

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110376.D
 Acq On : 1 Nov 2018 19:12
 Operator : JU/SJ
 Sample : J5747-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:42:17 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	76311	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	300286	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	130380	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	195526	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150297	20.00	ng	0.00
87) Perylene-d12	15.66	264	165595	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	484323	103.35	ng	0.00
7) Phenol-d6	6.58	99	605684	101.05	ng	0.00
23) Nitrobenzene-d5	7.52	82	378076	74.68	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	117493	90.97	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	701487	84.49	ng	0.00
79) Terphenyl-d14	13.07	244	469608	64.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	58459	23.811	ng	90
3) Pyridine	3.68	79	18757	3.430	ng	# 84
4) n-Nitrosodimethylamine	3.58	42	86189	37.620	ng	88
6) Aniline	6.62	93	143881	18.427	ng	# 52
8) 2-Chlorophenol	6.75	128	184195	34.093	ng	97
9) Benzaldehyde	6.51	77	138114	39.549	ng	95
10) Phenol	6.60	94	260814	40.707	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	169601	32.175	ng	92
12) 1,3-Dichlorobenzene	6.90	146	198061	33.312	ng	98
13) 1,4-Dichlorobenzene	6.97	146	197589	32.859	ng	97
14) 1,2-Dichlorobenzene	7.13	146	186645	33.436	ng	99
15) Benzyl Alcohol	7.09	79	160923	34.907	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	274306	32.547	ng	69
17) 2-Methylphenol	7.20	107	148406	34.467	ng	# 80
18) Hexachloroethane	7.46	117	74032	33.628	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	124038	32.257	ng	95
20) 3+4-Methylphenols	7.35	107	187579	33.703	ng	91
22) Acetophenone	7.36	105	255928	36.988	ng	95
24) Nitrobenzene	7.54	77	188702	36.102	ng	94
25) Isophorone	7.77	82	338744	39.252	ng	97
26) 2-Nitrophenol	7.85	139	95232	38.287	ng	99
27) 2,4-Dimethylphenol	7.88	122	156408	37.928	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	213852	36.477	ng	99
29) 2,4-Dichlorophenol	8.09	162	146485	35.160	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	164188	35.183	ng	97
31) Naphthalene	8.26	128	526396	38.035	ng	100
32) Benzoic acid	7.96	122	26266	8.241	ng	90
33) 4-Chloroaniline	8.31	127	126657	20.334	ng	96
34) Hexachlorobutadiene	8.37	225	92538	35.713	ng	98
35) Caprolactam	8.69	113	16362	11.268	ng	95
36) 4-Chloro-3-methylphenol	8.79	107	151940	33.725	ng	95
37) 2-Methylnaphthalene	8.95	142	355607	38.835	ng	99
38) 1-Methylnaphthalene	9.05	142	332164	37.537	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	152653	37.577	ng	98

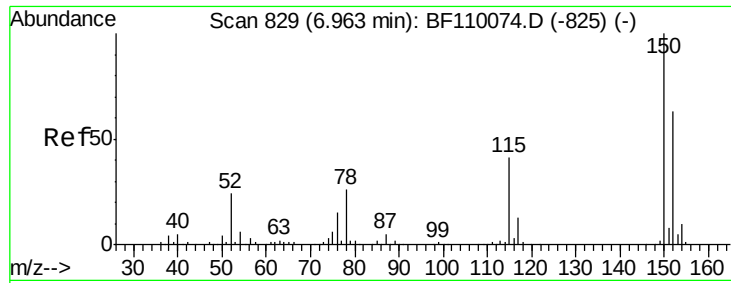
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110376.D
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 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	105213	50.651	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	93434	35.659	ng	92
44) 2,4,5-Trichlorophenol	9.27	196	98766	35.660	ng	95
46) 1,1'-Biphenyl	9.42	154	426772	36.197	ng	98
47) 2-Chloronaphthalene	9.45	162	316658	36.614	ng	99
48) 2-Nitroaniline	9.54	65	91263	34.823	ng	95
49) Acenaphthylene	9.86	152	483540	38.710	ng	99
50) Dimethylphthalate	9.71	163	423618	44.015	ng	99
51) 2,6-Dinitrotoluene	9.78	165	73626	35.515	ng	89
52) Acenaphthene	10.03	154	283431	34.298	ng	97
53) 3-Nitroaniline	9.95	138	62782	25.466	ng	93
54) 2,4-Dinitrophenol	10.06	184	24782	33.347	ng	86
55) Dibenzofuran	10.20	168	410813	35.507	ng	97
56) 4-Nitrophenol	10.11	139	124098	68.013	ng	96
57) 2,4-Dinitrotoluene	10.19	165	94914	36.045	ng	88
58) Fluorene	10.55	166	317262	36.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	72860	32.275	ng	93
60) Diethylphthalate	10.41	149	330480	35.176	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	153518	33.796	ng	99
62) 4-Nitroaniline	10.56	138	63901	26.061	ng	95
63) Azobenzene	10.70	77	314553	33.731	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	26265	29.402	ng	99
66) n-Nitrosodiphenylamine	10.65	169	261781	40.819	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	85791	40.450	ng	97
68) Hexachlorobenzene	11.10	284	87309	38.798	ng	98
69) Atrazine	11.17	200	76220	37.607	ng	100
70) Pentachlorophenol	11.29	266	63525	48.412	ng	96
71) Phenanthrene	11.52	178	404527	39.540	ng	99
72) Anthracene	11.57	178	413375	40.311	ng	98
73) Carbazole	11.72	167	321584	32.118	ng	100
74) Di-n-butylphthalate	12.03	149	439903	38.901	ng	98
75) Fluoranthene	12.70	202	361117	34.779	ng	99
77) Benzidine	13.07	184	6241	0.231	ng	# 93
78) Pyrene	12.94	202	350306	32.511	ng	97
80) Butylbenzylphthalate	13.53	149	155243	33.194	ng	96
81) Benzo(a)anthracene	14.12	228	342674	38.447	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	77128	24.851	ng	99
83) Chrysene	14.16	228	320318	37.838	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	222275	35.159	ng	97
85) Di-n-octyl phthalate	14.70	149	416881	42.407	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	376690	53.637	ng	98
88) Benzo(b)fluoranthene	15.20	252	349950	36.596	ng	100
89) Benzo(k)fluoranthene	15.23	252	342034	36.383	ng	99
90) Benzo(a)pyrene	15.59	252	345403	39.255	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	311535	41.033	ng	99
92) Benzo(g,h,i)perylene	17.70	276	293349	39.210	ng	98

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

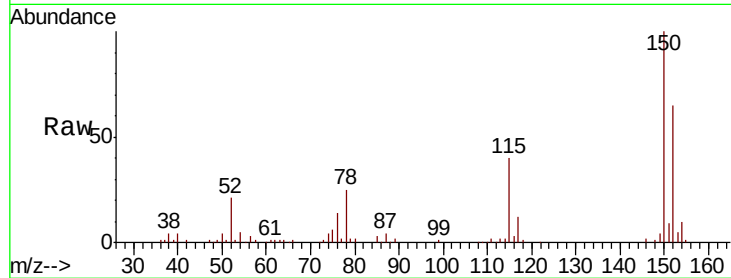


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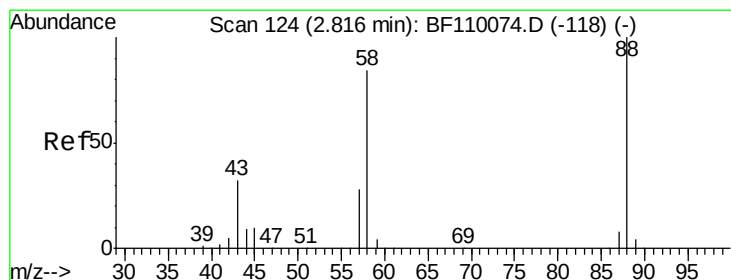
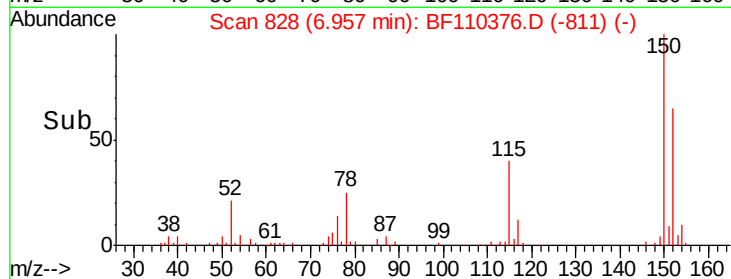
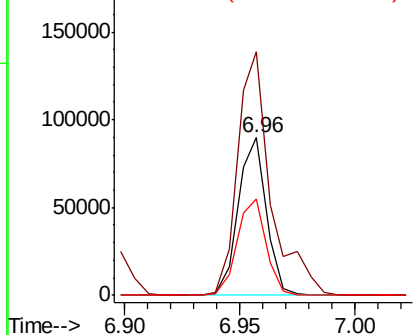
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76311
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 61.1 49.1 73.7



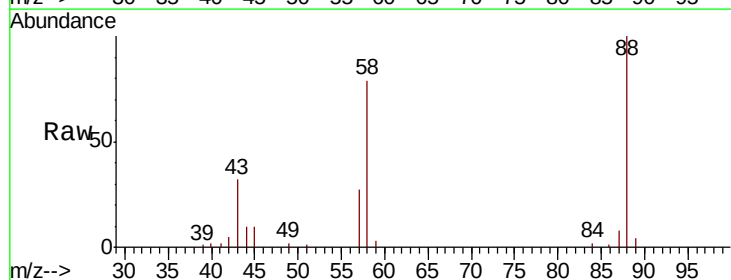
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



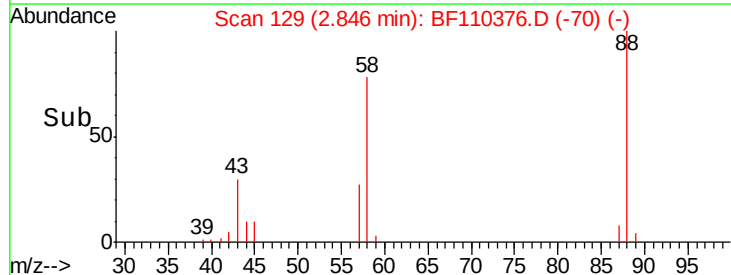
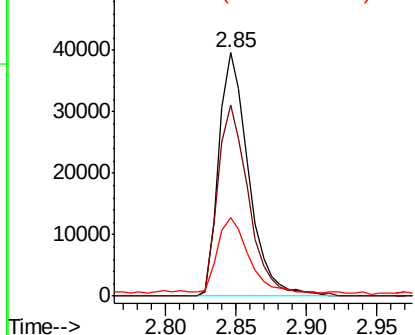
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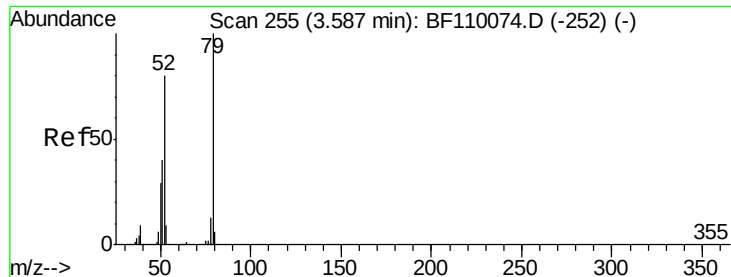
1,4-Dioxane
Concen: 23.811 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.05 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion: 88 Resp: 58459
Ion Ratio Lower Upper
88 100
58 81.5 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: 3.430 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.09 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

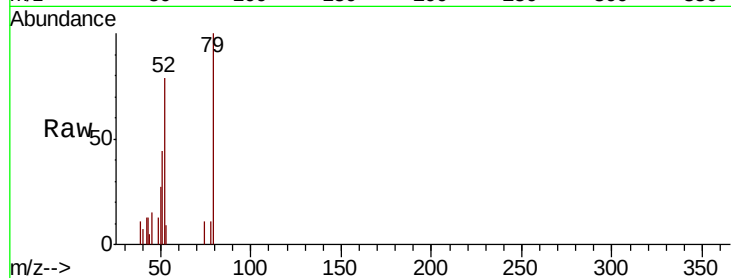
Tot Ion: 79 Resp: 18757

Ion Ratio Lower Upper

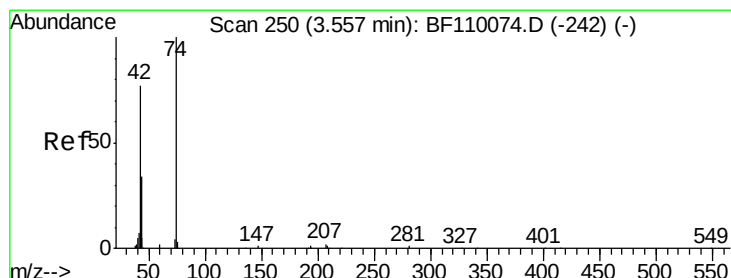
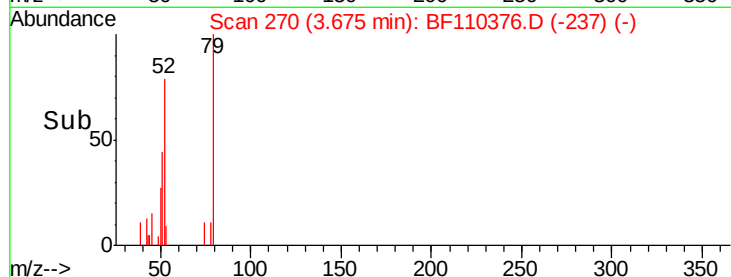
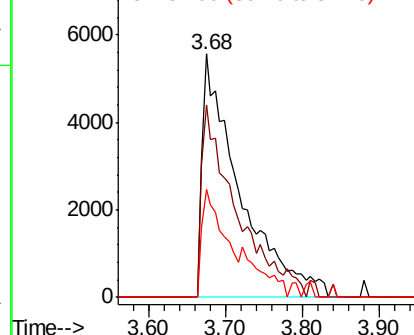
79 100

52 79.2 53.1 79.7

51 44.3 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.620 ng

RT: 3.58 min Scan# 253

Delta R.T. 0.03 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

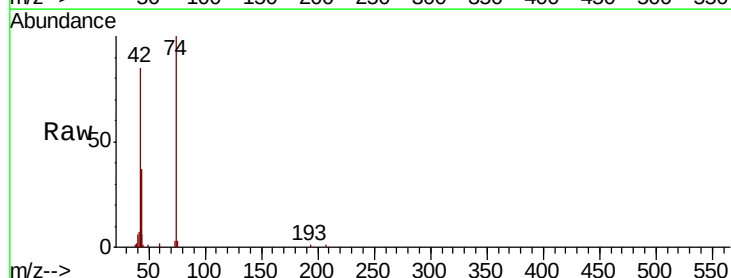
Tgt Ion: 42 Resp: 86189

Ion Ratio Lower Upper

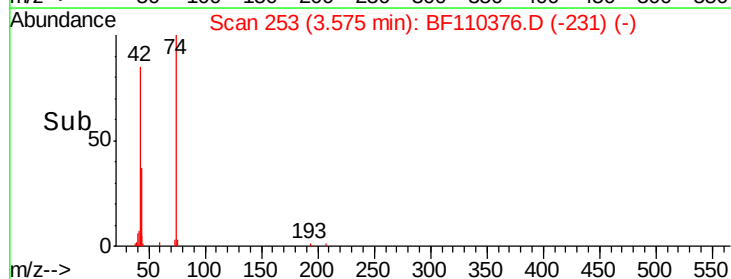
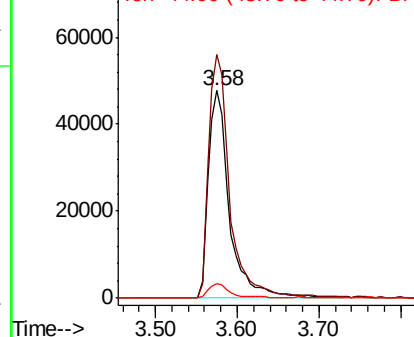
42 100

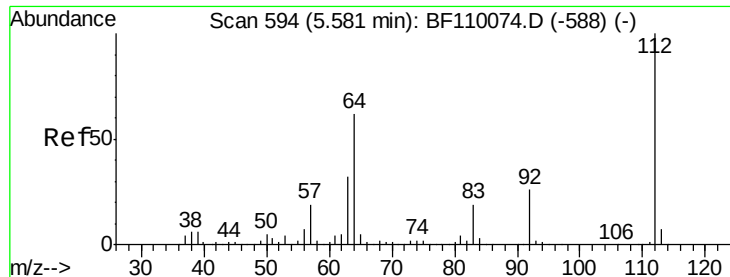
74 117.4 105.5 158.3

44 6.9 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.353 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

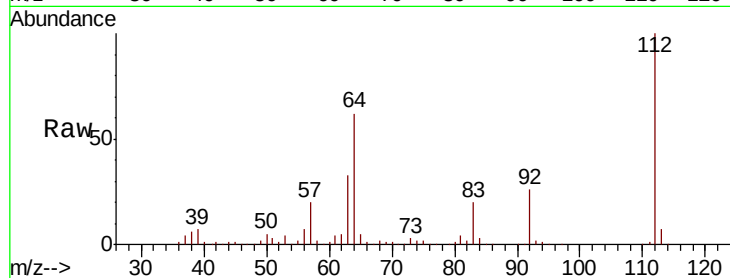
Tot Ion:112 Resp: 484323

Ion Ratio Lower Upper

112 100

64 62.1 44.1 66.1

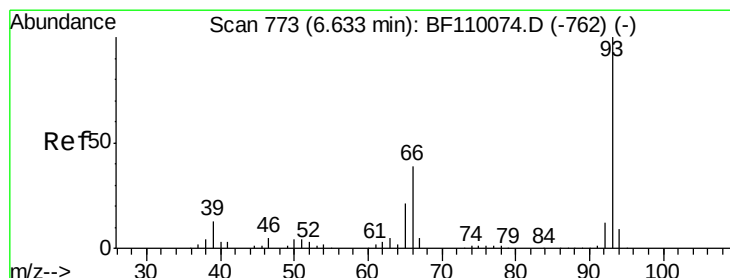
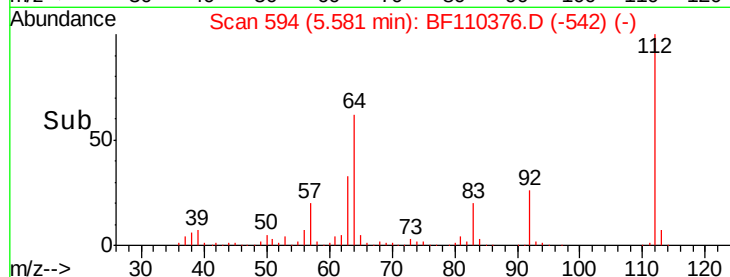
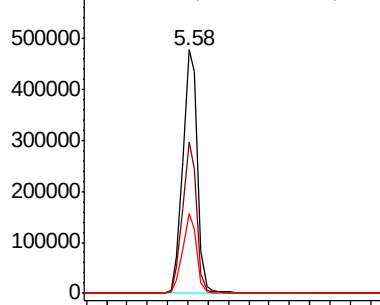
63 33.0 23.7 35.5



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: 18.427 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

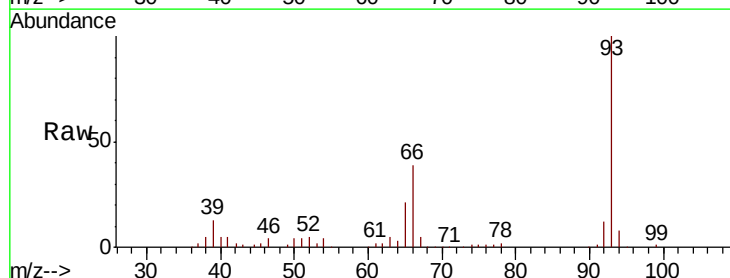
Tgt Ion: 93 Resp: 143881

Ion Ratio Lower Upper

93 100

66 39.1 67.4 101.0#

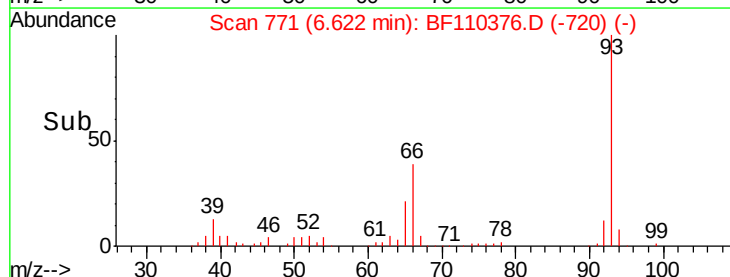
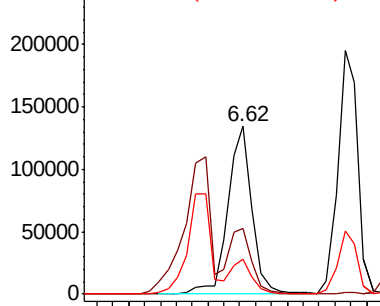
65 20.5 41.0 61.4#

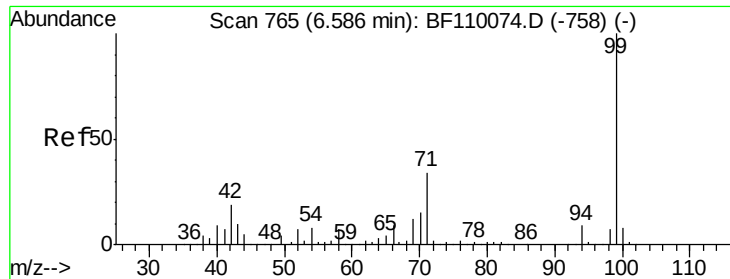


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.050 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

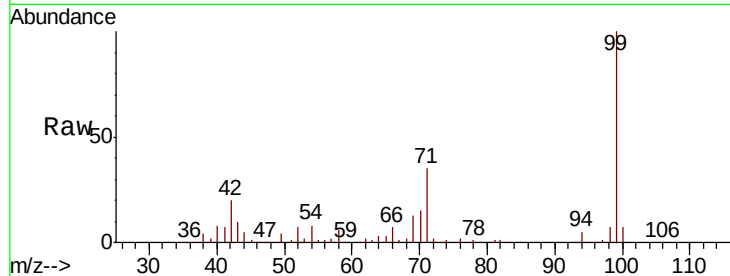
Tot Ion: 99 Resp: 605684

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

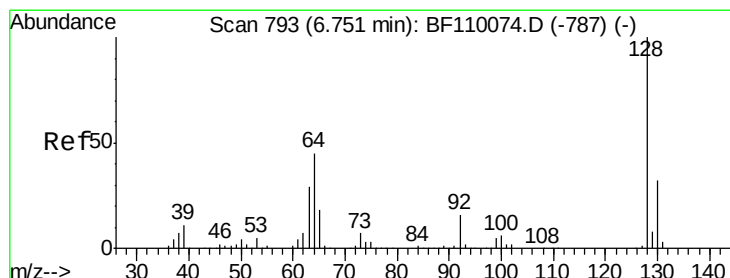
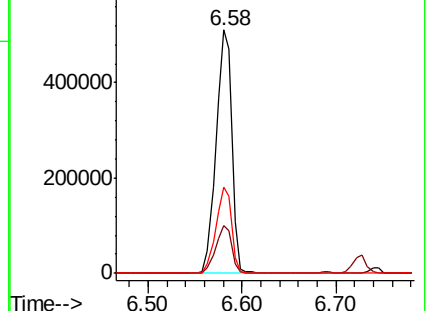
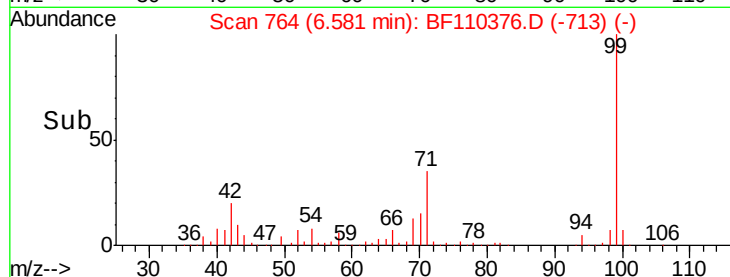
71 35.4 28.0 42.0



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: 34.093 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

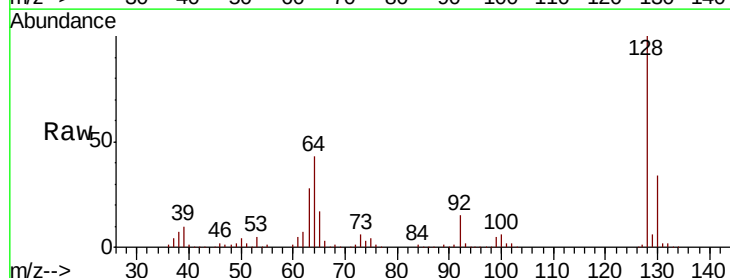
Tgt Ion: 128 Resp: 184195

Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

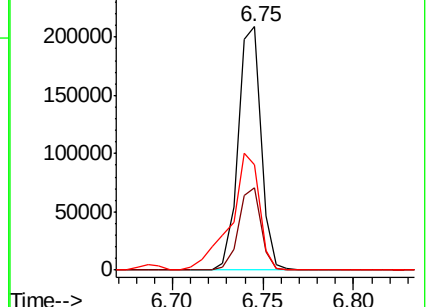
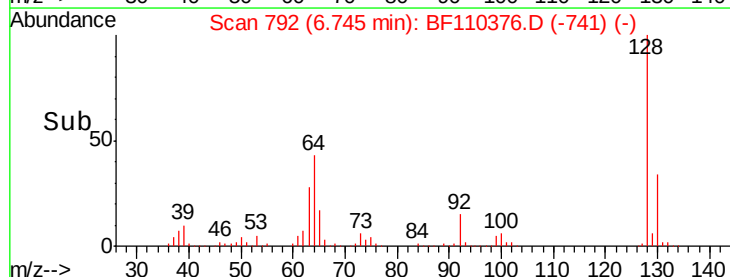
64 43.5 26.0 66.0

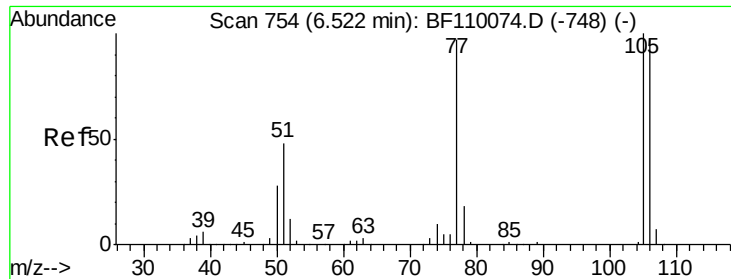


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.549 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

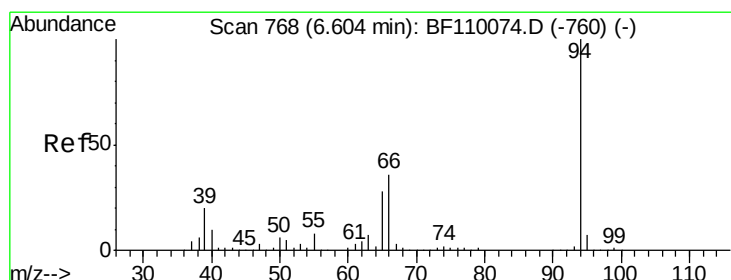
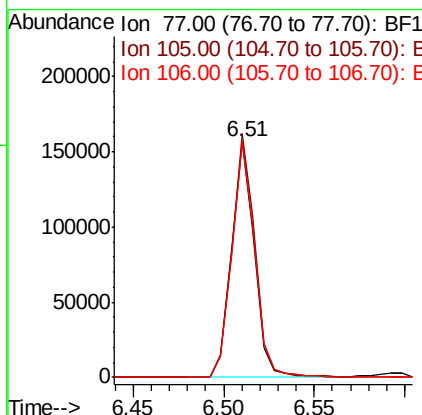
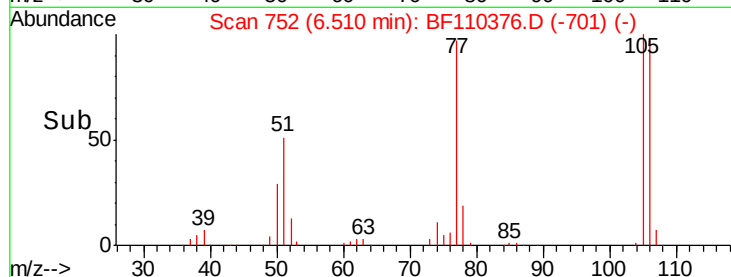
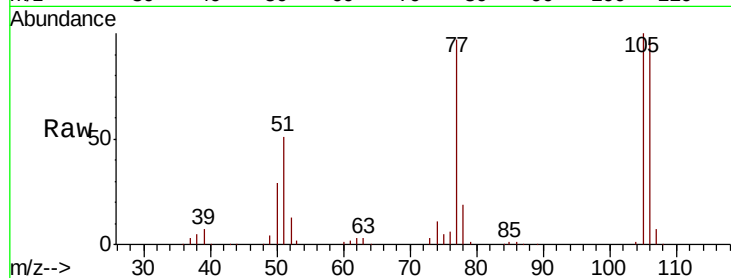
Tot Ion: 77 Resp: 138114

Ion Ratio Lower Upper

77 100

105 103.2 78.6 118.6

106 100.1 74.8 114.8



#10

Phenol

Concen: 40.707 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

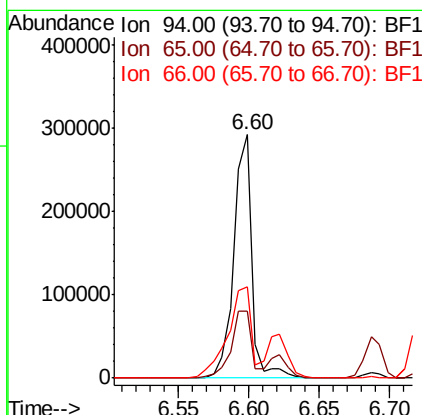
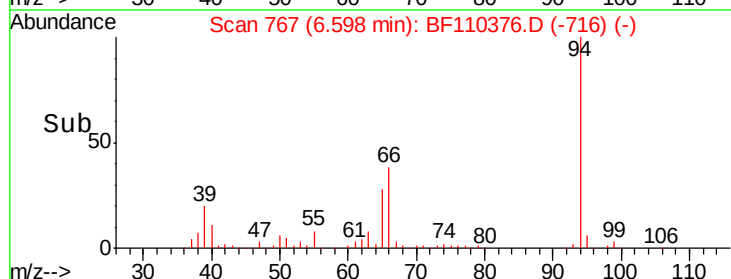
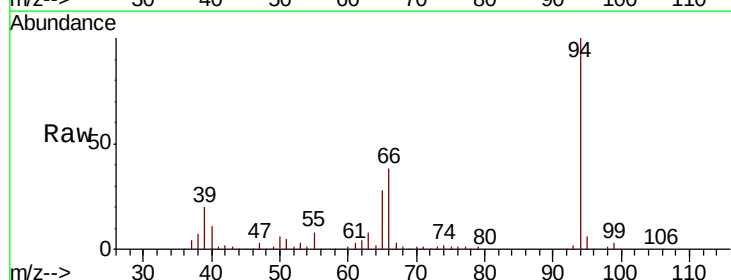
Tgt Ion: 94 Resp: 260814

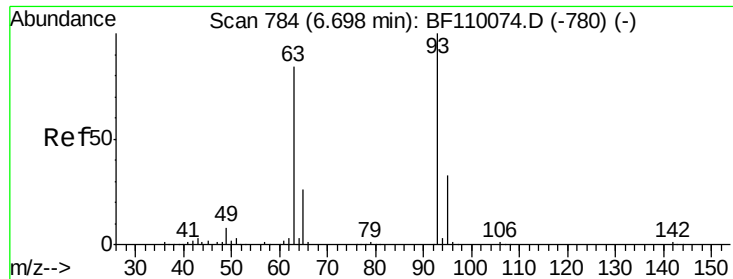
Ion Ratio Lower Upper

94 100

65 27.6 25.3 65.3

66 37.6 54.5 94.5#



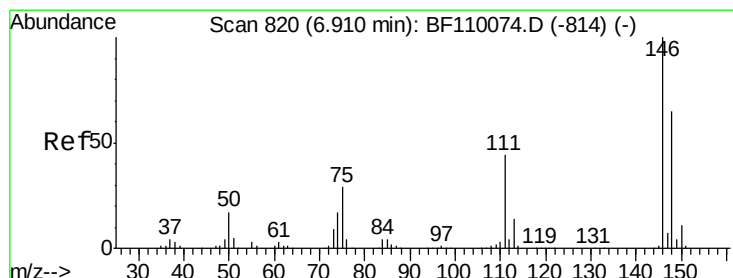
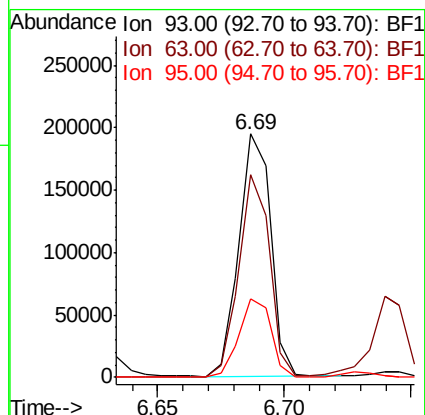
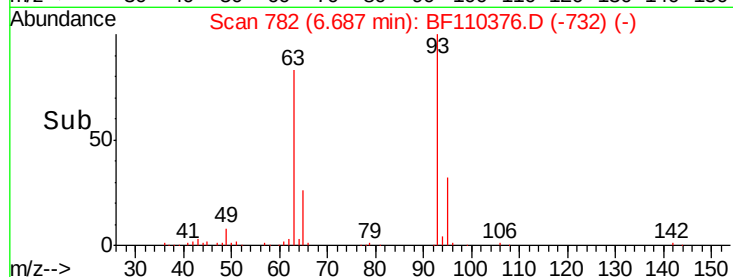
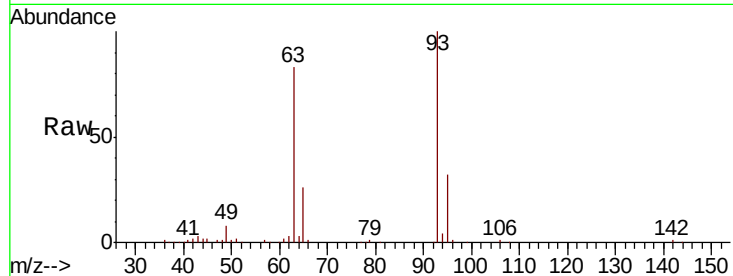


#11

bis(2-Chloroethyl)ether
Concen: 32.175 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampleId :

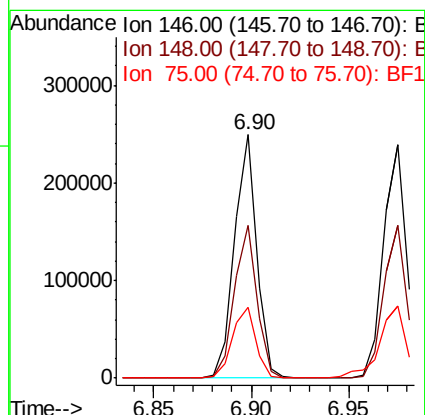
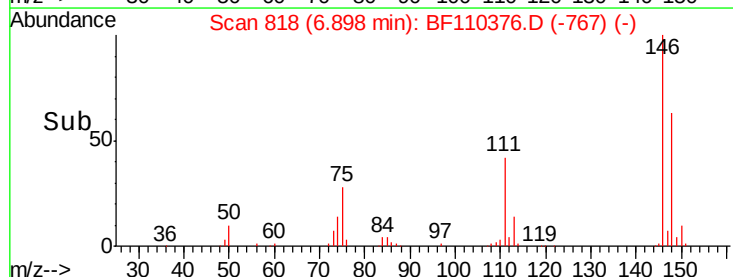
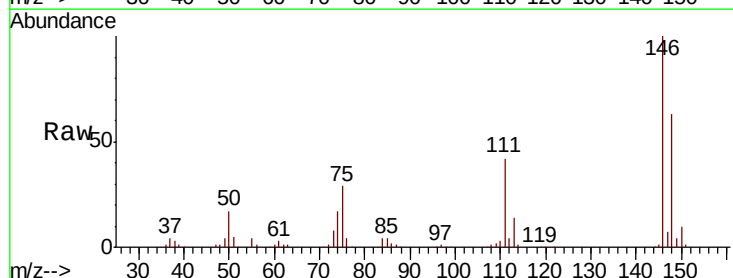
Tot Ion	93.00	Resp	169601
Ion	Ratio	Lower	Upper
93	100		
63	83.5	53.4	93.4
95	32.1	12.1	52.1

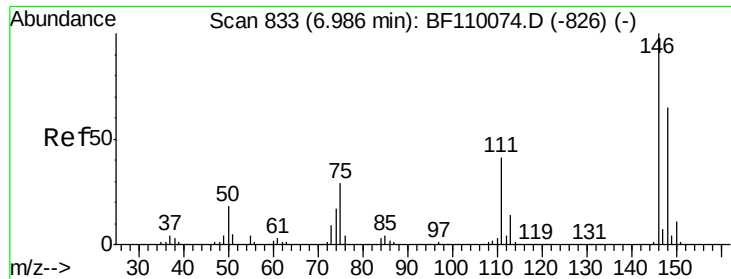


#12

1,3-Dichlorobenzene
Concen: 33.312 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion	146	Resp	198061
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
75	29.0	25.8	38.6

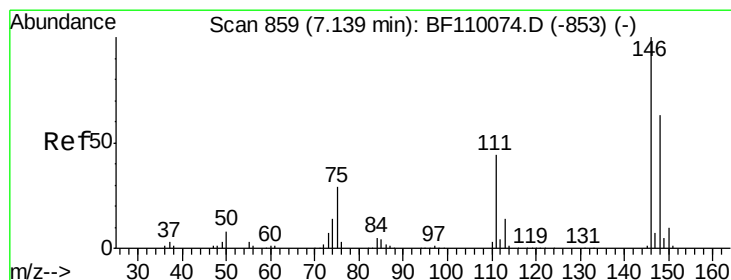
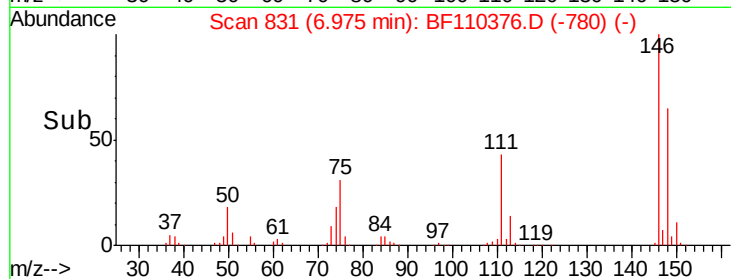
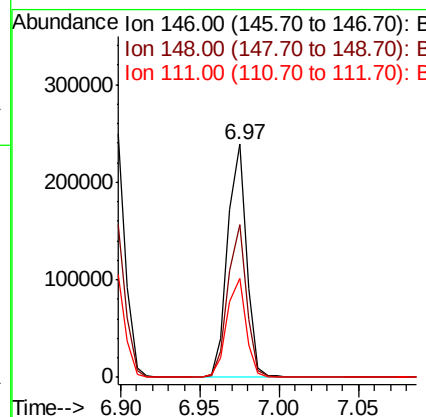
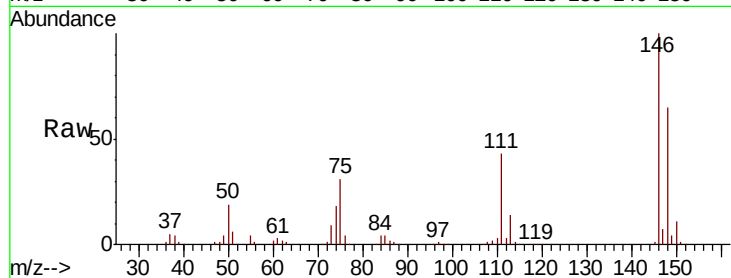




#13
 1,4-Dichlorobenzene
 Concen: 32.859 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

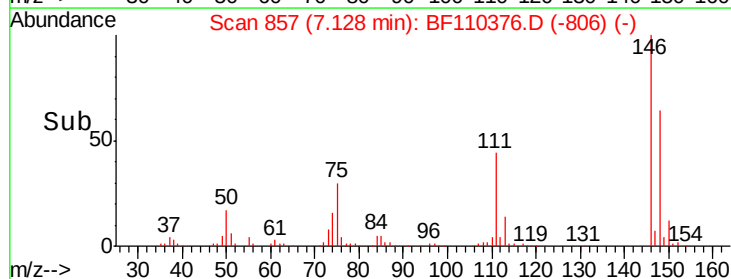
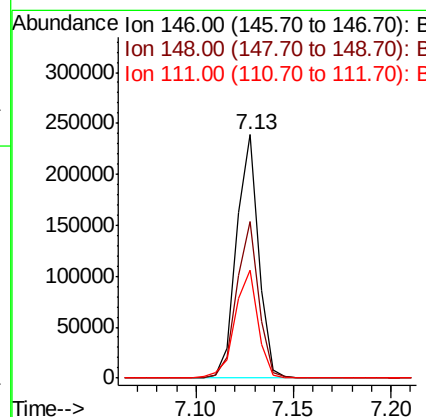
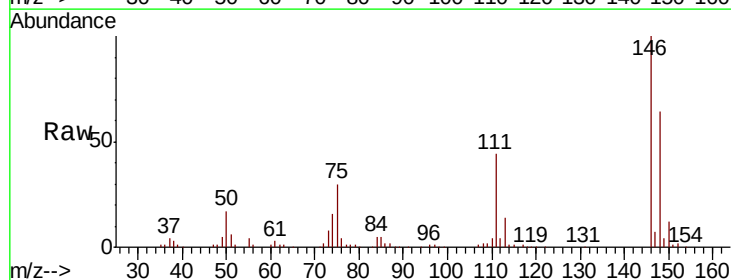
Instrument :
 BNA_F
 ClientSampleId :

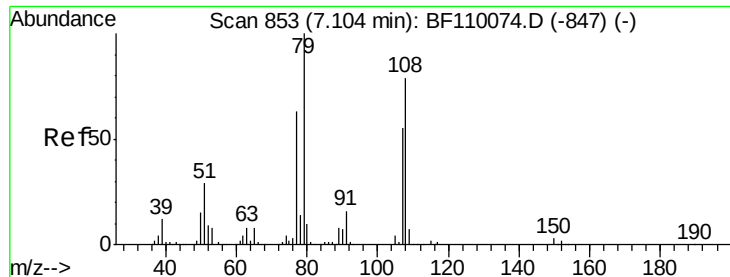
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.3	75.5
111	42.6	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 33.436 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	44.3	35.8	53.6

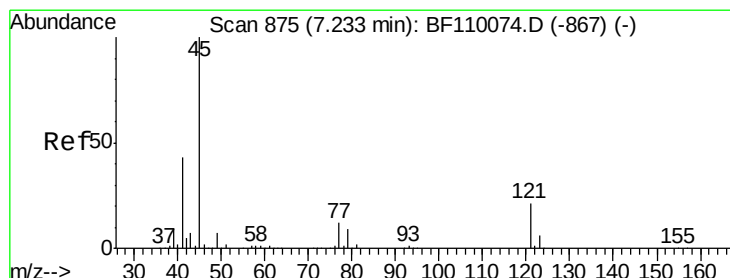
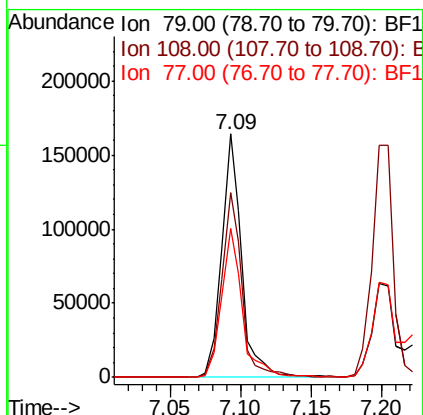
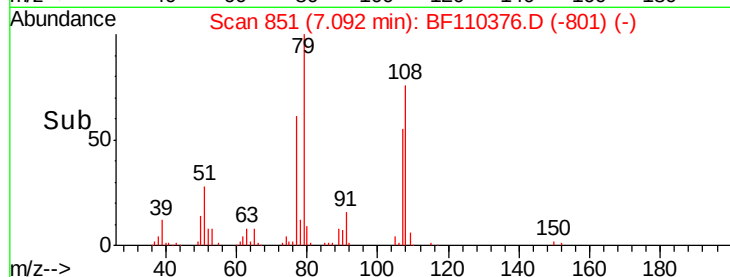
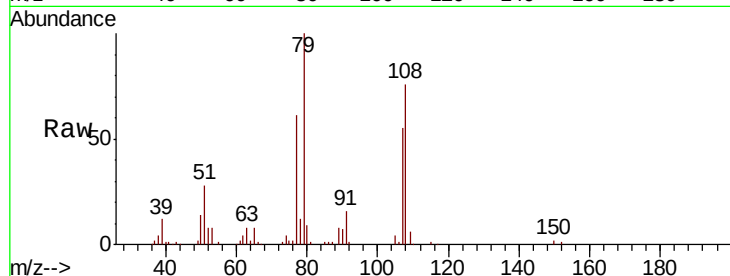




#15
Benzyl Alcohol
Concen: 34.907 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

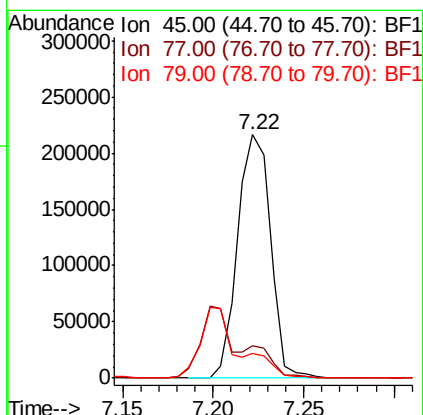
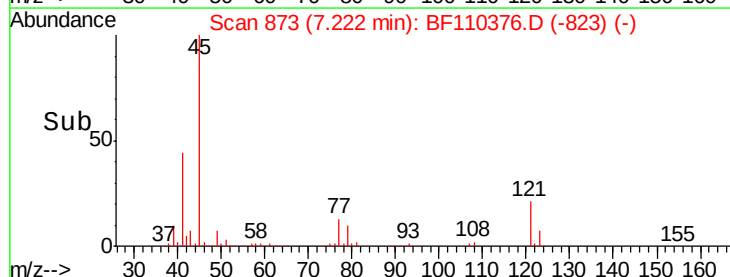
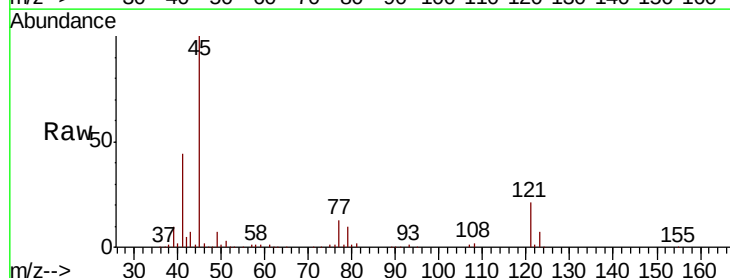
Instrument :
BNA_F
ClientSampled :

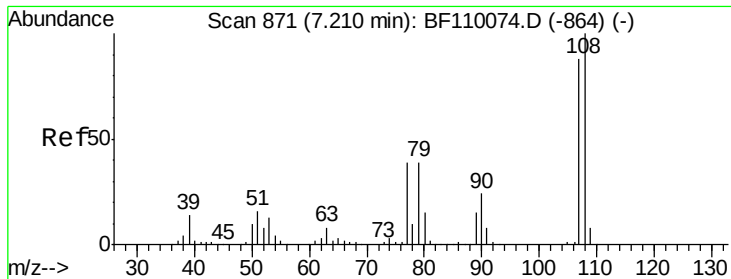
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	56.3	84.5
77	61.2	52.9	79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.547 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	10.0	50.0
79	10.1	6.1	46.1

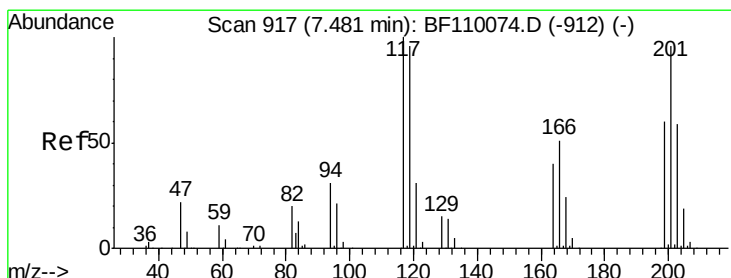
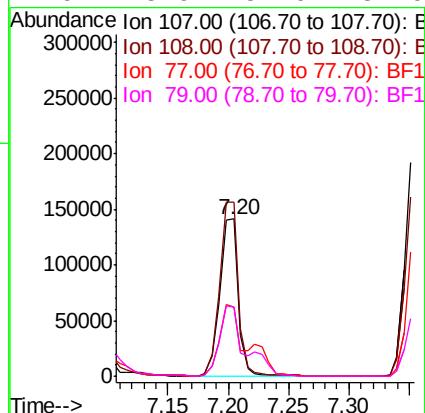
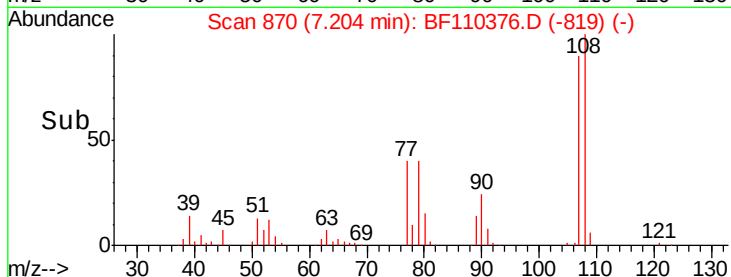
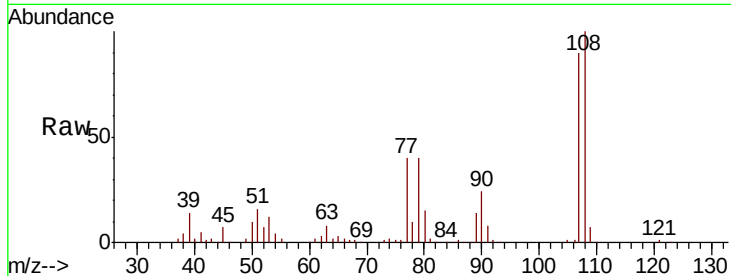




#17
2-Methylphenol
Concen: 34.467 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

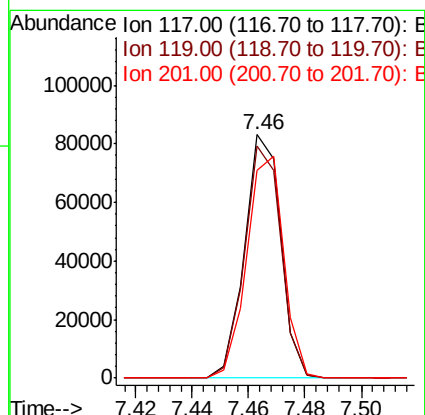
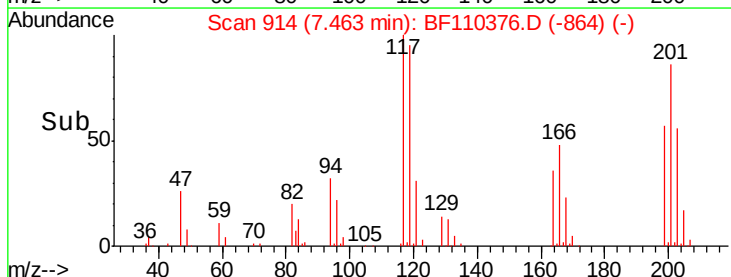
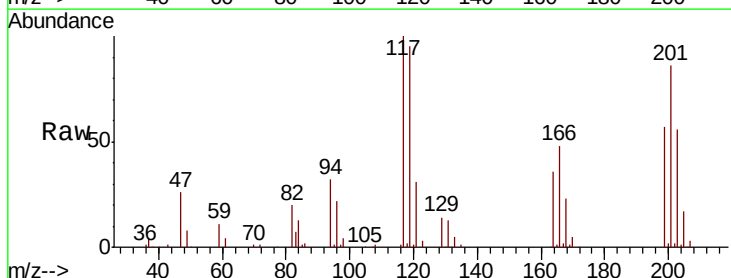
Instrument :
BNA_F
ClientSampled :

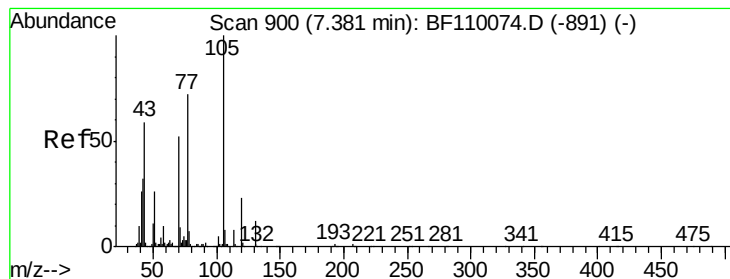
Tot Ion:107 Resp: 148406
Ion Ratio Lower Upper
107 100
108 111.0 92.6 138.8
77 44.1 59.4 89.2#
79 43.9 54.0 81.0#



#18
Hexachloroethane
Concen: 33.628 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:117 Resp: 74032
Ion Ratio Lower Upper
117 100
119 95.4 75.0 112.6
201 85.5 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 32.257 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 124038

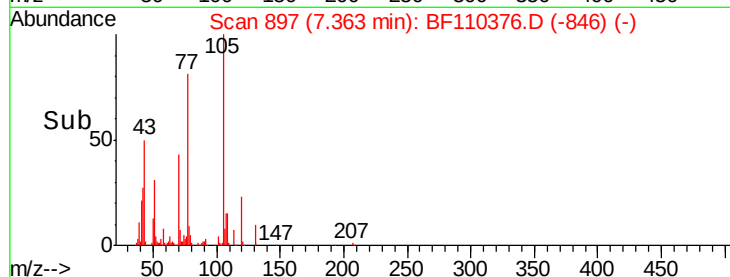
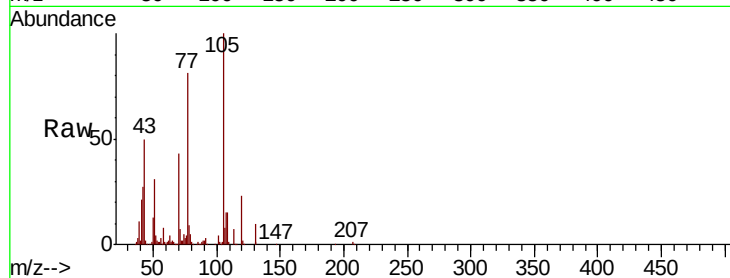
Ion Ratio Lower Upper

70 100

42 62.4 47.4 71.2

101 10.2 7.3 10.9

130 24.2 16.2 24.2

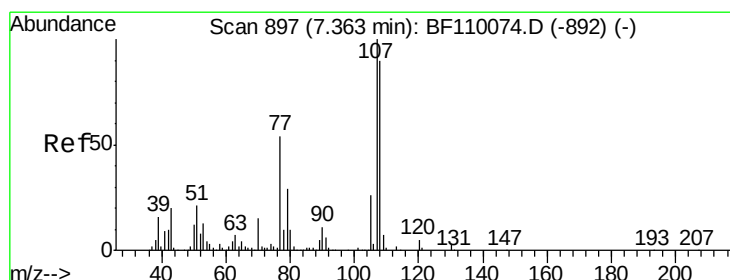
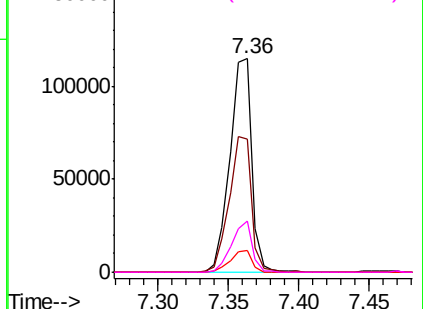


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.703 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Tgt Ion: 107 Resp: 187579

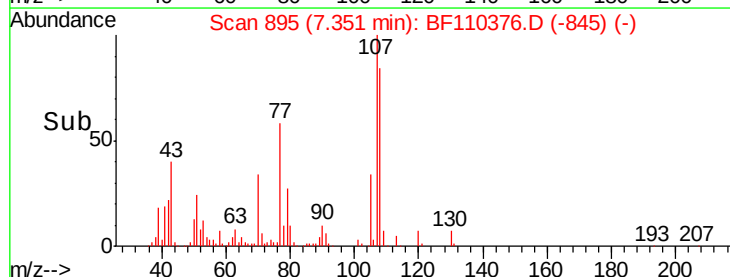
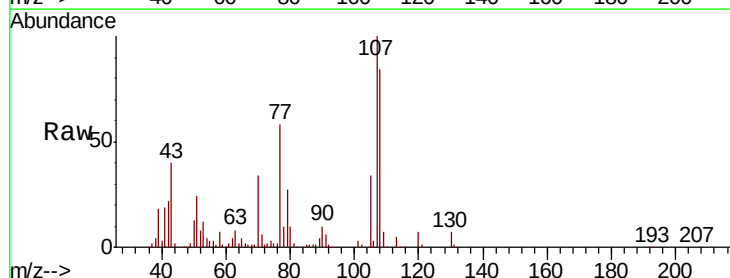
Ion Ratio Lower Upper

107 100

108 84.2 71.4 111.4

77 58.4 47.3 87.3

79 26.8 10.9 50.9

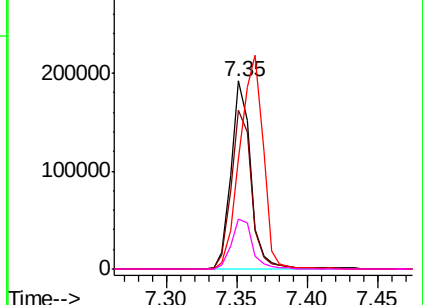


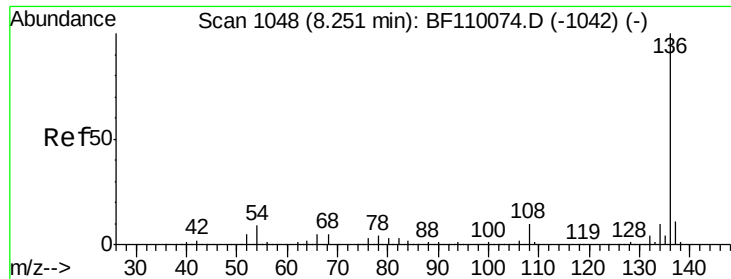
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

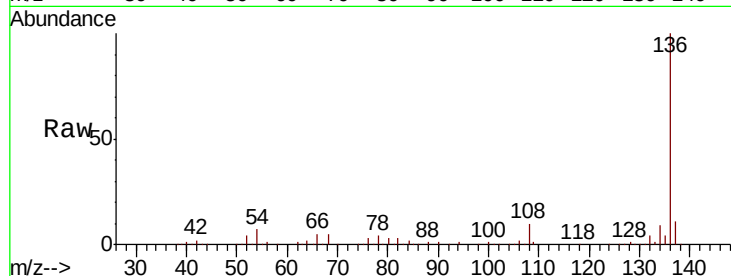




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	300286
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.4	5.4	8.2
68	4.7	4.2	6.2



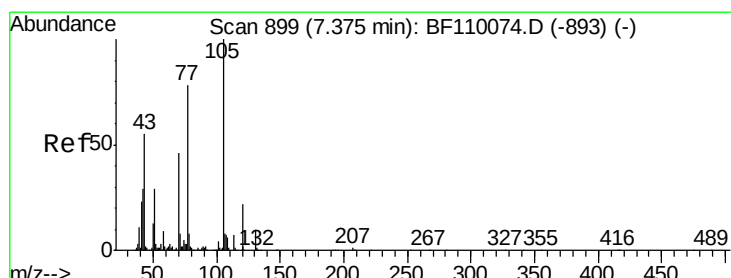
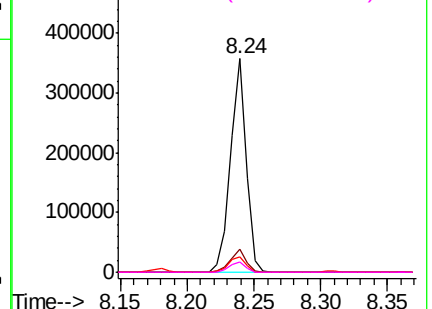
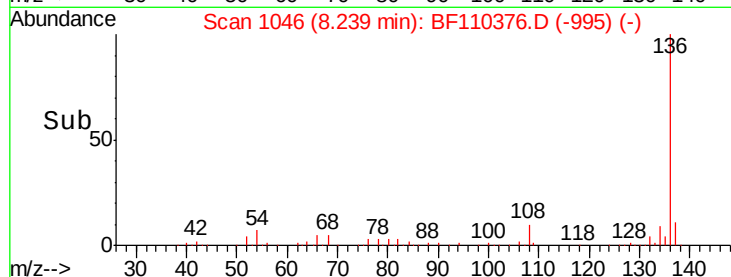
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

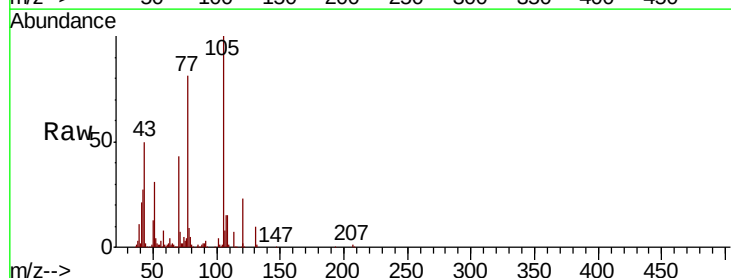
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.988 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:	105	Resp:	255928
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.2	7.8
51	30.7	21.8	32.8
120	22.6	17.0	25.4



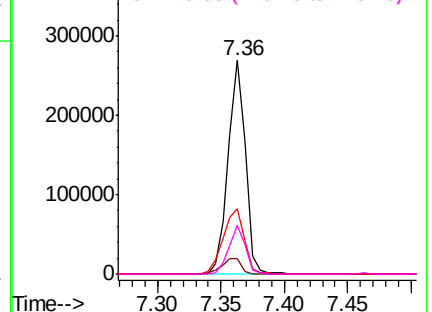
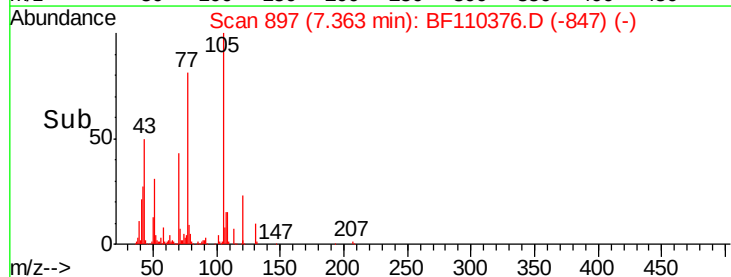
Abundance

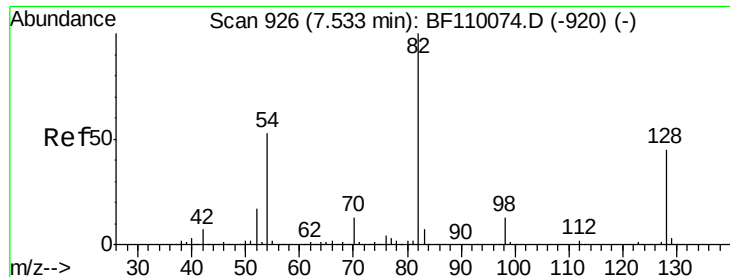
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

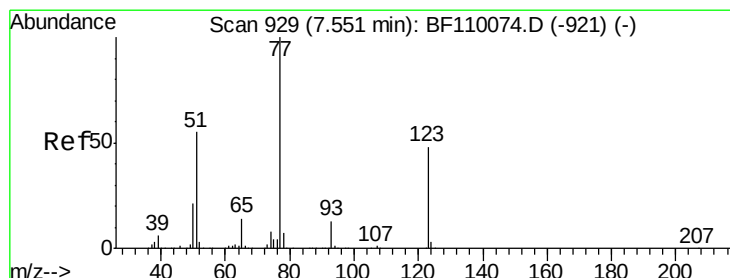
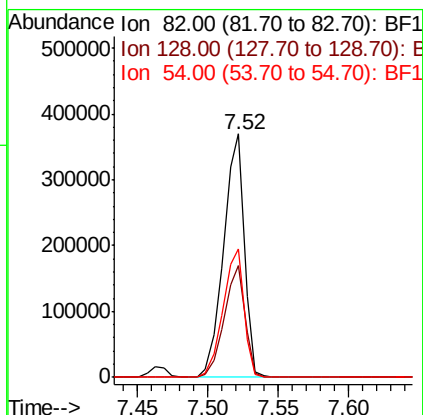
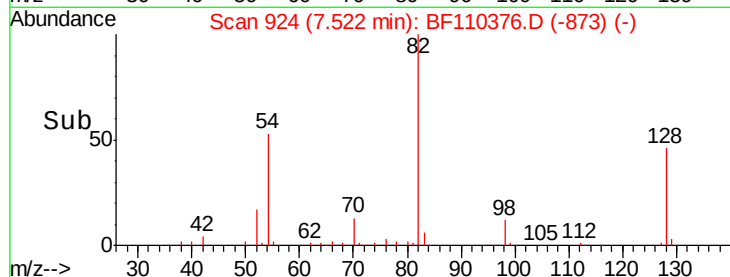
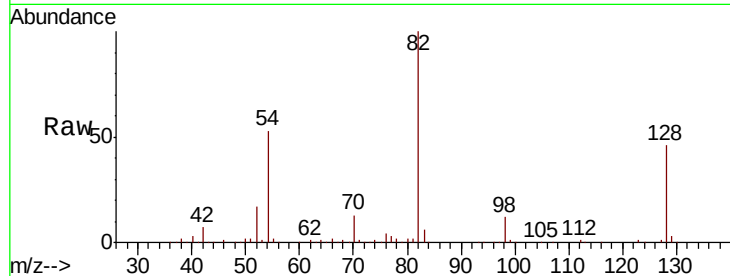




#23
 Nitrobenzene-d5
 Concen: 74.678 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

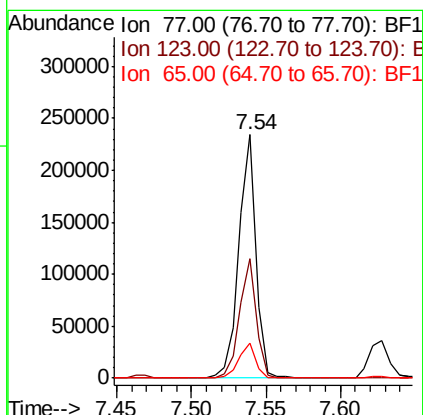
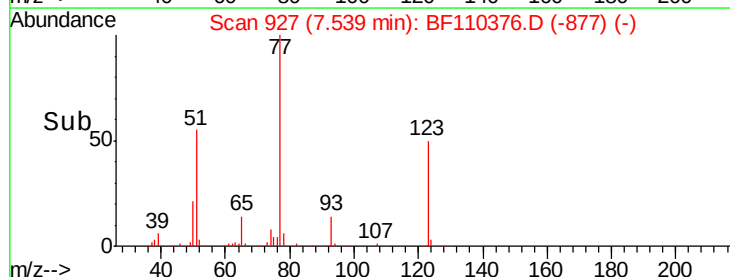
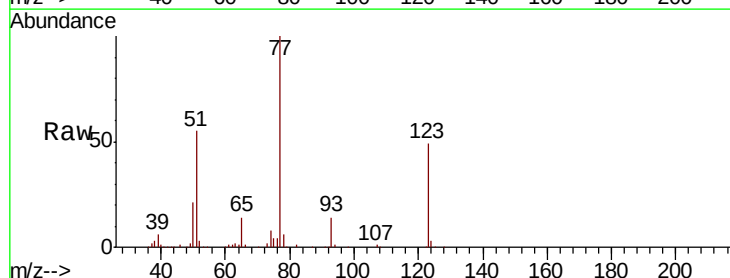
Instrument :
 BNA_F
 ClientSampled :

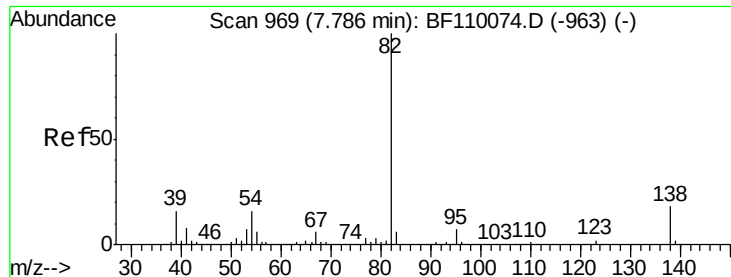
Tot Ion: 82 Resp: 378076
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.2 51.2
 54 52.6 38.6 58.0



#24
 Nitrobenzene
 Concen: 36.102 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion: 77 Resp: 188702
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.7 53.5
 65 14.2 10.7 16.1





#25

Isophorone

Concen: 39.252 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

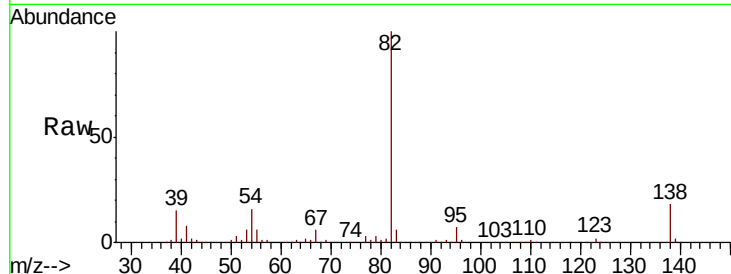
Tot Ion: 82 Resp: 338744

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

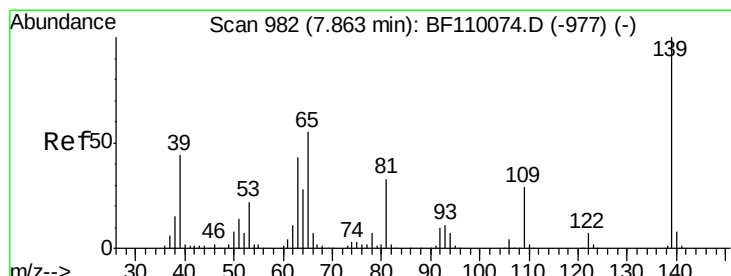
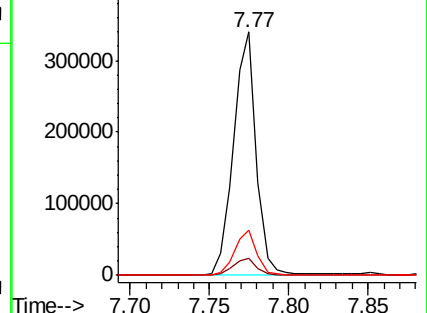
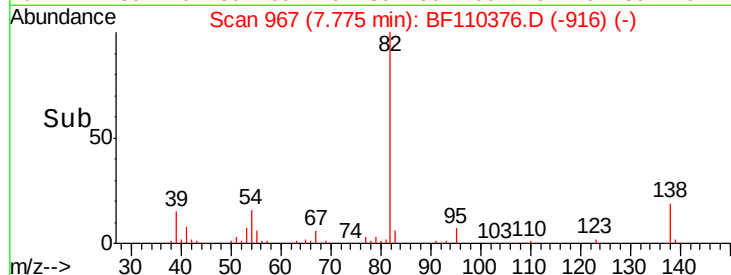
138 18.5 13.2 19.8



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: 38.287 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

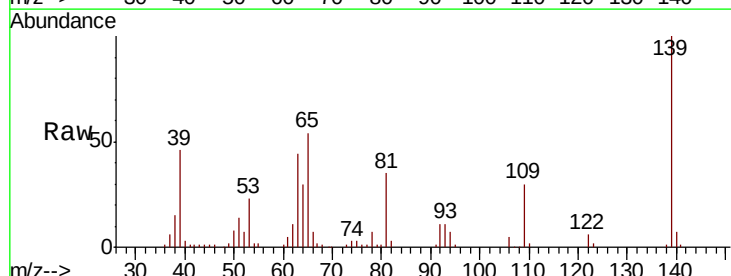
Tgt Ion:139 Resp: 95232

Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

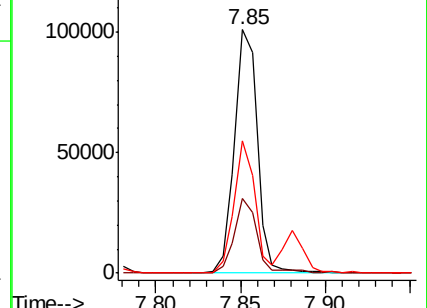
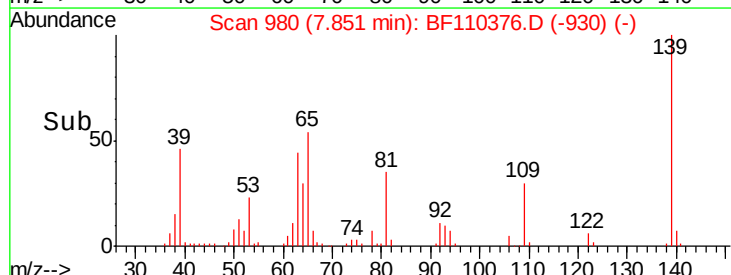
65 54.4 44.0 66.0

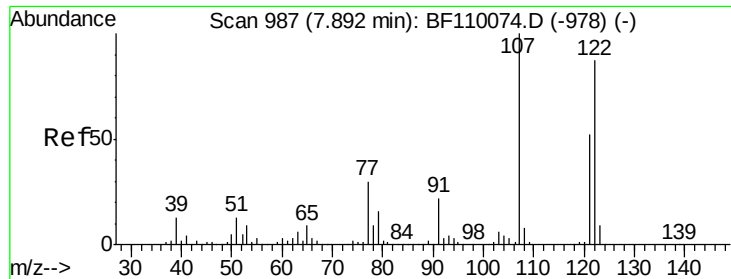


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

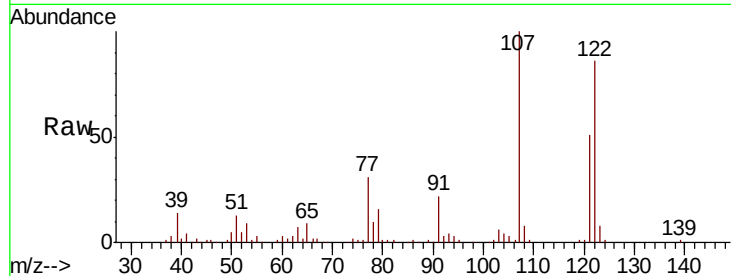




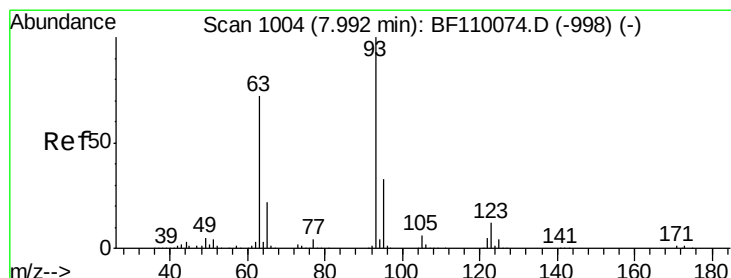
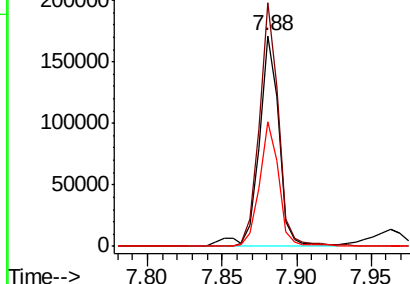
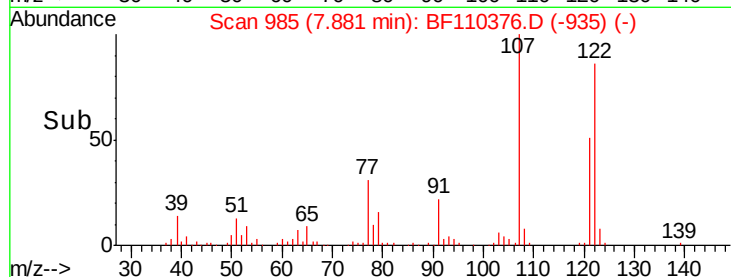
#27
 2,4-Dimethylphenol
 Concen: 37.928 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 156408
 Ion Ratio Lower Upper
 122 100
 107 115.6 92.5 138.7
 121 59.4 45.8 68.8

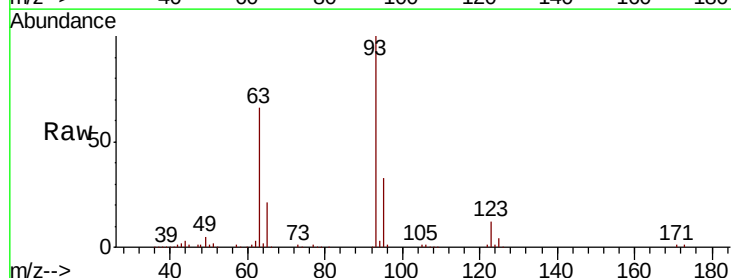


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

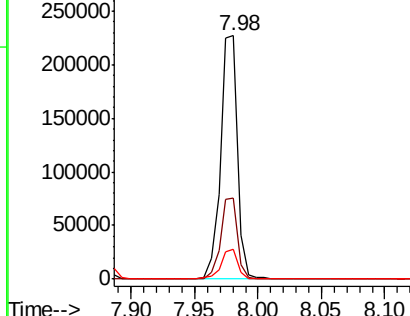
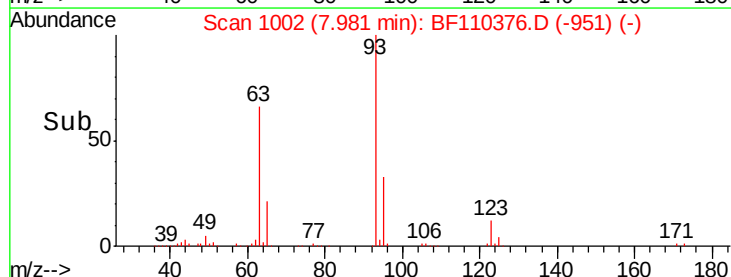


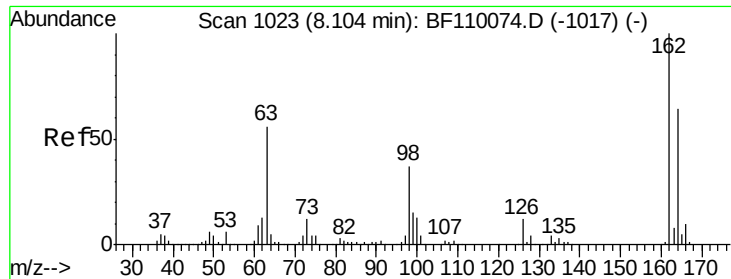
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.477 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion: 93 Resp: 213852
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 12.0 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

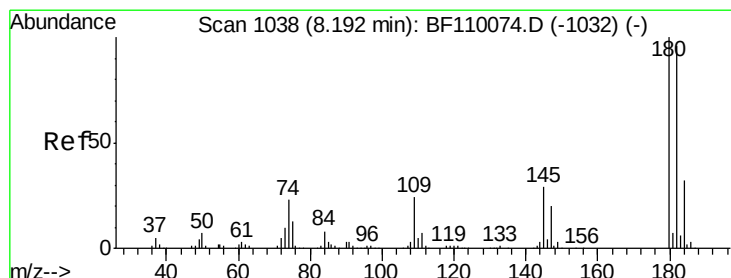
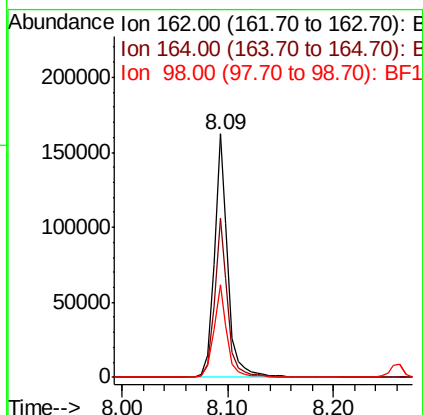
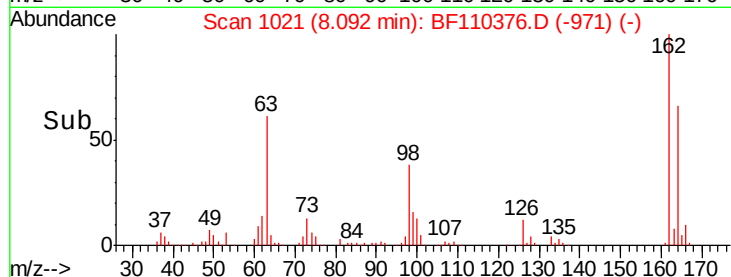
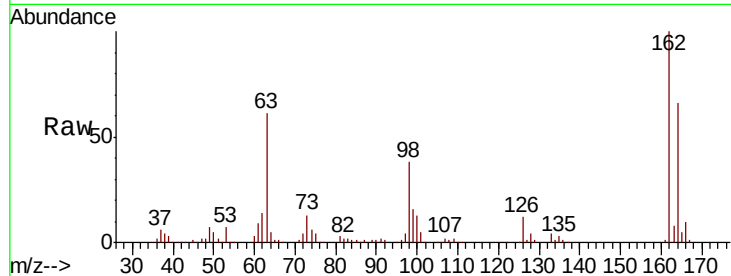




#29
2,4-Dichlorophenol
Concen: 35.160 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

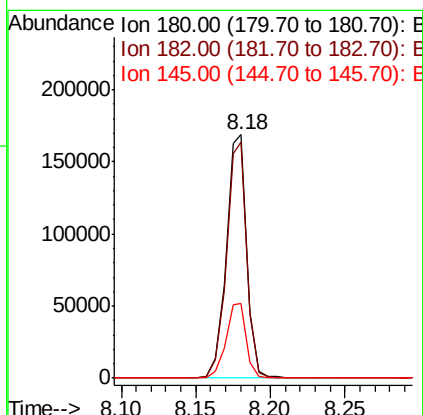
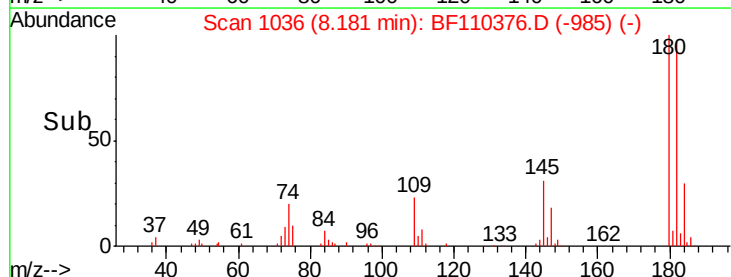
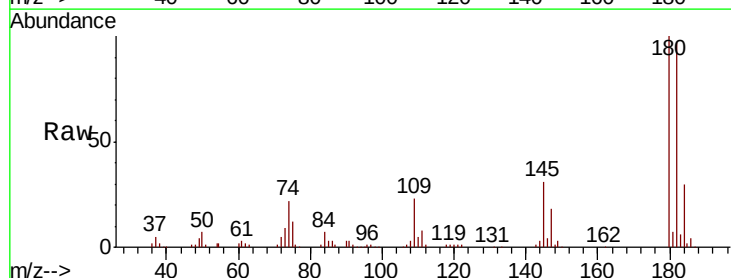
Instrument :
BNA_F
ClientSampleId :

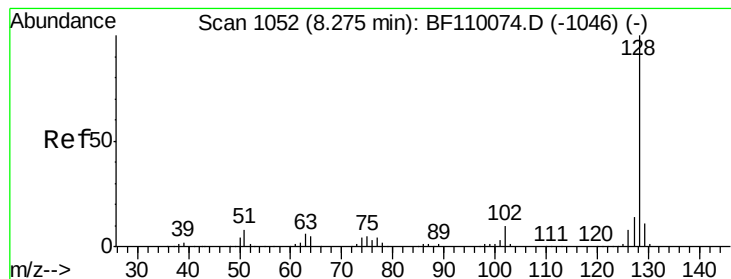
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.6	84.6
98	37.9	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 35.183 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	80.3	120.5
145	30.5	25.4	38.0





#31

Naphthalene

Concen: 38.035 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

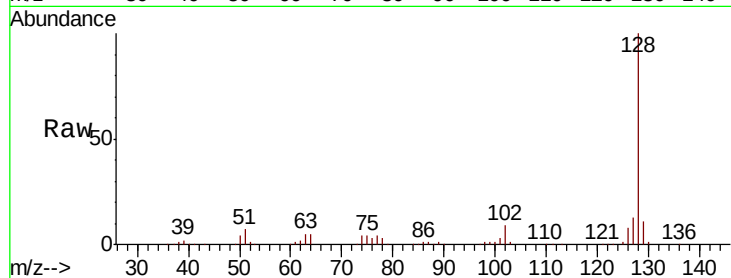
Tot Ion:128 Resp: 526396

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

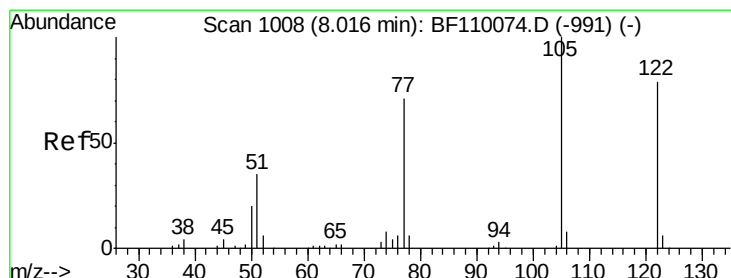
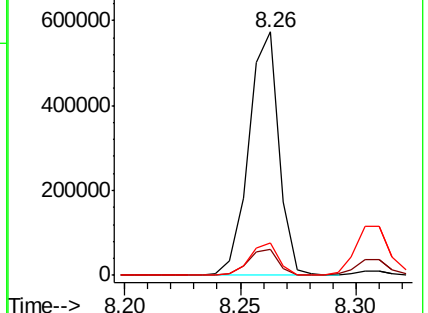
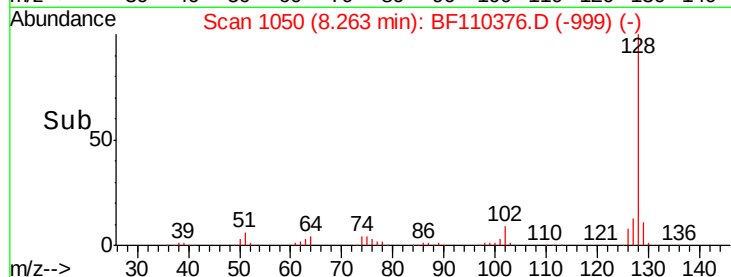
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.241 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

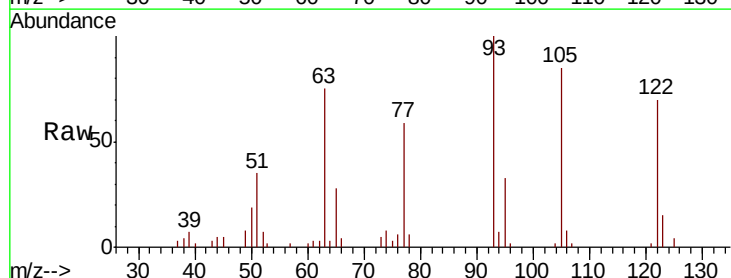
Tgt Ion:122 Resp: 26266

Ion Ratio Lower Upper

122 100

105 122.0 109.0 149.0

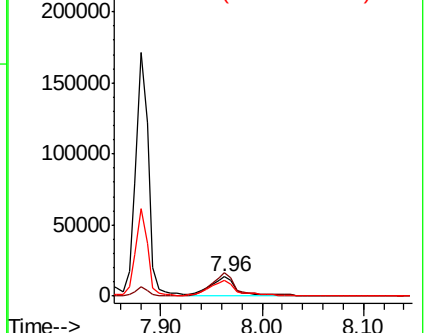
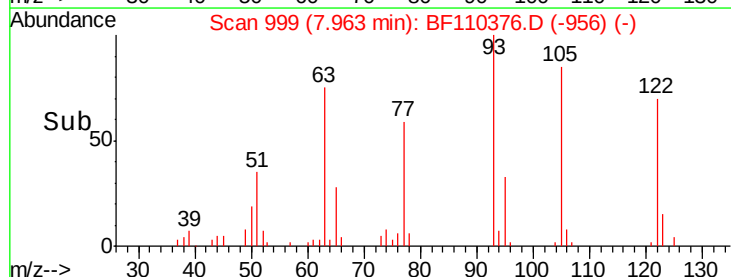
77 83.9 79.0 119.0

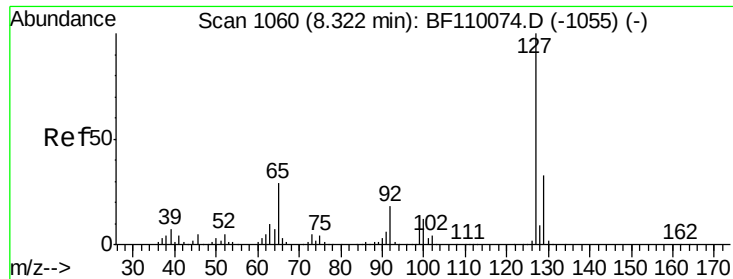


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

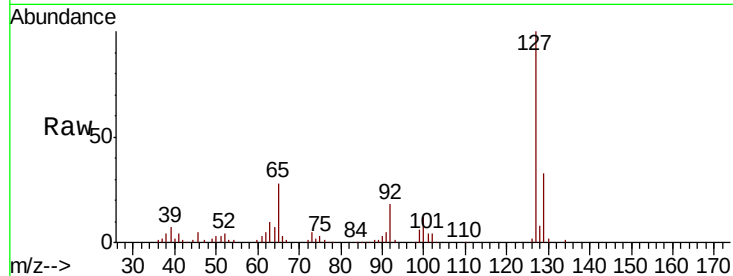




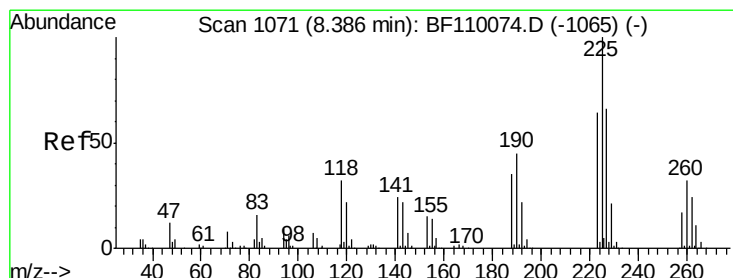
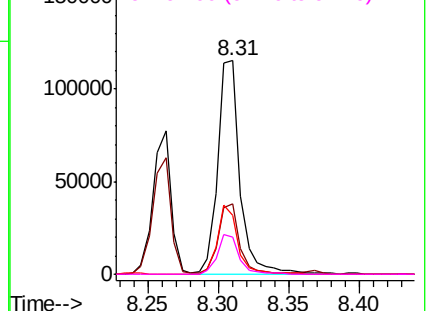
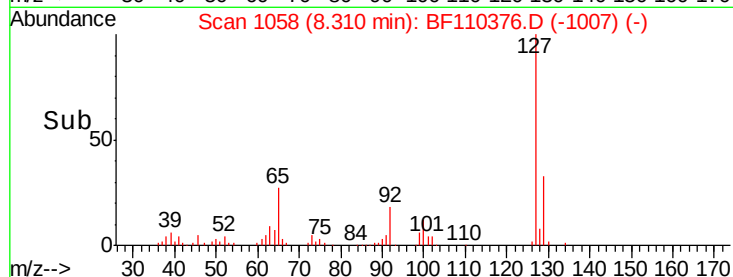
#33
4-Chloroaniline
Concen: 20.334 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	126657
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	27.6	25.1	37.7
92	17.5	15.0	22.6

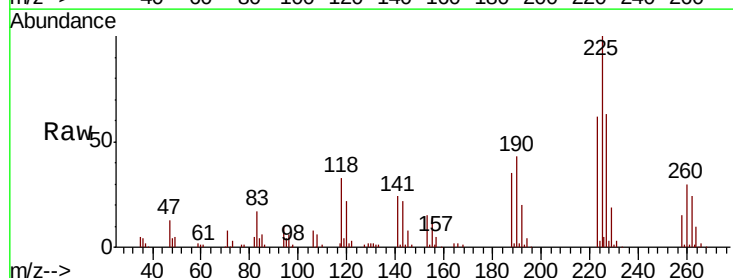


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

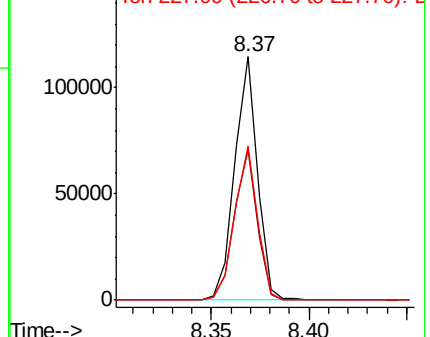
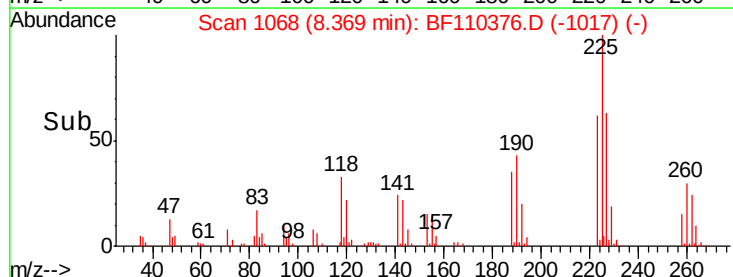


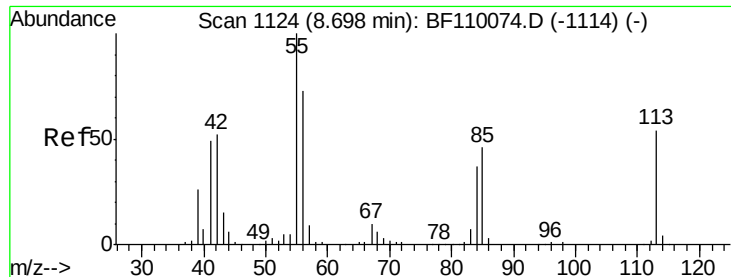
#34
Hexachlorobutadiene
Concen: 35.713 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:	225	Resp:	92538
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.4	77.2
227	63.3	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

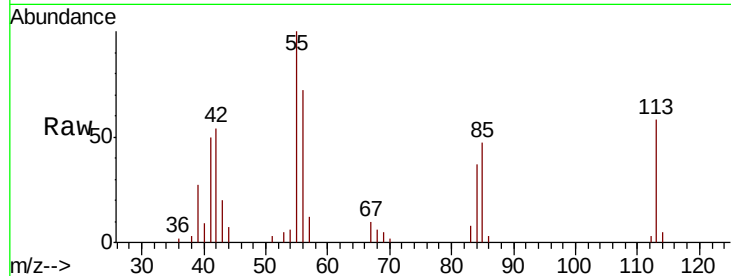




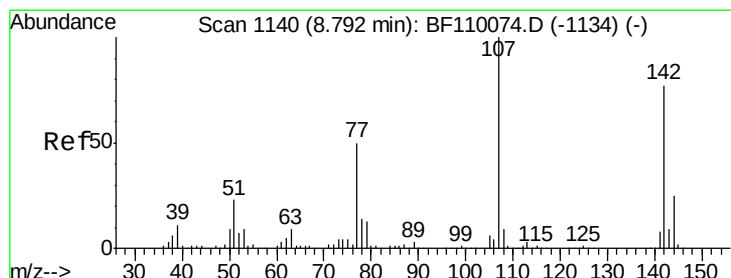
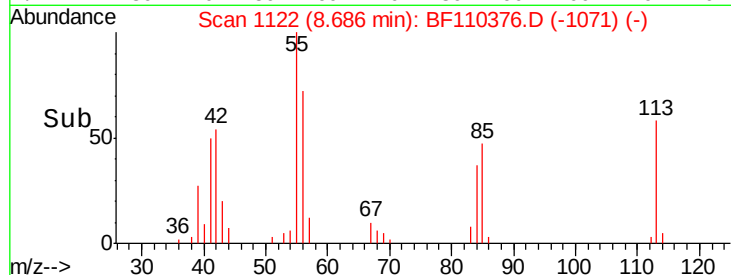
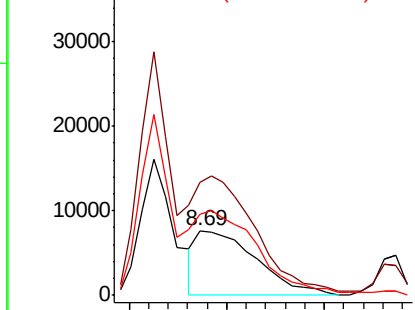
#35
Caprolactam
Concen: 11.268 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 16362
Ion Ratio Lower Upper
113 100
55 173.2 142.8 182.8
56 125.5 105.0 145.0

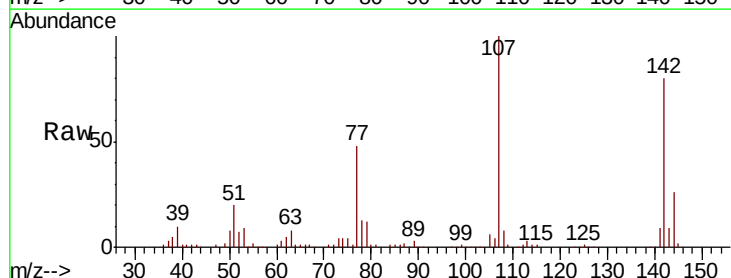


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

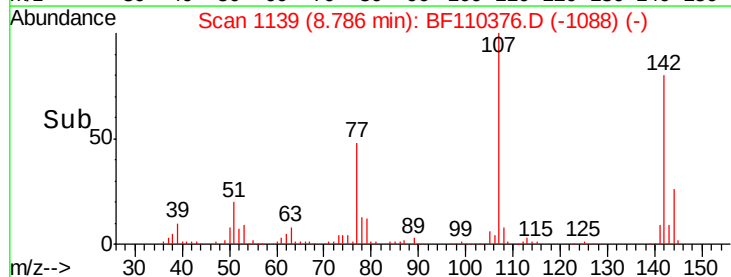
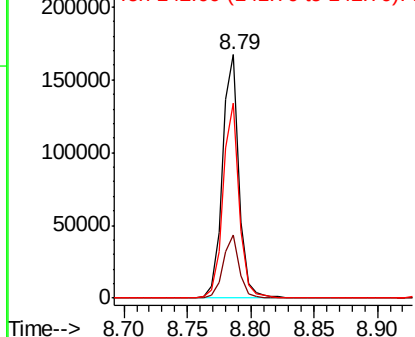


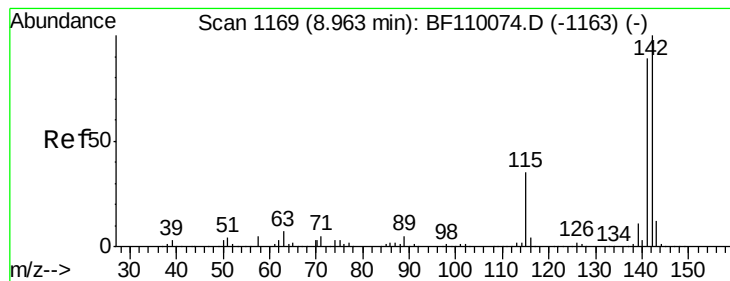
#36
4-Chloro-3-methylphenol
Concen: 33.725 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:107 Resp: 151940
Ion Ratio Lower Upper
107 100
144 25.8 20.0 30.0
142 79.9 59.7 89.5



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





#37

2-Methylnaphthalene

Concen: 38.835 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

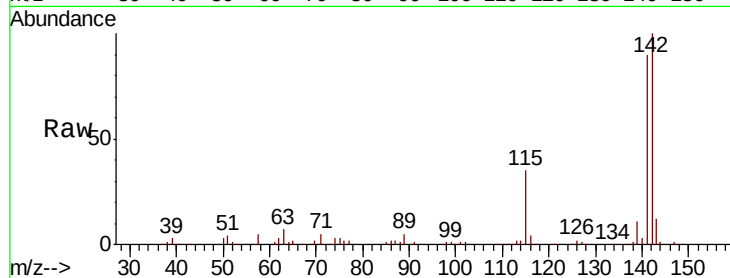
Tot Ion:142 Resp: 355607

Ion Ratio Lower Upper

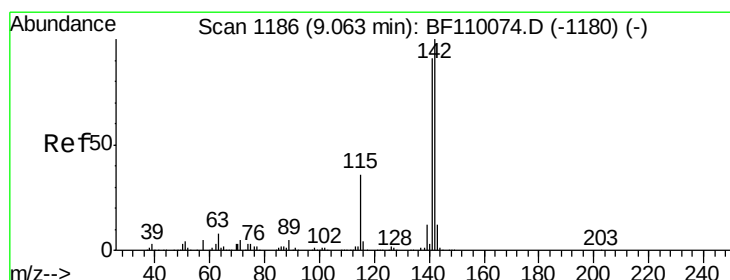
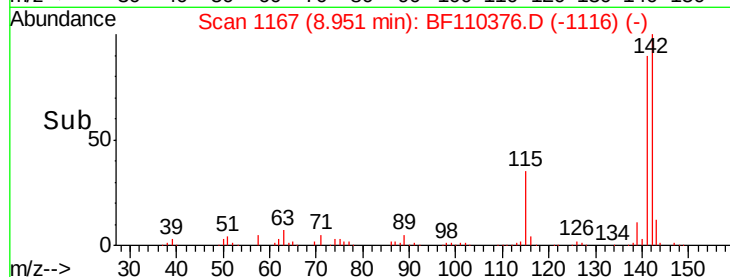
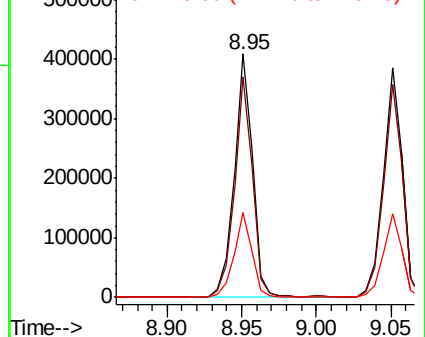
142 100

141 90.5 71.4 107.2

115 35.1 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: 37.537 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

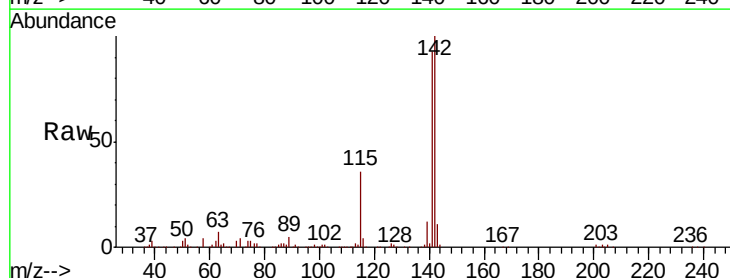
Tgt Ion:142 Resp: 332164

Ion Ratio Lower Upper

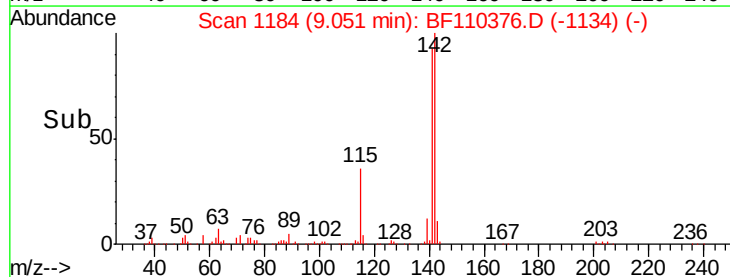
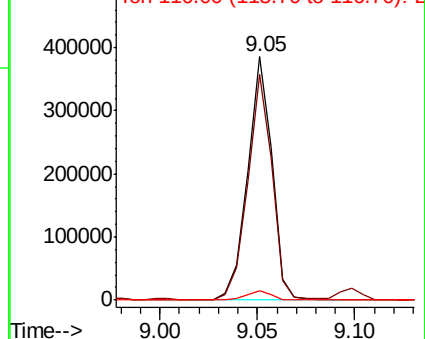
142 100

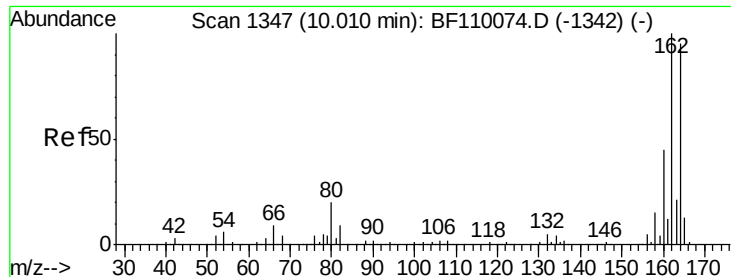
141 92.6 74.2 111.4

116 3.8 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

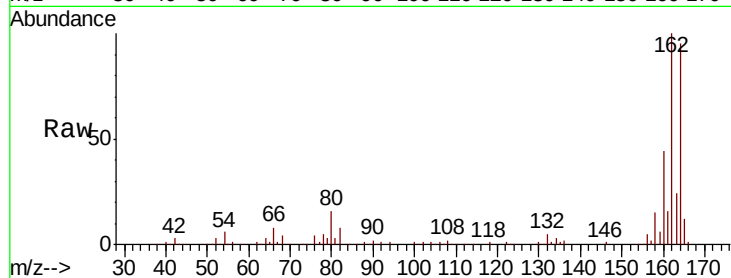
Tot Ion:164 Resp: 130380

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

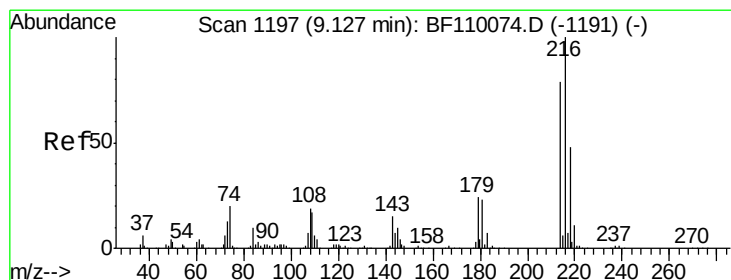
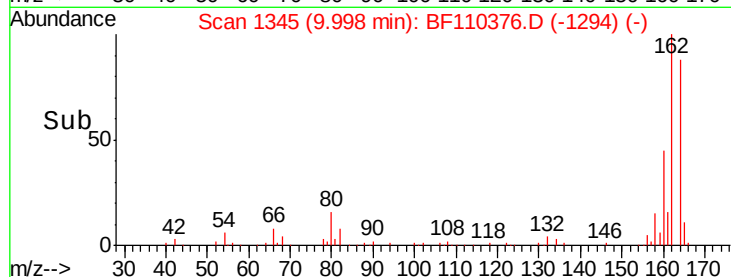
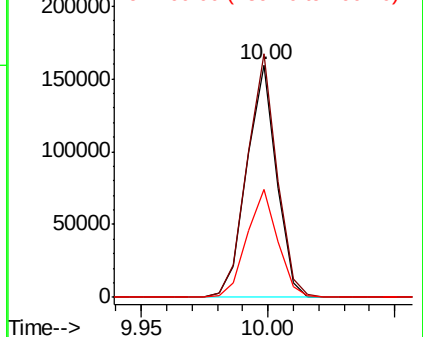
160 46.5 37.0 55.6



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: 37.577 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Tgt Ion:216 Resp: 152653

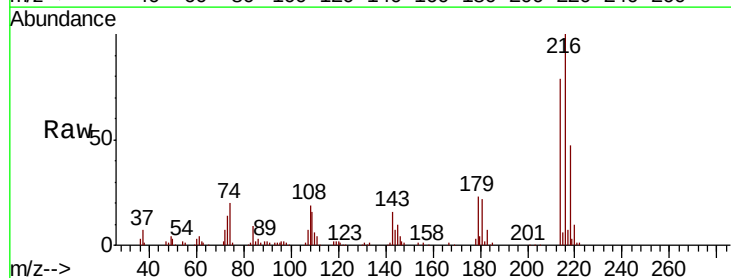
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 22.3 16.6 25.0

108 20.6 15.1 22.7

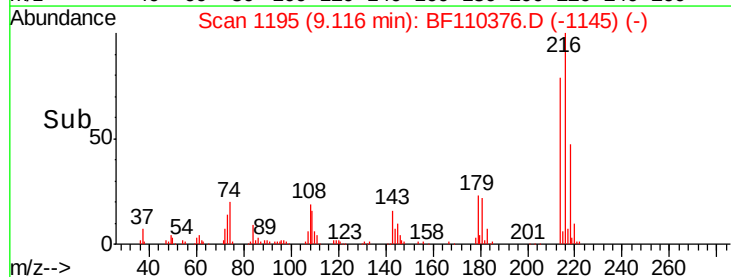
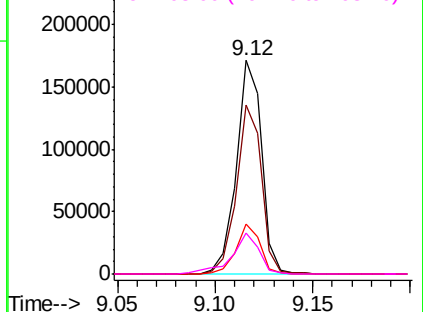


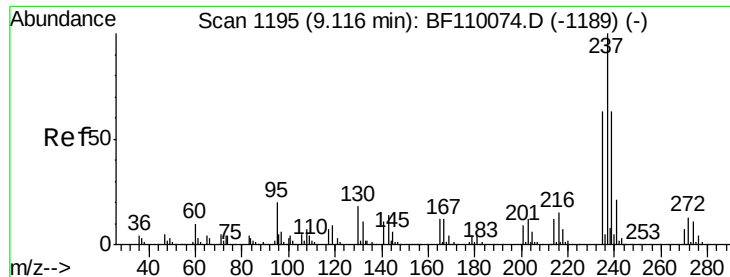
Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.651 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

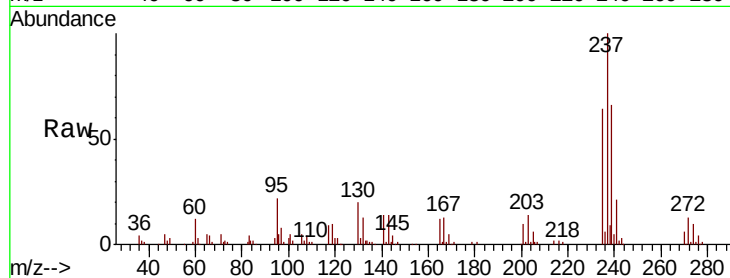
Tot Ion:237 Resp: 105213

Ion Ratio Lower Upper

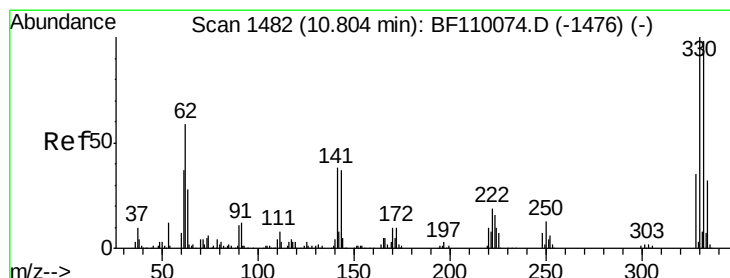
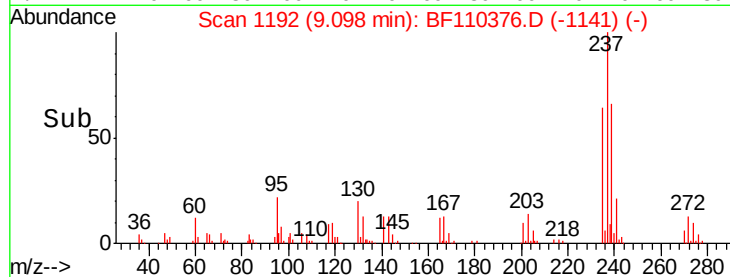
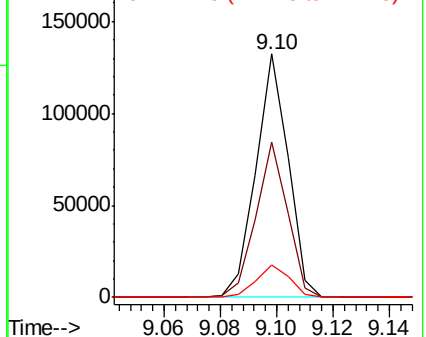
237 100

235 64.0 43.1 83.1

272 13.4 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: 90.974 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

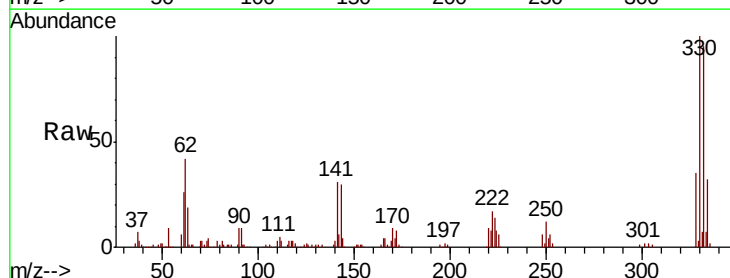
Tgt Ion:330 Resp: 117493

Ion Ratio Lower Upper

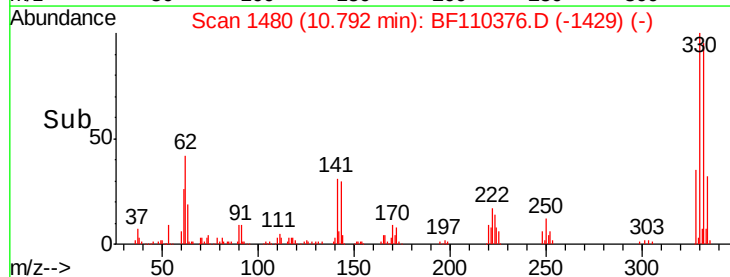
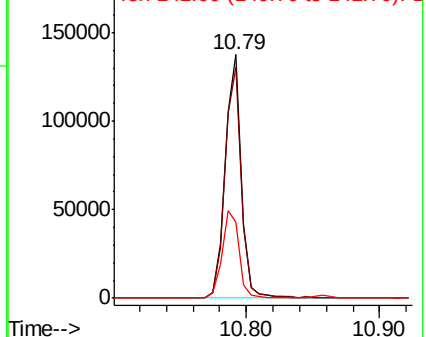
330 100

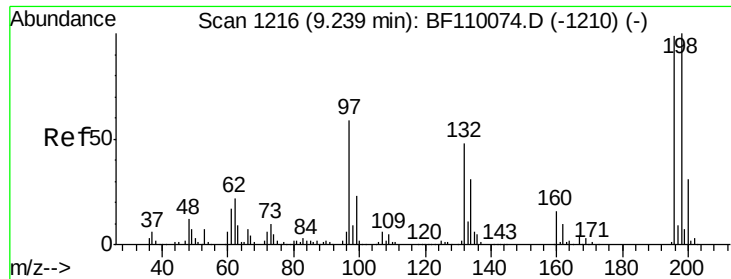
332 96.3 77.1 115.7

141 37.9 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

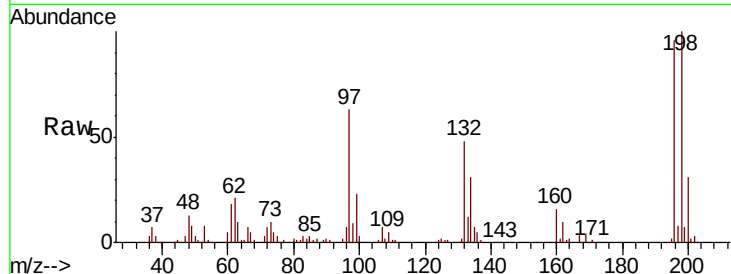




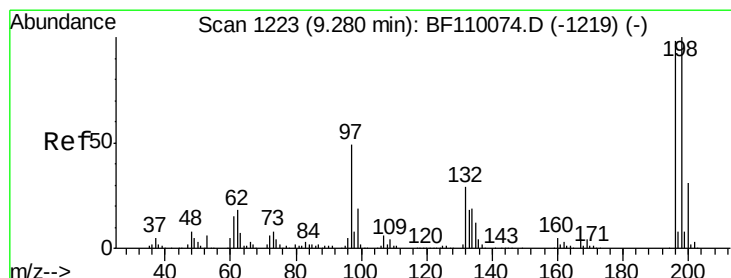
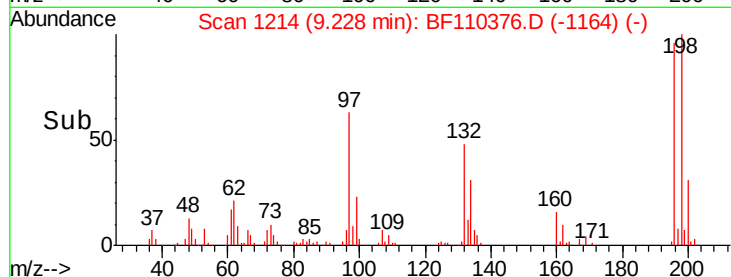
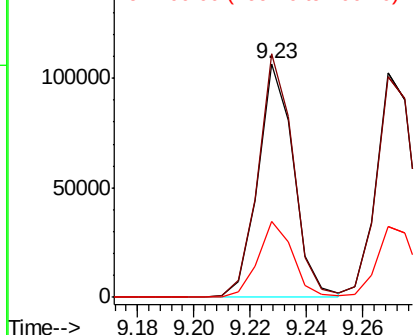
#43
 2,4,6-Trichlorophenol
 Concen: 35.659 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 93434
 Ion Ratio Lower Upper
 196 100
 198 104.1 76.2 114.4
 200 32.6 24.4 36.6

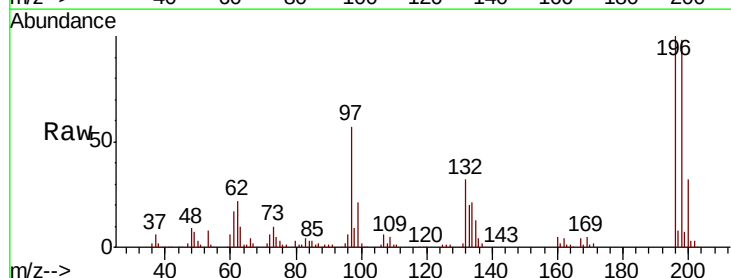


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

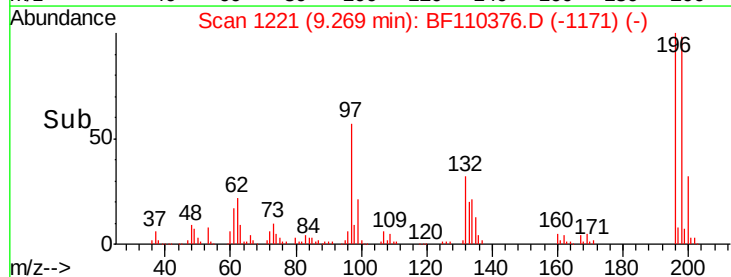
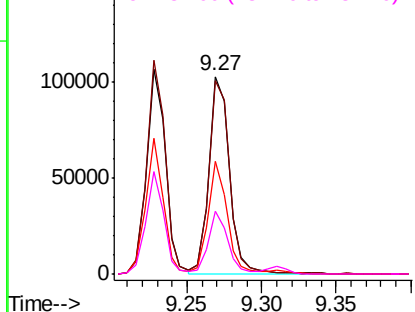


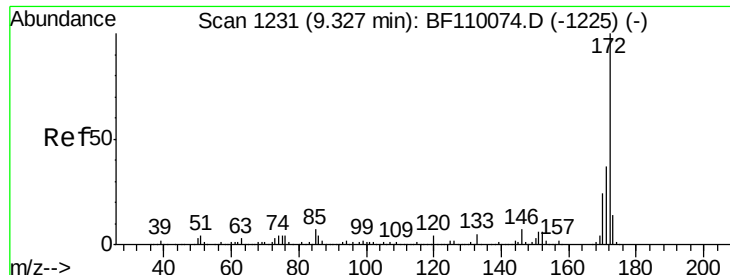
#44
 2,4,5-Trichlorophenol
 Concen: 35.660 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion:196 Resp: 98766
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.8 113.6
 97 56.9 42.4 63.6
 132 32.0 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

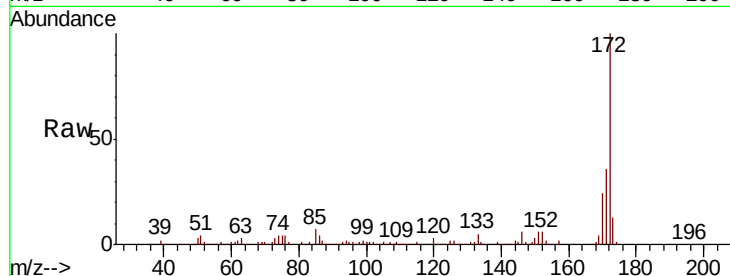




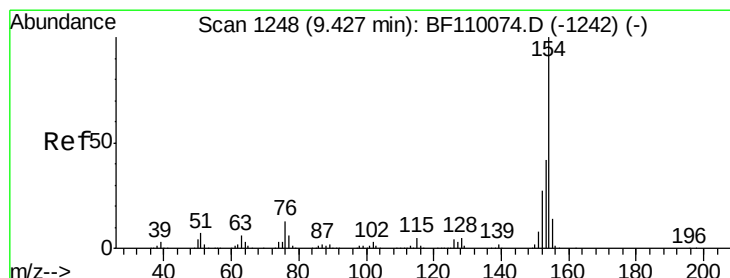
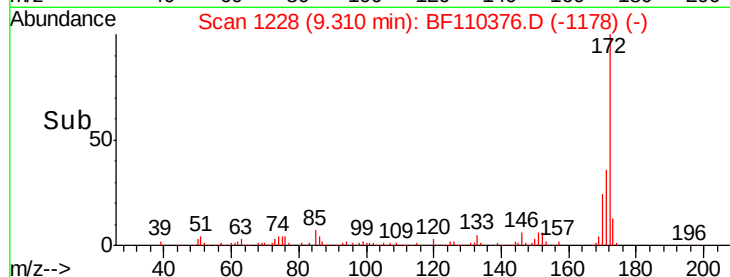
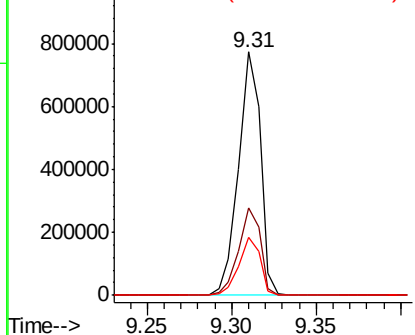
#45
2-Fluorobiphenyl
Concen: 84.485 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 701487
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.7 29.5

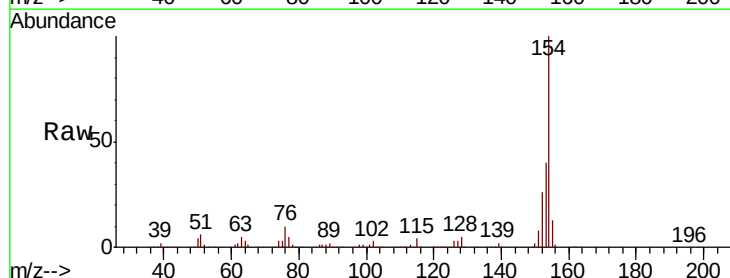


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

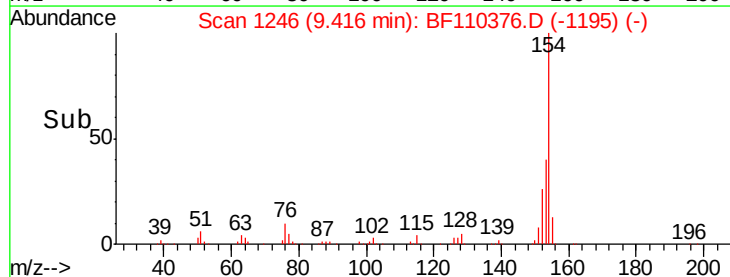
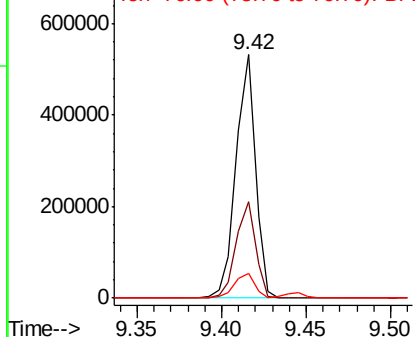


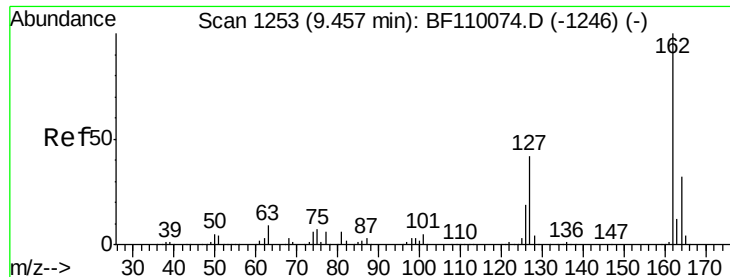
#46
1,1'-Biphenyl
Concen: 36.197 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:154 Resp: 426772
Ion Ratio Lower Upper
154 100
153 39.6 20.4 60.4
76 10.4 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

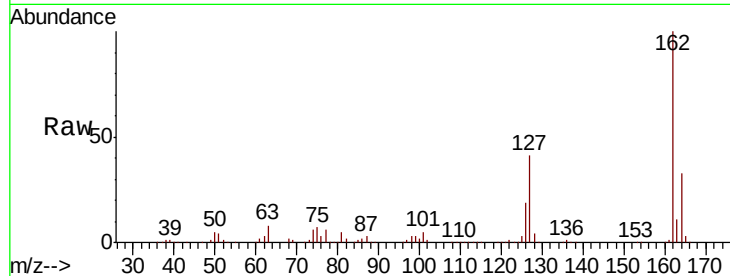




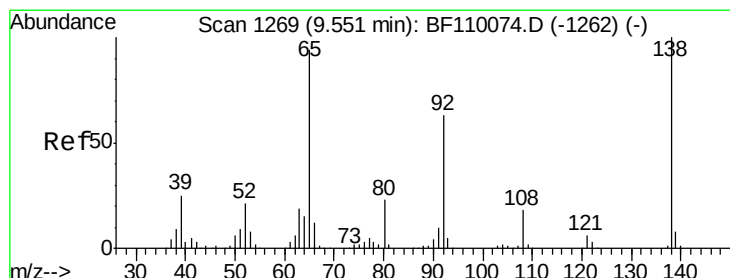
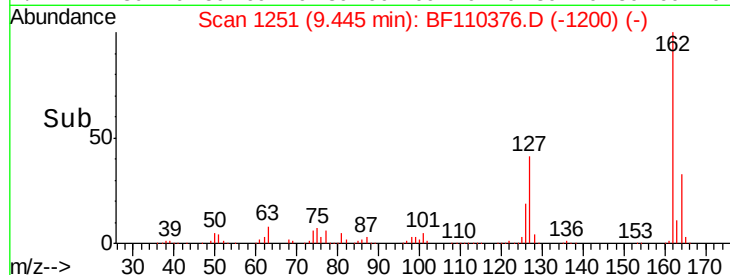
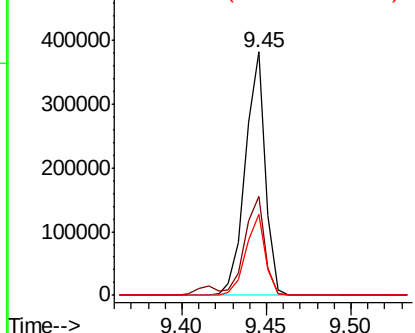
#47
 2-Chloronaphthalene
 Concen: 36.614 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 316658
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 48.8
 164 33.1 25.9 38.9

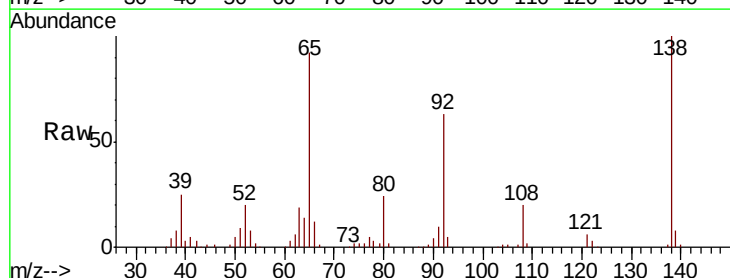


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

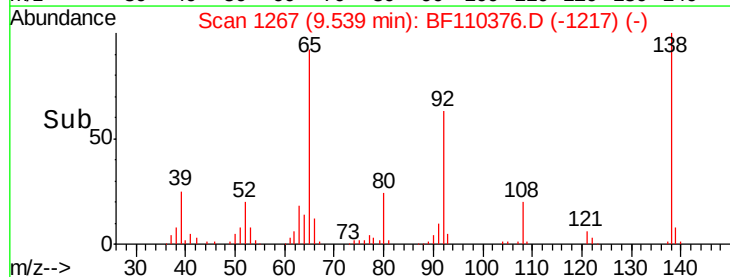
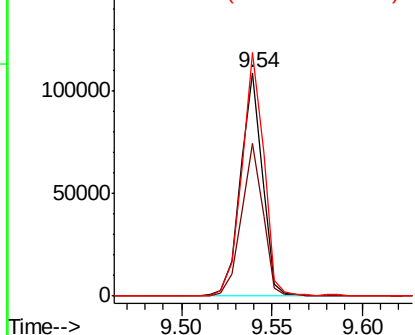


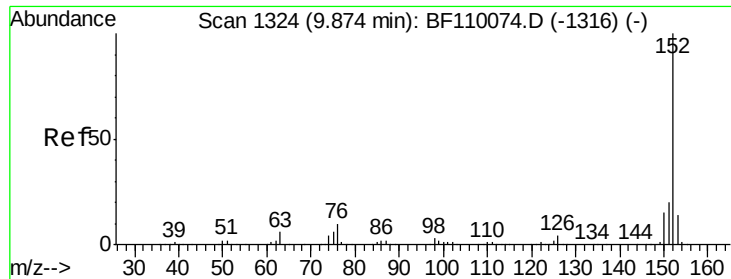
#48
 2-Nitroaniline
 Concen: 34.823 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion: 65 Resp: 91263
 Ion Ratio Lower Upper
 65 100
 92 68.6 54.6 81.8
 138 109.0 80.3 120.5



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





#49

Acenaphthylene

Concen: 38.710 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

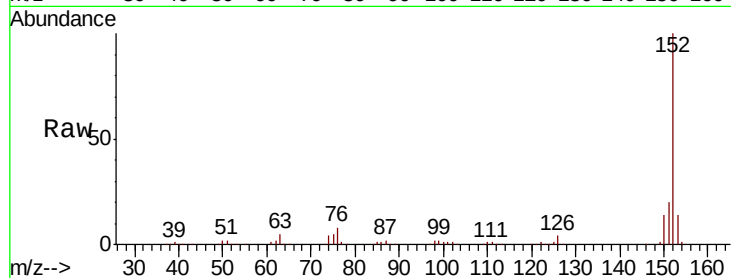
Tot Ion:152 Resp: 483540

Ion Ratio Lower Upper

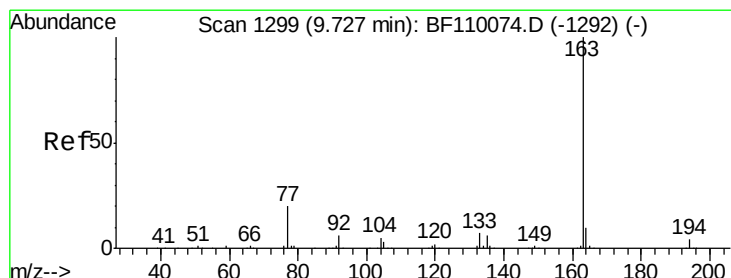
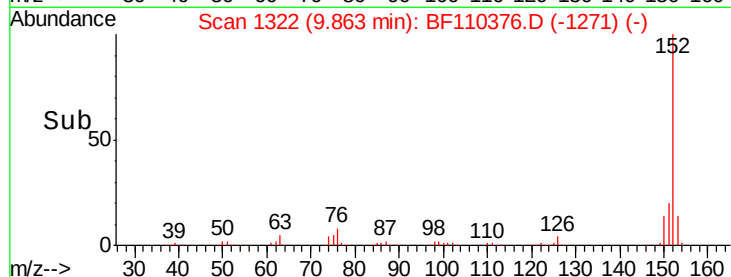
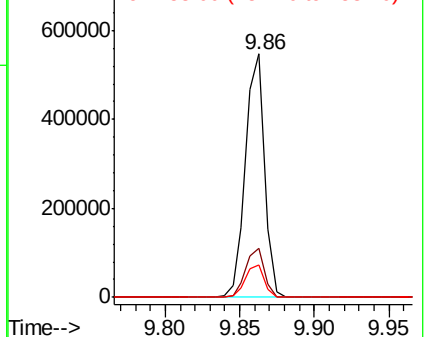
152 100

151 20.3 15.8 23.8

153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.015 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

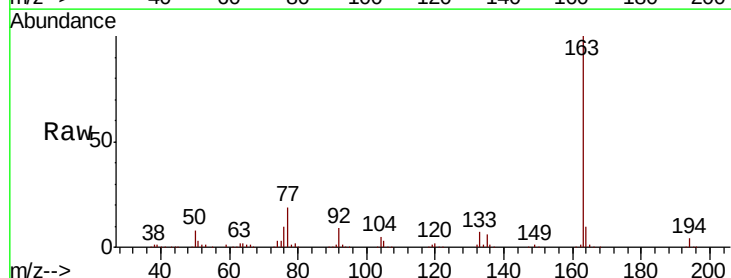
Tgt Ion:163 Resp: 423618

Ion Ratio Lower Upper

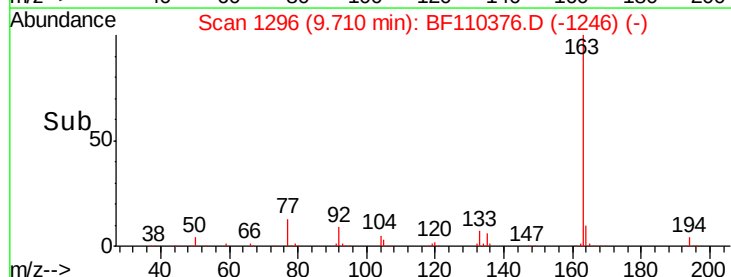
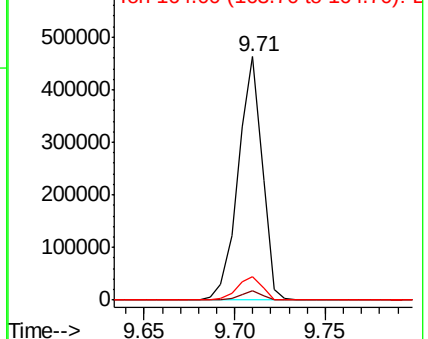
163 100

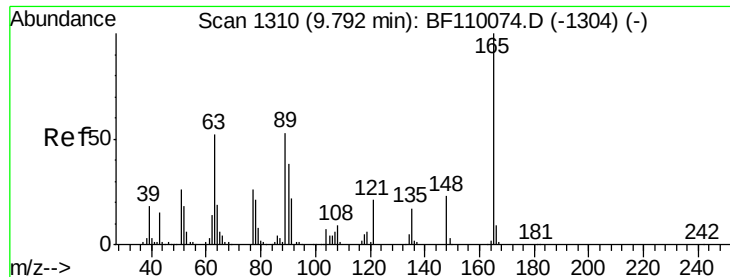
194 3.6 3.2 4.8

164 9.7 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: 35.515 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

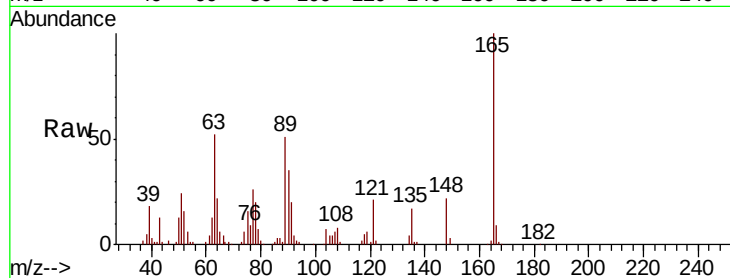
Tot Ion:165 Resp: 73626

Ion Ratio Lower Upper

165 100

63 51.6 48.9 73.3

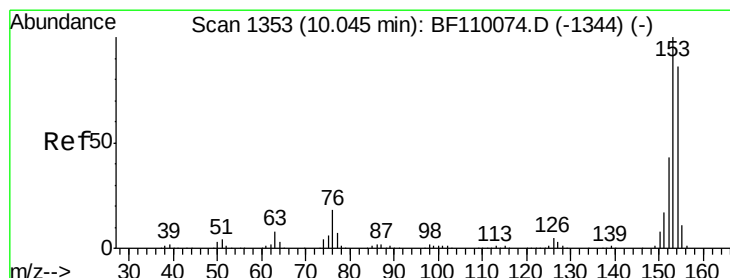
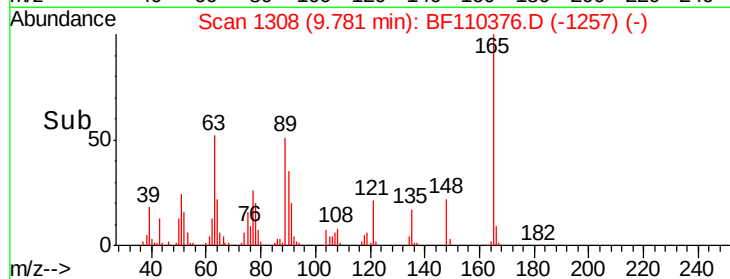
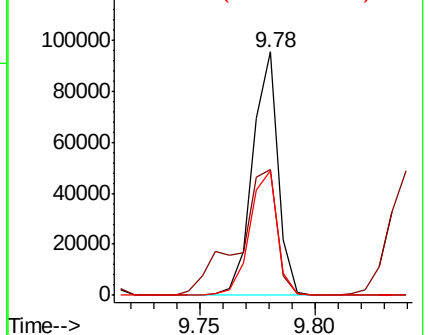
89 50.9 46.6 69.8



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: 34.298 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

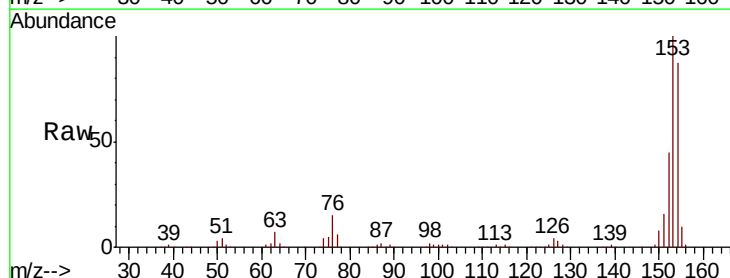
Tgt Ion:154 Resp: 283431

Ion Ratio Lower Upper

154 100

153 114.3 90.1 135.1

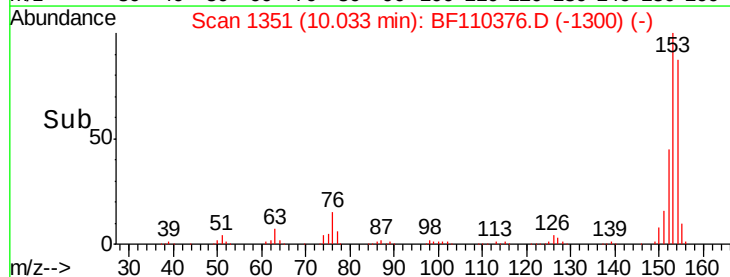
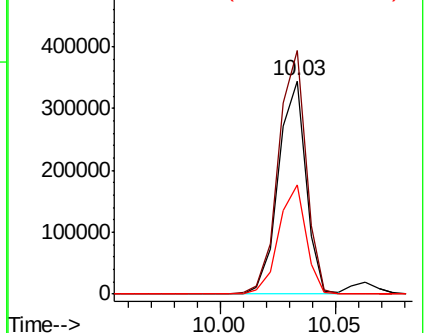
152 51.1 43.4 65.2

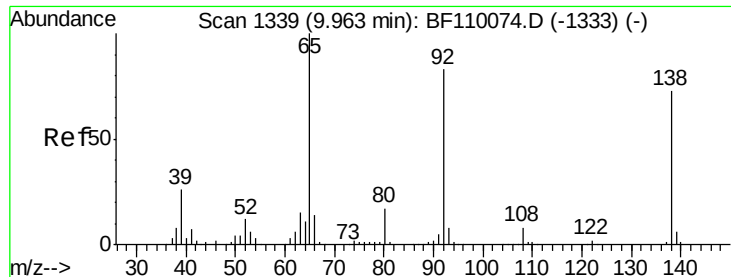


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

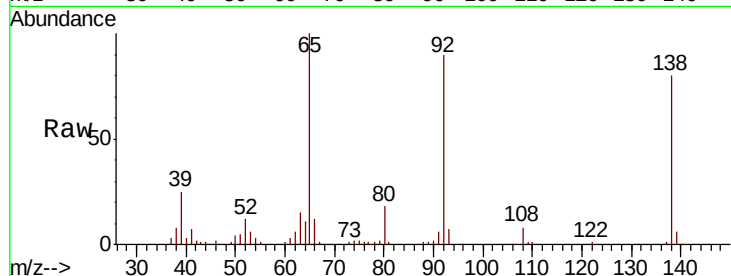




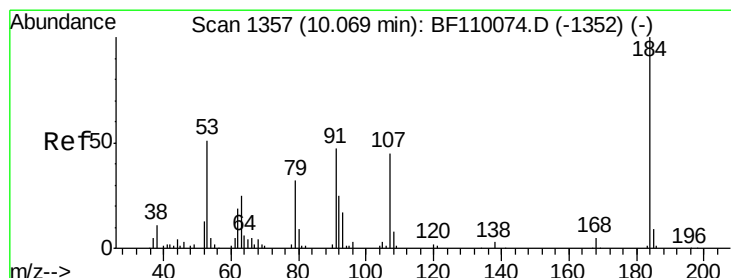
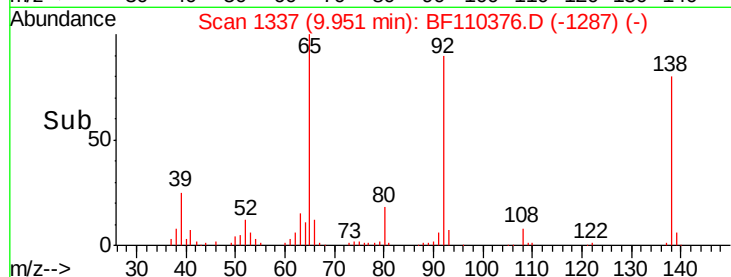
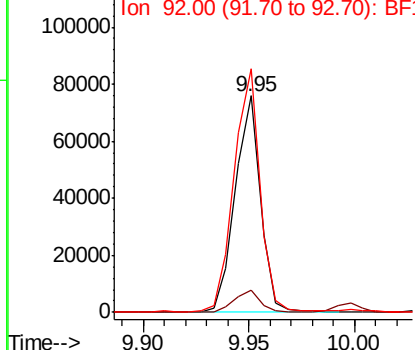
#53
3-Nitroaniline
Concen: 25.466 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 62782
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 112.4 97.0 145.4

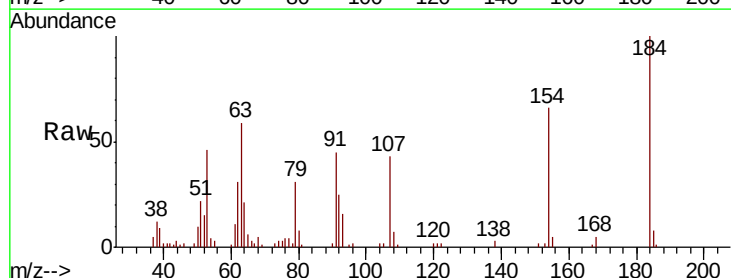


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

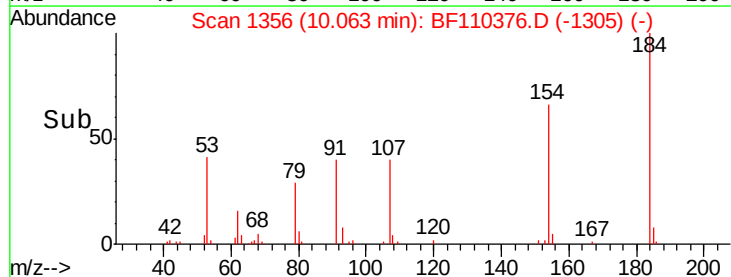
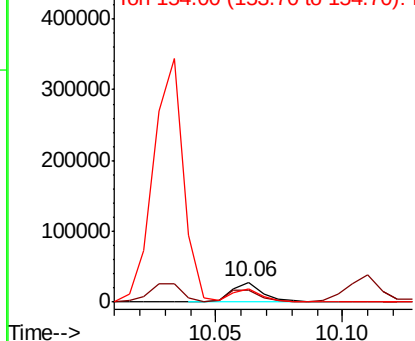


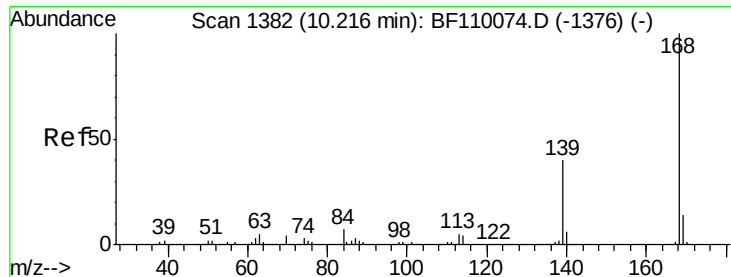
#54
2,4-Dinitrophenol
Concen: 33.347 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:184 Resp: 24782
Ion Ratio Lower Upper
184 100
63 59.0 55.8 83.6
154 66.5 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: 35.507 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

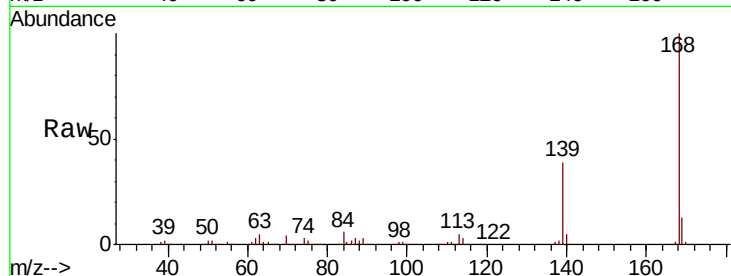
Tot Ion:168 Resp: 410813

Ion Ratio Lower Upper

168 100

139 38.9 33.0 49.6

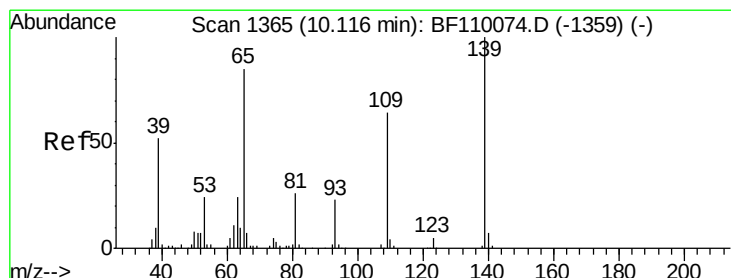
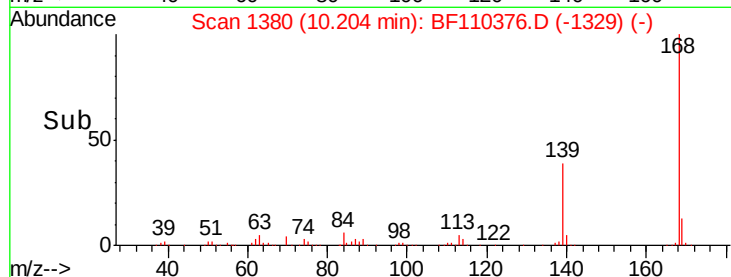
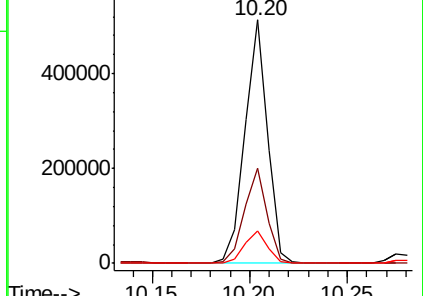
169 13.4 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 68.013 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

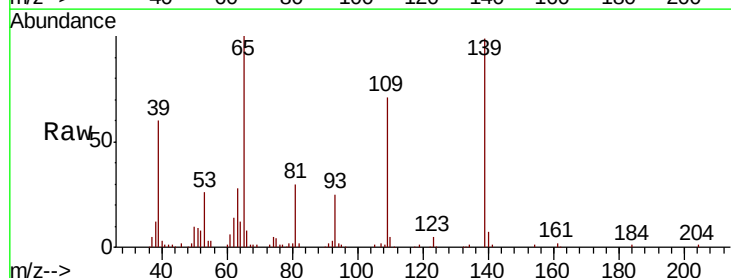
Tgt Ion:139 Resp: 124098

Ion Ratio Lower Upper

139 100

109 72.3 55.8 95.8

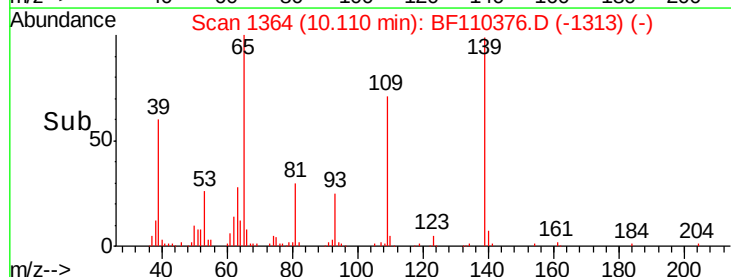
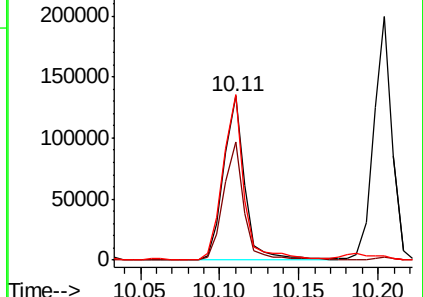
65 101.2 77.9 117.9

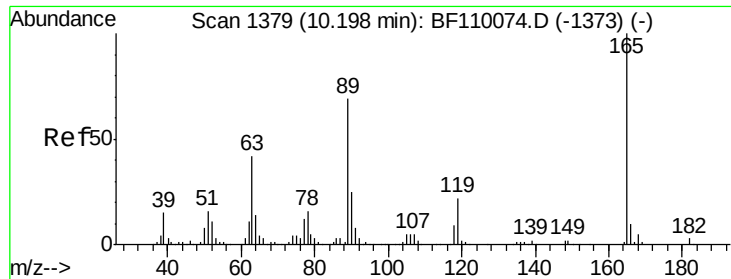


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

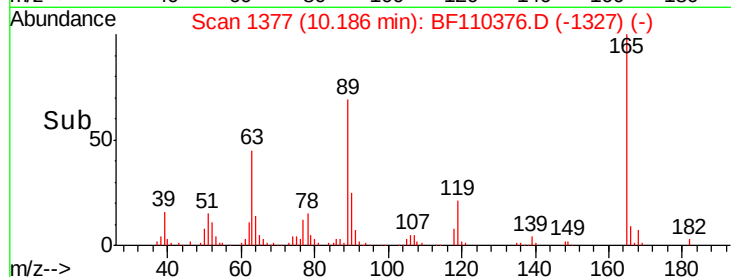
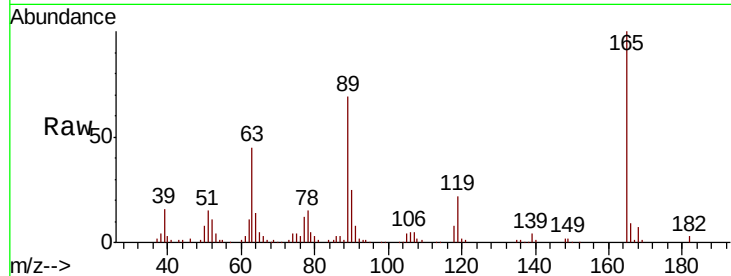




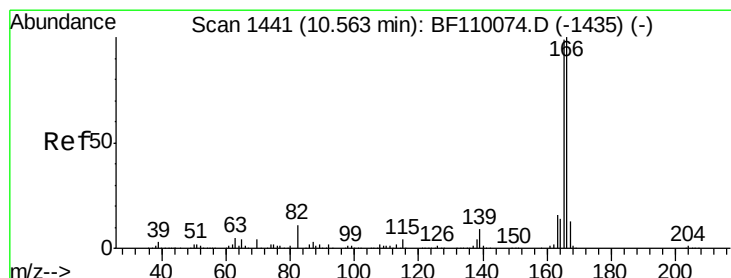
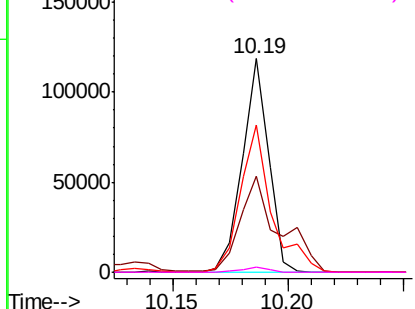
#57
2,4-Dinitrotoluene
Concen: 36.045 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	94914
Ion	Ratio	Lower	Upper
165	100		
63	45.1	44.8	67.2
89	68.8	62.2	93.4
182	2.6	2.1	3.1

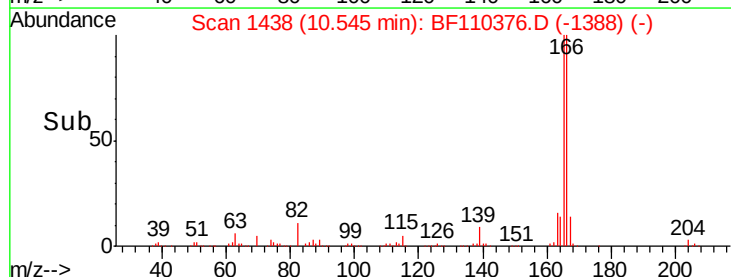
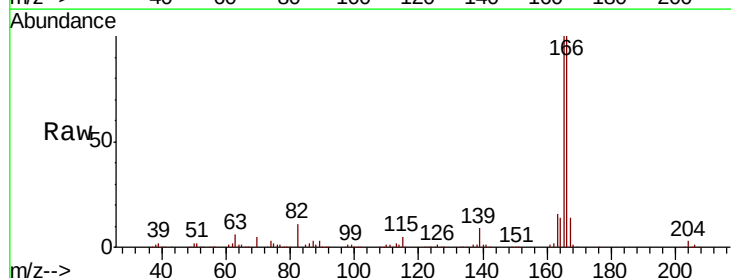


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

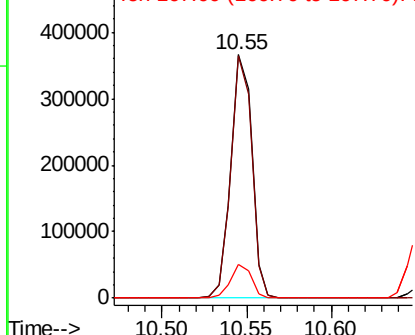


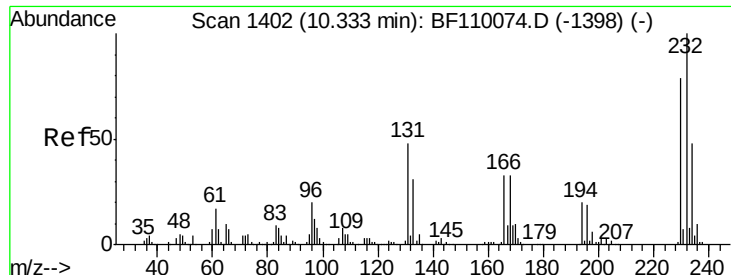
#58
Fluorene
Concen: 36.845 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:	166	Resp:	317262
Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	13.6	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

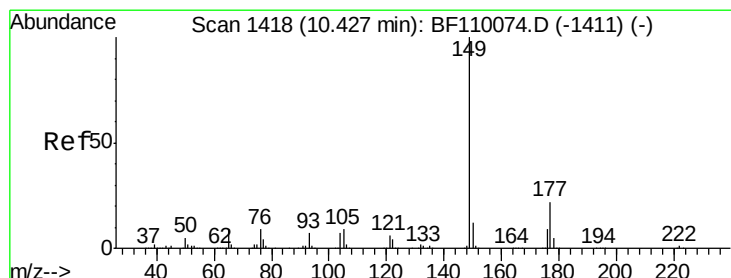
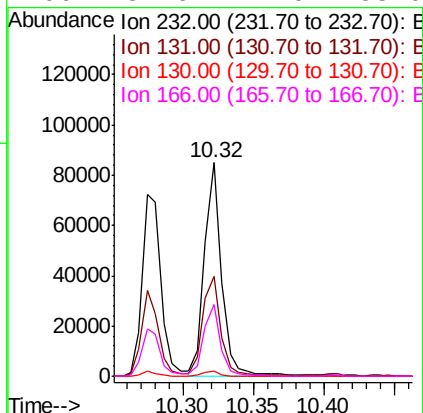
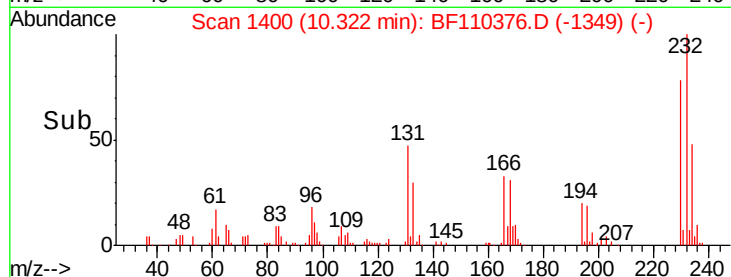
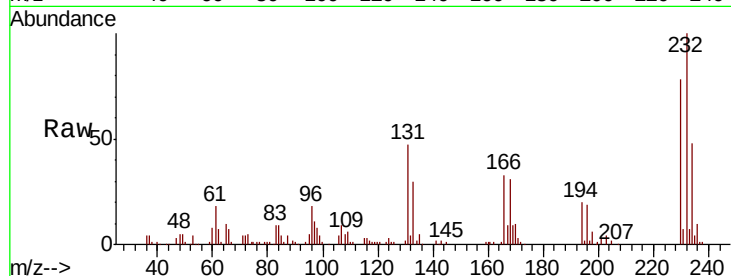




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.275 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

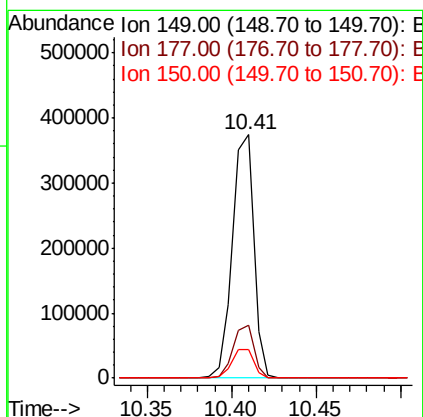
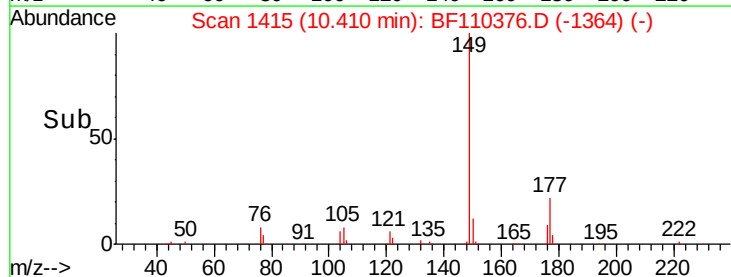
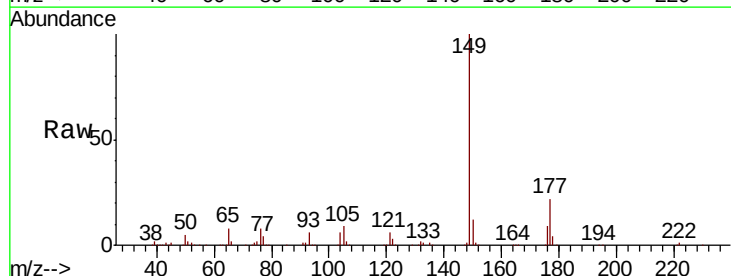
Instrument :
BNA_F
ClientSampleId :

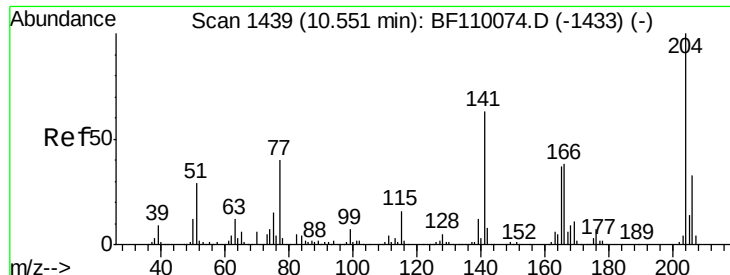
Tot Ion:232 Resp: 72860
Ion Ratio Lower Upper
232 100
131 50.4 37.0 55.4
130 2.2 1.8 2.6
166 32.6 22.0 33.0



#60
Diethylphthalate
Concen: 35.176 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:149 Resp: 330480
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 11.6 9.8 14.8

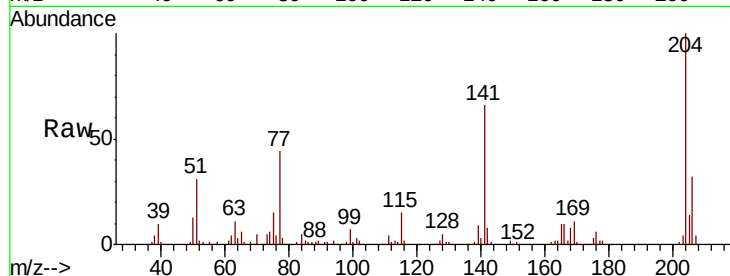




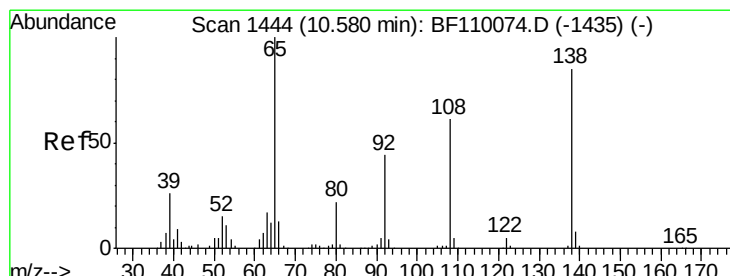
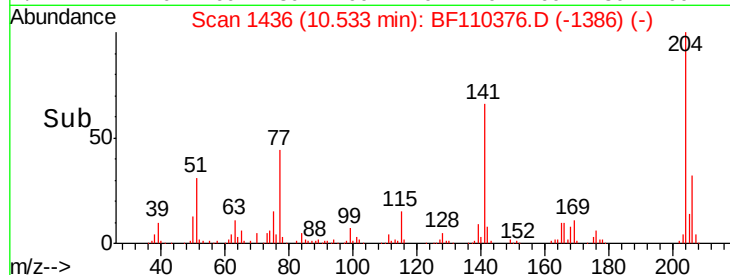
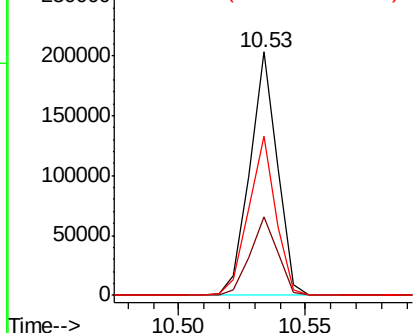
#61
4-Chlorophenyl-phenylether
Concen: 33.796 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 153518
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 65.6 51.8 77.8

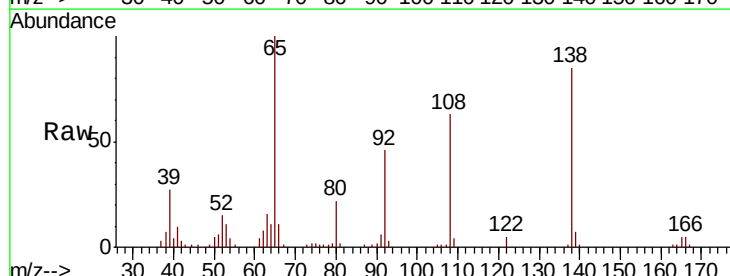


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

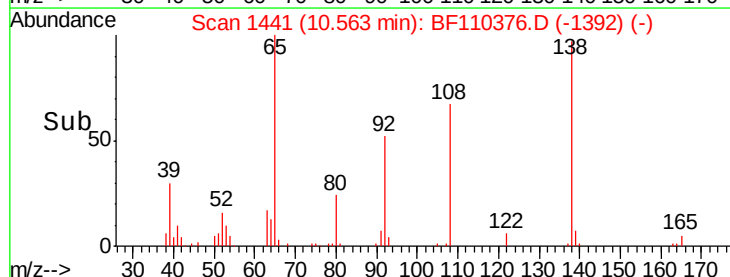
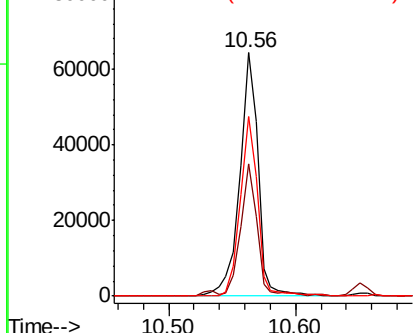


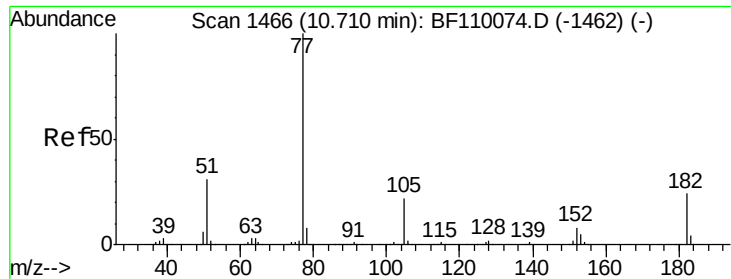
#62
4-Nitroaniline
Concen: 26.061 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:138 Resp: 63901
Ion Ratio Lower Upper
138 100
92 54.1 31.7 71.7
108 73.8 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

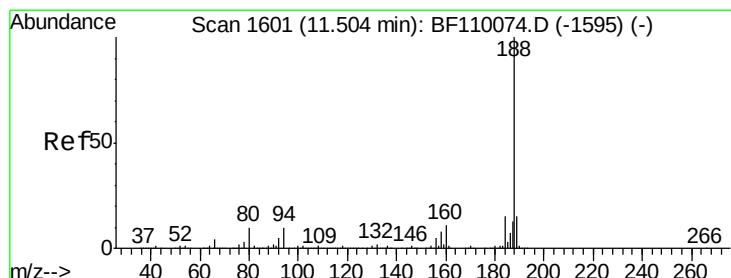
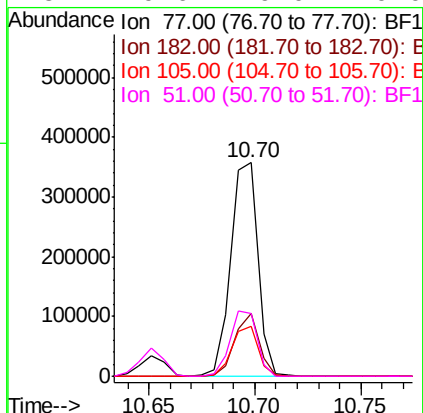
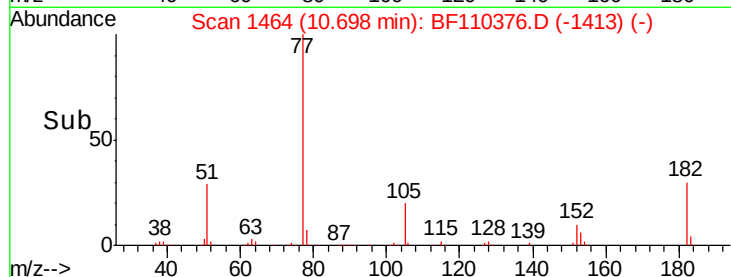
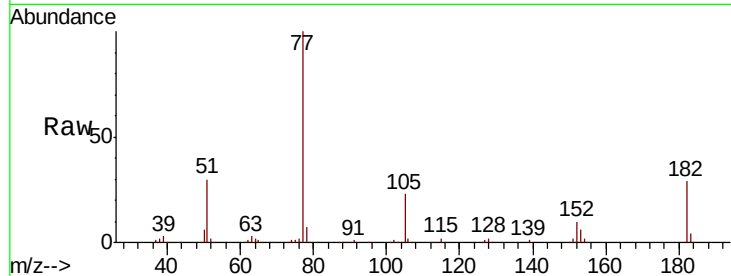




#63
Azobenzene
Concen: 33.731 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

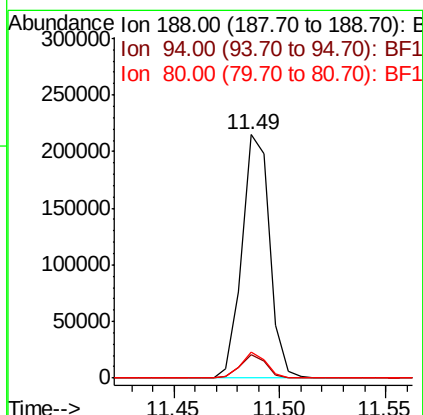
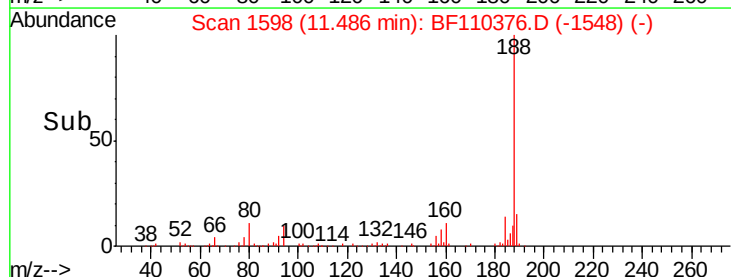
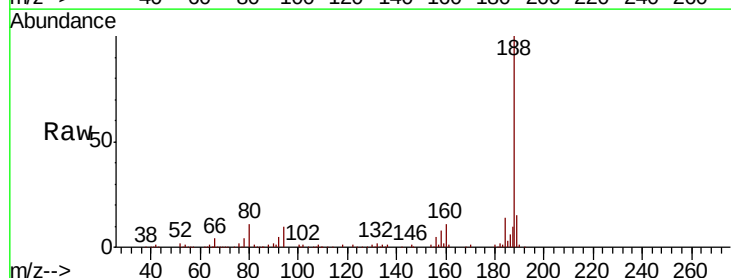
Instrument :
BNA_F
ClientSampled :

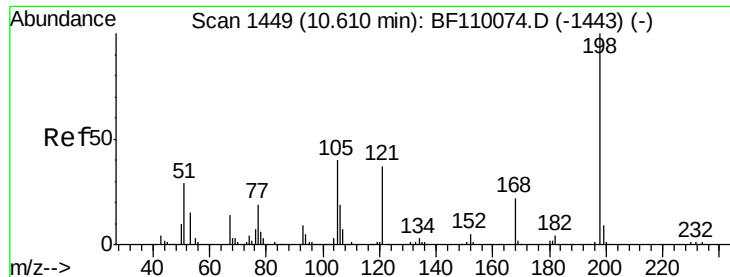
Tot Ion:	77	Resp:	314553
Ion	Ratio	Lower	Upper
77	100		
182	29.2	4.3	44.3
105	23.3	1.3	41.3
51	29.6	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:	188	Resp:	195526
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 29.402 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

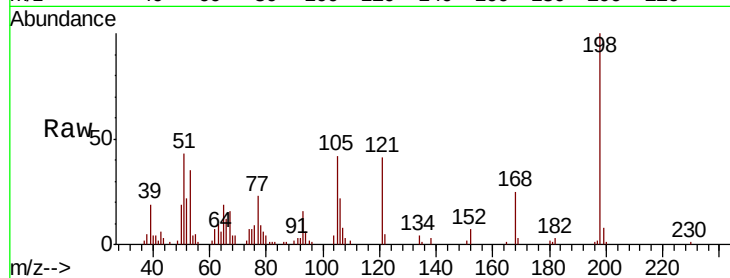
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 26265

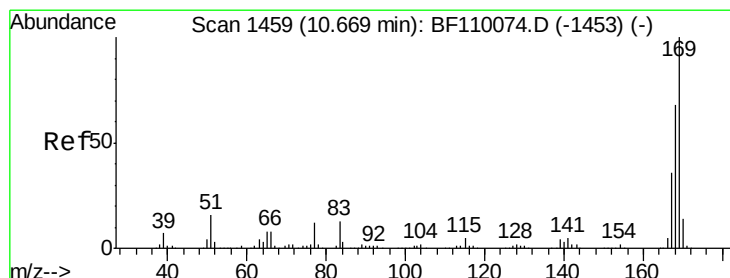
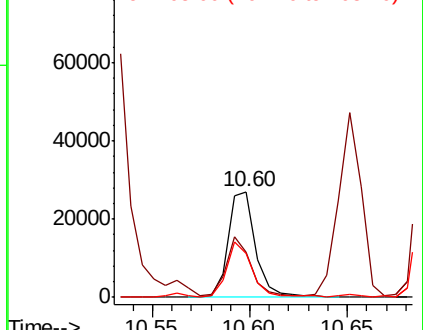
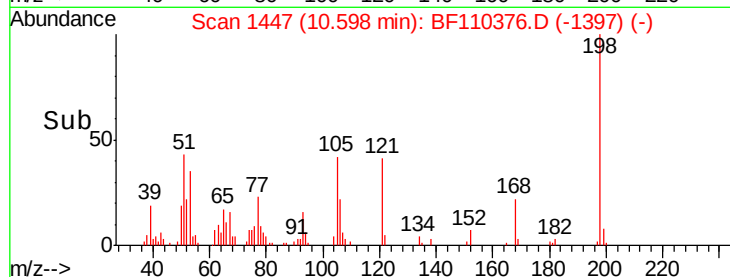
Ion	Ratio	Lower	Upper
198	100		
51	43.0	22.8	62.8
105	42.0	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.819 ng

RT: 10.65 min Scan# 1456

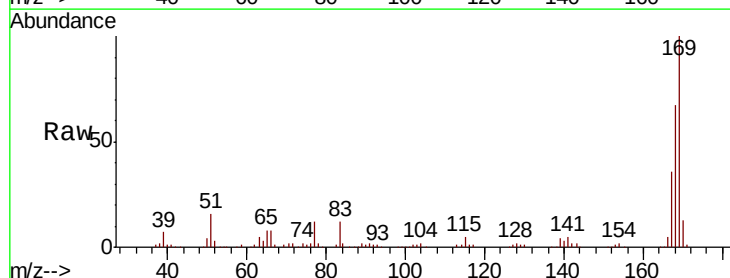
Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Tgt Ion:169 Resp: 261781

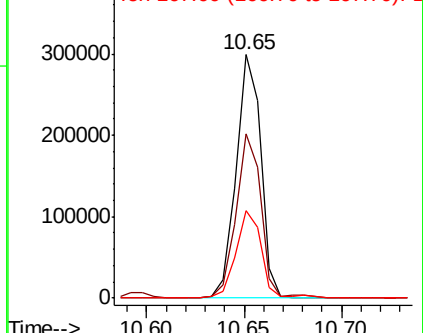
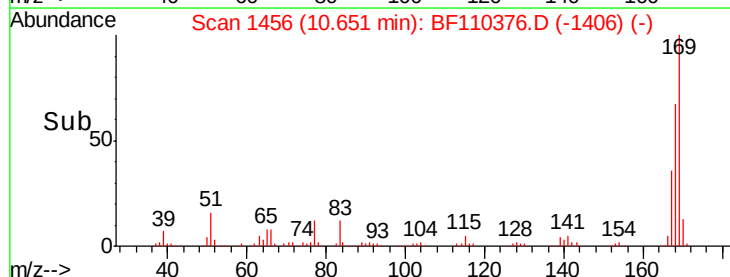
Ion	Ratio	Lower	Upper
169	100		
168	67.4	51.2	76.8
167	36.1	27.8	41.6

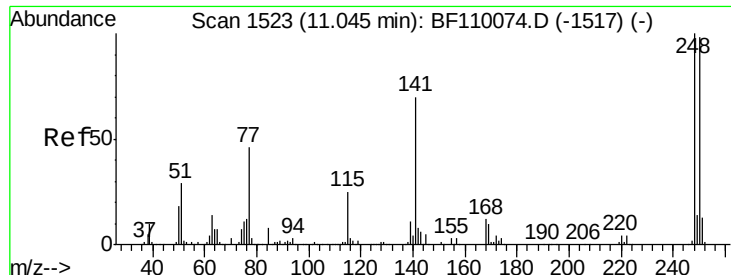


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

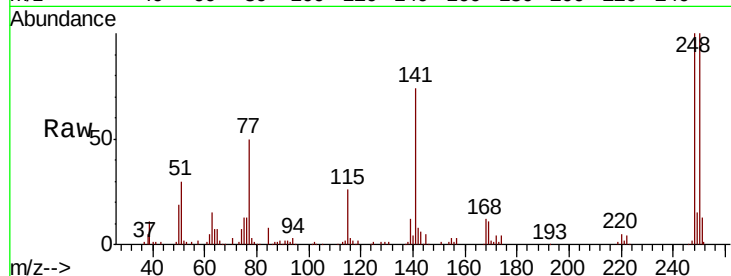




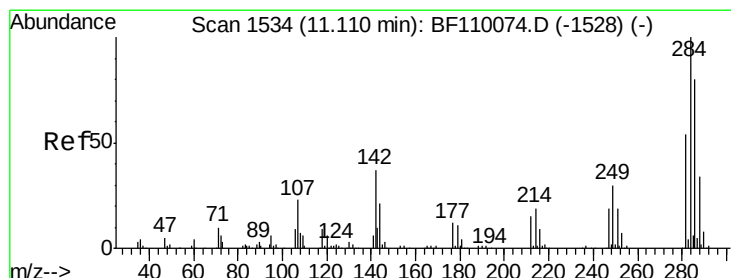
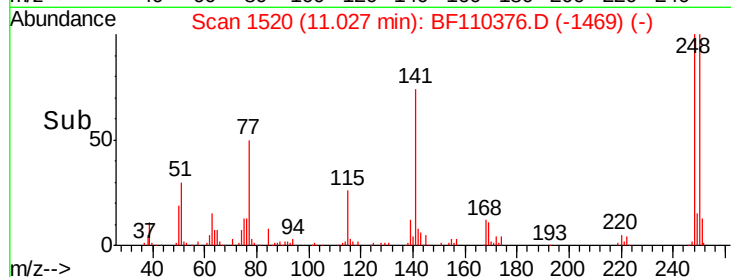
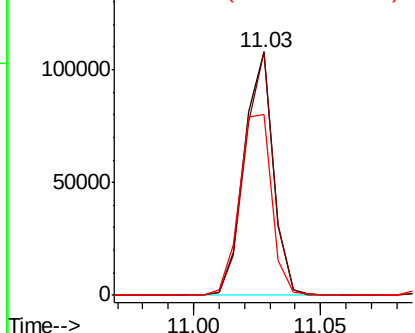
#67
 4-Bromophenyl-phenylether
 Concen: 40.450 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 85791
 Ion Ratio Lower Upper
 248 100
 250 100.2 79.4 119.2
 141 74.2 55.9 83.9

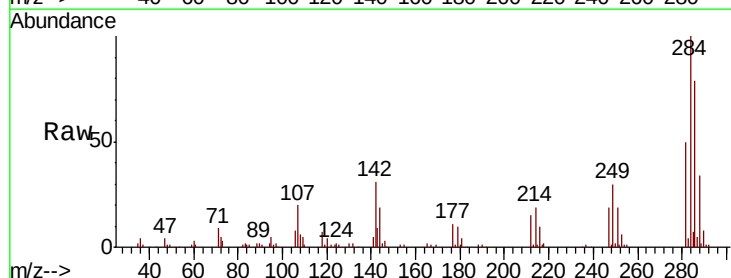


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

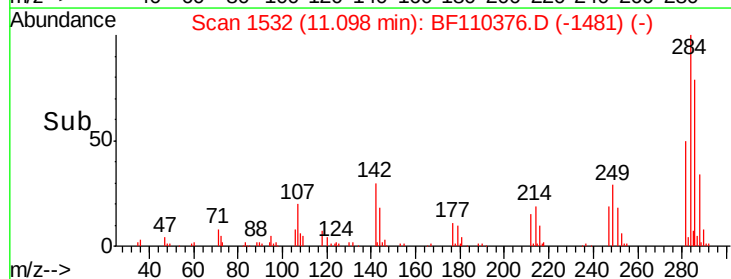
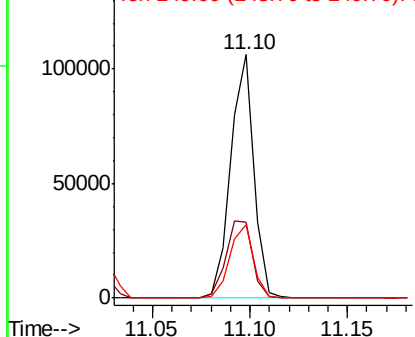


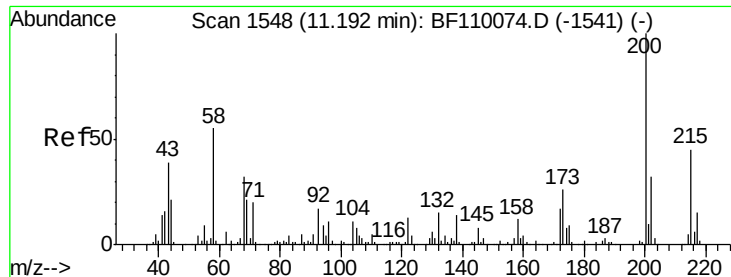
#68
 Hexachlorobenzene
 Concen: 38.798 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion:284 Resp: 87309
 Ion Ratio Lower Upper
 284 100
 142 31.4 23.9 35.9
 249 30.0 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

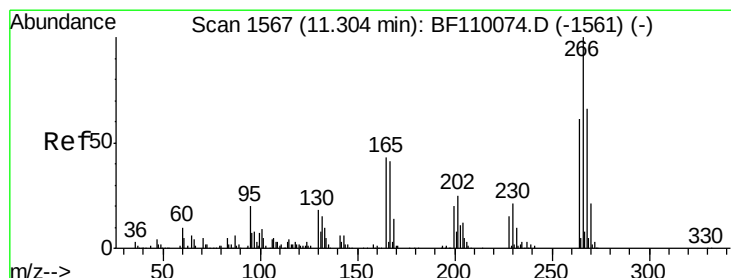
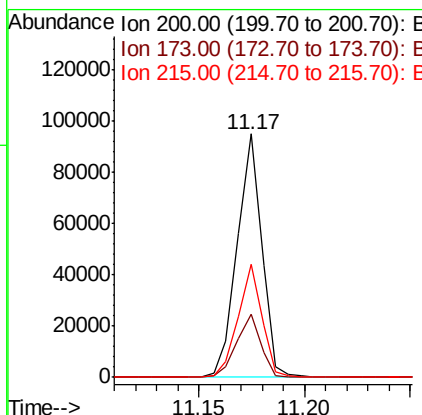
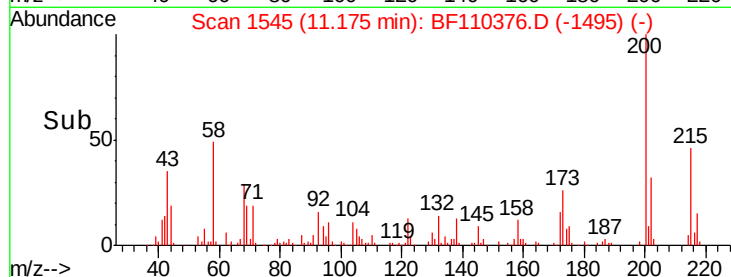
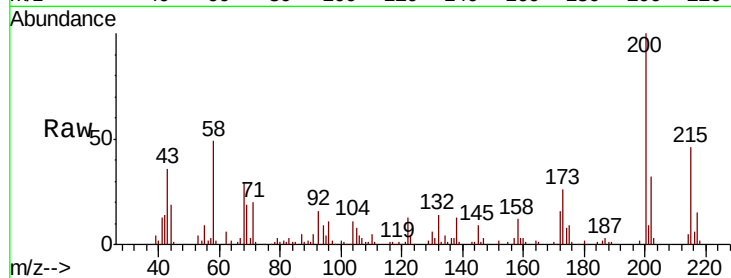




#69
 Atrazine
 Concen: 37.607 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

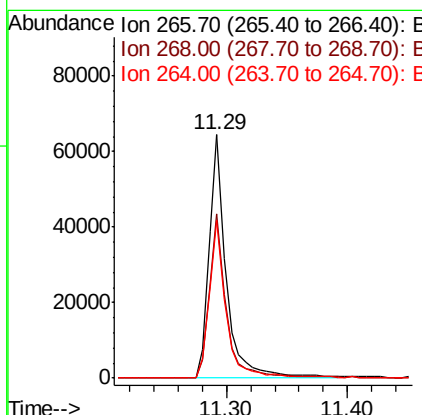
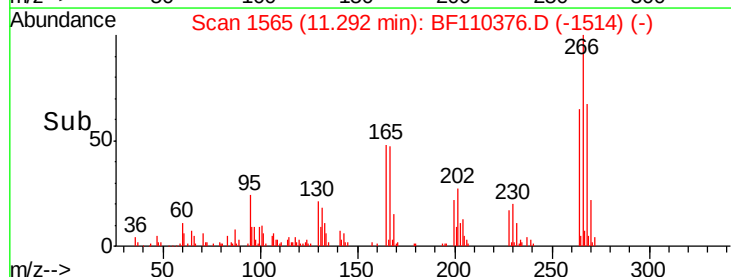
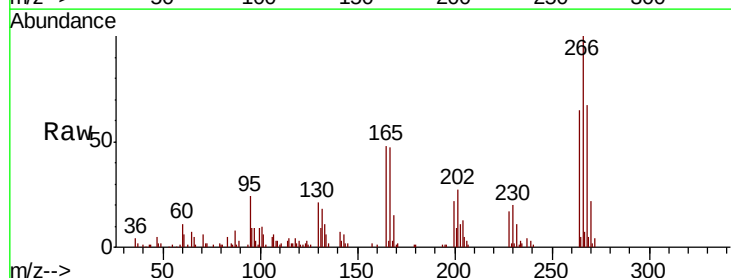
Instrument :
 BNA_F
 ClientSampleId :

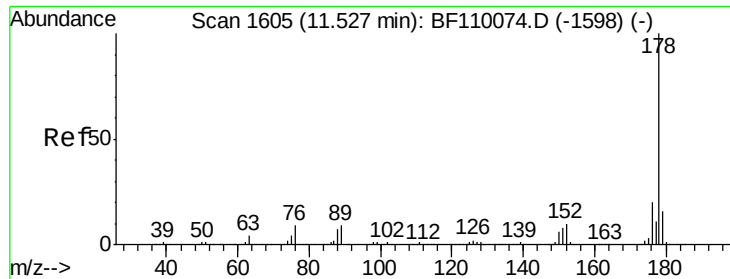
Tot Ion:200 Resp: 76220
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.6 46.6
 215 46.3 26.3 66.3



#70
 Pentachlorophenol
 Concen: 48.412 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion:266 Resp: 63525
 Ion Ratio Lower Upper
 266 100
 268 67.2 50.6 75.8
 264 64.8 50.6 75.8

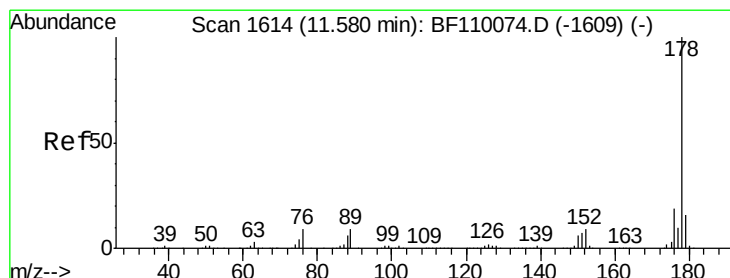
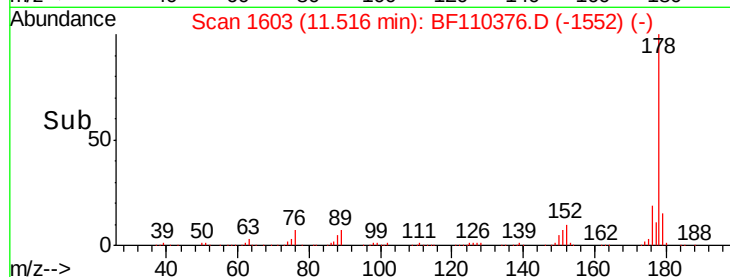
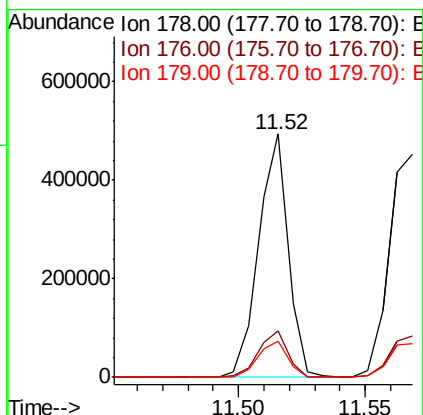
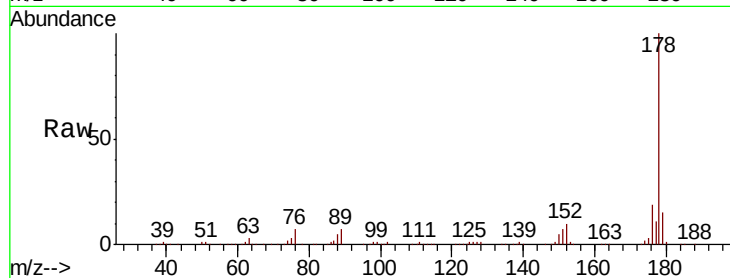




#71
Phenanthrene
Concen: 39.540 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

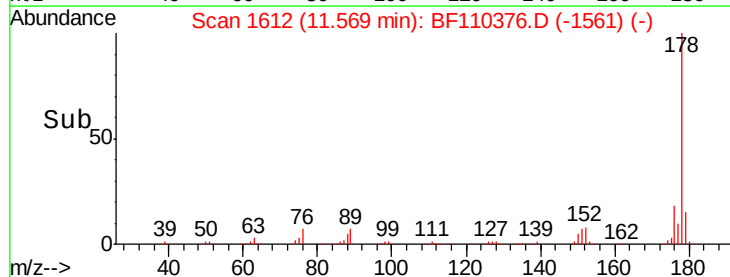
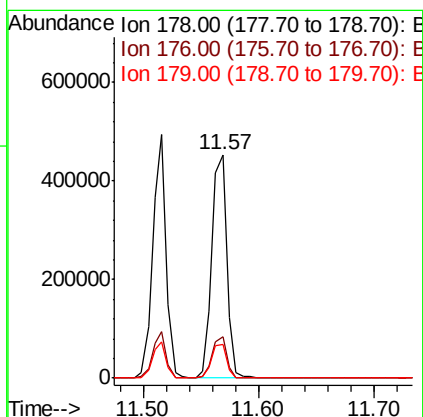
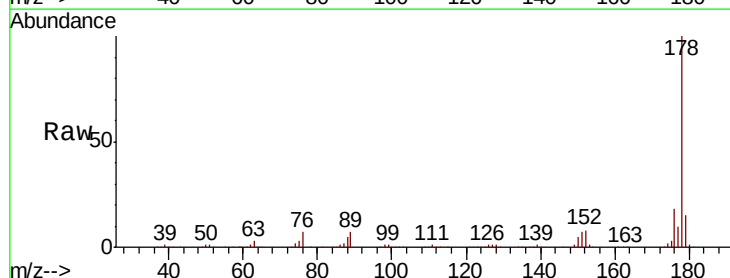
Instrument :
BNA_F
ClientSampleId :

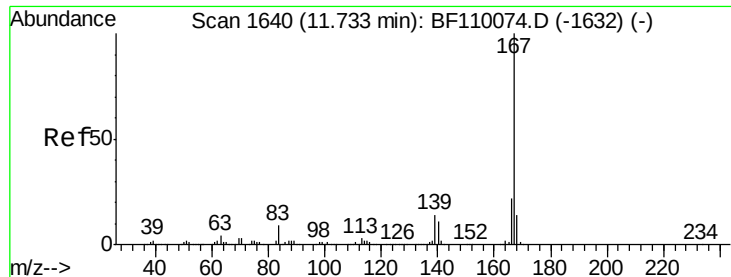
Tot Ion:178 Resp: 404527
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.0 12.5 18.7



#72
Anthracene
Concen: 40.311 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:178 Resp: 413375
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.3 12.6 18.8

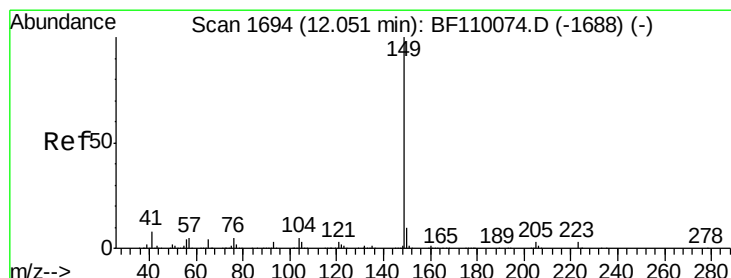
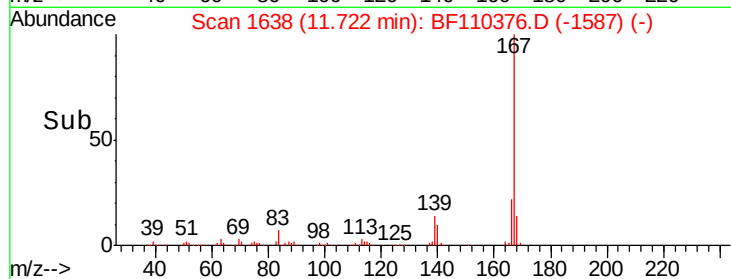
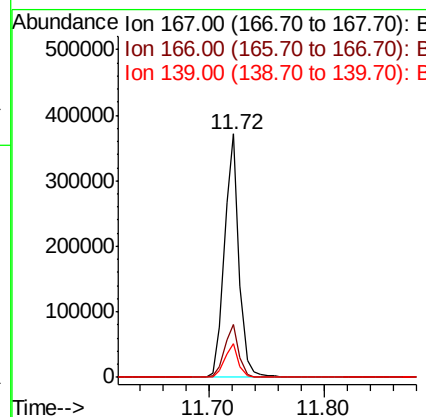
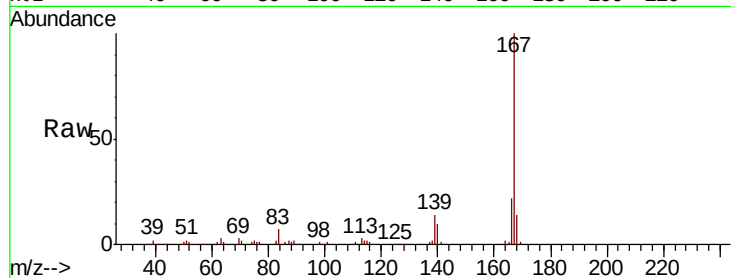




#73
 Carbazole
 Concen: 32.118 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

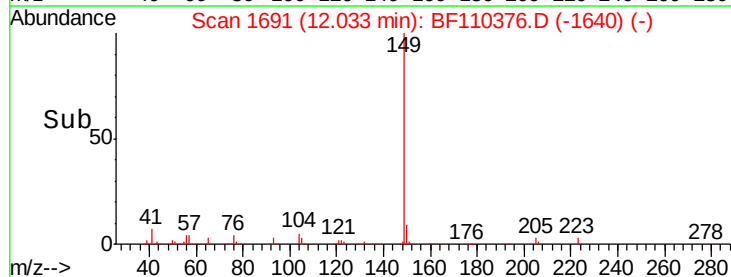
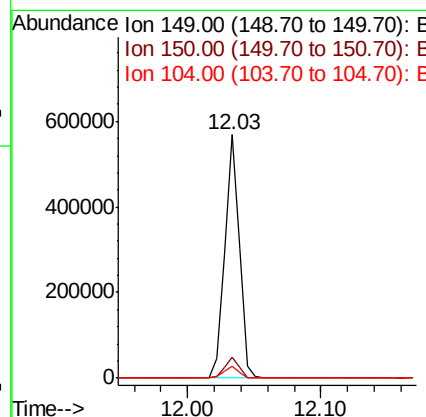
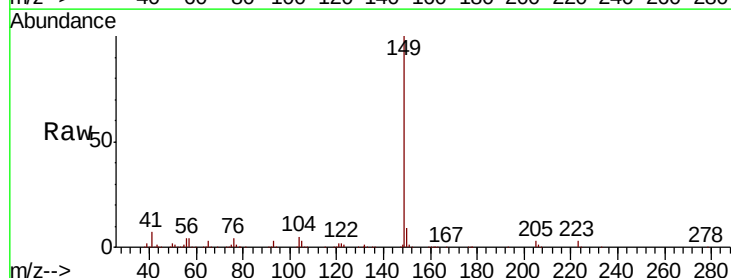
Instrument :
 BNA_F
 ClientSampleId :

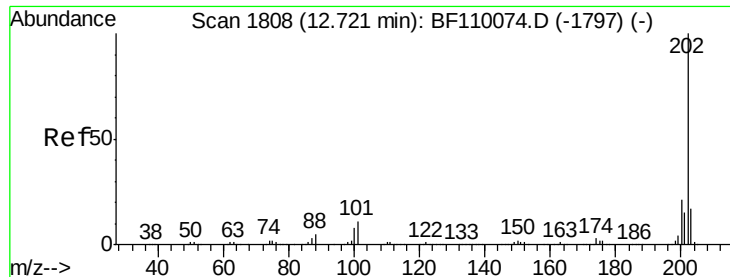
Tot Ion:167 Resp: 321584
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.901 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion:149 Resp: 439903
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.7 11.5
 104 4.8 4.2 6.4

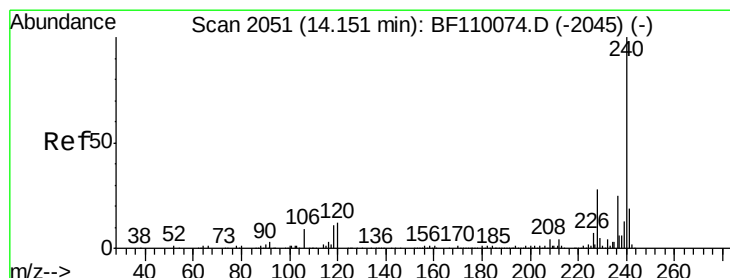
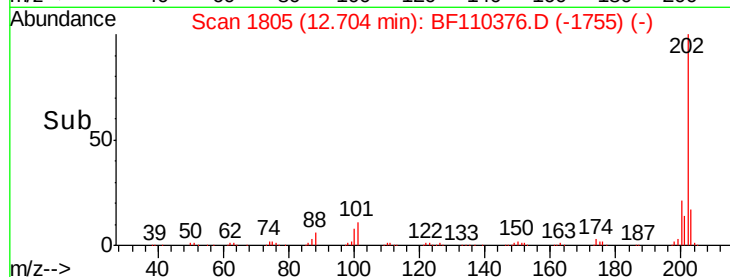
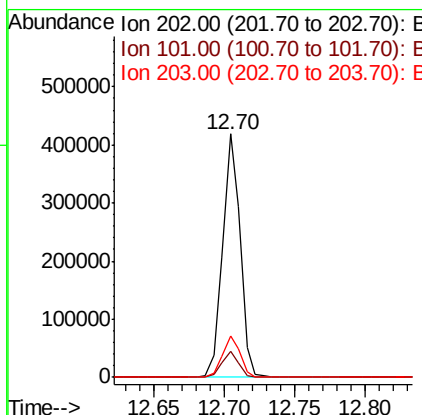
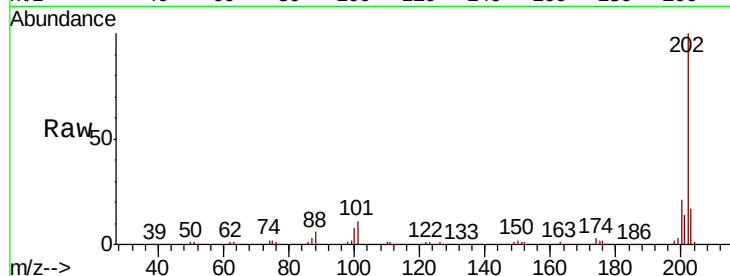




#75
Fluoranthene
Concen: 34.779 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

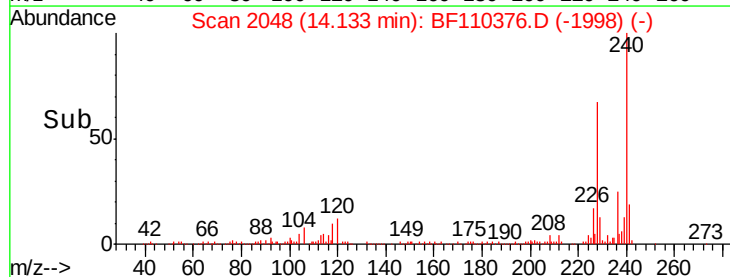
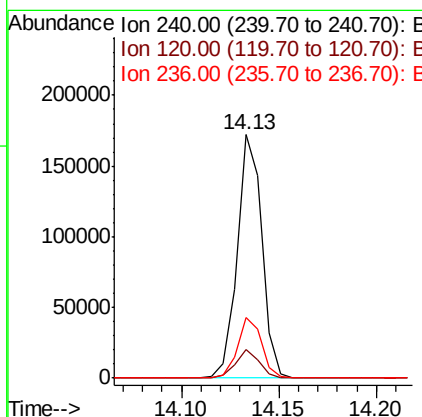
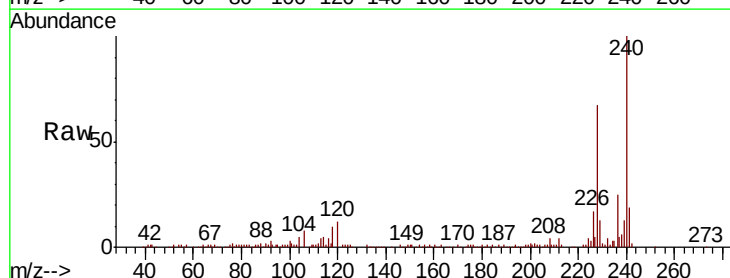
Instrument :
BNA_F
ClientSampled :

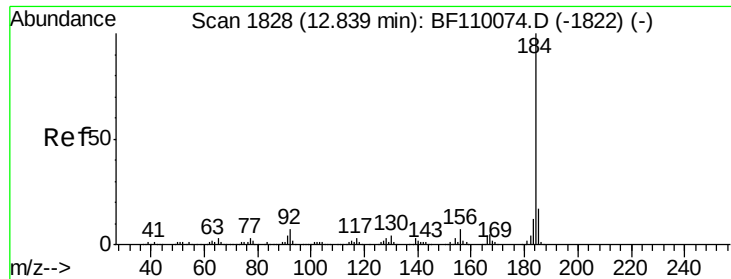
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.0	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	24.7	21.2	31.8





#77

Benzidine

Concen: 0.231 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.24 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampled :

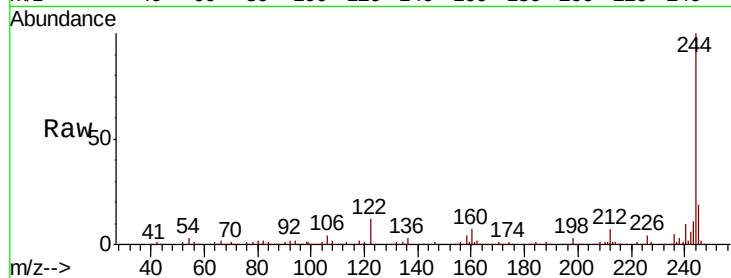
Tot Ion:184 Resp: 6241

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

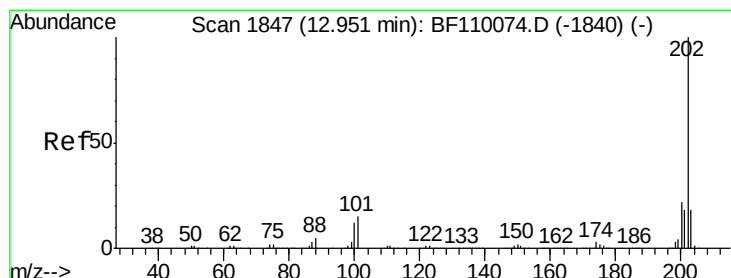
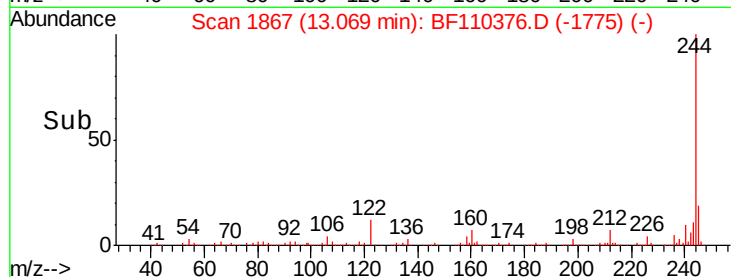
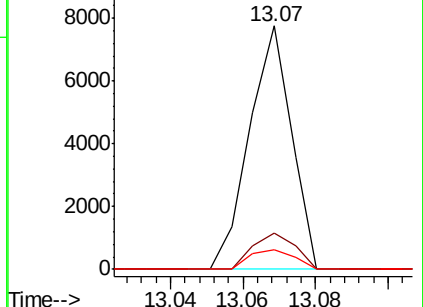
183 8.3 9.4 14.2#



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: 32.511 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

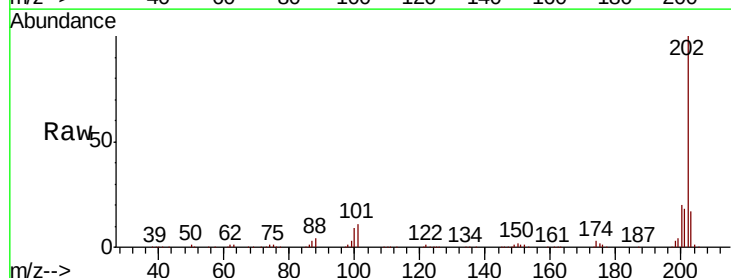
Tgt Ion:202 Resp: 350306

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

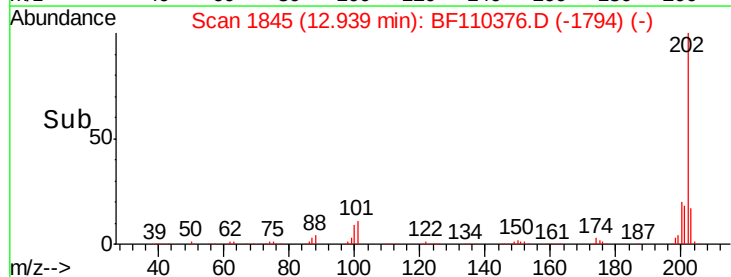
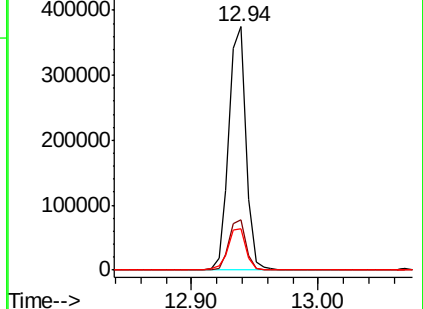
203 17.0 14.2 21.4

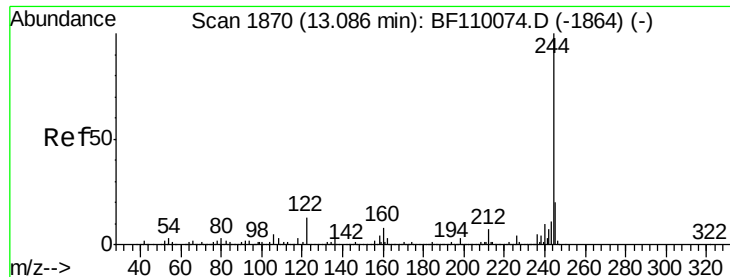


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.981 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampleId :

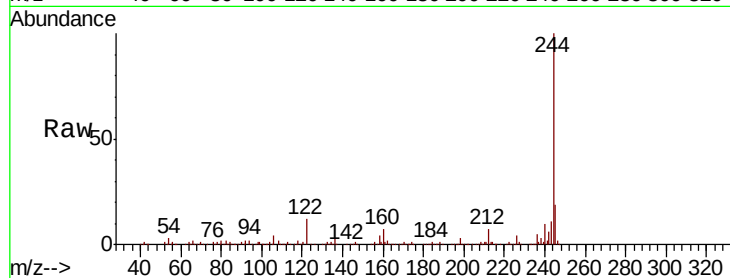
Tot Ion:244 Resp: 469608

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

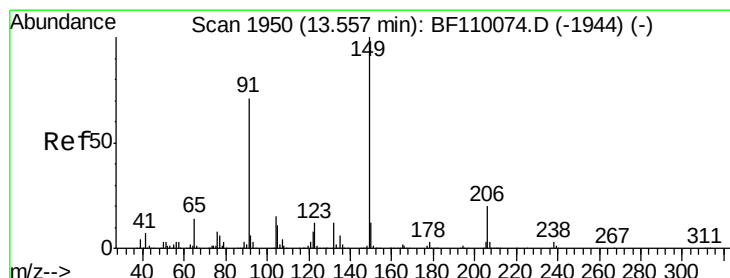
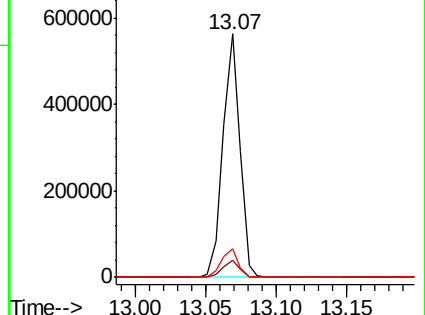
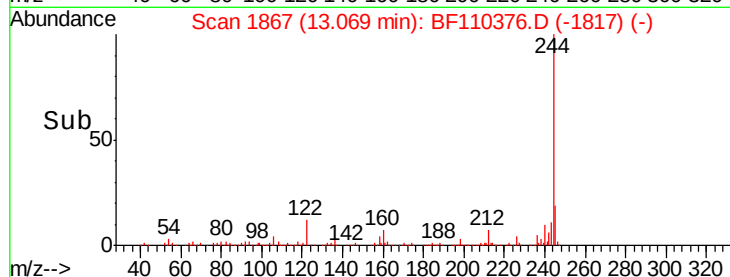
122 11.8 8.7 13.1



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: 33.194 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

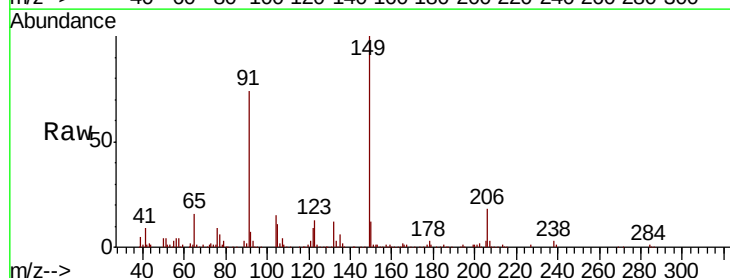
Tgt Ion:149 Resp: 155243

Ion Ratio Lower Upper

149 100

91 74.4 57.2 85.8

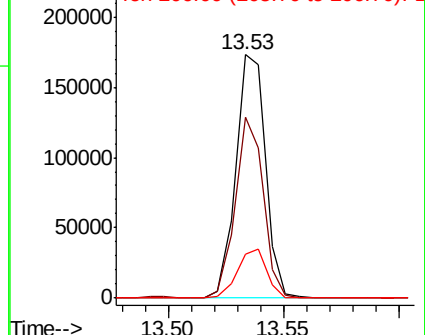
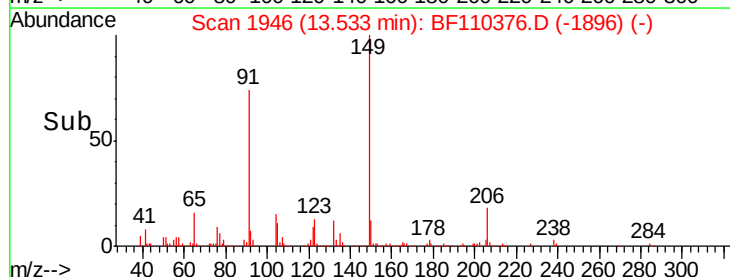
206 18.1 15.7 23.5

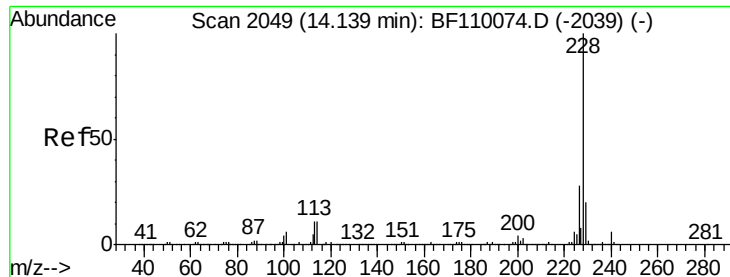


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.447 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

Instrument :

BNA_F

ClientSampled :

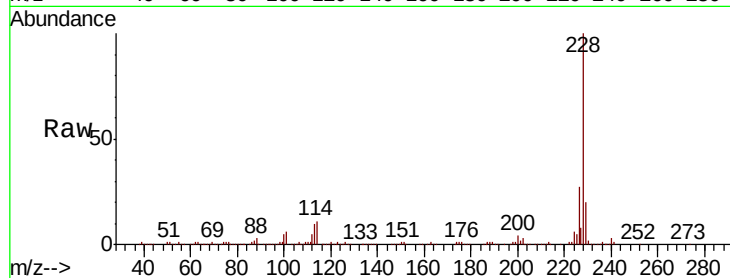
Tot Ion:228 Resp: 342674

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.6 15.6 23.4

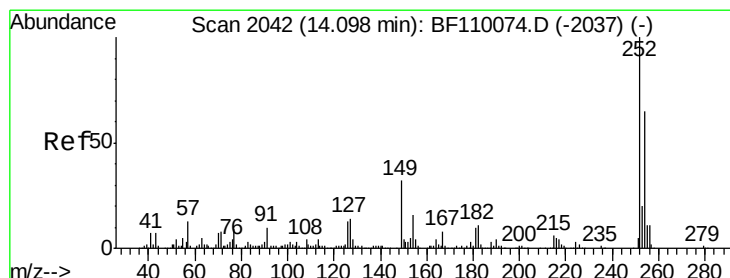
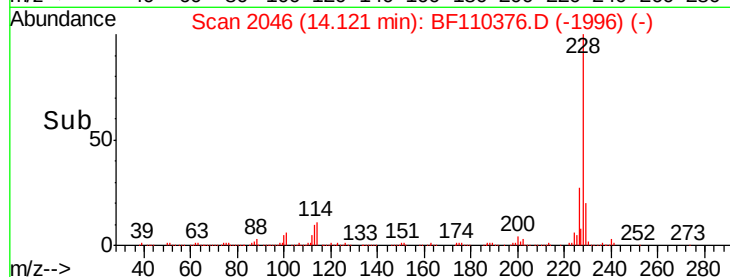
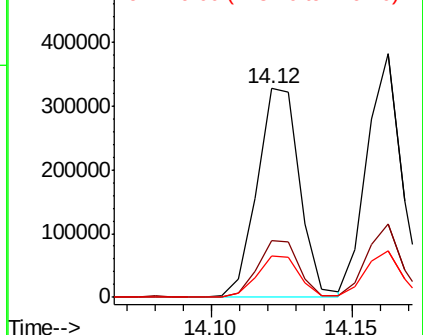


Abundance

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: 24.851 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110376.D

Acq: 1 Nov 2018 19:12

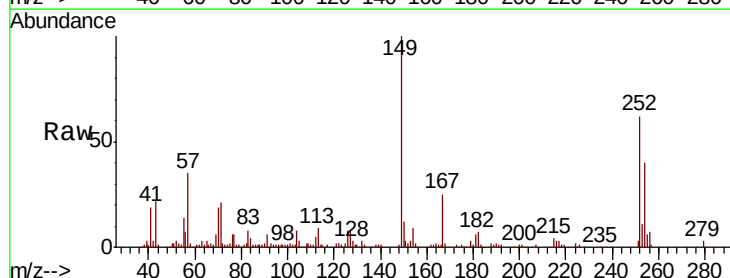
Tgt Ion:252 Resp: 77128

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

126 12.9 9.4 14.2

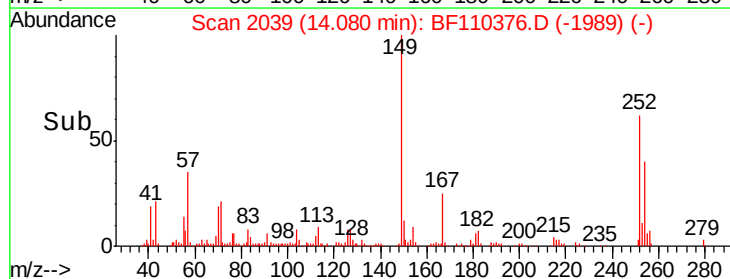
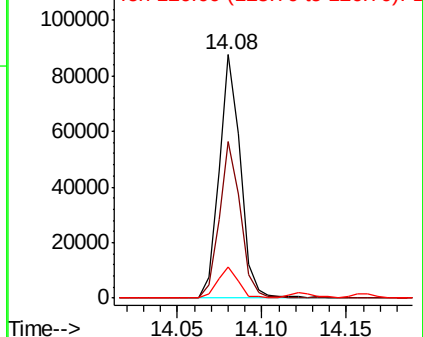


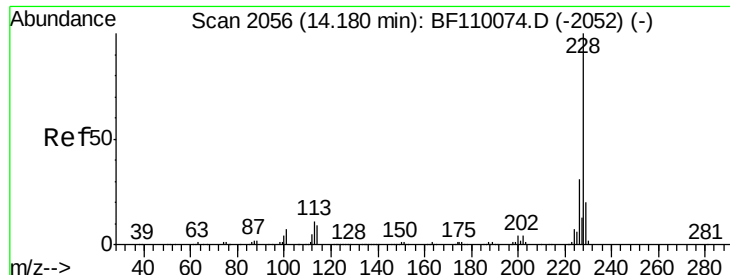
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

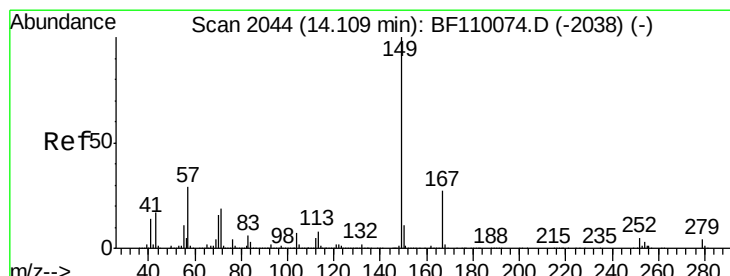
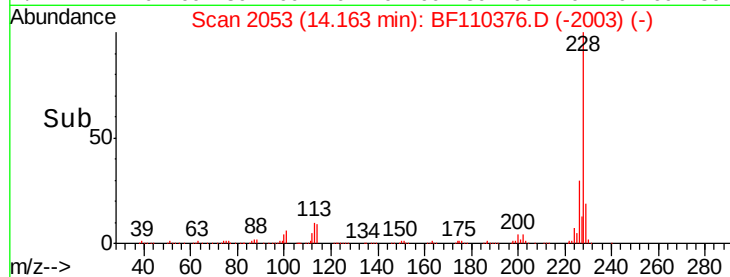
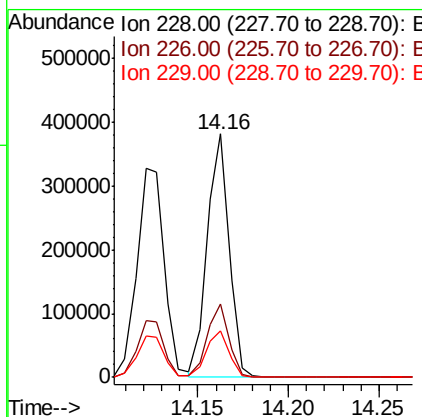
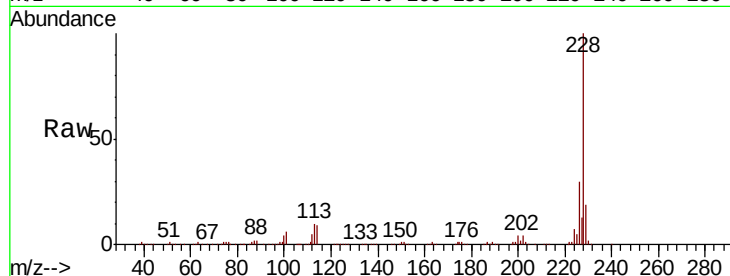




#83
 Chrysene
 Concen: 37.838 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

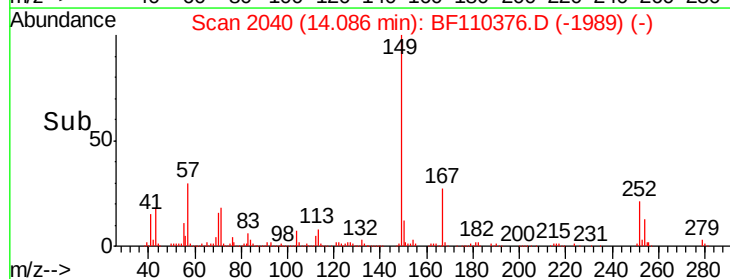
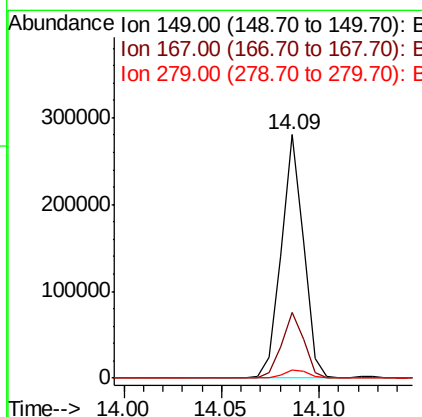
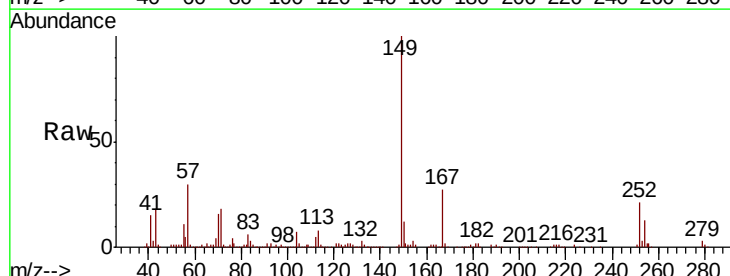
Instrument :
 BNA_F
 ClientSampleId :

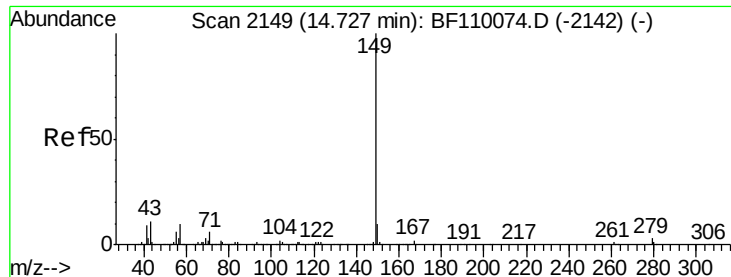
Tot Ion:228 Resp: 320318
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.7 37.1
 229 19.2 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.159 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110376.D
 Acq: 1 Nov 2018 19:12

Tgt Ion:149 Resp: 222275
 Ion Ratio Lower Upper
 149 100
 167 26.7 19.8 29.8
 279 3.3 2.7 4.1

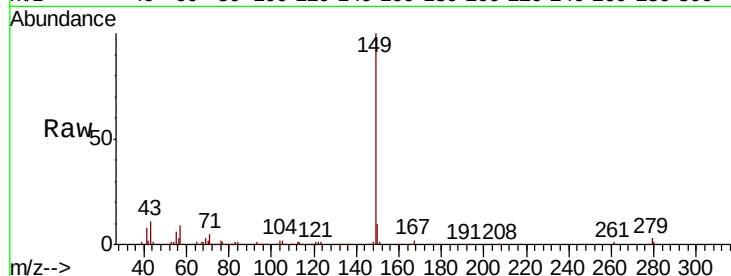




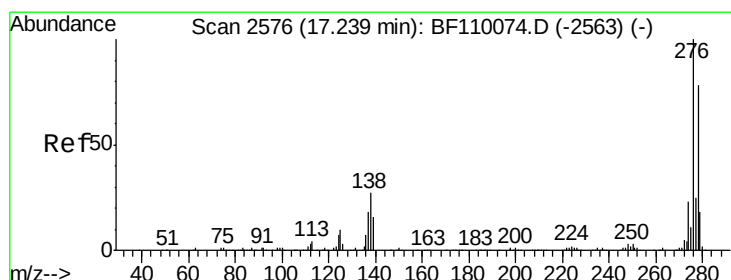
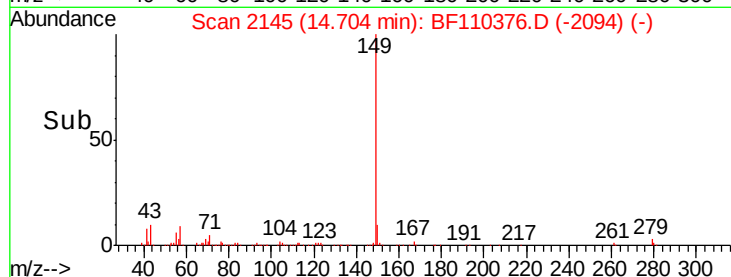
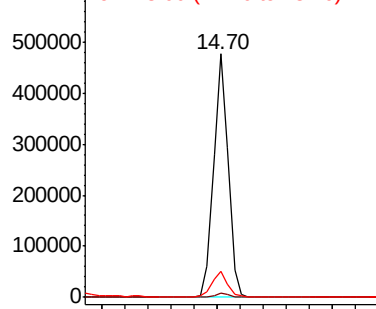
#85
Di-n-octyl phthalate
Concen: 42.407 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 416881
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.3 7.8 11.8

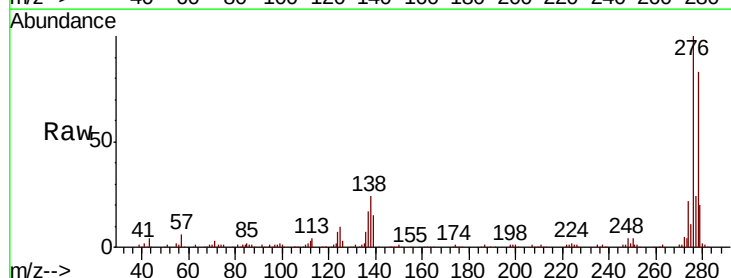


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

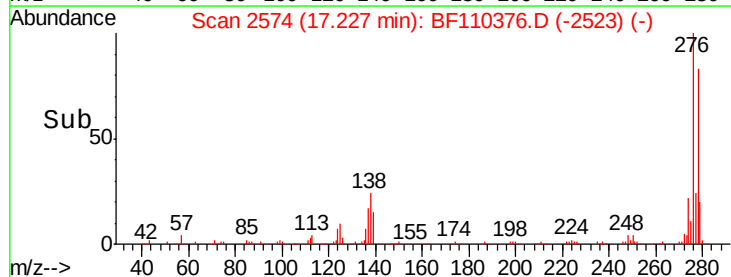
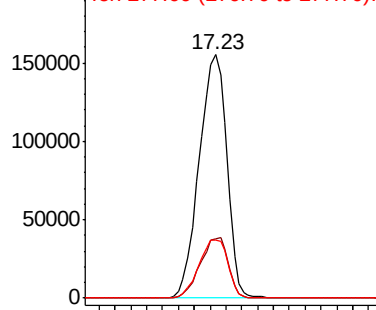


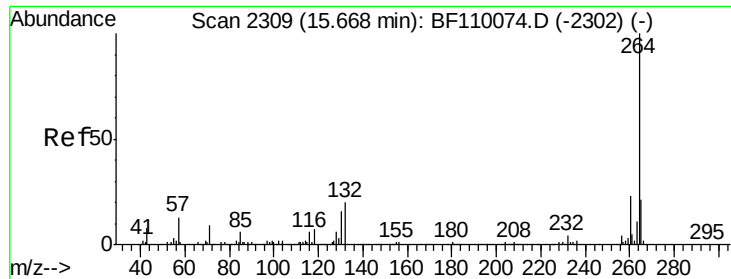
#86
Indeno(1,2,3-cd)pyrene
Concen: 53.637 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:276 Resp: 376690
Ion Ratio Lower Upper
276 100
138 25.1 18.5 27.7
277 25.0 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

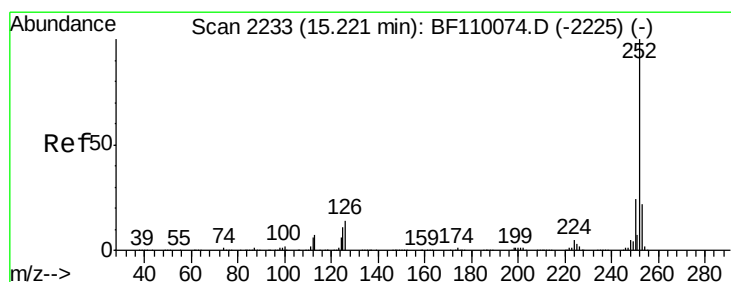
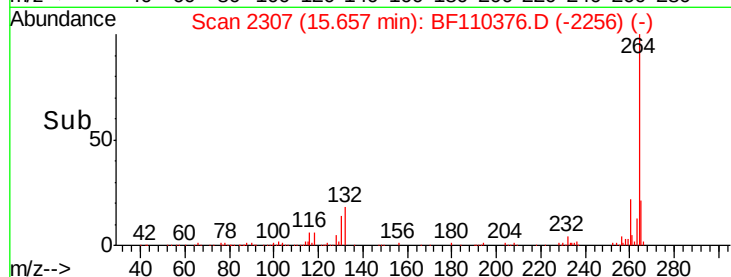
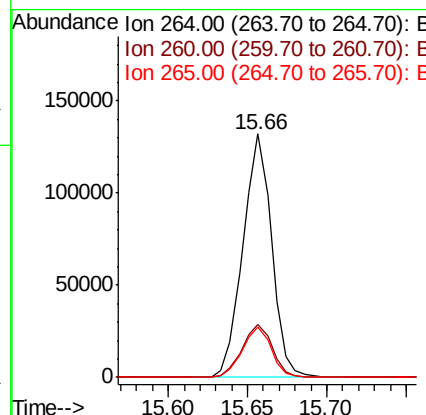
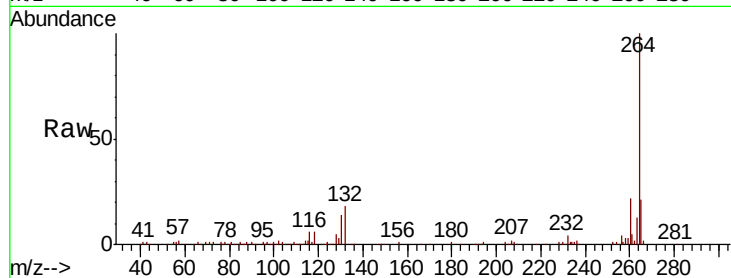




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

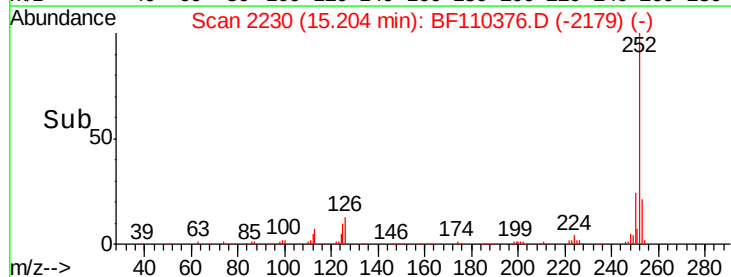
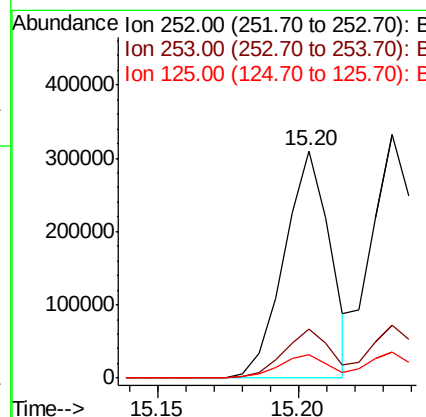
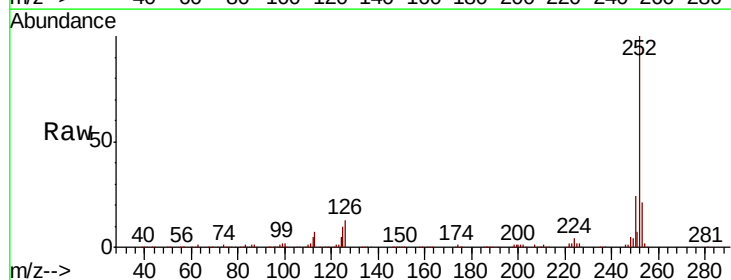
Instrument :
BNA_F
ClientSampleId :

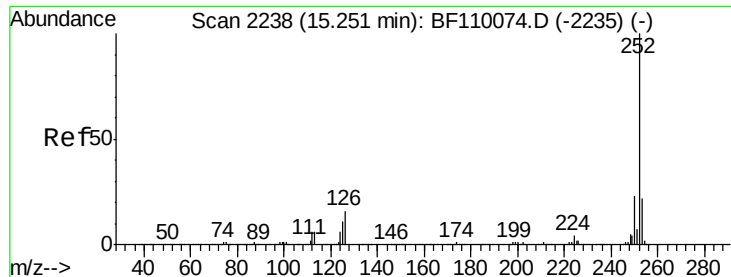
Tot Ion:264 Resp: 165595
Ion Ratio Lower Upper
264 100
260 21.9 18.7 28.1
265 20.9 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 36.596 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:252 Resp: 349950
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.1 8.2 12.4

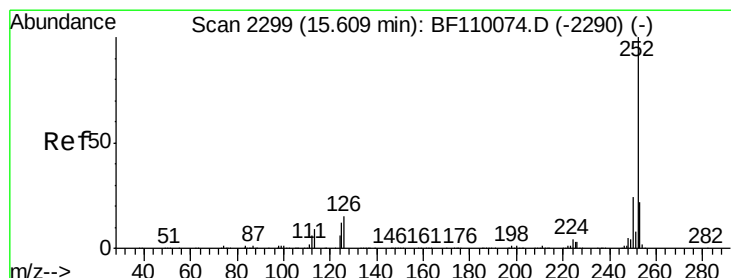
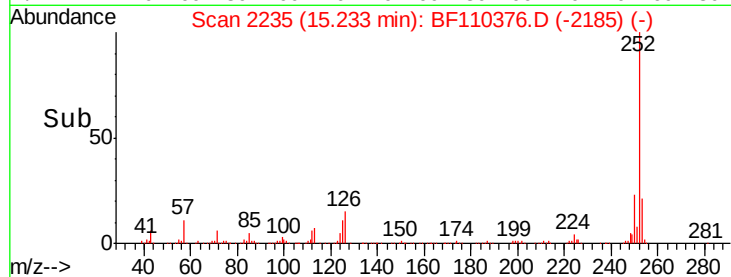
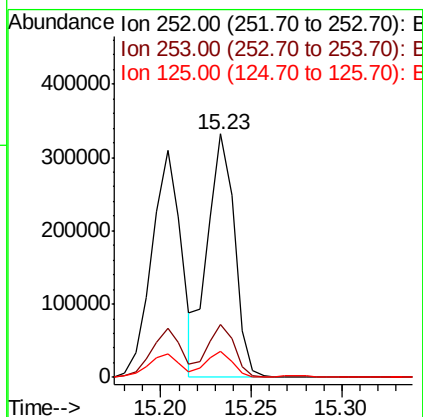
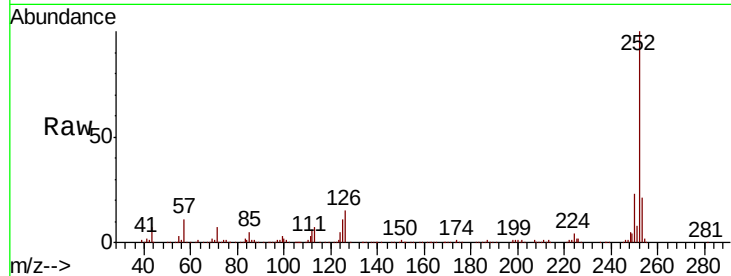




#89
Benzo(k)fluoranthene
Concen: 36.383 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

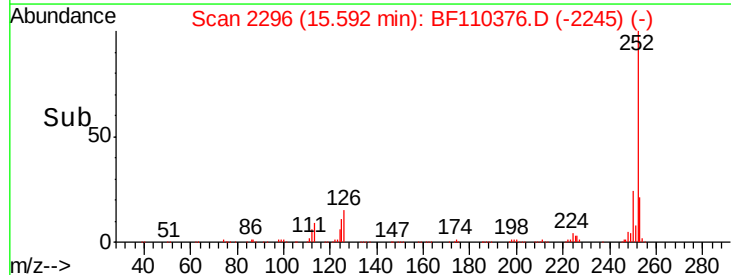
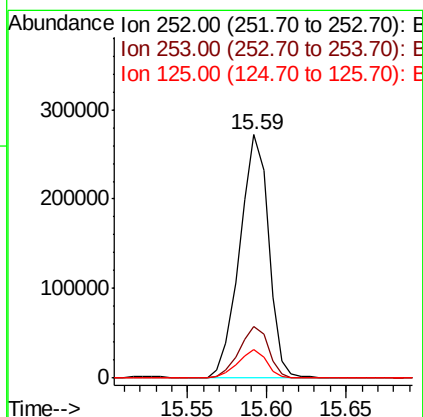
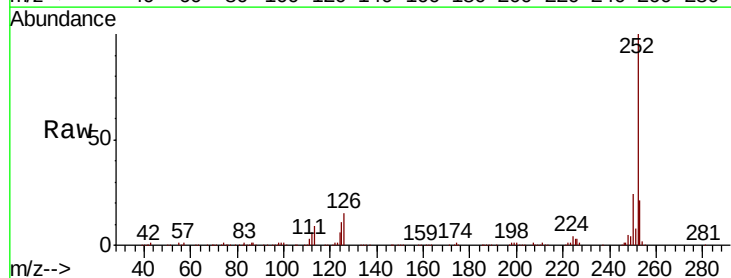
Instrument :
BNA_F
ClientSampleId :

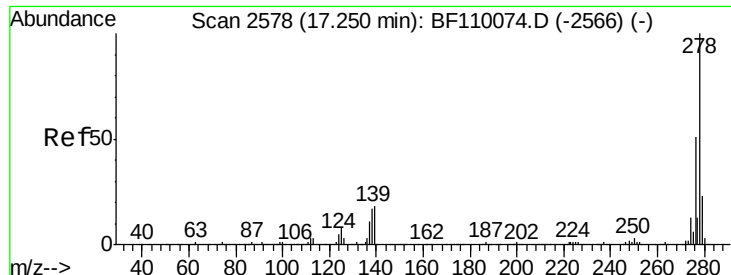
Tot Ion:252 Resp: 342034
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.255 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion:252 Resp: 345403
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 11.5 9.0 13.6

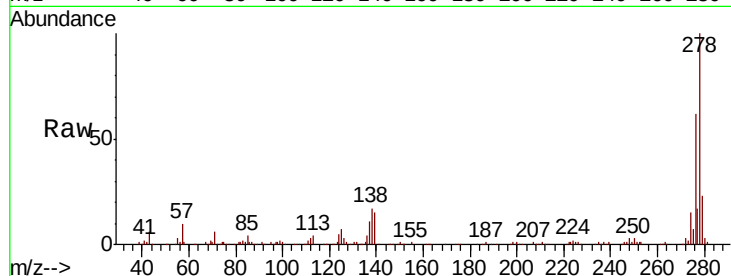




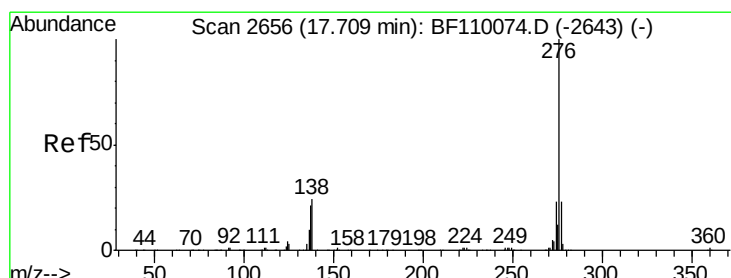
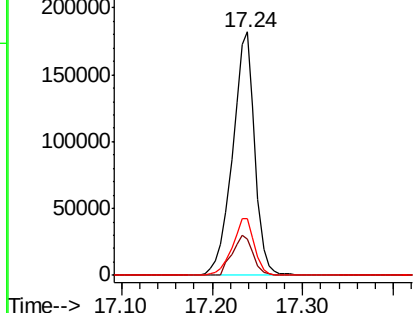
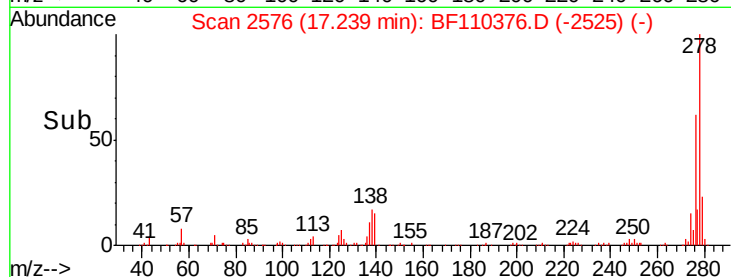
#91
Dibenzo(a,h)anthracene
Concen: 41.033 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	23.4	19.0	28.4

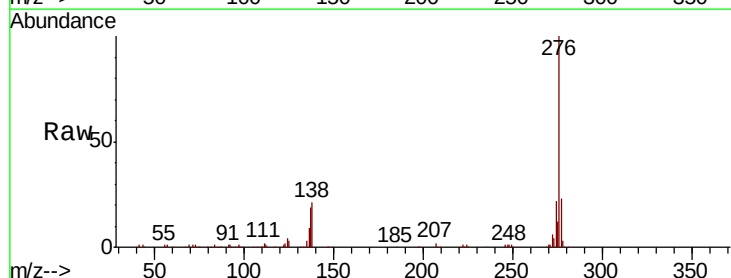


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.210 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110376.D
Acq: 1 Nov 2018 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	21.3	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

