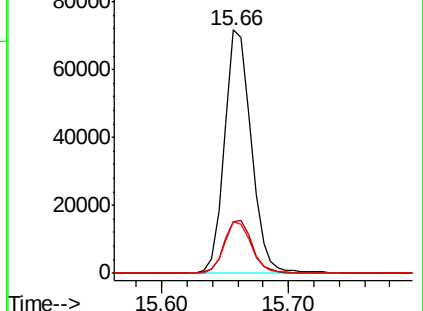
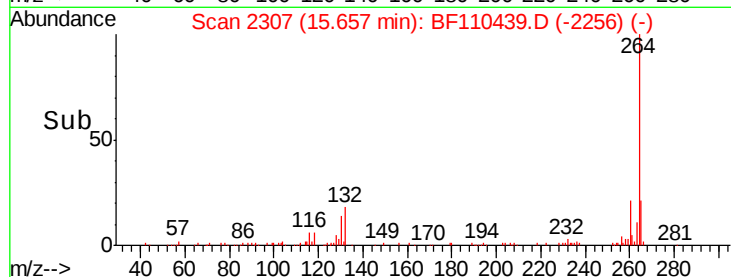
265 21.1 16.7 25.1



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: 42.049 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110439.D

Acq: 3 Nov 2018 4:17

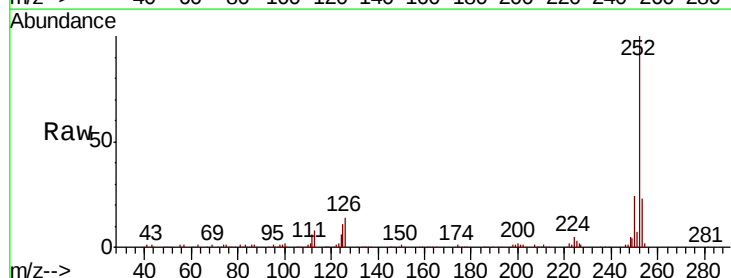
Tgt Ion:252 Resp: 253796

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

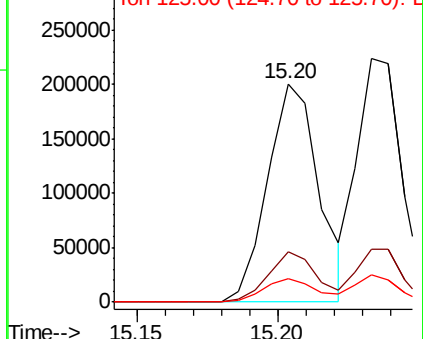
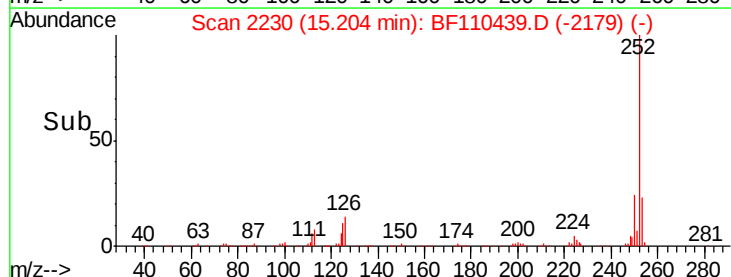
125 11.0 8.2 12.4

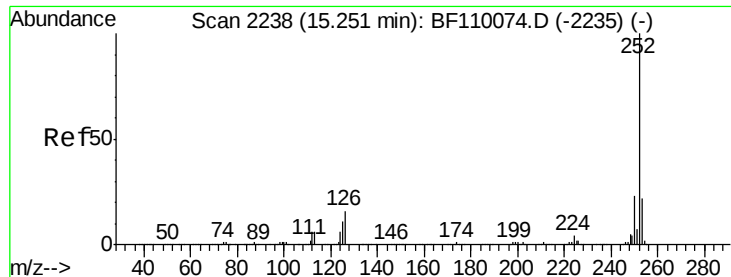


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

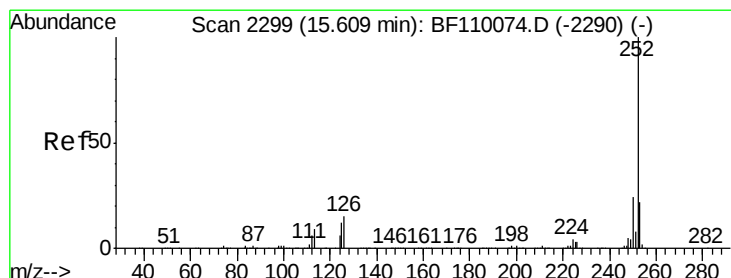
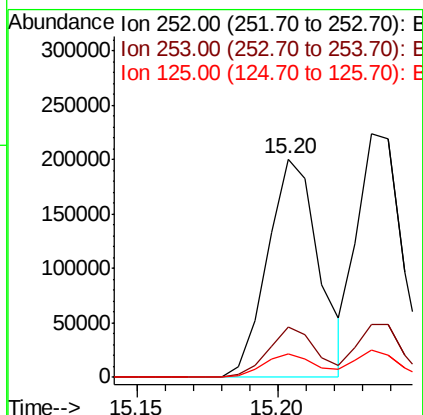
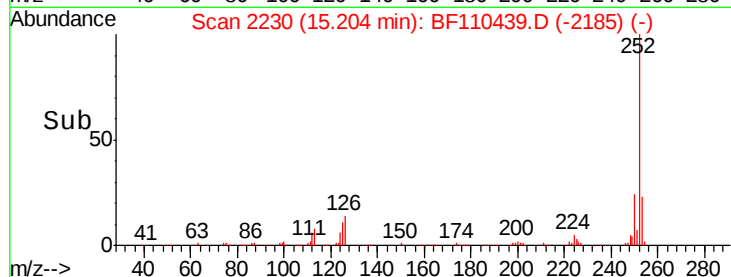
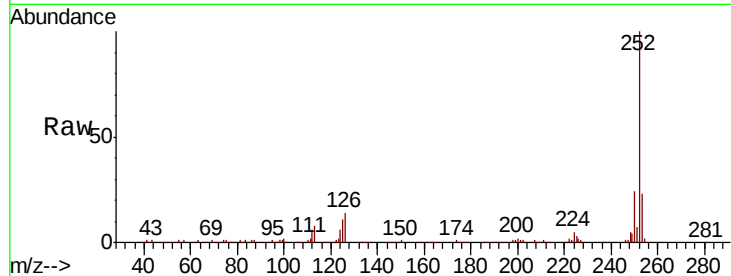




#89
Benzo(k)fluoranthene
Concen: 42.772 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

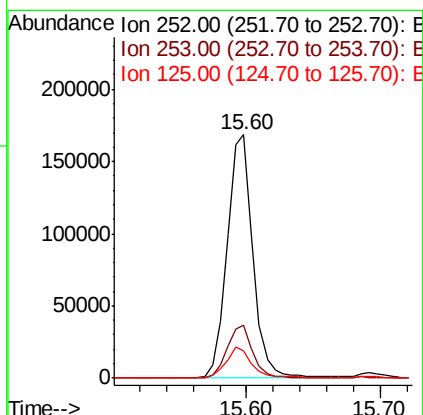
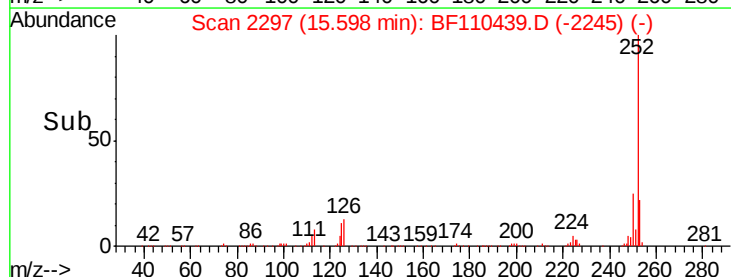
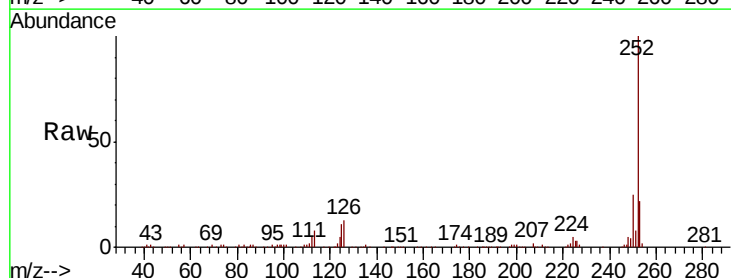
Instrument :
BNA_F
ClientSampleId :

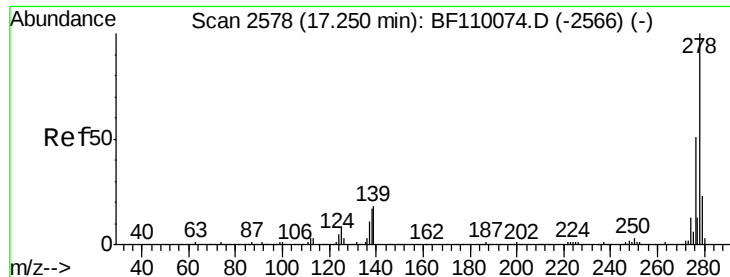
Tot Ion:252 Resp: 253796
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 11.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 41.075 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:252 Resp: 228126
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.4 9.0 13.6



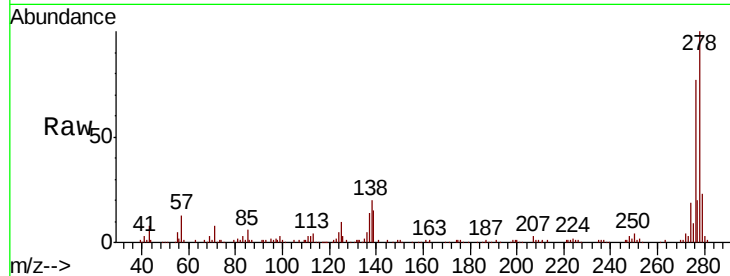


#91
Dibenzo(a,h)anthracene
Concen: 40.998 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

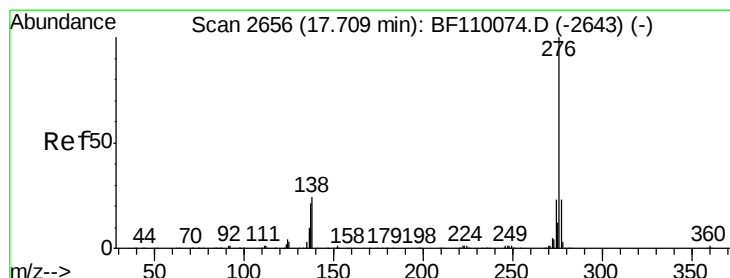
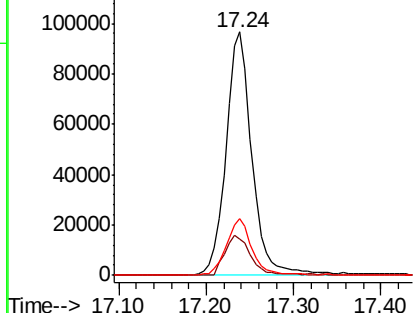
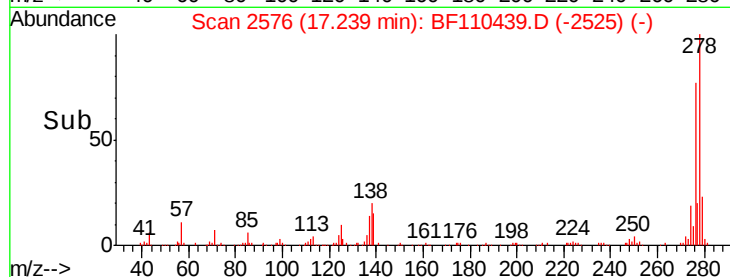
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 196469

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.7	19.1
279	23.2	19.0	28.4



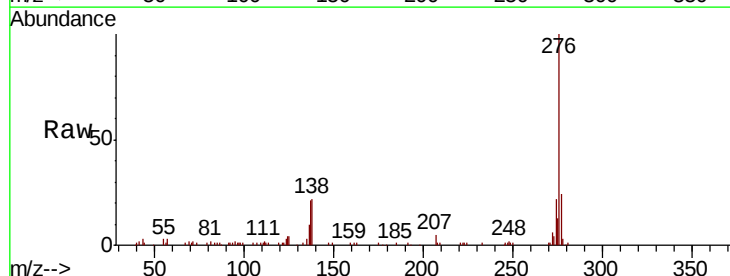
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.963 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110439.D
Acq: 3 Nov 2018 4:17

Tgt Ion:276 Resp: 179268

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.7	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

