

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110612.D
 Acq On : 9 Nov 2018 4:32
 Operator : JU/SJ
 Sample : PB114627BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:46:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71215	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	288131	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	123256	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	192163	20.00	ng	0.00
76) Chrysene-d12	14.13	240	149539	20.00	ng	-0.01
87) Perylene-d12	15.65	264	117009	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	376920	85.97	ng	0.00
7) Phenol-d6	6.57	99	464587	82.87	ng	0.00
23) Nitrobenzene-d5	7.51	82	422618	84.47	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	92626	74.58	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	790617	91.61	ng	0.00
79) Terphenyl-d14	13.06	244	506790	63.47	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.85	88	60315	27.61	ng	89
3) Pyridine	3.62	79	175169	37.15	ng	# 85
4) n-Nitrosodimethylamine	3.58	42	90732	44.85	ng	90
6) Aniline	6.61	93	109394	14.96	ng	# 53
8) 2-Chlorophenol	6.73	128	205084	39.90	ng	96
9) Benzaldehyde	6.50	77	111631	36.14	ng	99
10) Phenol	6.59	94	245767	37.80	ng	# 63
11) bis(2-Chloroethyl)ether	6.67	93	184190	37.81	ng	93
12) 1,3-Dichlorobenzene	6.89	146	211506	37.61	ng	98
13) 1,4-Dichlorobenzene	6.96	146	213427	37.37	ng	98
14) 1,2-Dichlorobenzene	7.12	146	201794	37.99	ng	99
15) Benzyl Alcohol	7.09	79	172961	39.42	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	298634	39.03	ng	71
17) 2-Methylphenol	7.19	107	163777	40.04	ng	# 81
18) Hexachloroethane	7.45	117	74626	35.40	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	137292	38.36	ng	96
20) 3+4-Methylphenols	7.35	107	208095	39.63	ng	# 88
22) Acetophenone	7.36	105	277760	41.36	ng	97
24) Nitrobenzene	7.53	77	207346	40.45	ng	98
25) Isophorone	7.76	82	368778	44.97	ng	96
26) 2-Nitrophenol	7.85	139	97180	38.00	ng	97
27) 2,4-Dimethylphenol	7.87	122	181242	46.54	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	234511	42.24	ng	98
29) 2,4-Dichlorophenol	8.08	162	160970	40.17	ng	97
30) 1,2,4-Trichlorobenzene	8.17	180	175701	38.89	ng	95
31) Naphthalene	8.25	128	570441	42.17	ng	99
32) Benzoic acid	7.97	122	36978	13.42	ng	93
33) 4-Chloroaniline	8.30	127	59085	9.64	ng	96
34) Hexachlorobutadiene	8.36	225	97584	37.81	ng	98
35) Caprolactam	8.66	113	22593	16.87	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	170452	39.44	ng	95
37) 2-Methylnaphthalene	8.94	142	387553	43.71	ng	99
38) 1-Methylnaphthalene	9.04	142	359979	42.21	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	161239	41.33	ng	99

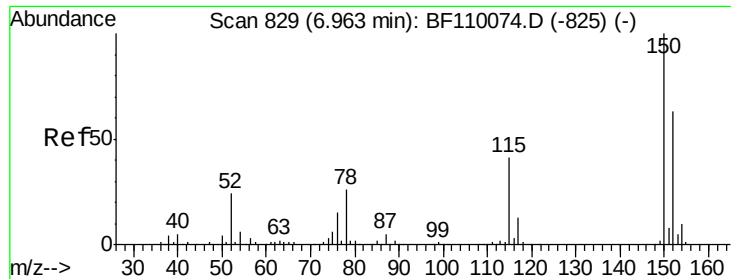
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110612.D
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 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	45132	34.47	ng	97
43) 2,4,6-Trichlorophenol	9.22	196	100381	40.94	ng	91
44) 2,4,5-Trichlorophenol	9.26	196	109129	41.73	ng	95
46) 1,1'-Biphenyl	9.40	154	463909	40.35	ng	99
47) 2-Chloronaphthalene	9.43	162	341314	41.20	ng	99
48) 2-Nitroaniline	9.53	65	107972	42.30	ng	90
49) Acenaphthylene	9.85	152	519817	43.57	ng	99
50) Dimethylphthalate	9.70	163	404576	43.99	ng	98
51) 2,6-Dinitrotoluene	9.77	165	83756	41.40	ng	99
52) Acenaphthene	10.02	154	310973	41.25	ng	98
53) 3-Nitroaniline	9.94	138	48051	20.50	ng	93
54) 2,4-Dinitrophenol	10.06	184	12478	19.27	ng	95
55) Dibenzofuran	10.19	168	447293	40.55	ng	97
56) 4-Nitrophenol	10.11	139	156998	100.96	ng	92
57) 2,4-Dinitrotoluene	10.18	165	104647	39.78	ng	89
58) Fluorene	10.54	166	344579	40.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79214	38.50	ng	94
60) Diethylphthalate	10.40	149	377952	41.54	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	169005	38.53	ng	98
62) 4-Nitroaniline	10.56	138	71327	30.22	ng	94
63) Azobenzene	10.69	77	353353	39.80	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	12357	12.76	ng	97
66) n-Nitrosodiphenylamine	10.65	169	302905	46.77	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	93992	44.26	ng	96
68) Hexachlorobenzene	11.09	284	92487	41.30	ng	94
69) Atrazine	11.17	200	94194	47.56	ng	98
70) Pentachlorophenol	11.29	266	73482	61.50	ng	98
71) Phenanthrene	11.50	178	444179	43.14	ng	99
72) Anthracene	11.56	178	458404	44.14	ng	98
73) Carbazole	11.71	167	394322	39.54	ng	100
74) Di-n-butylphthalate	12.02	149	529086	45.24	ng	98
75) Fluoranthene	12.70	202	415265	40.23	ng	99
77) Benzidine	12.82	184	254291	61.84	ng	97
78) Pyrene	12.93	202	428131	37.18	ng	97
80) Butylbenzylphthalate	13.53	149	194154	39.18	ng	97
81) Benzo(a)anthracene	14.12	228	384242	42.99	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	108950	36.39	ng	100
83) Chrysene	14.16	228	361175	42.41	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	264040	42.95	ng	96
85) Di-n-octyl phthalate	14.69	149	471122	52.11	ng	99
86) Indeno(1,2,3-cd)pyrene	17.22	276	260405	42.62	ng	98
88) Benzo(b)fluoranthene	15.20	252	342378	48.91	ng	99
89) Benzo(k)fluoranthene	15.20	252	342378	49.50	ng	99
90) Benzo(a)pyrene	15.59	252	287608	45.22	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	222439	41.33	ng	98
92) Benzo(g,h,i)perylene	17.69	276	206478	38.67	ng	98

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

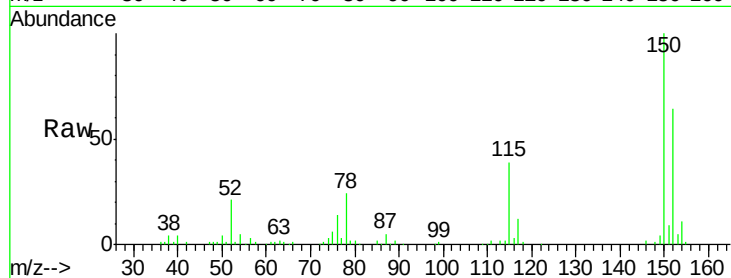


#1

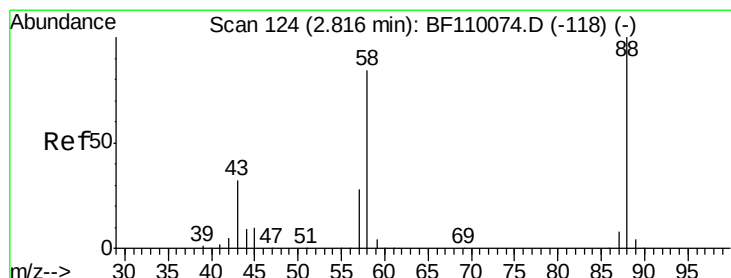
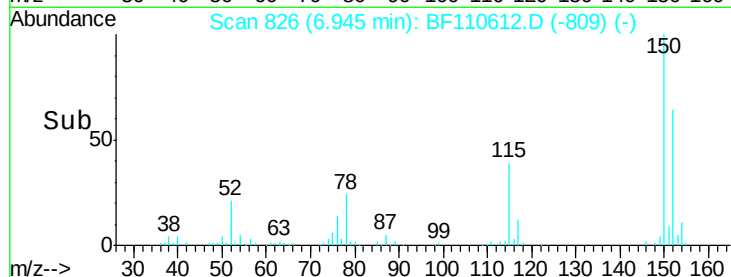
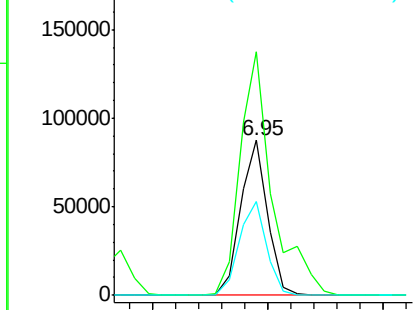
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71215
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 60.5 49.1 73.7



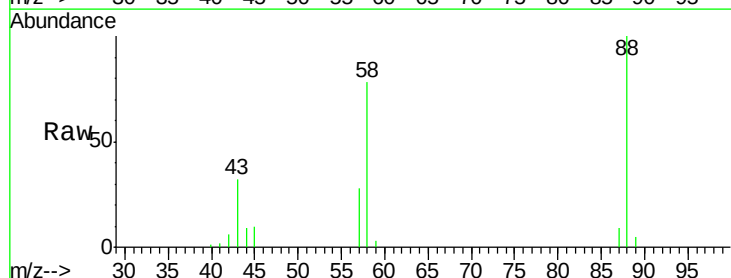
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



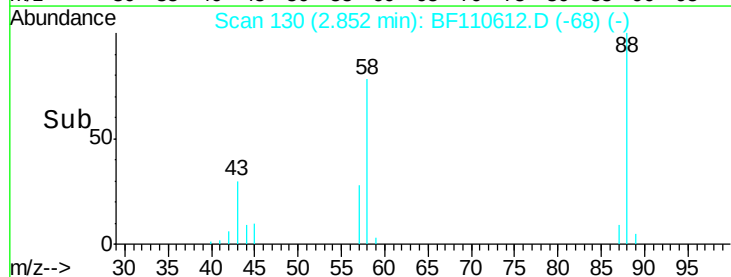
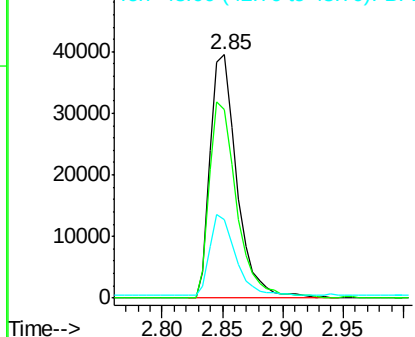
#2

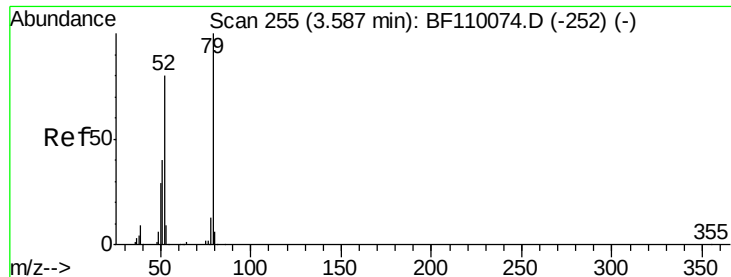
1,4-Dioxane
Concen: 27.61 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.06 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion: 88 Resp: 60315
Ion Ratio Lower Upper
88 100
58 82.7 57.1 85.7
43 32.2 24.1 36.1



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





#3

Pvridine

Concen: 37.15 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

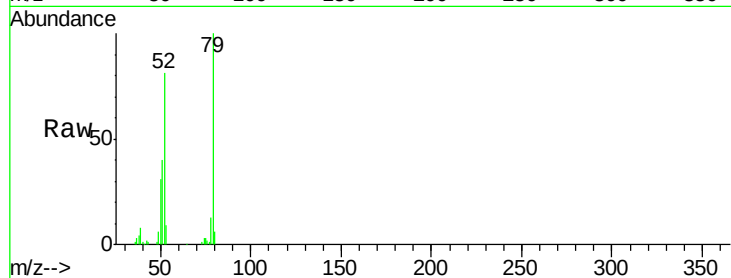
Tot Ion: 79 Resp: 175169

Ion Ratio Lower Upper

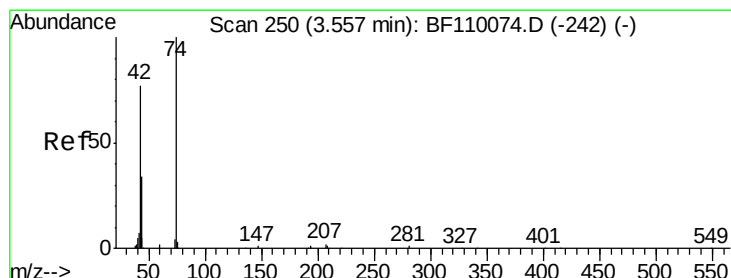
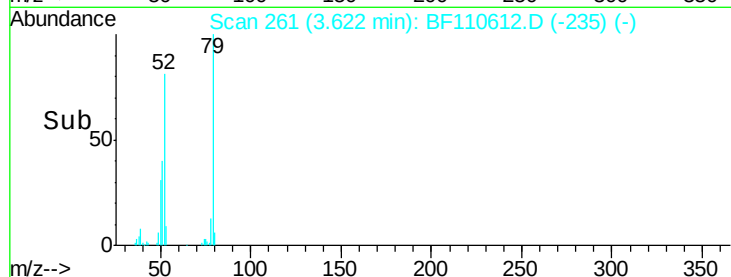
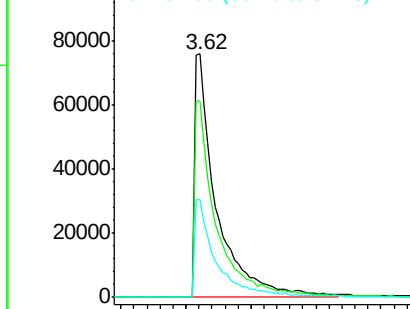
79 100

52 80.7 53.1 79.7#

51 40.1 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: 44.85 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.05 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

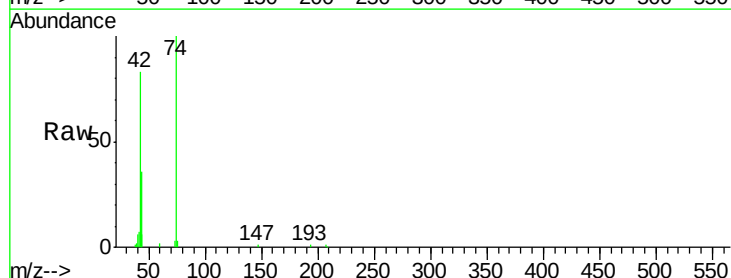
Tgt Ion: 42 Resp: 90732

Ion Ratio Lower Upper

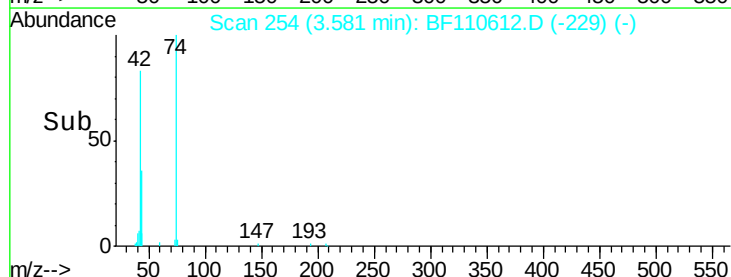
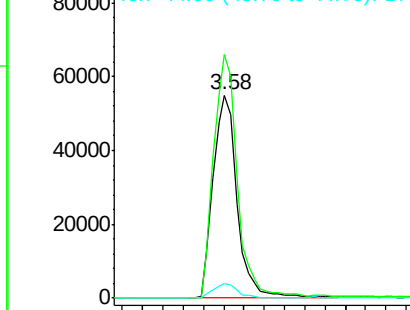
42 100

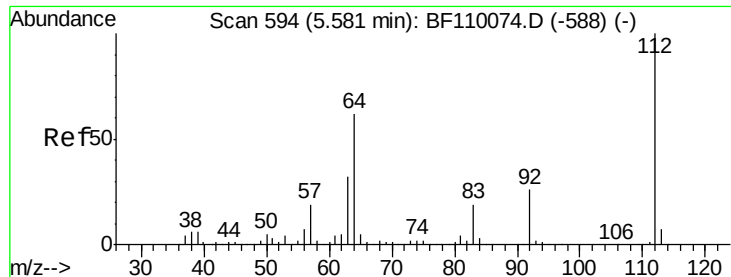
74 119.9 105.5 158.3

44 7.2 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: 85.97 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

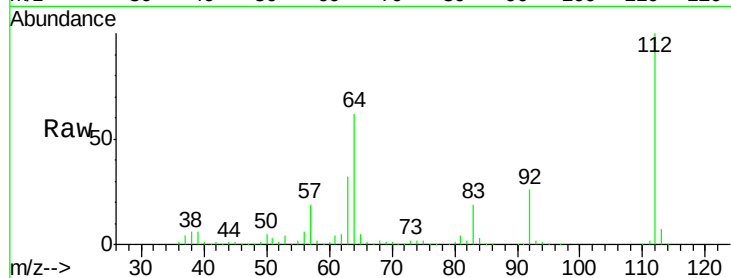
Tot Ion: 112 Resp: 376920

Ion Ratio Lower Upper

112 100

64 61.5 44.1 66.1

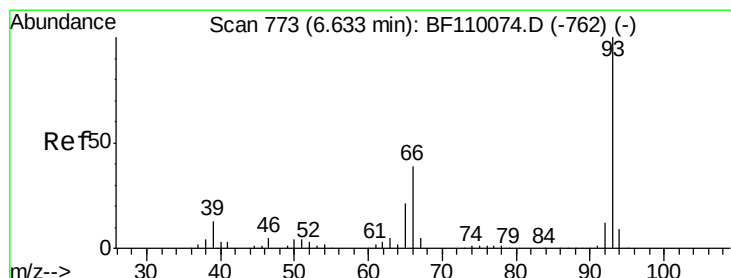
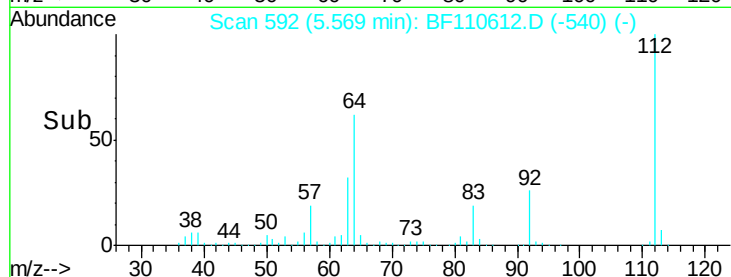
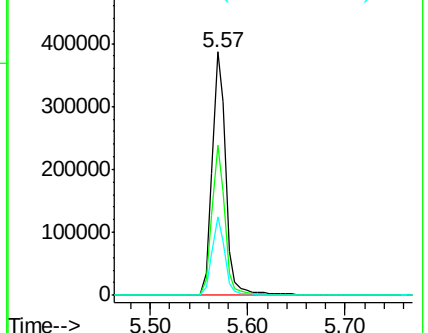
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.96 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

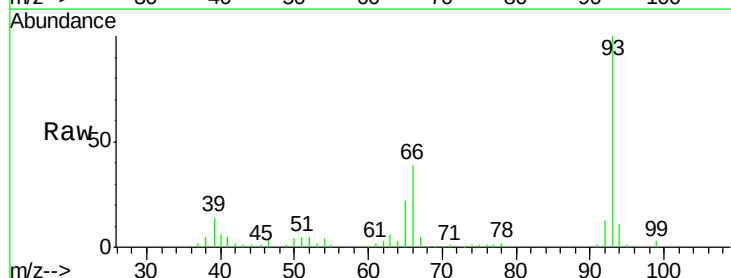
Tgt Ion: 93 Resp: 109394

Ion Ratio Lower Upper

93 100

66 39.4 67.4 101.0#

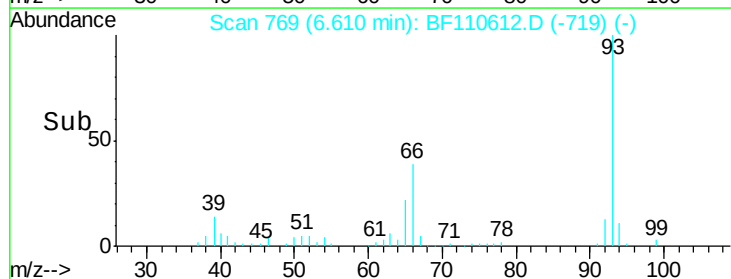
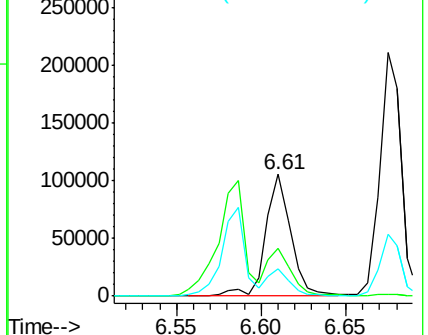
65 22.0 41.0 61.4#

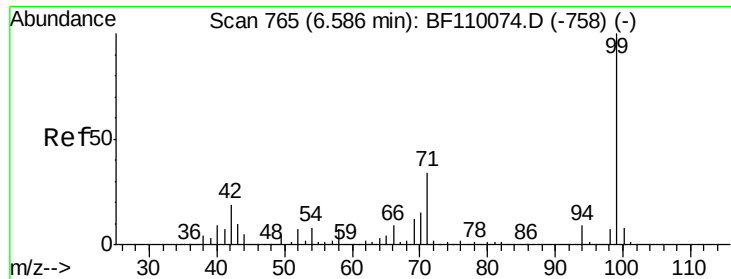


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.87 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

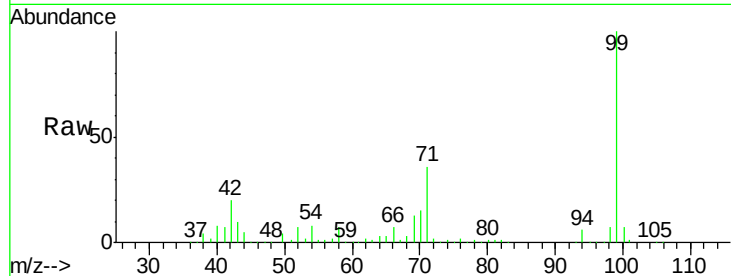
Tot Ion: 99 Resp: 464587

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

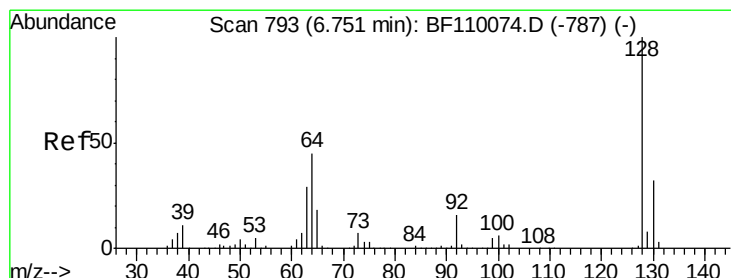
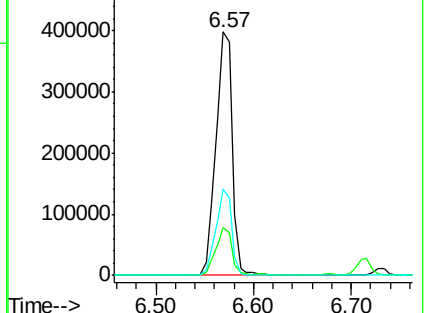
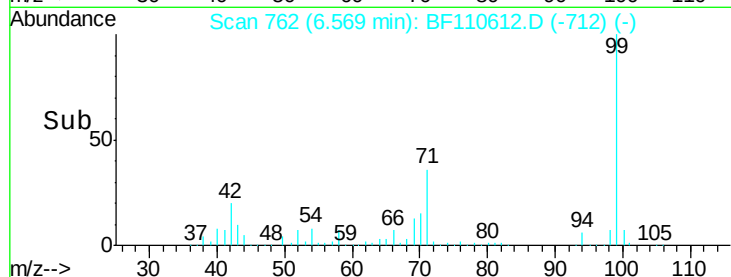
71 35.6 28.0 42.0



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: 39.90 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

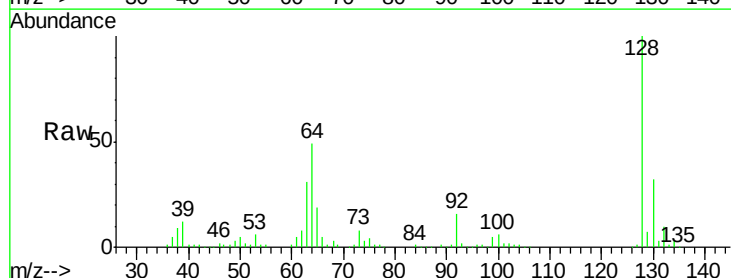
Tgt Ion: 128 Resp: 205084

Ion Ratio Lower Upper

128 100

130 31.8 13.1 53.1

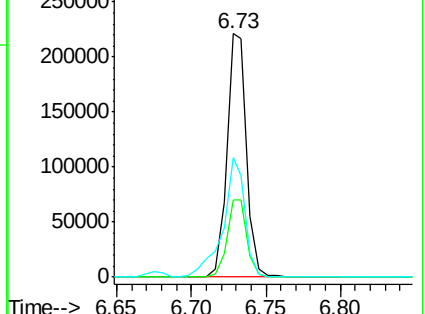
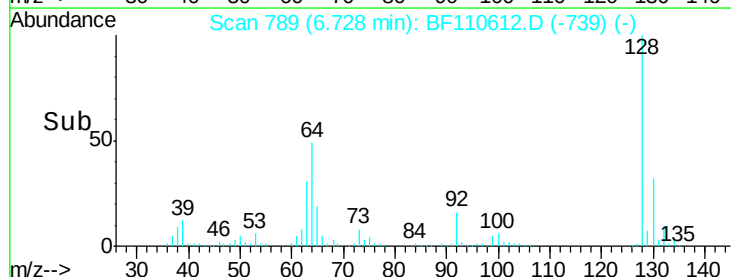
64 49.1 26.0 66.0

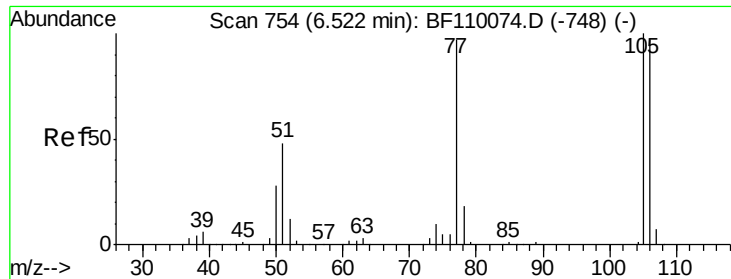


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.14 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

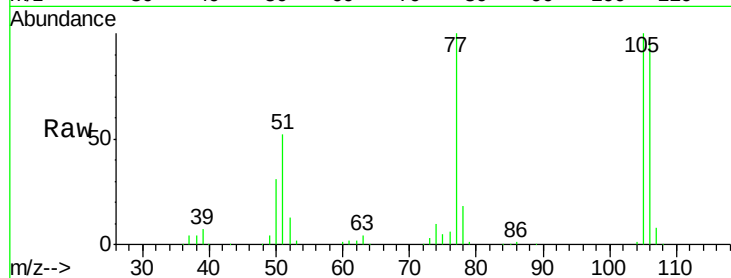
Tot Ion: 77 Resp: 111631

Ion Ratio Lower Upper

77 100

105 100.3 78.6 118.6

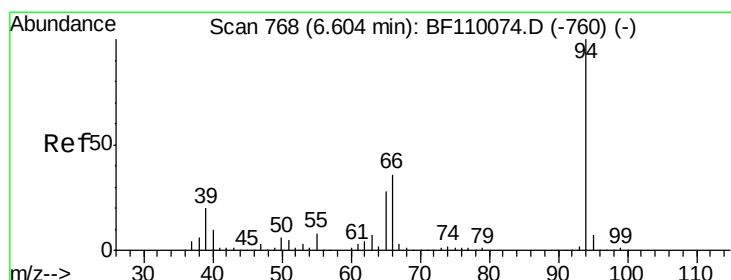
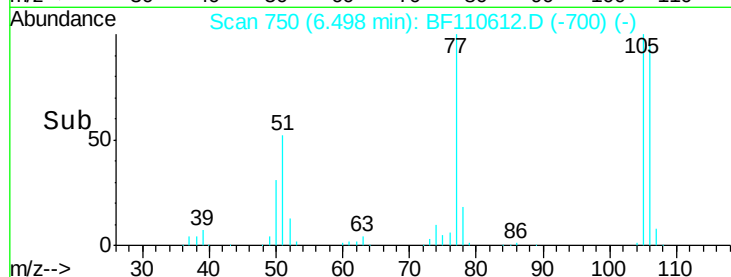
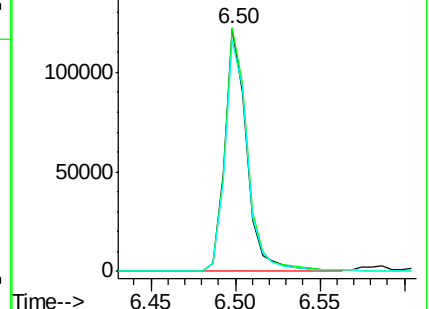
106 95.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.80 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

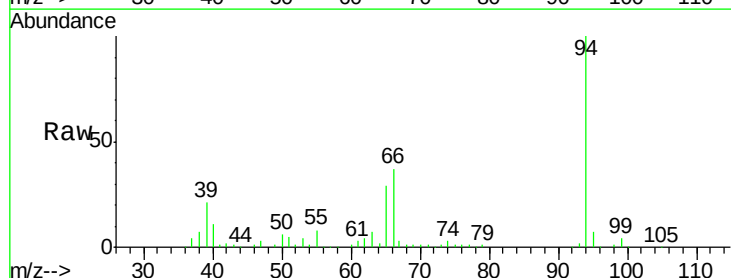
Tgt Ion: 94 Resp: 245767

Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

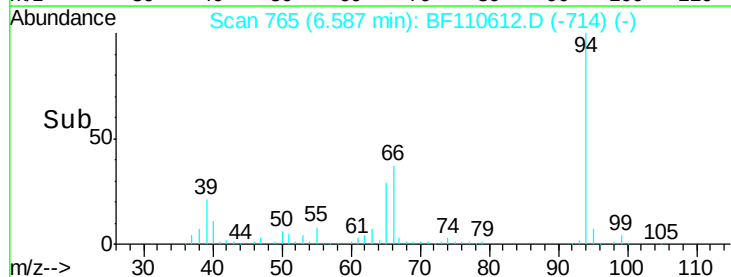
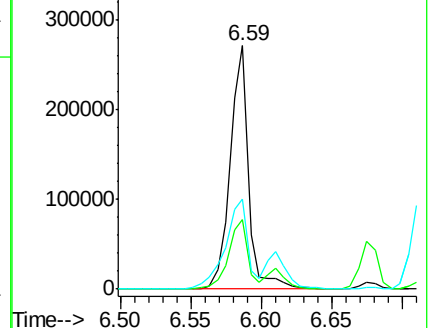
66 37.2 54.5 94.5#

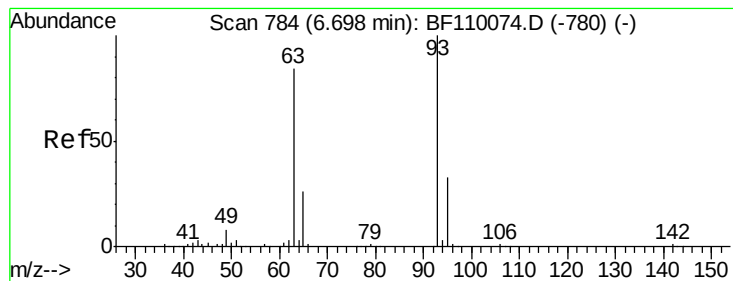


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

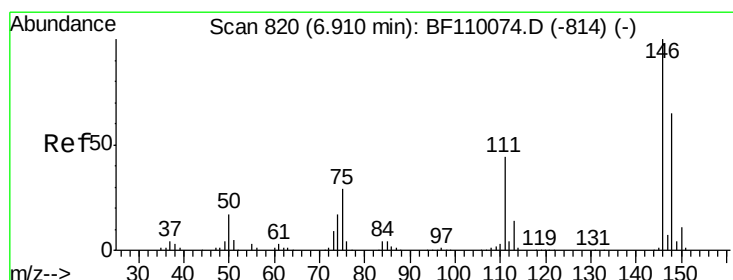
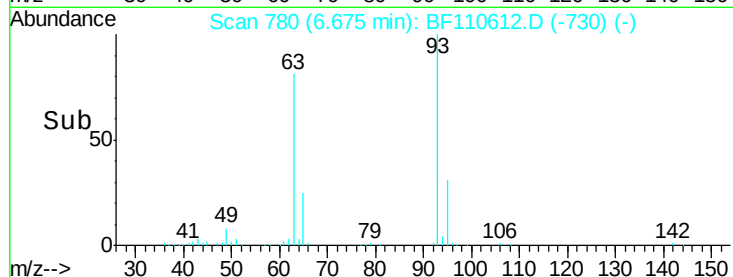
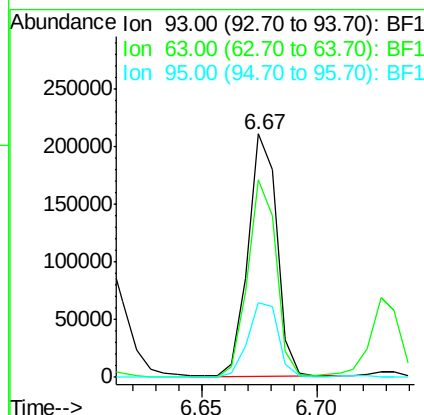
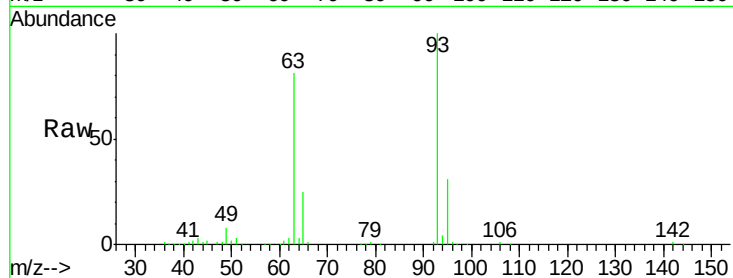




#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

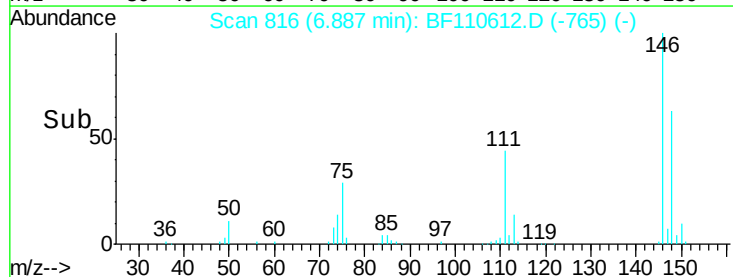
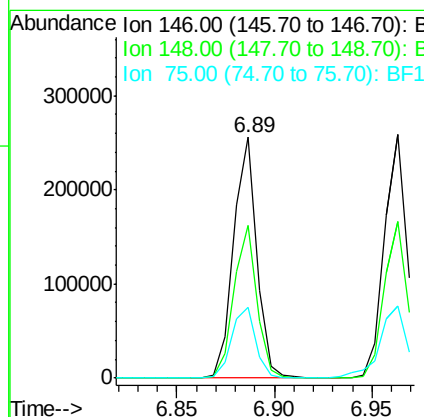
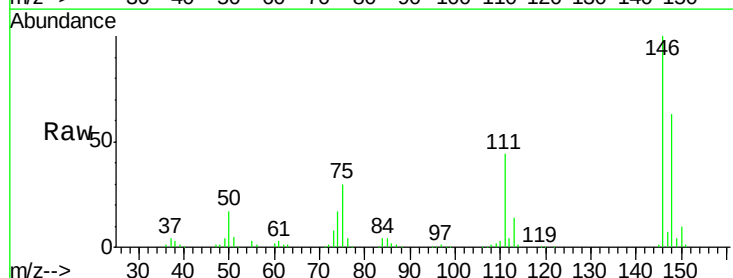
Instrument :
BNA_F
ClientSampleId :

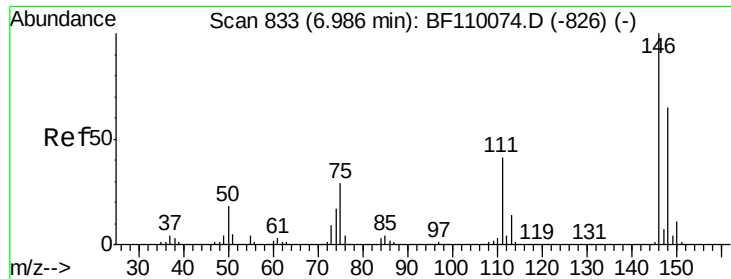
Tot Ion: 93 Resp: 184190
Ion Ratio Lower Upper
93 100
63 81.4 53.4 93.4
95 30.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.61 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion: 146 Resp: 211506
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
75 29.6 25.8 38.6

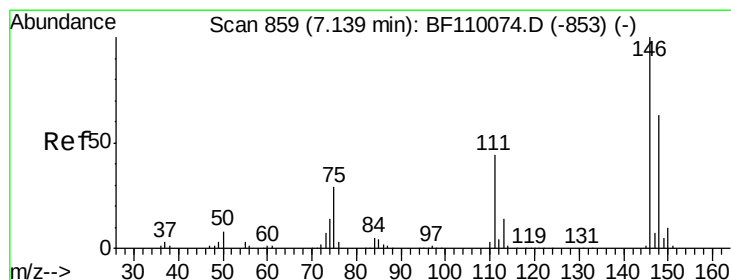
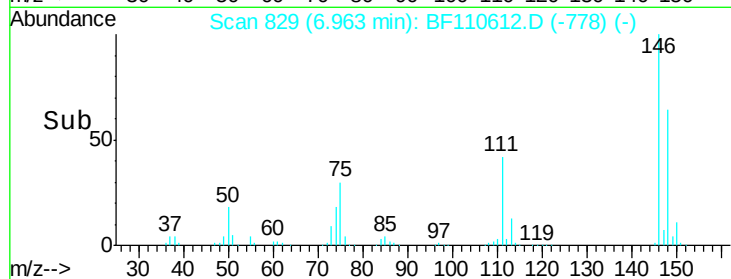
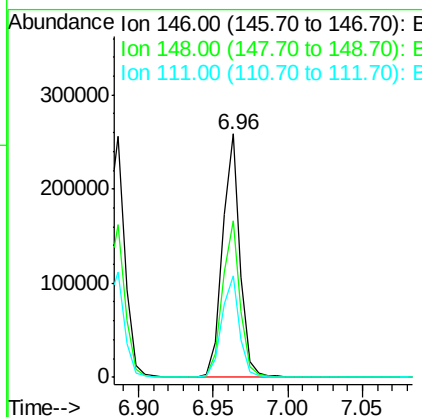
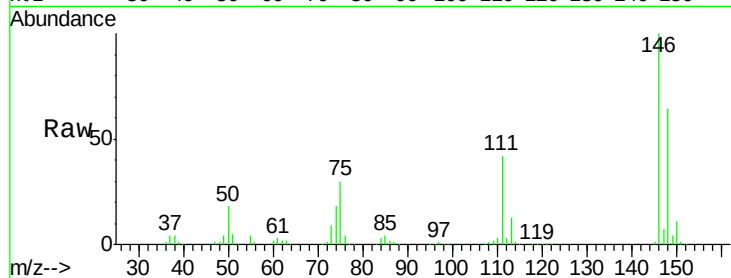




#13
 1,4-Dichlorobenzene
 Concen: 37.37 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

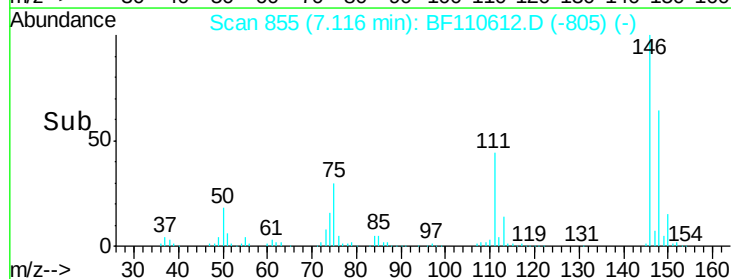
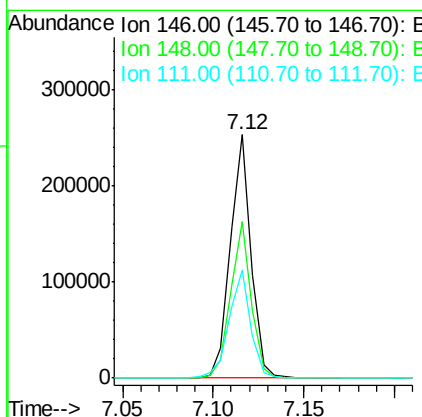
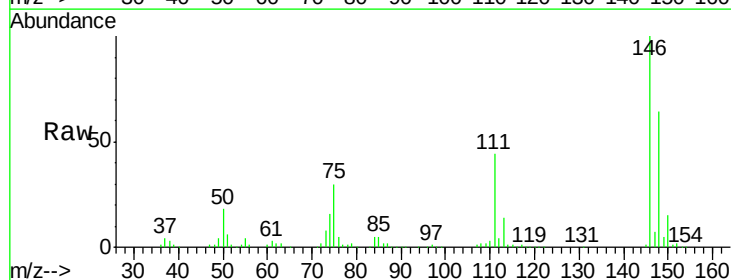
Instrument :
 BNA_F
 ClientSampleId :

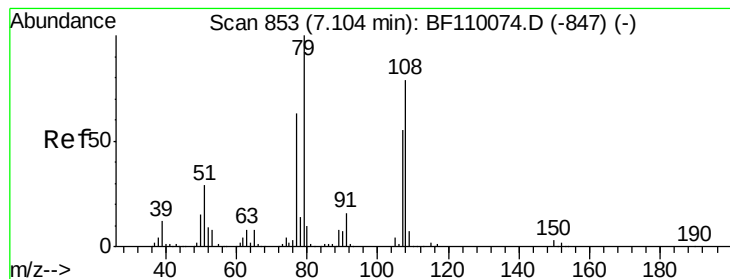
Tot Ion:146 Resp: 213427
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 111 41.8 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 37.99 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:146 Resp: 201794
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 44.1 35.8 53.6





#15

Benzyl Alcohol

Concen: 39.42 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampled :

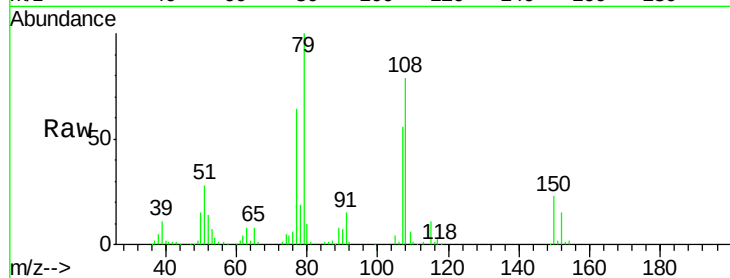
Tot Ion: 79 Resp: 172961

Ion Ratio Lower Upper

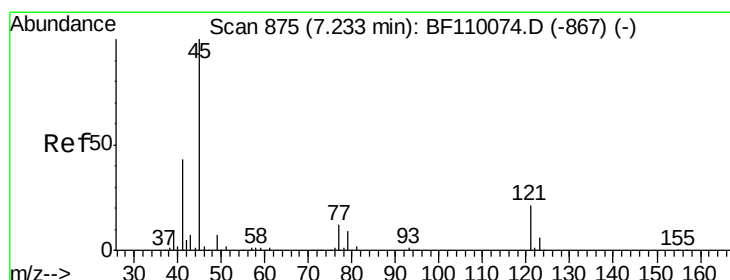
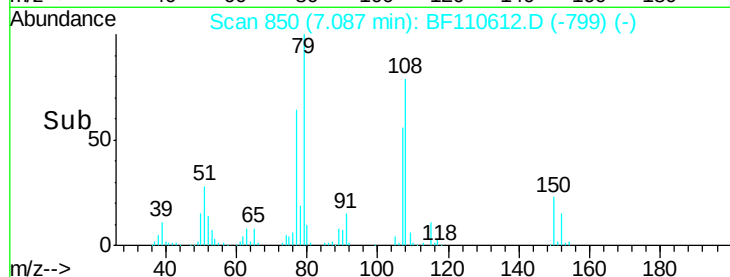
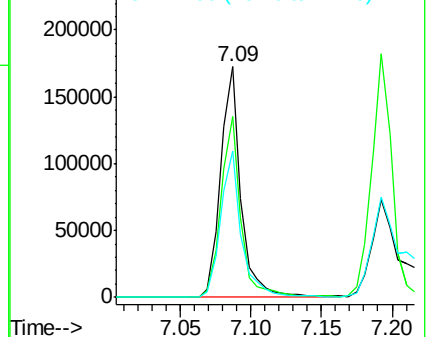
79 100

108 78.6 56.3 84.5

77 63.6 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.03 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

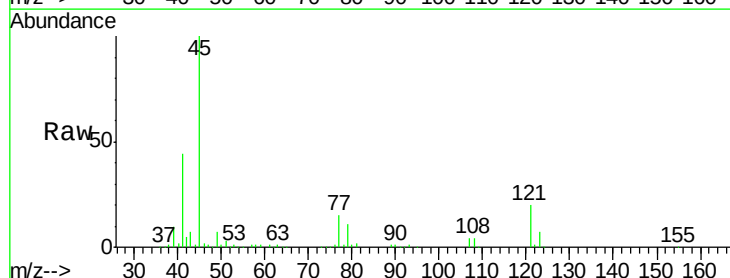
Tgt Ion: 45 Resp: 298634

Ion Ratio Lower Upper

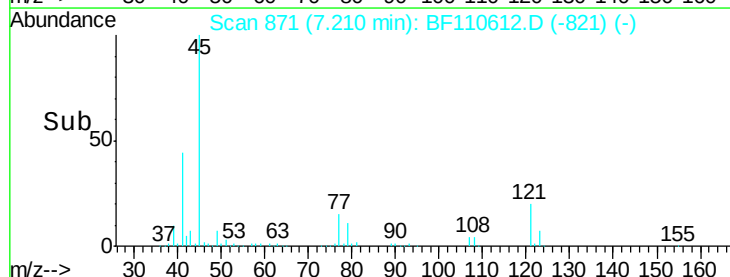
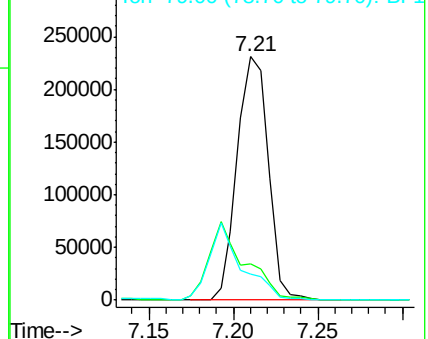
45 100

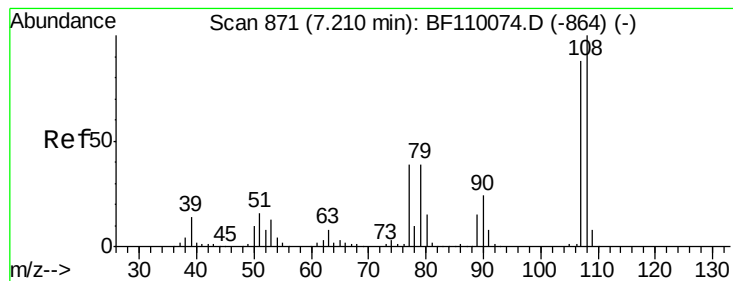
77 14.7 10.0 50.0

79 10.8 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

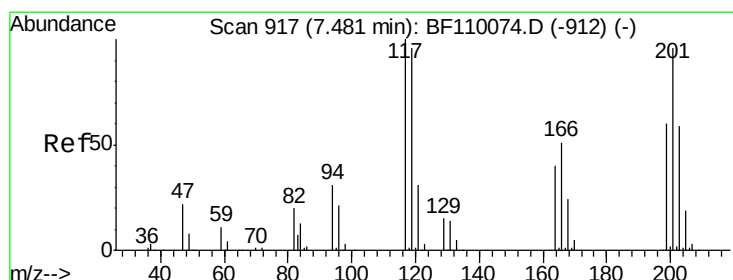
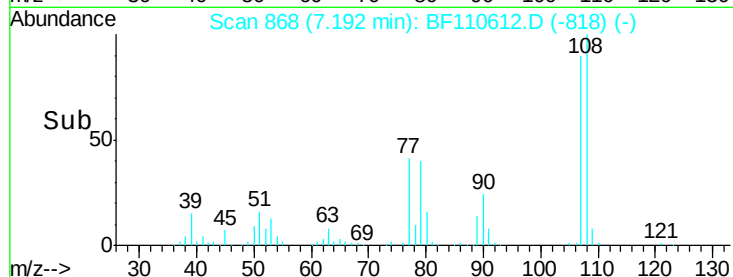
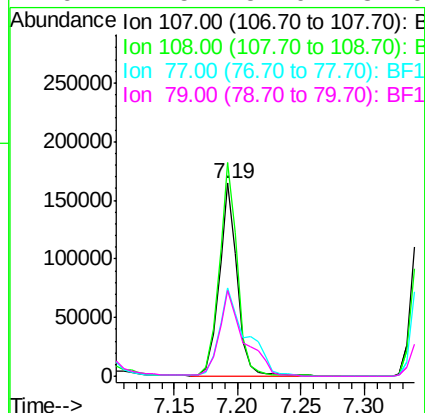
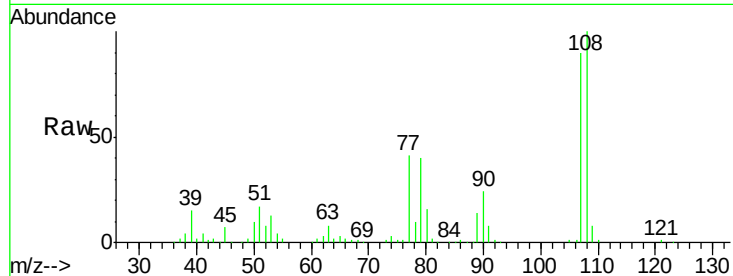




#17
2-Methylphenol
Concen: 40.04 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

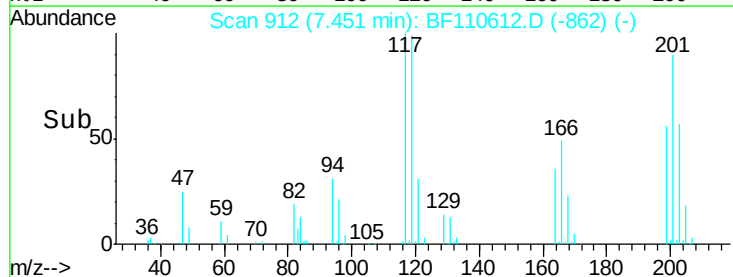
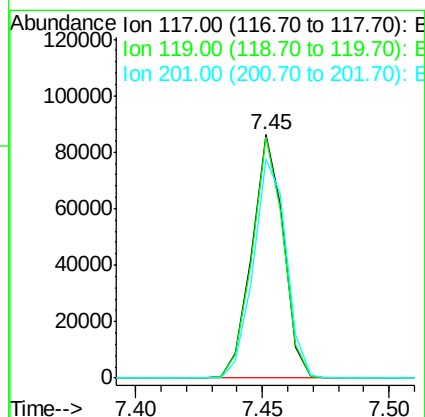
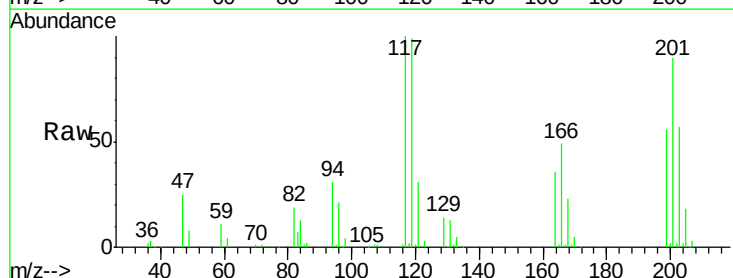
Instrument :
BNA_F
ClientSampleID :

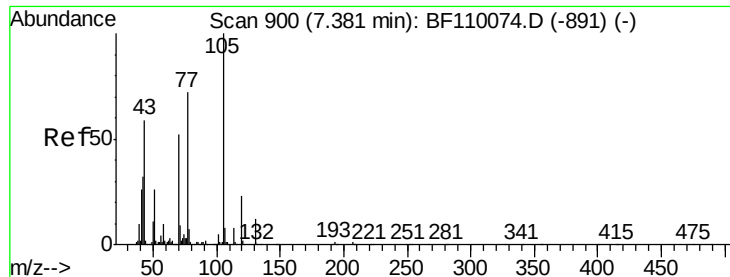
Tot Ion:107 Resp: 163777
Ion Ratio Lower Upper
107 100
108 110.6 92.6 138.8
77 45.5 59.4 89.2#
79 44.5 54.0 81.0#



#18
Hexachloroethane
Concen: 35.40 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:117 Resp: 74626
Ion Ratio Lower Upper
117 100
119 98.8 75.0 112.6
201 90.0 79.2 118.8

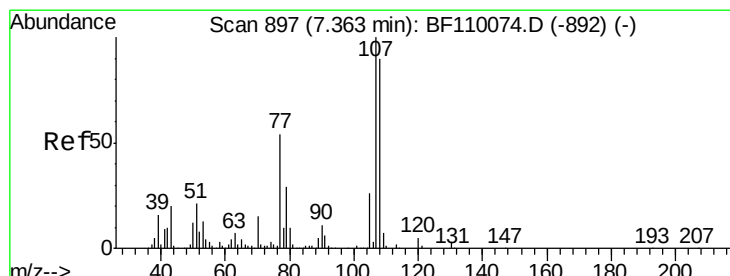
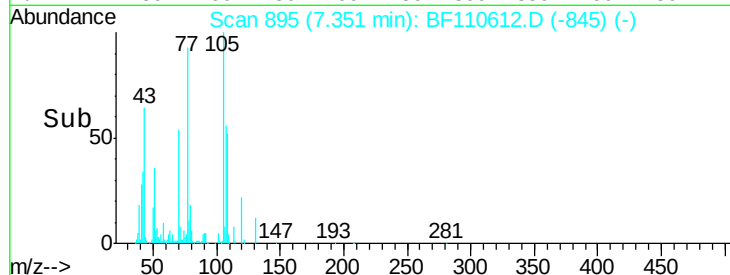
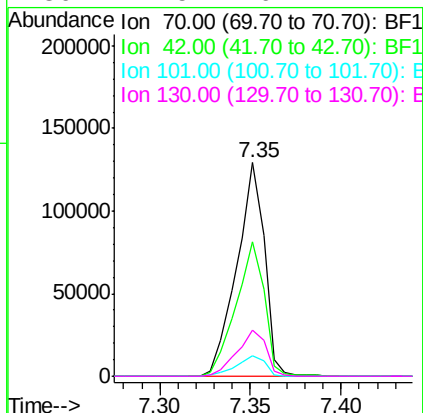
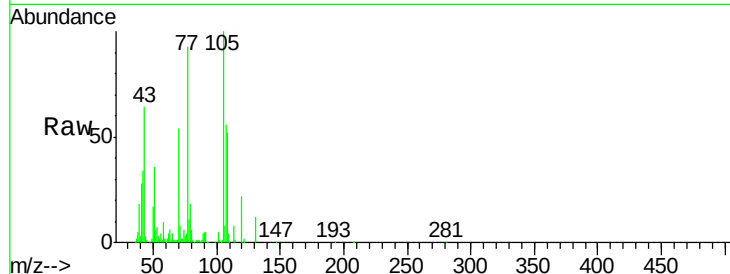




#19
n-Nitroso-di-n-propylamine
Concen: 38.36 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

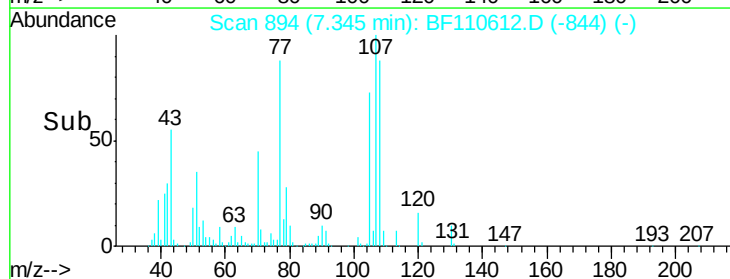
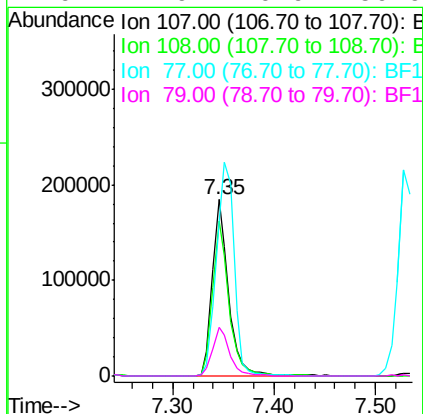
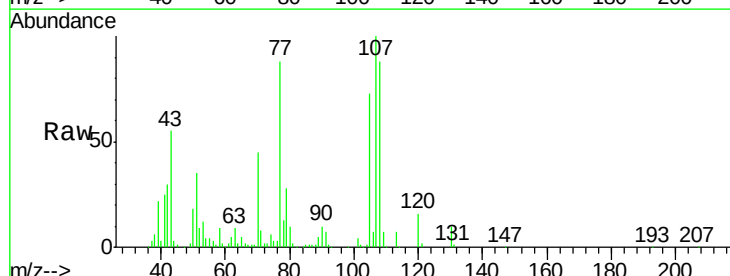
Instrument :
BNA_F
ClientSampleId :

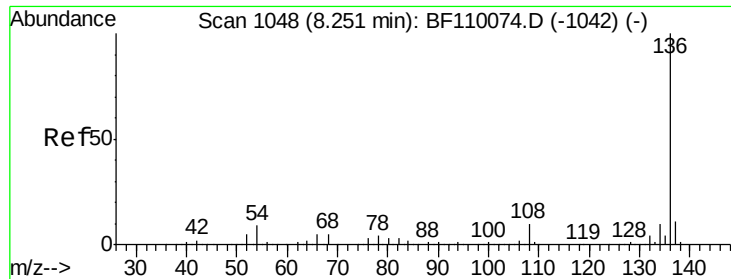
Tot Ion: 70 Resp: 137292
Ion Ratio Lower Upper
70 100
42 63.0 47.4 71.2
101 9.7 7.3 10.9
130 21.5 16.2 24.2



#20
3+4-Methylphenols
Concen: 39.63 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion: 107 Resp: 208095
Ion Ratio Lower Upper
107 100
108 87.9 71.4 111.4
77 88.3 47.3 87.3#
79 27.9 10.9 50.9

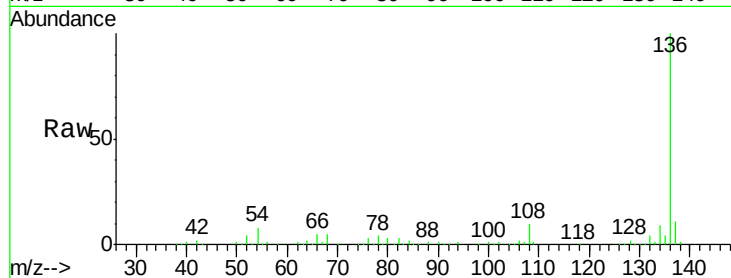




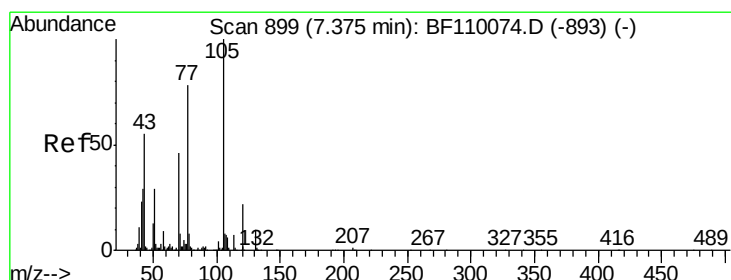
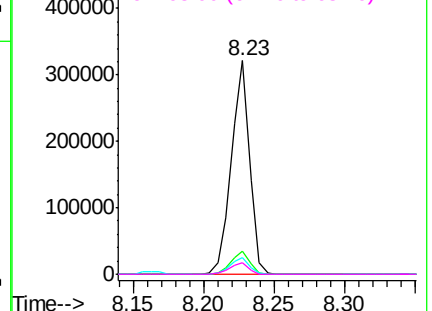
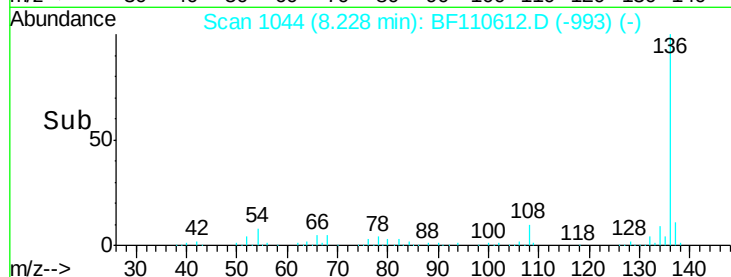
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	288131
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.7	5.4 8.2
68	5.3	4.2 6.2

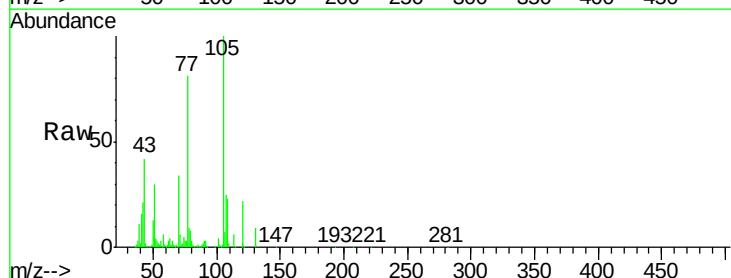


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

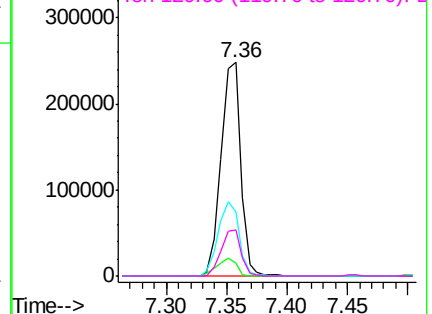
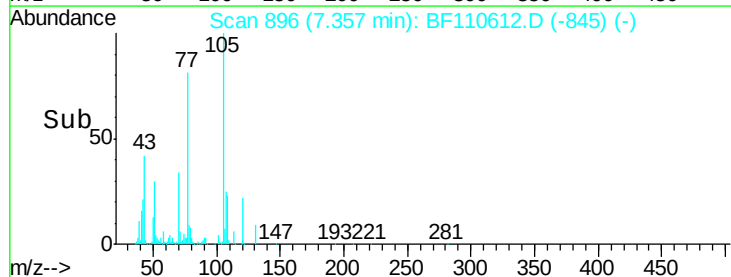


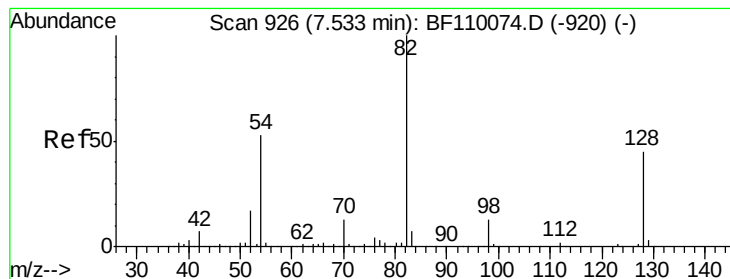
#22
Acetophenone
Concen: 41.36 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:105	Resp:	277760
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.2 7.8
51	29.9	21.8 32.8
120	21.5	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: 84.47 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampled :

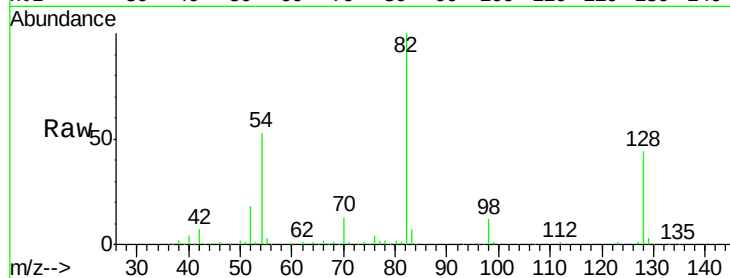
Tot Ion: 82 Resp: 422618

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

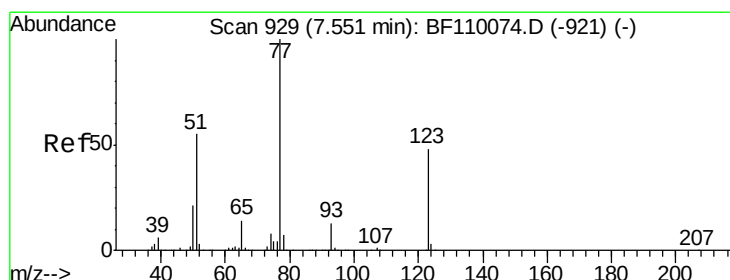
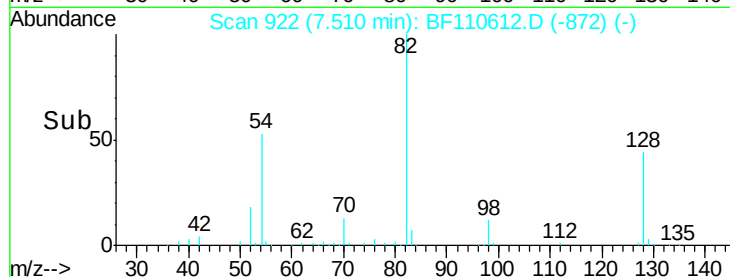
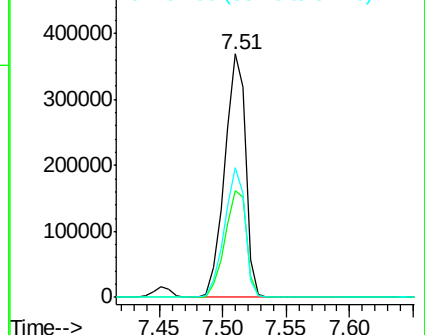
54 53.1 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.45 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

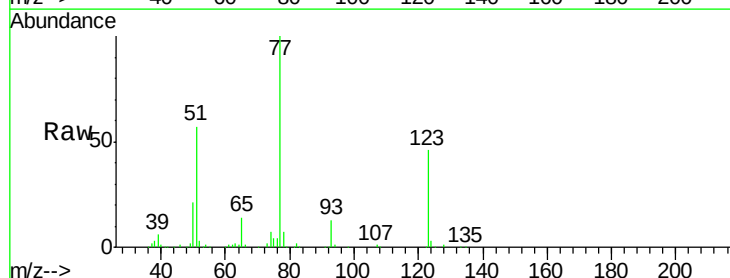
Tgt Ion: 77 Resp: 207346

Ion Ratio Lower Upper

77 100

123 46.3 35.7 53.5

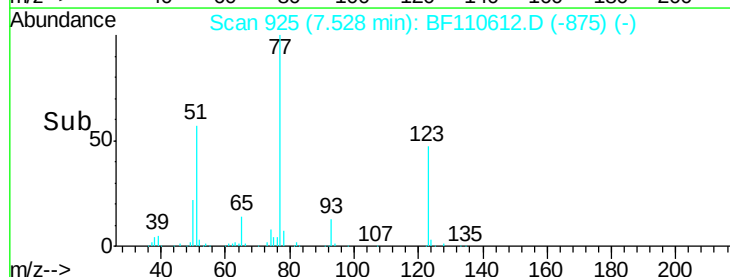
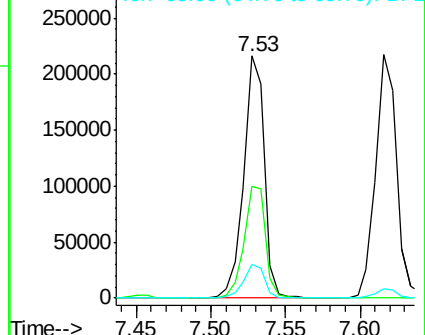
65 14.1 10.7 16.1

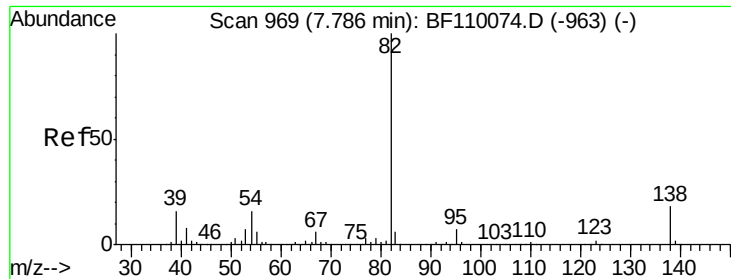


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.97 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampled :

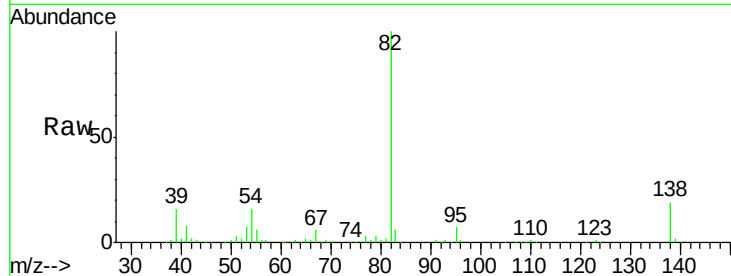
Tot Ion: 82 Resp: 368778

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

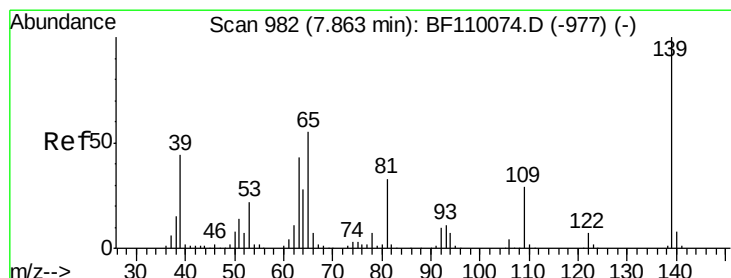
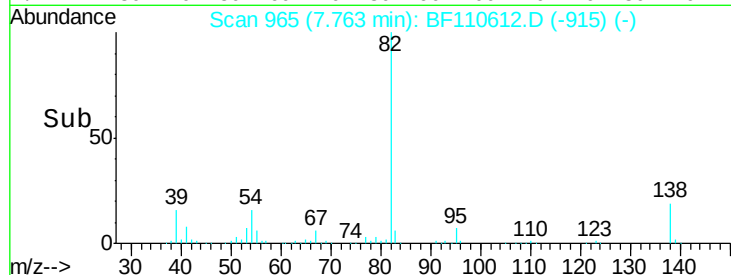
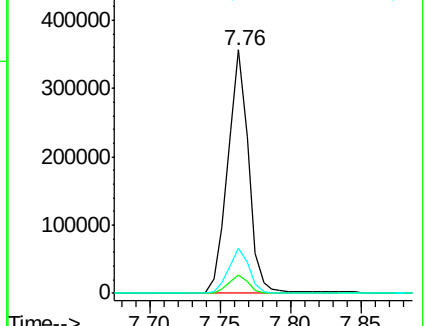
138 18.6 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.00 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

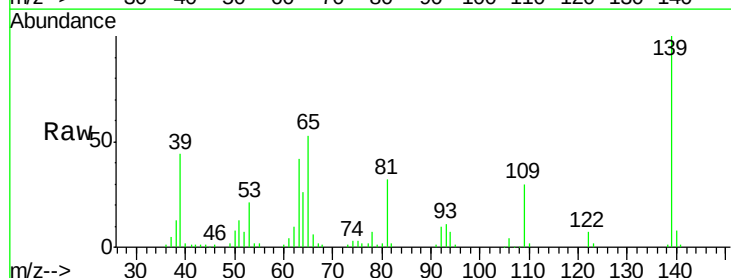
Tgt Ion: 139 Resp: 97180

Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

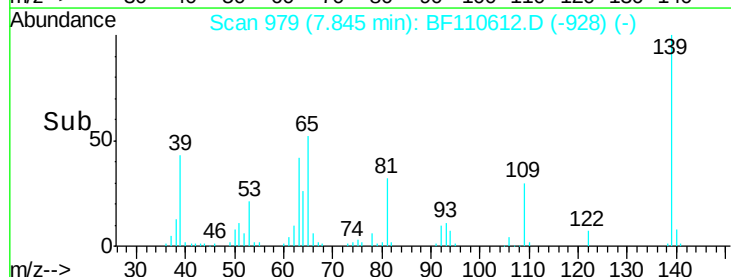
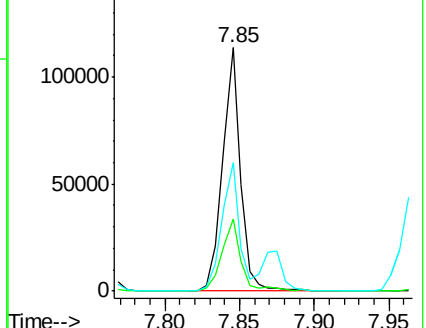
65 52.5 44.0 66.0

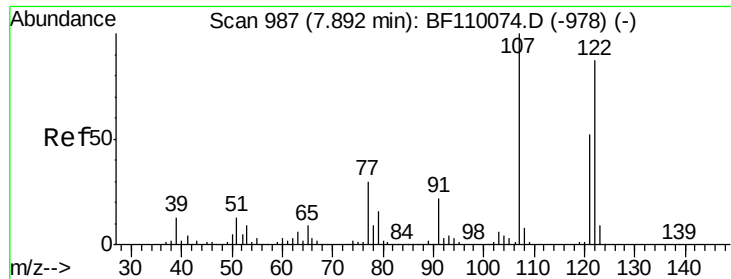


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

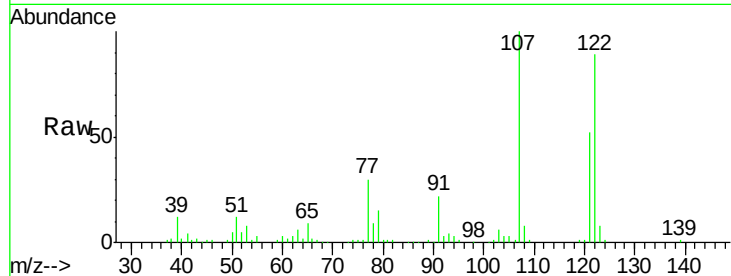




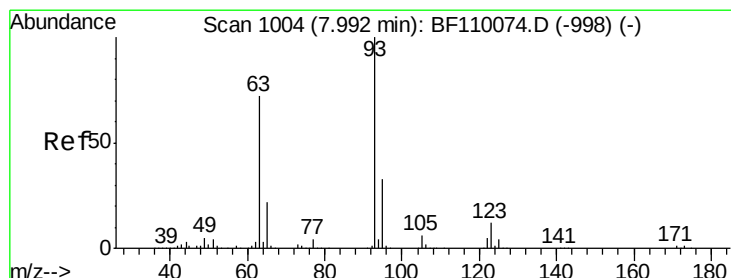
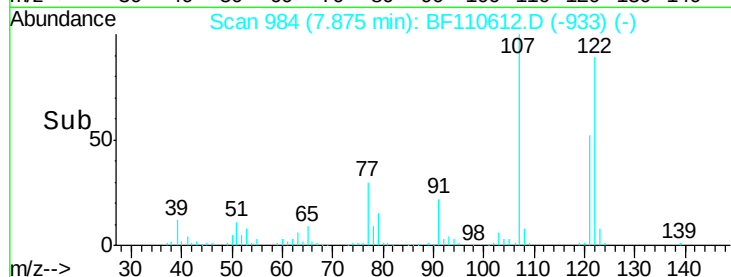
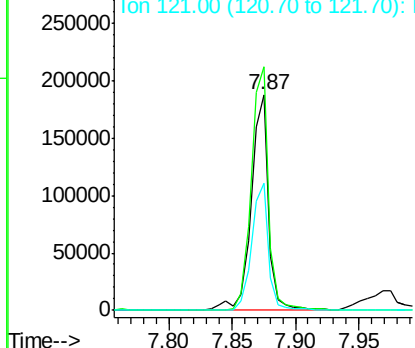
#27
2,4-Dimethylphenol
Concen: 46.54 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 181242
Ion Ratio Lower Upper
122 100
107 113.0 92.5 138.7
121 58.9 45.8 68.8

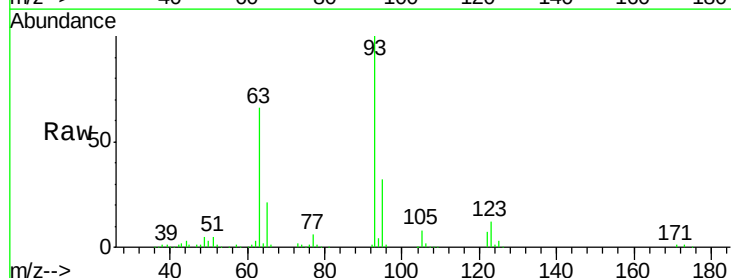


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

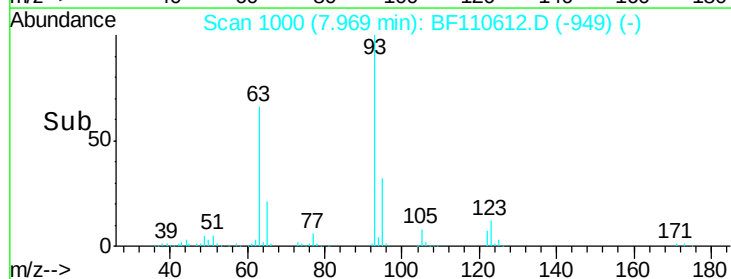
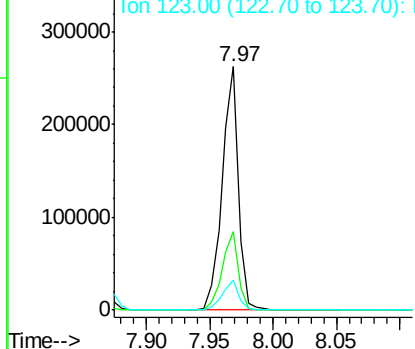


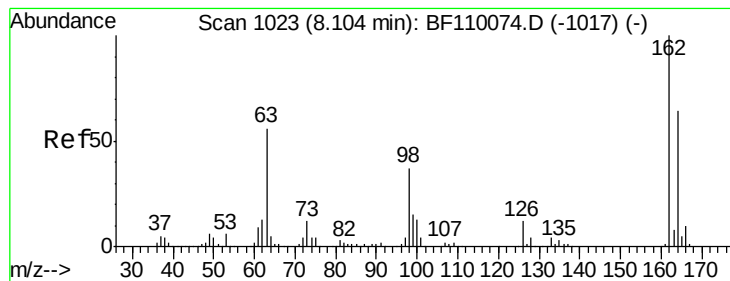
#28
bis(2-Chloroethoxy)methane
Concen: 42.24 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion: 93 Resp: 234511
Ion Ratio Lower Upper
93 100
95 32.1 26.4 39.6
123 12.1 9.0 13.6



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





#29

2,4-Dichlorophenol

Concen: 40.17 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

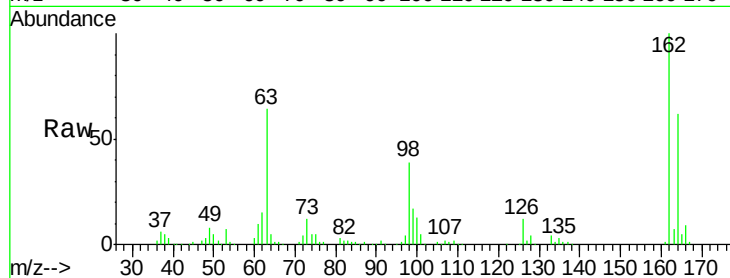
Tot Ion:162 Resp: 160970

Ion Ratio Lower Upper

162 100

164 62.1 44.6 84.6

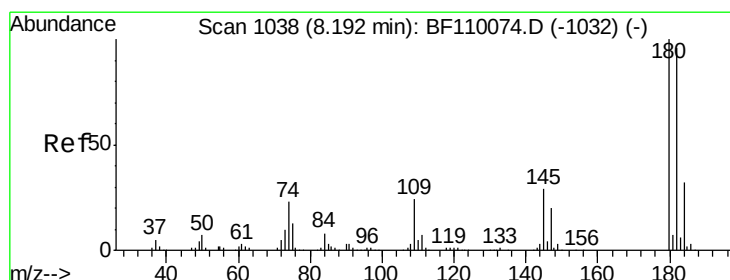
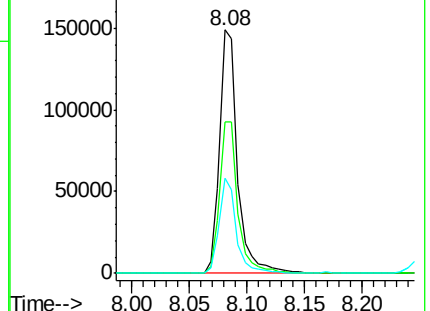
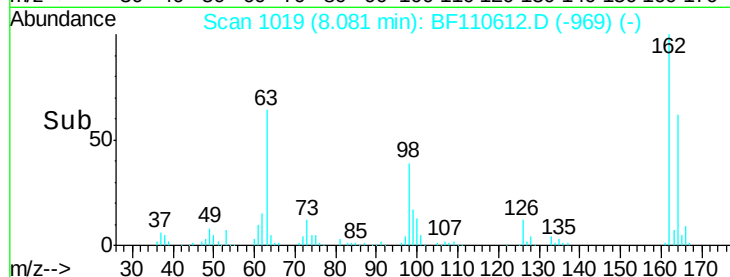
98 39.2 17.4 57.4



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: 38.89 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

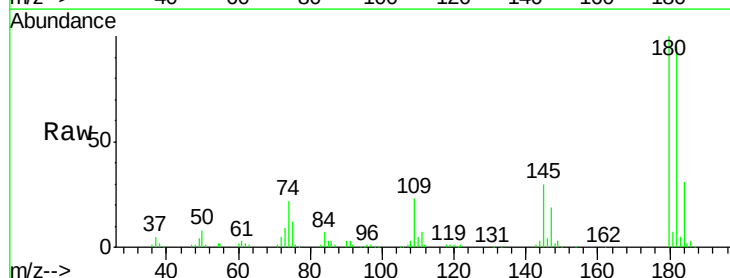
Tgt Ion:180 Resp: 175701

Ion Ratio Lower Upper

180 100

182 94.9 80.3 120.5

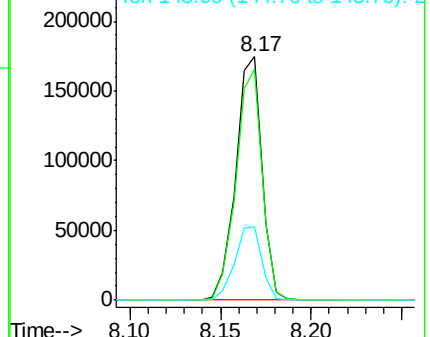
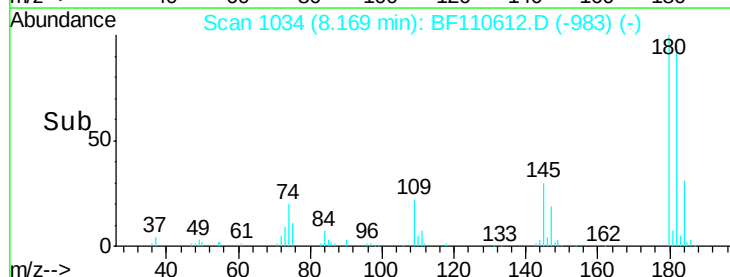
145 30.2 25.4 38.0

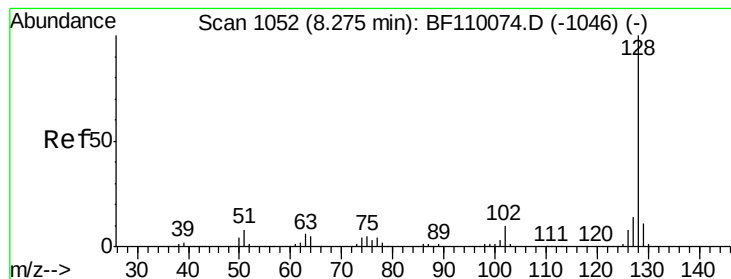


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.17 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

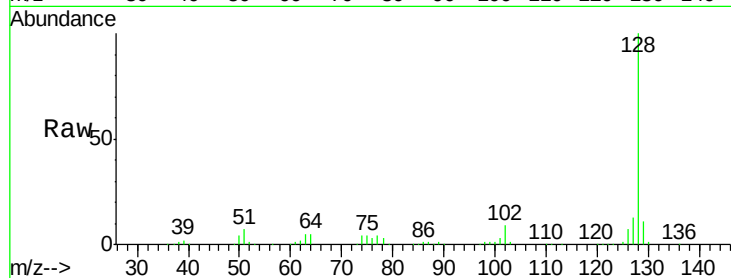
Tot Ion:128 Resp: 570441

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

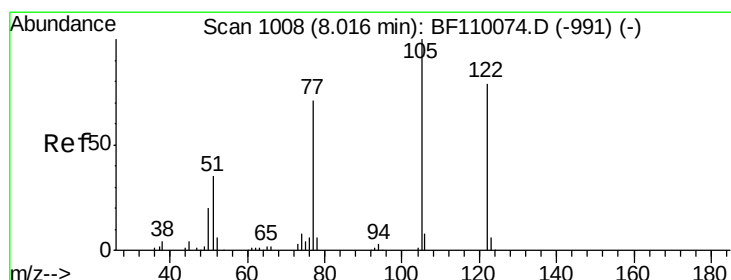
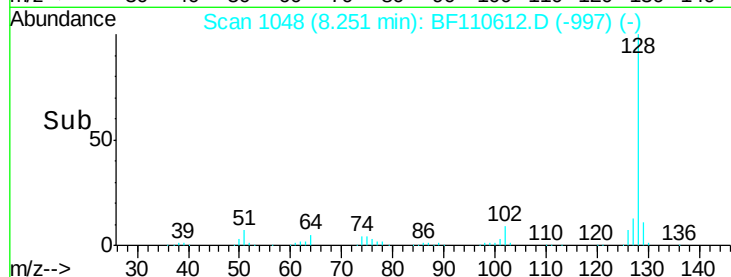
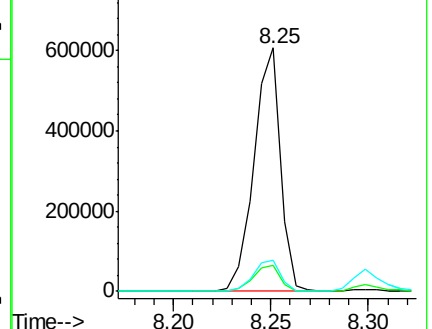
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.42 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

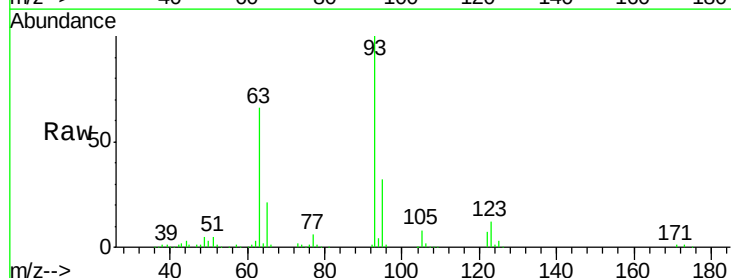
Tgt Ion:122 Resp: 36978

Ion Ratio Lower Upper

122 100

105 122.0 109.0 149.0

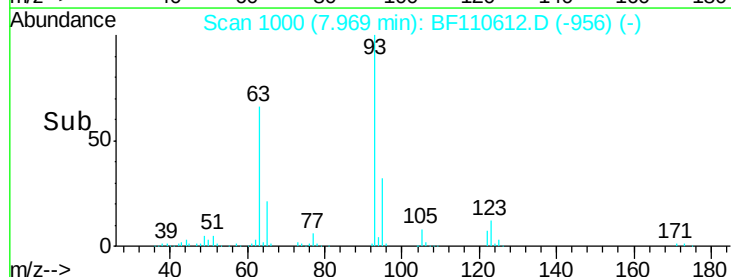
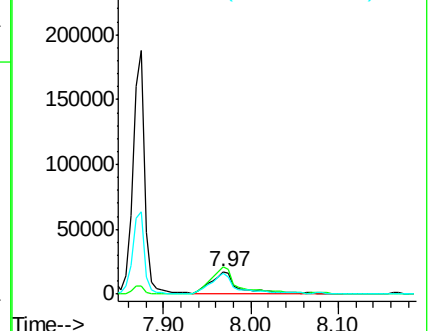
77 90.9 79.0 119.0

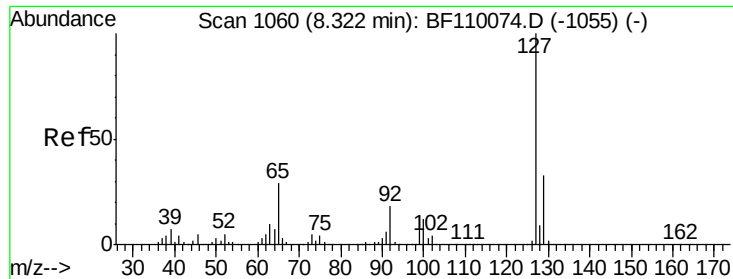


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

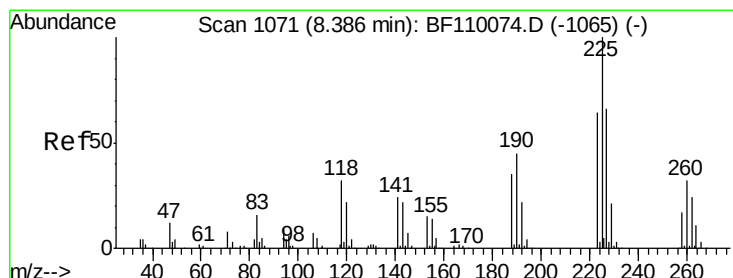
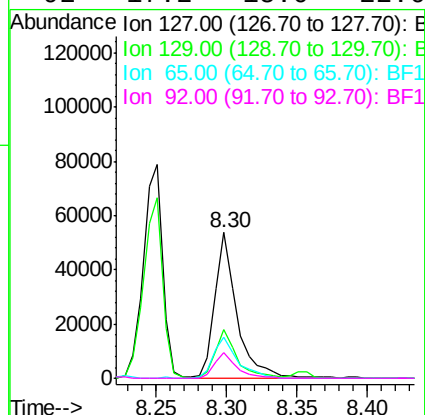
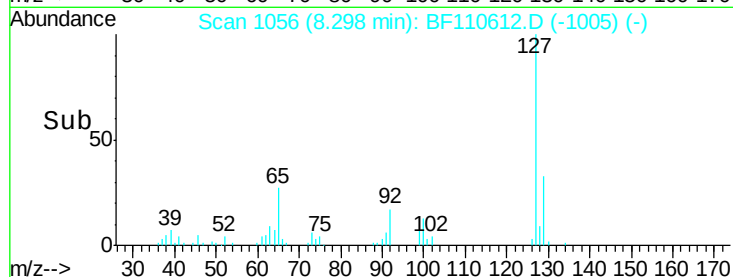
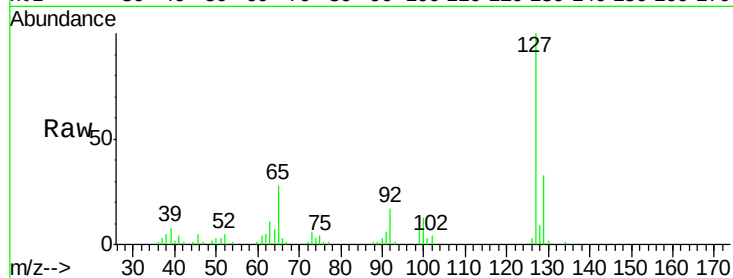




#33
4-Chloroaniline
Concen: 9.64 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

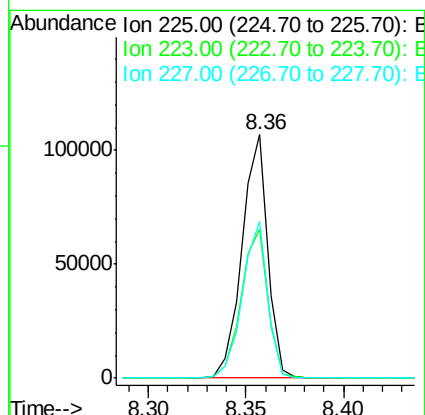
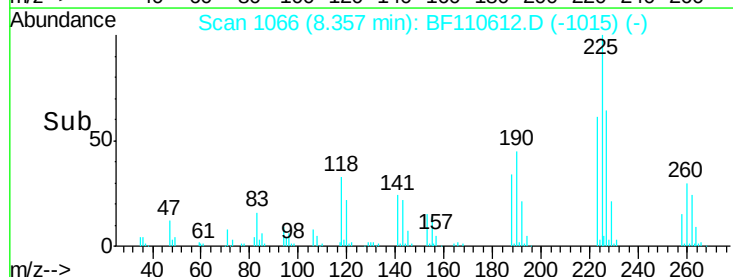
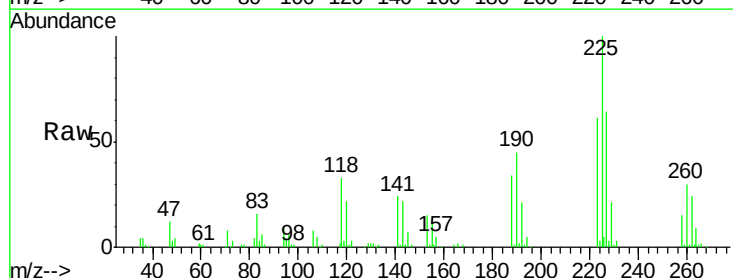
Instrument :
BNA_F
ClientSampleId :

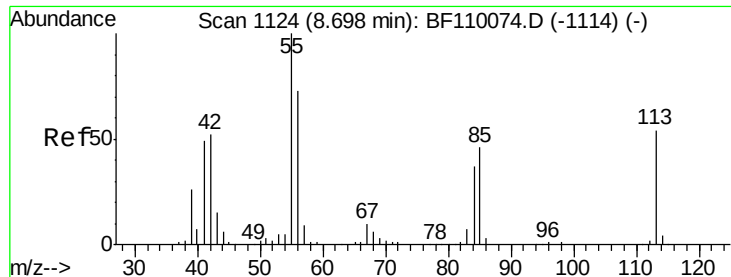
Tot Ion:	127	Resp:	59085
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.0	39.0
65	28.1	25.1	37.7
92	17.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:	225	Resp:	97584
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.2
227	64.4	51.0	76.6

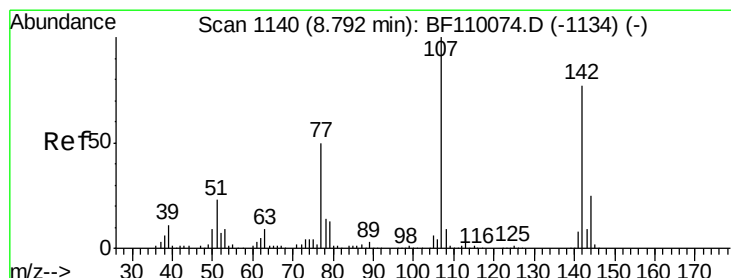
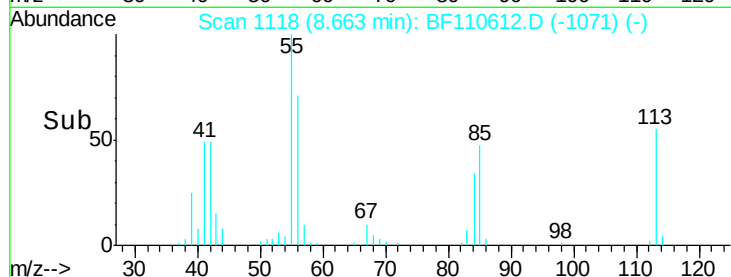
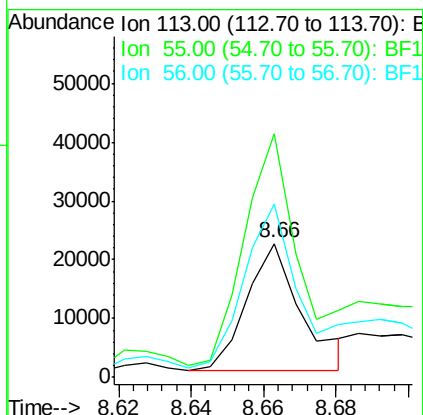
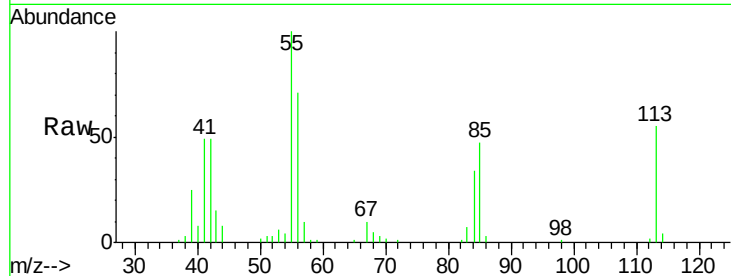




#35
 Caprolactam
 Concen: 16.87 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

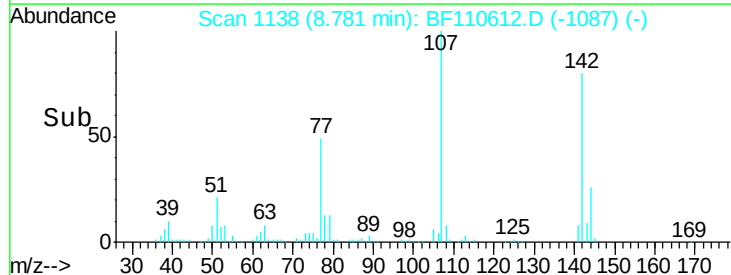
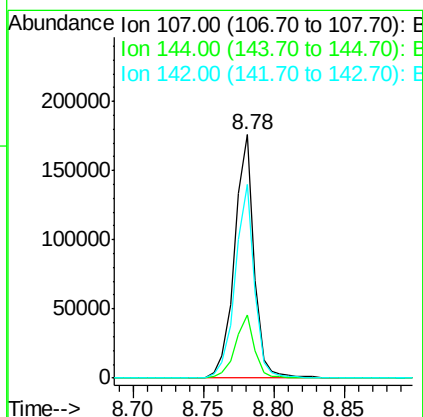
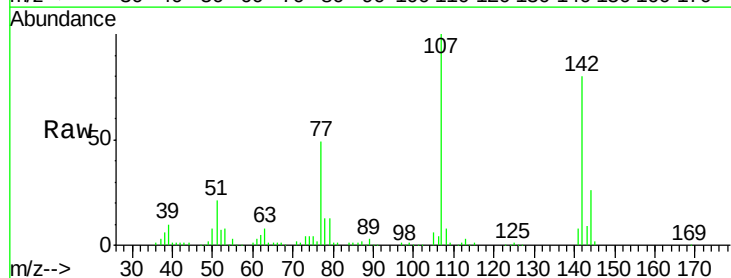
Instrument :
 BNA_F
 ClientSampled :

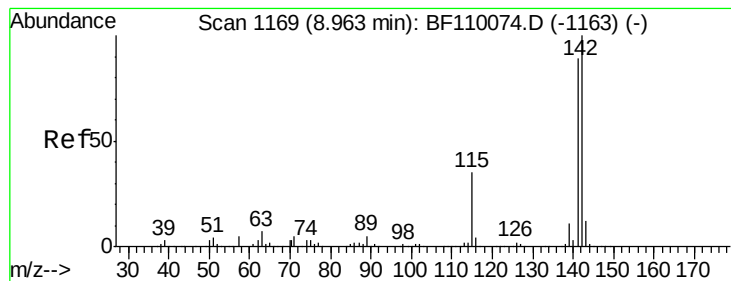
Tot Ion:113 Resp: 22593
 Ion Ratio Lower Upper
 113 100
 55 181.5 142.8 182.8
 56 129.1 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.44 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:107 Resp: 170452
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 79.6 59.7 89.5





#37

2-Methylnaphthalene

Concen: 43.71 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

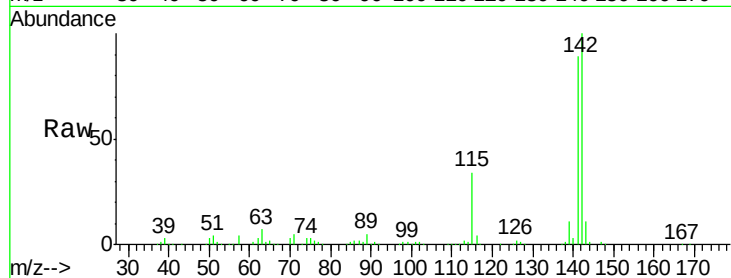
Tot Ion:142 Resp: 387553

Ion Ratio Lower Upper

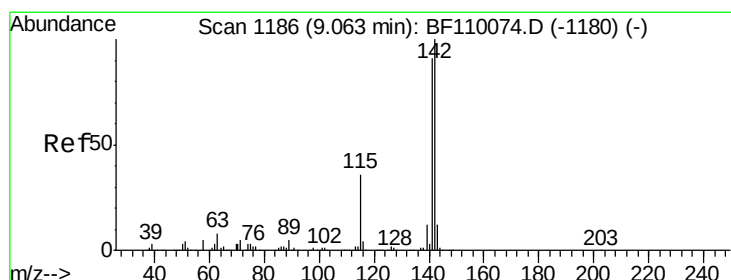
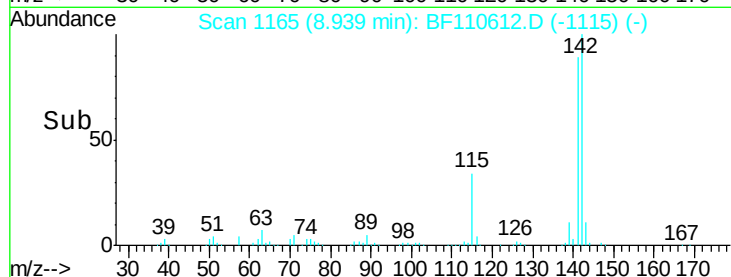
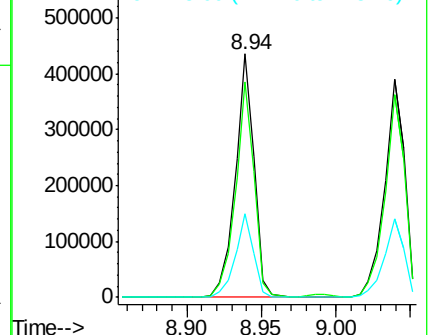
142 100

141 88.7 71.4 107.2

115 34.4 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: 42.21 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

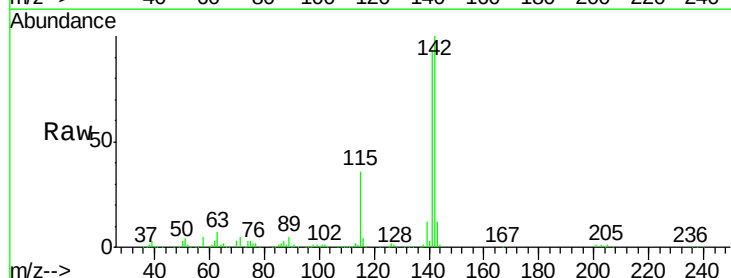
Tgt Ion:142 Resp: 359979

Ion Ratio Lower Upper

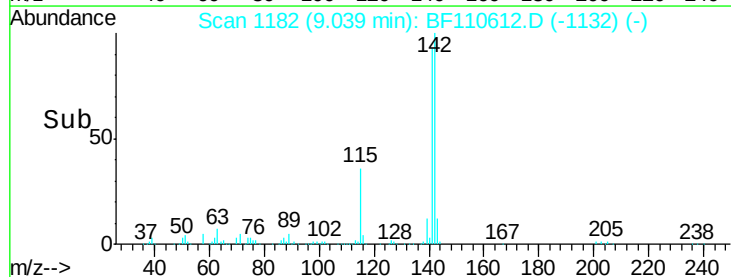
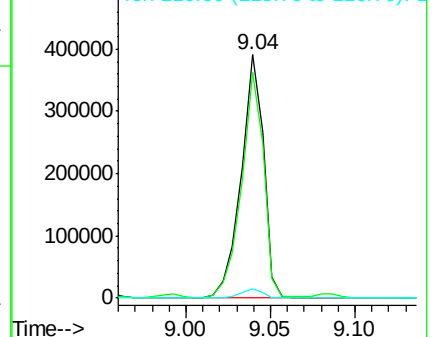
142 100

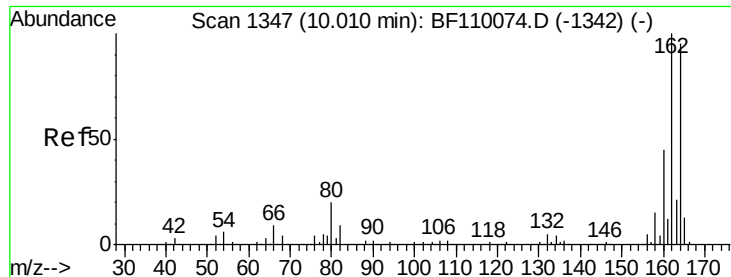
141 92.9 74.2 111.4

116 3.8 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

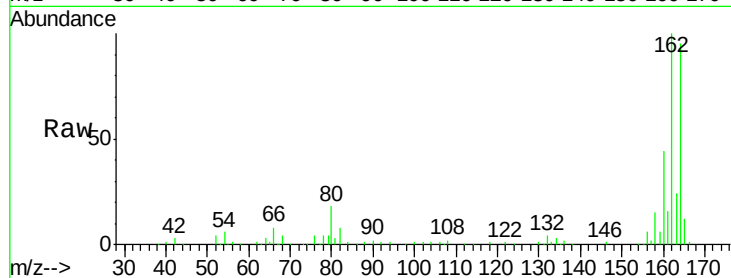
Tot Ion:164 Resp: 123256

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

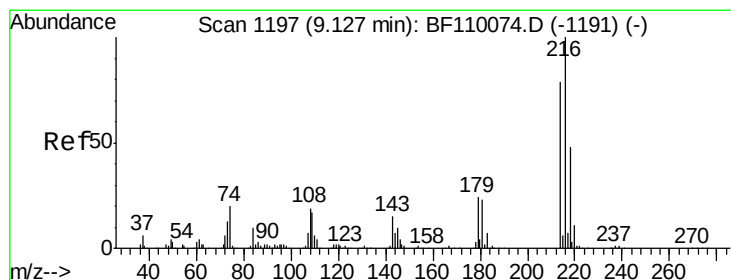
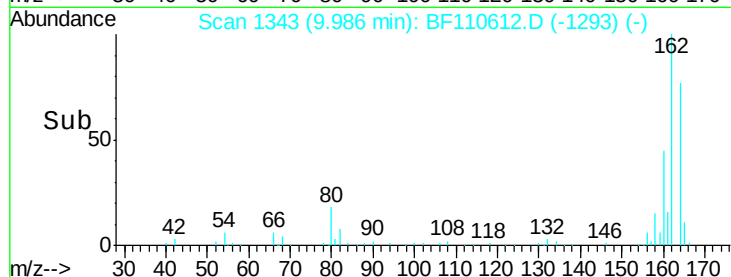
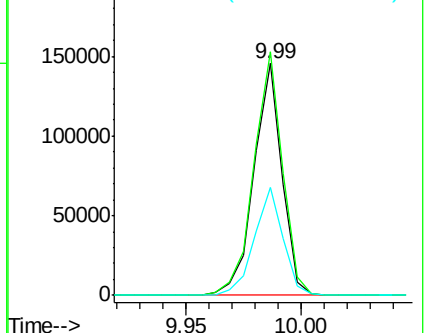
160 46.5 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.33 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Tgt Ion:216 Resp: 161239

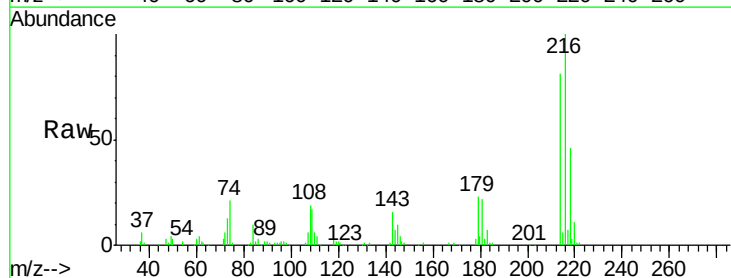
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.9 16.6 25.0

108 18.9 15.1 22.7

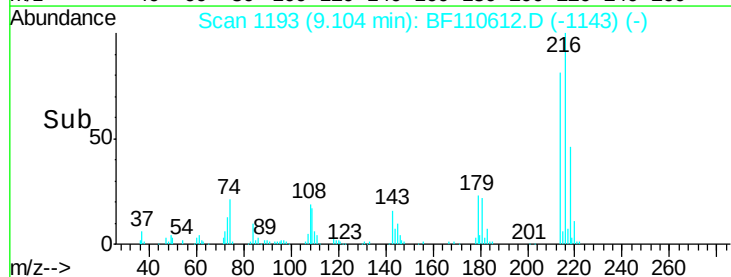
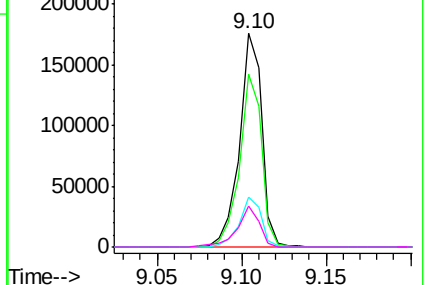


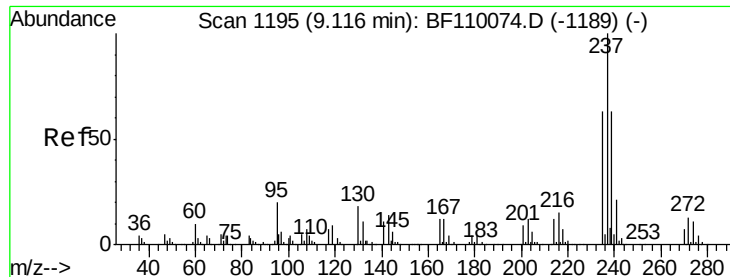
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.47 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

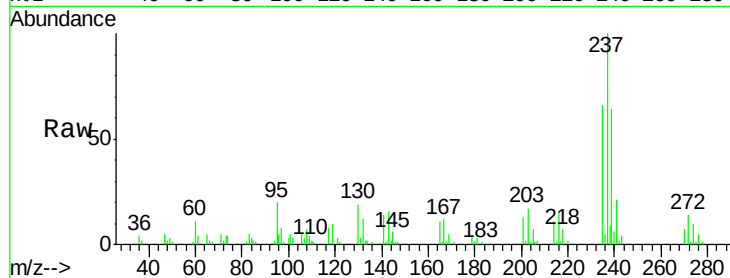
Tot Ion:237 Resp: 45132

Ion Ratio Lower Upper

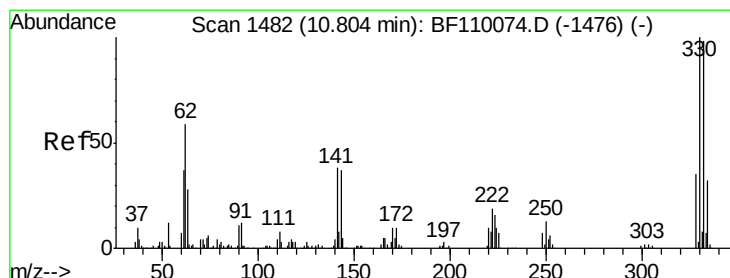
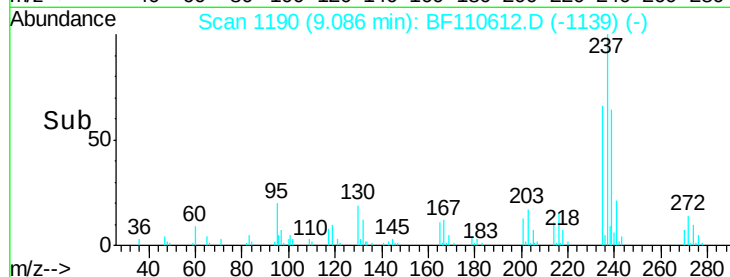
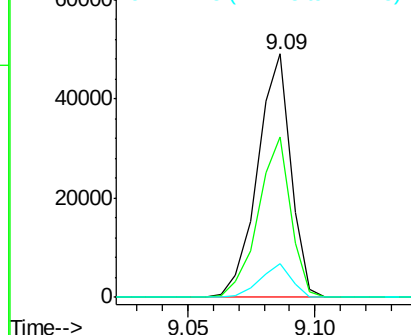
237 100

235 65.8 43.1 83.1

272 13.7 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: 74.58 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

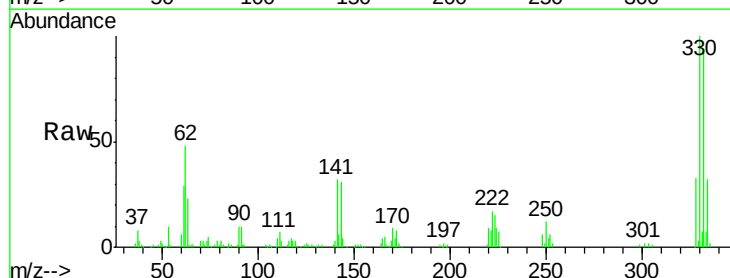
Tgt Ion:330 Resp: 92626

Ion Ratio Lower Upper

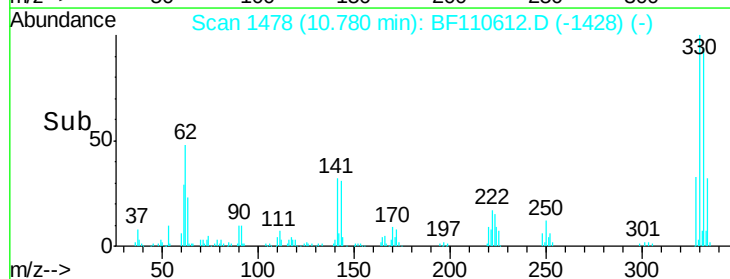
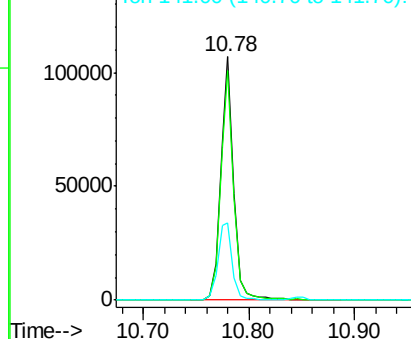
330 100

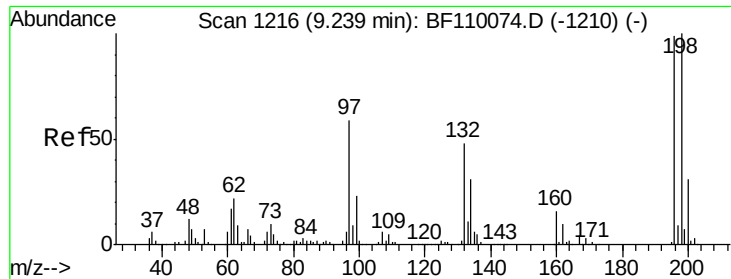
332 94.8 77.1 115.7

141 35.7 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

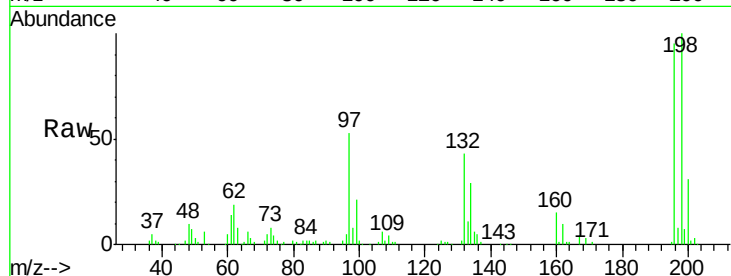




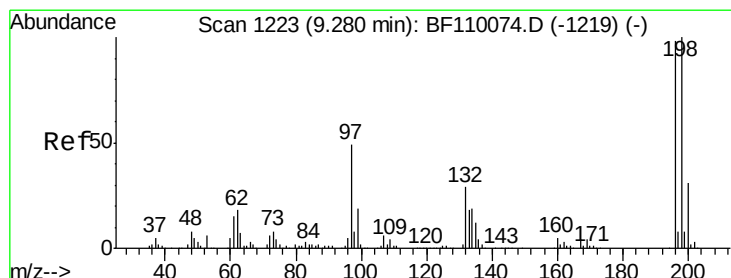
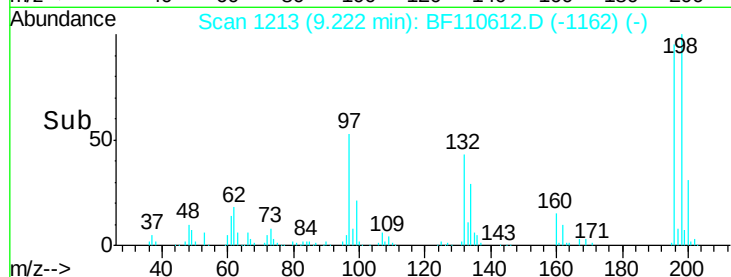
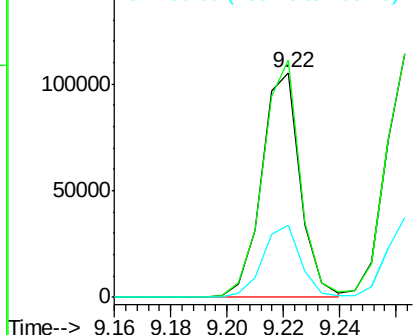
#43
 2,4,6-Trichlorophenol
 Concen: 40.94 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 100381
 Ion Ratio Lower Upper
 196 100
 198 105.3 76.2 114.4
 200 32.1 24.4 36.6



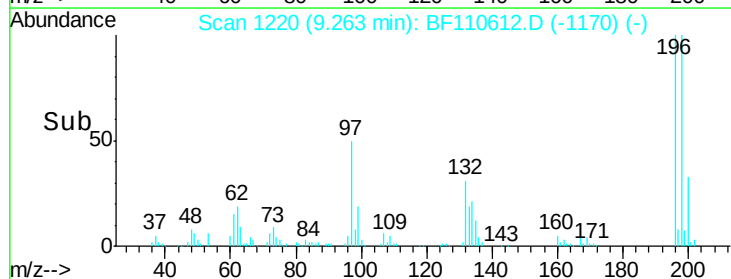
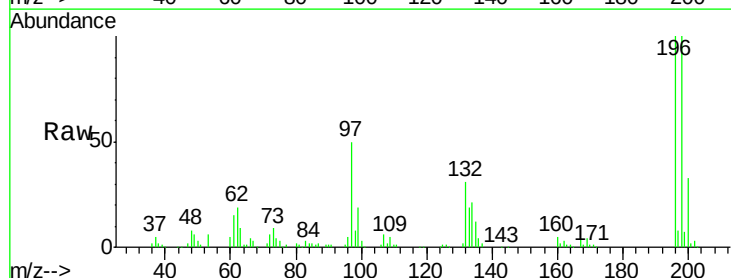
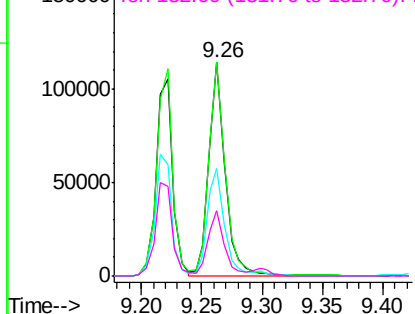
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

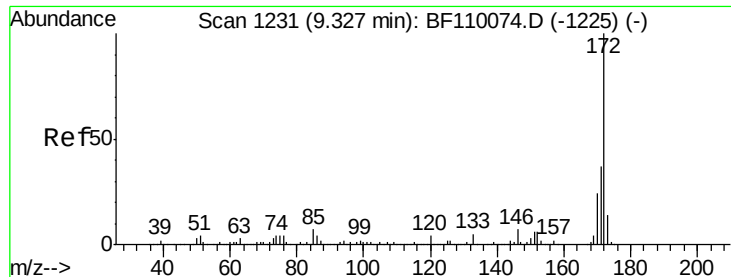


#44
 2,4,5-Trichlorophenol
 Concen: 41.73 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:196 Resp: 109129
 Ion Ratio Lower Upper
 196 100
 198 99.9 75.8 113.6
 97 50.1 42.4 63.6
 132 30.9 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

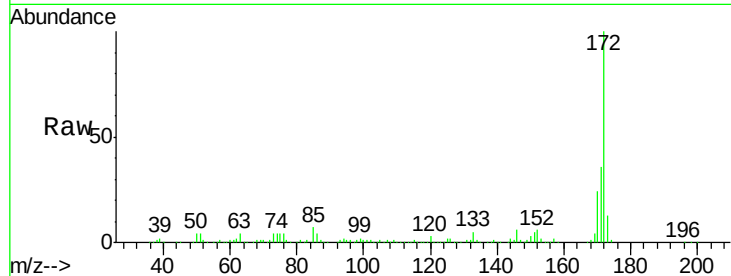




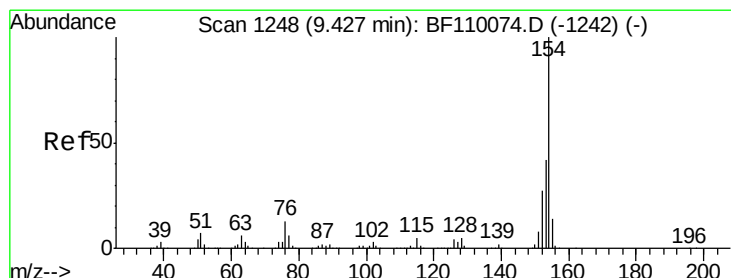
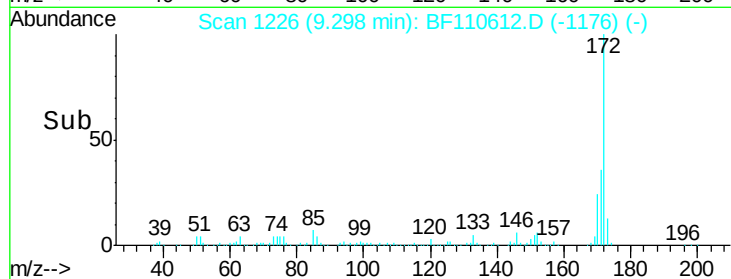
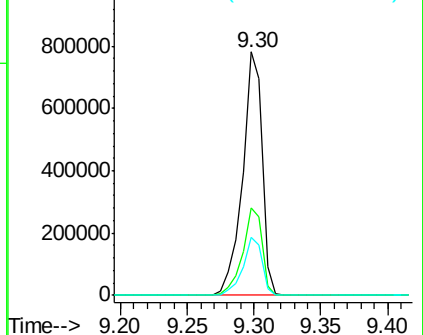
#45
2-Fluorobiphenyl
Concen: 91.61 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	19.7	29.5

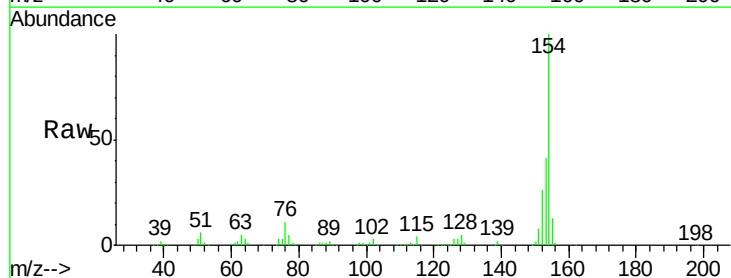


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

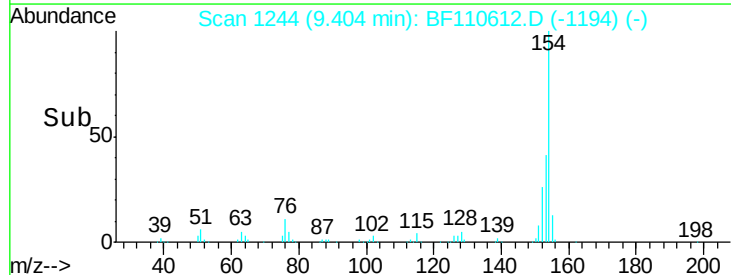
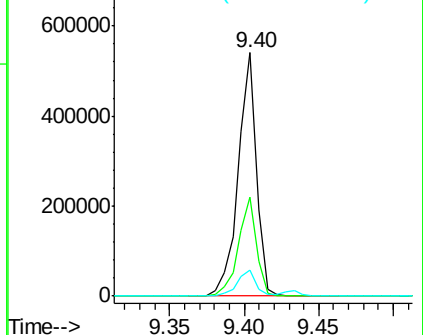


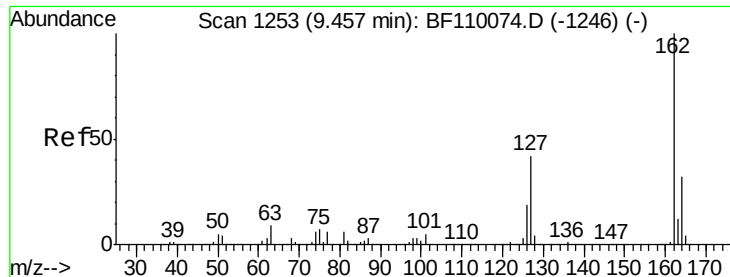
#46
1,1'-Biphenyl
Concen: 40.35 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	10.9	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

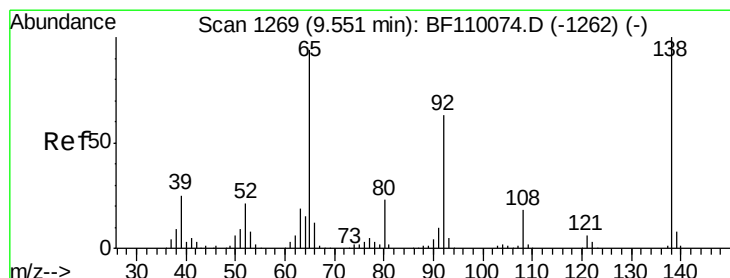
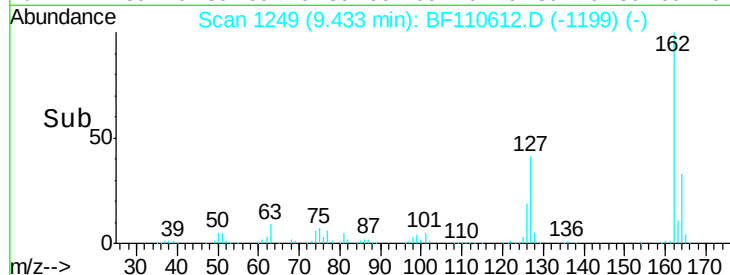
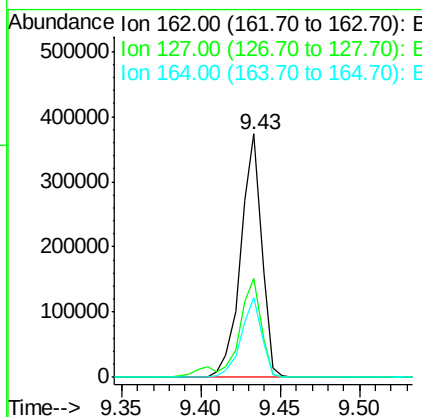
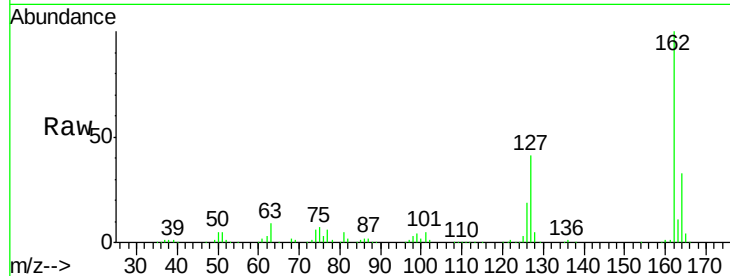




#47
 2-Chloronaphthalene
 Concen: 41.20 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

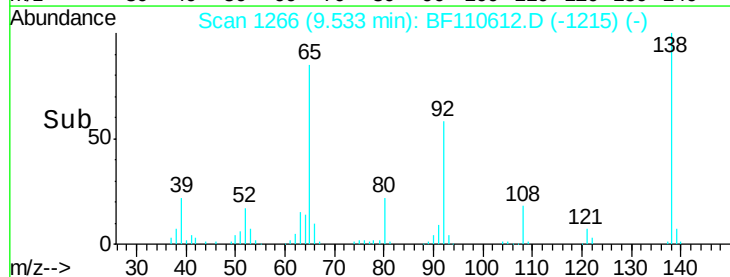
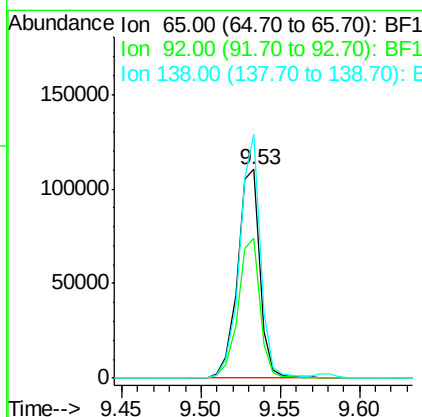
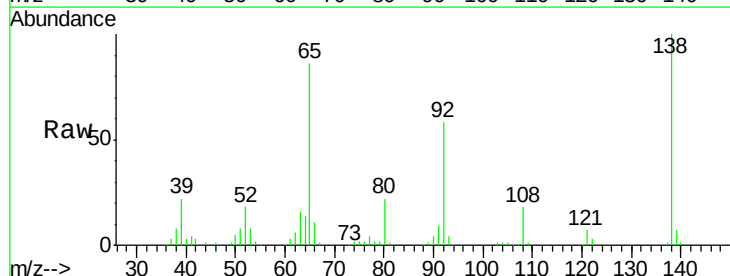
Instrument :
 BNA_F
 ClientSampleId :

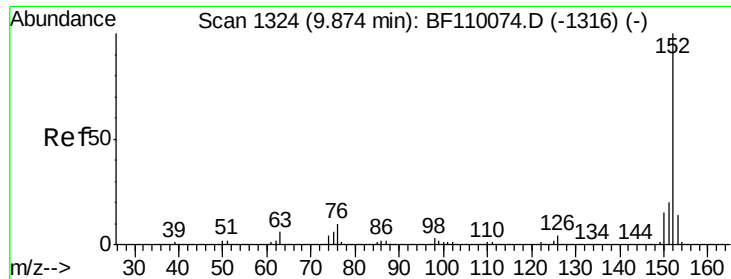
Tot Ion:162 Resp: 341314
 Ion Ratio Lower Upper
 162 100
 127 40.6 32.6 48.8
 164 33.0 25.9 38.9



#48
 2-Nitroaniline
 Concen: 42.30 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion: 65 Resp: 107972
 Ion Ratio Lower Upper
 65 100
 92 67.1 54.6 81.8
 138 116.7 80.3 120.5





#49

Acenaphthylene

Concen: 43.57 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

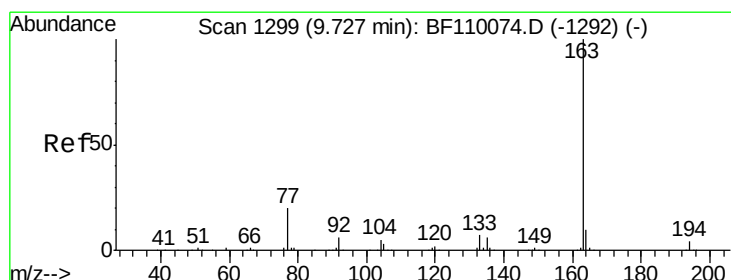
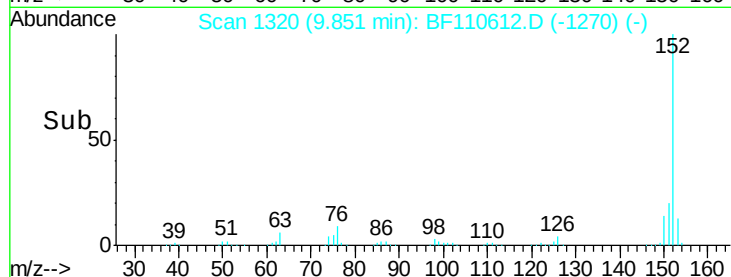
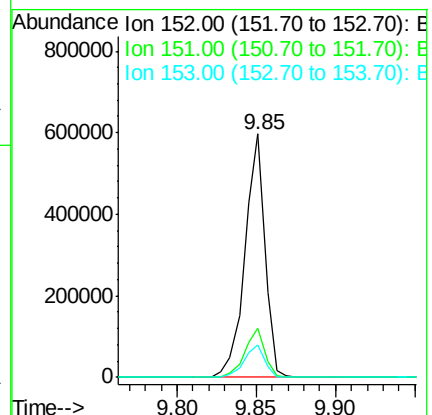
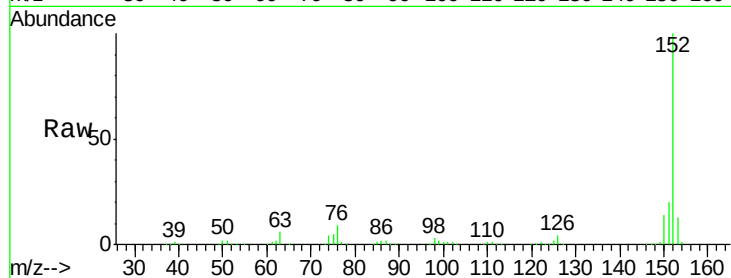
Tot Ion:152 Resp: 519817

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 43.99 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

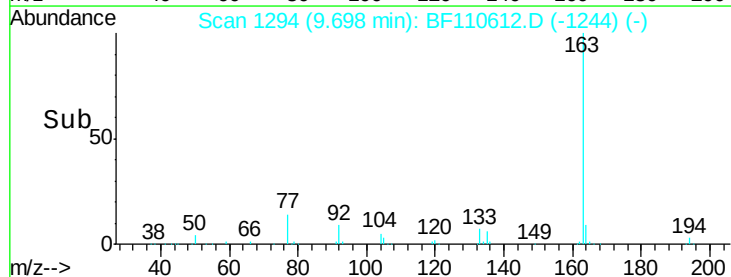
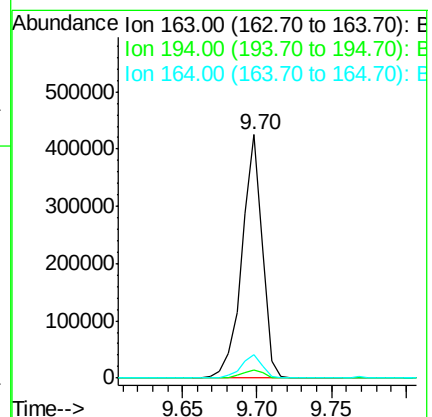
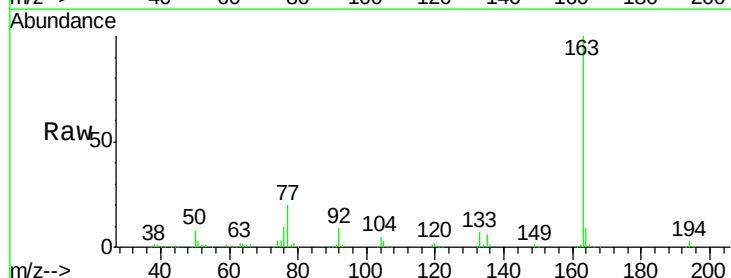
Tgt Ion:163 Resp: 404576

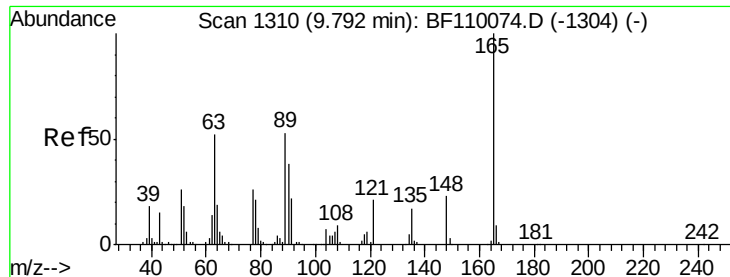
Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 9.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.40 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

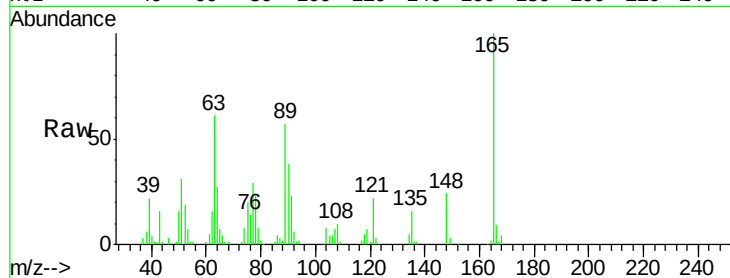
Tot Ion:165 Resp: 83756

Ion Ratio Lower Upper

165 100

63 60.8 48.9 73.3

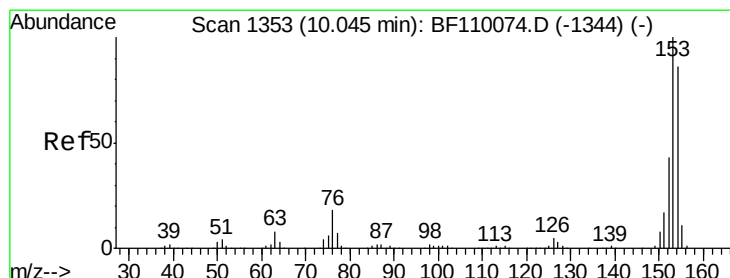
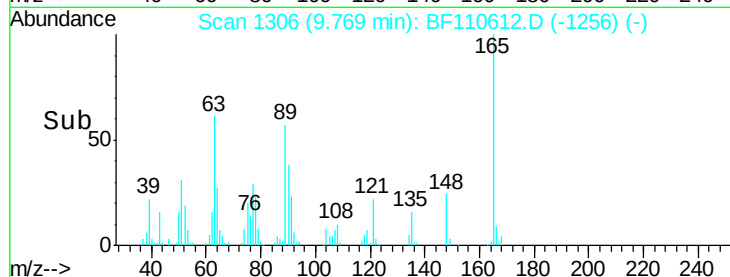
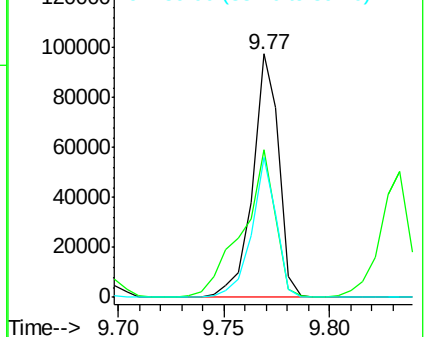
89 57.3 46.6 69.8



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: 41.25 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

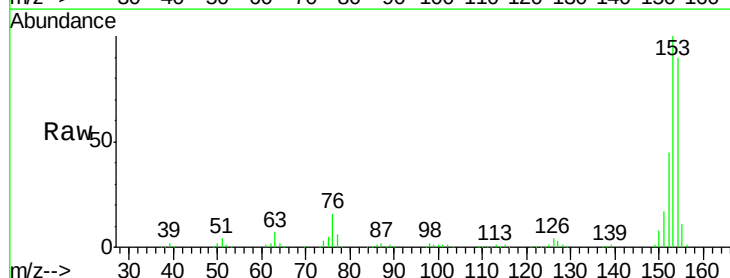
Tgt Ion:154 Resp: 310973

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

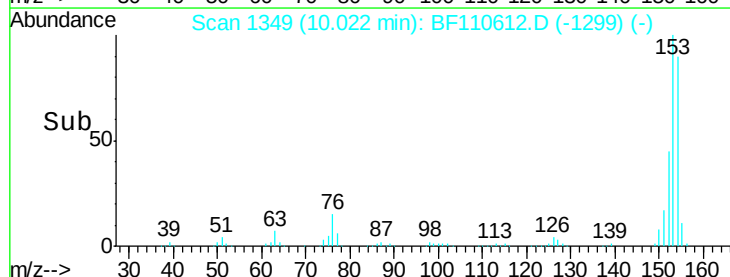
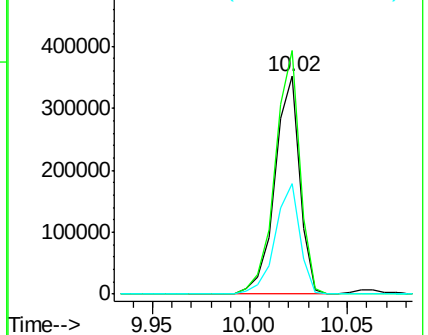
152 50.6 43.4 65.2

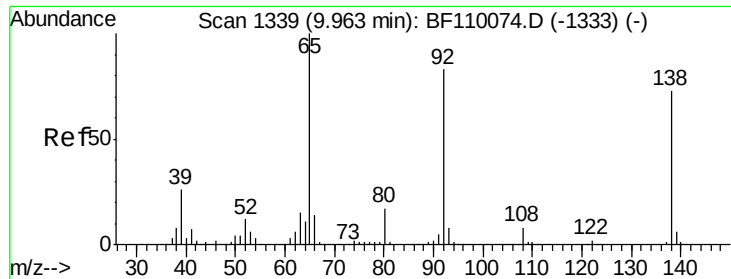


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

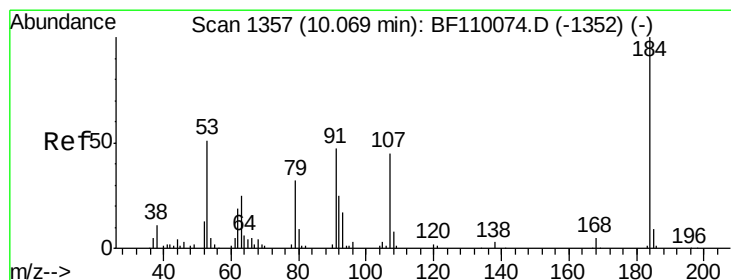
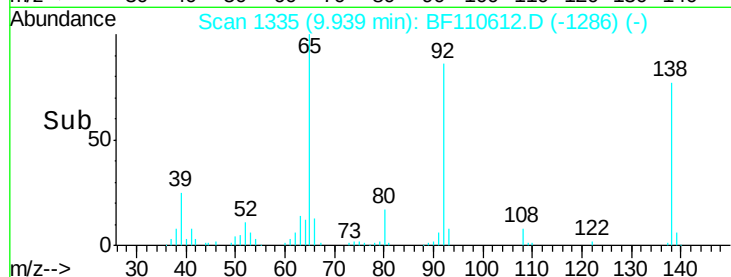
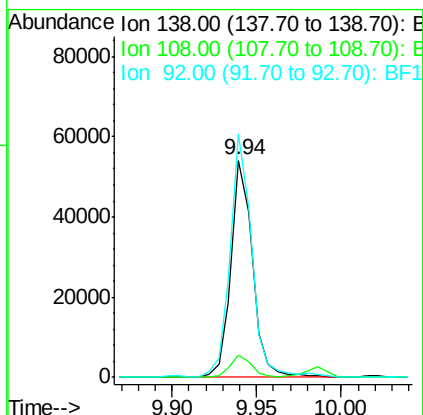
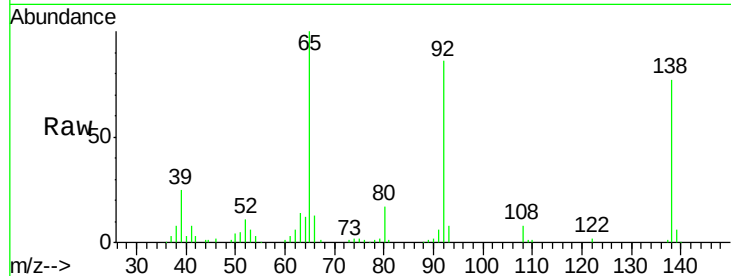




#53
3-Nitroaniline
Concen: 20.50 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

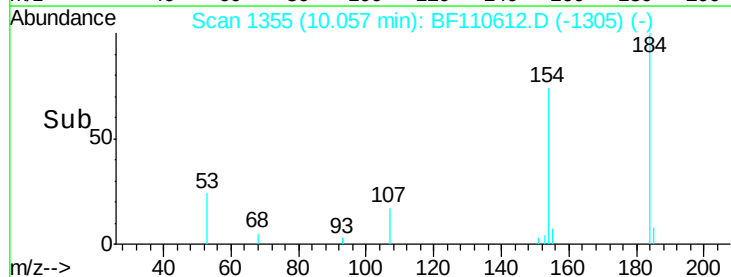
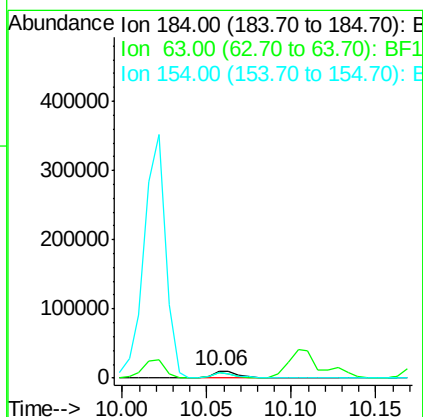
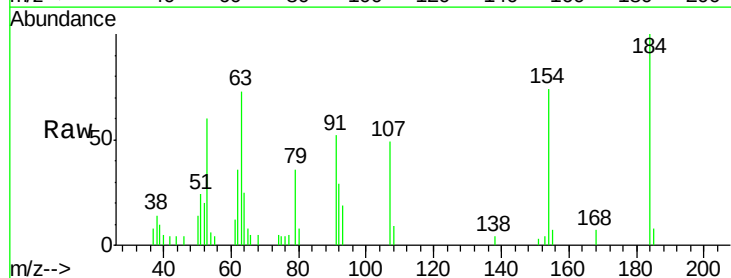
Instrument :
BNA_F
ClientSampleId :

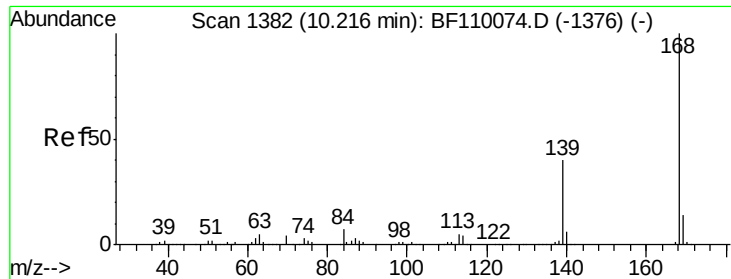
Tot Ion:138 Resp: 48051
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 112.3 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 19.27 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:184 Resp: 12478
Ion Ratio Lower Upper
184 100
63 72.6 55.8 83.6
154 73.5 63.2 94.8

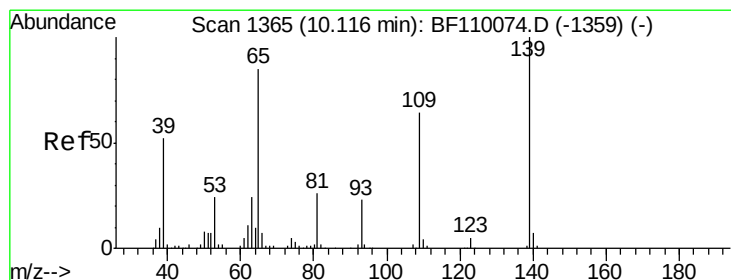
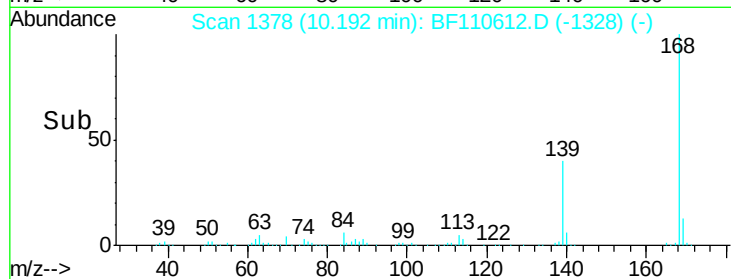
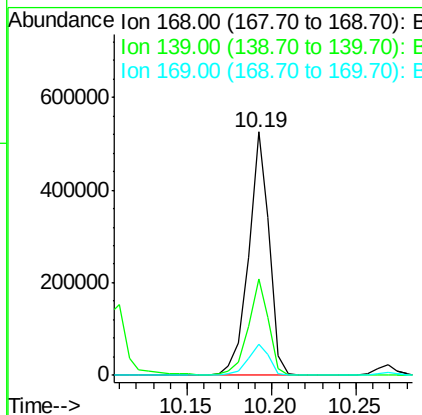
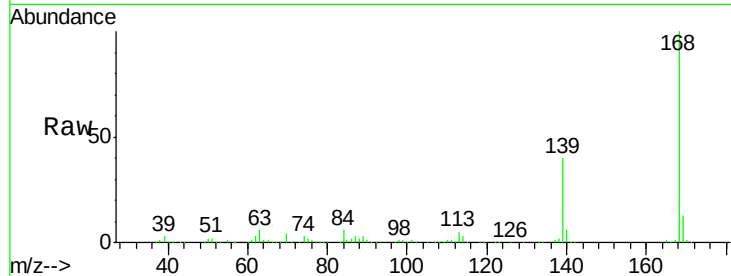




#55
Dibenzenofuran
Concen: 40.55 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

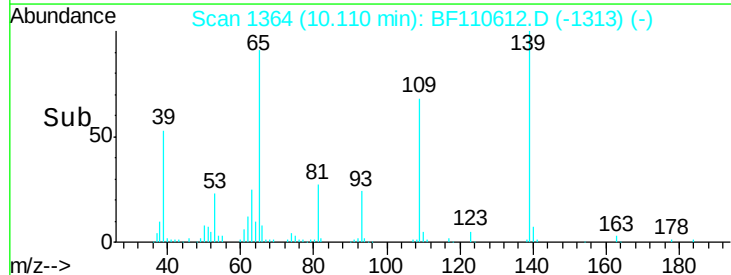
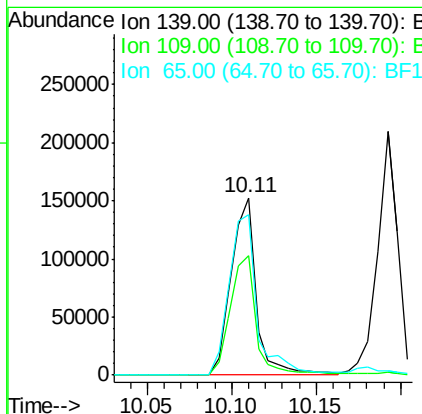
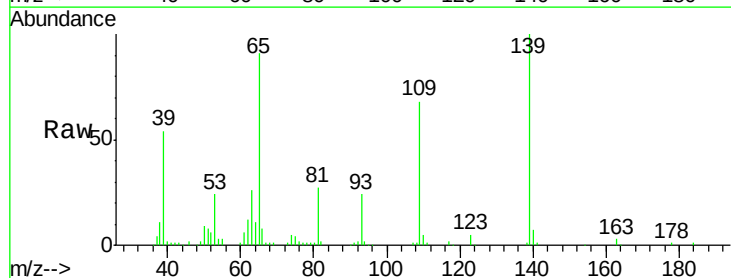
Instrument :
BNA_F
ClientSampleId :

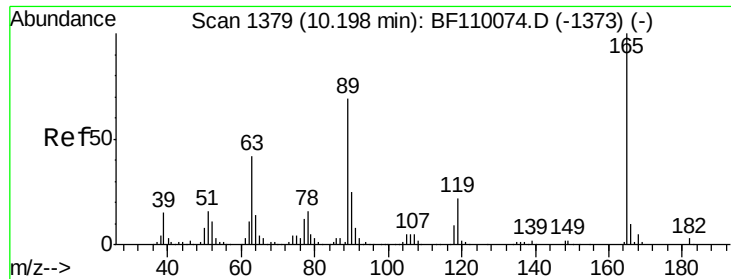
Tot Ion:168 Resp: 447293
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 12.7 11.3 16.9



#56
4-Nitrophenol
Concen: 100.96 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:139 Resp: 156998
Ion Ratio Lower Upper
139 100
109 67.6 55.8 95.8
65 90.5 77.9 117.9

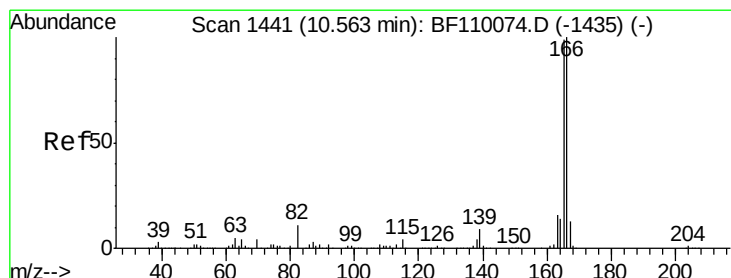
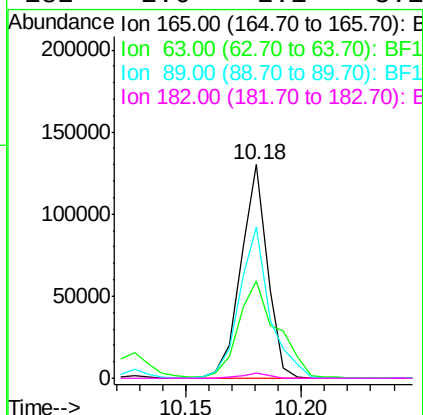
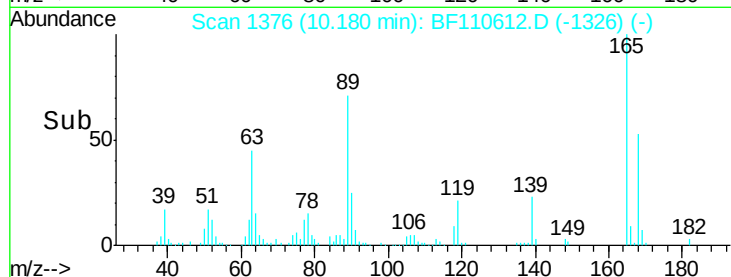
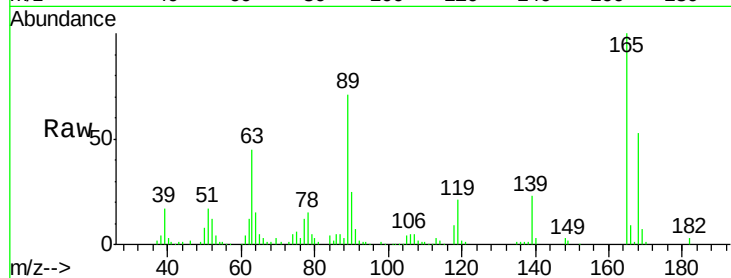




#57
2,4-Dinitrotoluene
Concen: 39.78 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

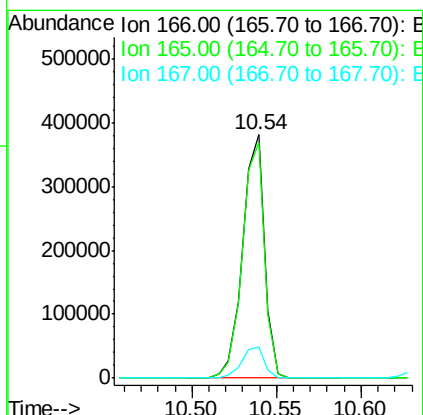
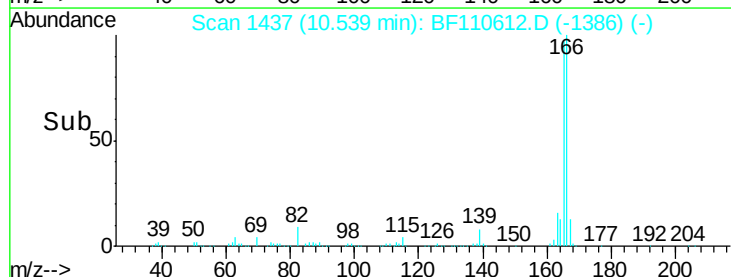
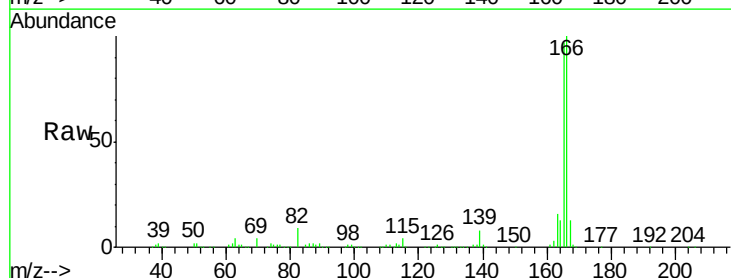
Instrument :
BNA_F
ClientSampleId :

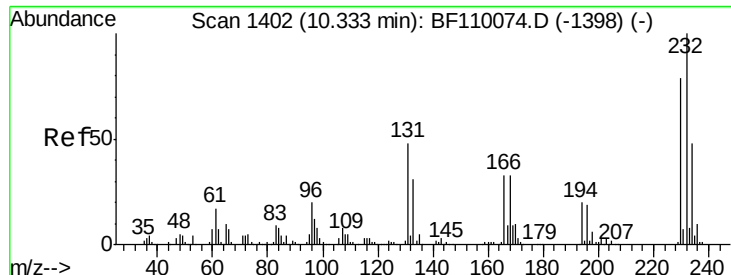
Tot Ion:165	Resp:	104647
Ion Ratio	Lower	Upper
165	100	
63	45.4	44.8 67.2
89	70.9	62.2 93.4
182	2.6	2.1 3.1



#58
Fluorene
Concen: 40.67 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:166	Resp:	344579
Ion Ratio	Lower	Upper
166	100	
165	97.0	78.6 117.8
167	12.9	10.8 16.2

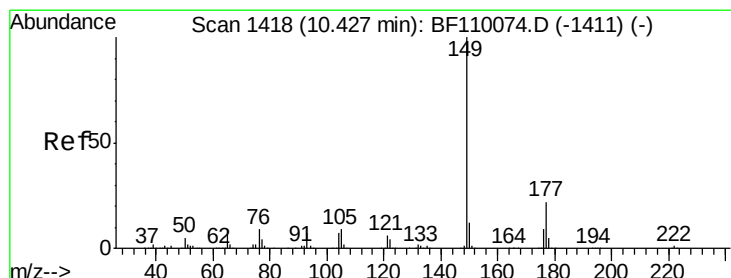
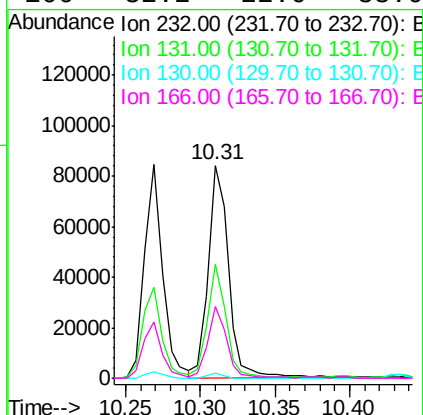
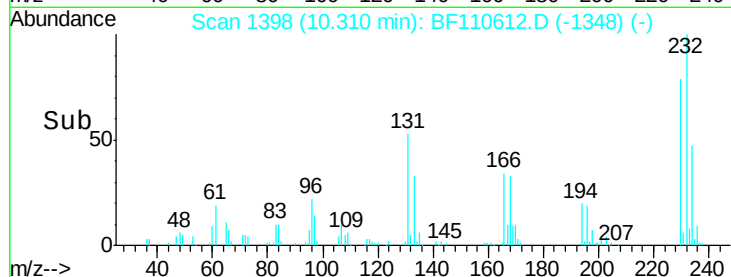
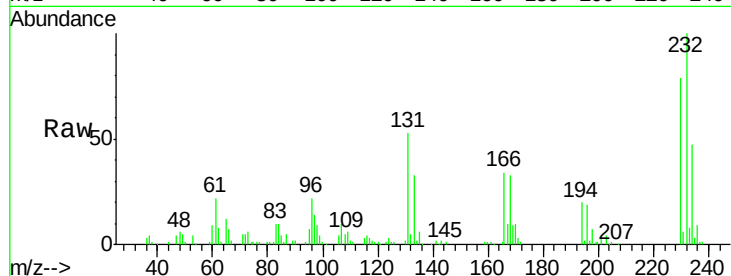




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.50 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

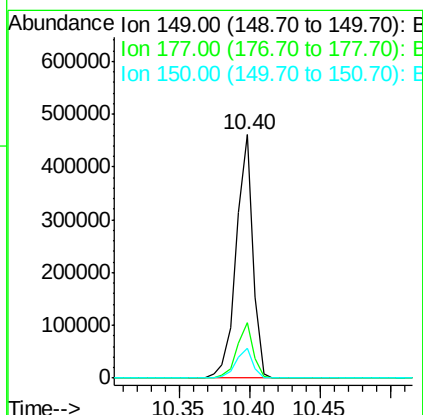
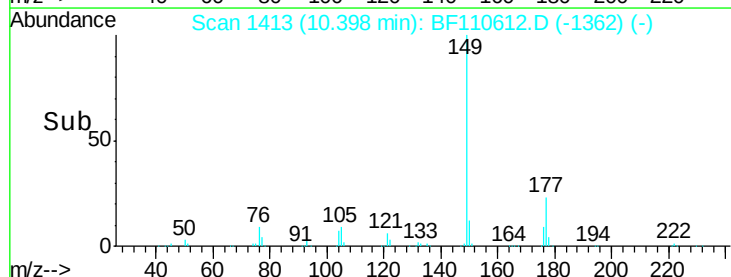
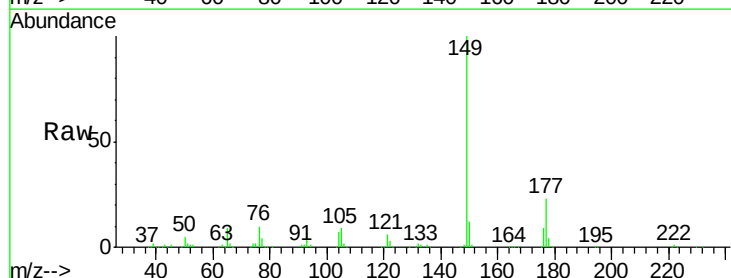
Instrument :
 BNA_F
 ClientSampleId :

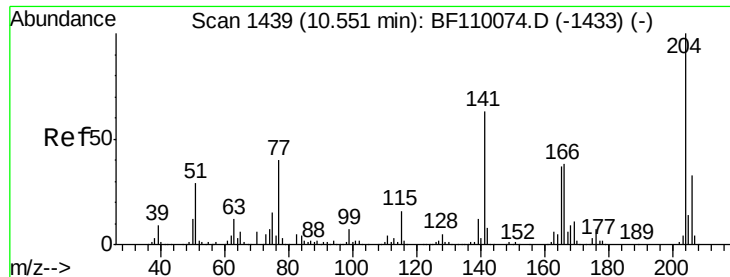
Tot Ion:232 Resp: 79214
 Ion Ratio Lower Upper
 232 100
 131 48.6 37.0 55.4
 130 1.9 1.8 2.6
 166 32.2 22.0 33.0



#60
 Diethylphthalate
 Concen: 41.54 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:149 Resp: 377952
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.4 26.2
 150 12.1 9.8 14.8

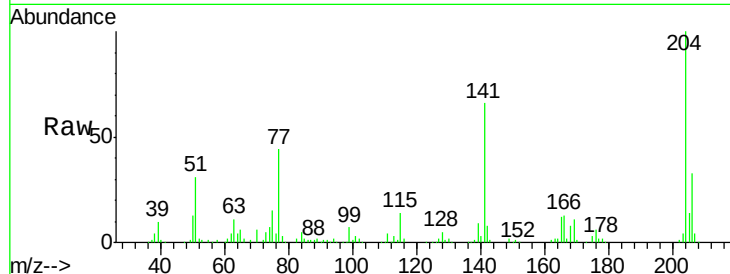




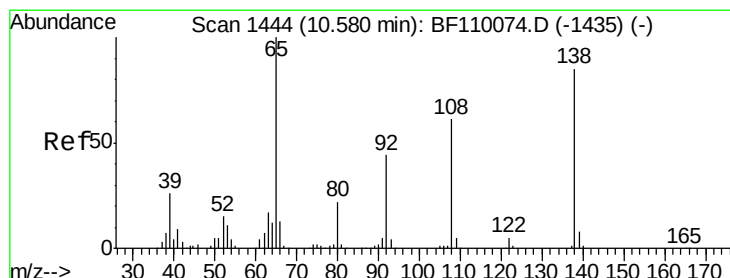
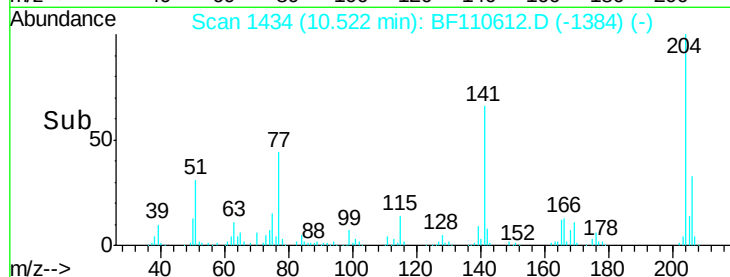
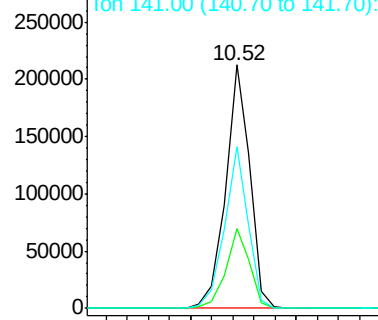
#61
4-Chlorophenyl-phenylether
Concen: 38.53 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 169005
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 66.5 51.8 77.8

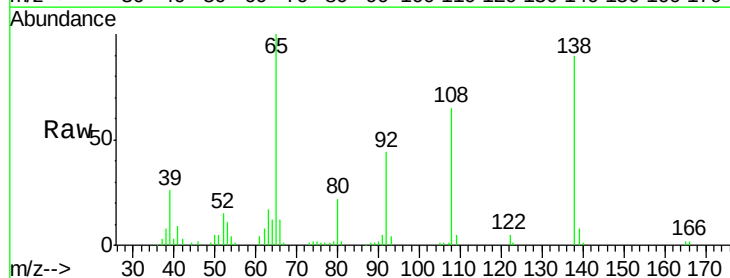


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

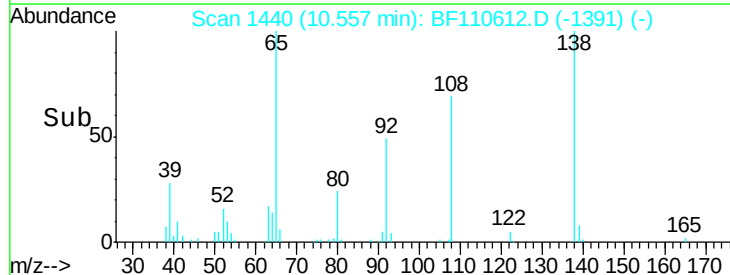
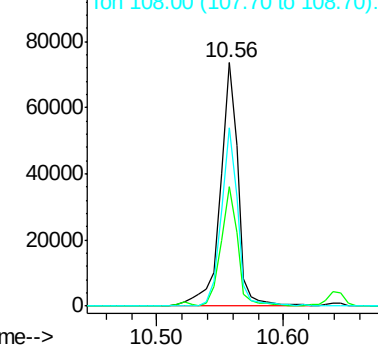


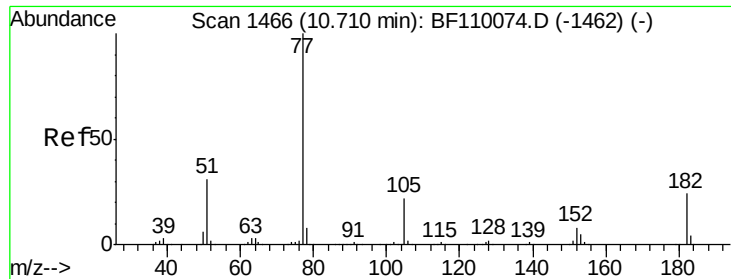
#62
4-Nitroaniline
Concen: 30.22 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:138 Resp: 71327
Ion Ratio Lower Upper
138 100
92 49.2 31.7 71.7
108 73.1 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

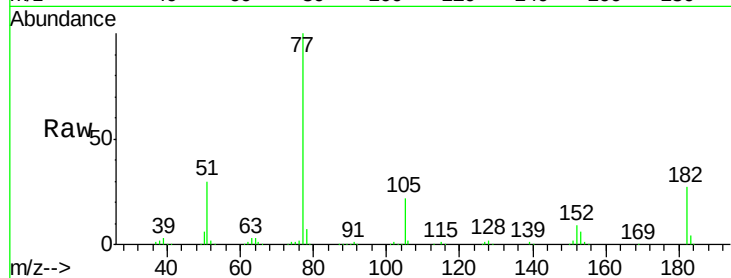




#63
Azobenzene
Concen: 39.80 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.3	44.3
105	22.2	1.3	41.3
51	30.0	9.0	49.0



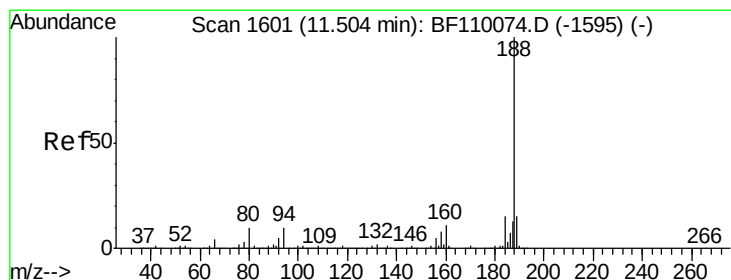
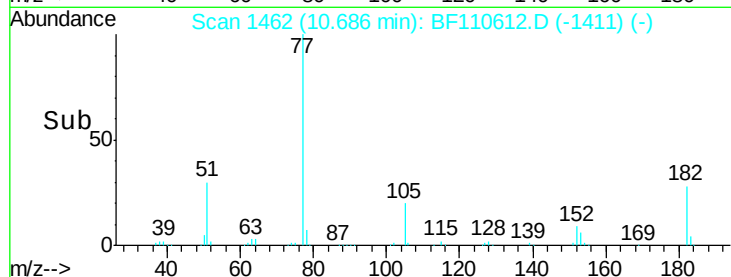
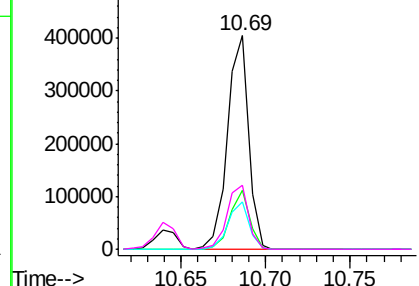
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

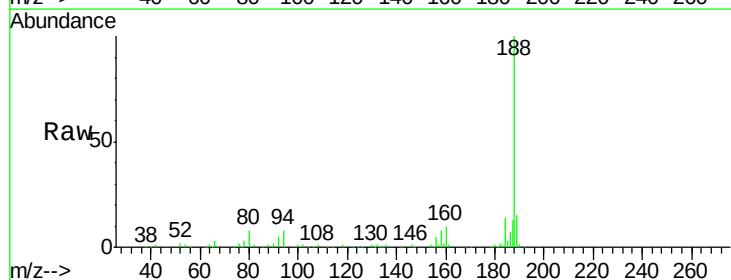
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.3	7.9	11.9

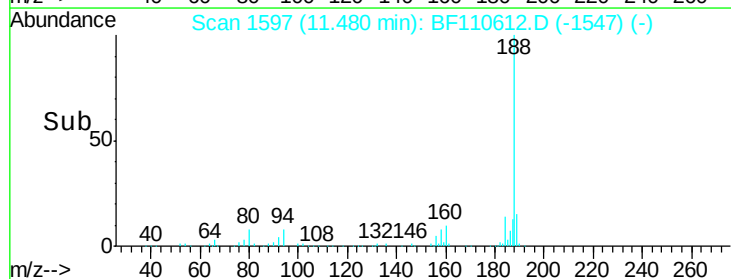
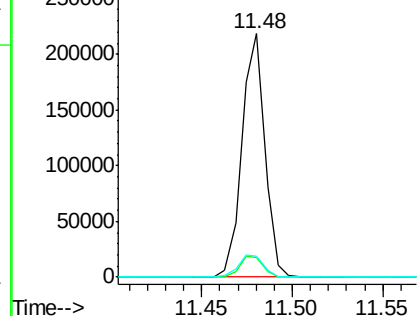


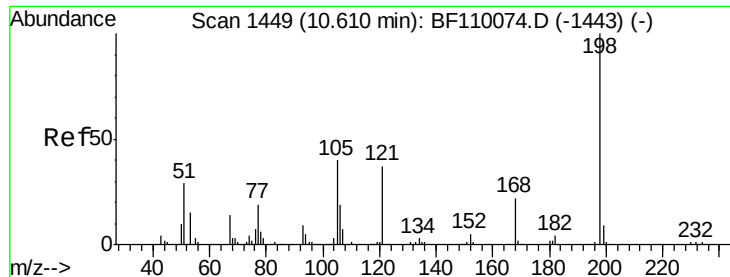
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

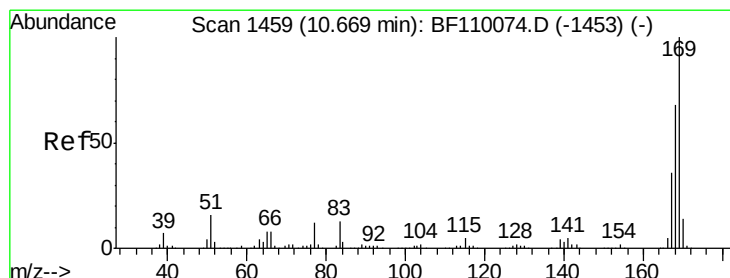
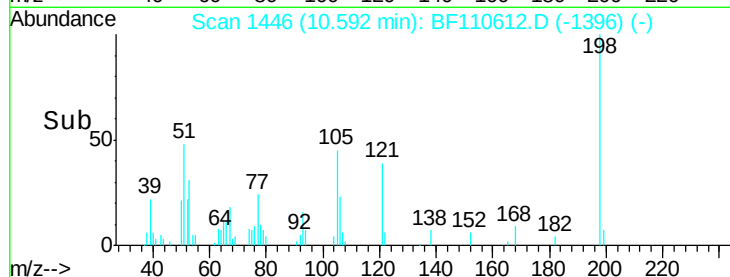
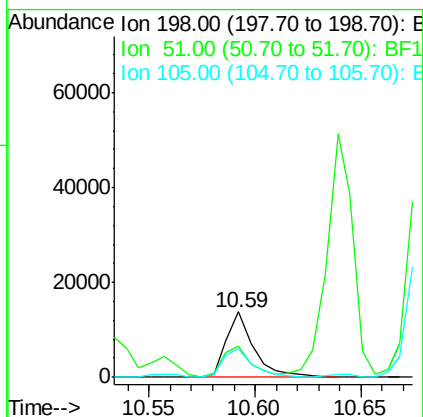
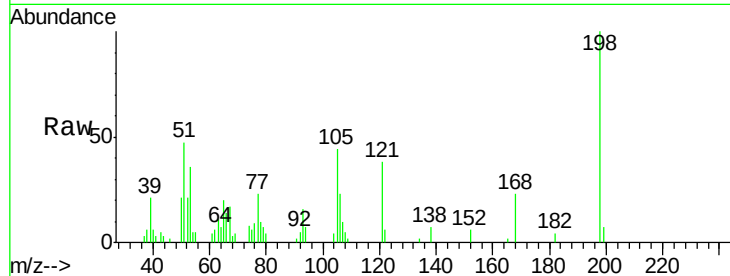




#65
4,6-Dinitro-2-methylphenol
Concen: 12.76 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

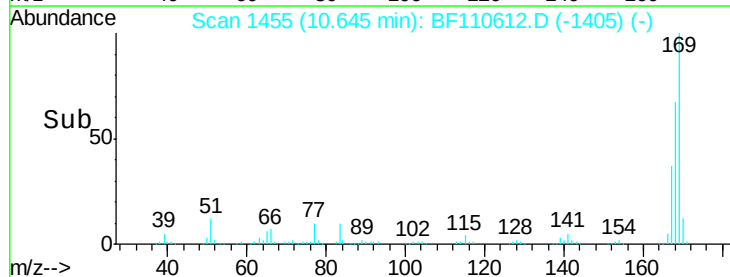
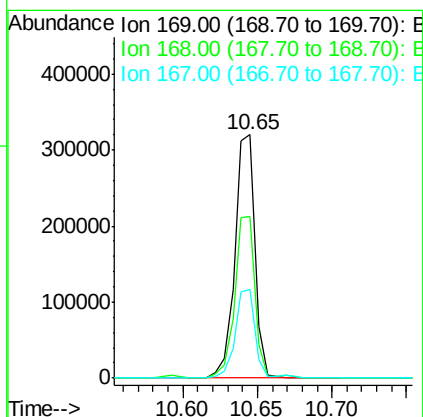
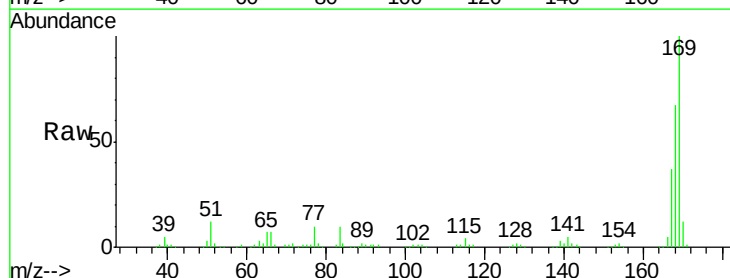
Instrument :
BNA_F
ClientSampleId :

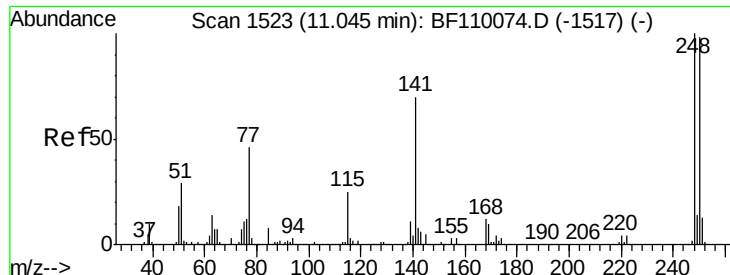
Tot Ion:198 Resp: 12357
Ion Ratio Lower Upper
198 100
51 47.2 22.8 62.8
105 43.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.77 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:169 Resp: 302905
Ion Ratio Lower Upper
169 100
168 66.6 51.2 76.8
167 36.5 27.8 41.6

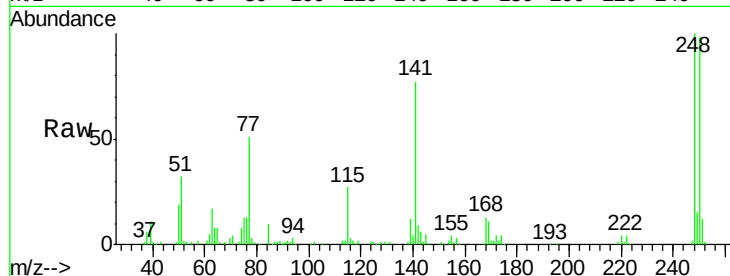




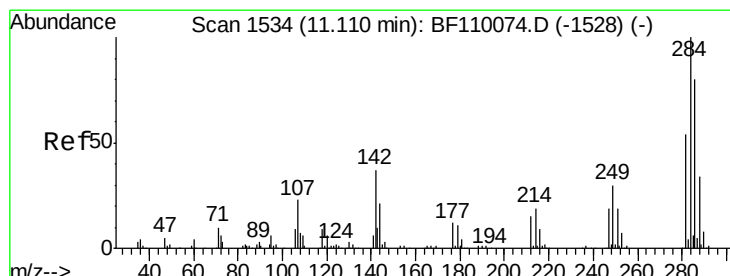
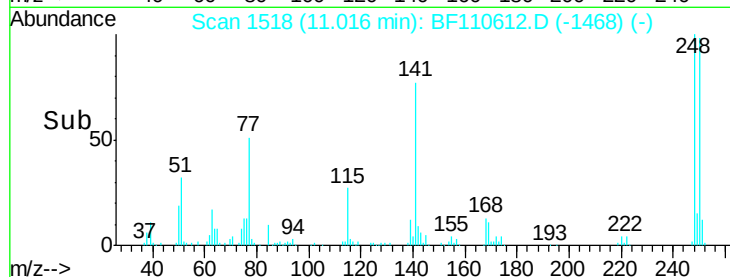
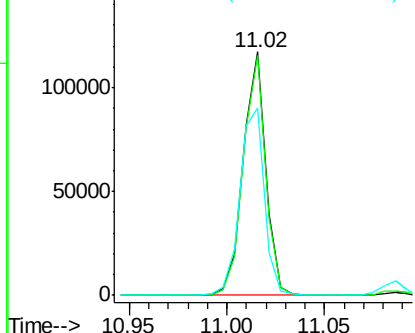
#67
 4-Bromophenyl-phenylether
 Concen: 44.26 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 93992
 Ion Ratio Lower Upper
 248 100
 250 98.3 79.4 119.2
 141 77.1 55.9 83.9

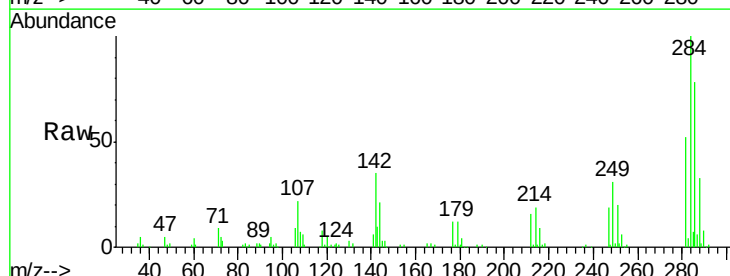


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

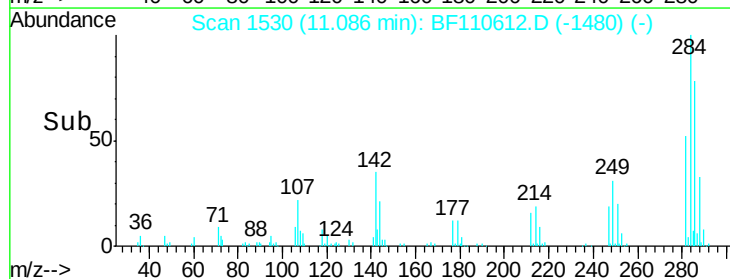
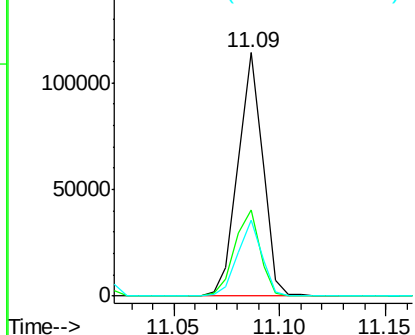


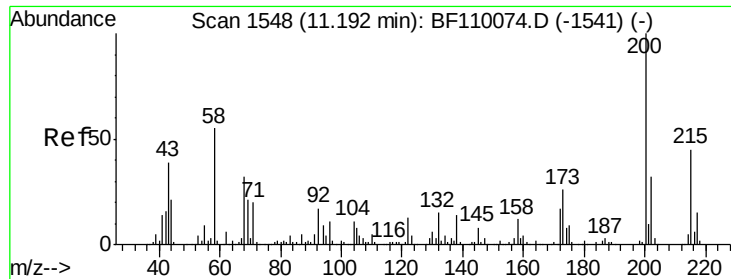
#68
 Hexachlorobenzene
 Concen: 41.30 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:284 Resp: 92487
 Ion Ratio Lower Upper
 284 100
 142 35.3 23.9 35.9
 249 31.4 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

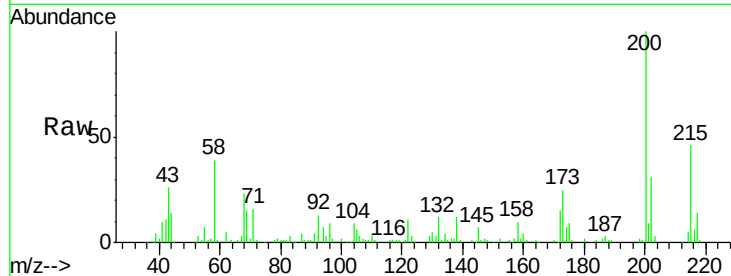




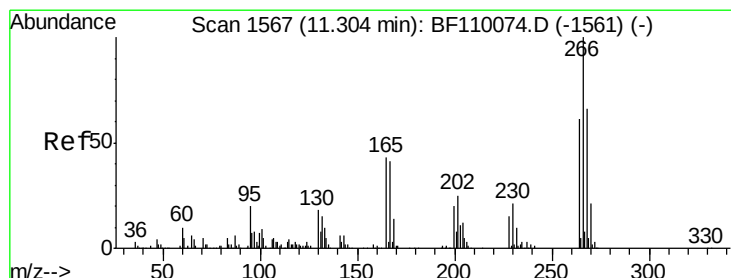
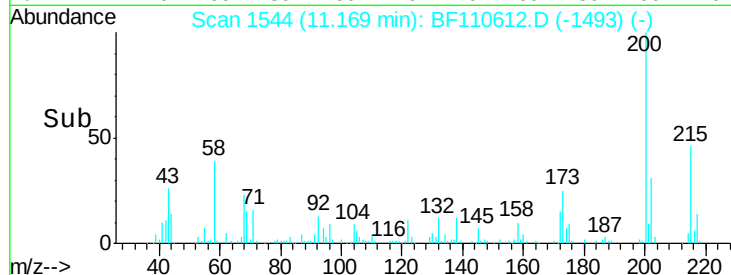
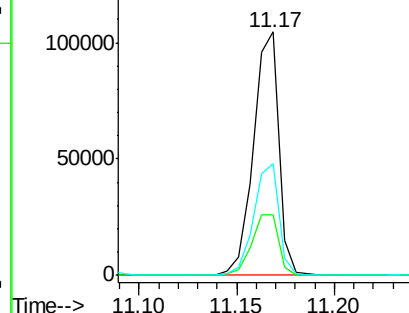
#69
 Atrazine
 Concen: 47.56 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 94194
 Ion Ratio Lower Upper
 200 100
 173 24.7 6.6 46.6
 215 45.9 26.3 66.3

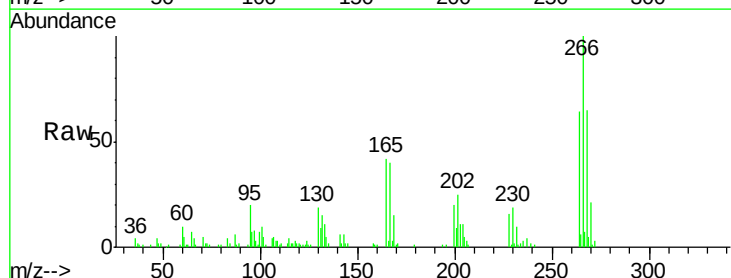


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

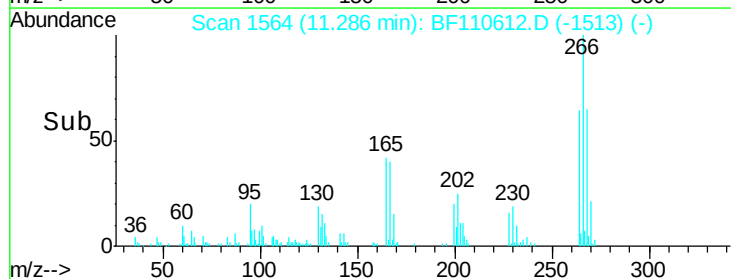
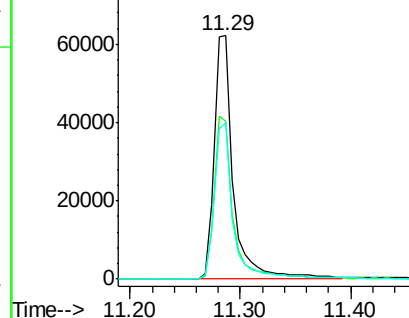


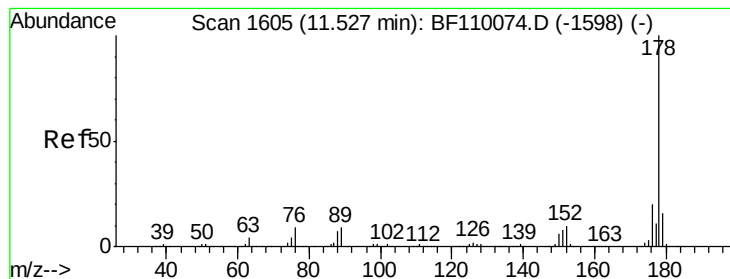
#70
 Pentachlorophenol
 Concen: 61.50 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:266 Resp: 73482
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.6 75.8
 264 64.3 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: 43.14 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

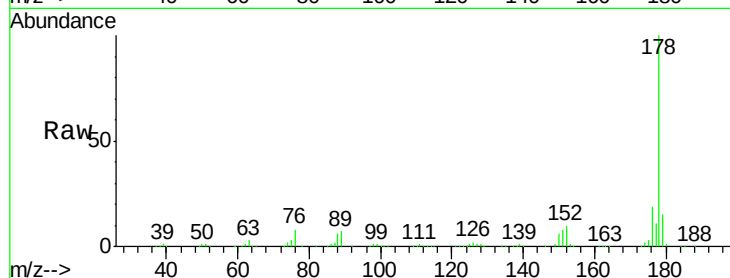
Tot Ion:178 Resp: 444179

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

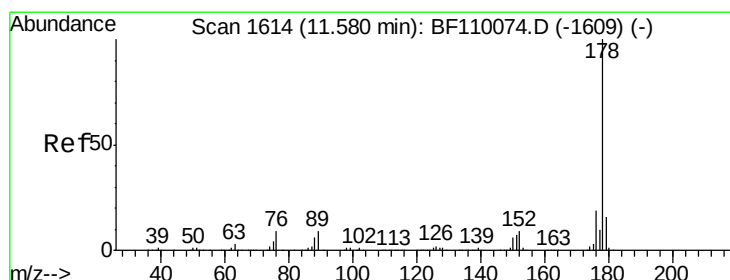
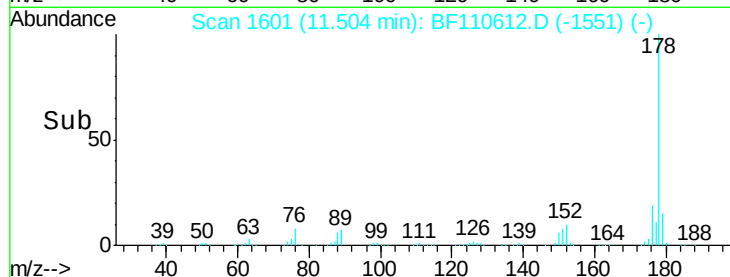
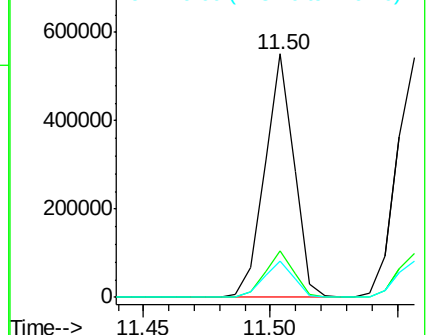
179 15.0 12.5 18.7



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: 44.14 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

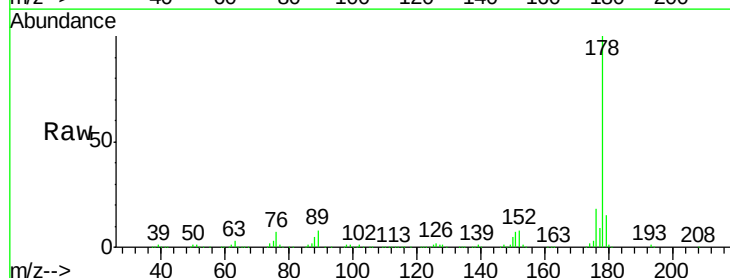
Tgt Ion:178 Resp: 458404

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

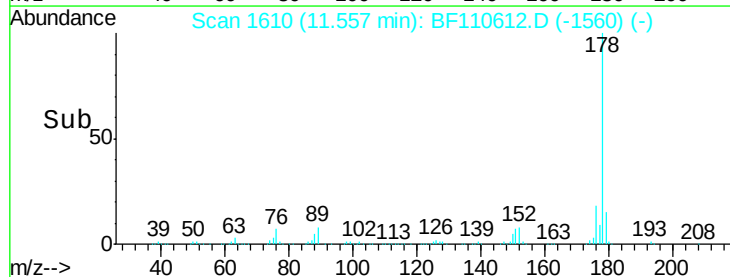
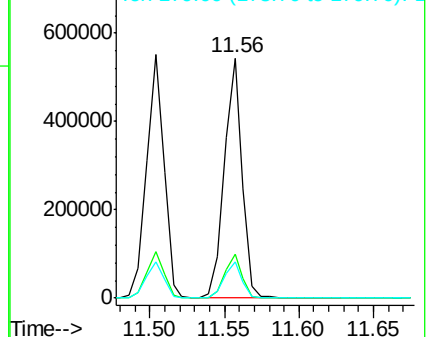
179 15.3 12.6 18.8

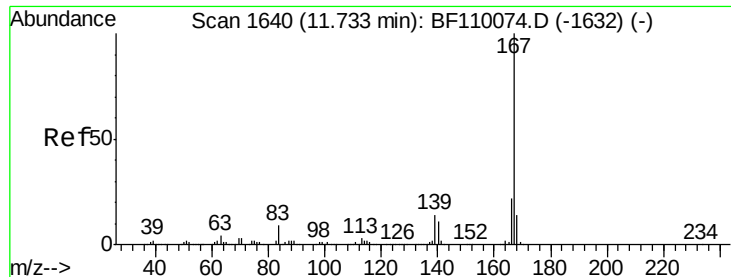


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

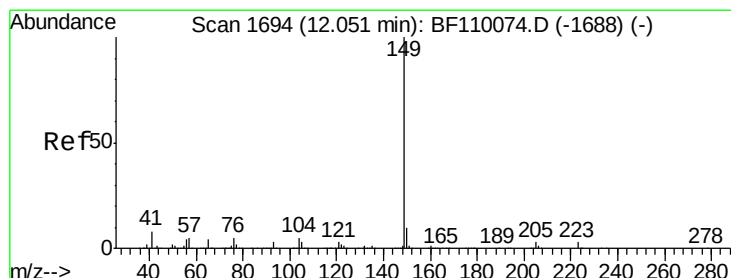
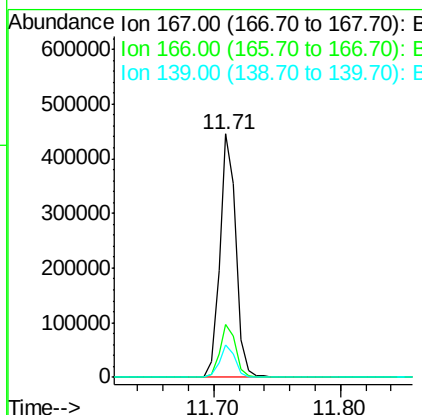
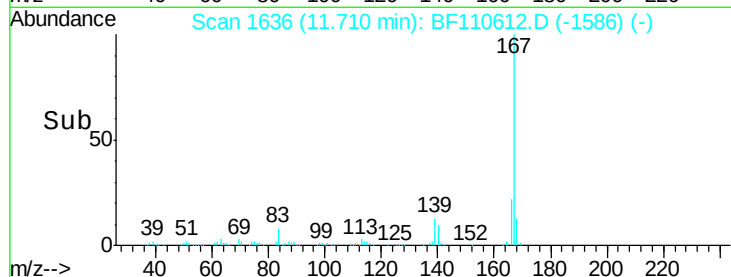
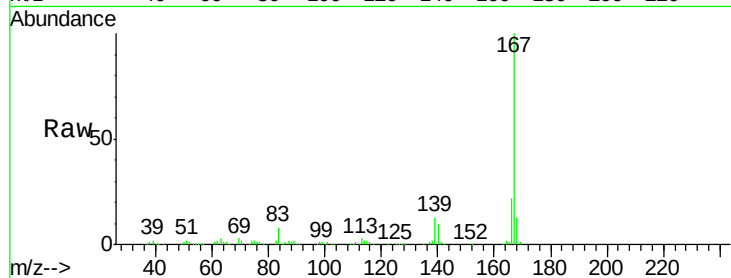




#73
 Carbazole
 Concen: 39.54 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

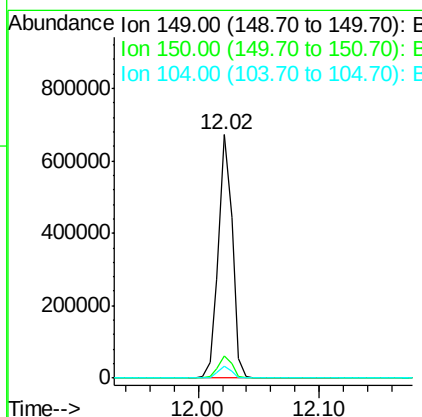
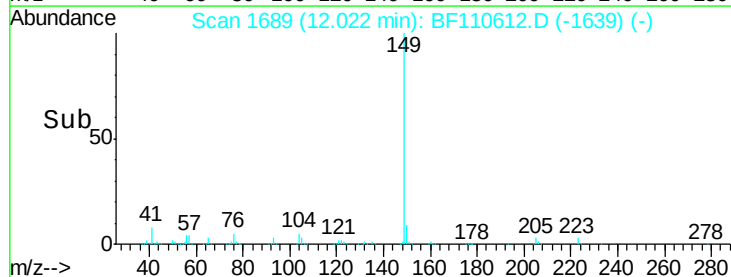
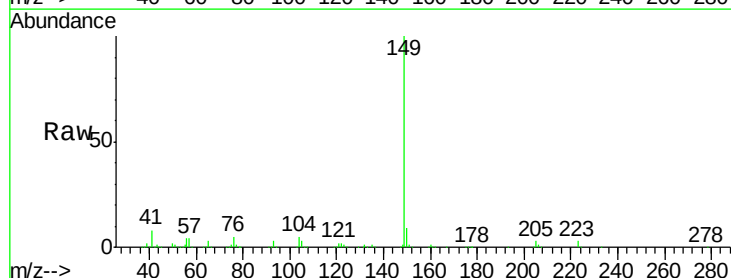
Instrument :
 BNA_F
 ClientSampleId :

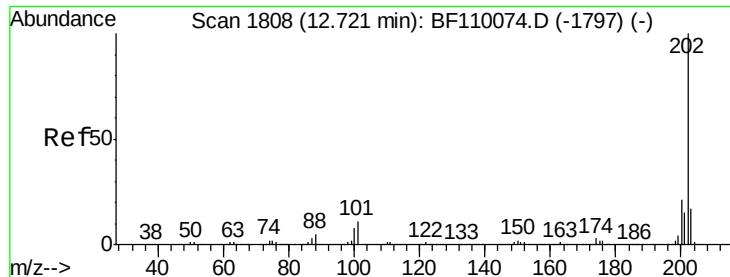
Tot Ion:167 Resp: 394322
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.24 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110612.D
 Acq: 9 Nov 2018 4:32

Tgt Ion:149 Resp: 529086
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.8 4.2 6.4

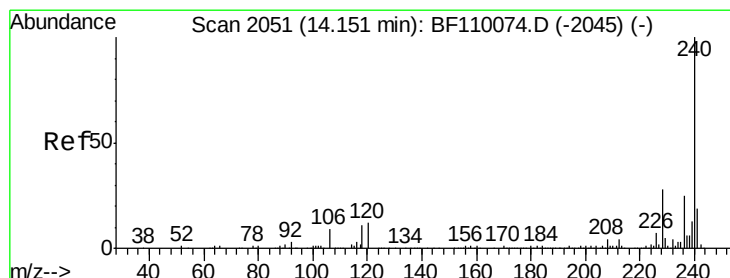
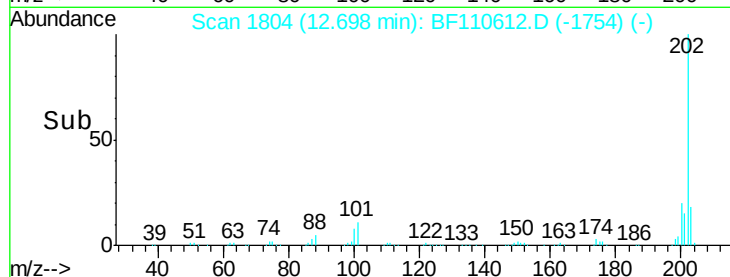
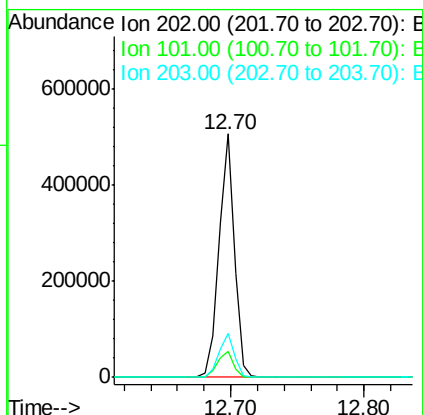
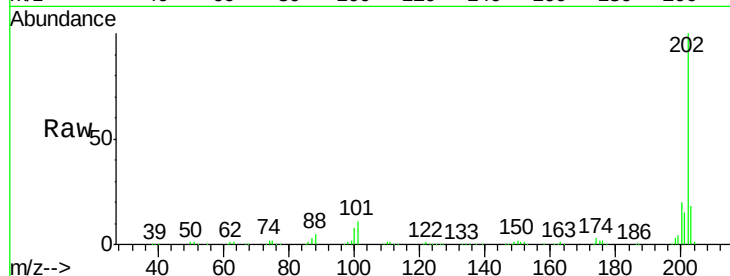




#75
Fluoranthene
Concen: 40.23 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

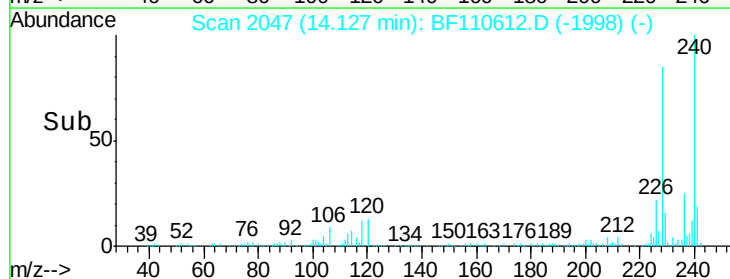
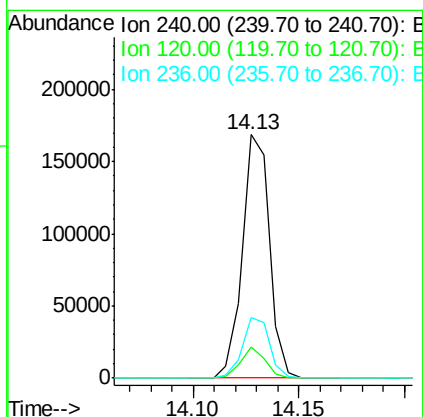
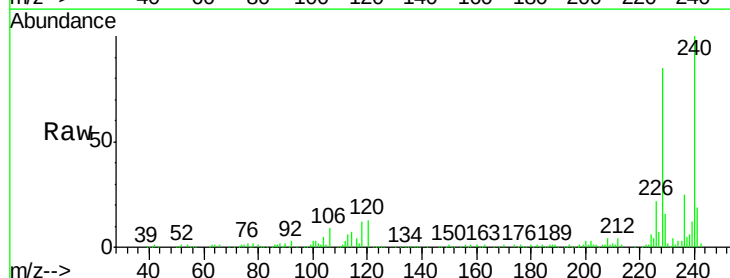
Instrument :
BNA_F
ClientSampleId :

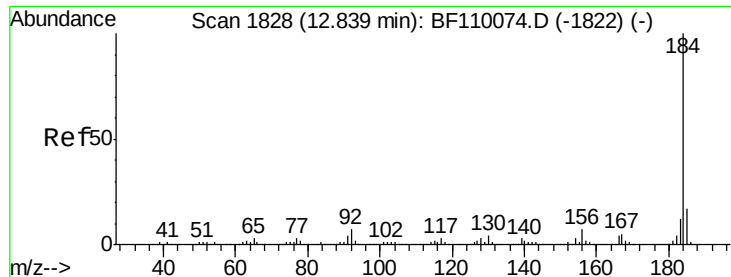
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	18.0	0.0	37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	24.9	21.2	31.8

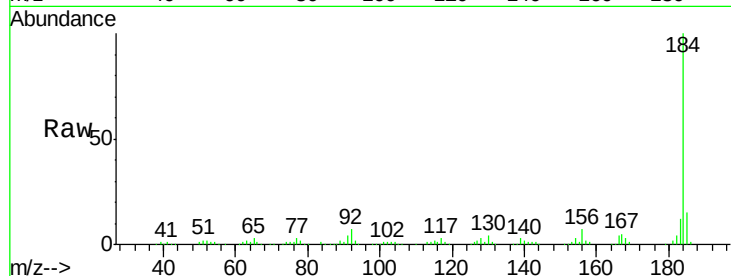




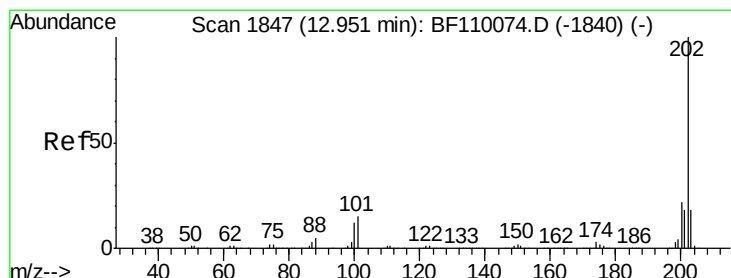
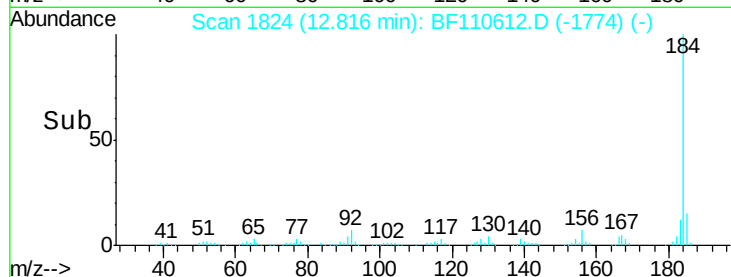
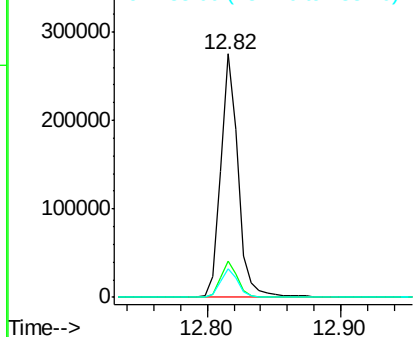
#77
Benzidine
Concen: 61.84 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 254291
Ion Ratio Lower Upper
184 100
185 14.9 13.4 20.2
183 11.8 9.4 14.2

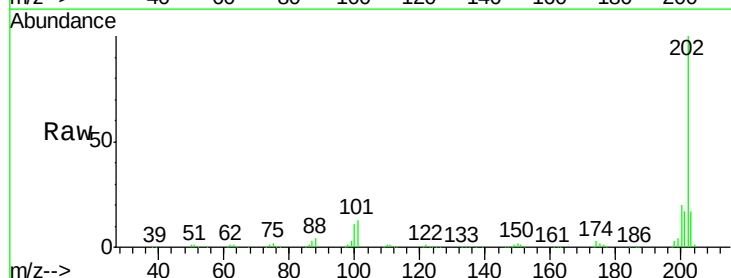


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

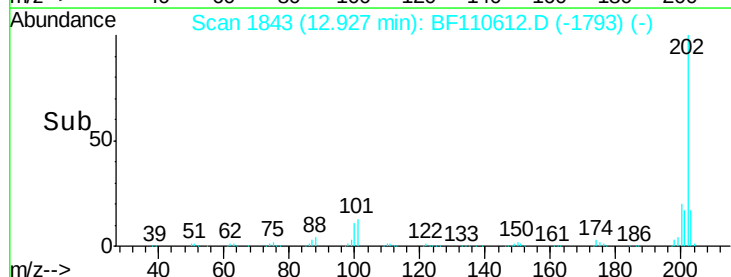
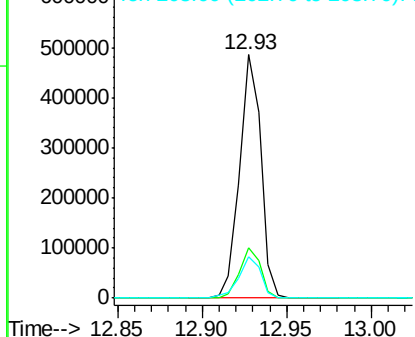


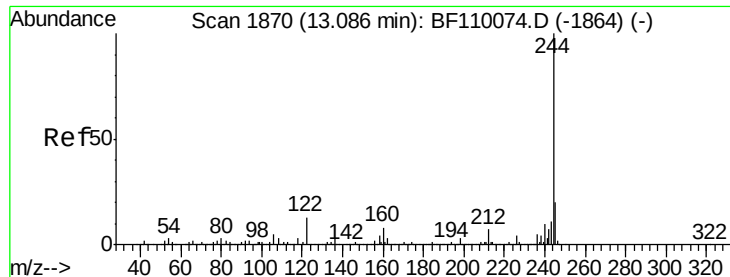
#78
Pyrene
Concen: 37.18 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:202 Resp: 428131
Ion Ratio Lower Upper
202 100
200 20.5 17.8 26.6
203 17.1 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: 63.47 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleId :

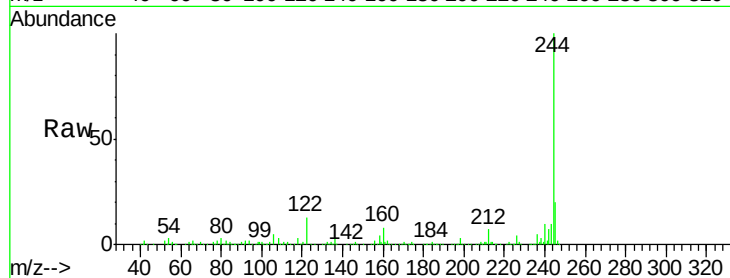
Tot Ion:244 Resp: 506790

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

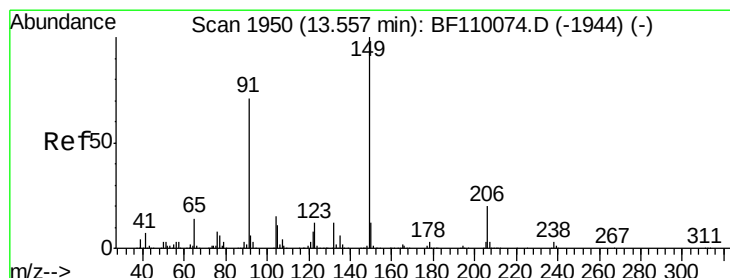
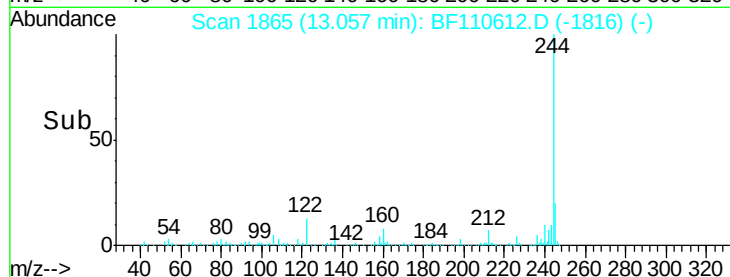
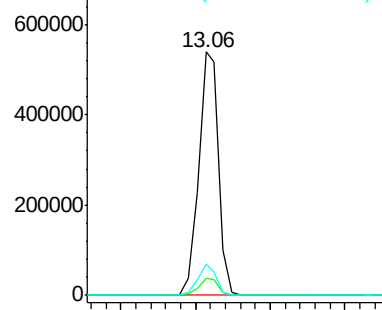
122 12.9 8.7 13.1



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: 39.18 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

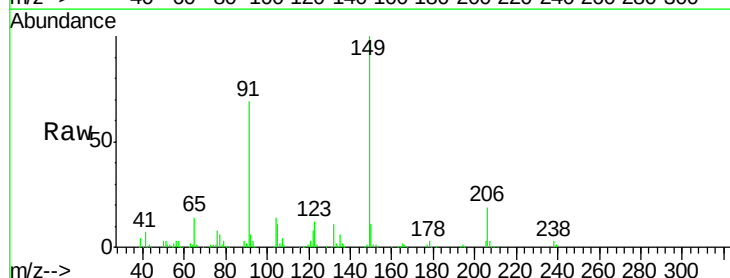
Tgt Ion:149 Resp: 194154

Ion Ratio Lower Upper

149 100

91 68.8 57.2 85.8

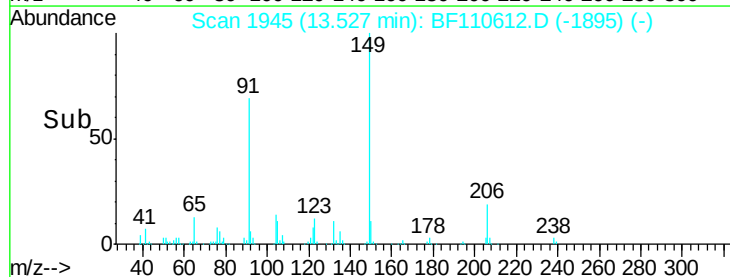
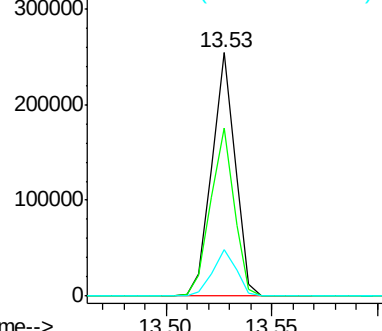
206 19.3 15.7 23.5

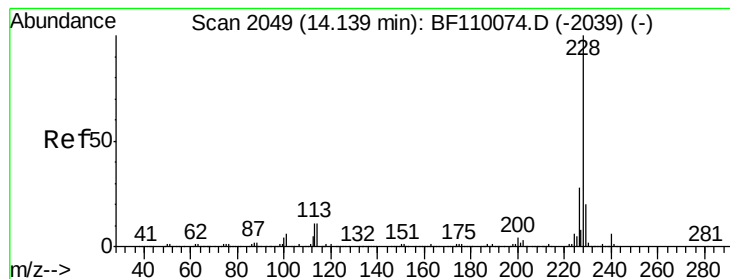


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.99 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampled :

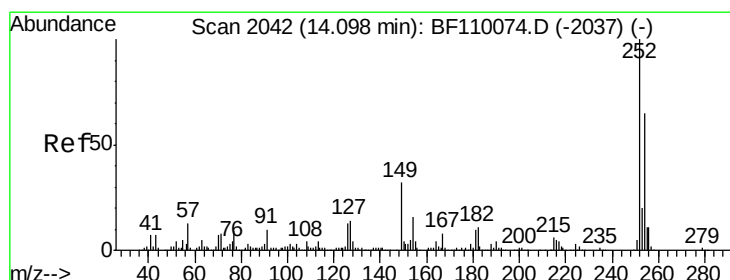
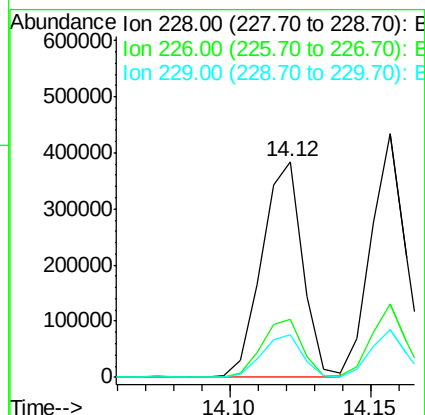
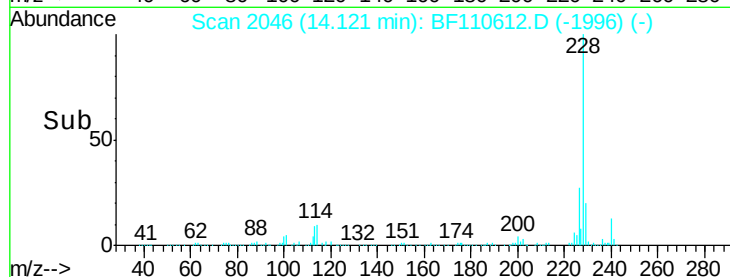
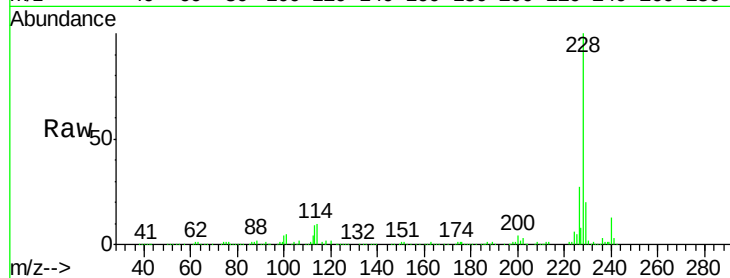
Tot Ion:228 Resp: 384242

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 36.39 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

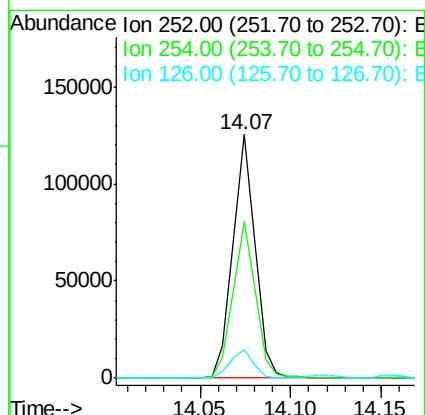
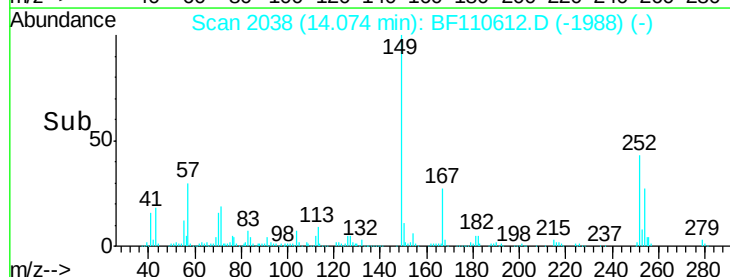
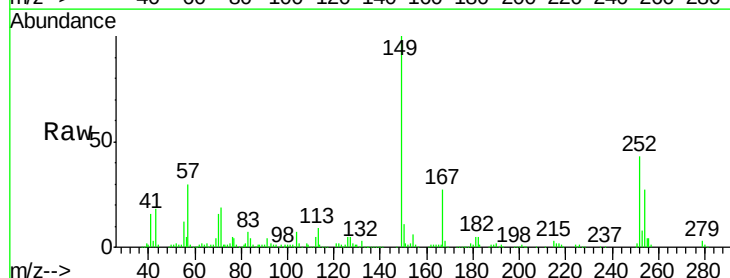
Tgt Ion:252 Resp: 108950

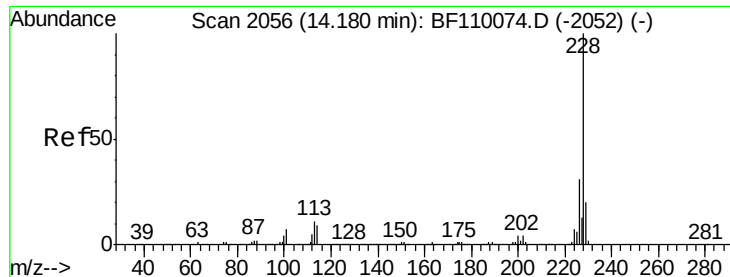
Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

126 12.0 9.4 14.2





#83

Chrysene

Concen: 42.41 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

Instrument :

BNA_F

ClientSampleID :

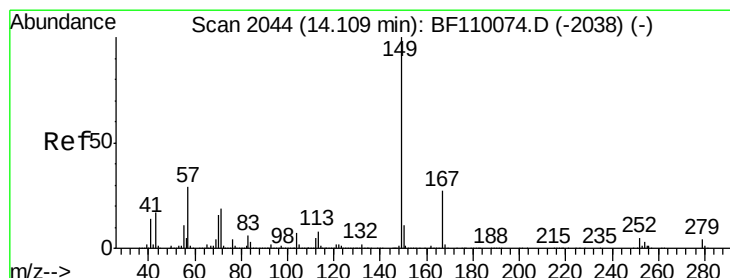
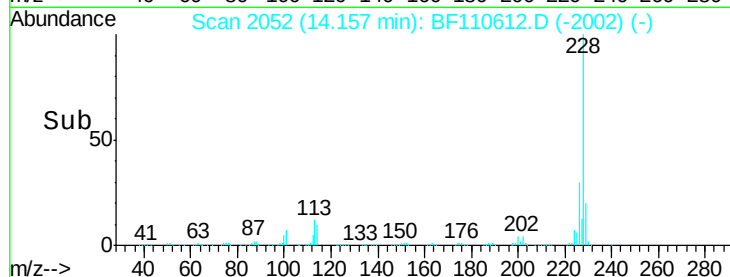
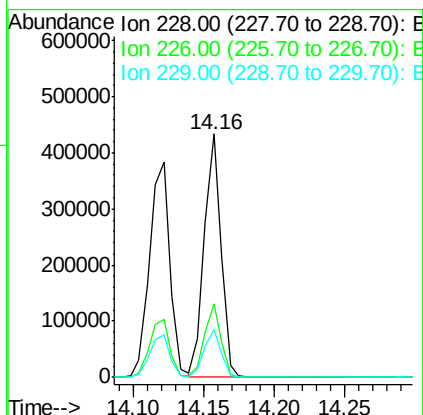
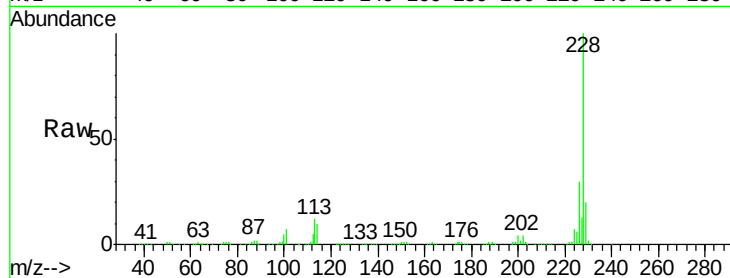
Tot Ion:228 Resp: 361175

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.95 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110612.D

Acq: 9 Nov 2018 4:32

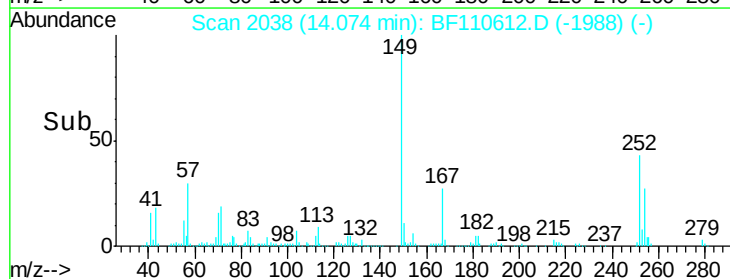
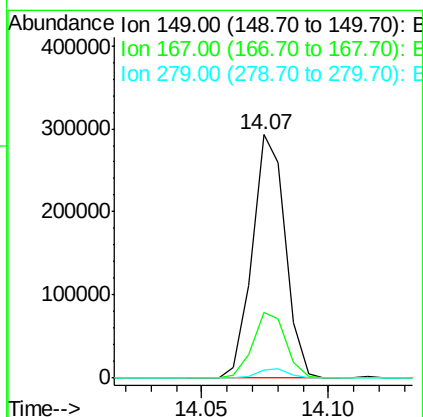
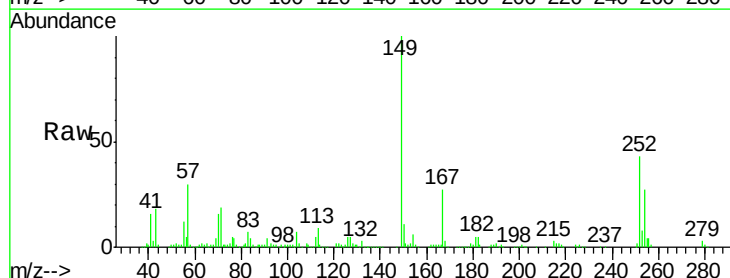
Tgt Ion:149 Resp: 264040

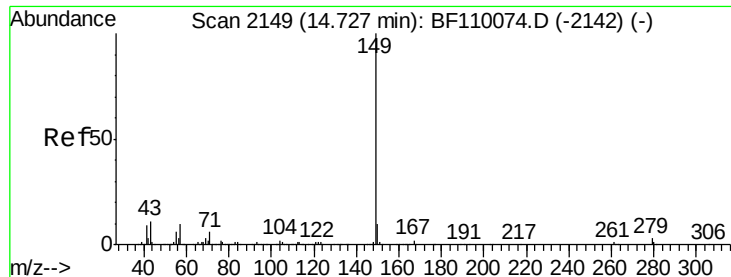
Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

279 3.2 2.7 4.1

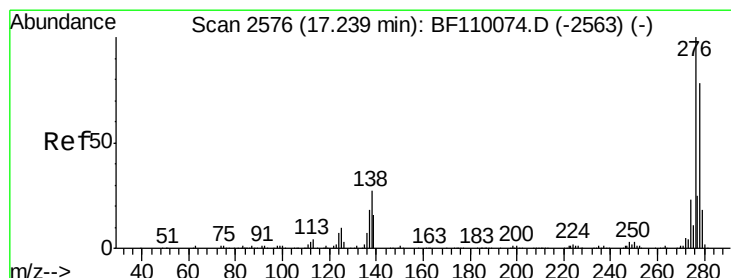
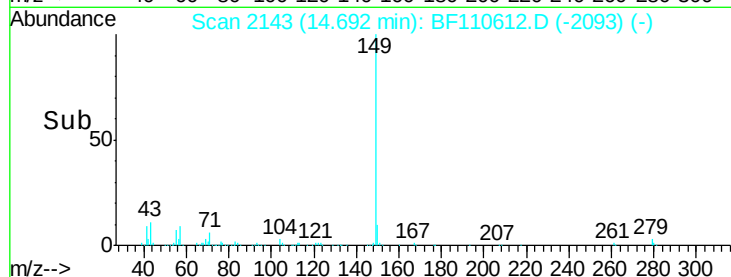
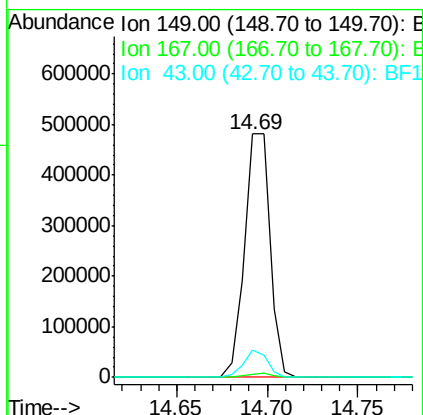
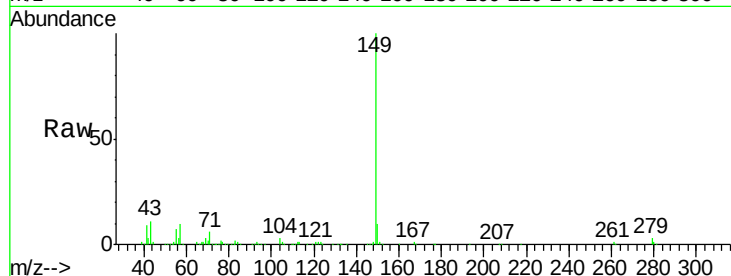




#85
Di-n-octyl phthalate
Concen: 52.11 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

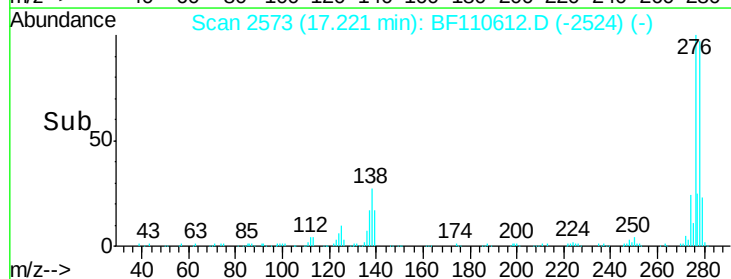
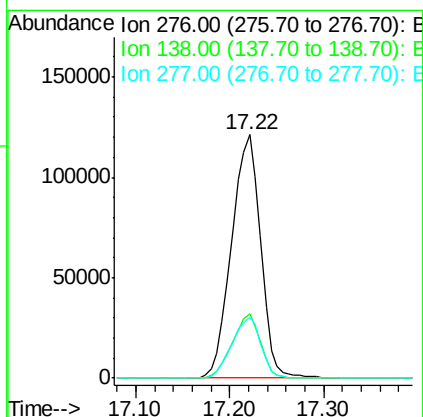
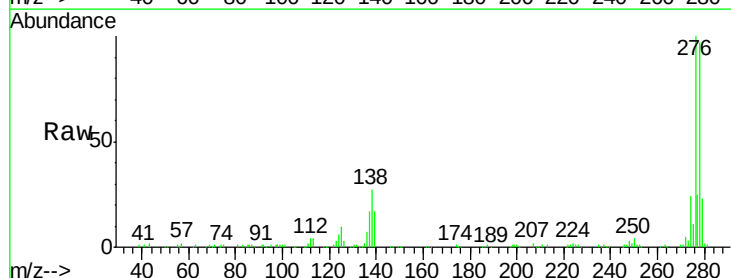
Instrument :
BNA_F
ClientSampleId :

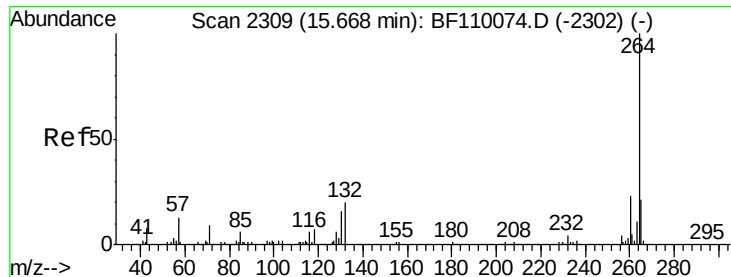
Tot Ion:149 Resp: 471122
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.3 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.62 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:276 Resp: 260405
Ion Ratio Lower Upper
276 100
138 25.6 18.5 27.7
277 25.0 20.0 30.0

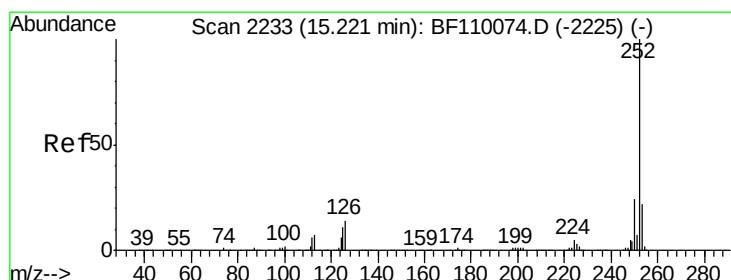
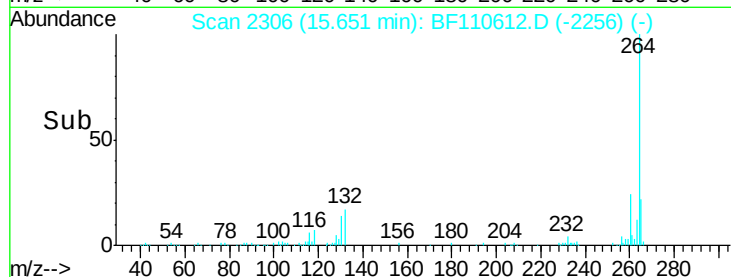
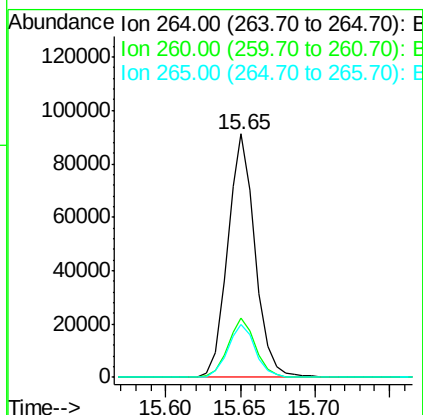
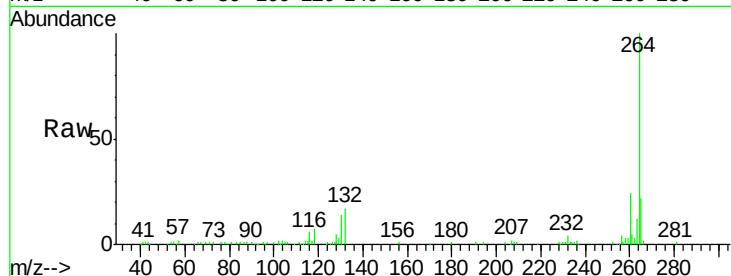




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

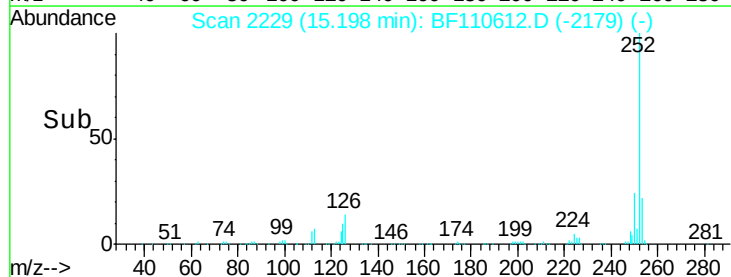
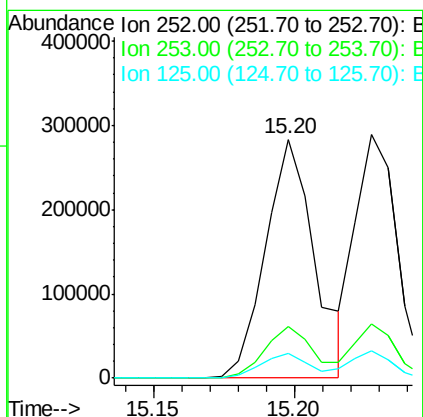
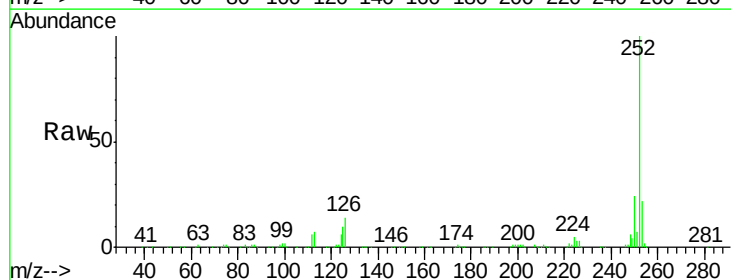
Instrument :
BNA_F
ClientSampleId :

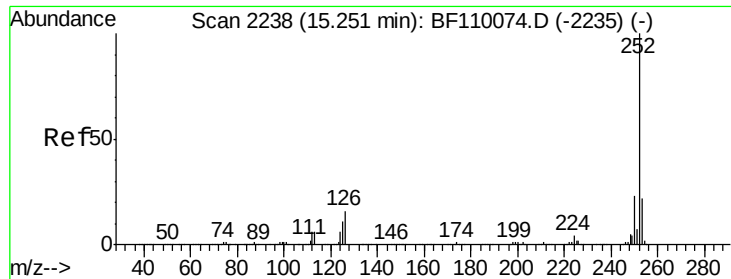
Tot Ion:264 Resp: 117009
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.6 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 48.91 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:252 Resp: 342378
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.5 8.2 12.4

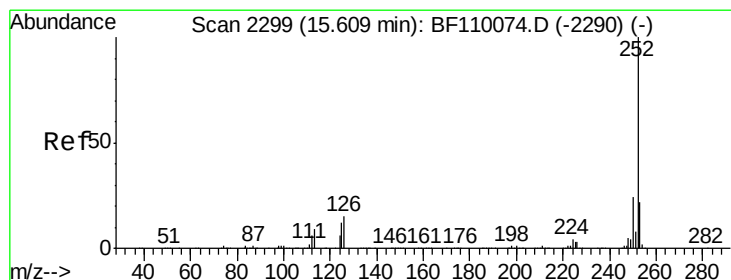
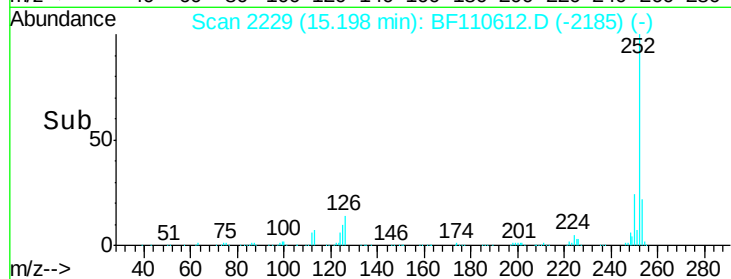
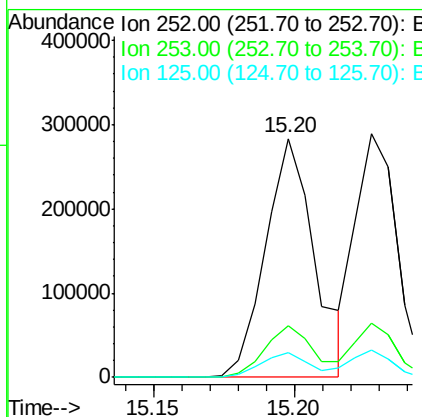
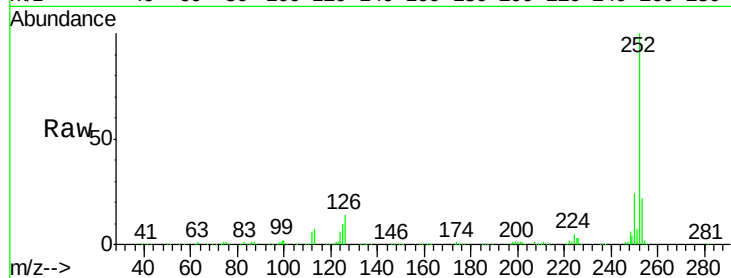




#89
Benzo(k)fluoranthene
Concen: 49.50 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

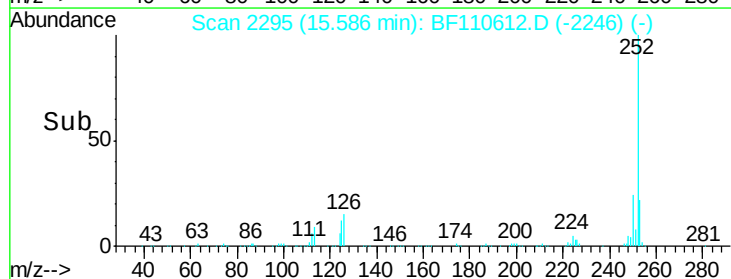
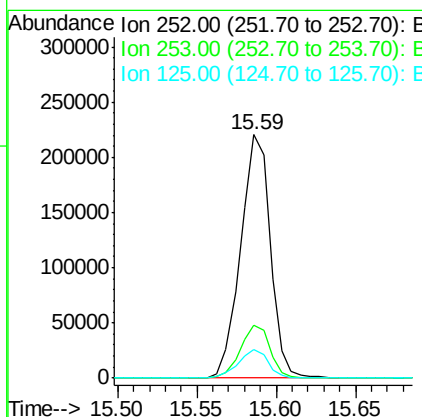
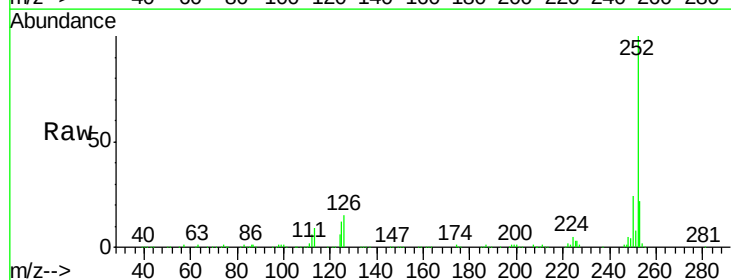
Instrument :
BNA_F
ClientSampleId :

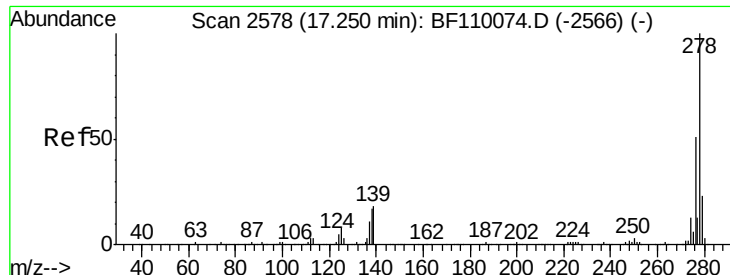
Tot Ion:252 Resp: 342378
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.22 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:252 Resp: 287608
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 12.0 9.0 13.6



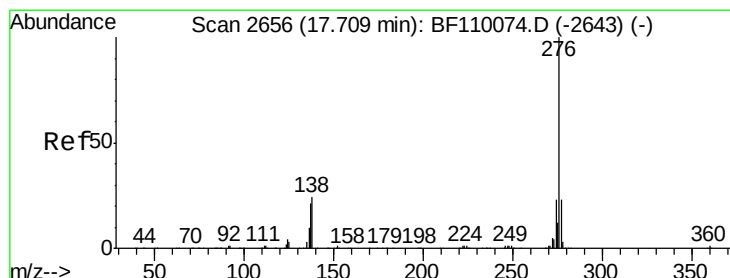
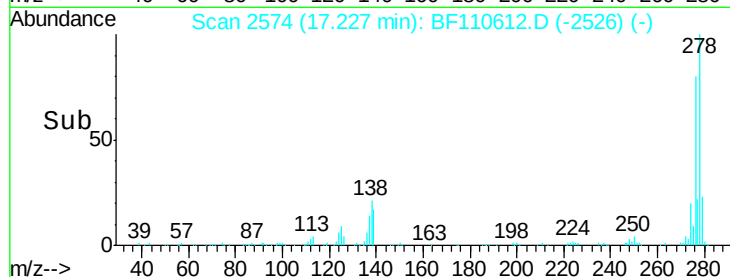
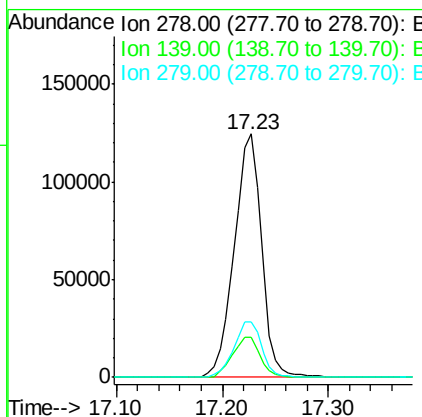
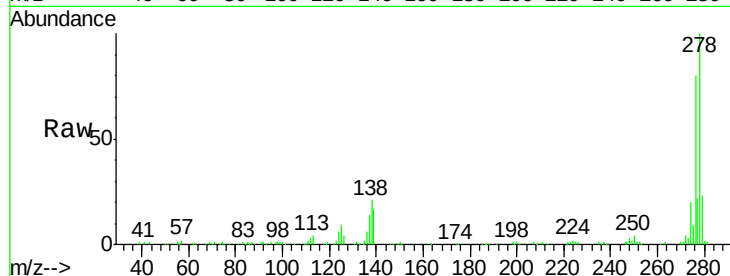


#91
Dibenzo(a,h)anthracene
Concen: 41.33 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 222439

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	22.7	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 38.67 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BF110612.D
Acq: 9 Nov 2018 4:32

Tgt Ion:276 Resp: 206478

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.5	16.0	24.0

