

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110404.D
 Acq On : 2 Nov 2018 11:41
 Operator : JU/SJ
 Sample : PB114382BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:54:33 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	68642	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	289344	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	135269	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	244503	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146561	20.00	ng	0.00
87) Perylene-d12	15.66	264	146398	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	643049	152.56	ng	0.02
7) Phenol-d6	6.59	99	794201	147.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	399043	81.80	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	191130	142.64	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	773743	89.82	ng	0.00
79) Terphenyl-d14	13.07	244	638625	90.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	98435	44.572	ng	90
3) Pyridine	3.66	79	202866	41.242	ng	87
4) n-Nitrosodimethylamine	3.61	42	94536	45.873	ng	# 93
6) Aniline	6.62	93	232883	33.158	ng	# 53
8) 2-Chlorophenol	6.75	128	205510	42.288	ng	97
9) Benzaldehyde	6.51	77	147009	50.847	ng	98
10) Phenol	6.60	94	255892	44.401	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	190885	40.259	ng	92
12) 1,3-Dichlorobenzene	6.90	146	221134	41.348	ng	97
13) 1,4-Dichlorobenzene	6.97	146	226198	41.820	ng	99
14) 1,2-Dichlorobenzene	7.13	146	209257	41.675	ng	97
15) Benzyl Alcohol	7.09	79	176128	42.474	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	310341	40.937	ng	69
17) 2-Methylphenol	7.20	107	166718	43.046	ng	# 82
18) Hexachloroethane	7.46	117	84865	42.855	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	140615	40.653	ng	93
20) 3+4-Methylphenols	7.35	107	208660	41.679	ng	92
22) Acetophenone	7.36	105	284666	42.697	ng	96
24) Nitrobenzene	7.54	77	209340	41.565	ng	94
25) Isophorone	7.77	82	384040	46.184	ng	95
26) 2-Nitrophenol	7.85	139	106879	44.595	ng	97
27) 2,4-Dimethylphenol	7.88	122	186618	46.965	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	239766	42.444	ng	99
29) 2,4-Dichlorophenol	8.09	162	167763	41.790	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	185965	41.357	ng	96
31) Naphthalene	8.26	128	599047	44.921	ng	99
32) Benzoic acid	7.98	122	46374	15.100	ng	93
33) 4-Chloroaniline	8.30	127	144004	23.994	ng	99
34) Hexachlorobutadiene	8.37	225	104675	41.925	ng	98
35) Caprolactam	8.67	113	24013	17.162	ng	96
36) 4-Chloro-3-methylphenol	8.79	107	178910	41.214	ng	95
37) 2-Methylnaphthalene	8.95	142	413187	46.830	ng	99
38) 1-Methylnaphthalene	9.05	142	384629	45.110	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	176412	41.856	ng	98

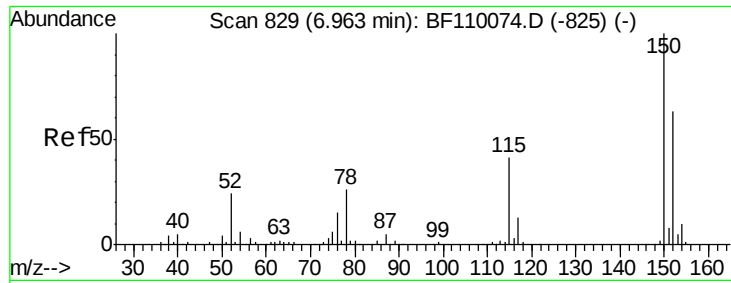
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	142983	66.346	nq	98
43) 2,4,6-Trichlorophenol	9.23	196	114046	41.953	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	118997	41.412	nq	94
46) 1,1'-Biphenyl	9.42	154	497861	40.701	nq	99
47) 2-Chloronaphthalene	9.45	162	378456	42.178	nq	99
48) 2-Nitroaniline	9.54	65	112609	41.415	nq	97
49) Acenaphthylene	9.86	152	580502	44.792	nq	99
50) Dimethylphthalate	9.71	163	427582	42.821	nq	99
51) 2,6-Dinitrotoluene	9.78	165	93435	43.441	nq	91
52) Acenaphthene	10.03	154	353785	41.265	nq	98
53) 3-Nitroaniline	9.95	138	71959	28.133	nq	95
54) 2,4-Dinitrophenol	10.06	184	31130	39.284	nq	94
55) Dibenzofuran	10.20	168	507915	42.313	nq	97
56) 4-Nitrophenol	10.12	139	163531	86.385	nq	95
57) 2,4-Dinitrotoluene	10.19	165	123354	45.152	nq	93
58) Fluorene	10.55	166	402608	45.066	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	87034	37.160	nq	96
60) Diethylphthalate	10.41	149	417640	42.847	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	193405	41.038	nq	99
62) 4-Nitroaniline	10.57	138	92577	36.391	nq	94
63) Azobenzene	10.70	77	405345	41.895	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	31390	28.100	nq	94
66) n-Nitrosodiphenylamine	10.66	169	349775	43.614	nq	98
67) 4-Bromophenyl-phenylether	11.03	248	111123	41.899	nq	96
68) Hexachlorobenzene	11.10	284	118888	42.249	nq	98
69) Atrazine	11.17	200	110394	43.558	nq	97
70) Pentachlorophenol	11.29	266	82546	50.306	nq	97
71) Phenanthrene	11.52	178	574774	44.927	nq	99
72) Anthracene	11.57	178	589459	45.967	nq	99
73) Carbazole	11.72	167	464528	37.101	nq	99
74) Di-n-butylphthalate	12.03	149	666927	47.163	nq	99
75) Fluoranthene	12.70	202	528742	40.723	nq	99
77) Benzidine	12.82	184	263662	Below Cal		97
78) Pyrene	12.94	202	507485	48.299	nq	98
80) Butylbenzylphthalate	13.54	149	206554	45.291	nq	93
81) Benzo(a)anthracene	14.12	228	391184	45.008	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	94180	31.119	nq	99
83) Chrysene	14.16	228	362840	43.953	nq	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	282361	45.801	nq	96
85) Di-n-octyl phthalate	14.70	149	455667	47.534	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	422766	61.732	nq	97
88) Benzo(b)fluoranthene	15.20	252	361994	42.819	nq	99
89) Benzo(k)fluoranthene	15.23	252	360761	43.407	nq	98
90) Benzo(a)pyrene	15.59	252	361100	46.420	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	356035	53.043	nq	99
92) Benzo(g,h,i)perylene	17.70	276	351872	53.199	nq	98

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

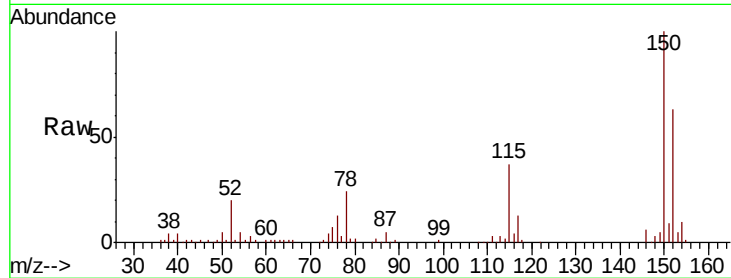


#1

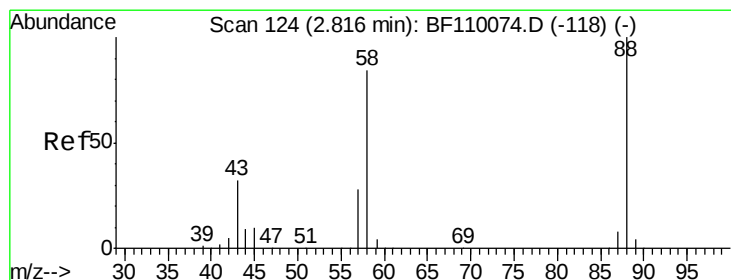
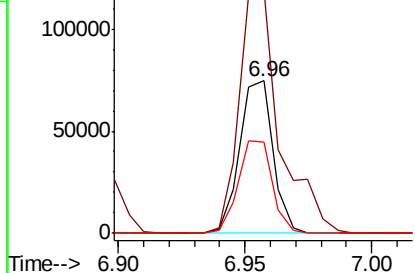
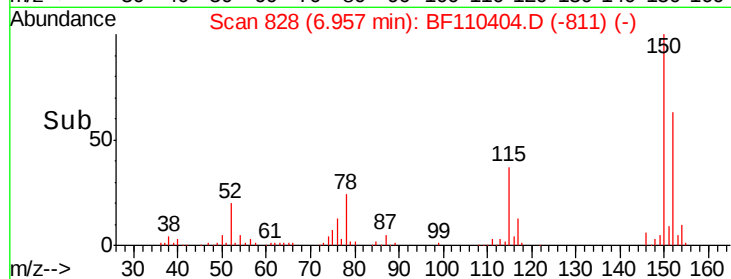
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	59.6	49.1	73.7



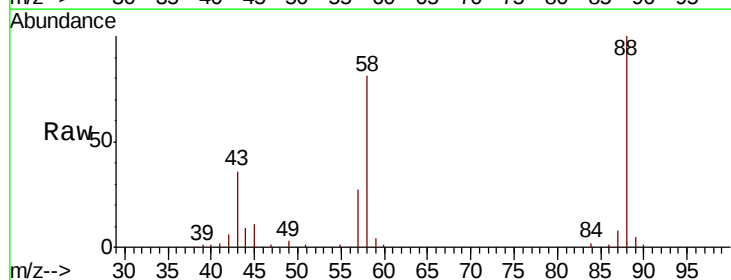
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



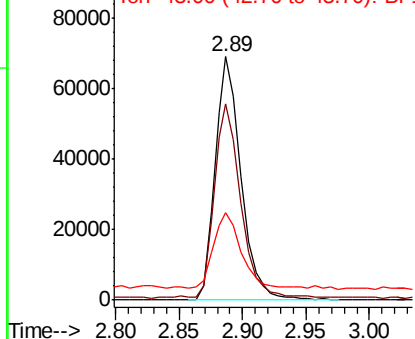
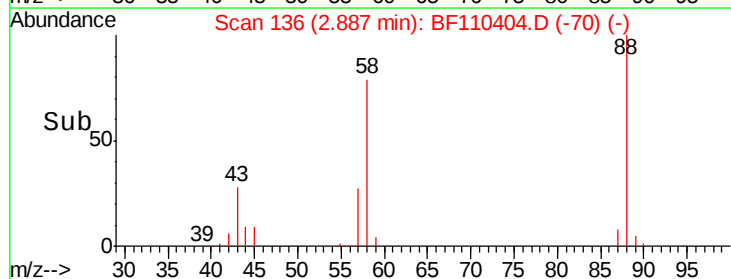
#2

1,4-Dioxane
 Concen: 44.572 ng
 RT: 2.89 min Scan# 136
 Delta R.T. 0.09 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	57.1	85.7
43	32.9	24.1	36.1



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





#3

Pvridine

Concen: 41.242 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampled :

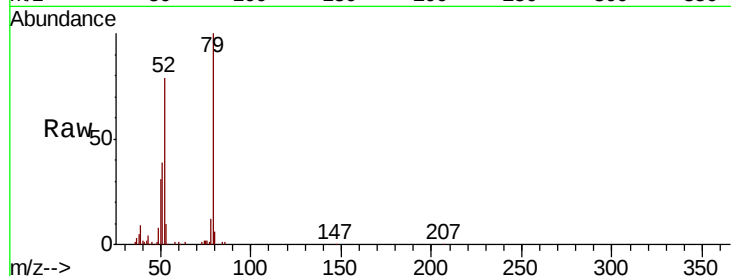
Tot Ion: 79 Resp: 202866

Ion Ratio Lower Upper

79 100

52 78.9 53.1 79.7

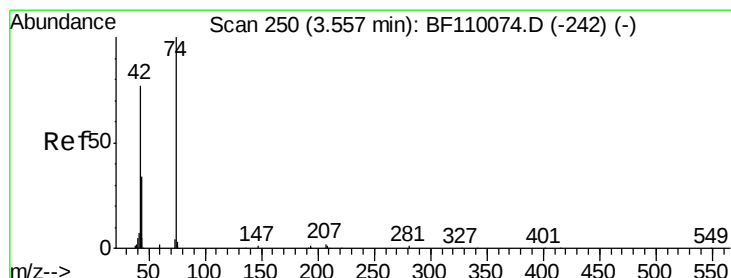
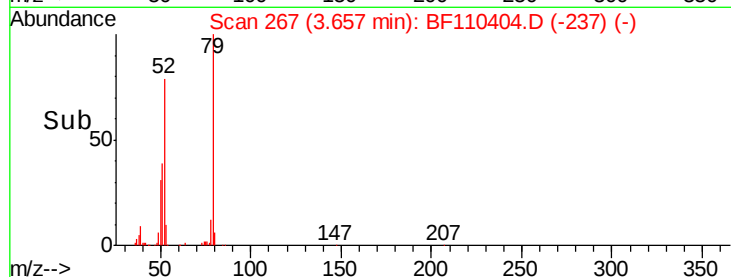
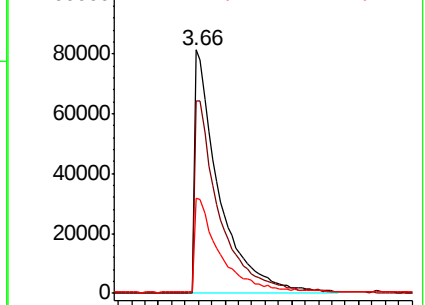
51 39.3 27.4 41.2



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: 45.873 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

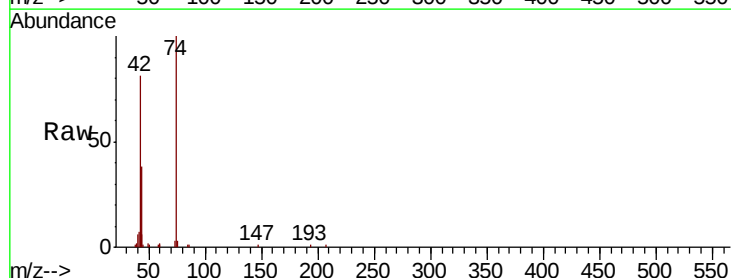
Tgt Ion: 42 Resp: 94536

Ion Ratio Lower Upper

42 100

74 123.3 105.5 158.3

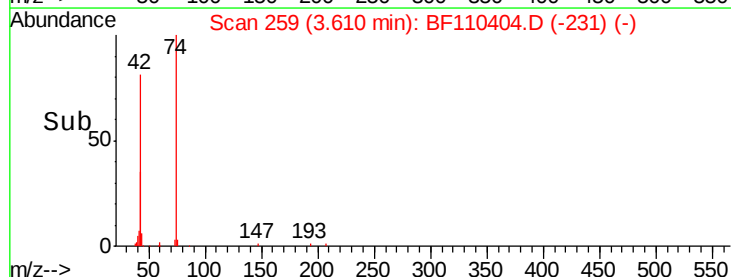
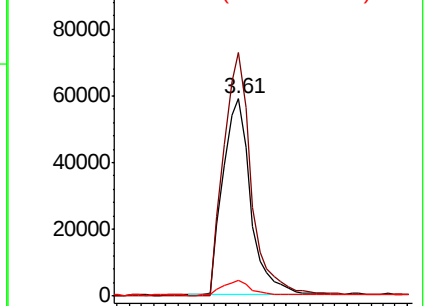
44 7.8 4.9 7.3#



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: 152.556 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

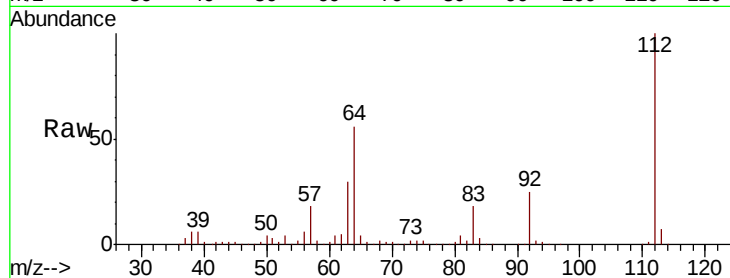
Tot Ion: 112 Resp: 643049

Ion Ratio Lower Upper

112 100

64 56.3 44.1 66.1

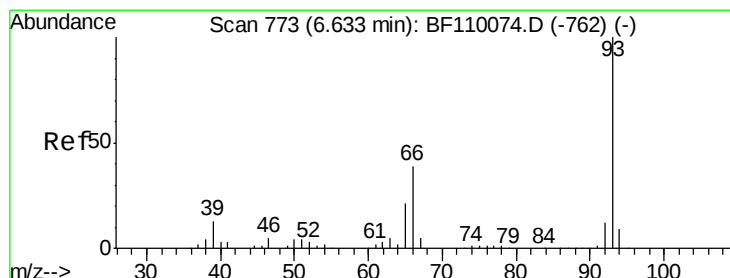
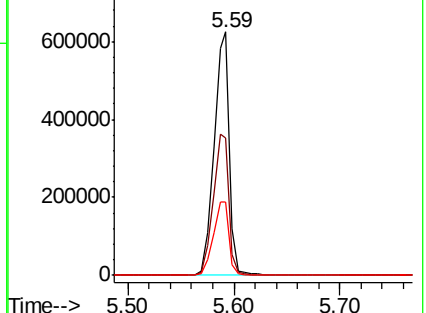
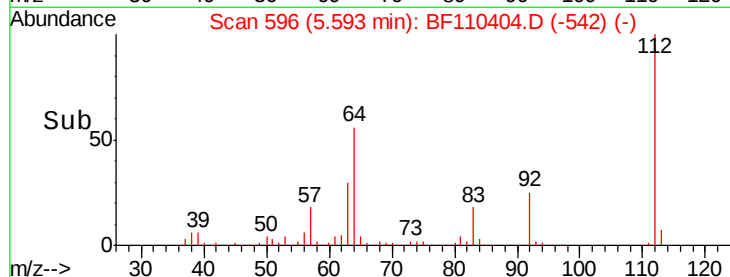
63 30.4 23.7 35.5



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: 33.158 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

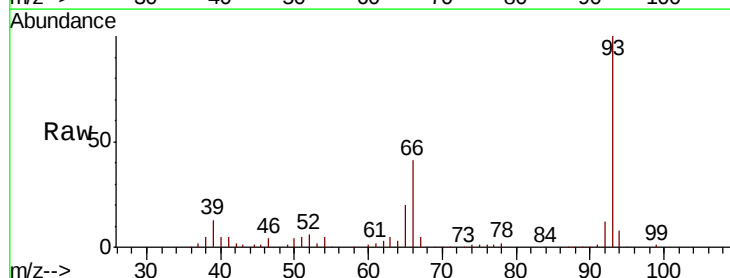
Tgt Ion: 93 Resp: 232883

Ion Ratio Lower Upper

93 100

66 40.7 67.4 101.0#

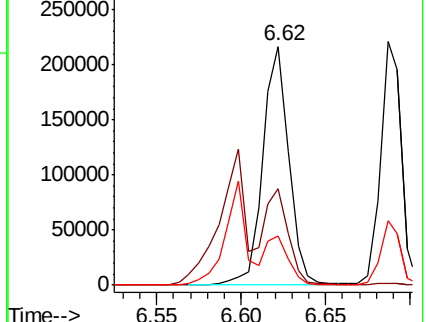
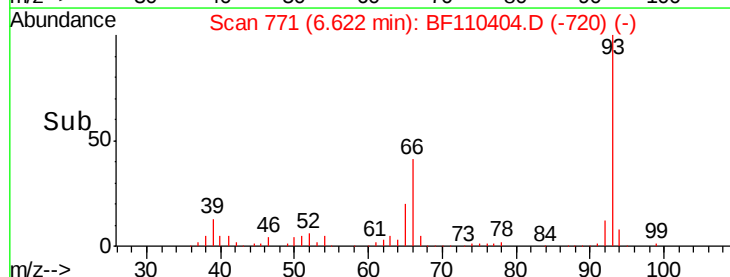
65 20.4 41.0 61.4#

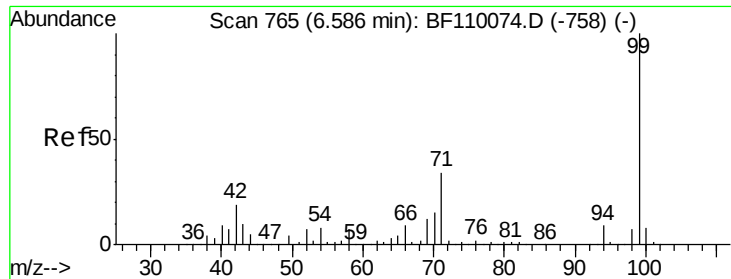


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 147.305 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

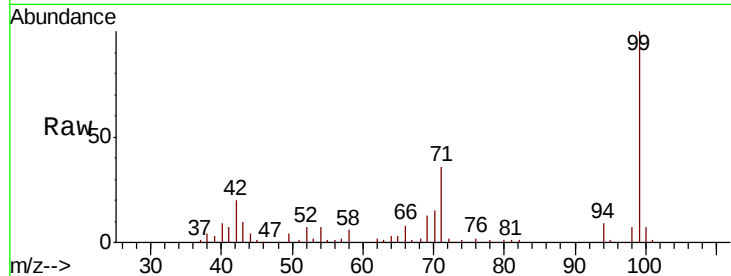
Tot Ion: 99 Resp: 794201

Ion Ratio Lower Upper

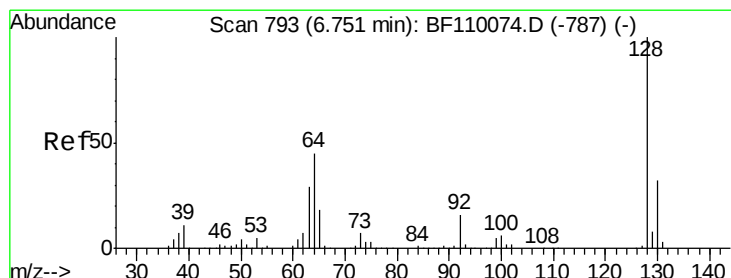
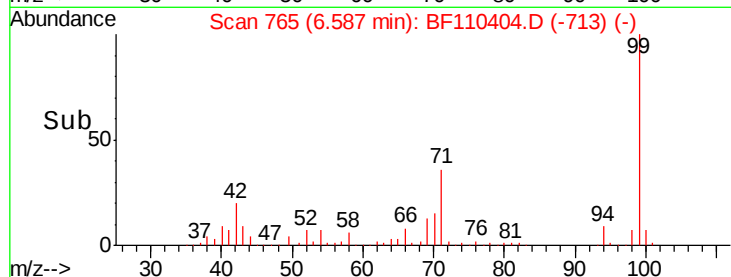
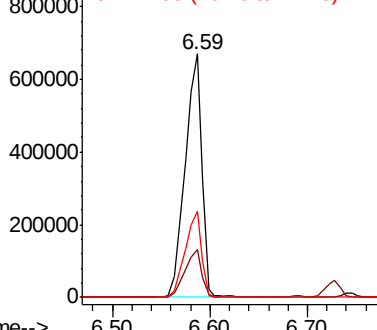
99 100

42 19.6 15.8 23.6

71 35.6 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: 42.288 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

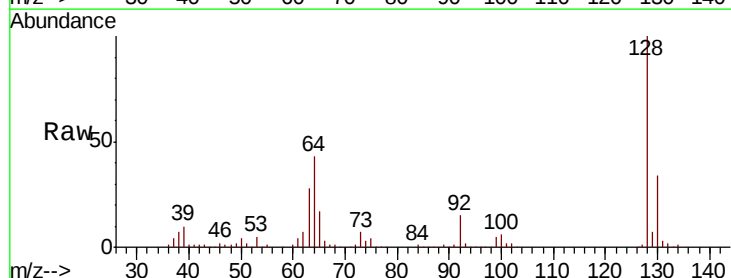
Tgt Ion:128 Resp: 205510

Ion Ratio Lower Upper

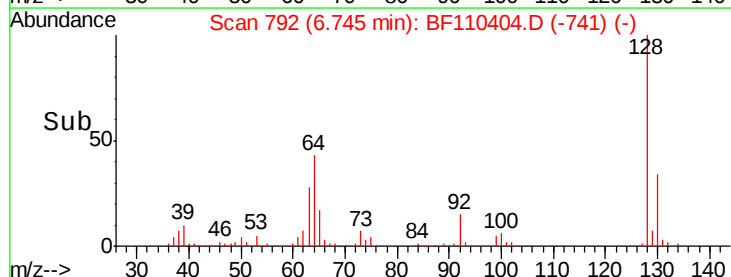
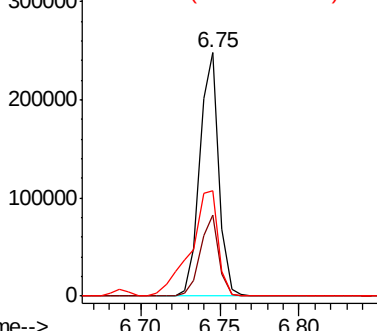
128 100

130 33.5 13.1 53.1

64 43.2 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 50.847 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

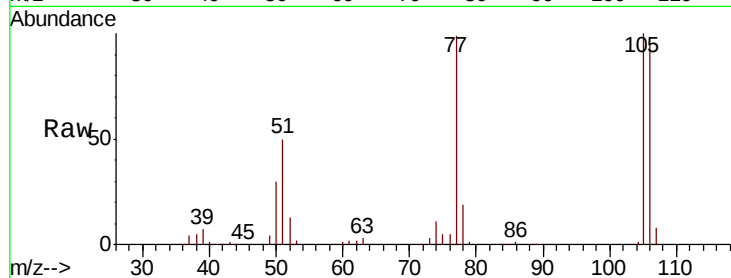
Tot Ion: 77 Resp: 147009

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

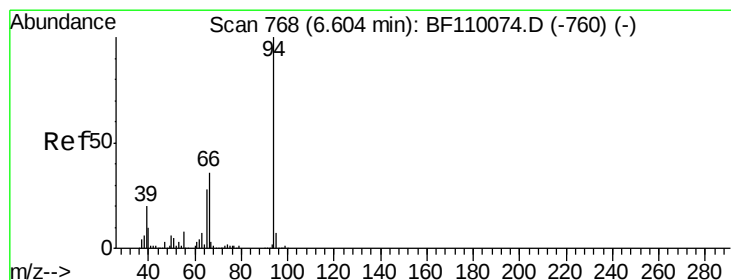
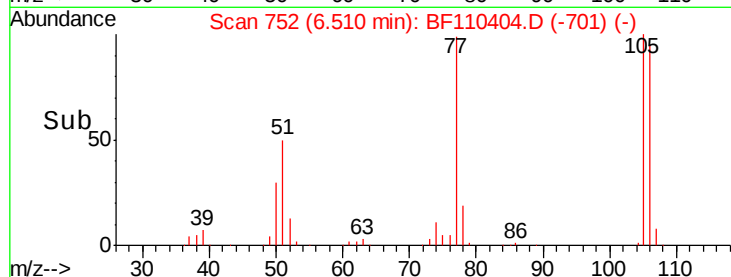
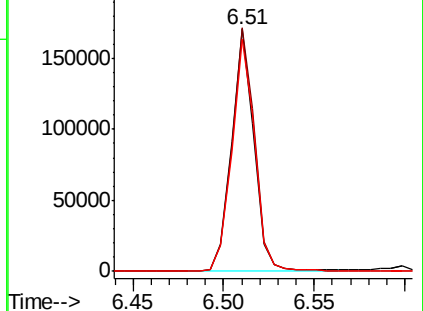
106 95.8 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.401 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

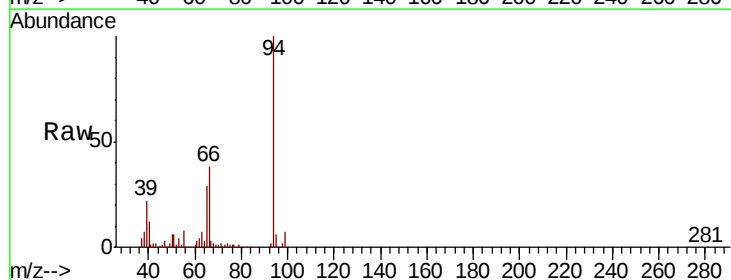
Tgt Ion: 94 Resp: 255892

Ion Ratio Lower Upper

94 100

65 28.7 25.3 65.3

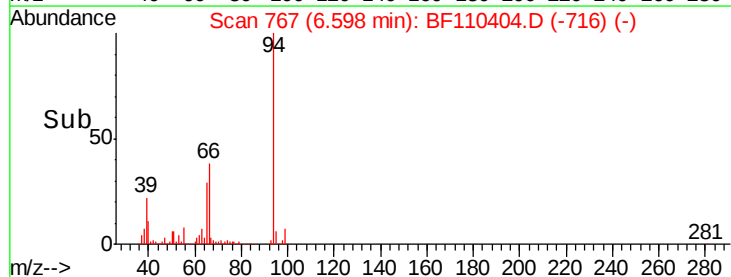
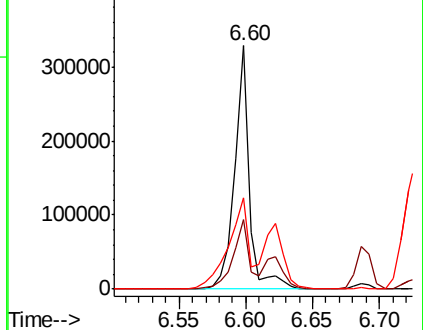
66 37.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

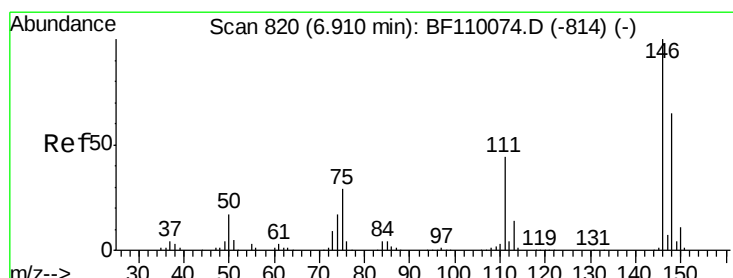
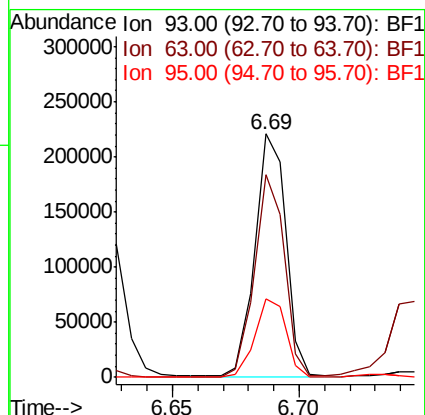
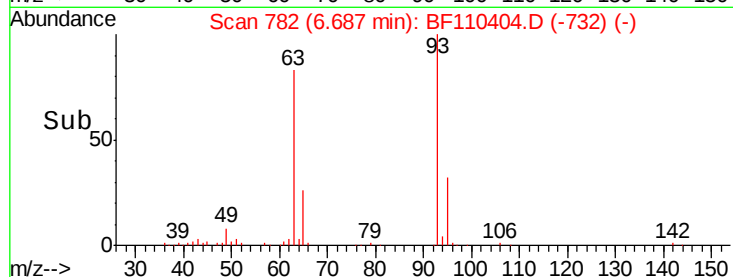
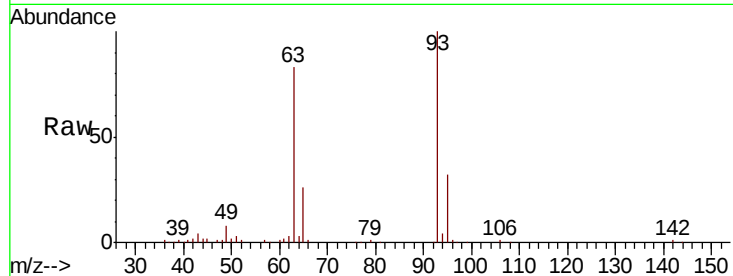




#11
bis(2-Chloroethyl)ether
Concen: 40.259 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

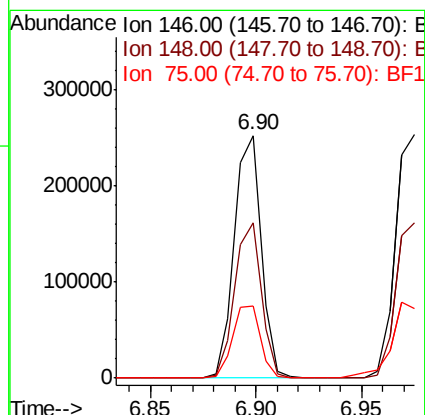
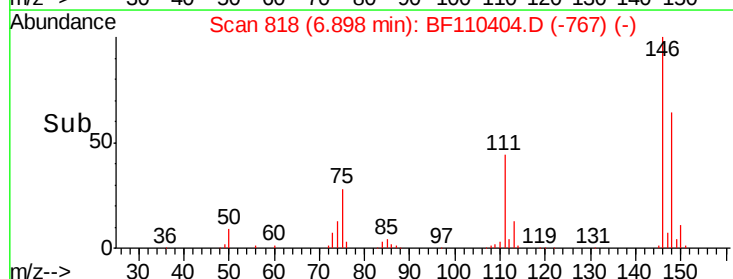
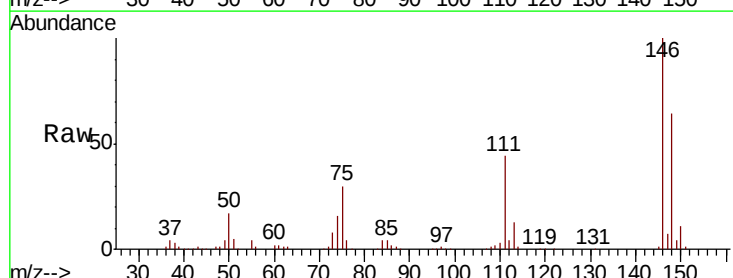
Instrument :
BNA_F
ClientSampled :

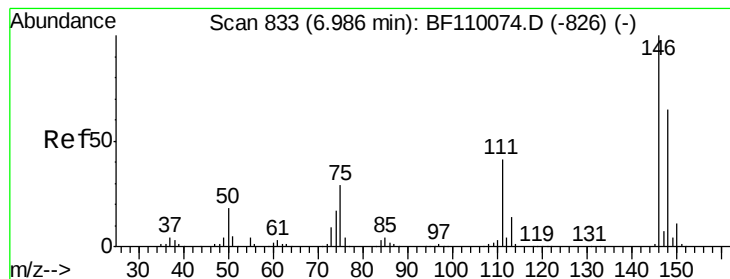
Tot Ion: 93 Resp: 190885
Ion Ratio Lower Upper
93 100
63 83.3 53.4 93.4
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.348 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion: 146 Resp: 221134
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 29.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.820 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

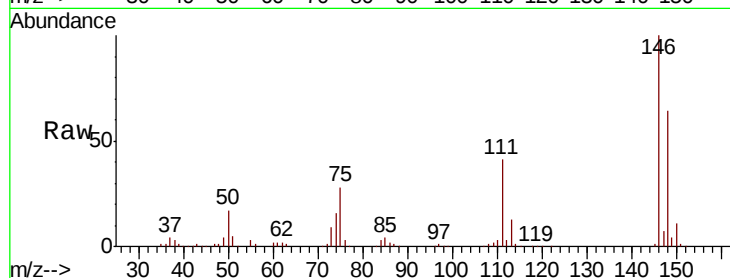
Tot Ion:146 Resp: 226198

Ion Ratio Lower Upper

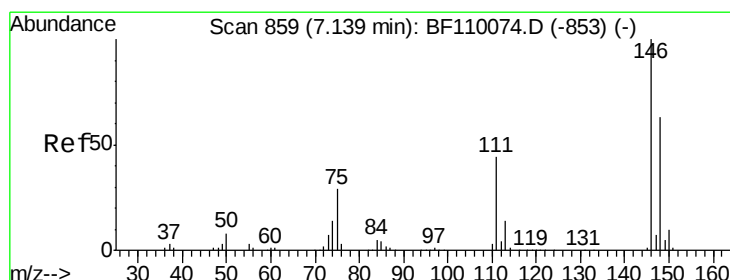
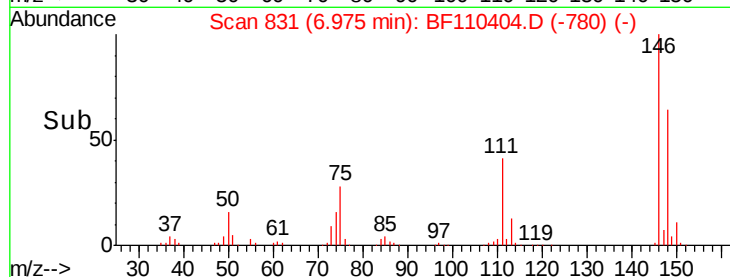
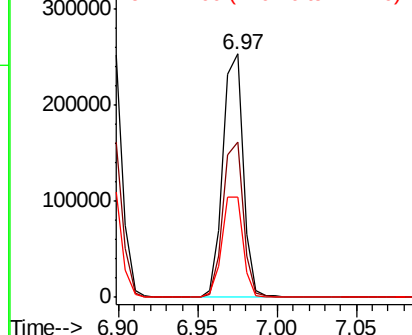
146 100

148 63.9 50.3 75.5

111 41.0 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.675 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

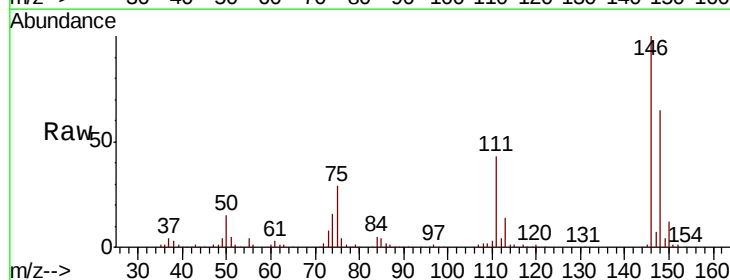
Tgt Ion:146 Resp: 209257

Ion Ratio Lower Upper

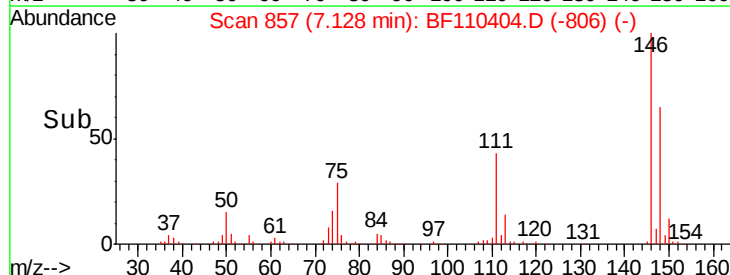
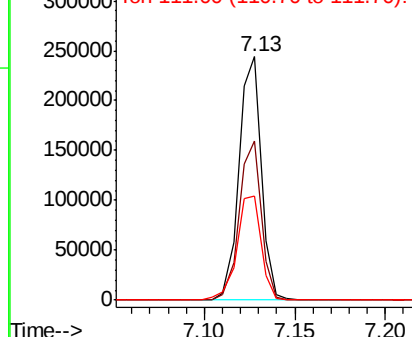
146 100

148 65.4 51.1 76.7

111 42.5 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.474 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

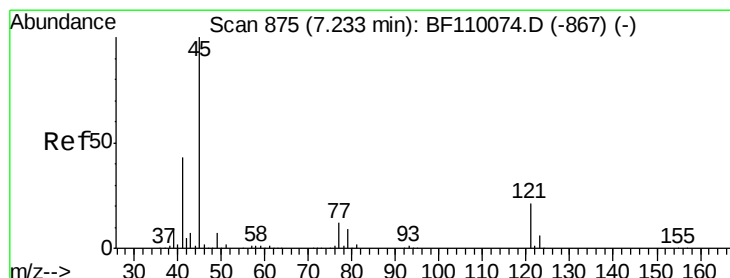
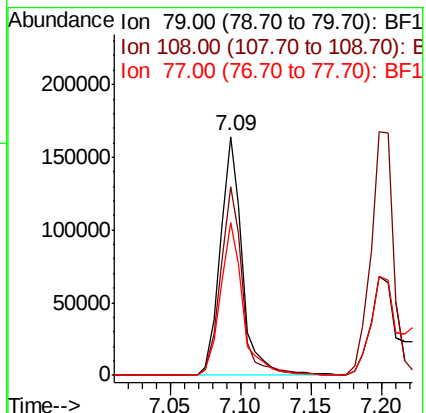
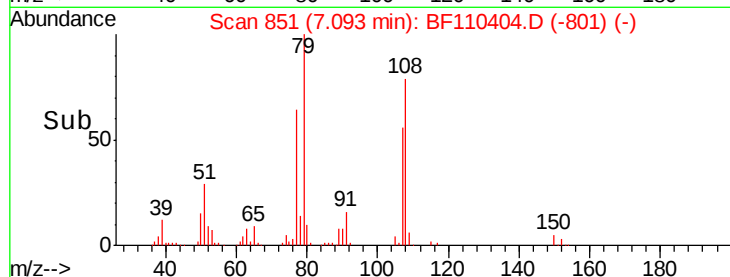
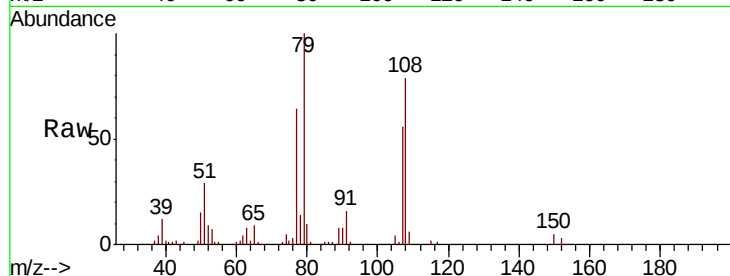
Tot Ion: 79 Resp: 176128

Ion Ratio Lower Upper

79 100

108 79.0 56.3 84.5

77 64.0 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.937 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

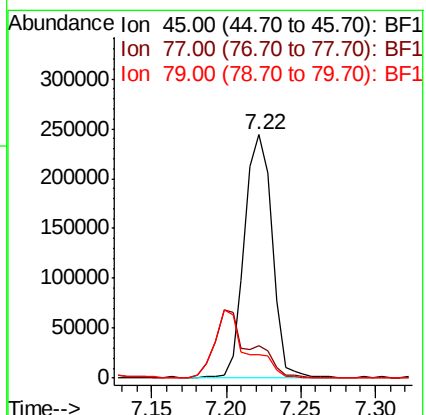
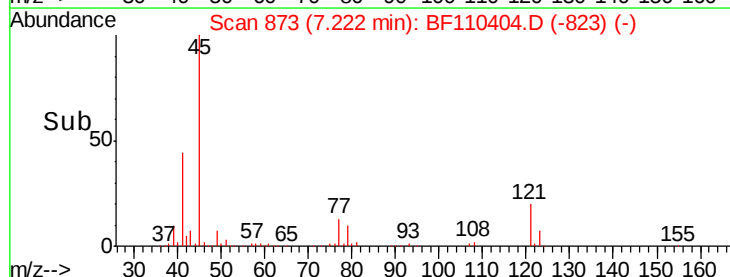
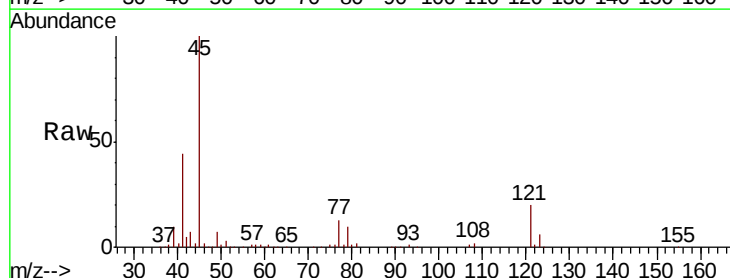
Tgt Ion: 45 Resp: 310341

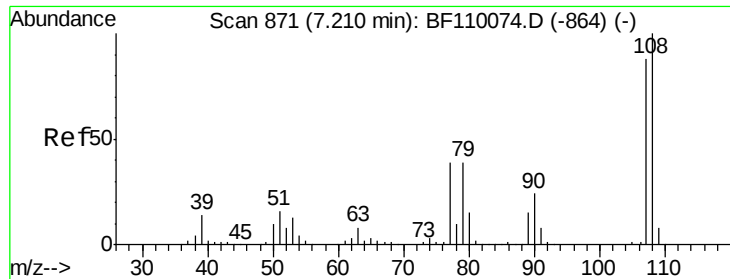
Ion Ratio Lower Upper

45 100

77 13.4 10.0 50.0

79 9.6 6.1 46.1





#17

2-Methylphenol

Concen: 43.046 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 166718

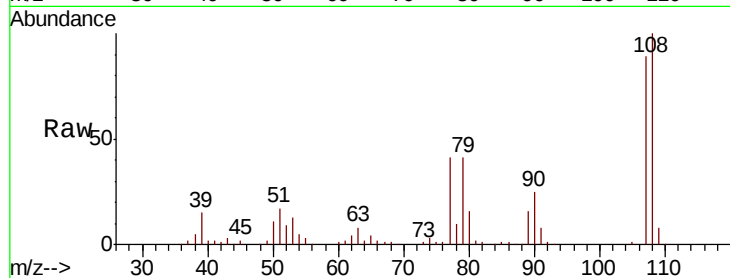
Ion Ratio Lower Upper

107 100

108 112.5 92.6 138.8

77 45.9 59.4 89.2#

79 46.0 54.0 81.0#



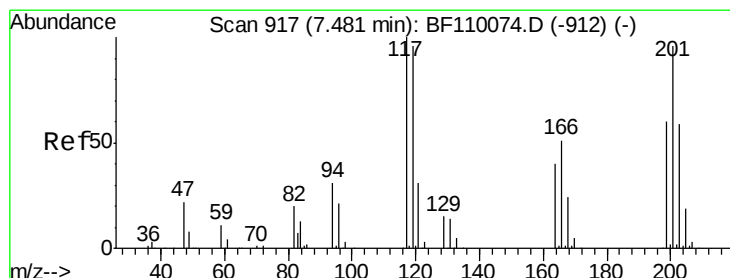
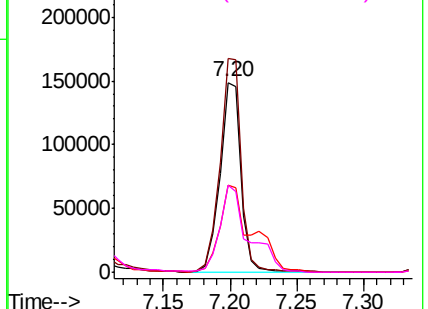
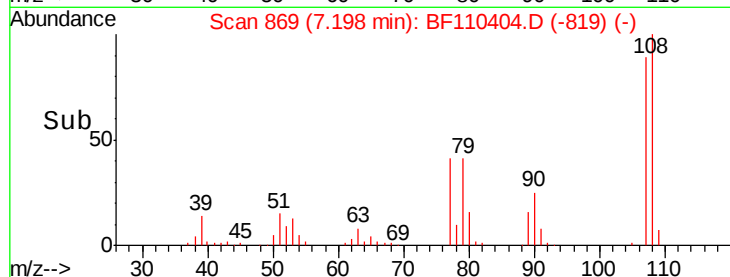
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.855 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

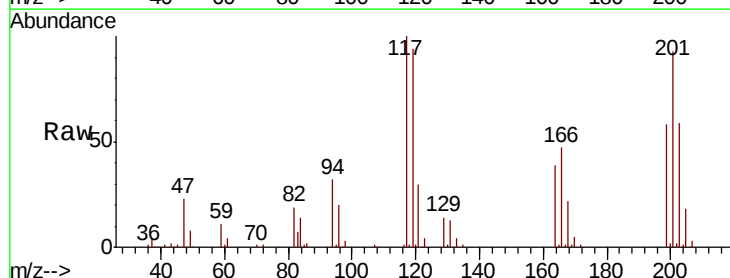
Tgt Ion:117 Resp: 84865

Ion Ratio Lower Upper

117 100

119 94.3 75.0 112.6

201 93.1 79.2 118.8

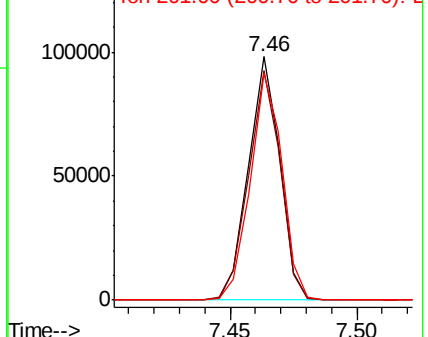
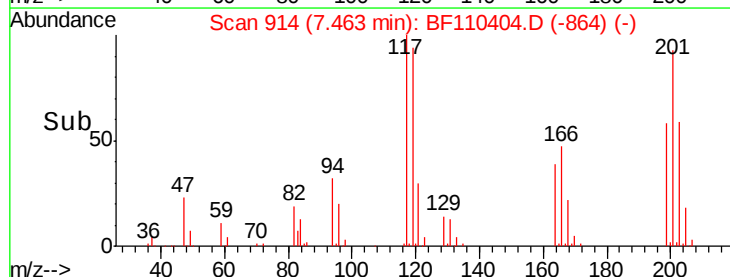


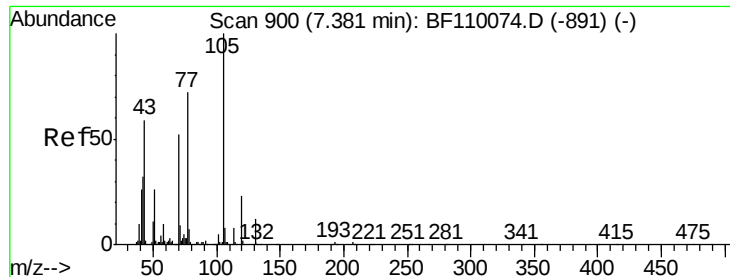
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

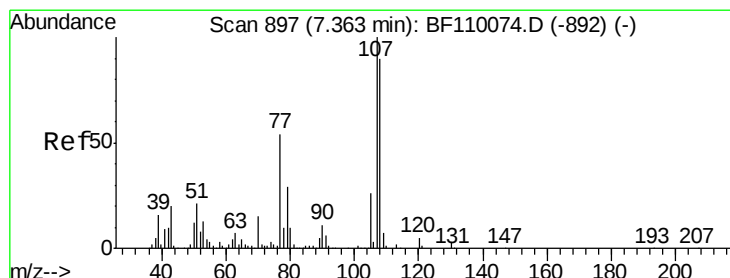
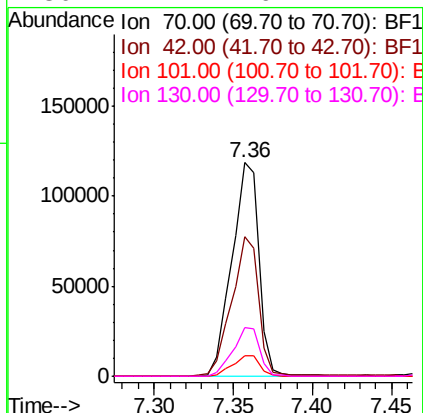
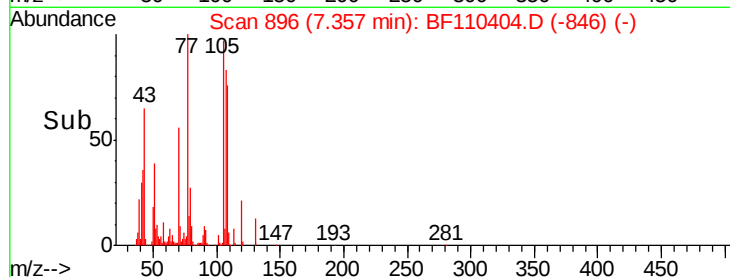
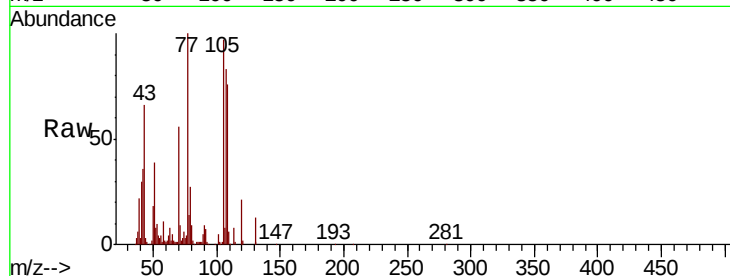




#19
n-Nitroso-di-n-propylamine
Concen: 40.653 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

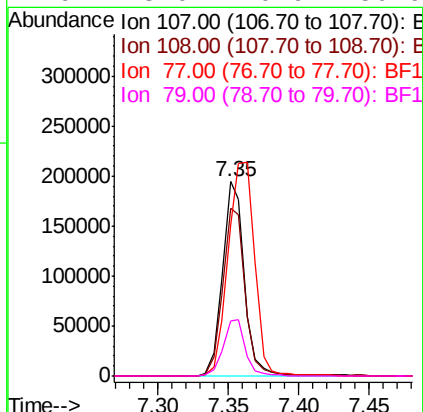
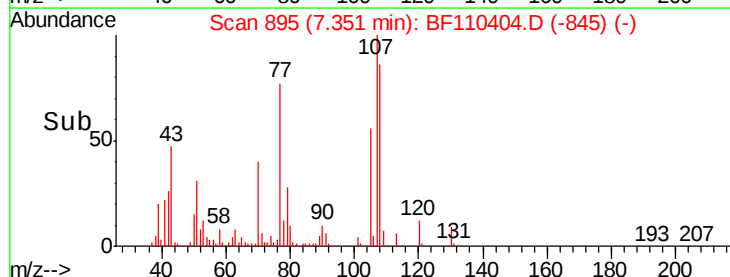
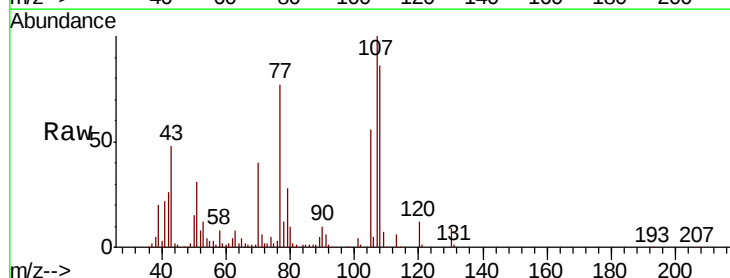
Instrument :
BNA_F
ClientSampled :

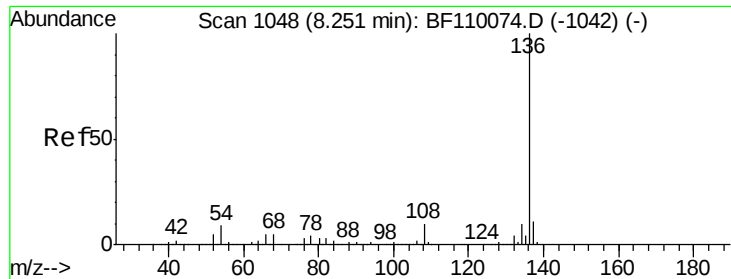
Tot Ion: 70 Resp: 140615
Ion Ratio Lower Upper
70 100
42 65.2 47.4 71.2
101 9.4 7.3 10.9
130 22.7 16.2 24.2



#20
3+4-Methylphenols
Concen: 41.679 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:107 Resp: 208660
Ion Ratio Lower Upper
107 100
108 86.4 71.4 111.4
77 77.4 47.3 87.3
79 28.0 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 289344

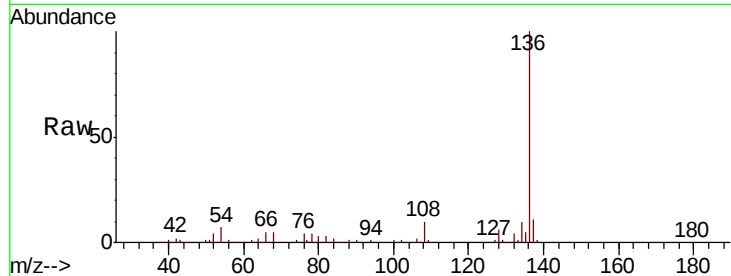
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.4 5.4 8.2

68 4.6 4.2 6.2

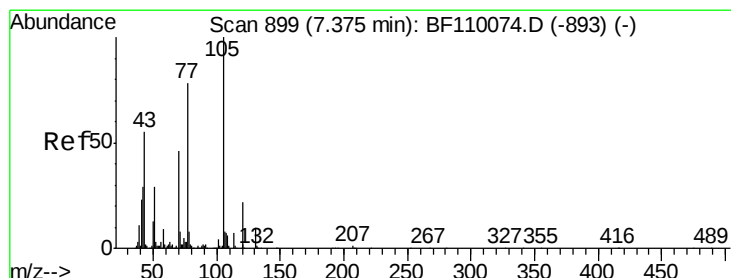
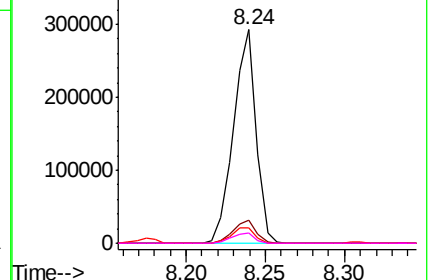
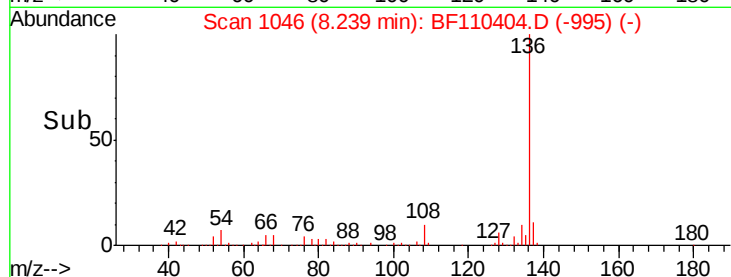


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.697 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:105 Resp: 284666

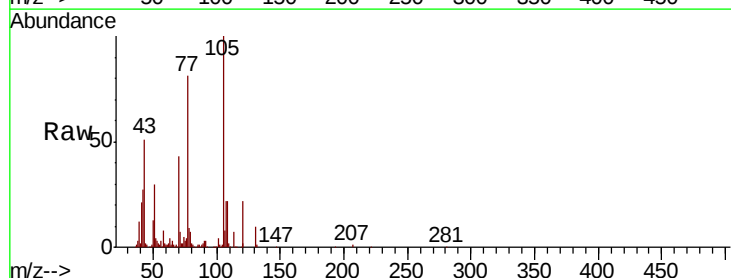
Ion Ratio Lower Upper

105 100

71 6.7 5.2 7.8

51 30.2 21.8 32.8

120 22.3 17.0 25.4

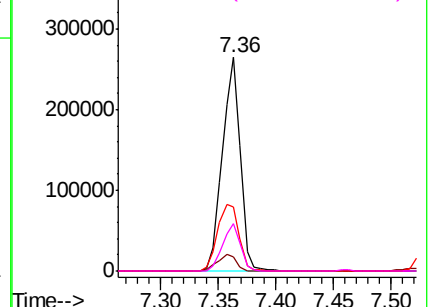
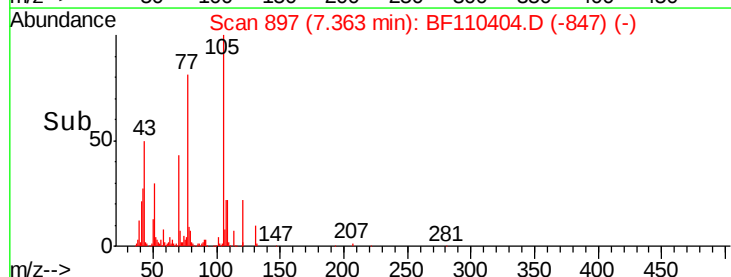


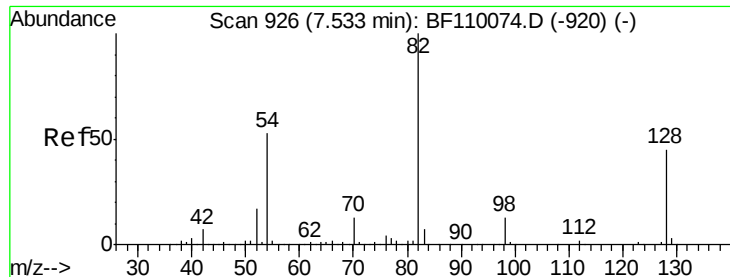
Abundance Ion 105.00 (104.70 to 105.70): E

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

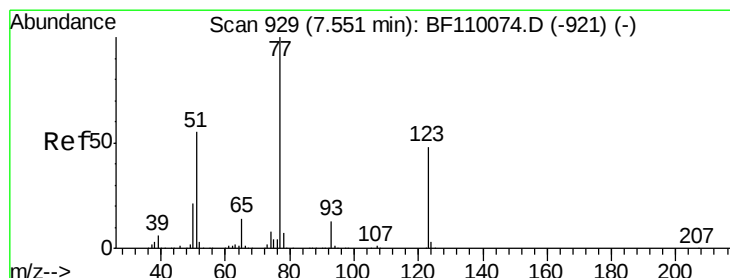
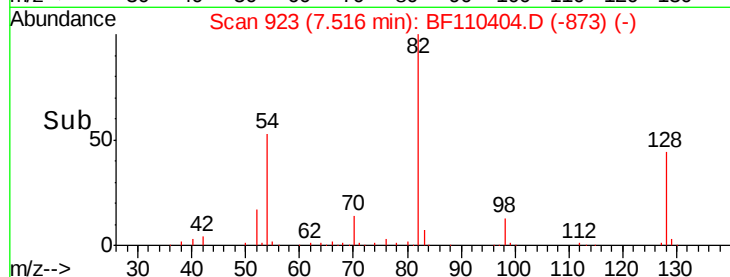
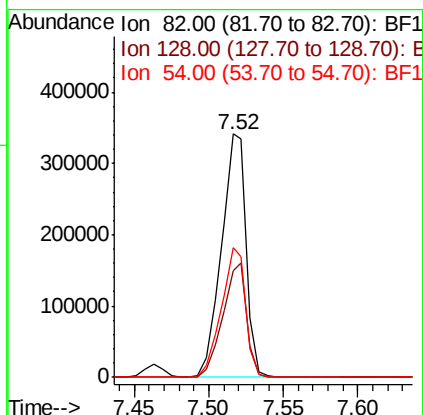
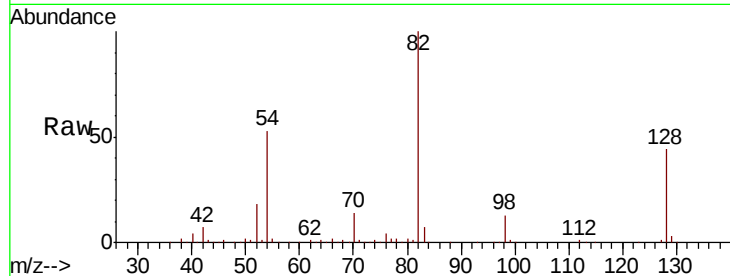




#23
 Nitrobenzene-d5
 Concen: 81.801 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

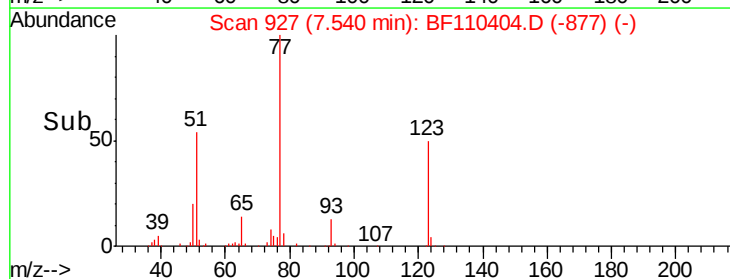
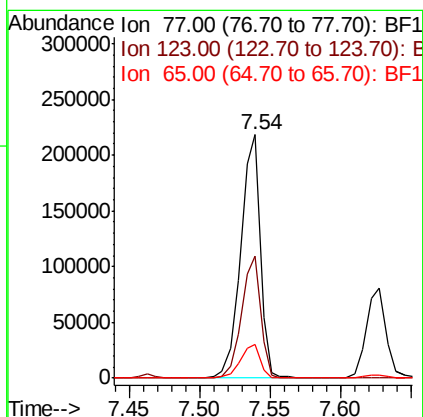
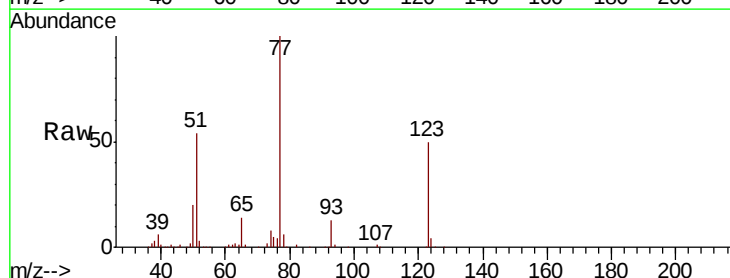
Instrument :
 BNA_F
 ClientSampled :

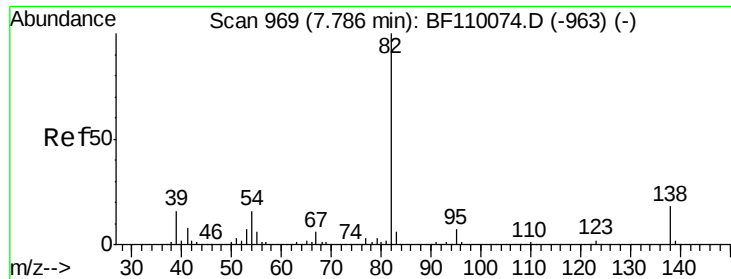
Tot Ion: 82 Resp: 399043
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.2 51.2
 54 53.4 38.6 58.0



#24
 Nitrobenzene
 Concen: 41.565 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion: 77 Resp: 209340
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.7 53.5
 65 13.7 10.7 16.1





#25

Isophorone

Concen: 46.184 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

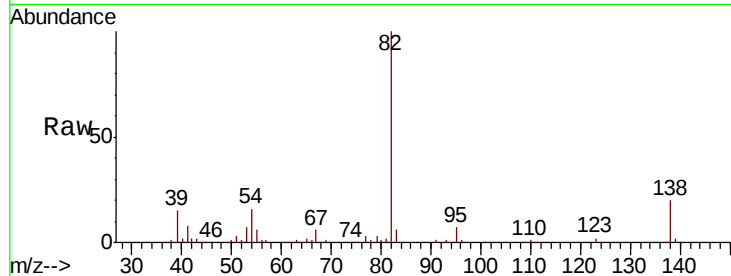
Tot Ion: 82 Resp: 384040

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

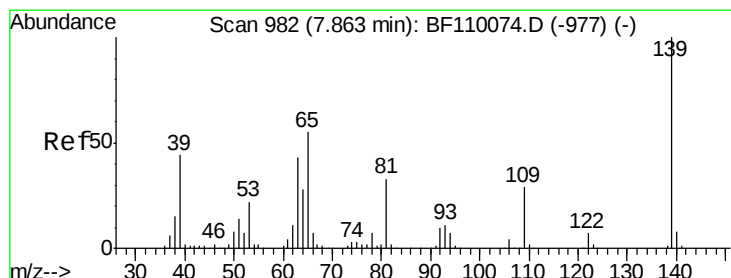
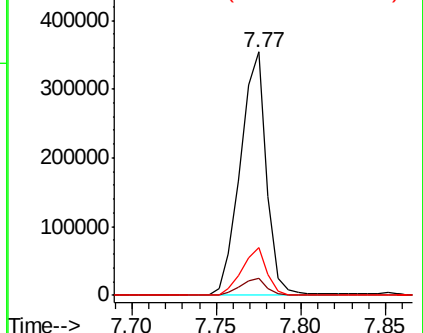
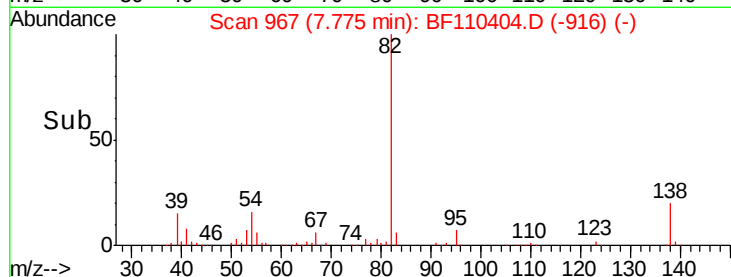
138 19.7 13.2 19.8



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: 44.595 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

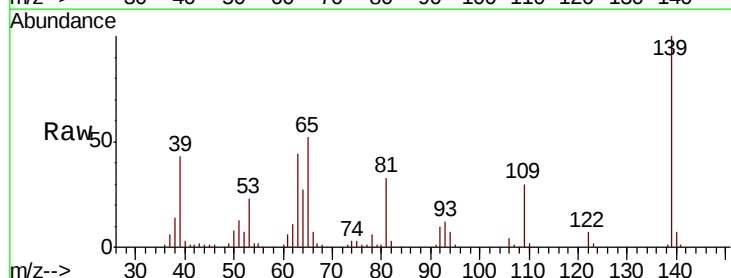
Tgt Ion: 139 Resp: 106879

Ion Ratio Lower Upper

139 100

109 30.0 25.0 37.6

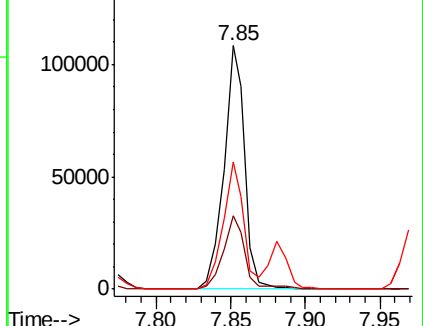
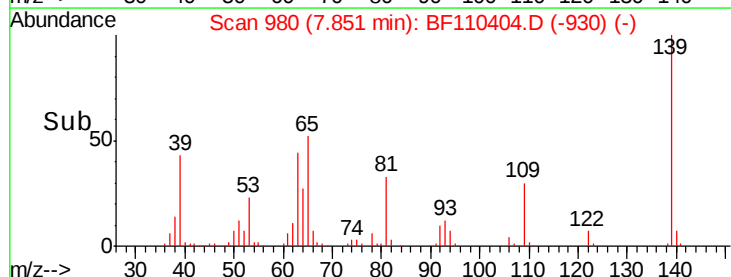
65 52.3 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.965 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

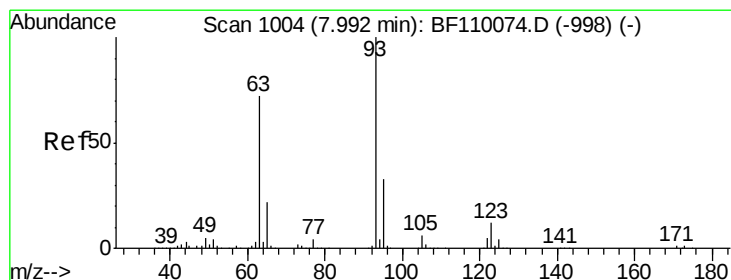
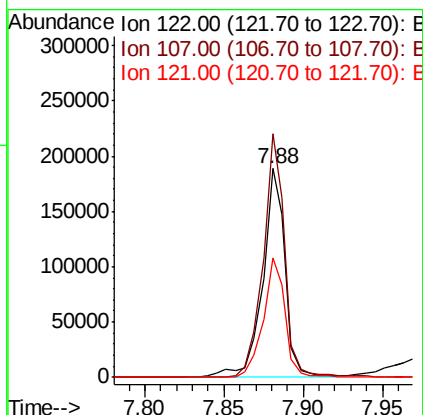
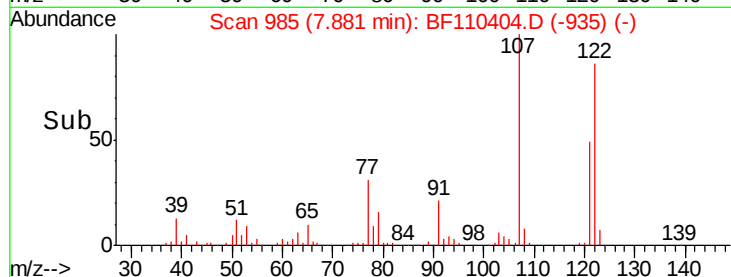
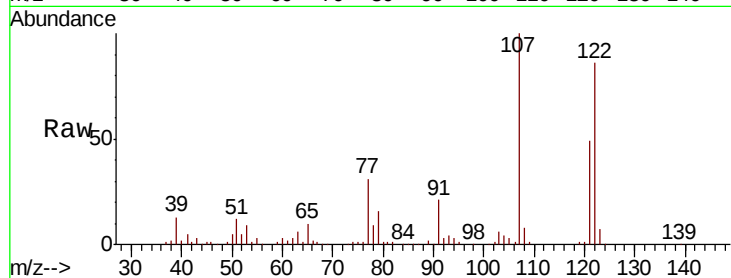
Tot Ion:122 Resp: 186618

Ion Ratio Lower Upper

122 100

107 116.8 92.5 138.7

121 57.0 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.444 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

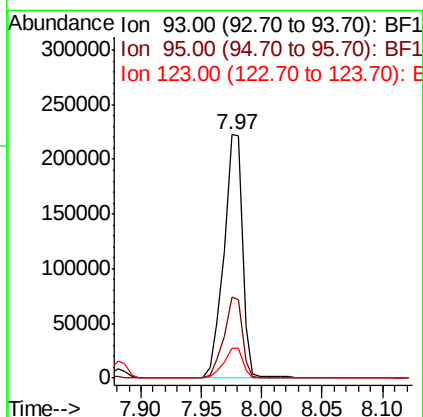
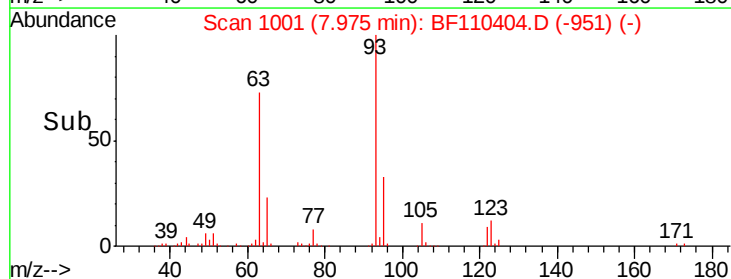
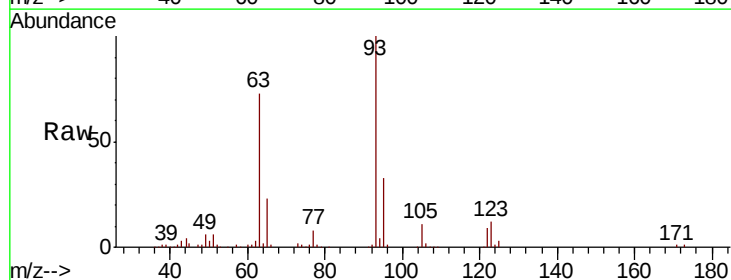
Tgt Ion: 93 Resp: 239766

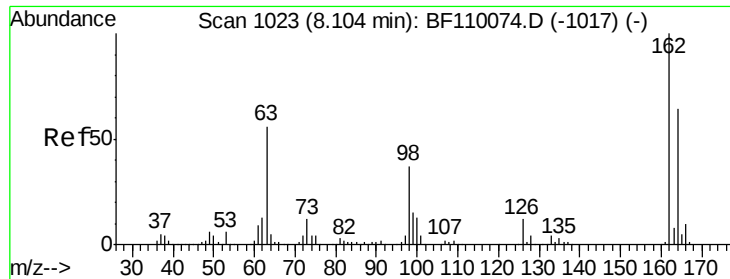
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 12.2 9.0 13.6

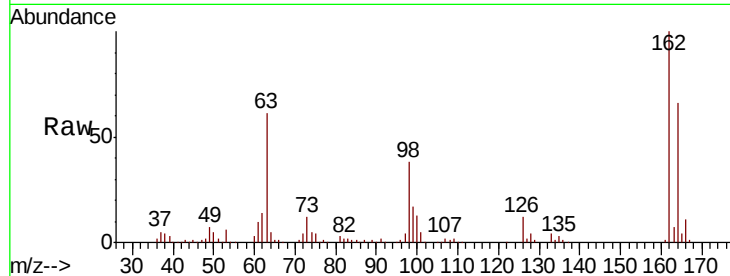




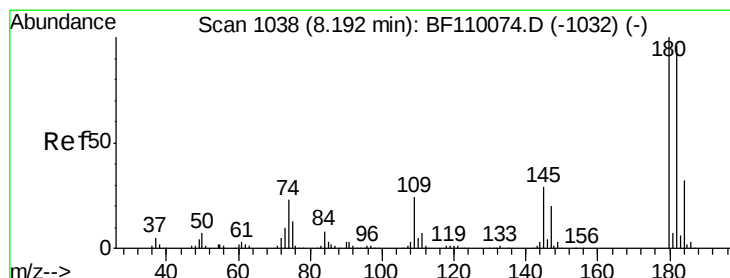
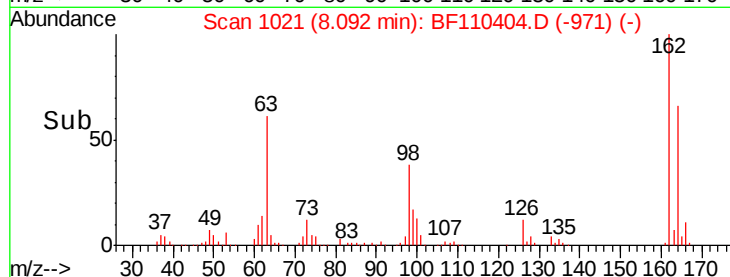
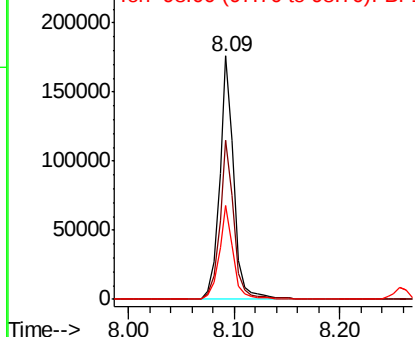
#29
2,4-Dichlorophenol
Concen: 41.790 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 167763
Ion Ratio Lower Upper
162 100
164 65.5 44.6 84.6
98 38.4 17.4 57.4

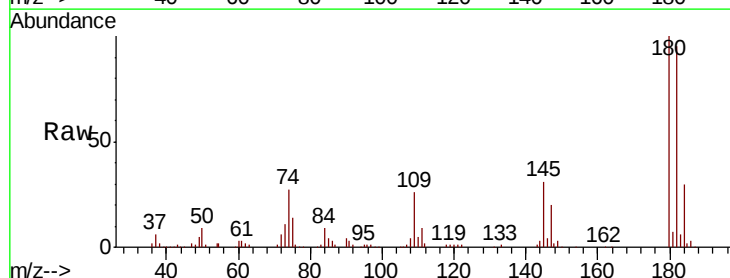


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

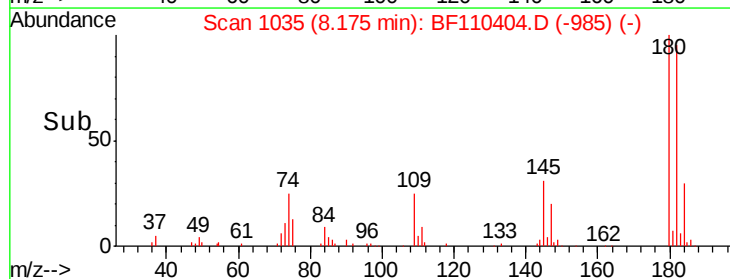
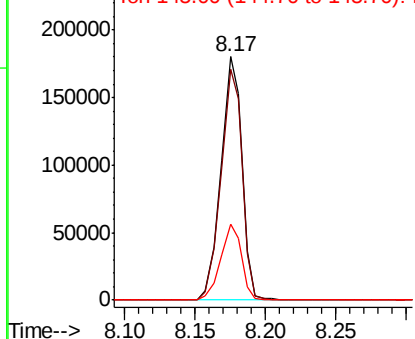


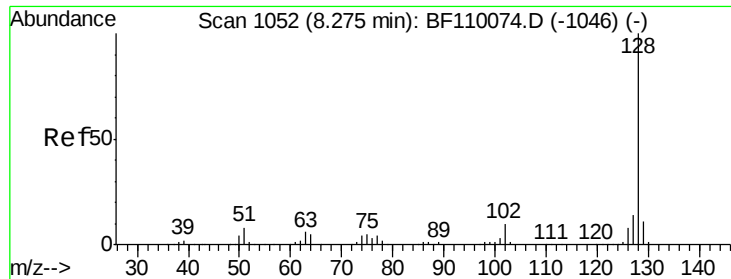
#30
1,2,4-Trichlorobenzene
Concen: 41.357 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:180 Resp: 185965
Ion Ratio Lower Upper
180 100
182 94.7 80.3 120.5
145 31.4 25.4 38.0



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

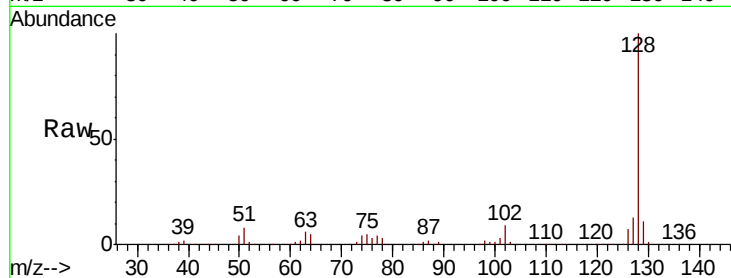




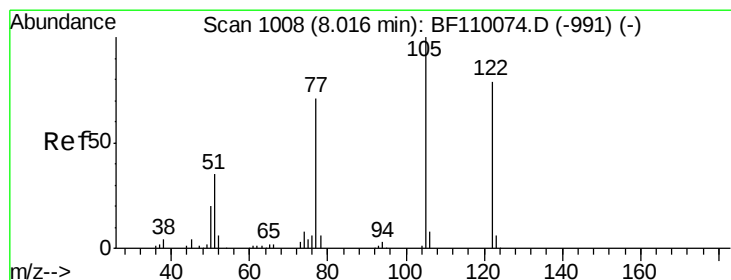
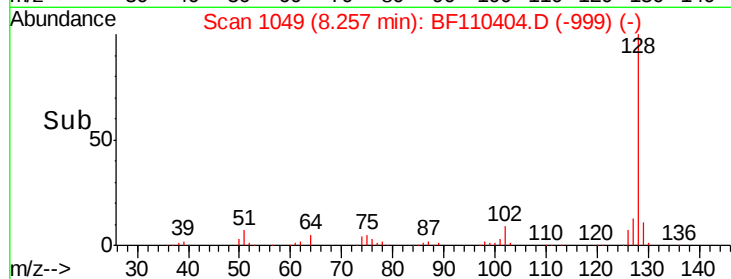
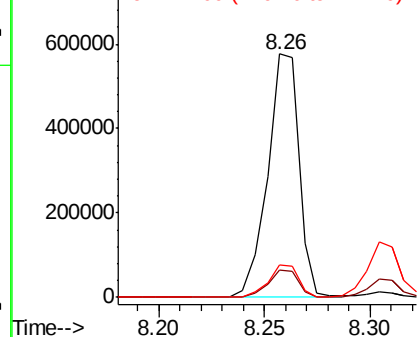
#31
Naphthalene
Concen: 44.921 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 599047
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.8 16.2

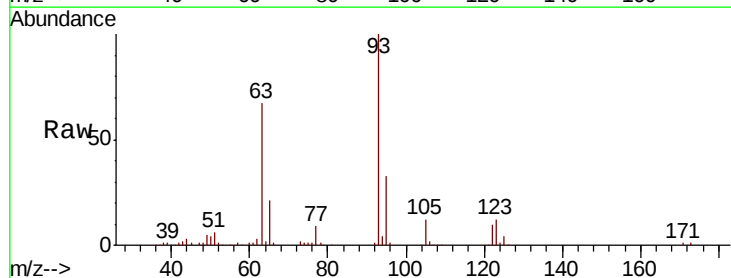


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

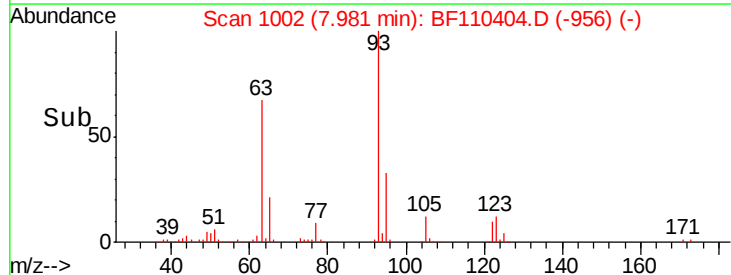
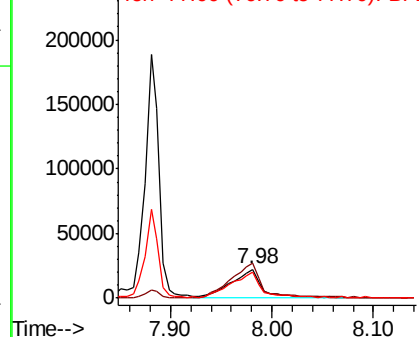


#32
Benzoic acid
Concen: 15.100 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:122 Resp: 46374
Ion Ratio Lower Upper
122 100
105 122.1 109.0 149.0
77 91.7 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

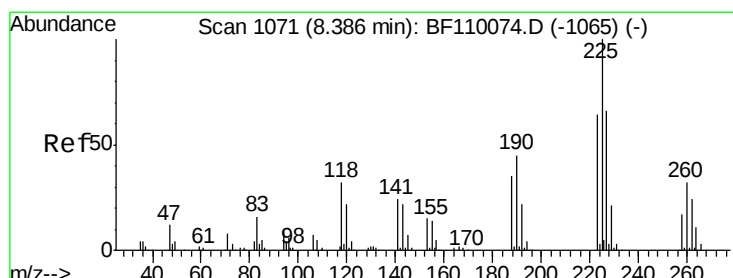
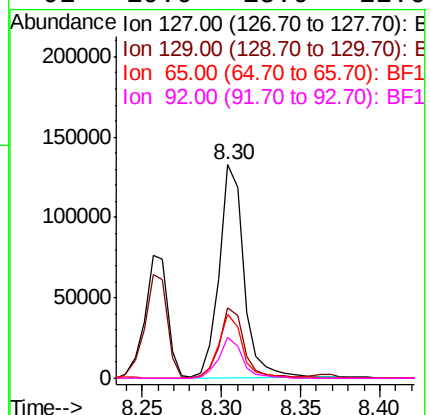
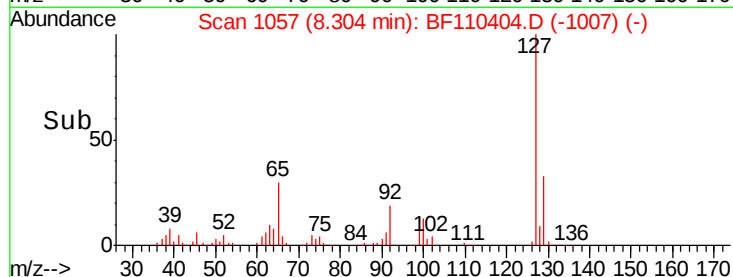
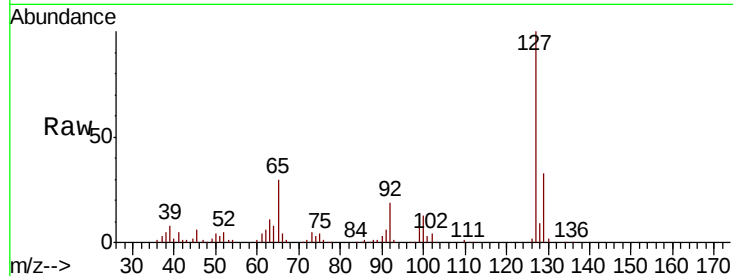




#33
4-Chloroaniline
Concen: 23.994 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

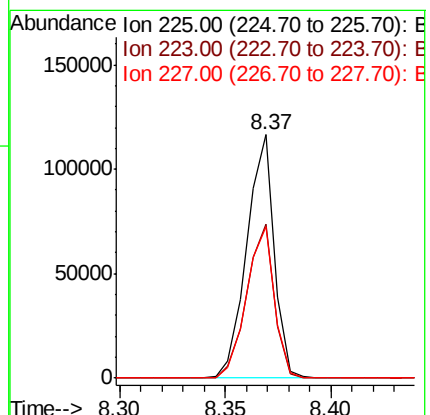
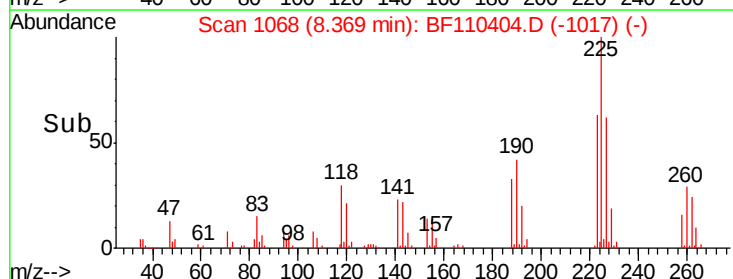
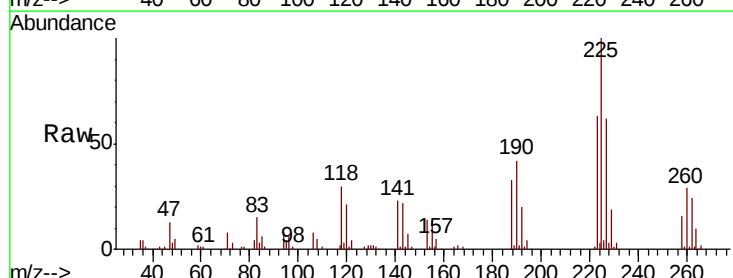
Instrument :
BNA_F
ClientSampleId :

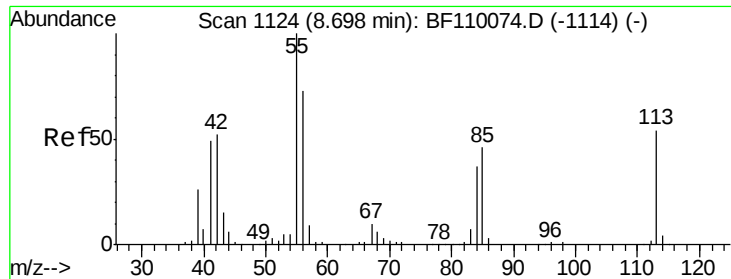
Tot Ion:	127	Resp:	144004
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	30.1	25.1	37.7
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.925 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:	225	Resp:	104675
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.2
227	62.2	51.0	76.6

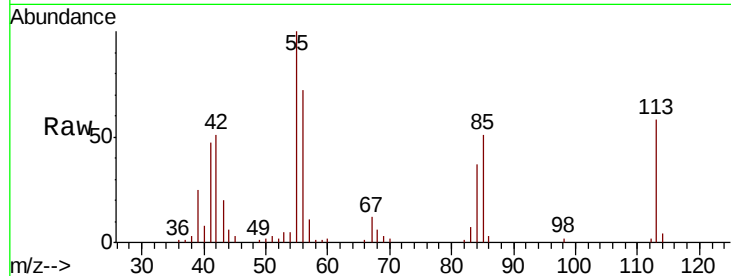




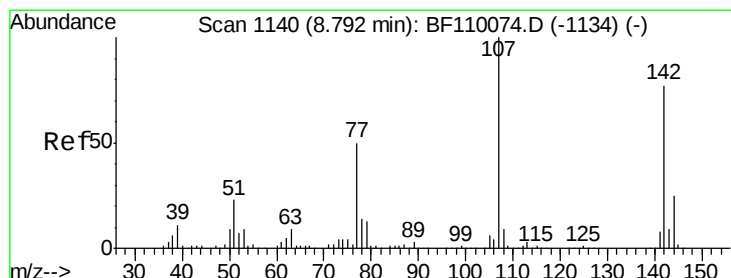
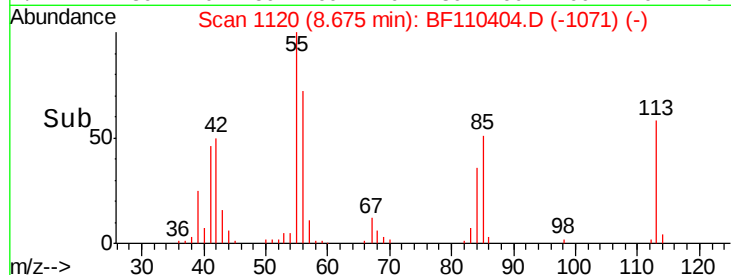
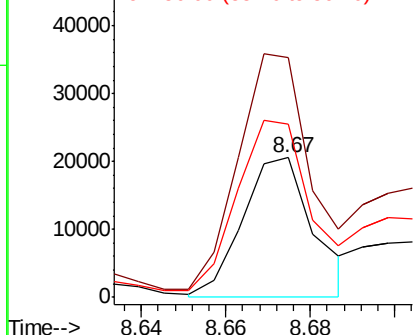
#35
Caprolactam
Concen: 17.162 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 24013
Ion Ratio Lower Upper
113 100
55 171.9 142.8 182.8
56 124.5 105.0 145.0

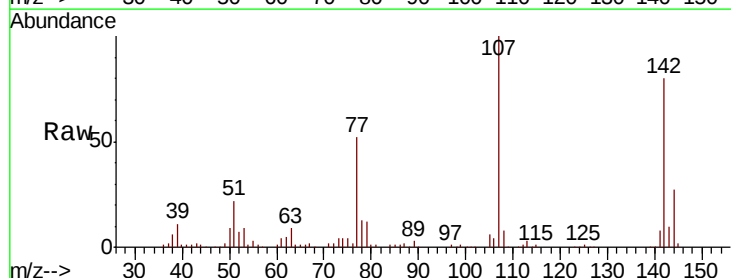


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

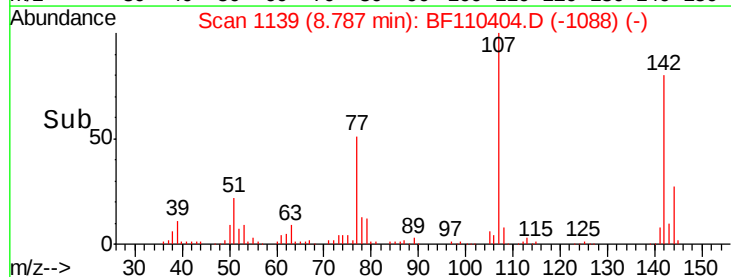
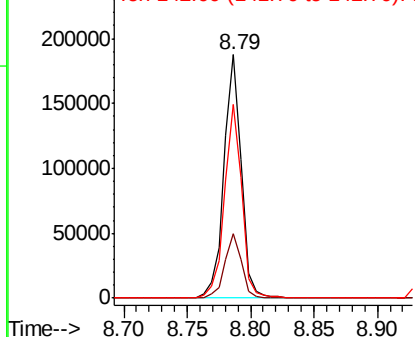


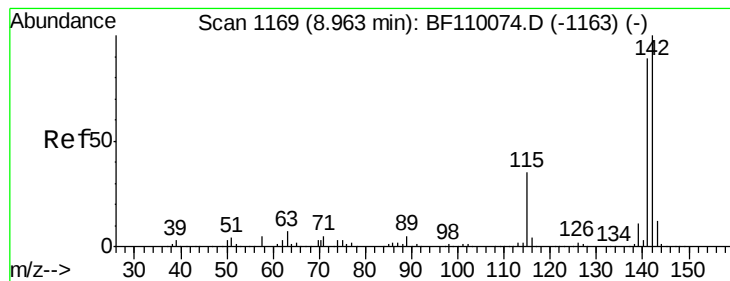
#36
4-Chloro-3-methylphenol
Concen: 41.214 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:107 Resp: 178910
Ion Ratio Lower Upper
107 100
144 26.7 20.0 30.0
142 79.5 59.7 89.5



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





#37

2-Methylnaphthalene

Concen: 46.830 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

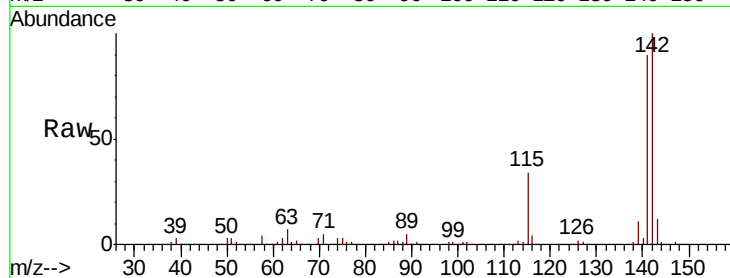
Tot Ion:142 Resp: 413187

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

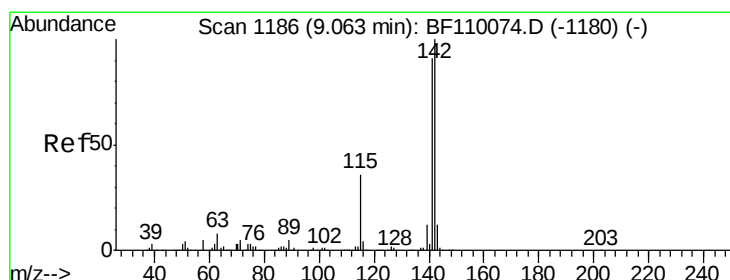
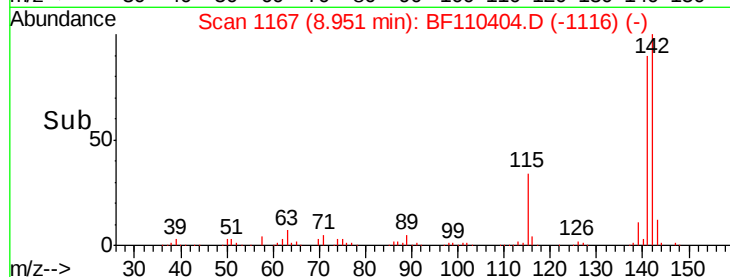
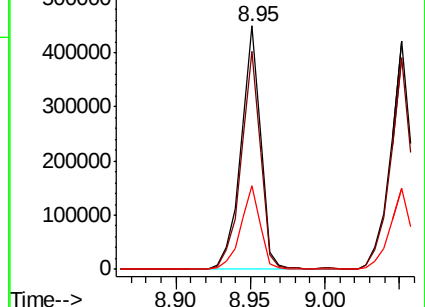
115 34.3 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.110 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

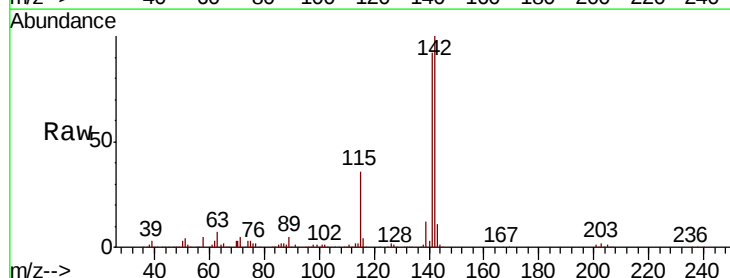
Tgt Ion:142 Resp: 384629

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

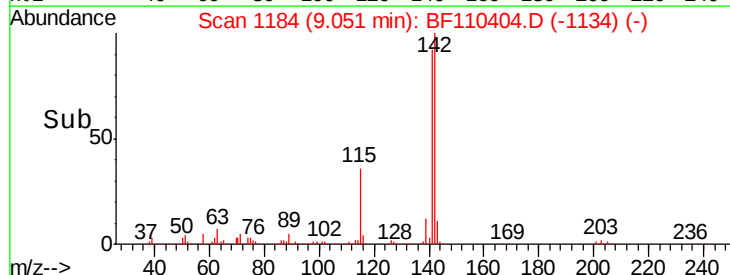
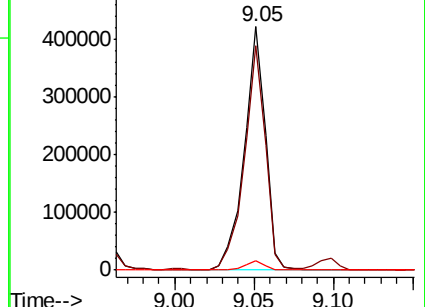
116 3.7 2.6 4.0



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: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

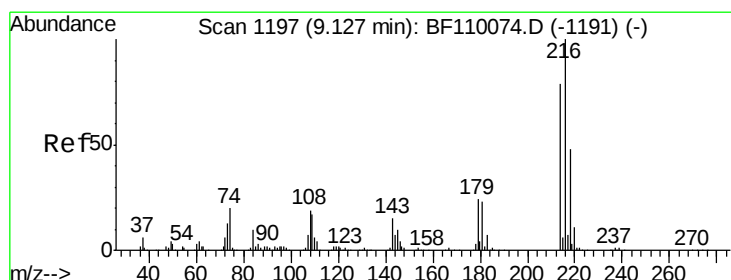
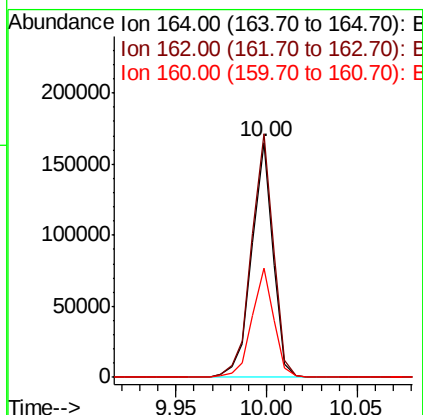
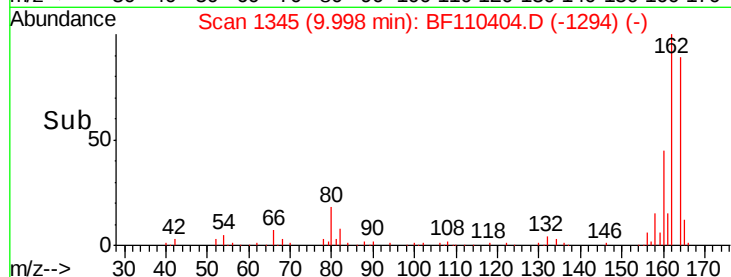
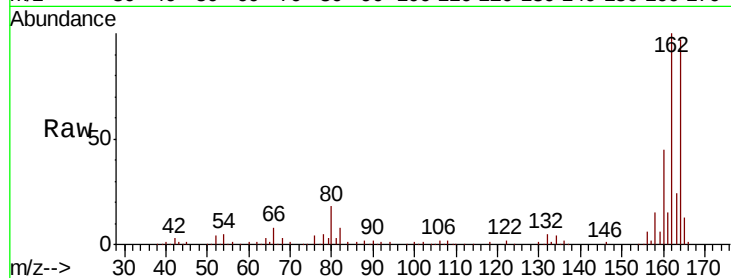
Tot Ion:164 Resp: 135269

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

160 46.3 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.856 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Tgt Ion:216 Resp: 176412

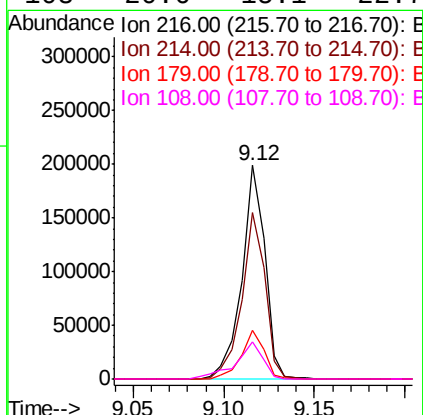
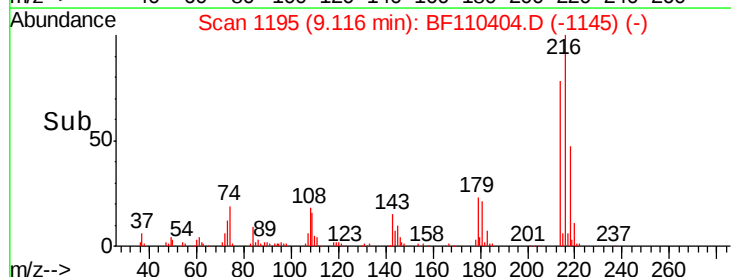
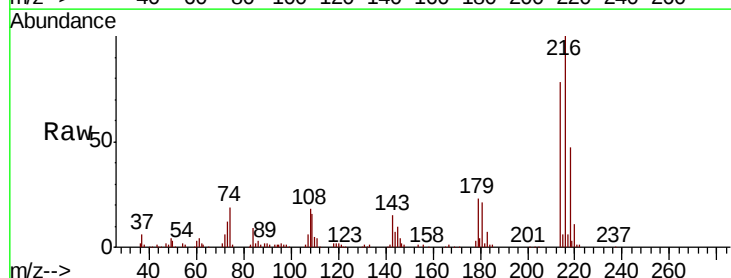
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 22.6 16.6 25.0

108 20.6 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 66.346 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

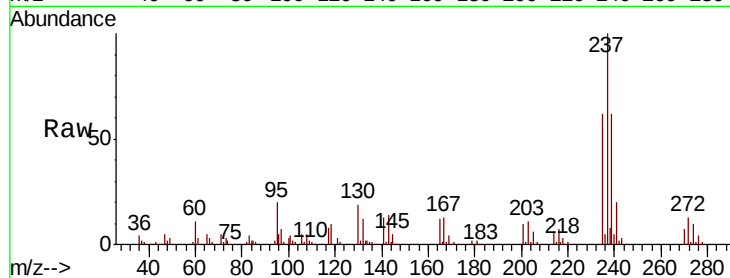
Tot Ion:237 Resp: 142983

Ion Ratio Lower Upper

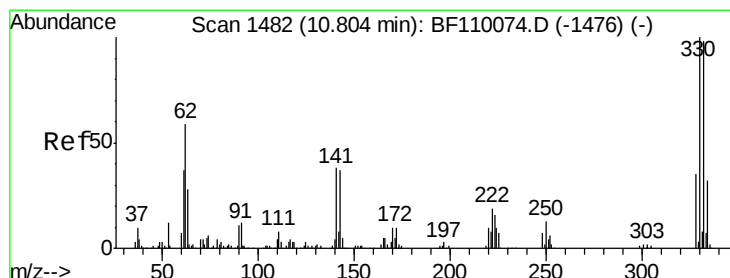
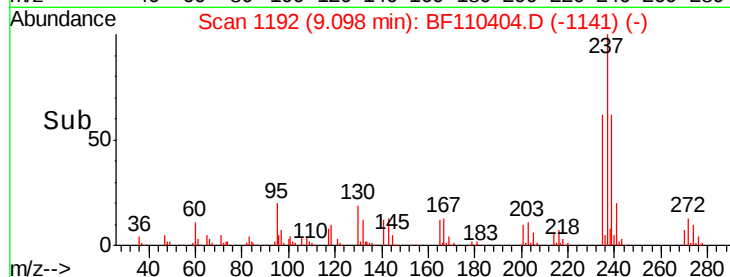
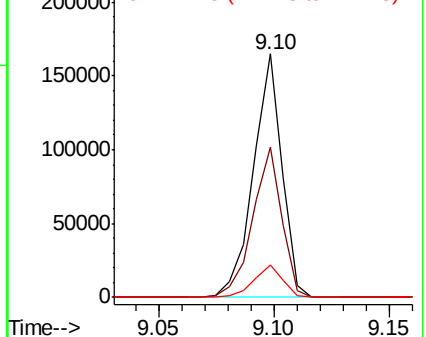
237 100

235 61.9 43.1 83.1

272 13.2 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 142.642 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

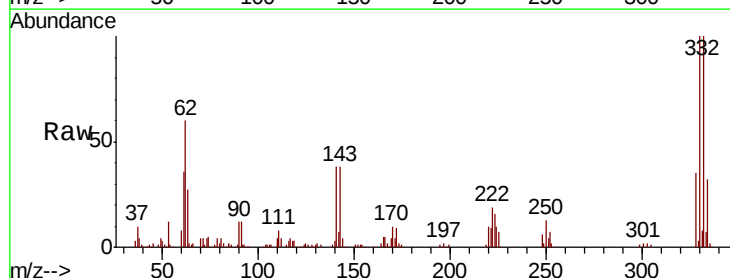
Tgt Ion:330 Resp: 191130

Ion Ratio Lower Upper

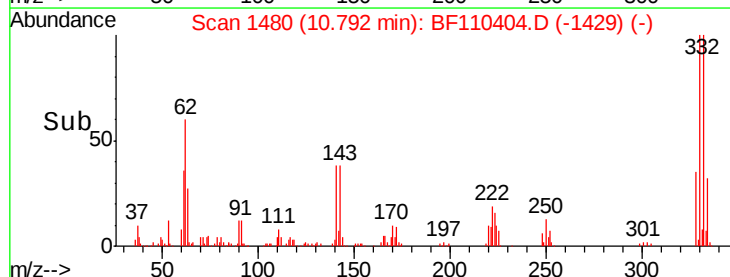
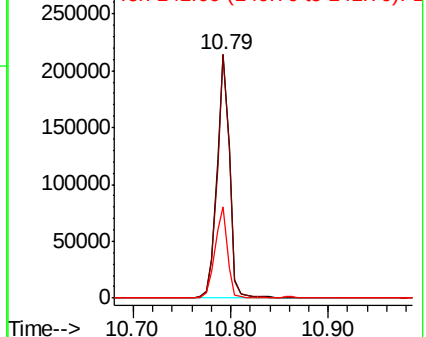
330 100

332 98.0 77.1 115.7

141 37.4 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

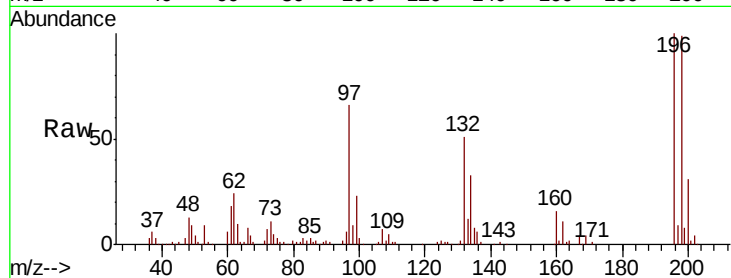




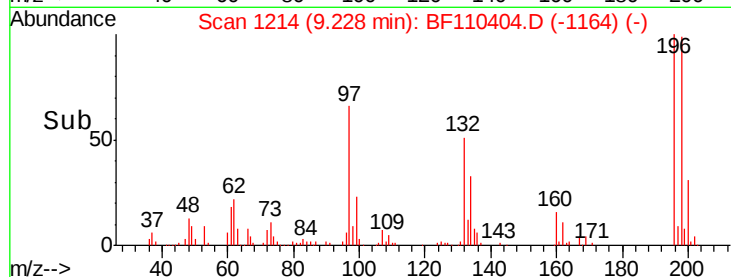
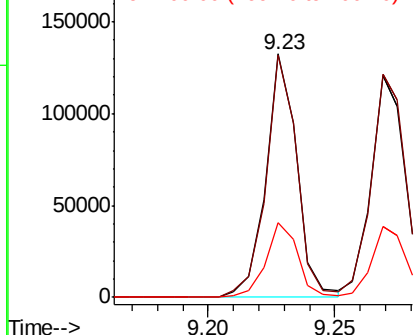
#43
 2,4,6-Trichlorophenol
 Concen: 41.953 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 114046
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.2 114.4
 200 30.6 24.4 36.6



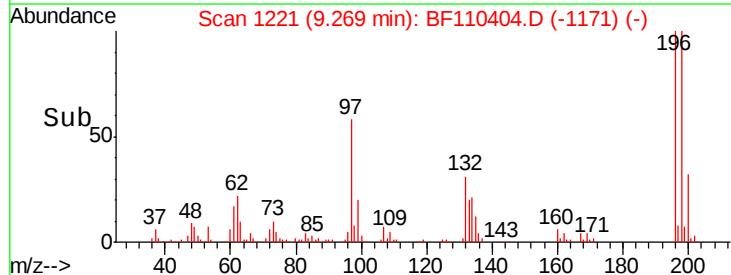
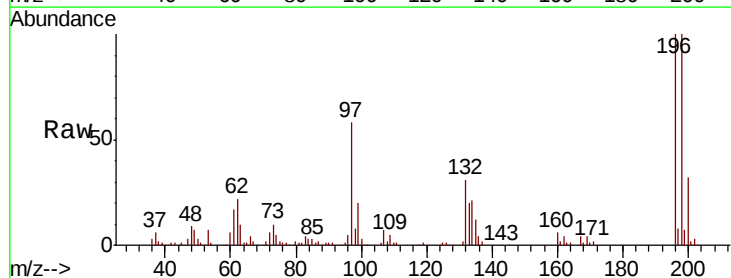
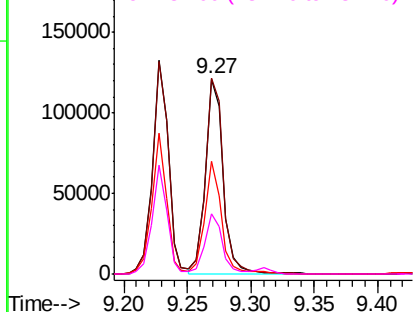
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

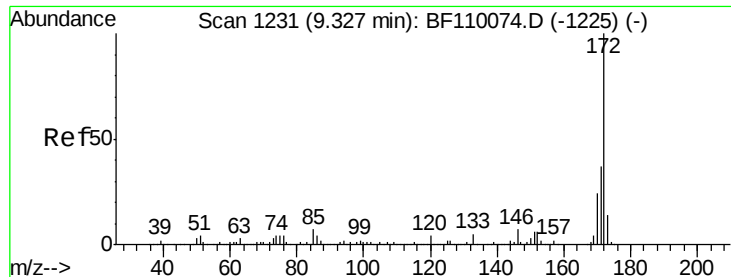


#44
 2,4,5-Trichlorophenol
 Concen: 41.412 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion:196 Resp: 118997
 Ion Ratio Lower Upper
 196 100
 198 100.3 75.8 113.6
 97 58.1 42.4 63.6
 132 30.8 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

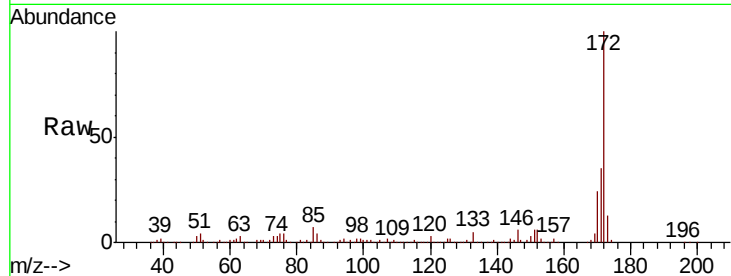




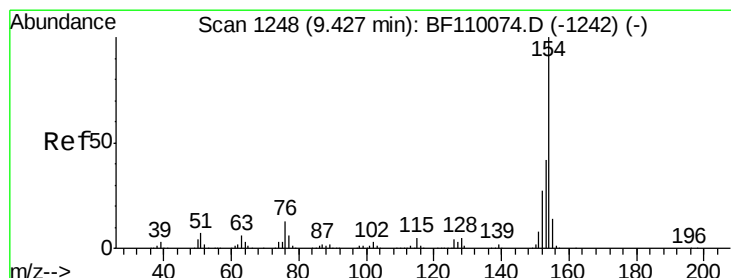
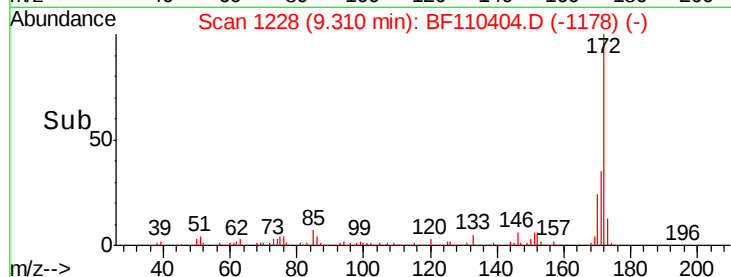
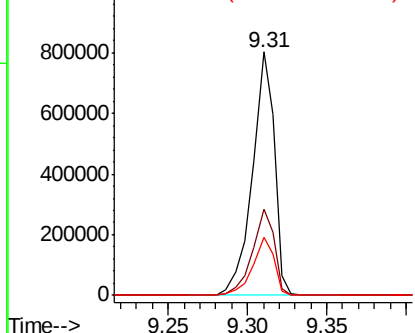
#45
2-Fluorobiphenyl
Concen: 89.819 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 773743
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.7 29.5

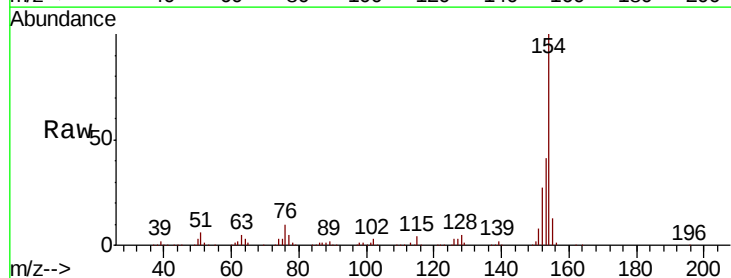


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

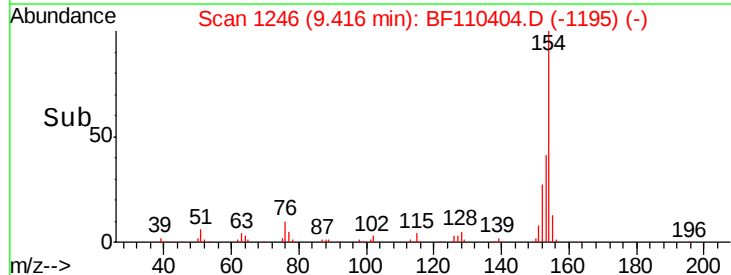
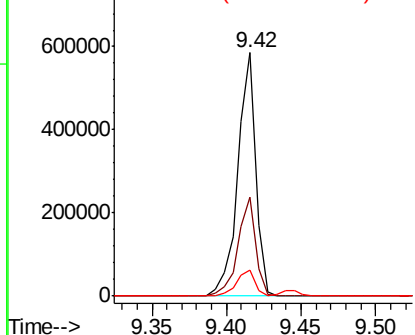


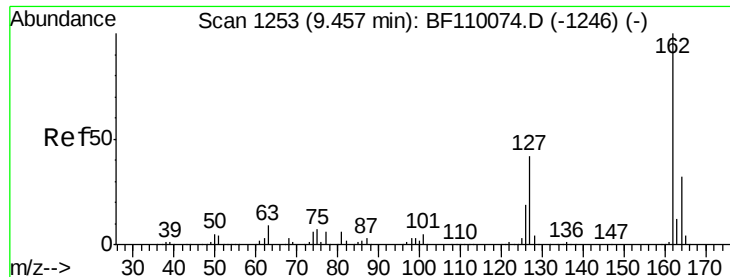
#46
1,1'-Biphenyl
Concen: 40.701 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:154 Resp: 497861
Ion Ratio Lower Upper
154 100
153 40.9 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

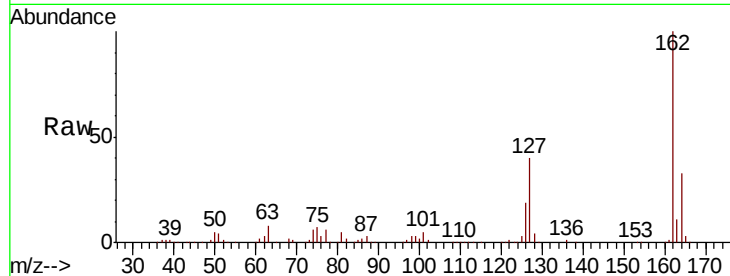




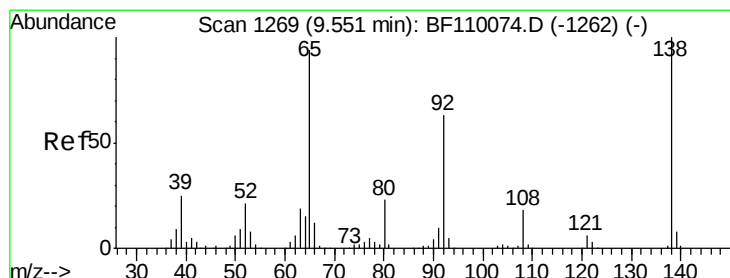
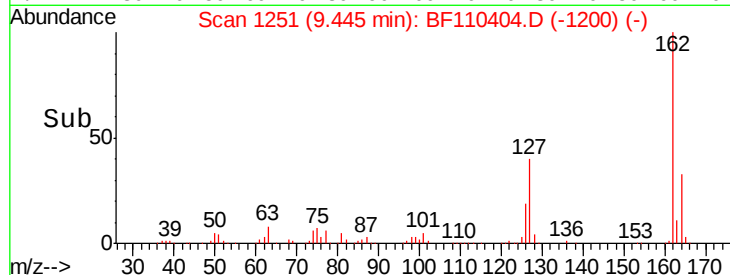
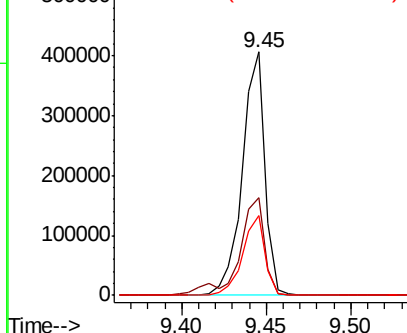
#47
 2-Chloronaphthalene
 Concen: 42.178 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 378456
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.6 48.8
 164 33.0 25.9 38.9

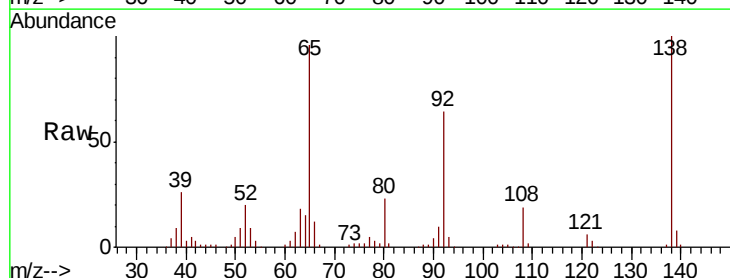


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

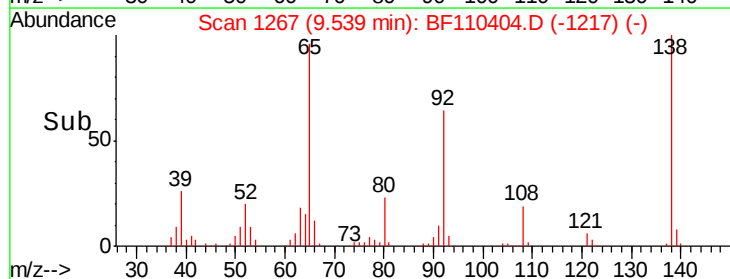
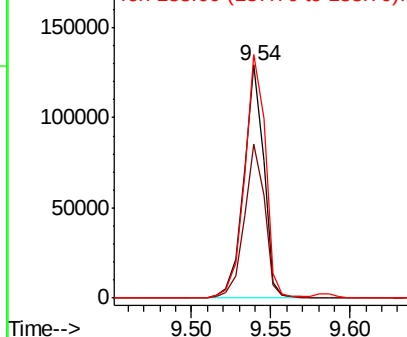


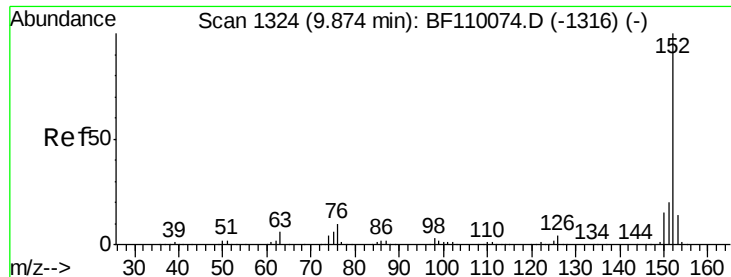
#48
 2-Nitroaniline
 Concen: 41.415 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion: 65 Resp: 112609
 Ion Ratio Lower Upper
 65 100
 92 66.4 54.6 81.8
 138 104.6 80.3 120.5



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





#49

Acenaphthylene

Concen: 44.792 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

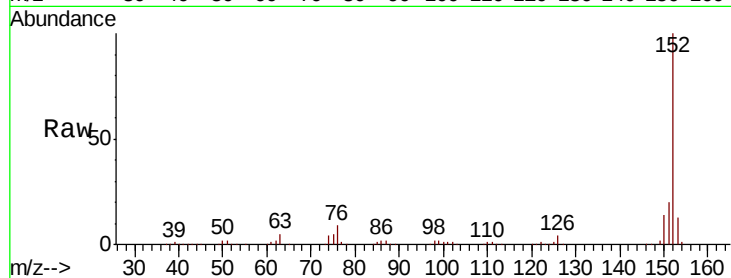
Tot Ion:152 Resp: 580502

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

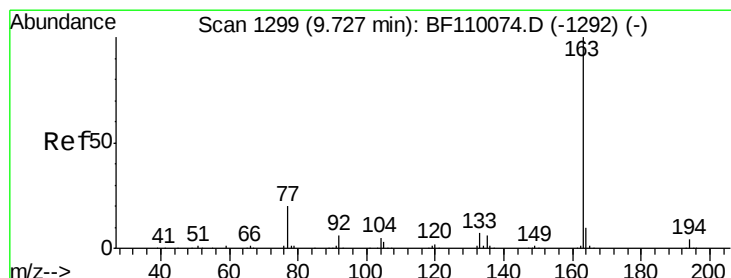
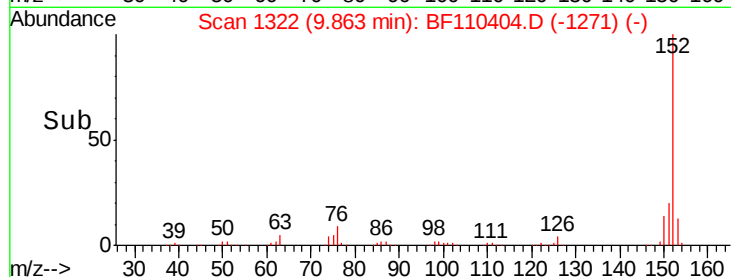
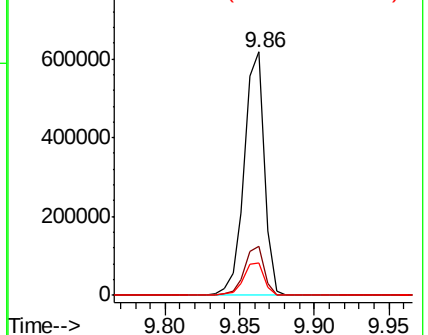
153 13.5 10.4 15.6



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: 42.821 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

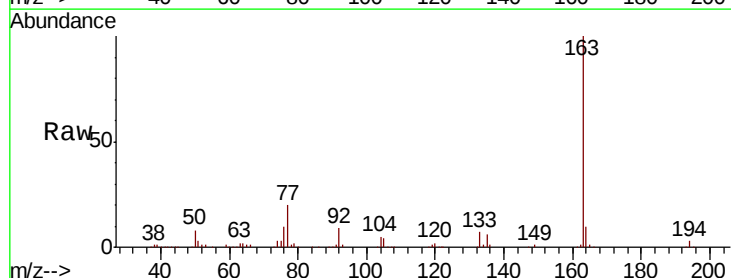
Tgt Ion:163 Resp: 427582

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

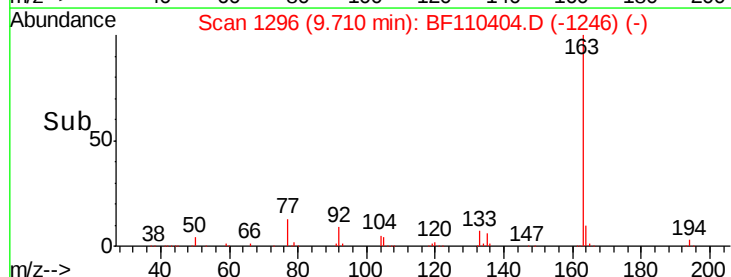
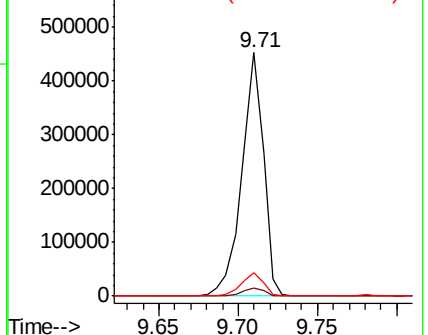
164 9.7 8.1 12.1



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: 43.441 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

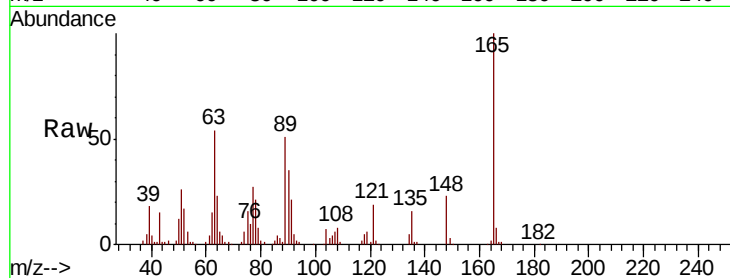
Tot Ion:165 Resp: 93435

Ion Ratio Lower Upper

165 100

63 54.3 48.9 73.3

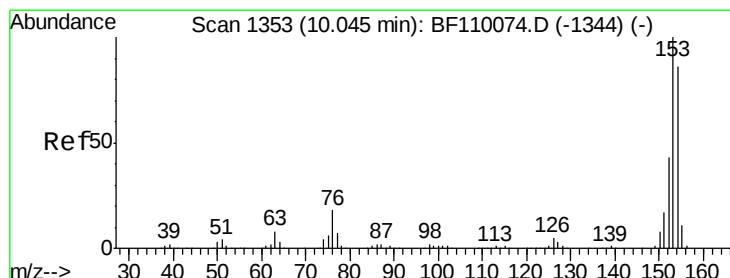
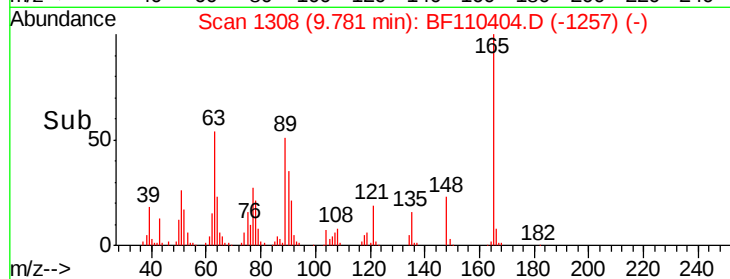
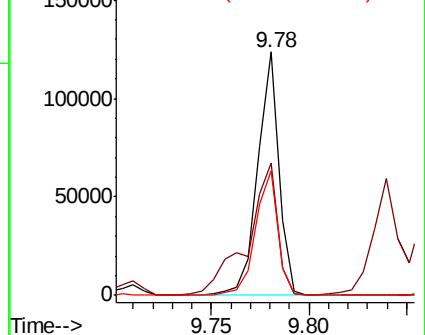
89 51.1 46.6 69.8



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: 41.265 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

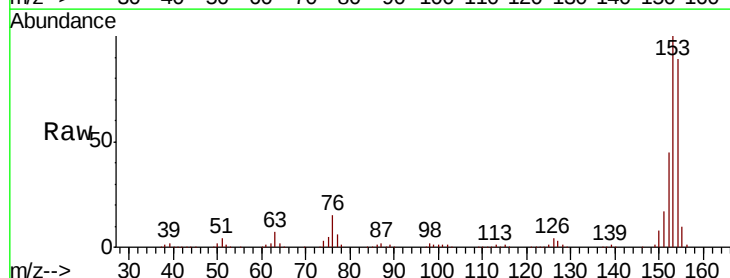
Tgt Ion:154 Resp: 353785

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

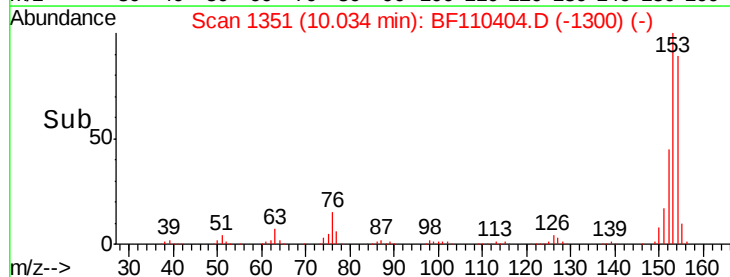
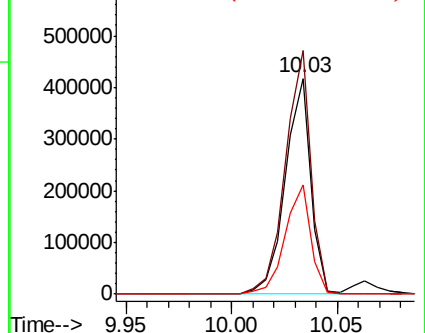
152 50.6 43.4 65.2

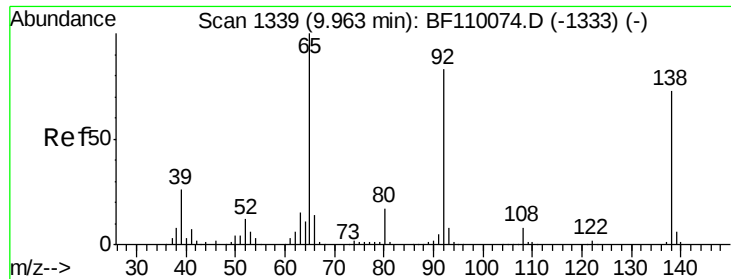


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

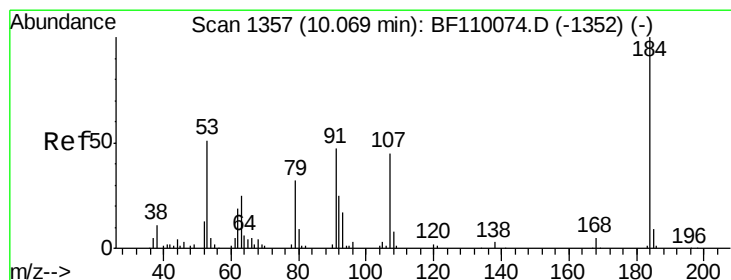
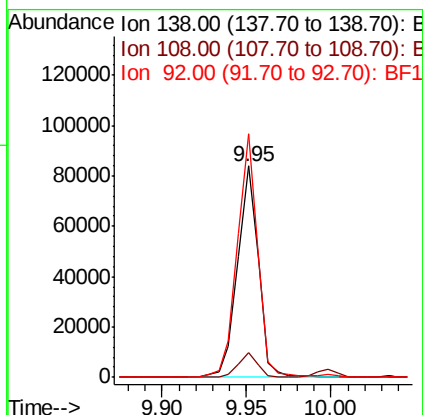
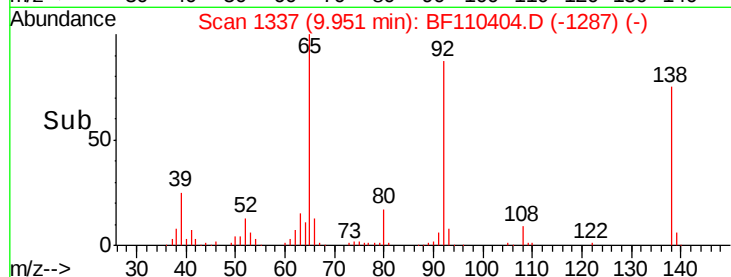
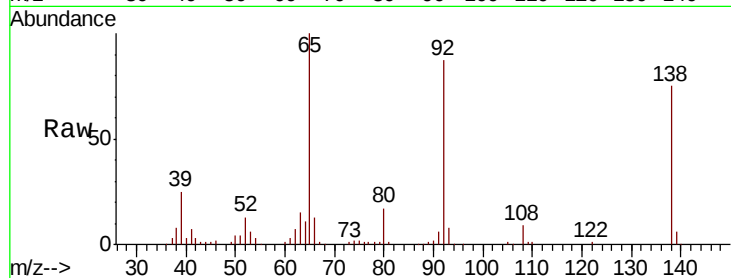




#53
3-Nitroaniline
Concen: 28.133 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

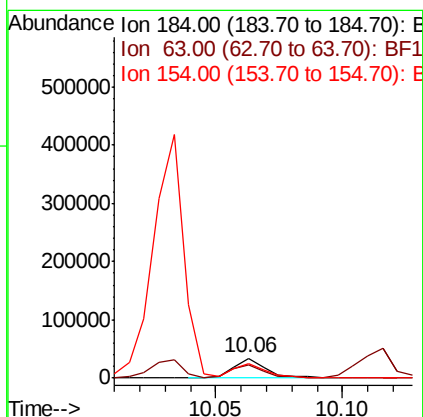
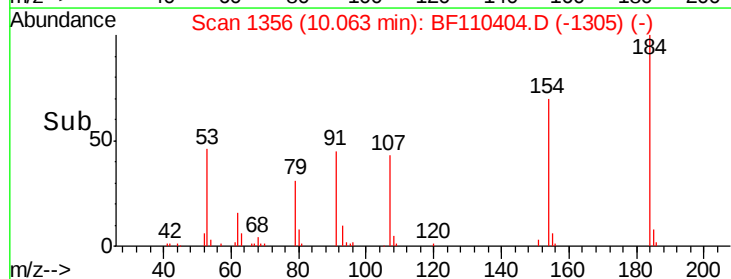
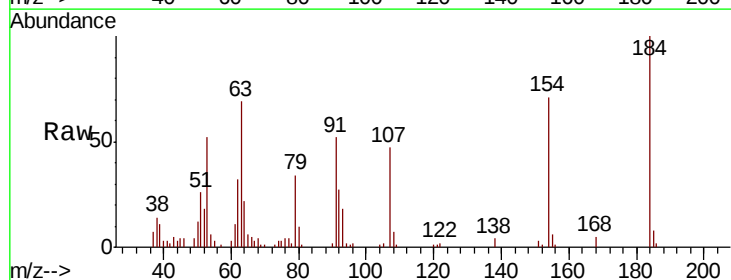
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 71959
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 115.1 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 39.284 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:184 Resp: 31130
Ion Ratio Lower Upper
184 100
63 68.6 55.8 83.6
154 70.6 63.2 94.8

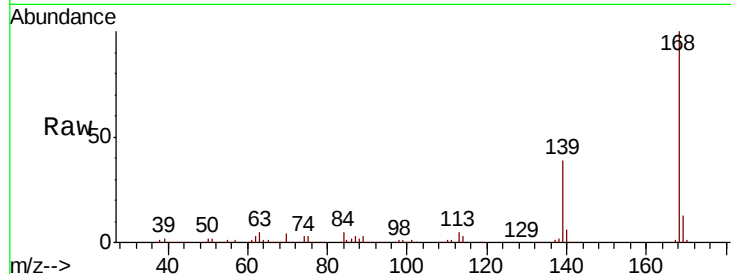




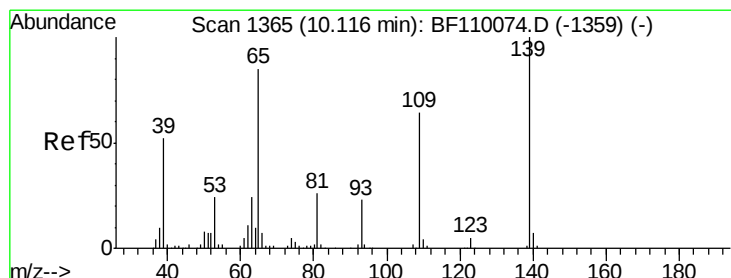
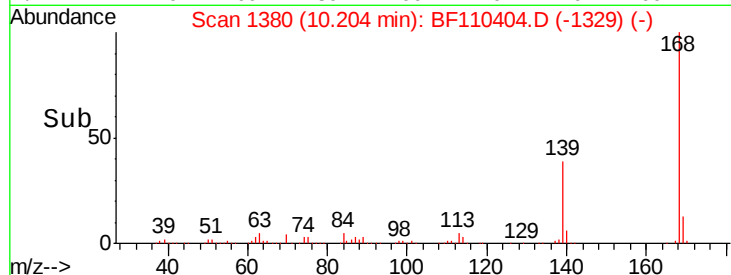
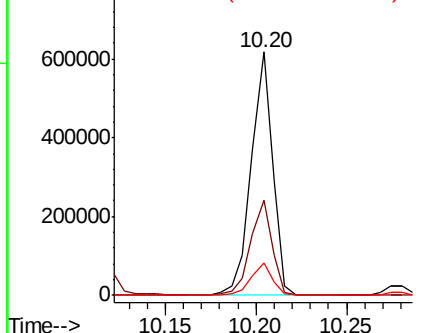
#55
Dibenzenofuran
Concen: 42.313 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 507915
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 13.1 11.3 16.9

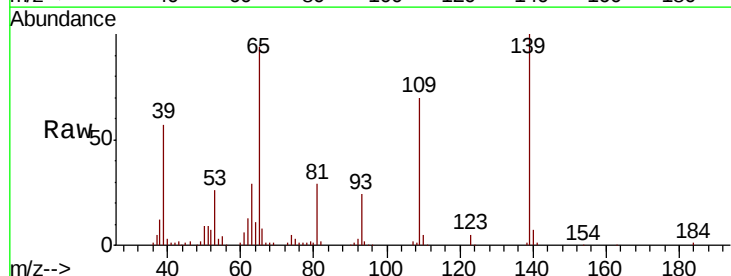


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

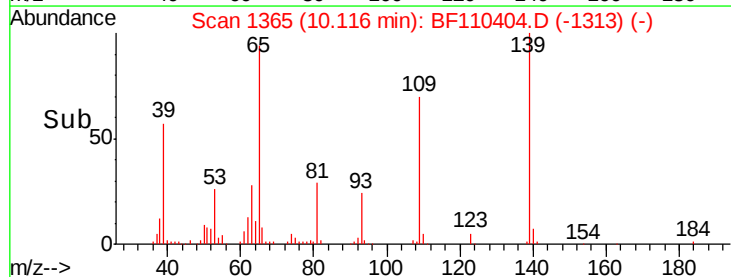
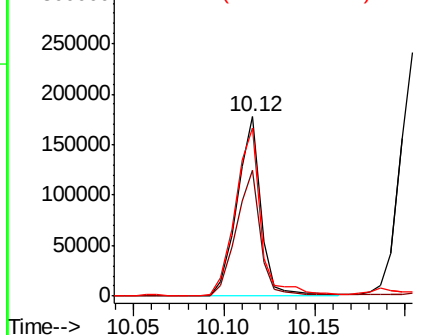


#56
4-Nitrophenol
Concen: 86.385 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:139 Resp: 163531
Ion Ratio Lower Upper
139 100
109 70.5 55.8 95.8
65 93.8 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

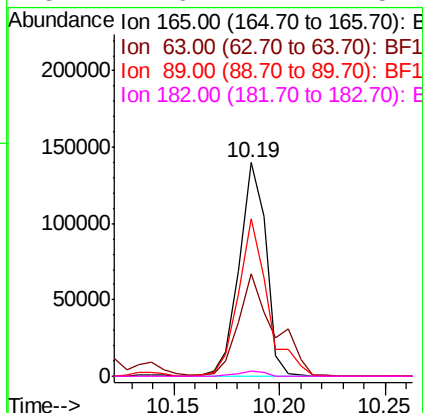
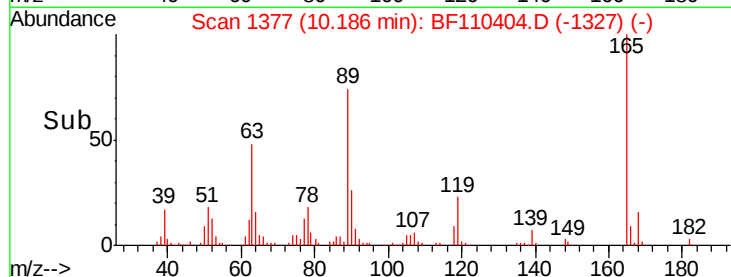
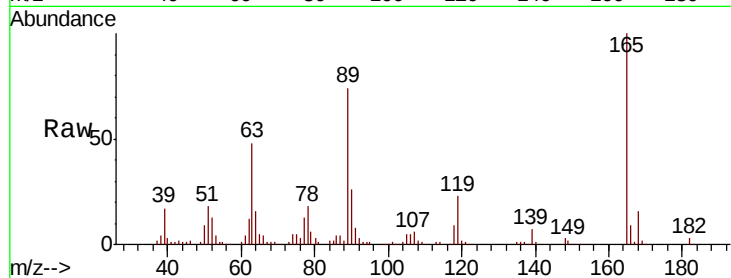




#57
2,4-Dinitrotoluene
Concen: 45.152 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

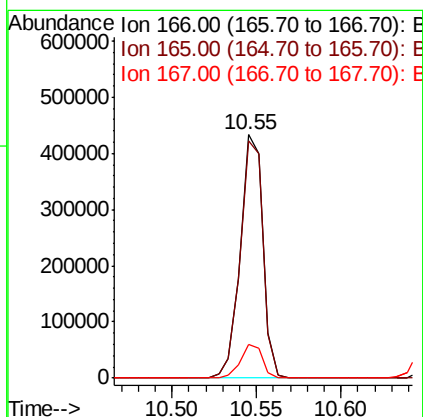
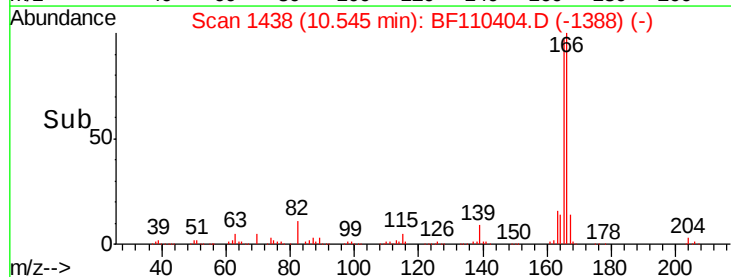
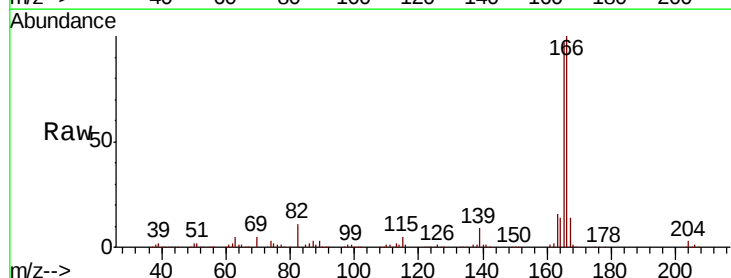
Instrument :
BNA_F
ClientSampleId :

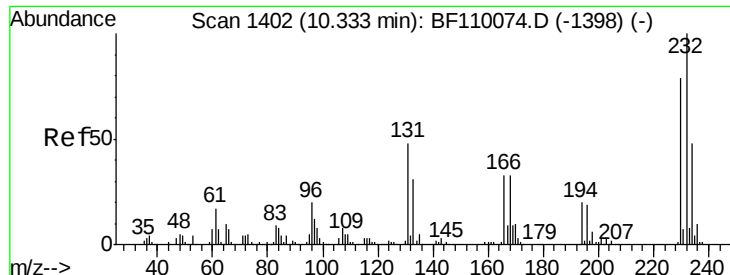
Tot Ion:165	Resp:	123354
Ion Ratio	Lower	Upper
165	100	
63	47.7	44.8 67.2
89	73.9	62.2 93.4
182	2.6	2.1 3.1



#58
Fluorene
Concen: 45.066 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:166	Resp:	402608
Ion Ratio	Lower	Upper
166	100	
165	97.4	78.6 117.8
167	13.7	10.8 16.2

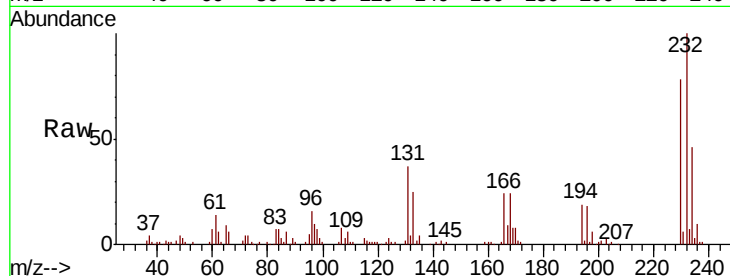




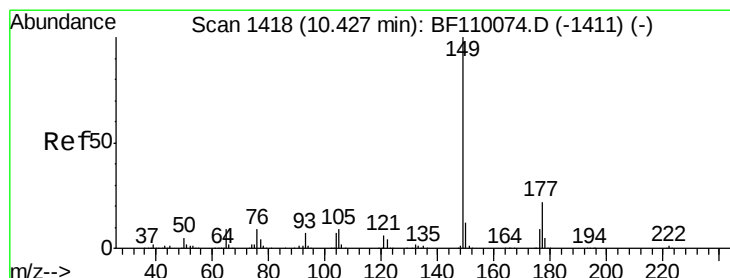
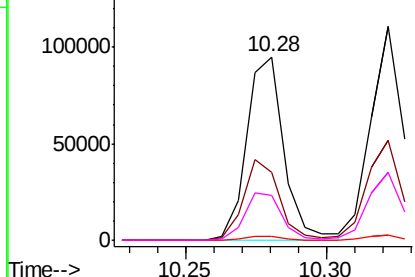
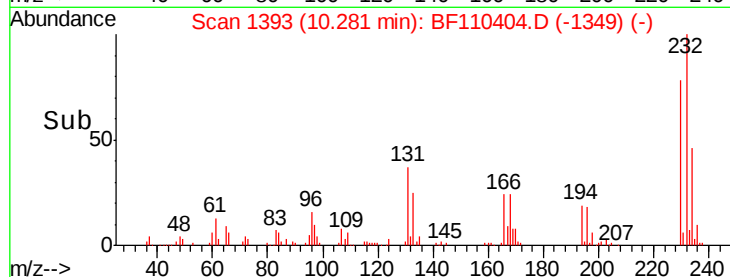
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.160 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.04 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 87034
Ion Ratio Lower Upper
232 100
131 42.5 37.0 55.4
130 2.2 1.8 2.6
166 26.1 22.0 33.0

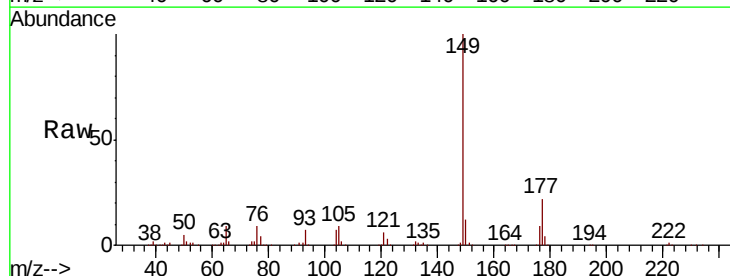


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

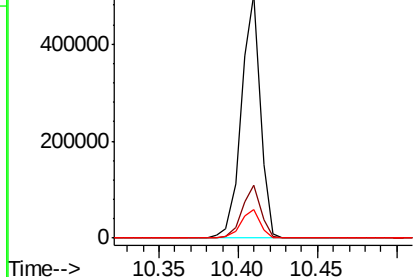
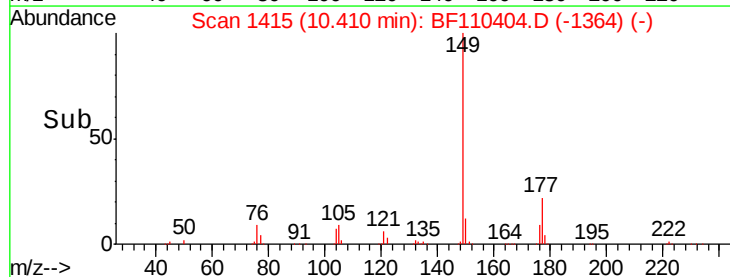


#60
Diethylphthalate
Concen: 42.847 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:149 Resp: 417640
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

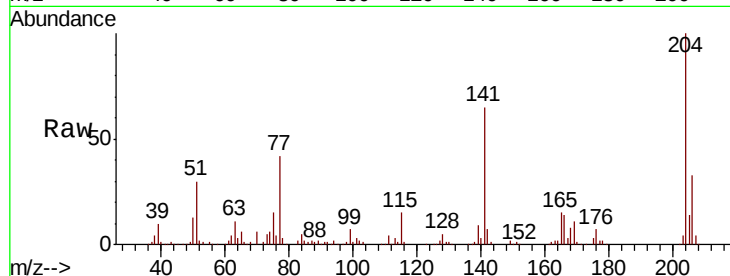




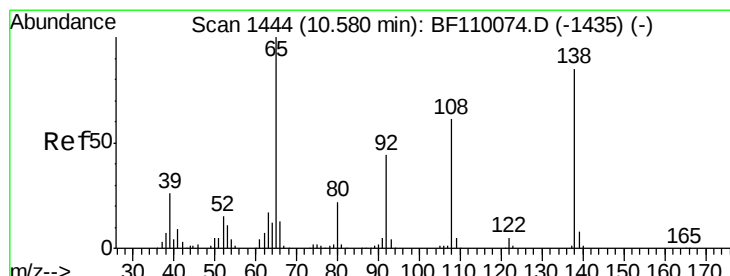
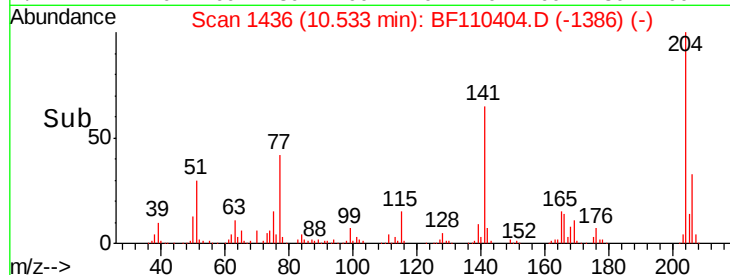
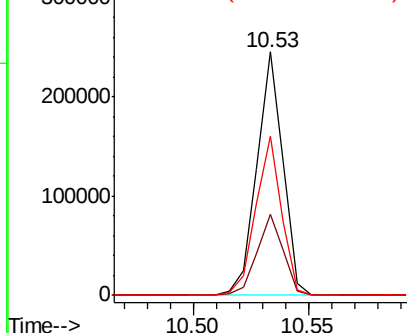
#61
4-Chlorophenyl-phenylether
Concen: 41.038 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 193405
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 65.4 51.8 77.8

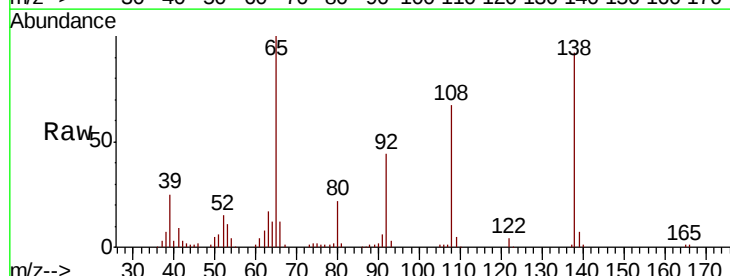


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

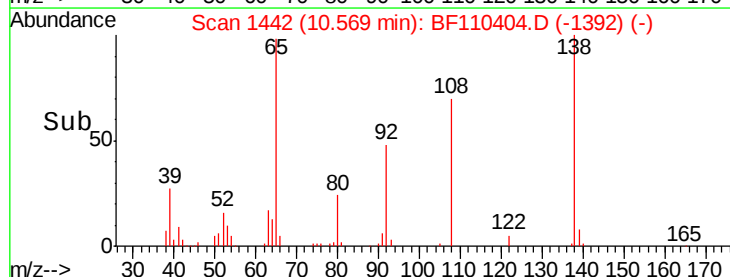
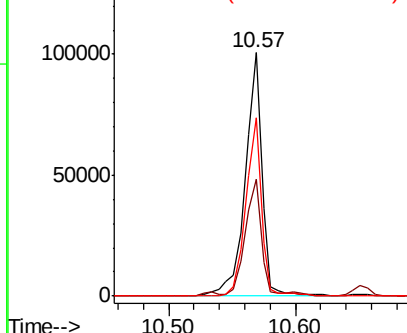


#62
4-Nitroaniline
Concen: 36.391 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:138 Resp: 92577
Ion Ratio Lower Upper
138 100
92 47.9 31.7 71.7
108 73.3 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: 41.895 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 405345

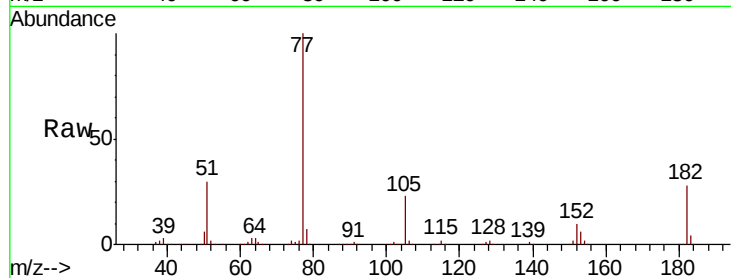
Ion Ratio Lower Upper

77 100

182 28.2 4.3 44.3

105 23.4 1.3 41.3

51 29.6 9.0 49.0

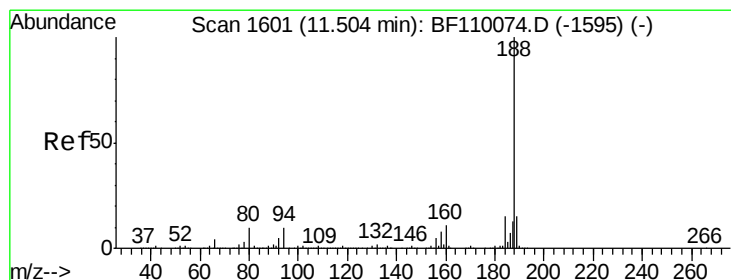
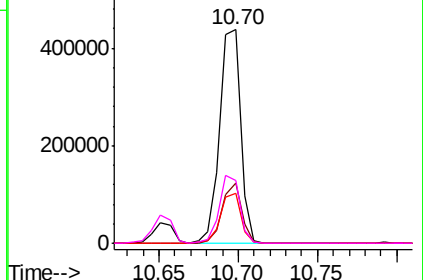
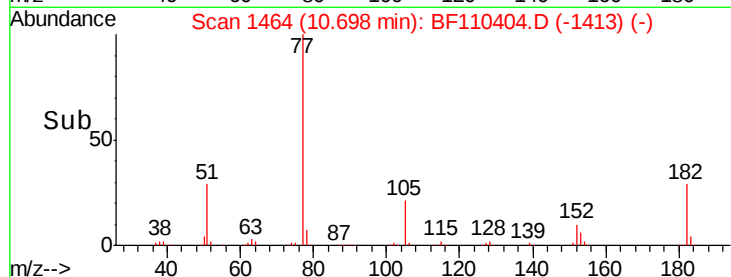


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

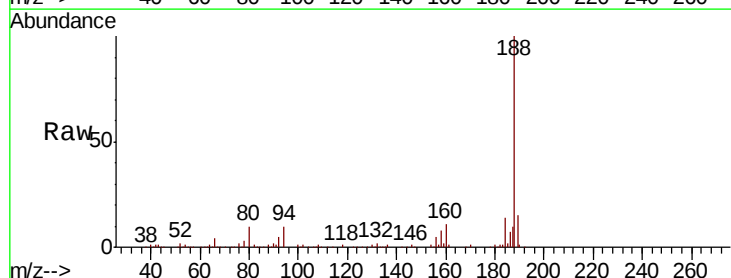
Tgt Ion: 188 Resp: 244503

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

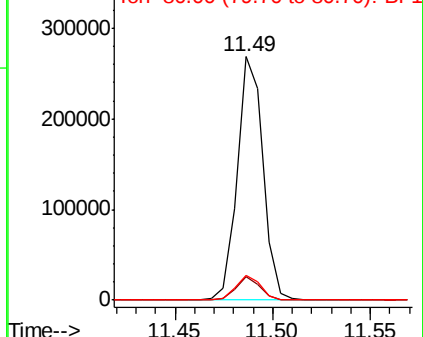
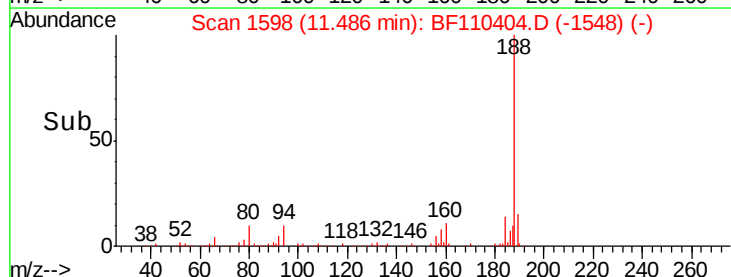
80 10.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

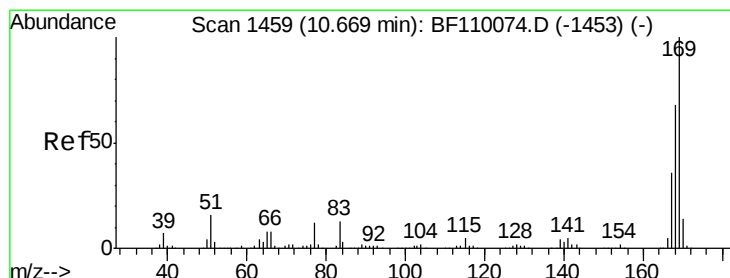
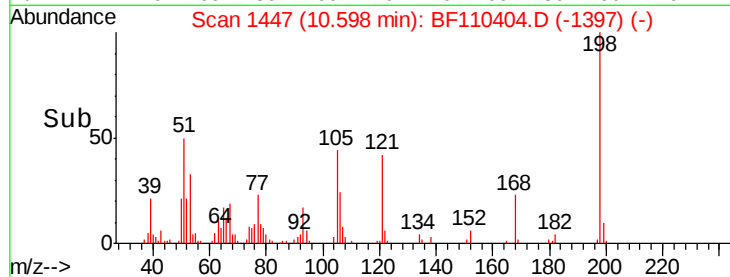
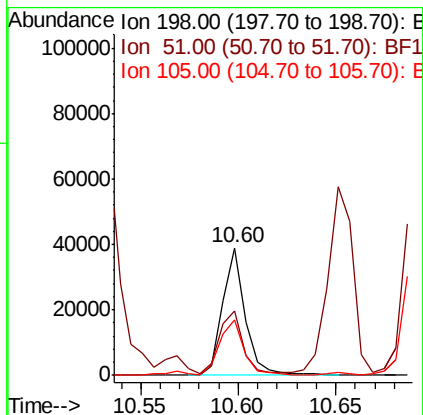
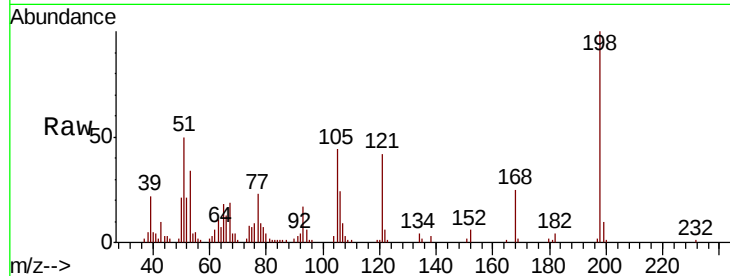




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.100 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

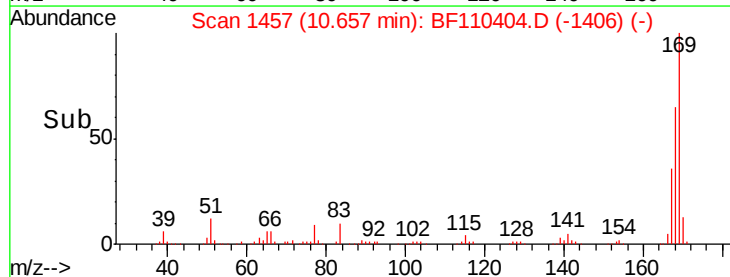
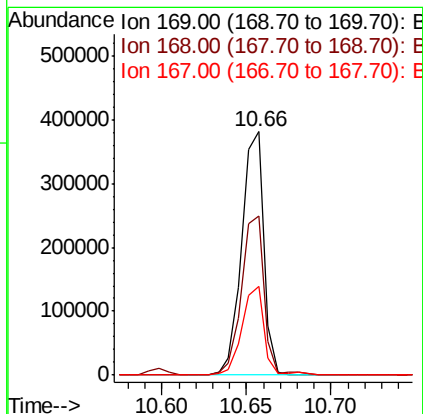
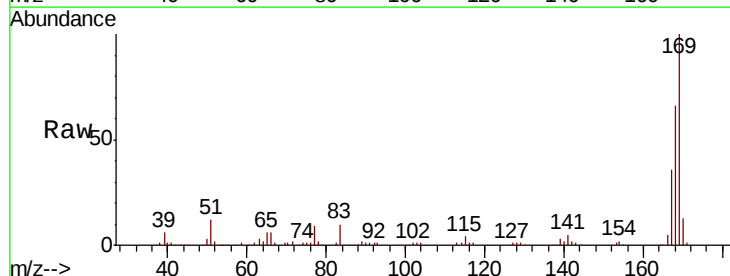
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 31390
 Ion Ratio Lower Upper
 198 100
 51 50.4 22.8 62.8
 105 44.0 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.614 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF110404.D
 Acq: 2 Nov 2018 11:41

Tgt Ion:169 Resp: 349775
 Ion Ratio Lower Upper
 169 100
 168 65.6 51.2 76.8
 167 36.2 27.8 41.6

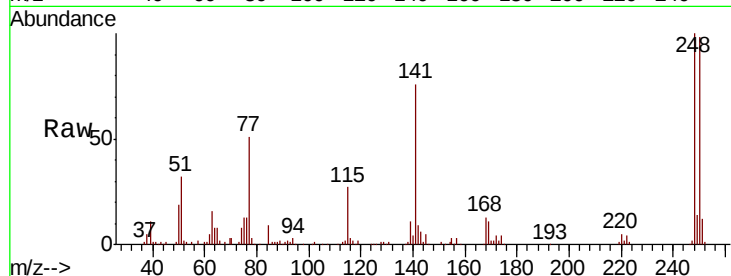




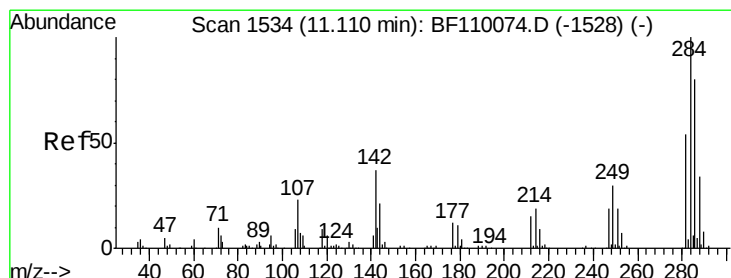
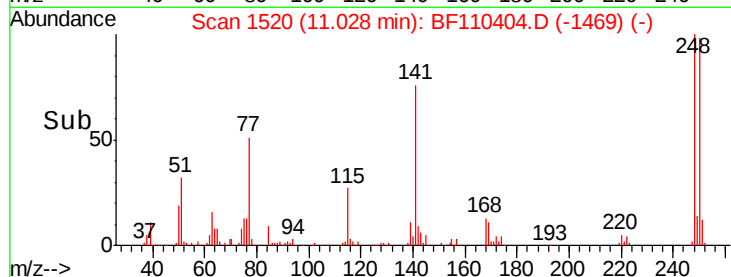
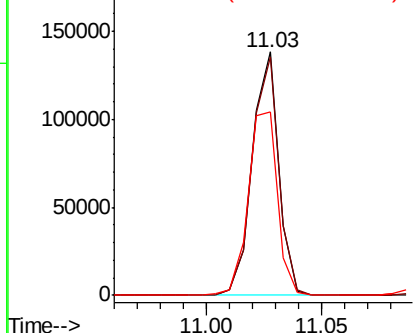
#67
4-Bromophenyl-phenylether
Concen: 41.899 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 111123
Ion Ratio Lower Upper
248 100
250 97.8 79.4 119.2
141 75.5 55.9 83.9

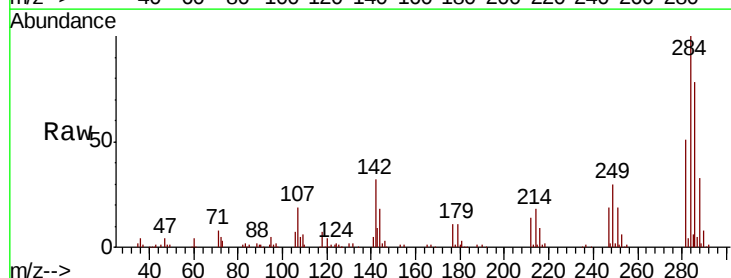


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

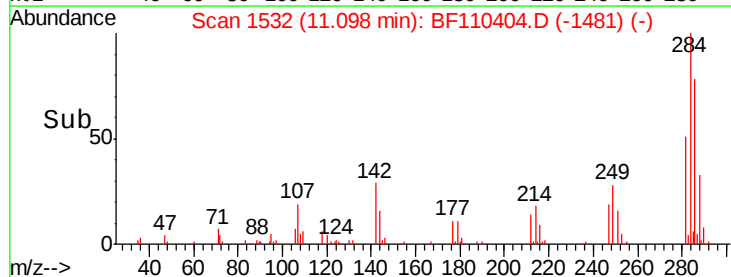
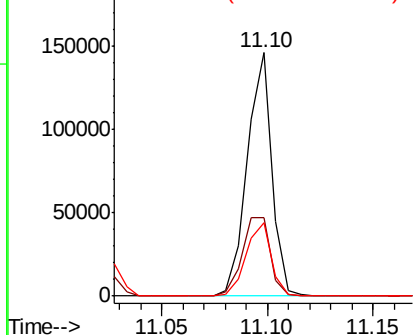


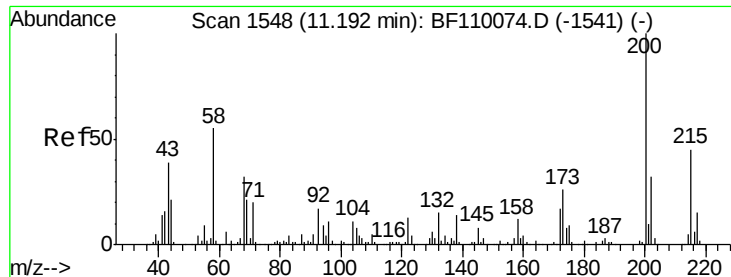
#68
Hexachlorobenzene
Concen: 42.249 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:284 Resp: 118888
Ion Ratio Lower Upper
284 100
142 32.3 23.9 35.9
249 29.9 24.2 36.2



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

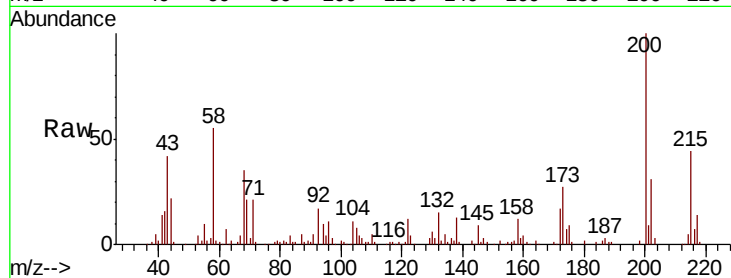




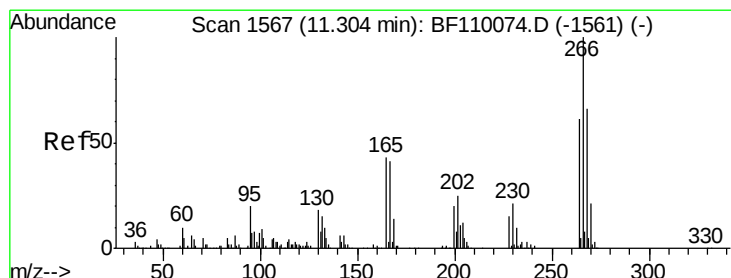
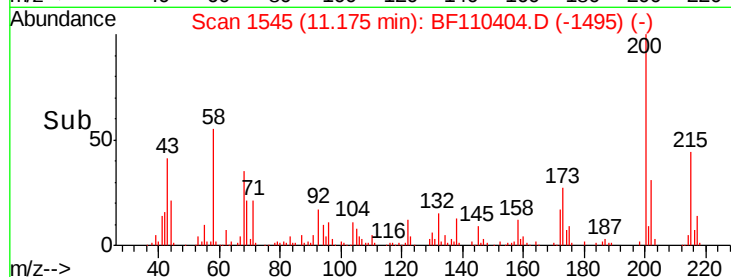
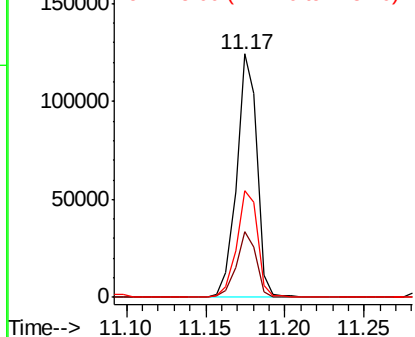
#69
Atrazine
Concen: 43.558 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 110394
Ion Ratio Lower Upper
200 100
173 26.9 6.6 46.6
215 43.8 26.3 66.3

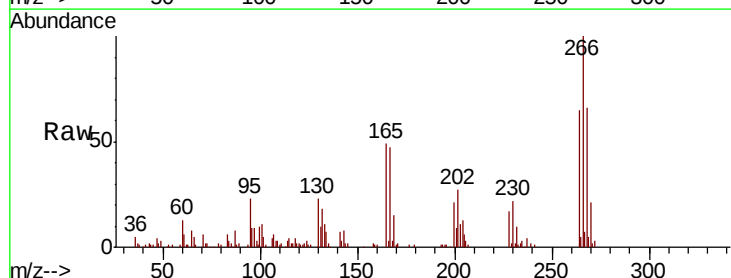


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

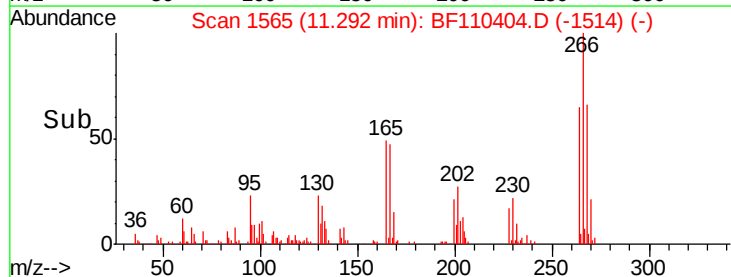
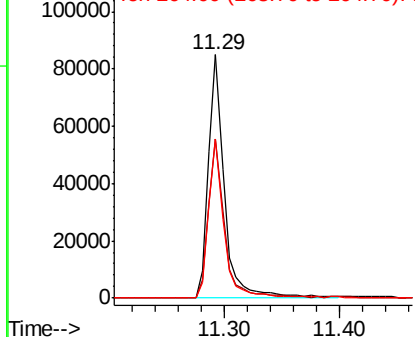


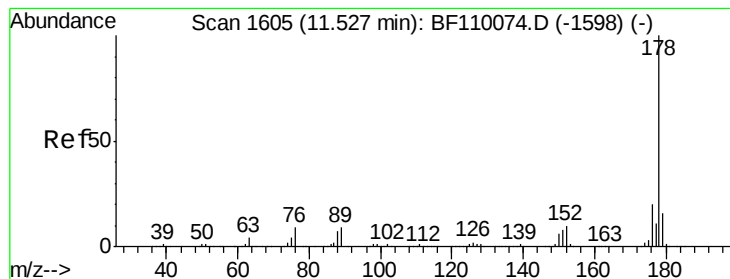
#70
Pentachlorophenol
Concen: 50.306 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:266 Resp: 82546
Ion Ratio Lower Upper
266 100
268 65.6 50.6 75.8
264 65.5 50.6 75.8



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

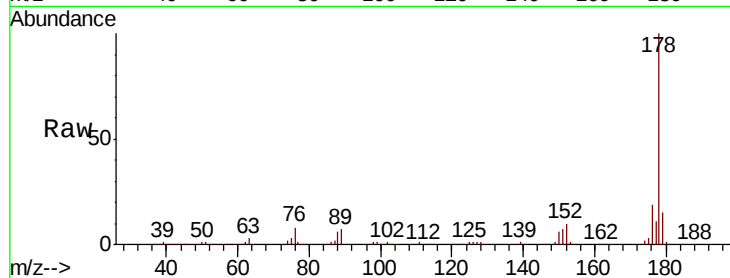




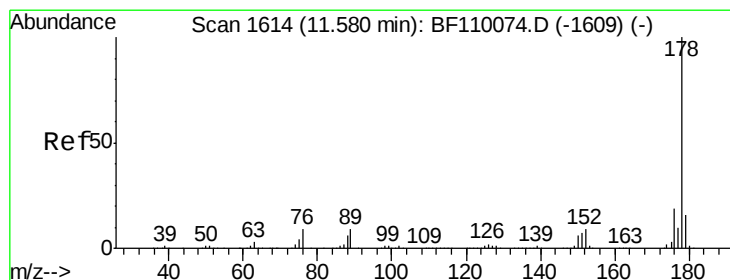
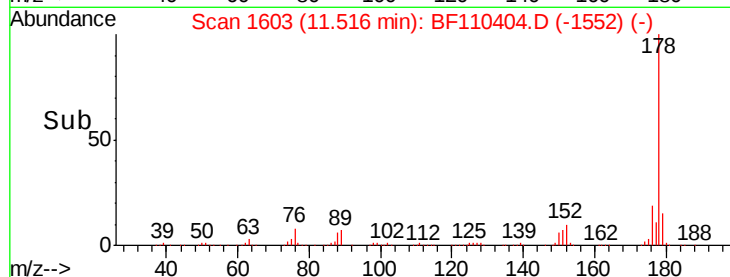
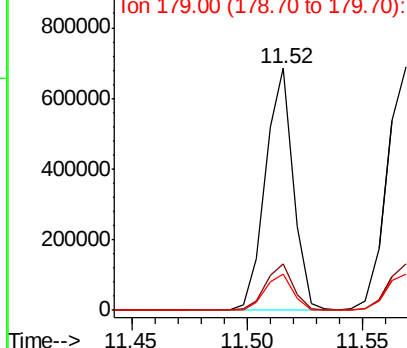
#71
Phenanthrene
Concen: 44.927 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 574774
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.5 18.7

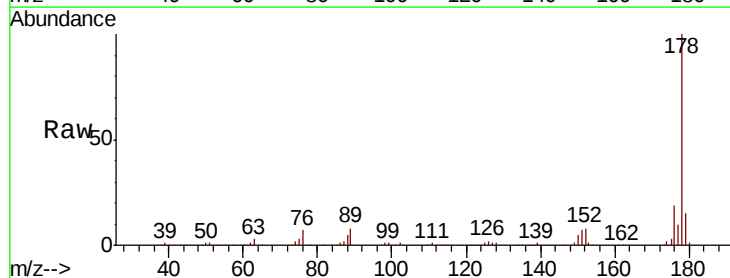


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

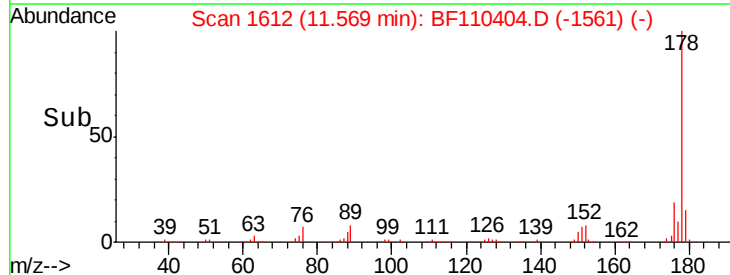
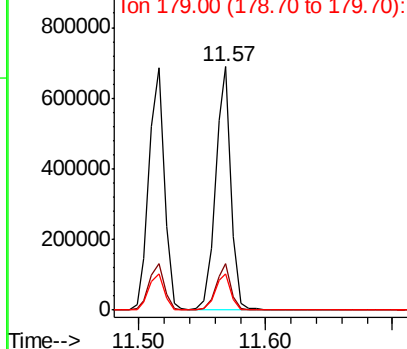


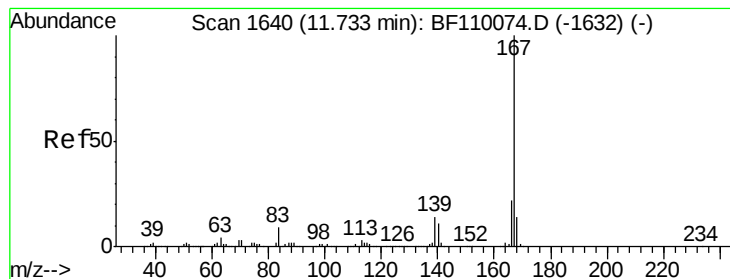
#72
Anthracene
Concen: 45.967 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:178 Resp: 589459
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.9 12.6 18.8



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





#73

Carbazole

Concen: 37.101 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

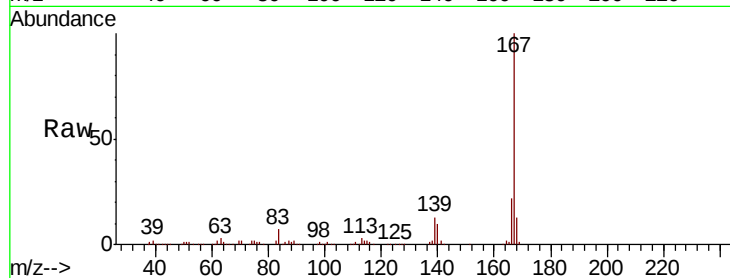
Tot Ion:167 Resp: 464528

Ion Ratio Lower Upper

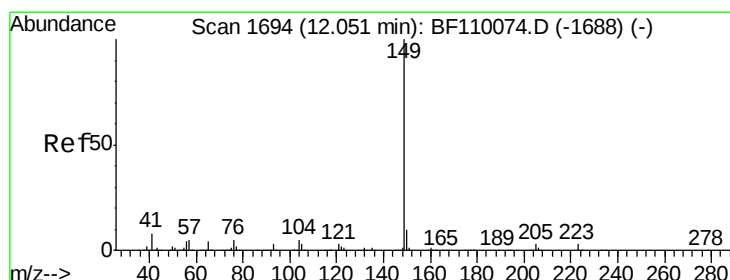
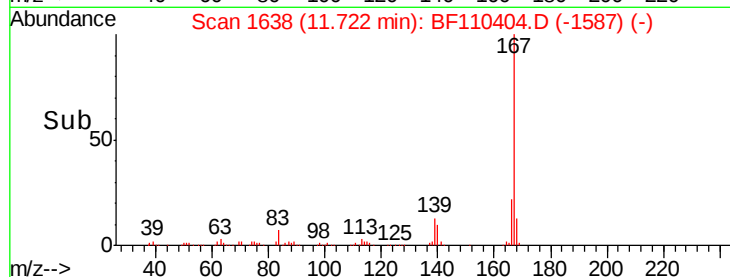
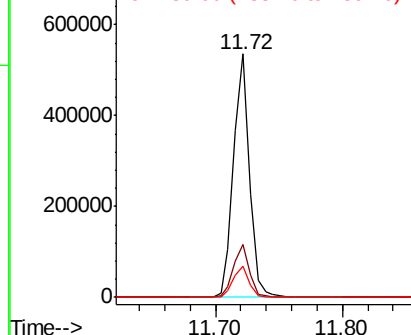
167 100

166 21.6 17.4 26.0

139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.163 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

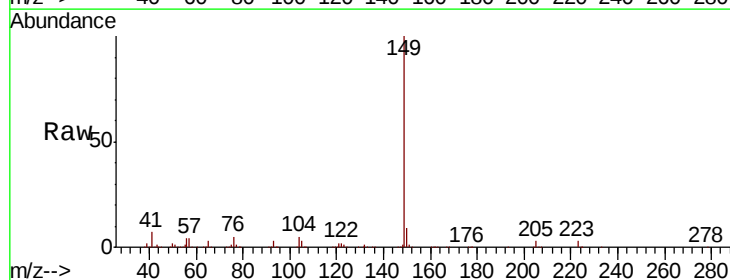
Tgt Ion:149 Resp: 666927

Ion Ratio Lower Upper

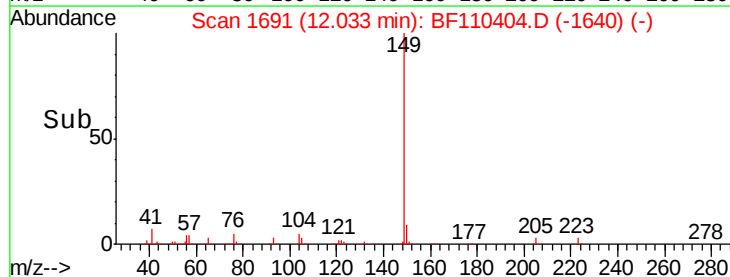
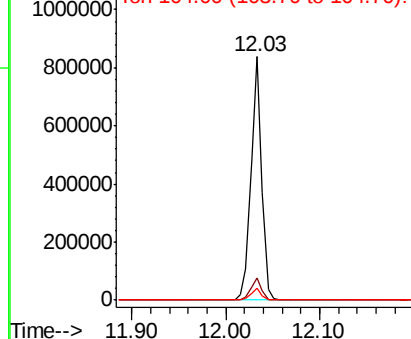
149 100

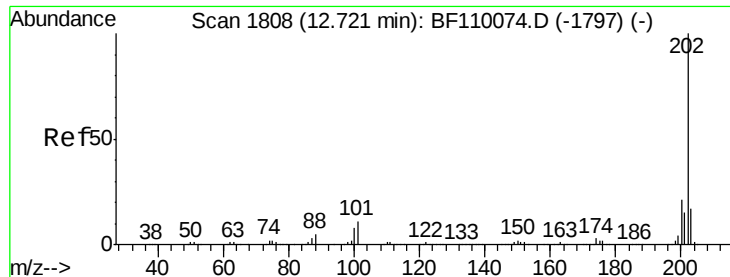
150 9.1 7.7 11.5

104 4.7 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.723 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

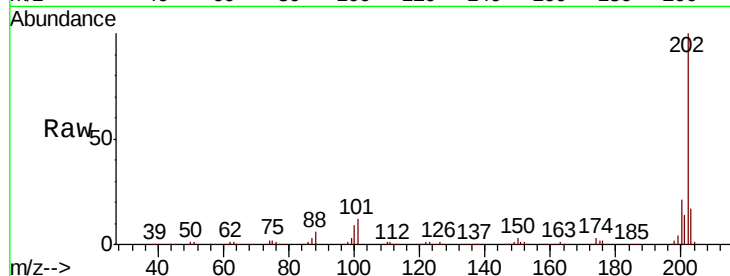
Tot Ion:202 Resp: 528742

Ion Ratio Lower Upper

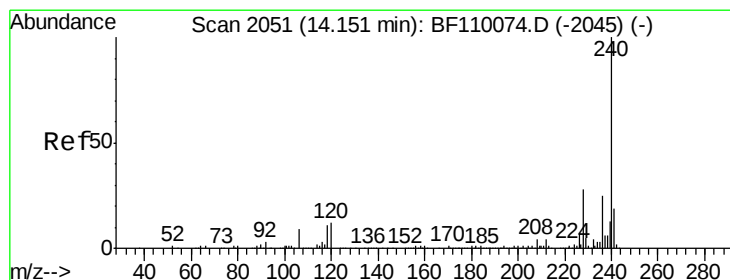
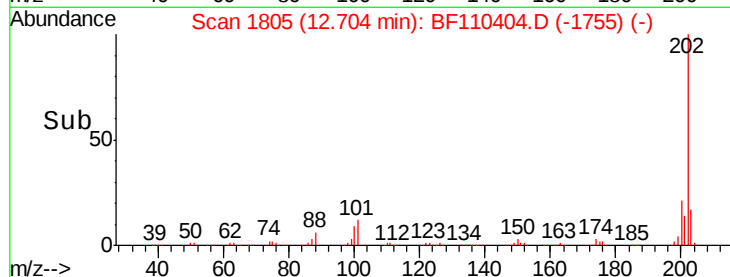
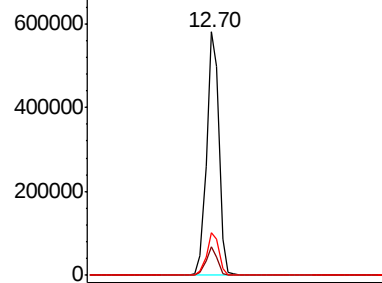
202 100

101 11.6 0.0 31.4

203 17.4 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

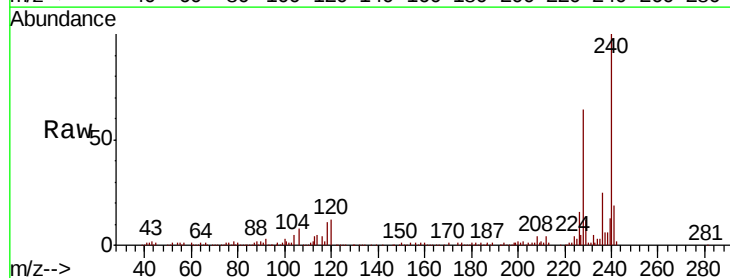
Tgt Ion:240 Resp: 146561

Ion Ratio Lower Upper

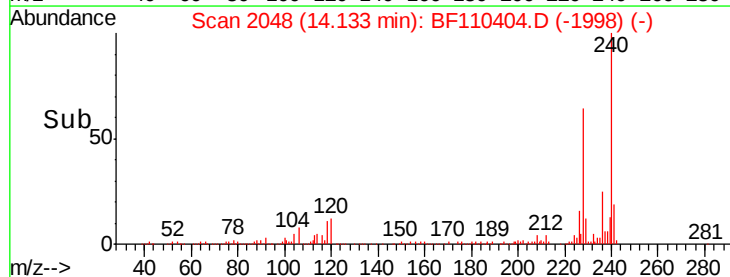
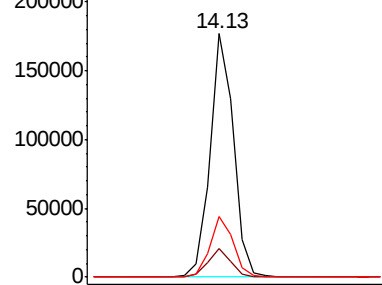
240 100

120 12.0 8.3 12.5

236 24.9 21.2 31.8



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





#77

Benzidine

Concen: Below Cal

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

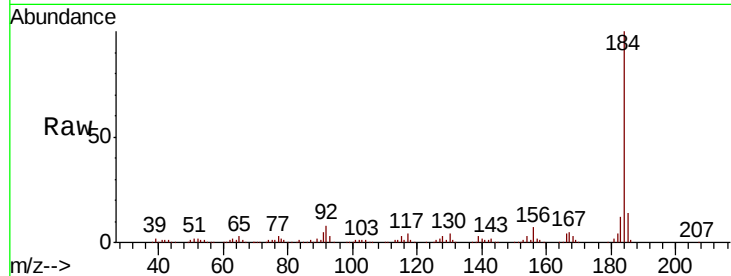
Tot Ion:184 Resp: 263662

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

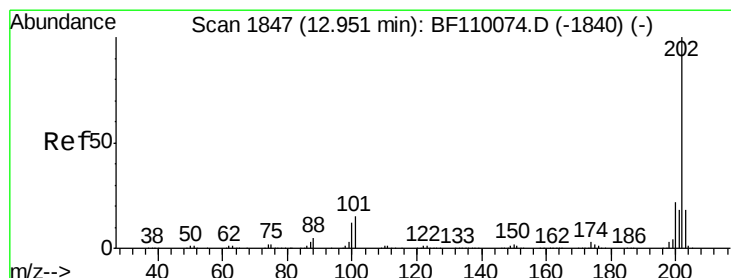
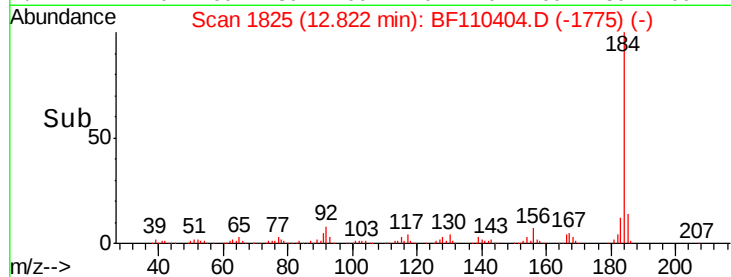
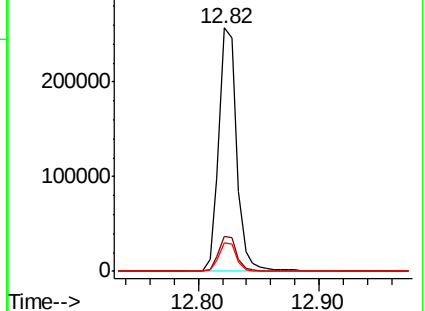
183 11.8 9.4 14.2



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: 48.299 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

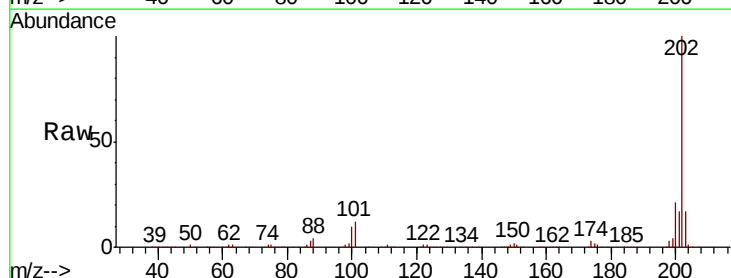
Tgt Ion:202 Resp: 507485

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

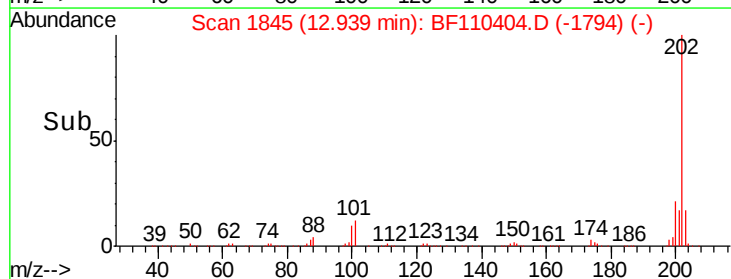
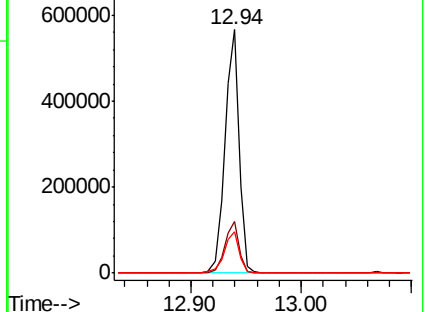
203 17.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.621 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampleId :

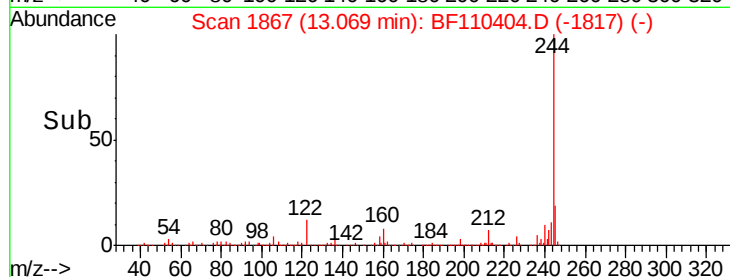
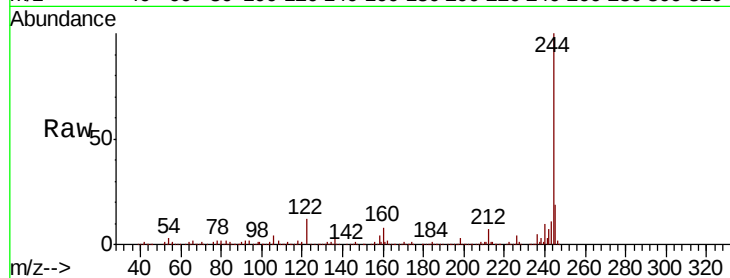
Tot Ion:244 Resp: 638625

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

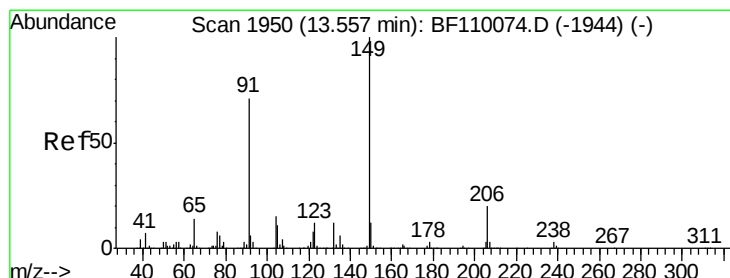
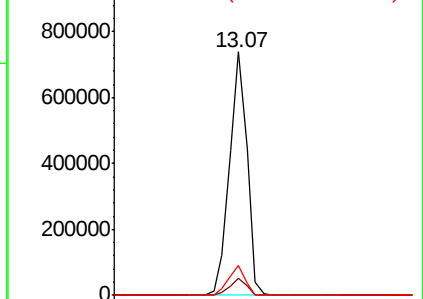
122 12.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.291 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

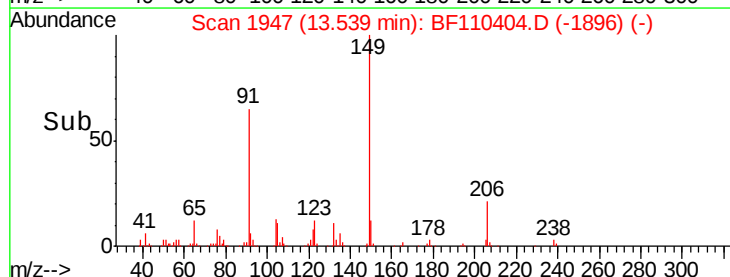
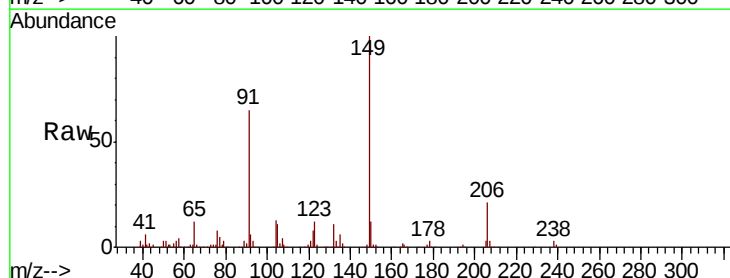
Tgt Ion:149 Resp: 206554

Ion Ratio Lower Upper

149 100

91 65.3 57.2 85.8

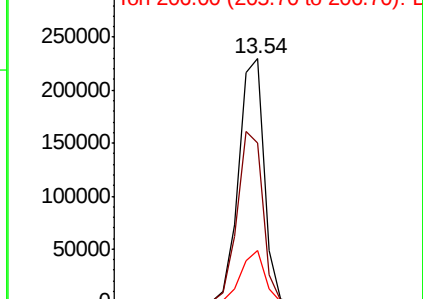
206 21.2 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.008 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampled :

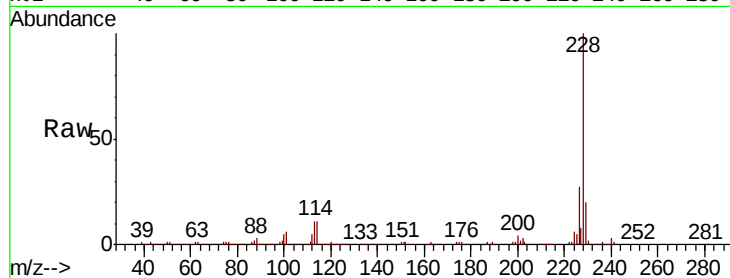
Tot Ion:228 Resp: 391184

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

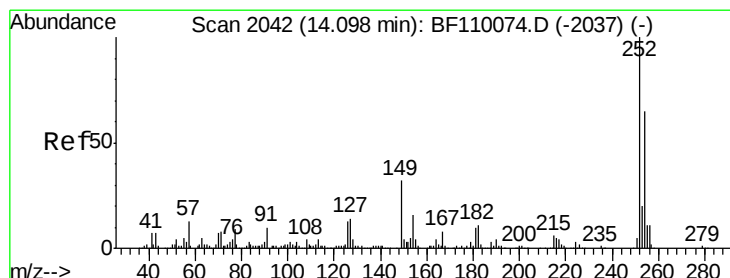
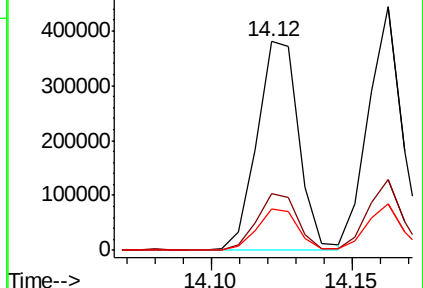
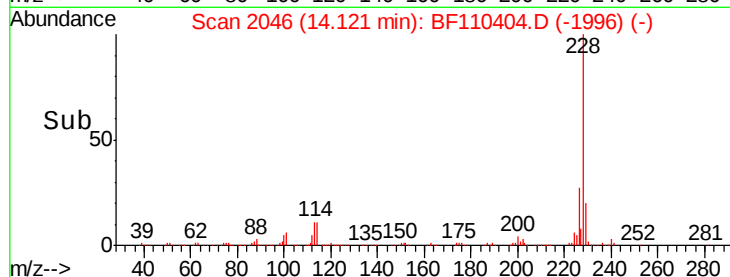
229 20.0 15.6 23.4



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: 31.119 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

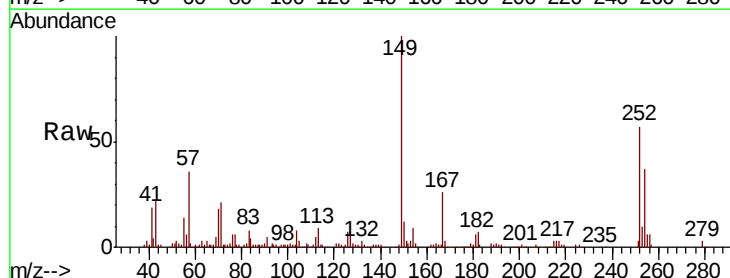
Tgt Ion:252 Resp: 94180

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

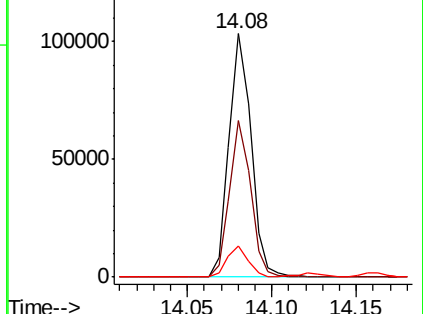
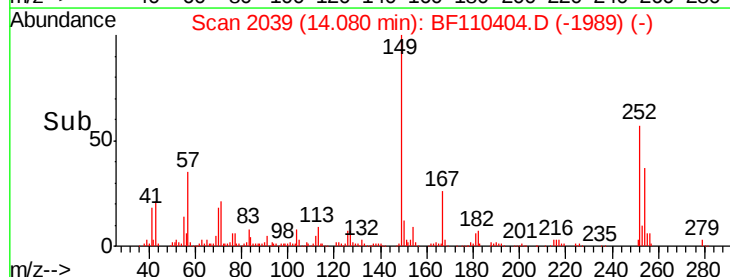
126 12.7 9.4 14.2

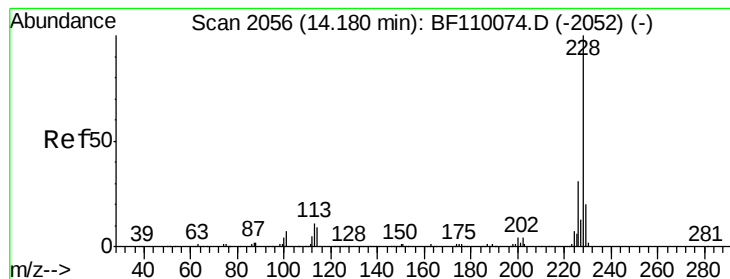


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 43.953 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

Instrument :

BNA_F

ClientSampled :

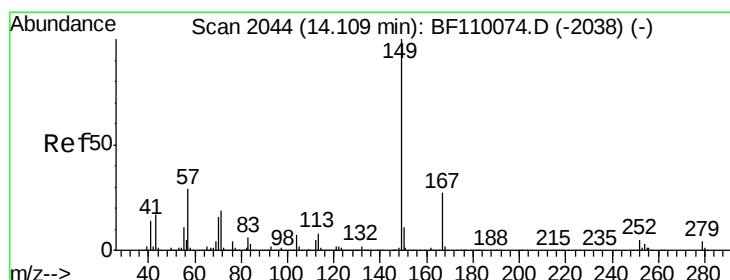
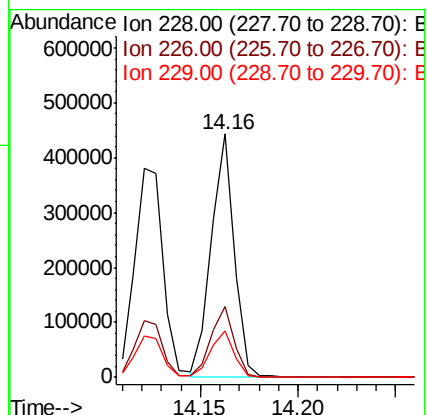
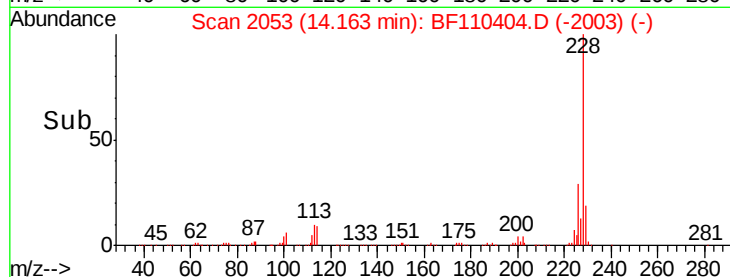
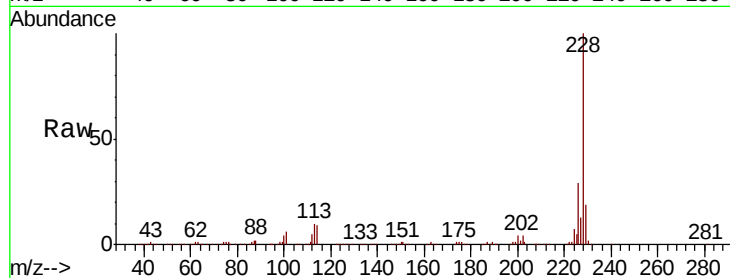
Tot Ion:228 Resp: 362840

Ion Ratio Lower Upper

228 100

226 28.9 24.7 37.1

229 19.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.801 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110404.D

Acq: 2 Nov 2018 11:41

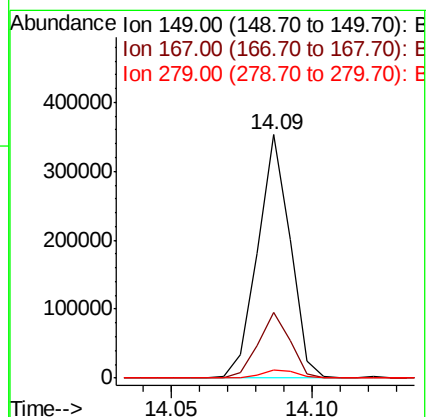
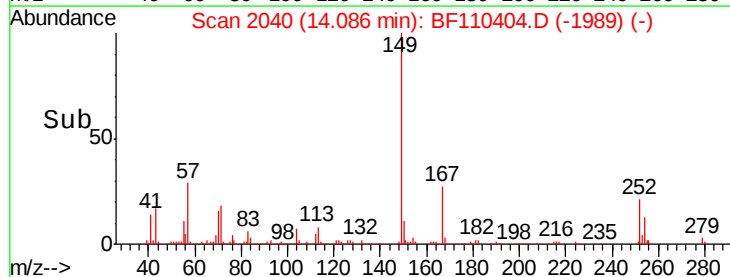
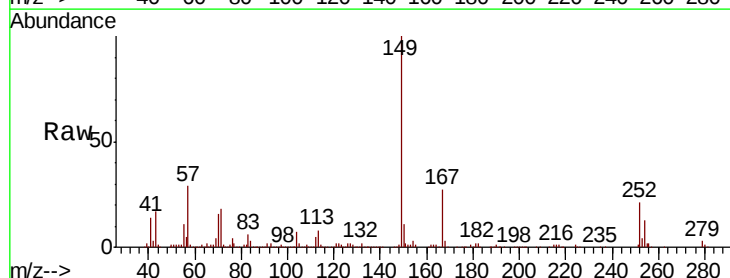
Tgt Ion:149 Resp: 282361

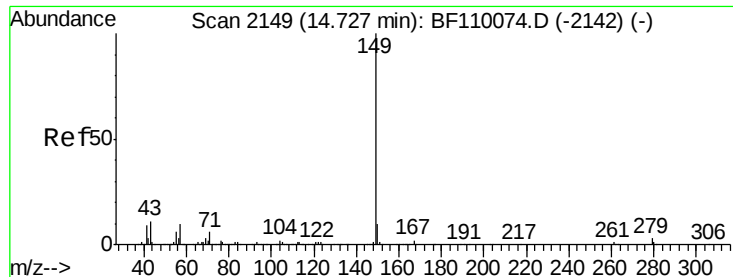
Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

279 3.4 2.7 4.1

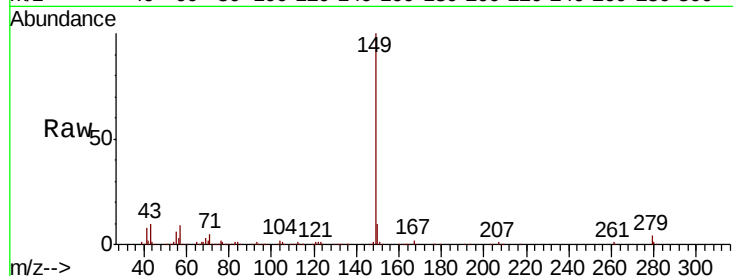




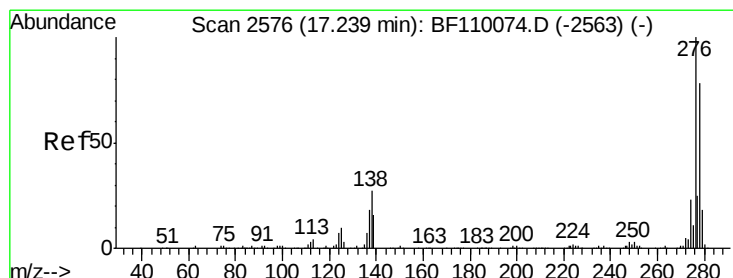
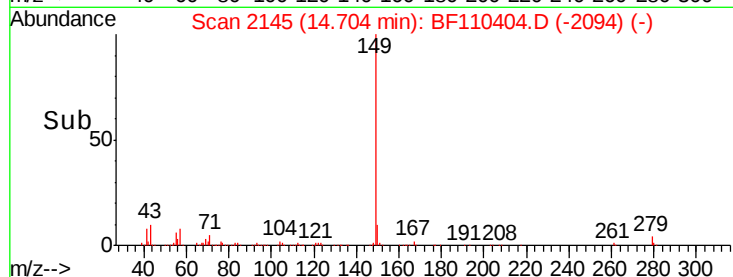
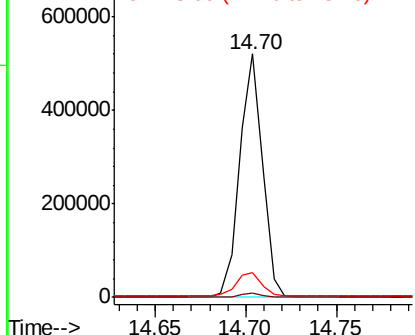
#85
Di-n-octyl phthalate
Concen: 47.534 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.5	7.8	11.8

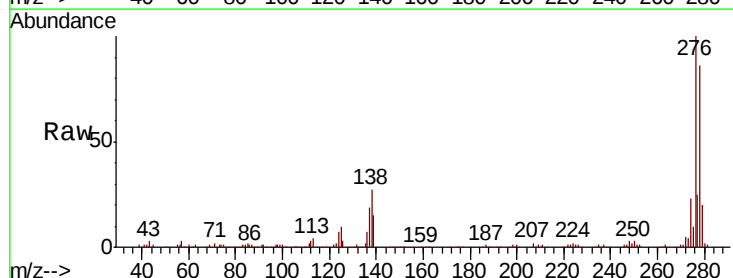


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

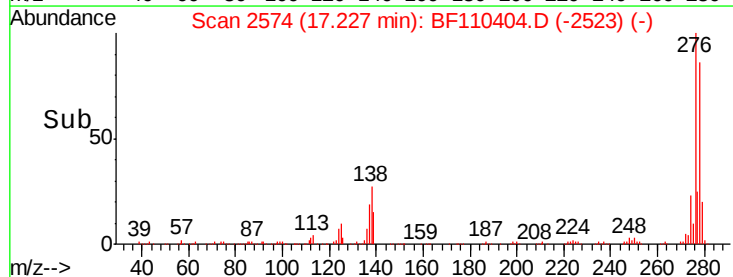
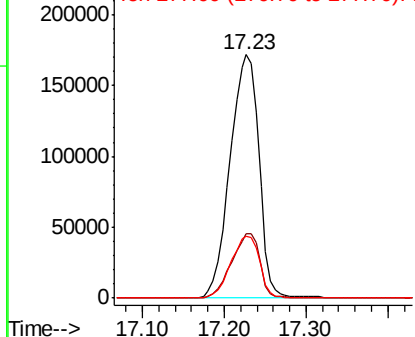


#86
Indeno(1,2,3-cd)pyrene
Concen: 61.732 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.5	27.7
277	25.3	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

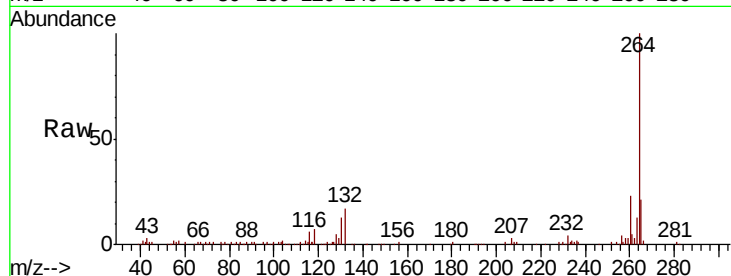




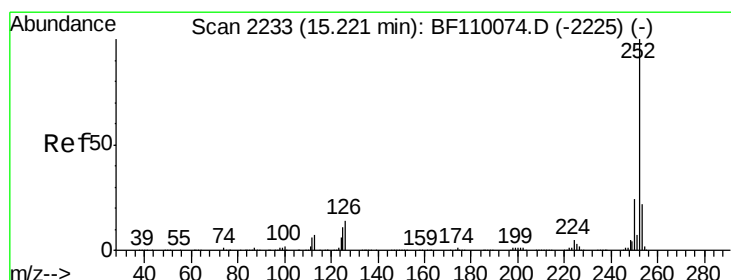
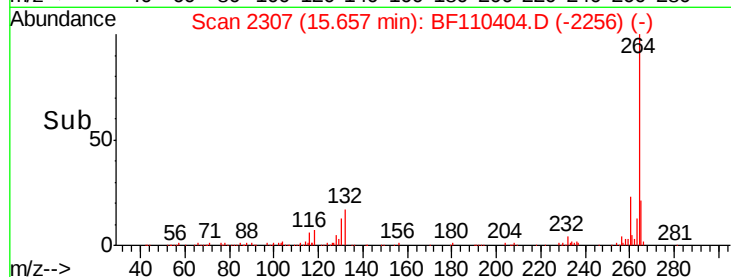
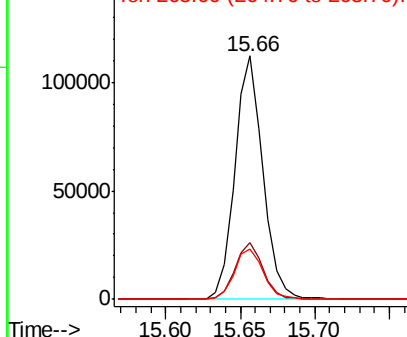
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 146398
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.7 16.7 25.1

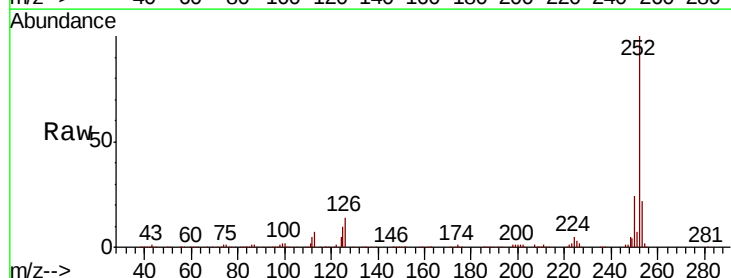


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

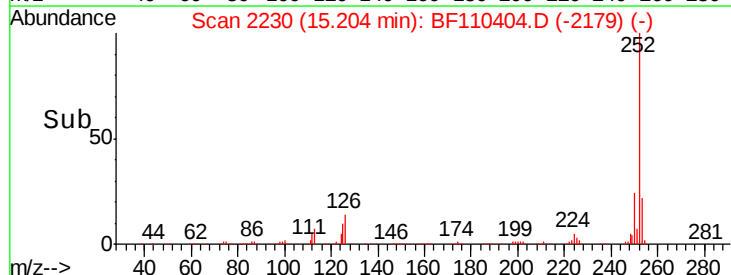
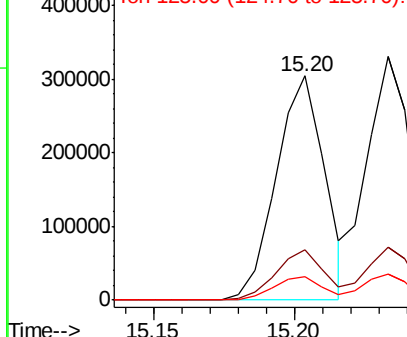


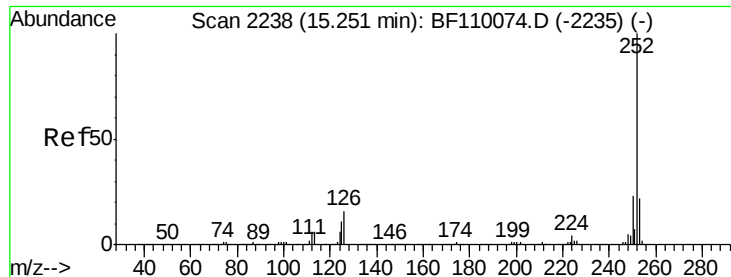
#88
Benzo(b)fluoranthene
Concen: 42.819 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:252 Resp: 361994
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.2 8.2 12.4



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

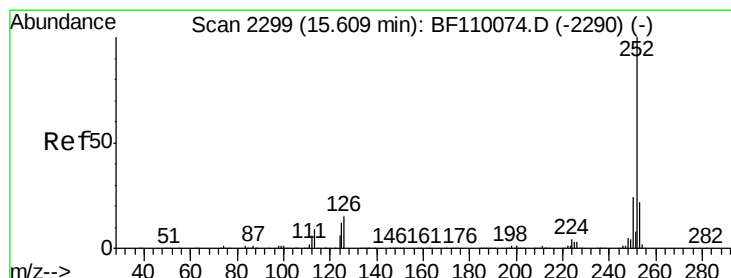
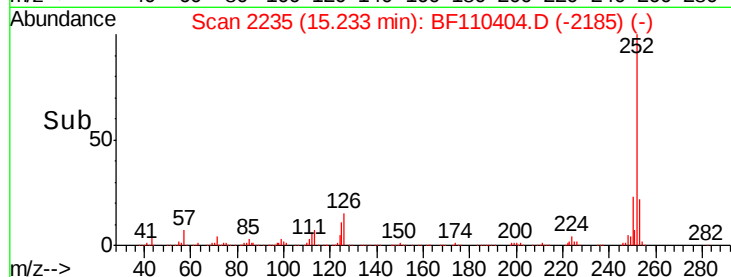
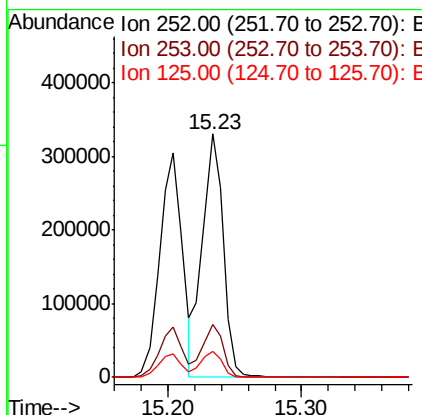
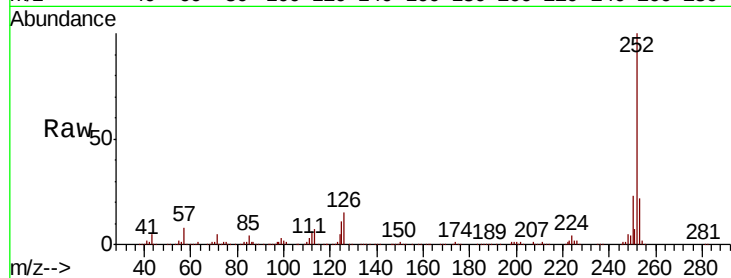




#89
Benzo(k)fluoranthene
Concen: 43.407 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

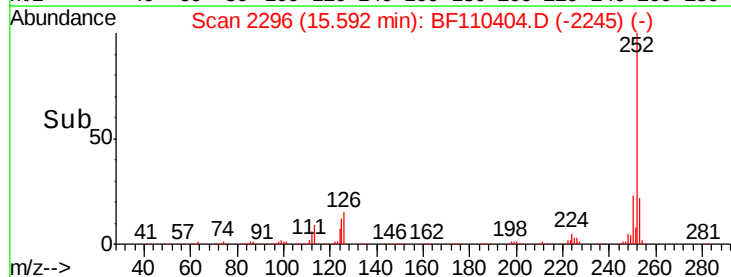
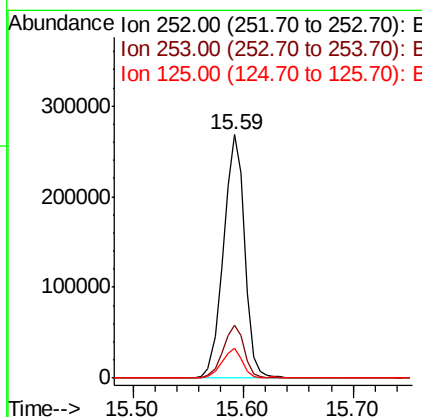
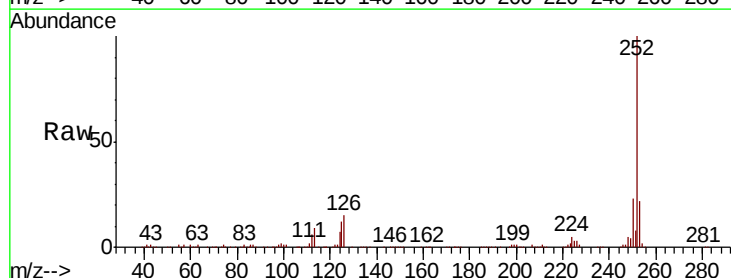
Instrument :
BNA_F
ClientSampleId :

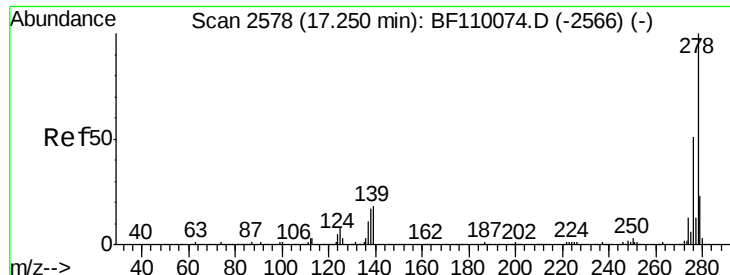
Tot Ion:252 Resp: 360761
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.420 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:252 Resp: 361100
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 12.4 9.0 13.6



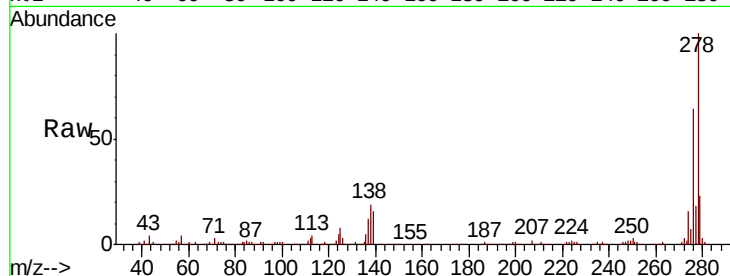


#91
Dibenzo(a,h)anthracene
Concen: 53.043 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

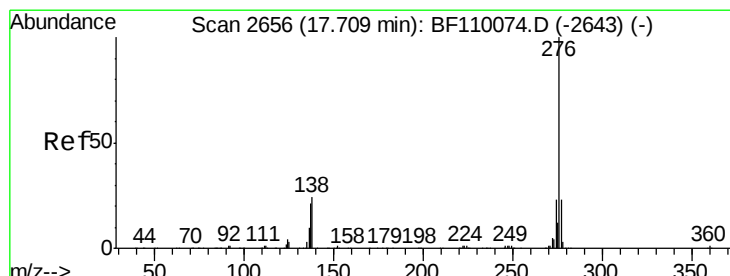
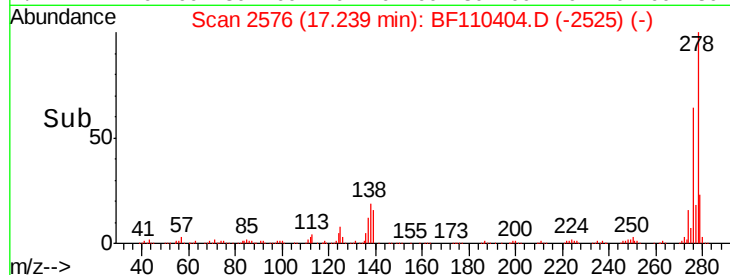
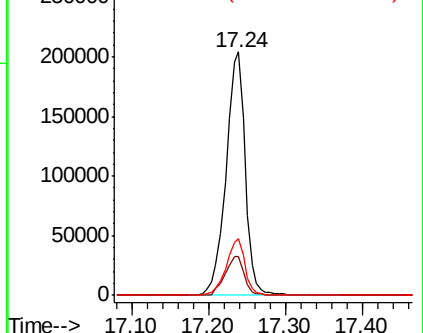
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 356035

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.1	19.0	28.4



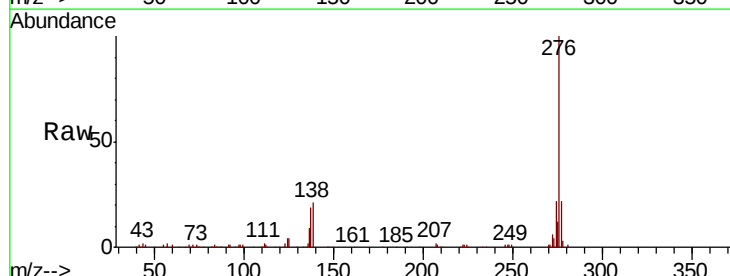
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.199 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110404.D
Acq: 2 Nov 2018 11:41

Tgt Ion:276 Resp: 351872

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.8	28.2
138	21.0	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

