

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103090.D
 Acq On : 19 Feb 2018 18:44
 Operator : SJ/JU
 Sample : J1392-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 00:16:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	178631	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	749181	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	331025	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	531076	20.00	ng	0.00
75) Chrysene-d12	14.05	240	301135	20.00	ng	0.00
86) Perylene-d12	15.54	264	319735	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1377094	117.08	ng	0.03
7) Phenol-d6	6.52	99	1583549	111.81	ng	0.01
23) Nitrobenzene-d5	7.45	82	1180054	109.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	360051	135.14	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1789902	89.72	ng	0.00
78) Terphenyl-d14	12.99	244	1383001	108.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.87	88	232245	39.98	ng	88
3) Pyridine	3.57	79	440610	27.45	ng	93
4) n-Nitrosodimethylamine	3.53	42	314944	45.86	ng	100
6) Aniline	6.55	93	146950	7.03	ng	95
8) 2-Chlorophenol	6.67	128	539957	44.59	ng	100
9) Benzaldehyde	6.43	77	75976	7.22	ng	89
10) Phenol	6.53	94	600253	39.55	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	564118	44.67	ng	91
12) 1,3-Dichlorobenzene	6.82	146	586848	41.85	ng	99
13) 1,4-Dichlorobenzene	6.90	146	597421	42.77	ng	99
14) 1,2-Dichlorobenzene	7.05	146	538453	41.39	ng	99
15) Benzyl Alcohol	7.02	79	457770	42.04	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	966426	40.28	ng	96
17) 2-Methylphenol	7.14	107	462763	41.43	ng	95
18) Hexachloroethane	7.39	117	221675	46.28	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	380876	40.79	ng	99
20) 3+4-Methylphenols	7.29	107	545358	39.59	ng	# 57
22) Acetophenone	7.29	105	743077	40.53	ng	# 91
24) Nitrobenzene	7.47	77	621500	48.93	ng	95
25) Isophorone	7.70	82	1158928	46.60	ng	100
26) 2-Nitrophenol	7.78	139	329077	60.34	ng	96
27) 2,4-Dimethylphenol	7.82	122	536645	51.08	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	726548	49.32	ng	99
29) 2,4-Dichlorophenol	8.02	162	468354	49.04	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	468863	43.39	ng	98
31) Naphthalene	8.19	128	2280721	62.31	ng	99
32) Benzoic acid	7.96	122	377829	50.06	ng	96
33) 4-Chloroaniline	8.23	127	60019	3.81	ng	94
34) Hexachlorobutadiene	8.29	225	233439	42.16	ng	98
35) Caprolactam	8.62	113	100655	30.35	ng	# 85
36) 4-Chloro-3-methylphenol	8.72	107	524603	48.89	ng	99
37) 2-Methylnaphthalene	8.87	142	1130740	47.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	403736	44.79	ng	99
40) Hexachlorocyclopentadiene	9.02	237	235340	54.93	ng	98

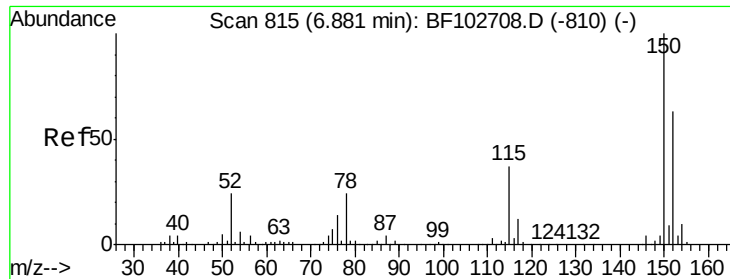
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	295968	49.99	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	314673	47.16	nq	99
45) 1,1'-Biphenyl	9.34	154	1212667	43.49	nq	99
46) 2-Chloronaphthalene	9.37	162	964161	43.93	nq	97
47) 2-Nitroaniline	9.46	65	349972	51.40	nq	87
48) Acenaphthylene	9.79	152	1460770	42.85	nq	99
49) Dimethylphthalate	9.64	163	1218542	47.21	nq	99
50) 2,6-Dinitrotoluene	9.71	165	267975	54.57	nq	90
51) Acenaphthene	9.96	154	839778	41.19	nq	99
52) 3-Nitroaniline	9.87	138	64045	10.60	nq	97
53) 2,4-Dinitrophenol	9.99	184	210410	104.69	nq	# 22
54) Dibenzofuran	10.13	168	1237666	43.08	nq	97
55) 4-Nitrophenol	10.05	139	370233	74.84	nq	90
56) 2,4-Dinitrotoluene	10.12	165	336378	50.88	nq	94
57) Fluorene	10.47	166	962022	46.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	232822	50.34	nq	99
59) Diethylphthalate	10.34	149	1129575	44.32	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	426492	46.12	nq	99
61) 4-Nitroaniline	10.49	138	246409	42.84	nq	95
62) Azobenzene	10.62	77	1098458	43.14	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	143443	59.96	nq	94
65) n-Nitrosodiphenylamine	10.58	169	846096	45.17	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	269891	48.04	nq	90
67) Hexachlorobenzene	11.02	284	279301	45.07	nq	# 90
68) Atrazine	11.10	200	201954	36.54	nq	97
69) Pentachlorophenol	11.22	266	270089	74.24	nq	97
70) Phenanthrene	11.43	178	1301796	44.01	nq	99
71) Anthracene	11.49	178	1341820	44.60	nq	100
72) Carbazole	11.64	167	1223891	41.53	nq	99
73) Di-n-butylphthalate	11.96	149	1669483	46.63	nq	100
74) Fluoranthene	12.62	202	1163674	39.10	nq	97
77) Pyrene	12.86	202	1128104	47.77	nq	100
79) Butylbenzylphthalate	13.46	149	614732	54.29	nq	97
80) Benzo(a)anthracene	14.04	228	926070	48.90	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	112047	15.96	nq	99
82) Chrysene	14.08	228	860434	45.07	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	838288	57.95	nq	100
84) Di-n-octyl phthalate	14.64	149	1339468	61.67	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	902292	56.99	nq	99
87) Benzo(b)fluoranthene	15.11	252	912274	44.01	nq	96
88) Benzo(k)fluoranthene	15.14	252	910932	45.99	nq	99
89) Benzo(a)pyrene	15.49	252	898546	48.16	nq	97
90) Dibenzo(a,h)anthracene	17.08	278	755000	49.85	nq	99
91) Benzo(g,h,i)perylene	17.52	276	732761	49.43	nq	94

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

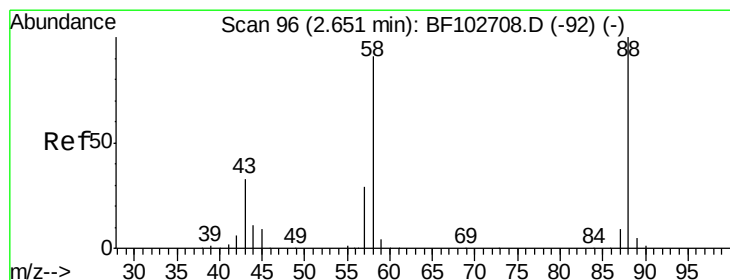
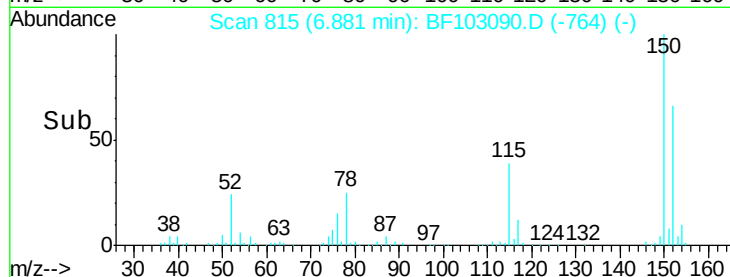
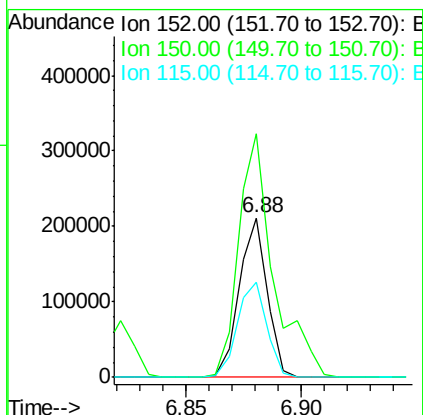
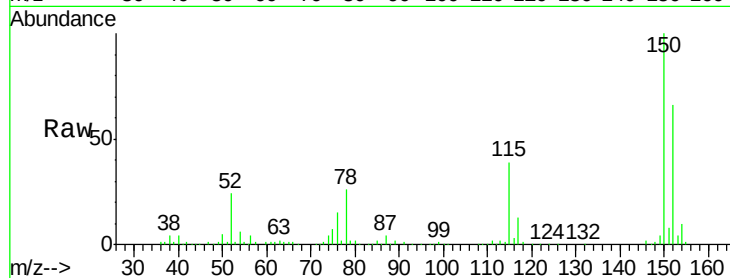


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampled :

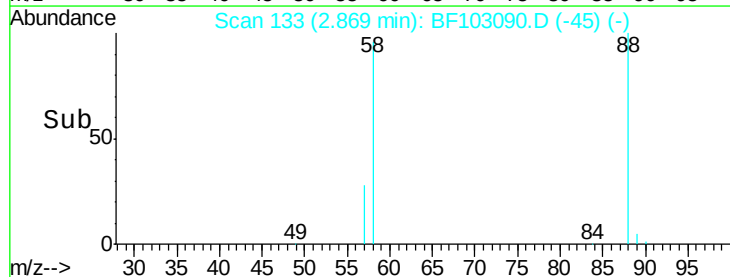
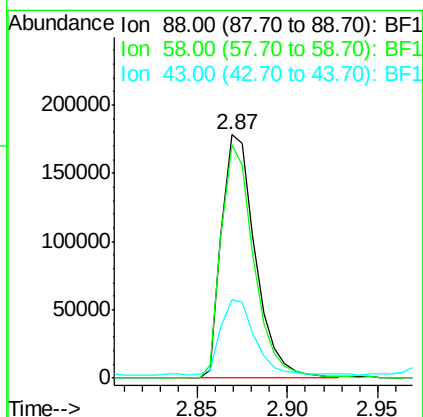
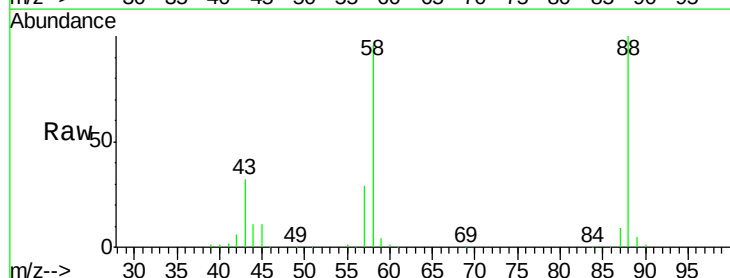
Tot Ion:152 Resp: 178631
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 59.8 50.1 75.1

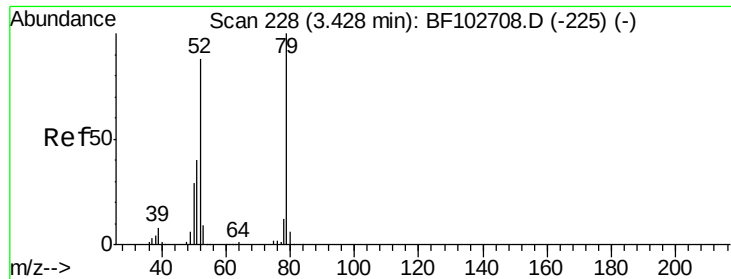


#2

1,4-Dioxane
Concen: 39.98 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.22 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion: 88 Resp: 232245
Ion Ratio Lower Upper
88 100
58 92.6 62.6 93.8
43 31.3 24.6 37.0





#3

Pvridine

Concen: 27.45 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.15 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampled :

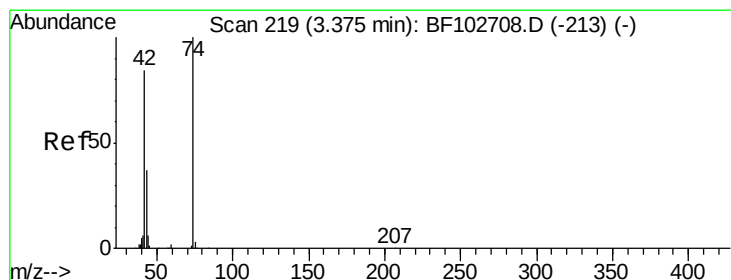
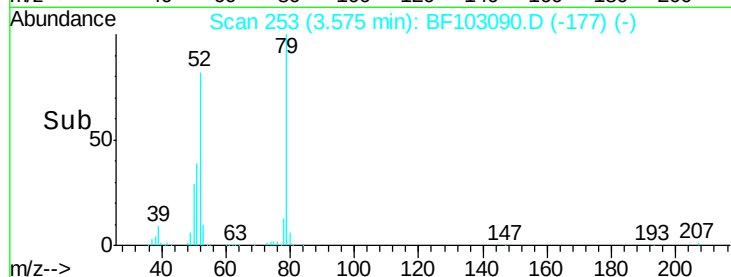
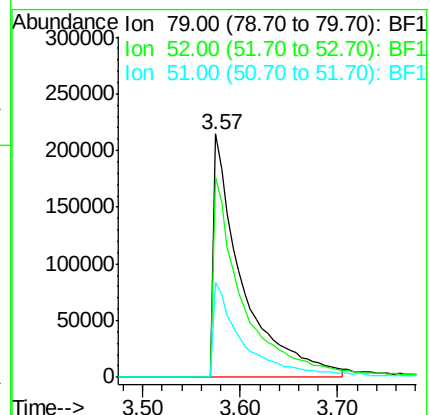
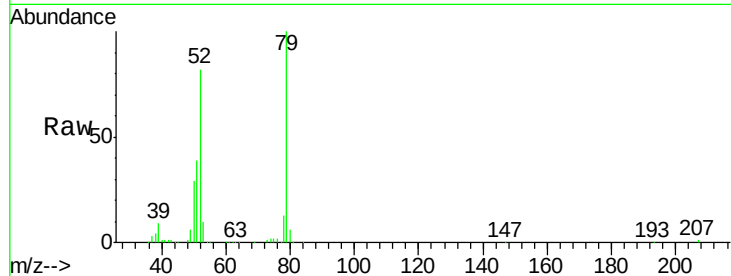
Tot Ion: 79 Resp: 440610

Ion Ratio Lower Upper

79 100

52 82.2 59.8 89.6

51 39.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 45.86 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.14 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

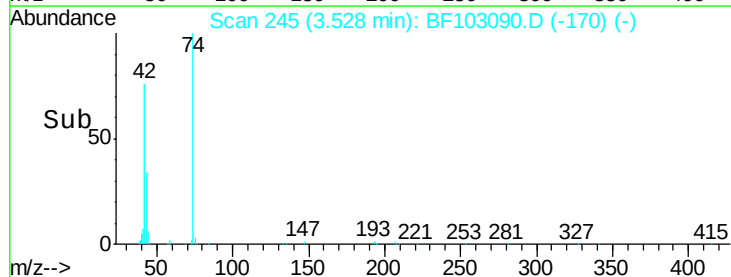
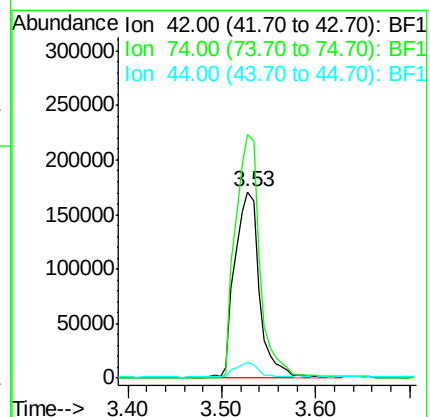
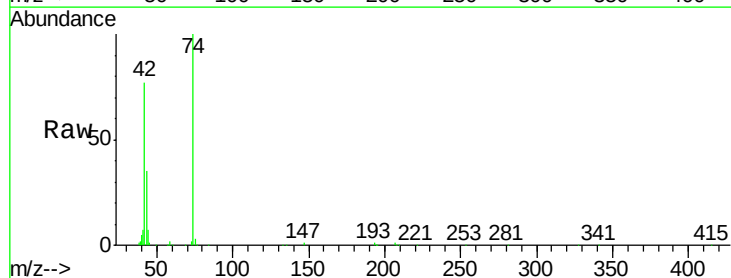
Tgt Ion: 42 Resp: 314944

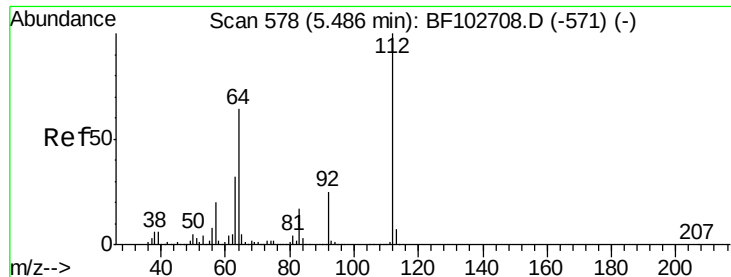
Ion Ratio Lower Upper

42 100

74 130.6 104.9 157.3

44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 117.08 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.03 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampleId :

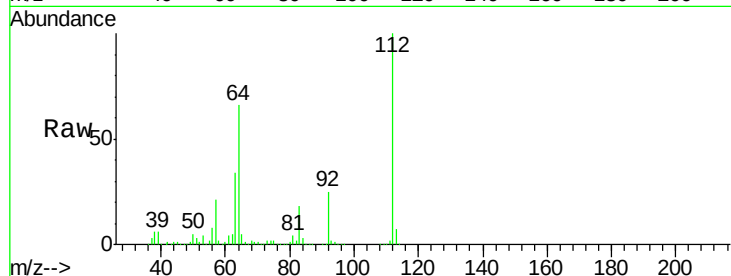
Tot Ion:112 Resp: 1377094

Ion Ratio Lower Upper

112 100

64 65.9 47.9 71.9

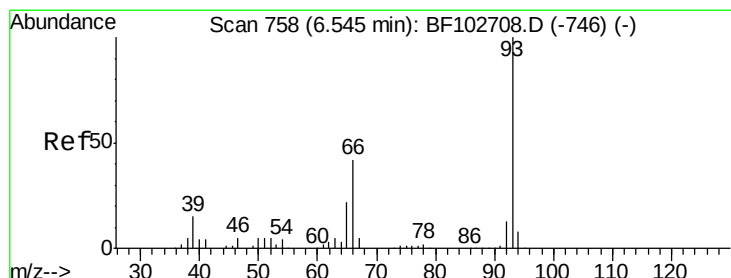
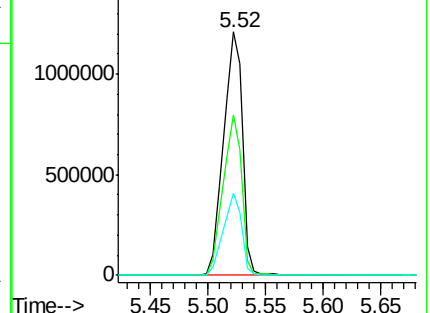
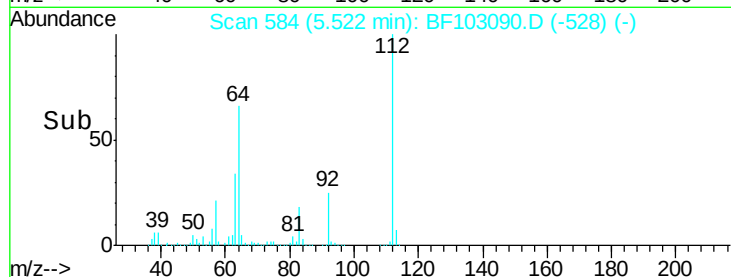
63 33.7 23.7 35.5



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: 7.03 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

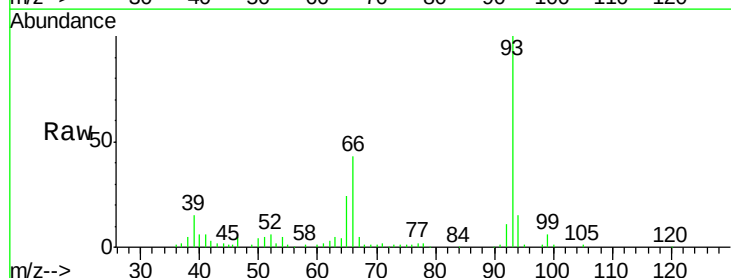
Tgt Ion: 93 Resp: 146950

Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

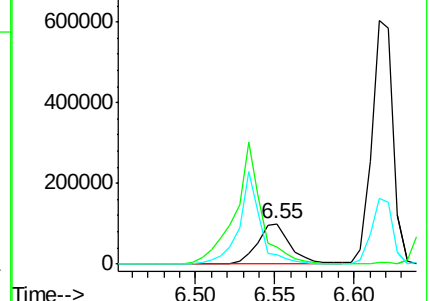
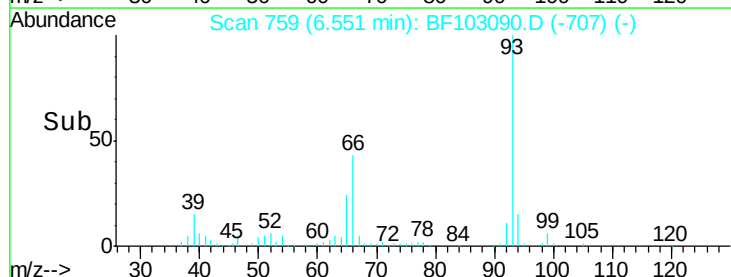
65 23.6 16.4 24.6

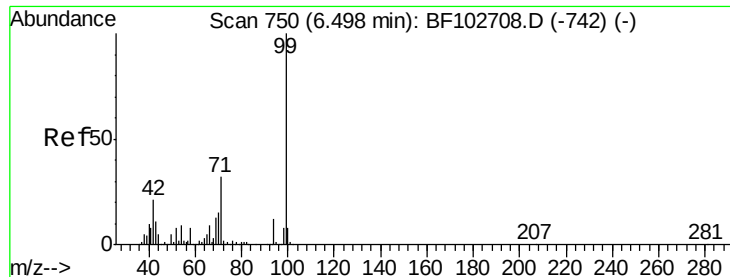


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.81 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

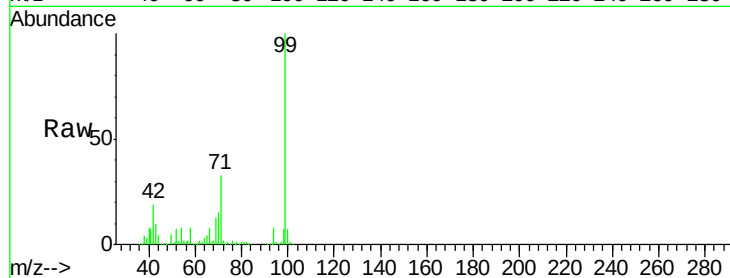
Tot Ion: 99 Resp: 1583549

Ion Ratio Lower Upper

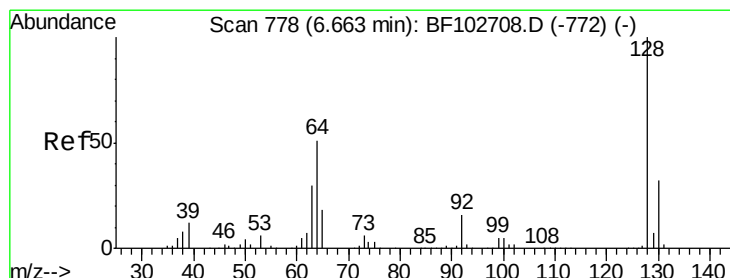
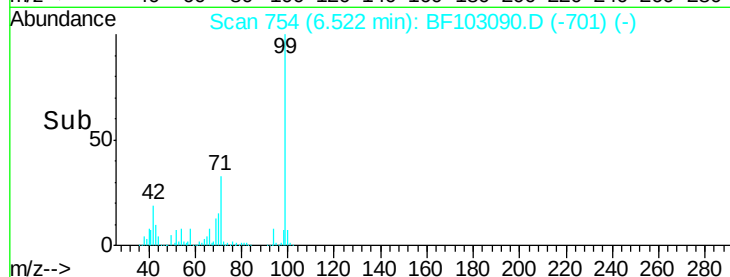
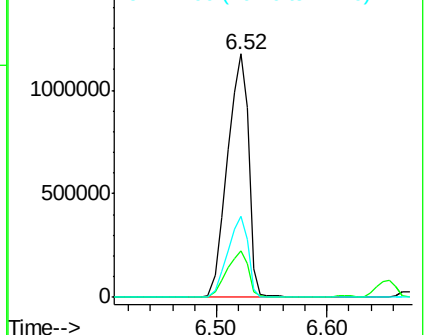
99 100

42 19.1 14.5 21.7

71 33.4 25.4 38.0



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: 44.59 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

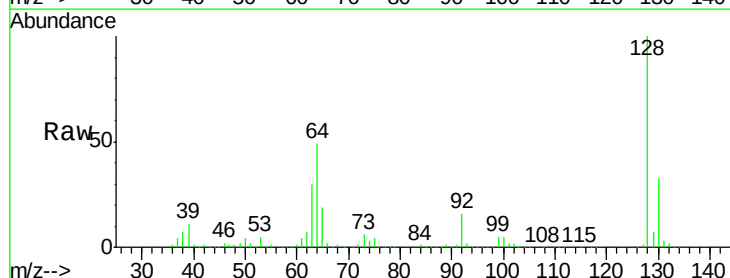
Tgt Ion: 128 Resp: 539957

Ion Ratio Lower Upper

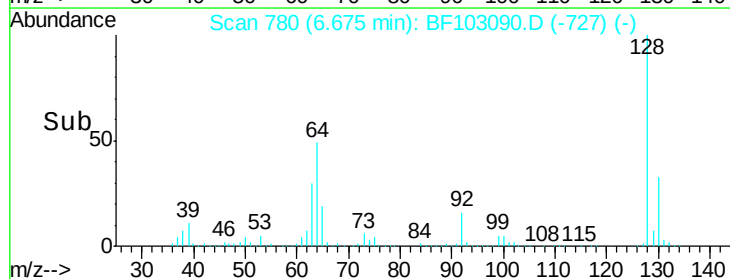
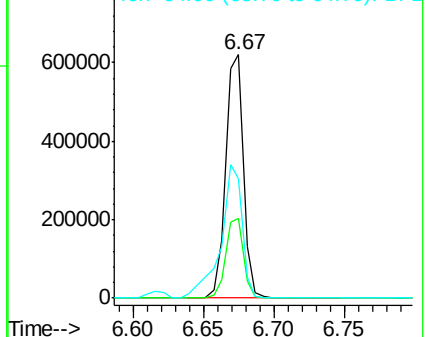
128 100

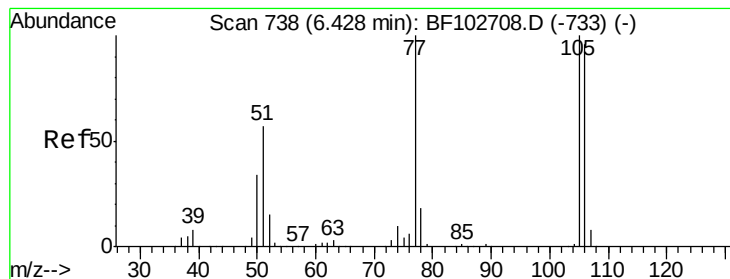
130 32.9 13.0 53.0

64 49.3 29.4 69.4



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: 7.22 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

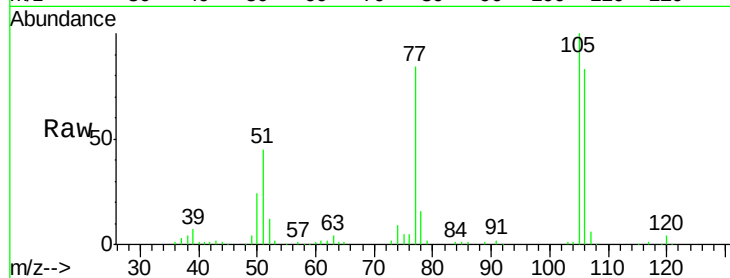
Tot Ion: 77 Resp: 75976

Ion Ratio Lower Upper

77 100

105 119.4 81.1 121.1

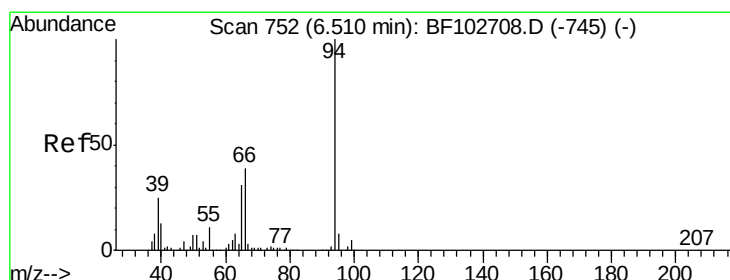
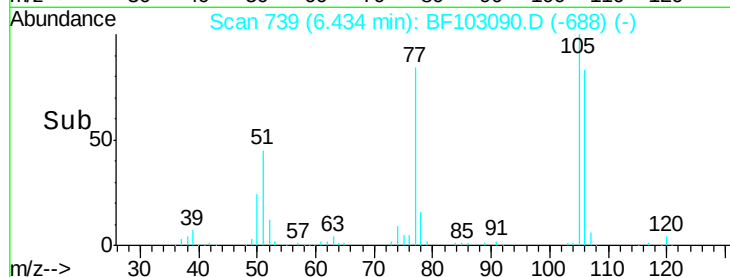
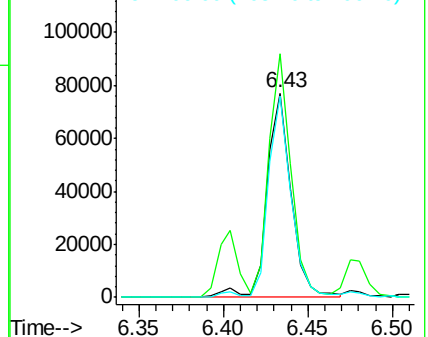
106 98.5 74.5 114.5



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: 39.55 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

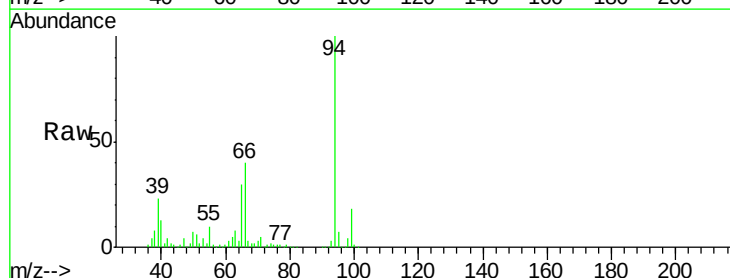
Tgt Ion: 94 Resp: 600253

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

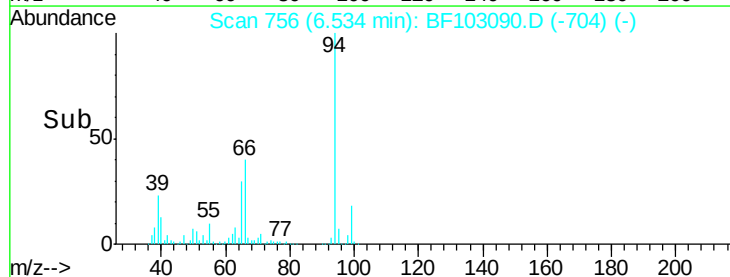
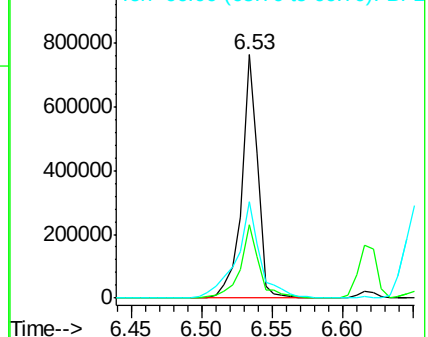
66 39.5 16.2 56.2

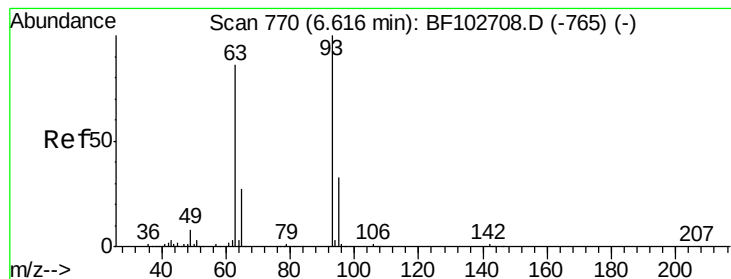


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

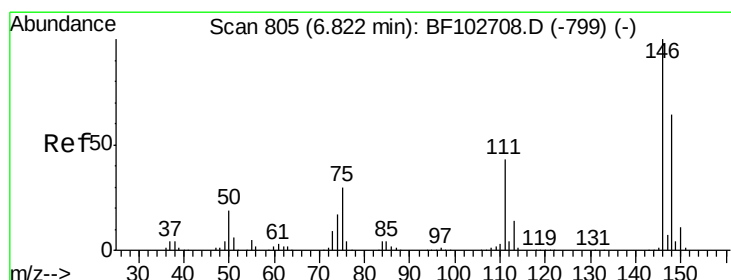
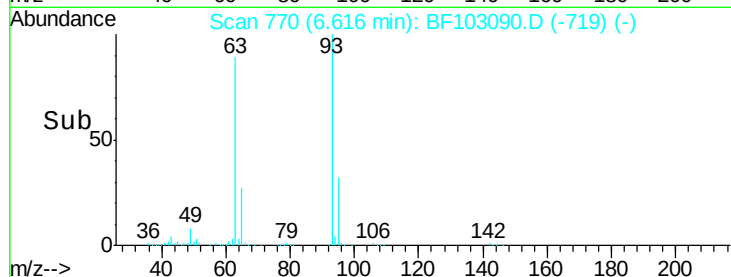
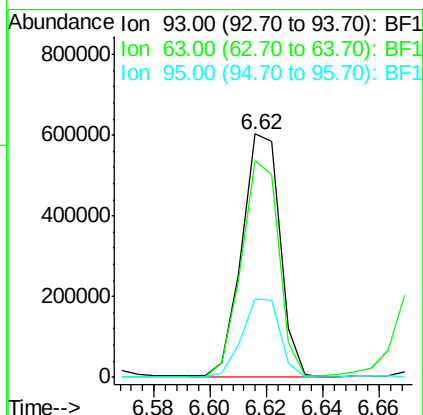
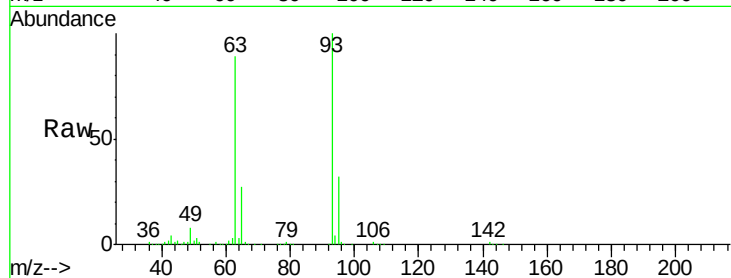




#11
 bis(2-Chloroethyl)ether
 Concen: 44.67 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

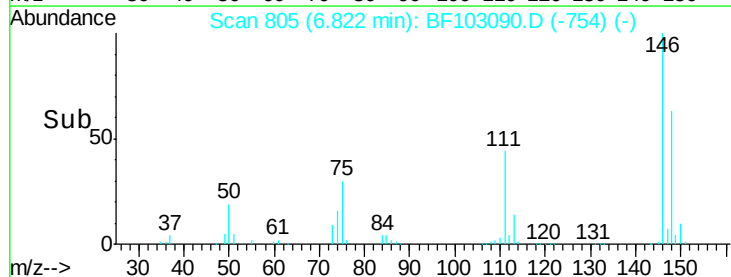
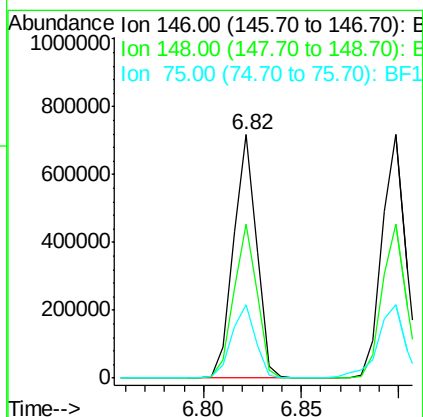
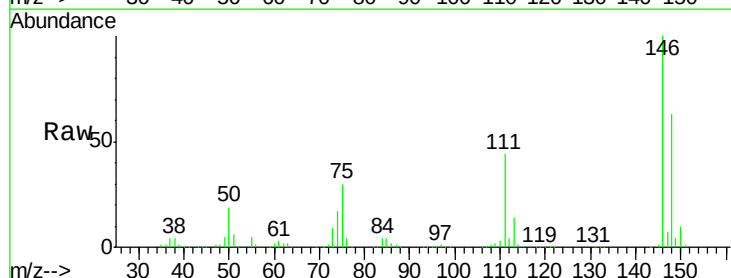
Instrument :
 BNA_F
 ClientSampleId :

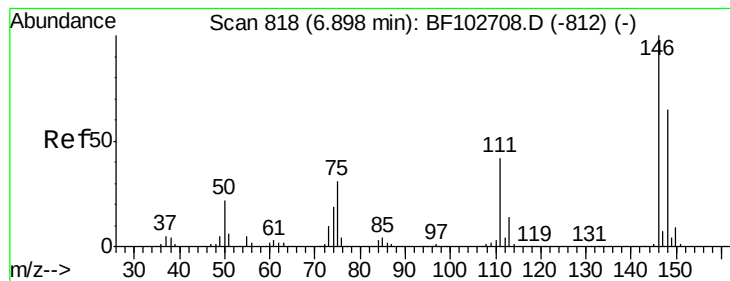
Tot Ion	93	Resp	564118
Ion	Ratio	Lower	Upper
93	100		
63	89.2	58.6	98.6
95	32.1	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.85 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion	146	Resp	586848
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	30.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.77 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampled :

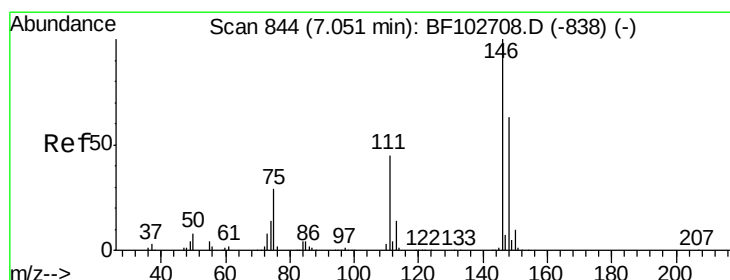
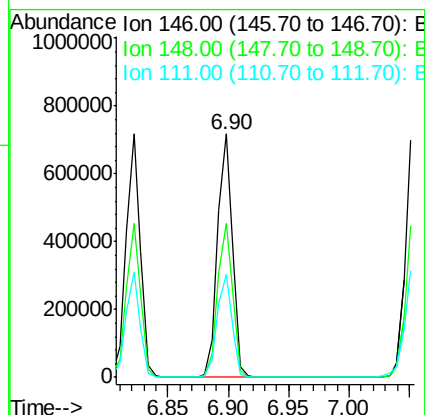
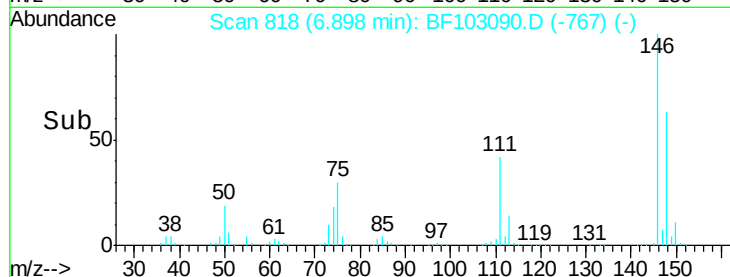
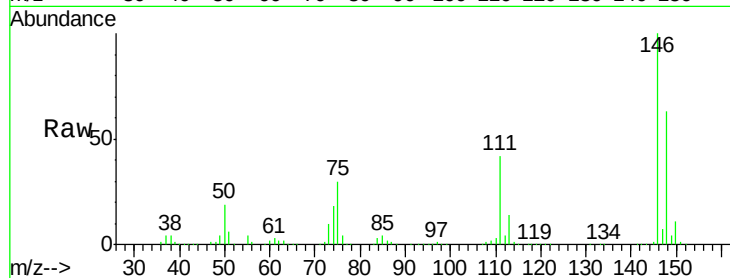
Tot Ion:146 Resp: 597421

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

111 42.2 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 41.39 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

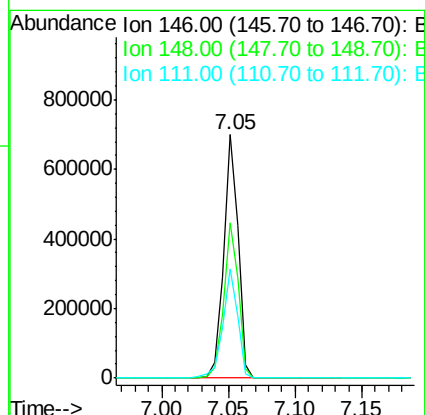
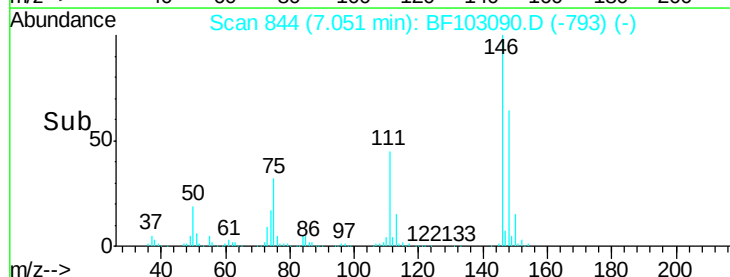
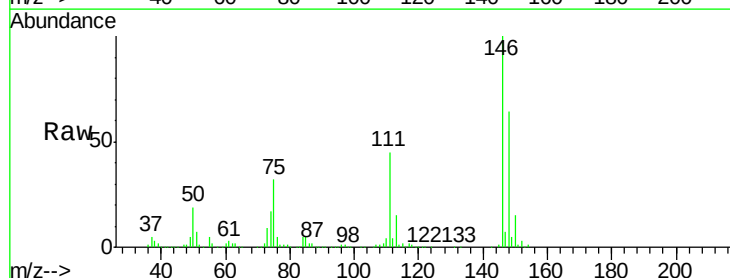
Tgt Ion:146 Resp: 538453

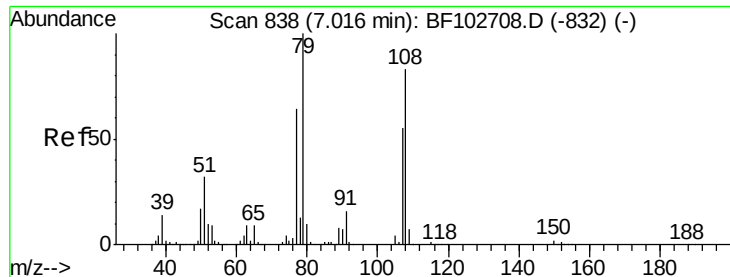
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

111 44.8 36.0 54.0

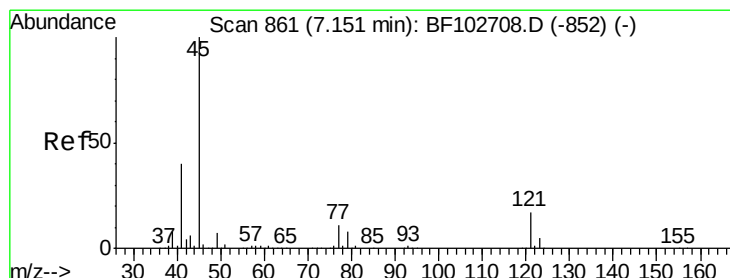
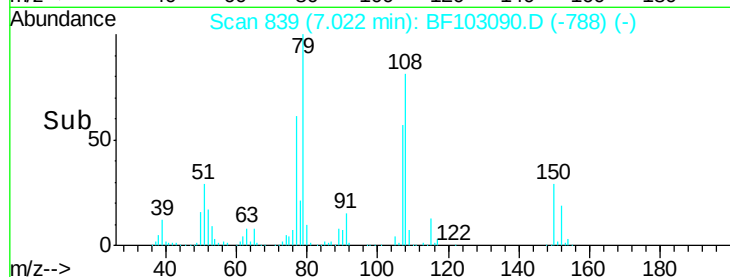
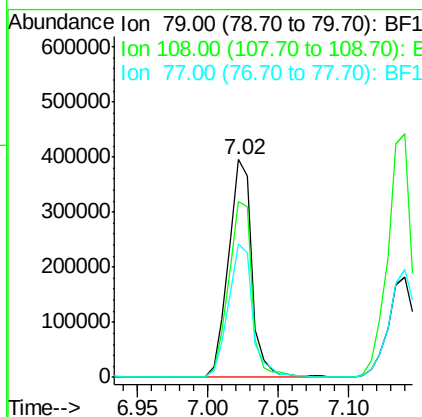
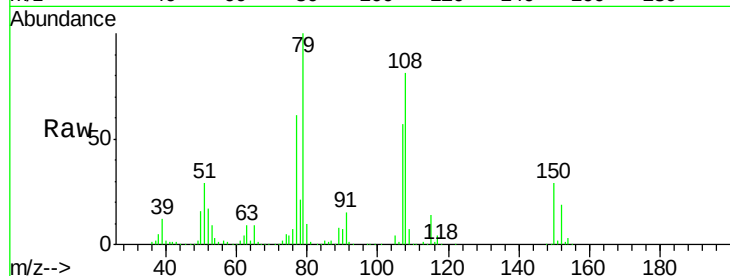




#15
Benzyl Alcohol
Concen: 42.04 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

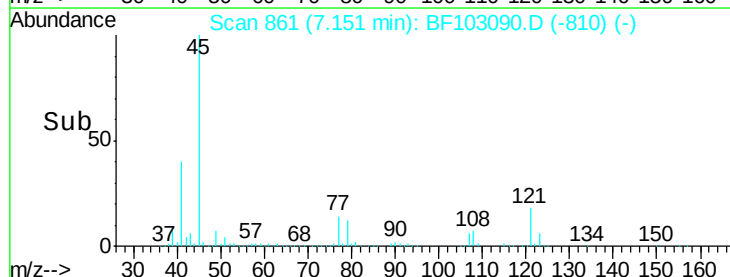
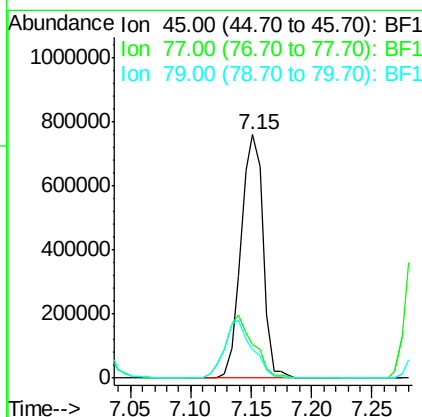
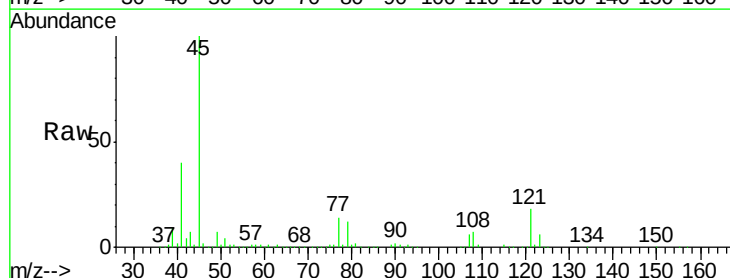
Instrument :
BNA_F
ClientSampled :

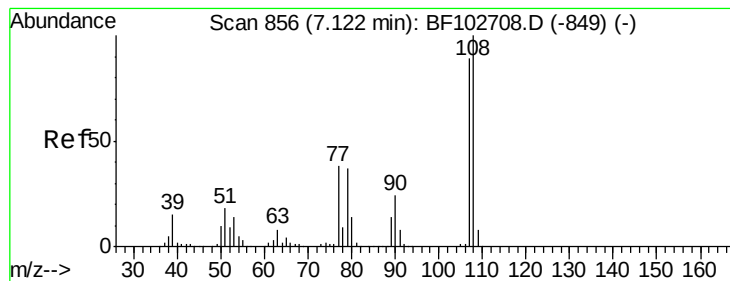
Tot Ion: 79 Resp: 457770
Ion Ratio Lower Upper
79 100
108 80.9 65.1 97.7
77 61.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.28 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion: 45 Resp: 966426
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.9
79 11.7 0.0 29.6

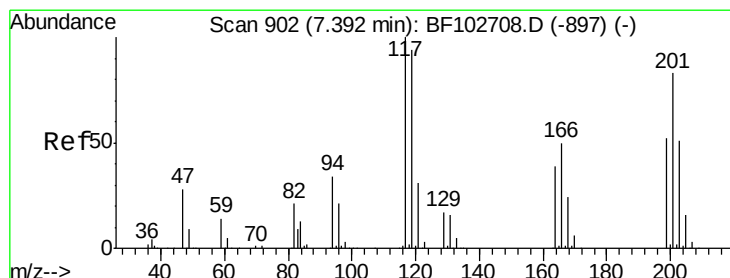
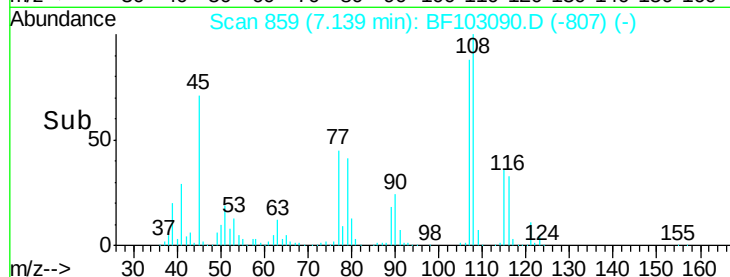
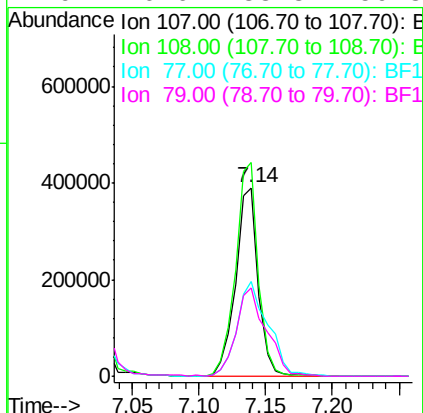
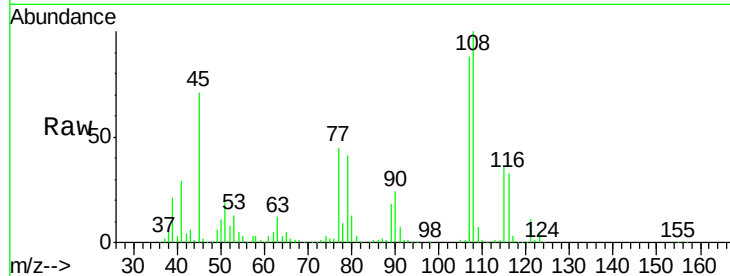




#17
2-Methylphenol
Concen: 41.43 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

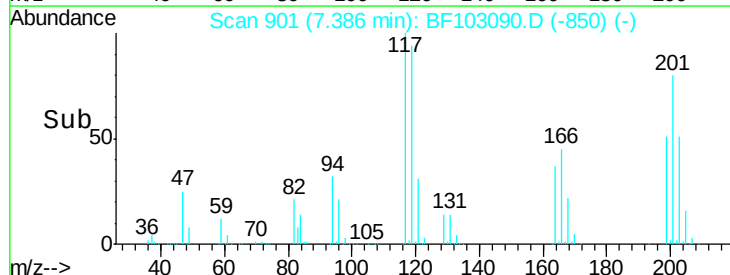
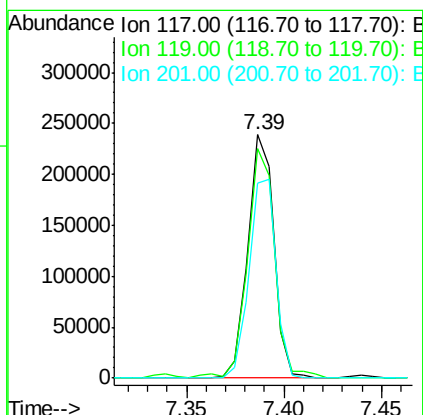
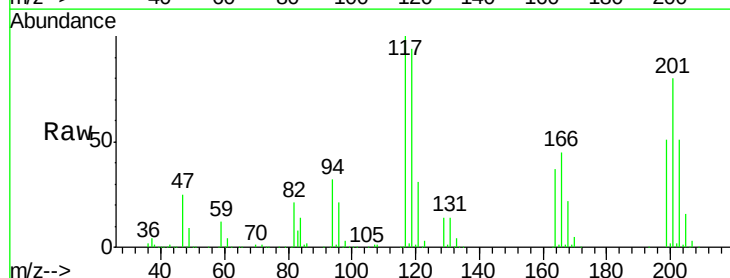
Instrument :
BNA_F
ClientSampleId :

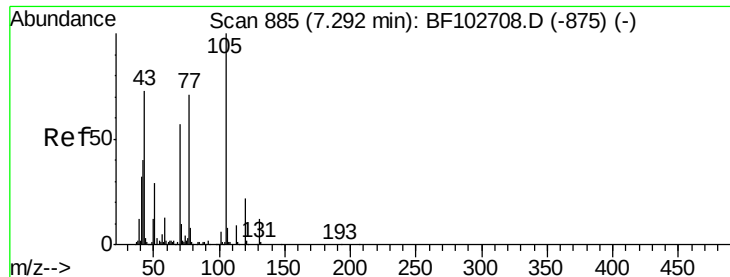
Tot Ion:107 Resp: 462763
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 50.4 33.8 50.8
79 46.6 33.8 50.8



#18
Hexachloroethane
Concen: 46.28 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:117 Resp: 221675
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 79.8 75.7 113.5

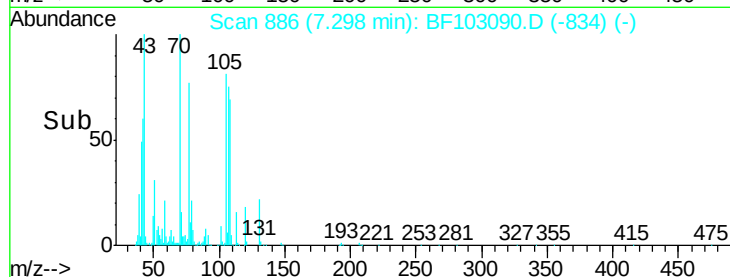
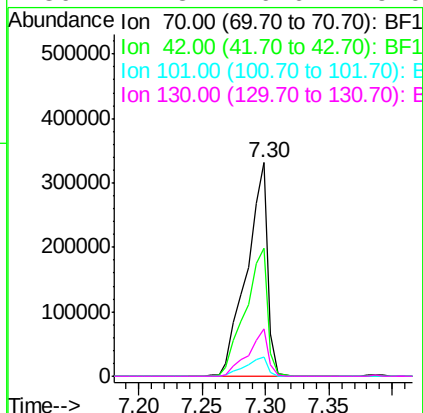
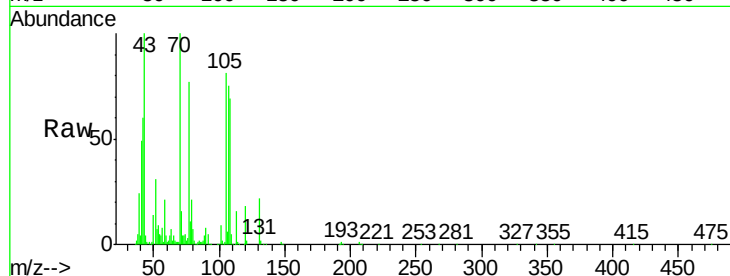




#19
n-Nitroso-di-n-propylamine
Concen: 40.79 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

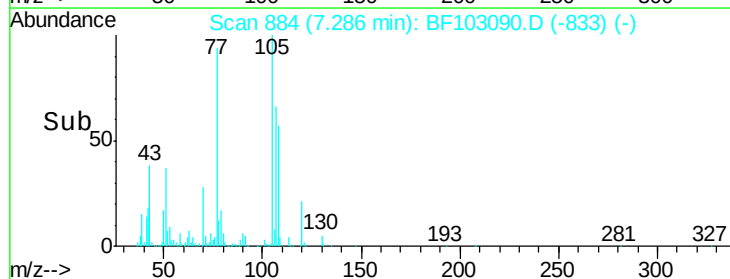
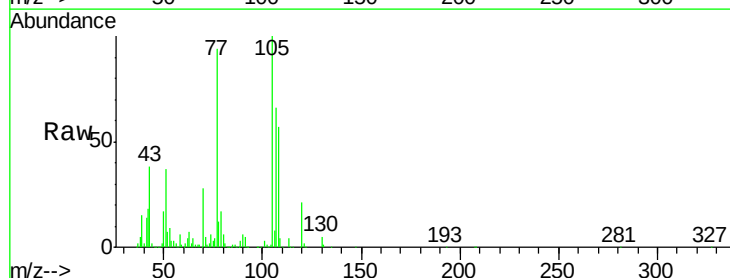
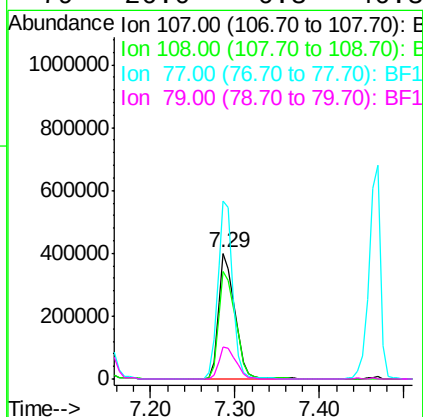
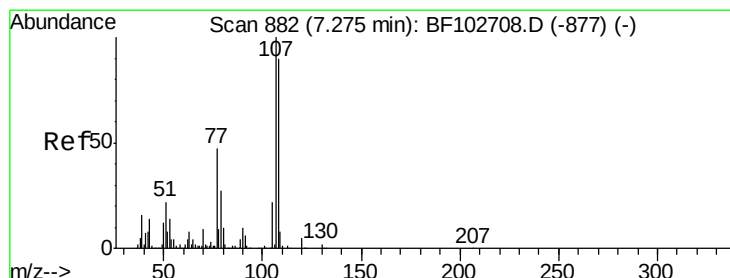
Instrument :
BNA_F
ClientSampleId :

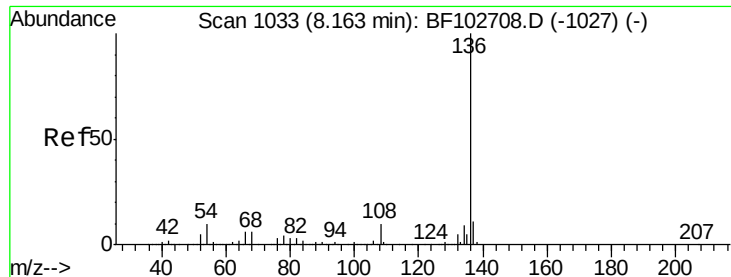
Tot Ion:	70	Resp:	380876
Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.5	71.3
101	9.1	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:	107	Resp:	545358
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.2	108.2
77	142.0	26.7	66.7#
79	26.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 749181

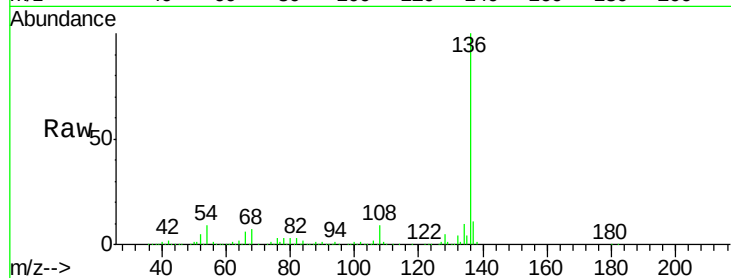
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 6.7 5.0 7.4

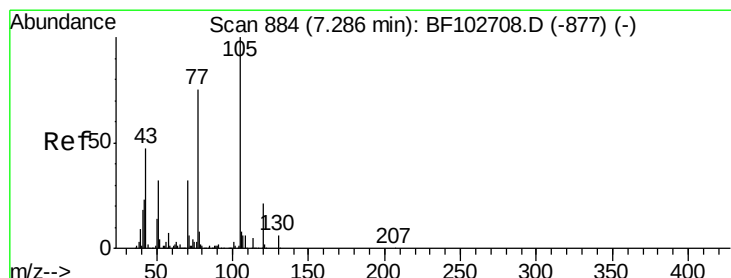
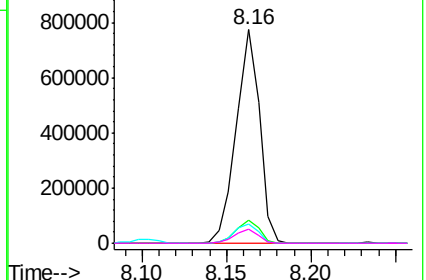
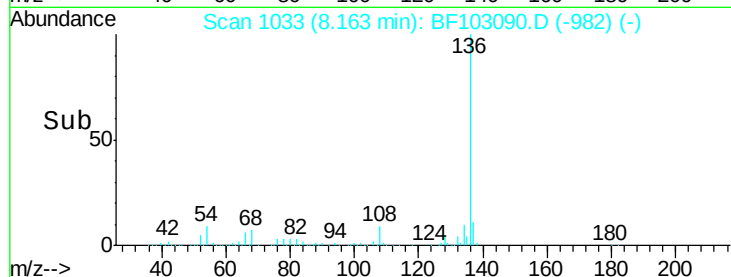


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.53 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Tgt Ion:105 Resp: 743077

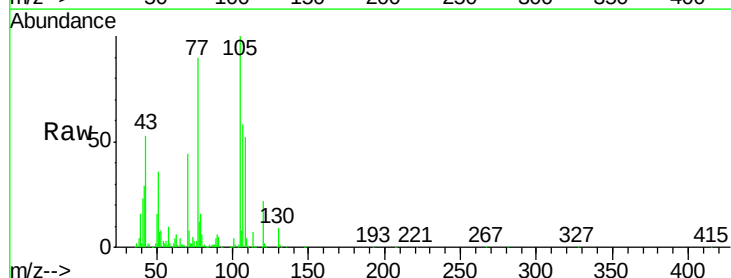
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 35.8 22.3 33.5#

120 22.0 16.9 25.3

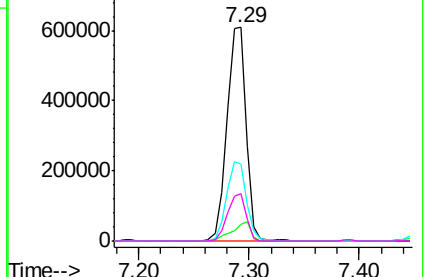
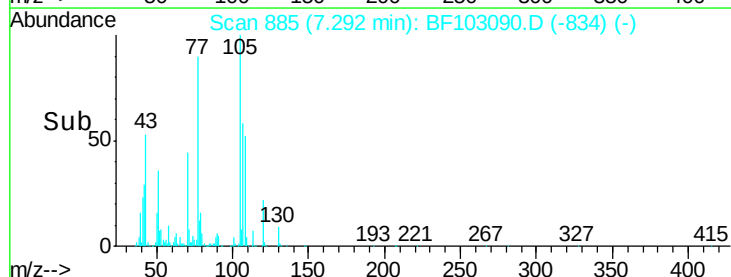


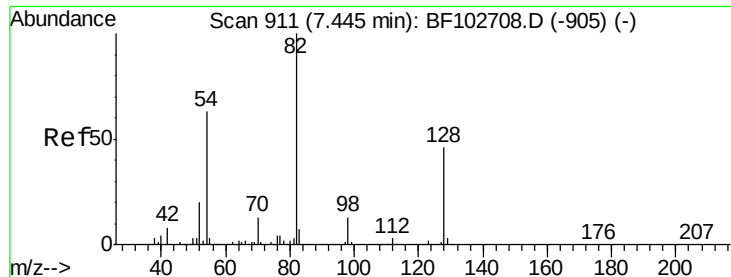
Abundance Ion 105.00 (104.70 to 105.70): E

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

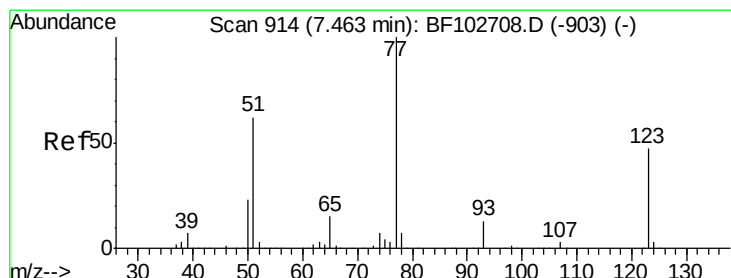
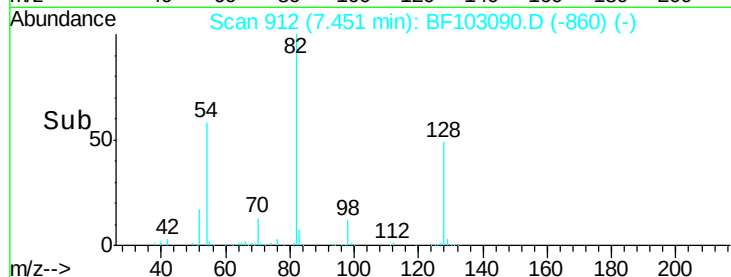
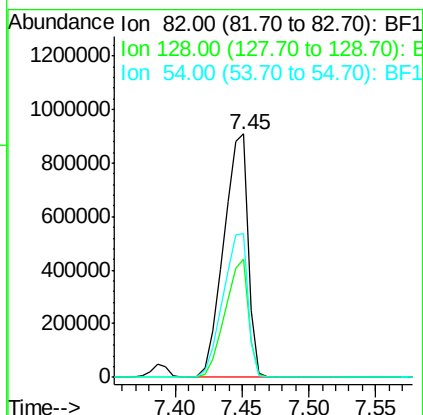
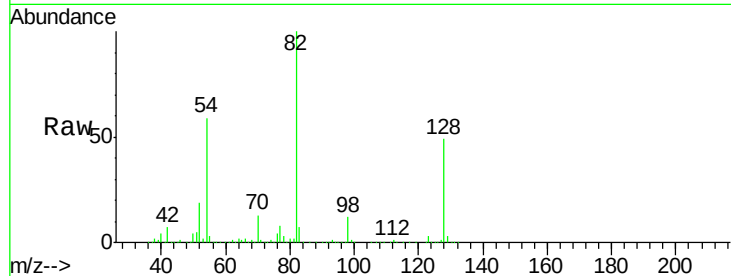




#23
Nitrobenzene-d5
Concen: 109.27 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

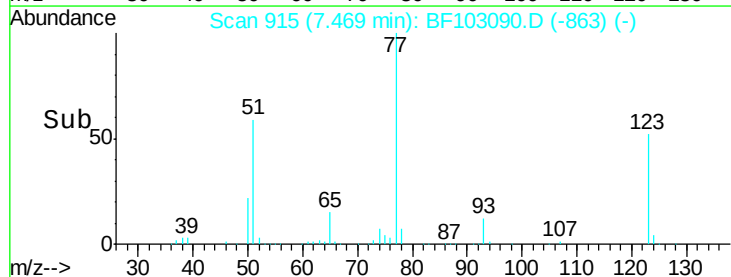
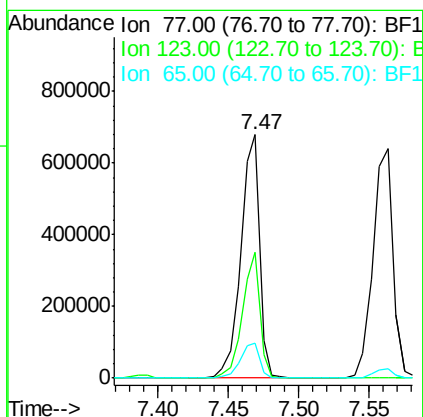
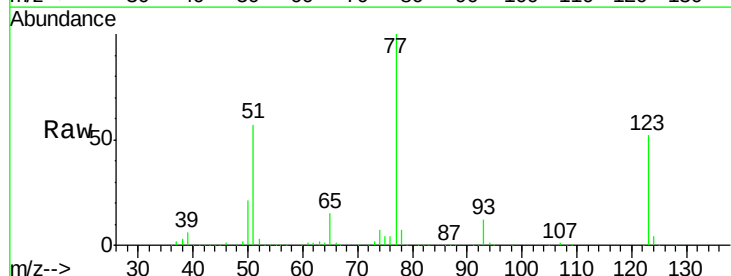
Instrument :
BNA_F
ClientSampleId :

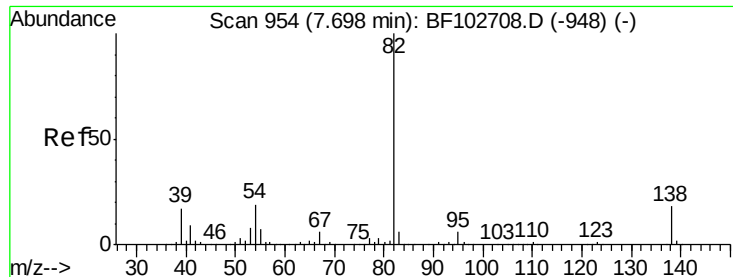
Tot Ion: 82 Resp: 1180054
Ion Ratio Lower Upper
82 100
128 48.7 36.1 54.1
54 59.1 41.4 62.2



#24
Nitrobenzene
Concen: 48.93 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion: 77 Resp: 621500
Ion Ratio Lower Upper
77 100
123 51.6 37.9 56.9
65 14.5 11.0 16.4

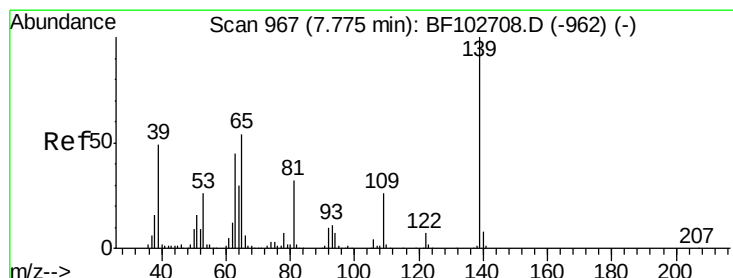
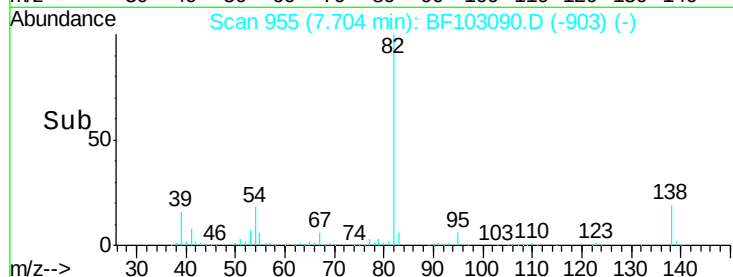
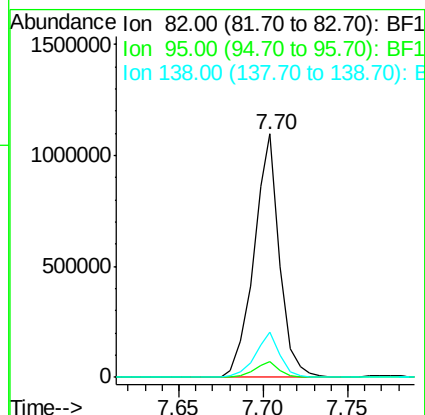
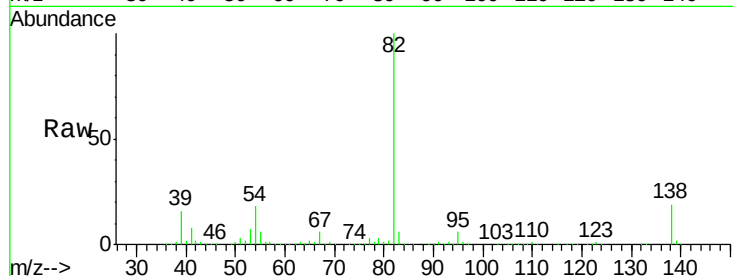




#25
Isophorone
Concen: 46.60 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

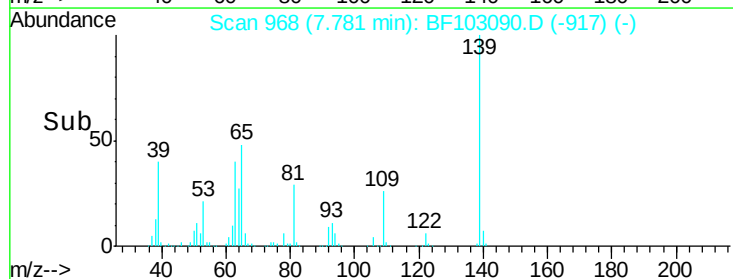
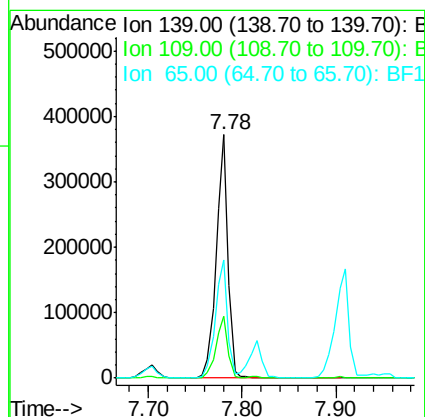
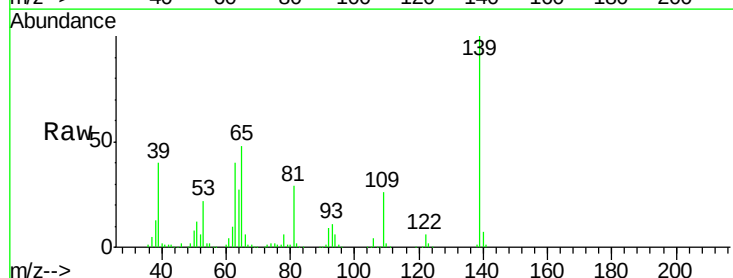
Instrument :
BNA_F
ClientSampleId :

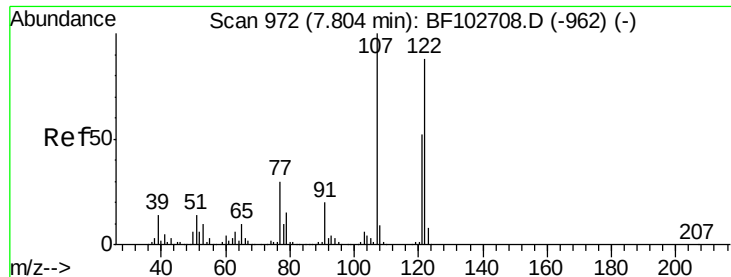
Tot Ion: 82 Resp: 1158928
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 60.34 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion: 139 Resp: 329077
Ion Ratio Lower Upper
139 100
109 25.7 22.7 34.1
65 48.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 51.08 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

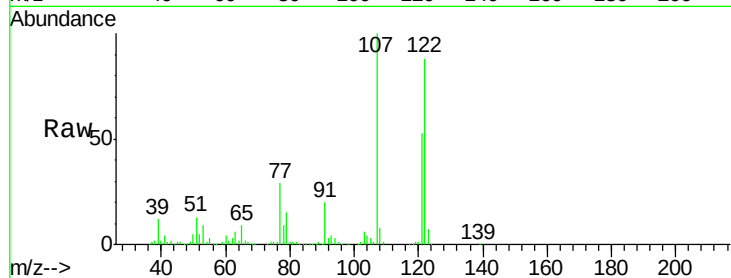
Tot Ion:122 Resp: 536645

Ion Ratio Lower Upper

122 100

107 114.1 91.2 136.8

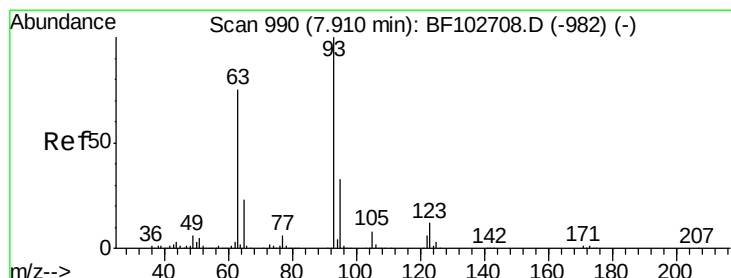
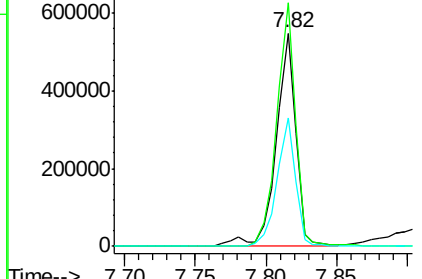
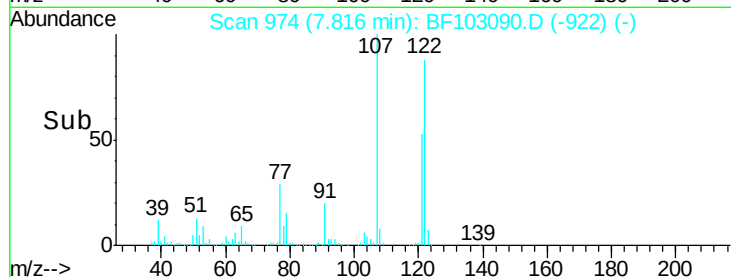
121 60.1 47.2 70.8



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: 49.32 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

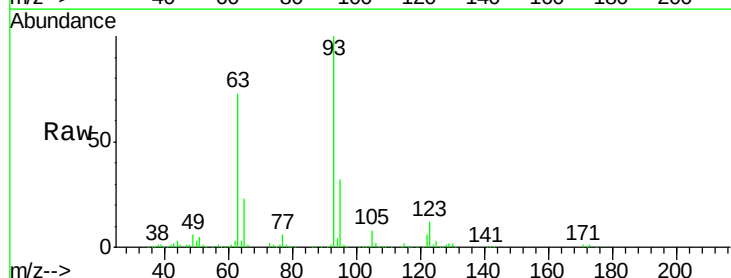
Tgt Ion: 93 Resp: 726548

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

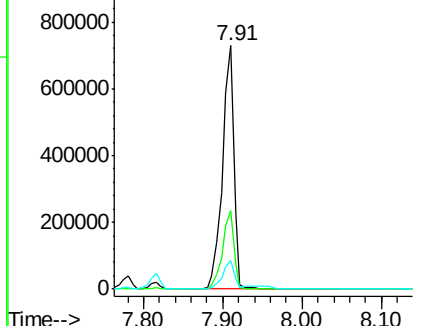
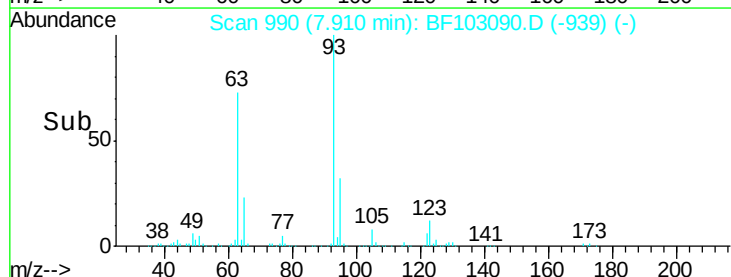
123 11.9 9.8 14.6

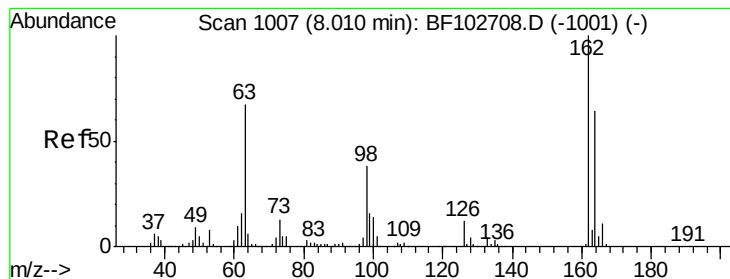


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

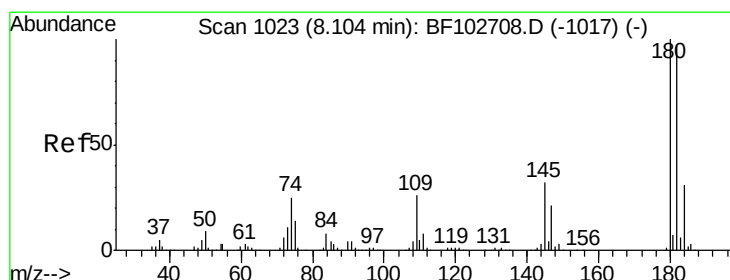
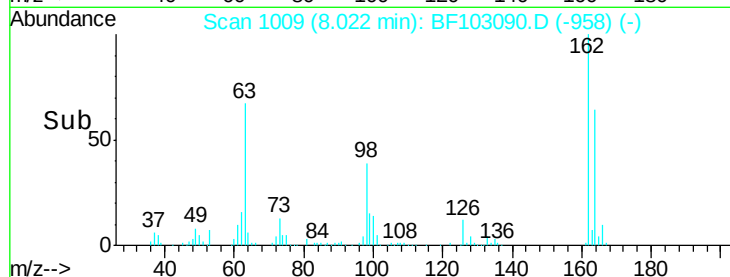
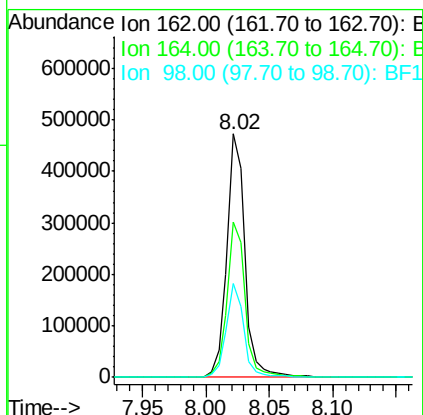
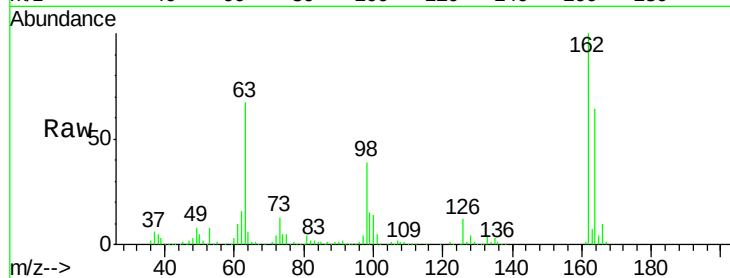




#29
 2,4-Dichlorophenol
 Concen: 49.04 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

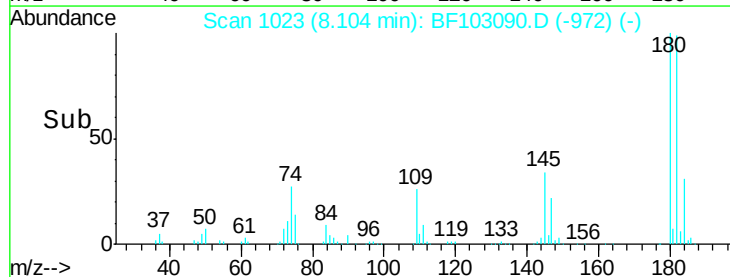
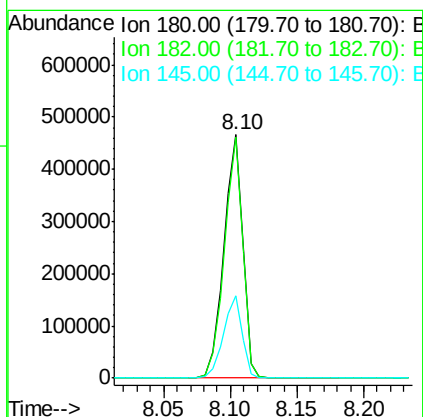
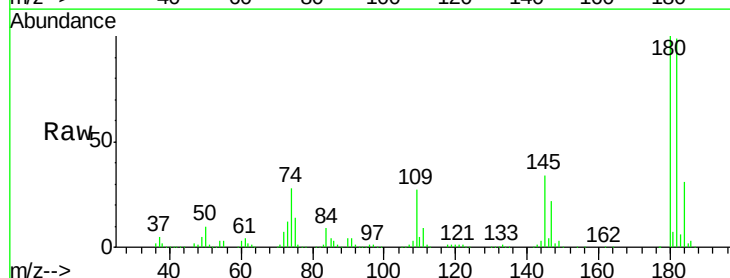
Instrument :
 BNA_F
 ClientSampleId :

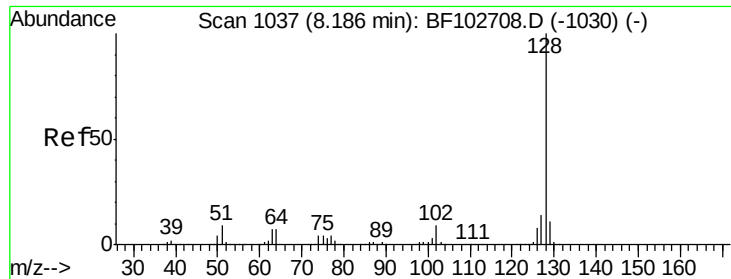
Tot Ion:	162	Resp:	468354
Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	38.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.39 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:	180	Resp:	468863
Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.8	115.2
145	33.7	26.5	39.7

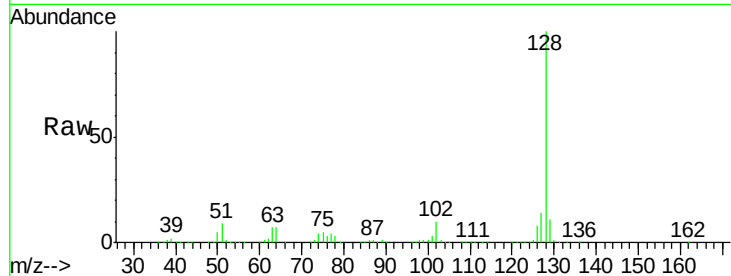




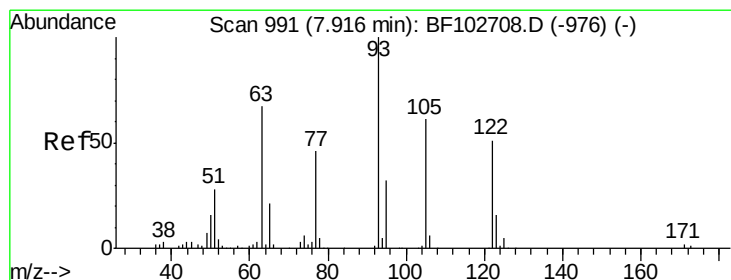
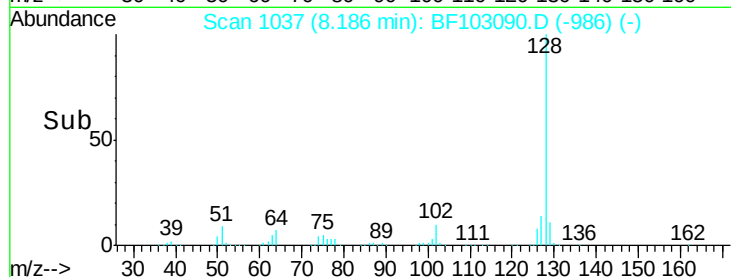
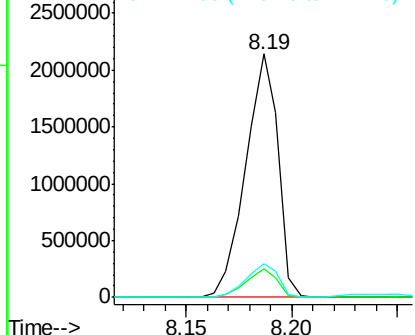
#31
Naphthalene
Concen: 62.31 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2280721
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 10.9 16.3

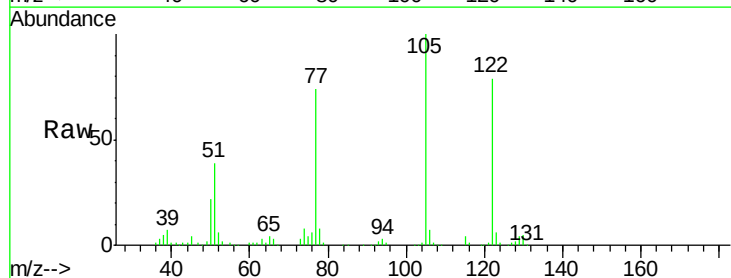


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

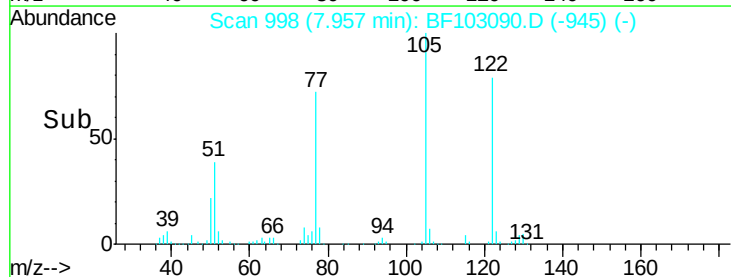
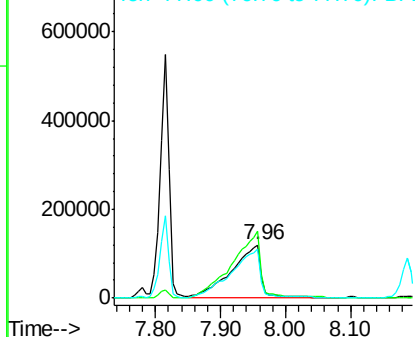


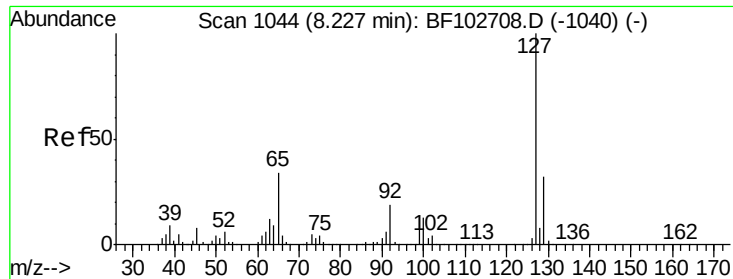
#32
Benzoic acid
Concen: 50.06 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:122 Resp: 377829
Ion Ratio Lower Upper
122 100
105 126.2 101.1 141.1
77 93.2 70.7 110.7



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

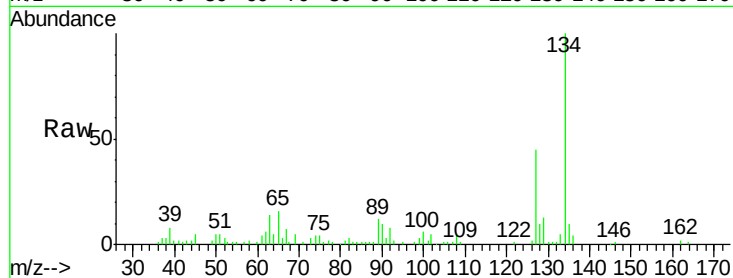




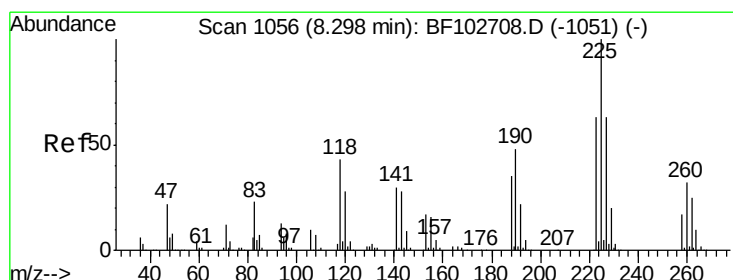
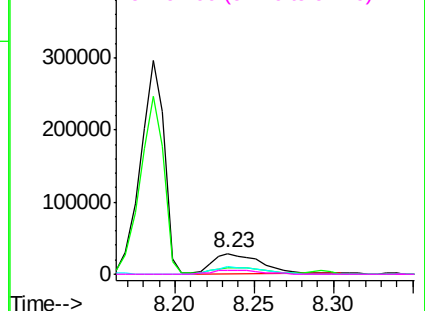
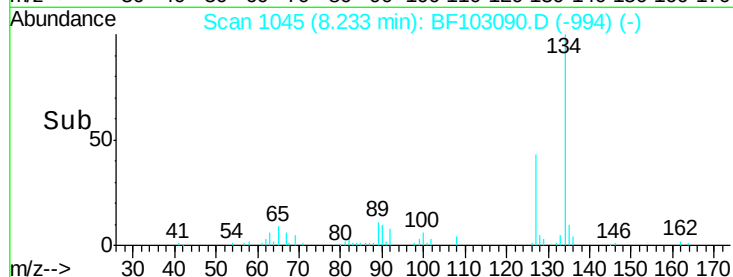
#33
4-Chloroaniline
Concen: 3.81 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	60019
Ion	Ratio	Lower	Upper
127	100		
129	28.8	25.9	38.9
65	36.1	25.0	37.4
92	18.0	15.2	22.8

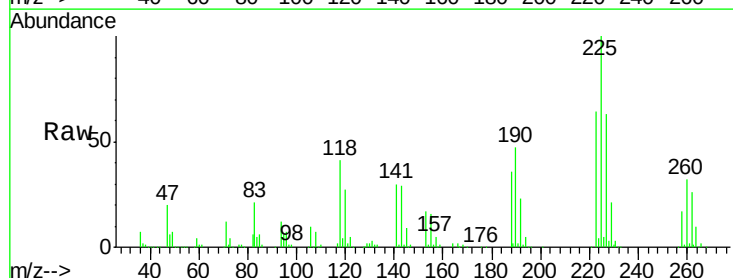


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

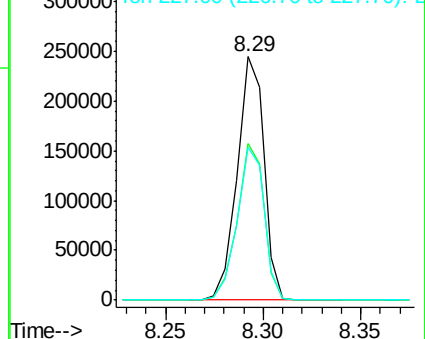
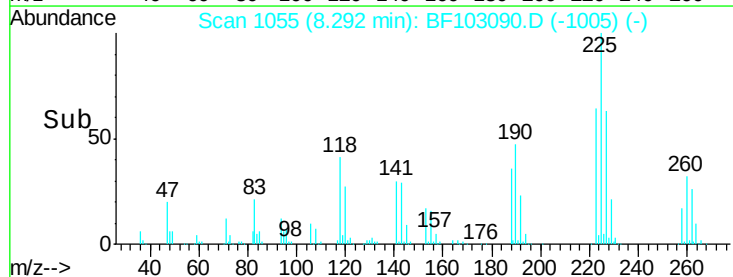


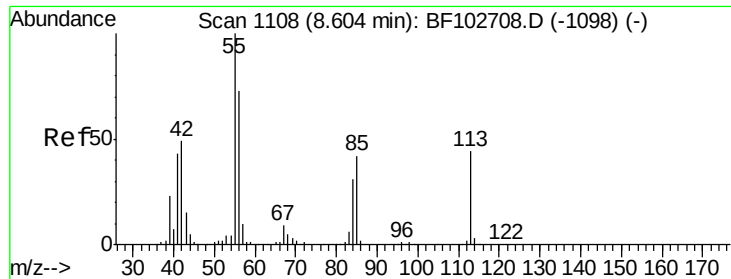
#34
Hexachlorobutadiene
Concen: 42.16 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:	225	Resp:	233439
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	63.0	51.9	77.9



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

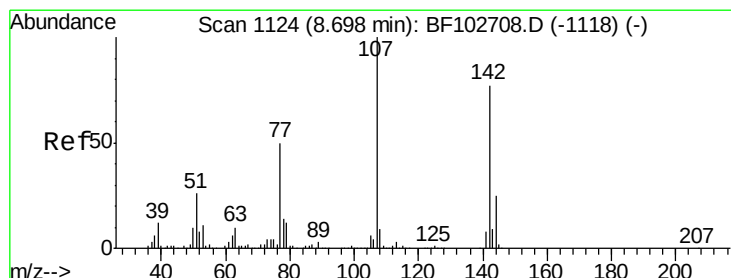
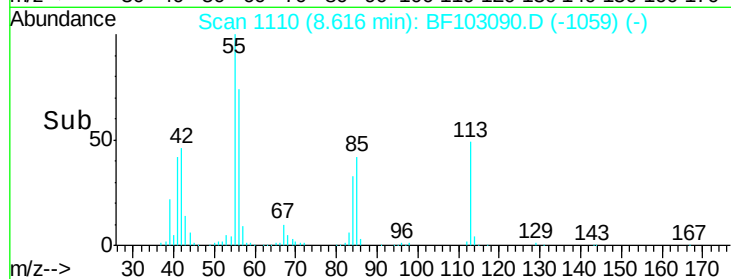
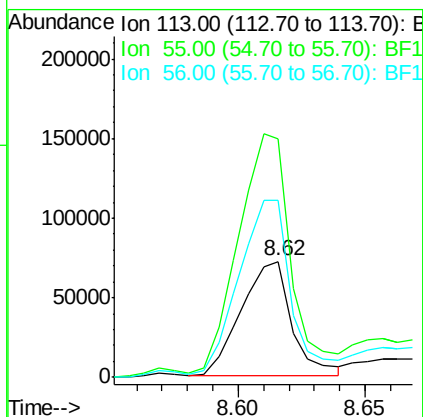
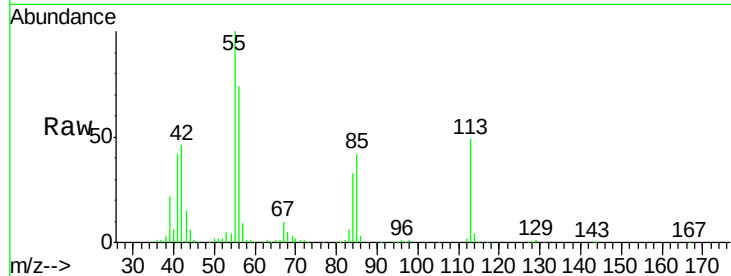




#35
 Caprolactam
 Concen: 30.35 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

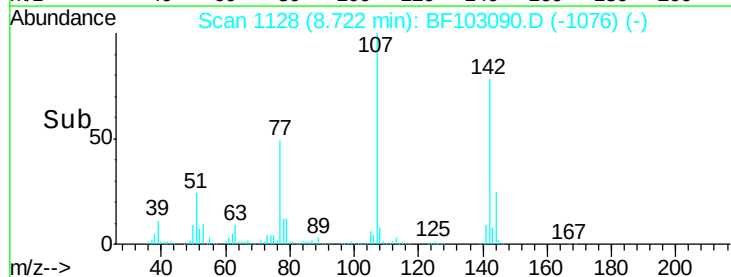
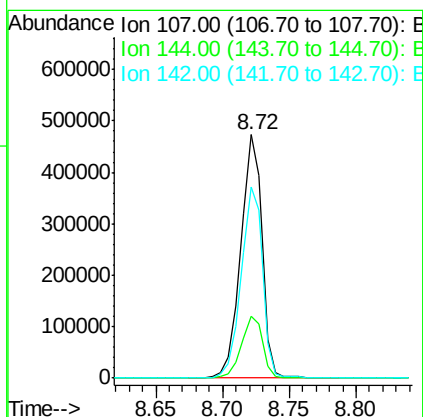
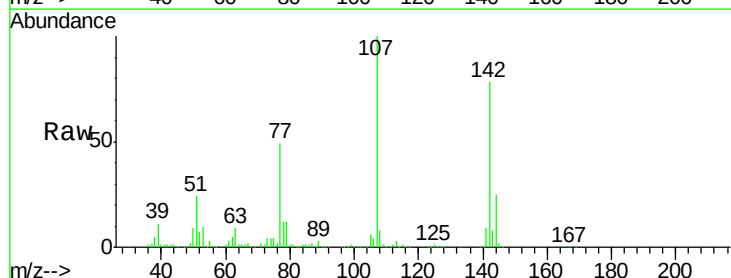
Instrument :
 BNA_F
 ClientSampled :

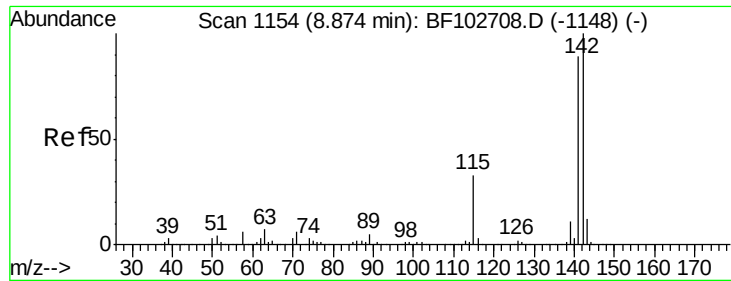
Tot Ion:113 Resp: 100655
 Ion Ratio Lower Upper
 113 100
 55 205.5 163.3 203.3#
 56 152.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.89 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:107 Resp: 524603
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.3 62.0 93.0

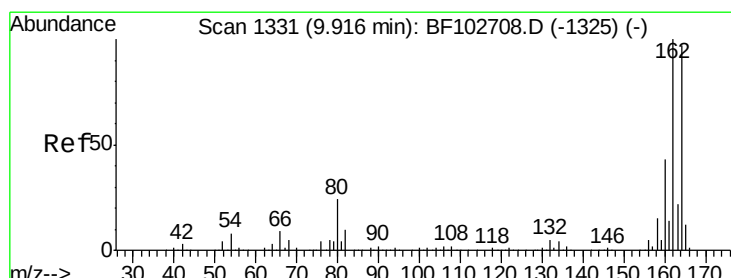
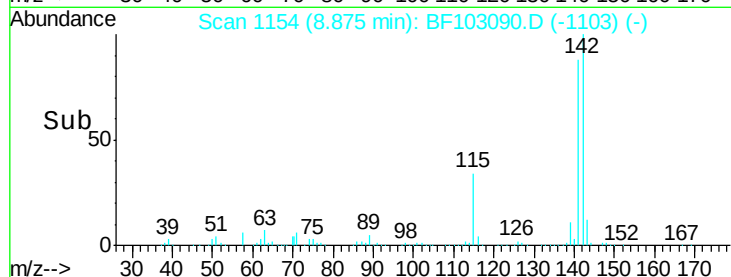
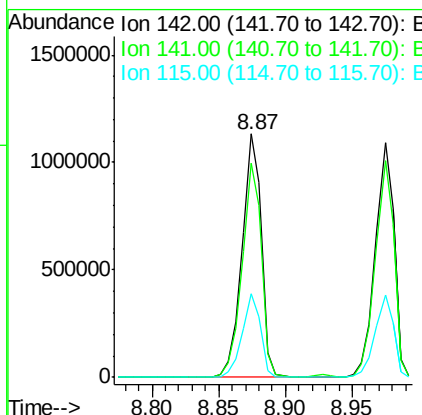
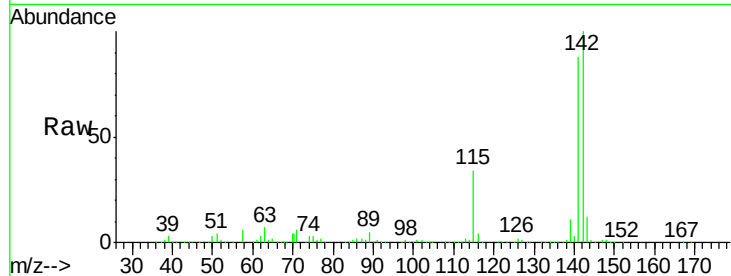




#37
2-Methylnaphthalene
Concen: 47.18 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

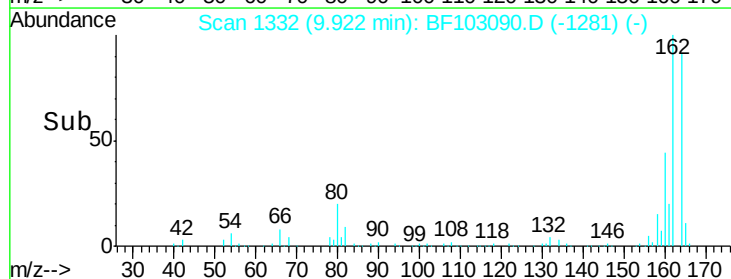
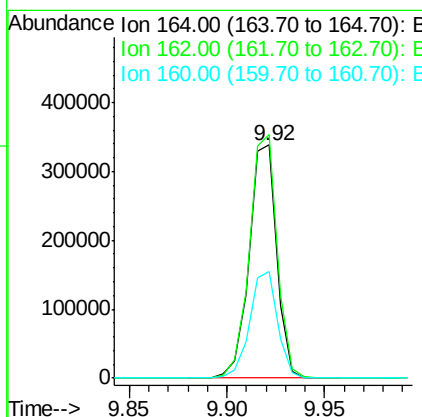
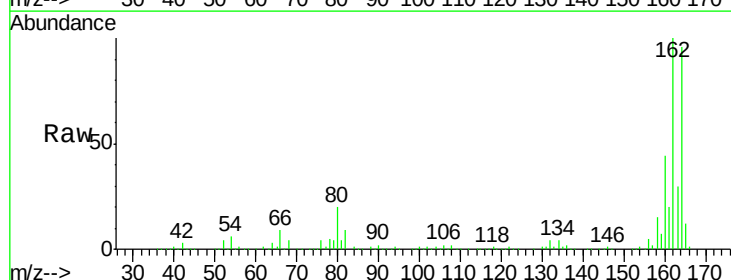
Instrument :
BNA_F
ClientSampled :

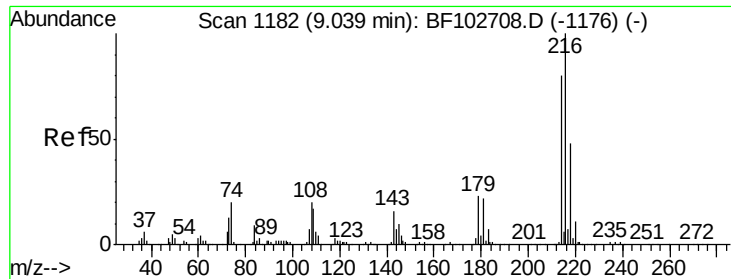
Tot Ion:142 Resp: 1130740
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2
115 34.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:164 Resp: 331025
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.8 38.3 57.5

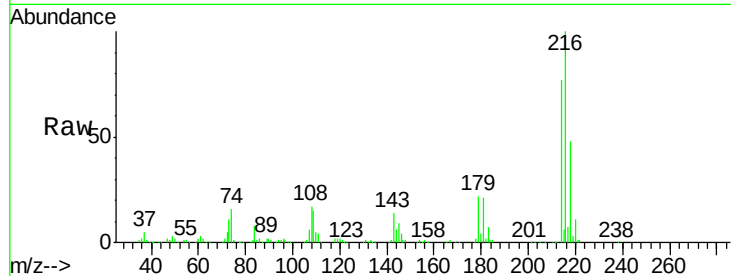




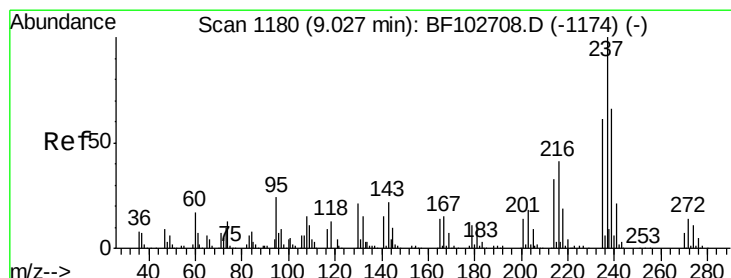
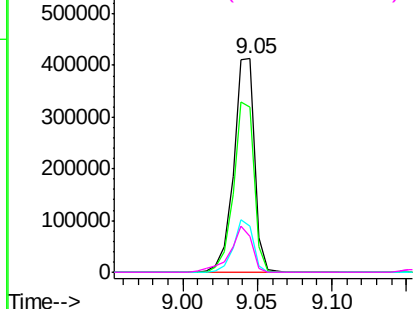
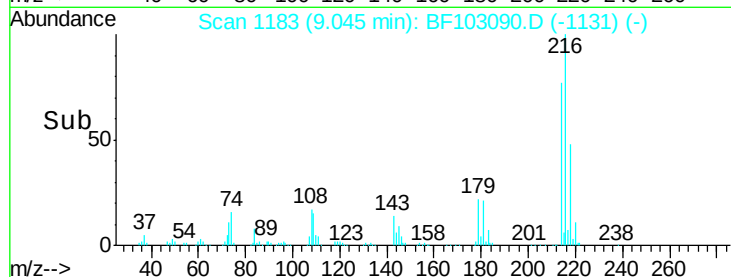
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.79 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216 Resp: 403736
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.0 94.4
 179 23.2 18.1 27.1
 108 23.1 17.2 25.8

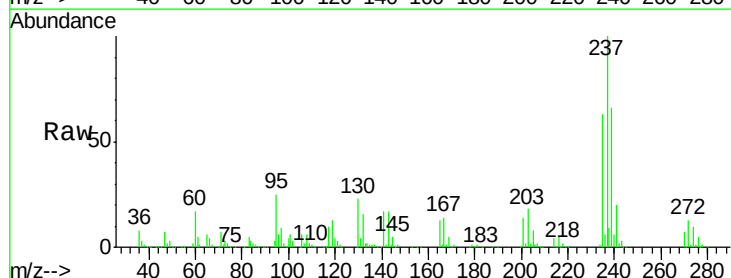


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

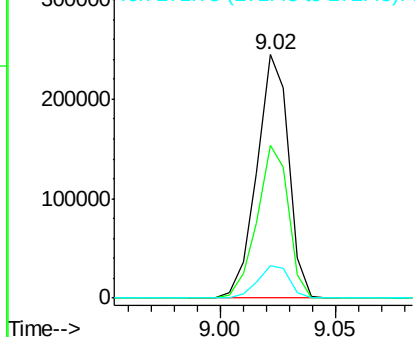
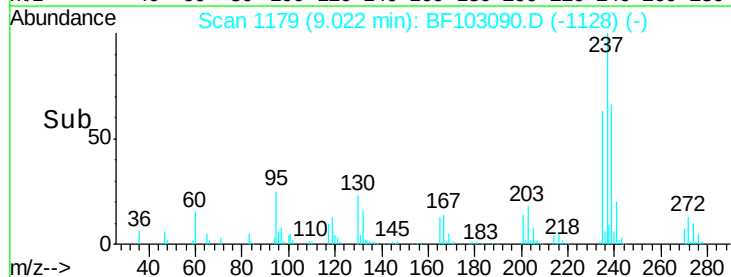


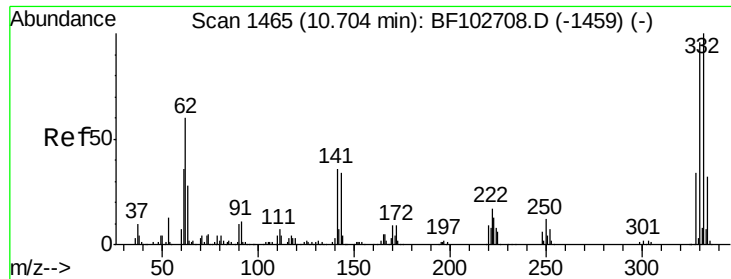
#40
 Hexachlorocyclopentadiene
 Concen: 54.93 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:237 Resp: 235340
 Ion Ratio Lower Upper
 237 100
 235 62.6 44.8 84.8
 272 13.3 0.0 33.3



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

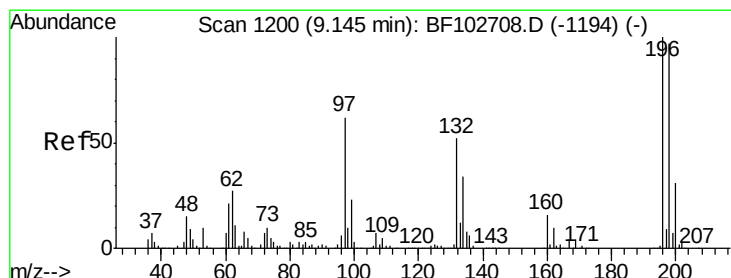
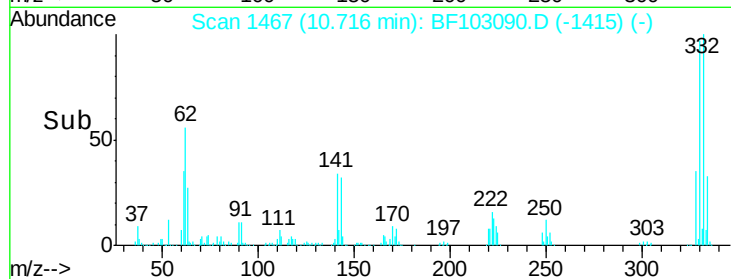
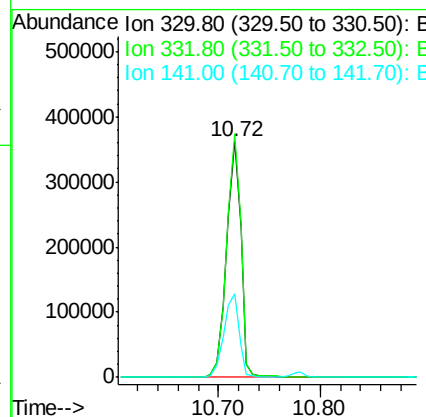
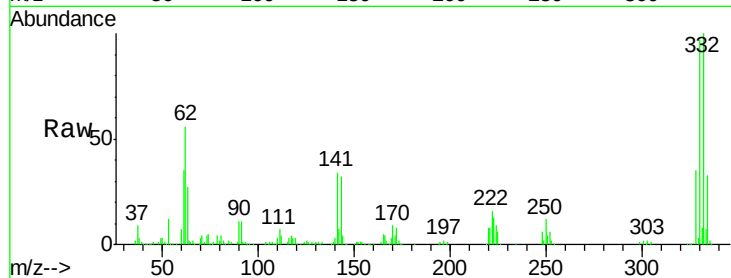




#41
 2,4,6-Tribromophenol
 Concen: 135.14 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

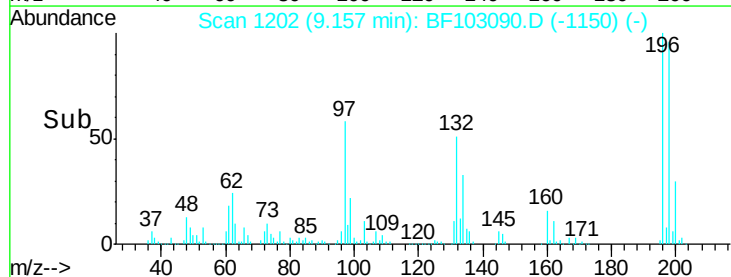
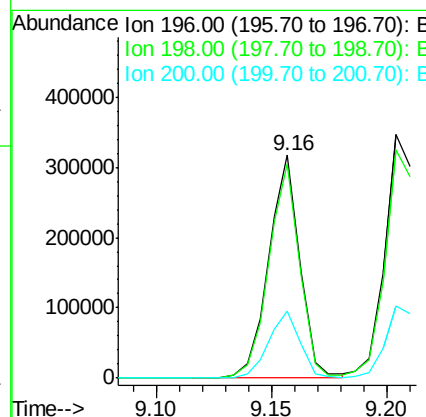
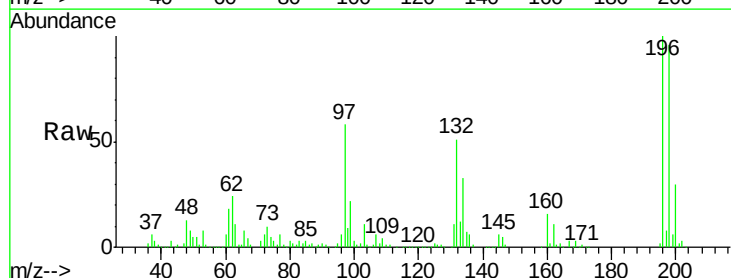
Instrument :
 BNA_F
 ClientSampled :

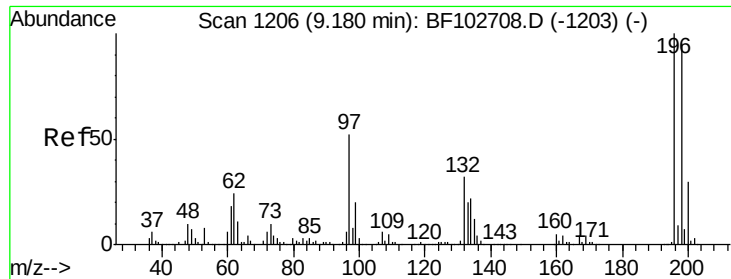
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.0	115.6
141	37.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 49.99 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	30.3	24.5	36.7

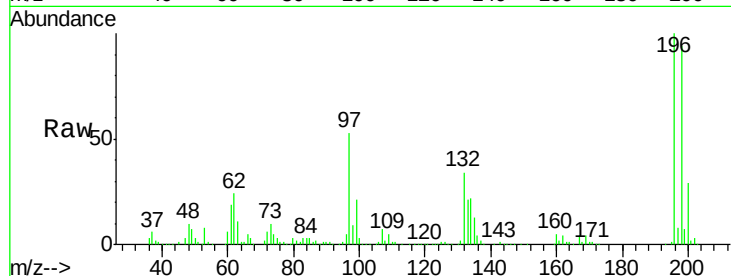




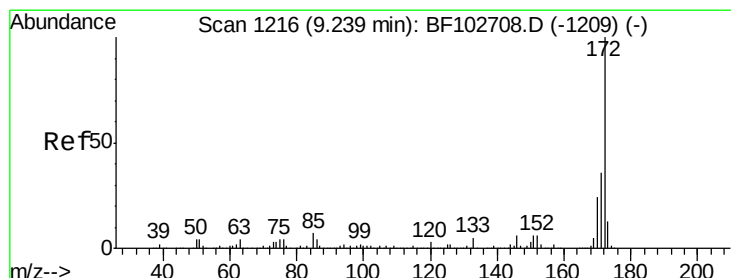
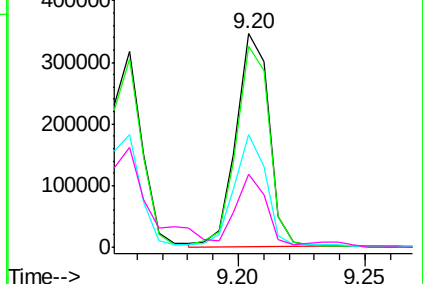
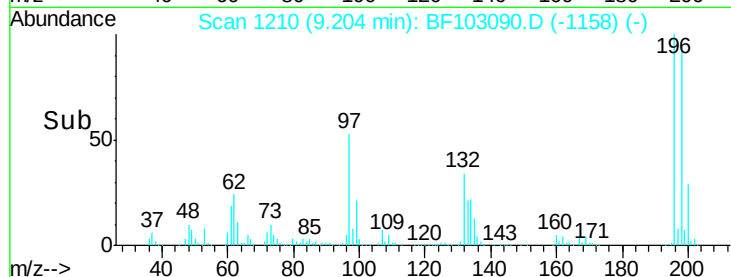
#43
 2,4,5-Trichlorophenol
 Concen: 47.16 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 314673
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 112.0
 97 52.9 42.9 64.3
 132 34.3 26.3 39.5

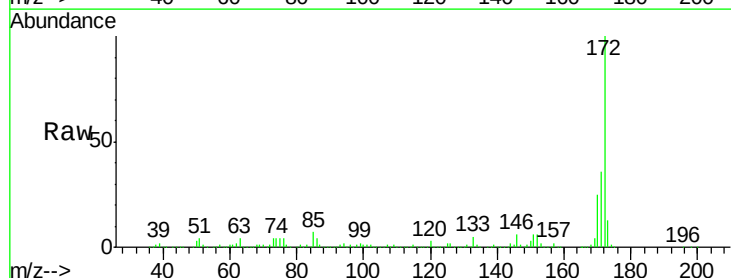


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

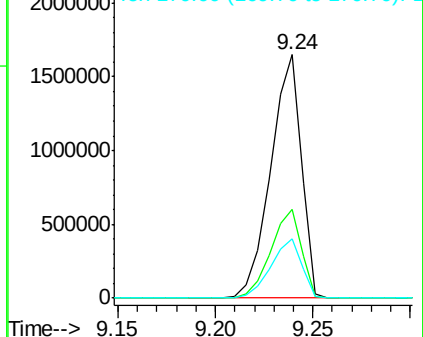
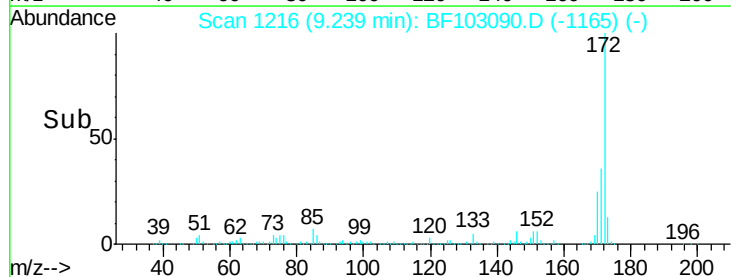


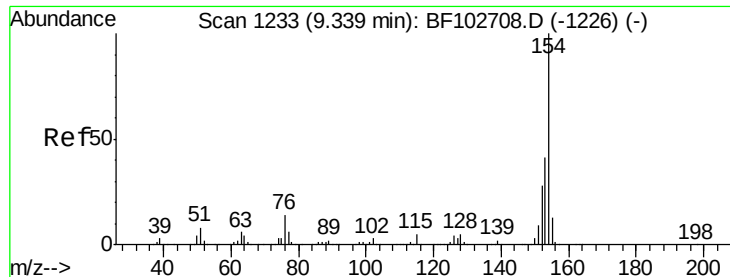
#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:172 Resp: 1789902
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4



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



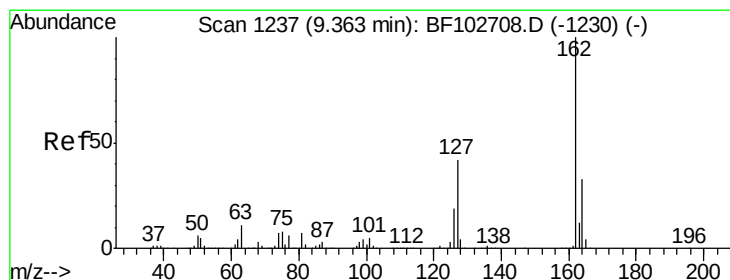
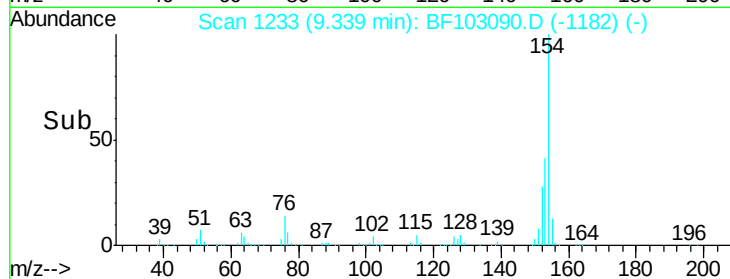
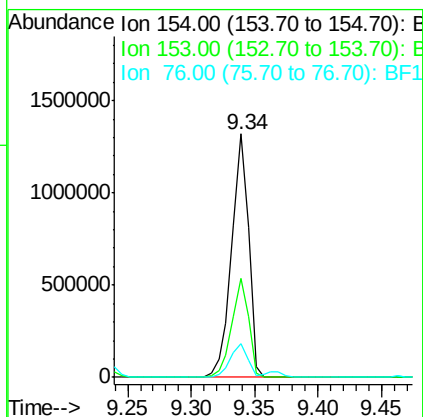
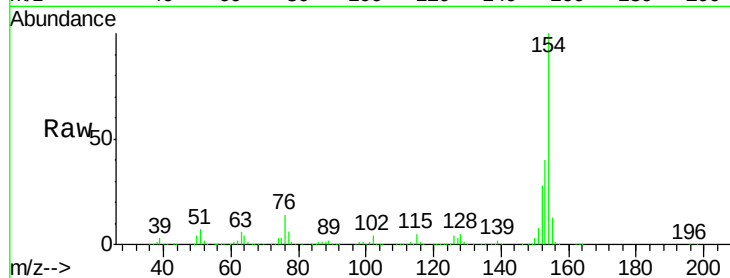


#45
 1,1'-Biphenyl
 Concen: 43.49 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1212667

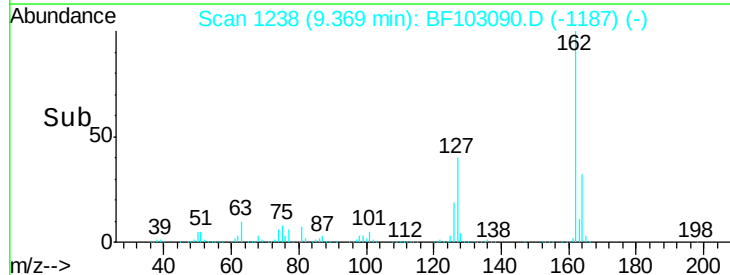
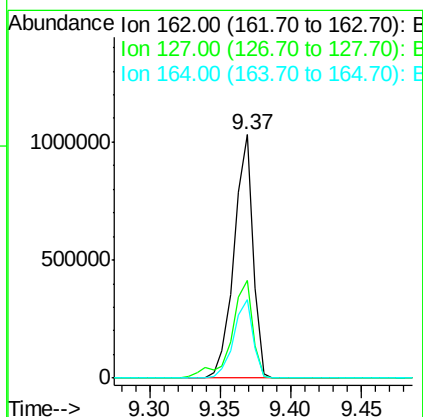
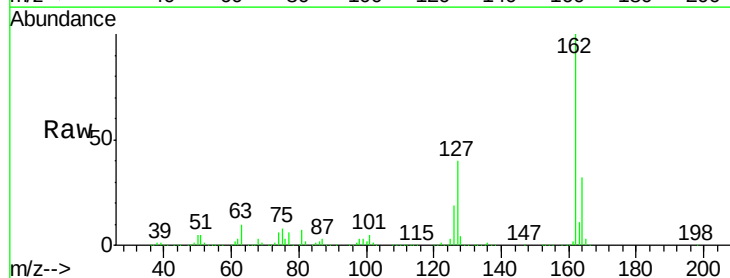
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	14.1	0.0	34.0

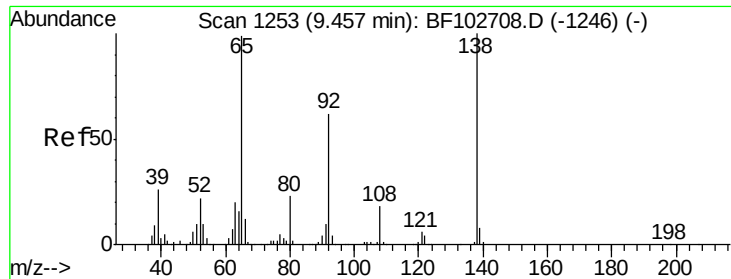


#46
 2-Chloronaphthalene
 Concen: 43.93 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:162 Resp: 964161

Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	32.3	26.5	39.7

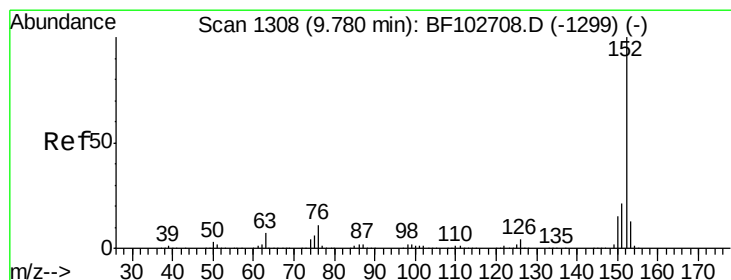
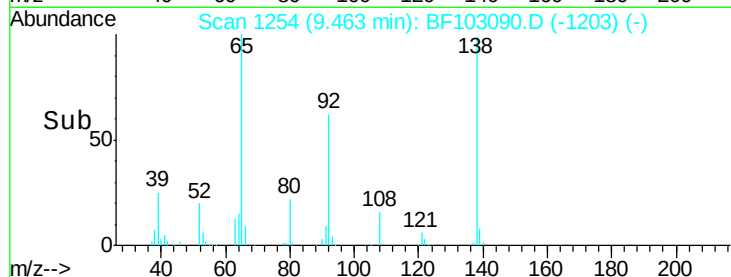
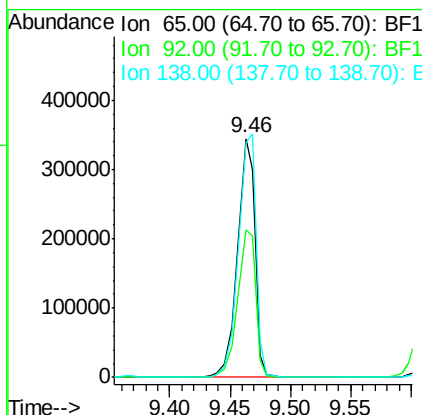
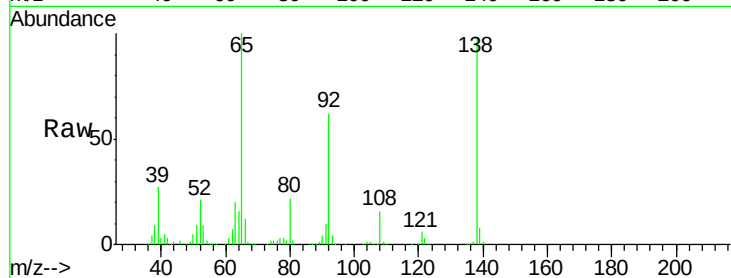




#47
2-Nitroaniline
Concen: 51.40 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

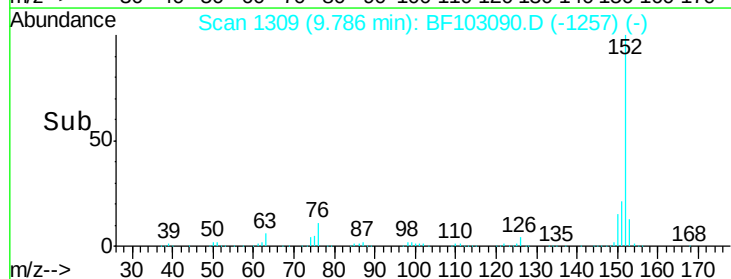
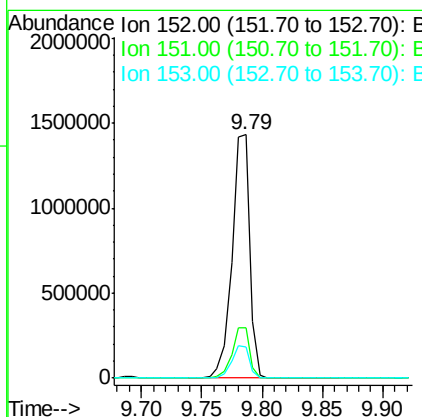
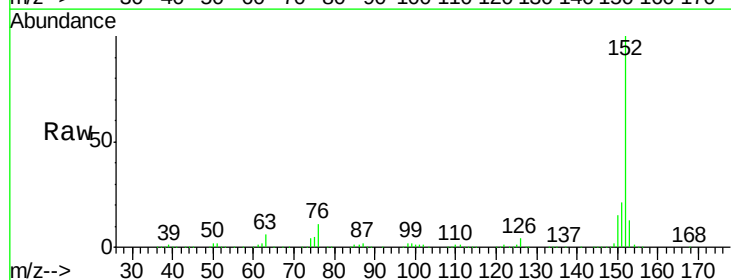
Instrument :
BNA_F
ClientSampled :

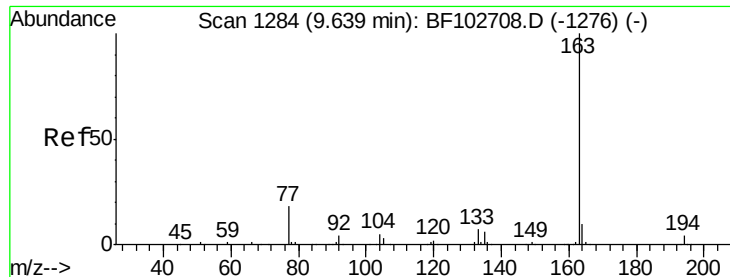
Tot Ion: 65 Resp: 349972
Ion Ratio Lower Upper
65 100
92 61.8 55.8 83.6
138 98.3 91.2 136.8



#48
Acenaphthylene
Concen: 42.85 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion: 152 Resp: 1460770
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.0 10.7 16.1

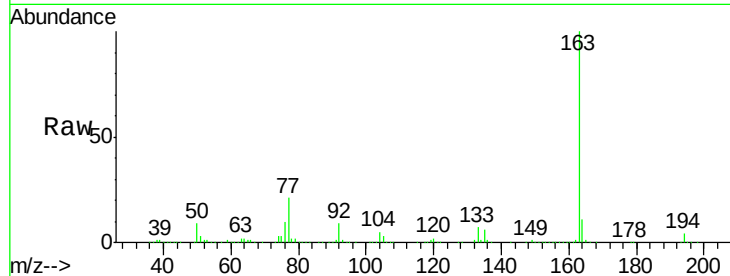




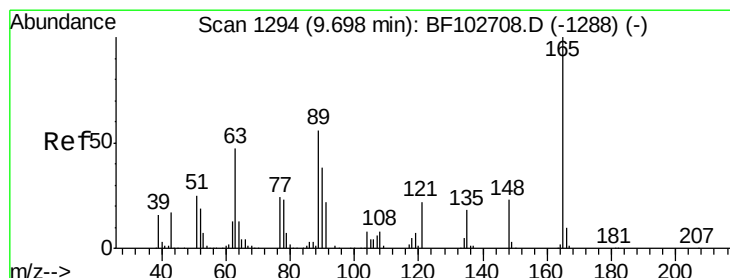
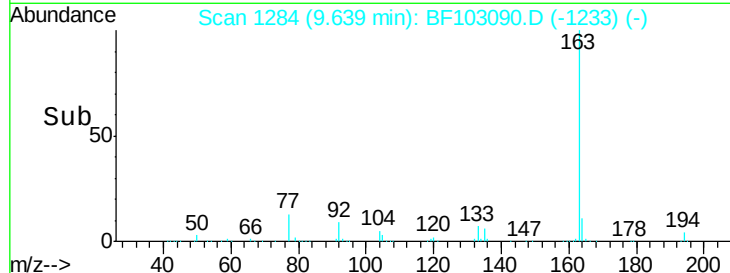
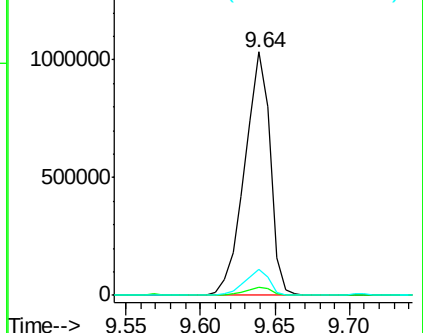
#49
Dimethylphthalate
Concen: 47.21 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1218542
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

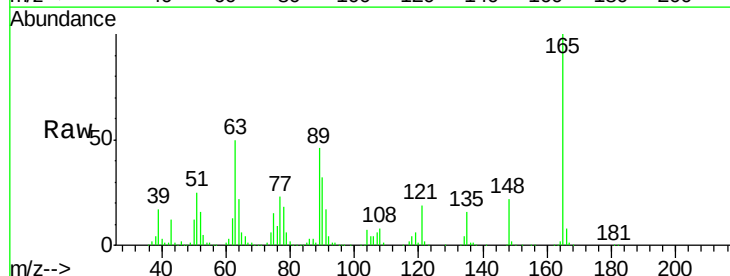


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

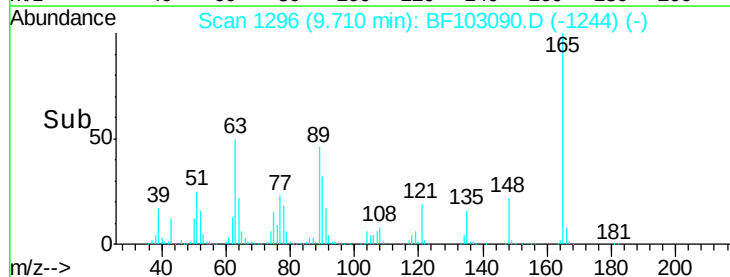
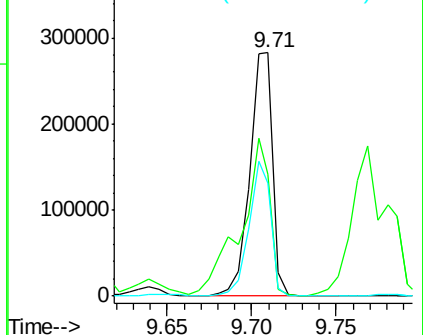


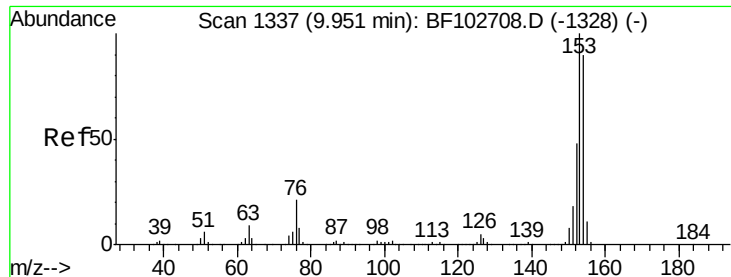
#50
2,6-Dinitrotoluene
Concen: 54.57 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:165 Resp: 267975
Ion Ratio Lower Upper
165 100
63 49.9 44.7 67.1
89 46.4 44.0 66.0



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





#51

Acenaphthene

Concen: 41.19 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

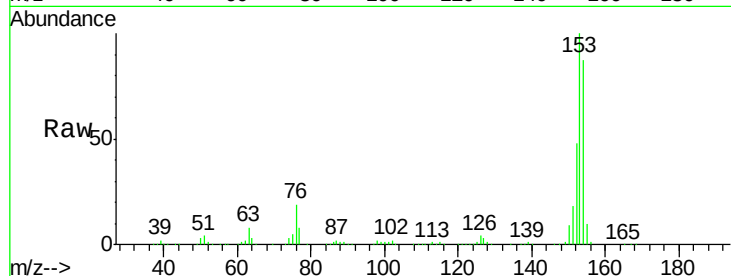
Tot Ion:154 Resp: 839778

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

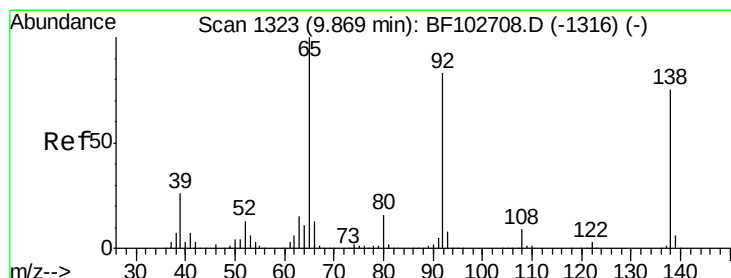
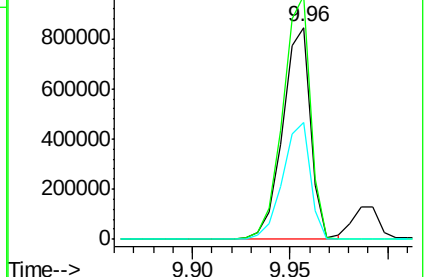
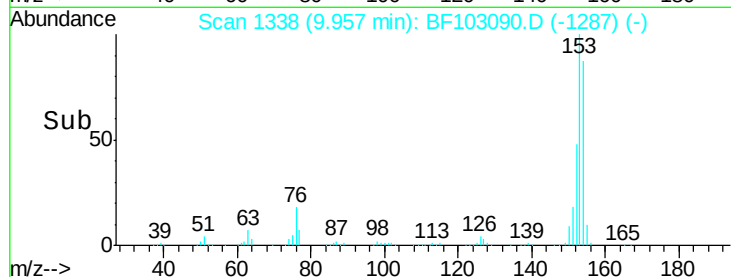
152 55.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 10.60 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

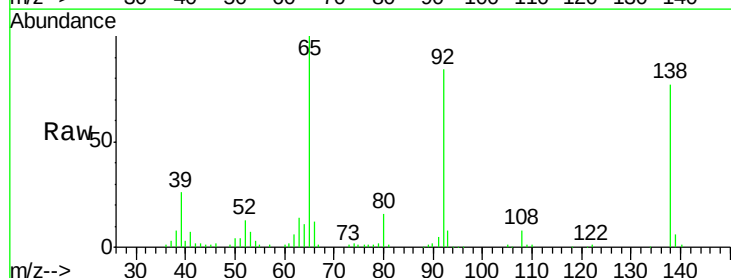
Tgt Ion:138 Resp: 64045

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

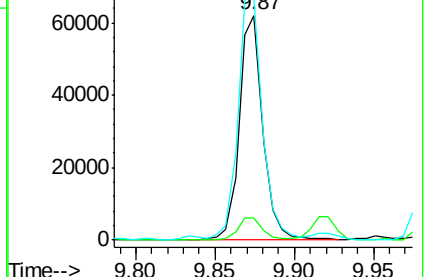
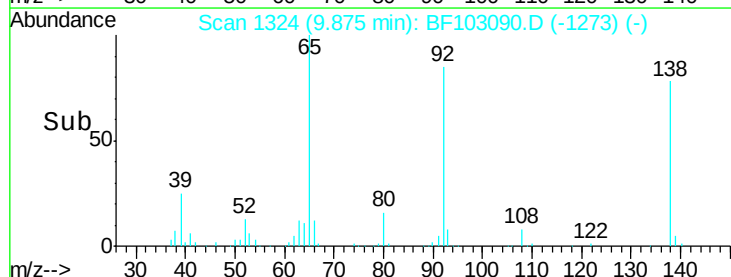
92 108.5 89.4 134.2

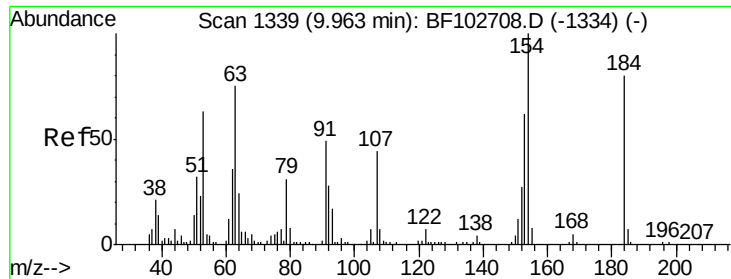


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

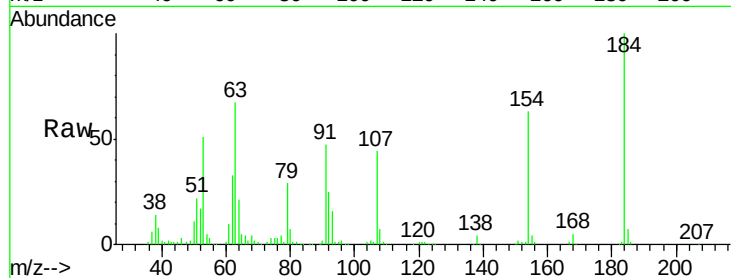




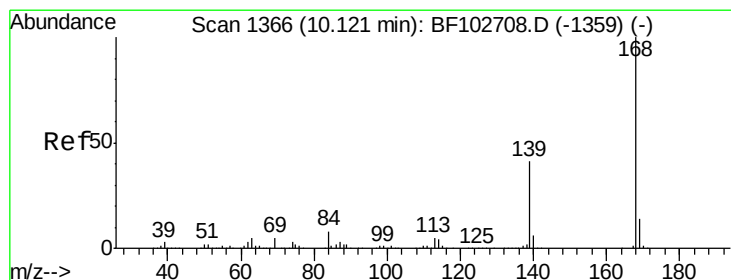
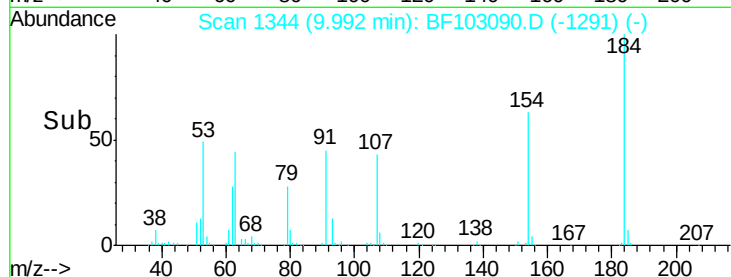
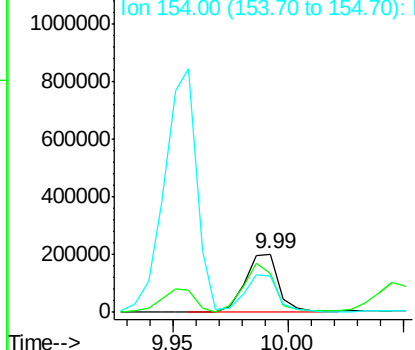
#53
 2,4-Dinitrophenol
 Concen: 104.69 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 210410
 Ion Ratio Lower Upper
 184 100
 63 66.9 54.2 81.2
 154 62.9 184.0 276.0#

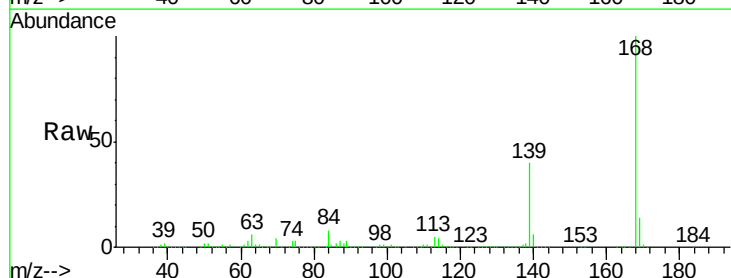


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

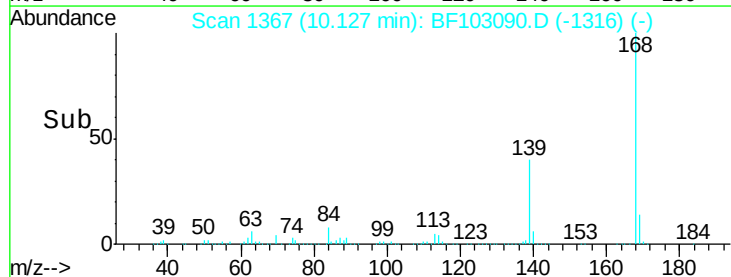
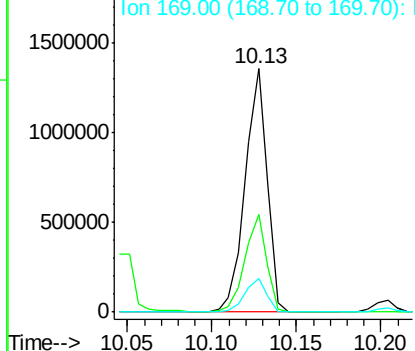


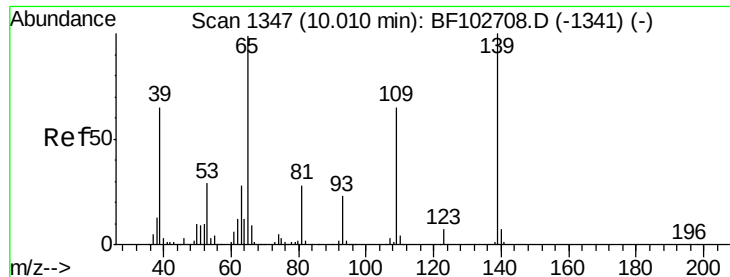
#54
 Dibenzofuran
 Concen: 43.08 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:168 Resp: 1237666
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 13.8 10.9 16.3



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

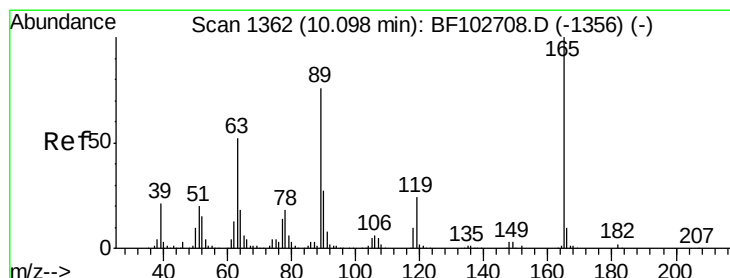
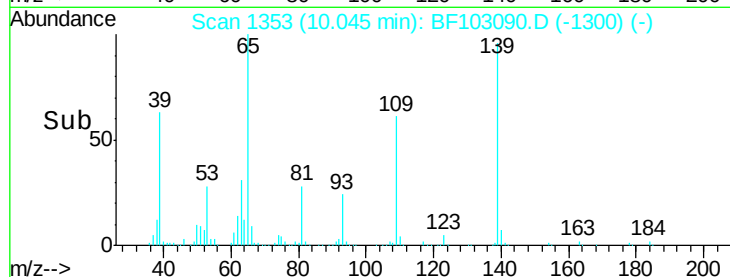
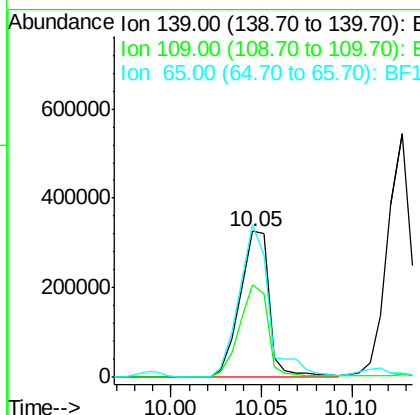
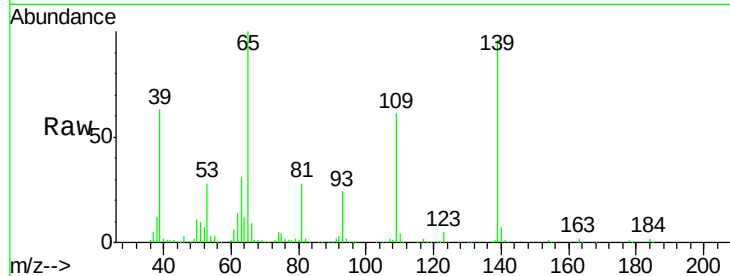




#55
4-Nitrophenol
Concen: 74.84 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

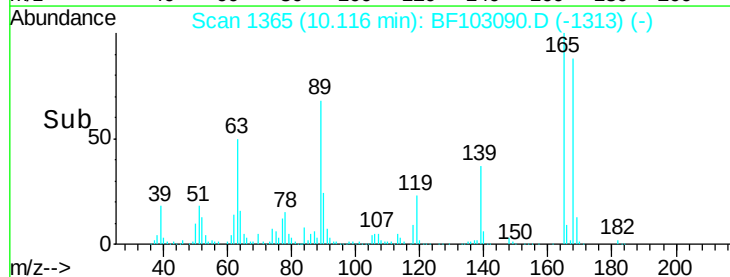
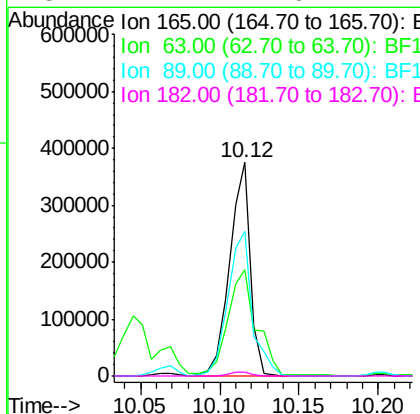
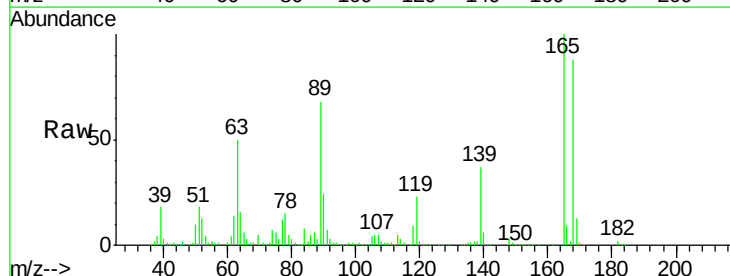
Instrument :
BNA_F
ClientSampleId :

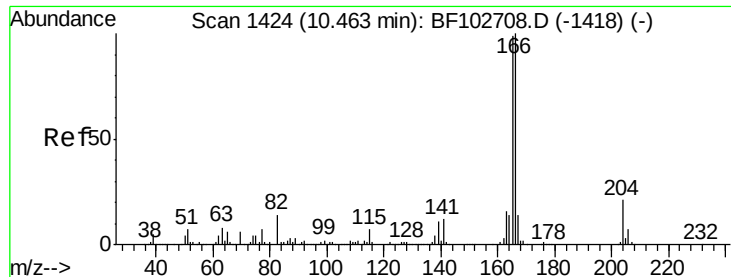
Tot Ion:139 Resp: 370233
Ion Ratio Lower Upper
139 100
109 63.8 48.4 88.4
65 104.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.88 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:165 Resp: 336378
Ion Ratio Lower Upper
165 100
63 49.8 36.4 54.6
89 67.7 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 46.02 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

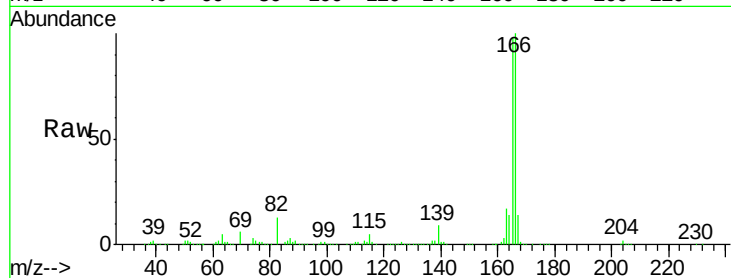
Tot Ion:166 Resp: 962022

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

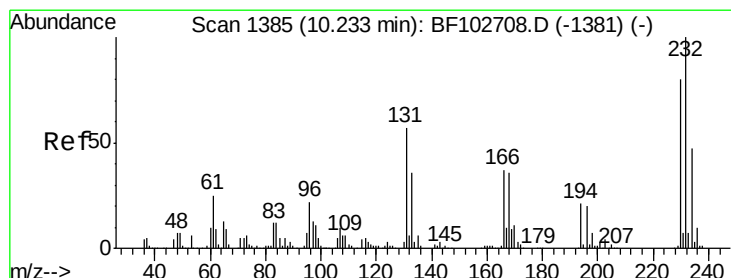
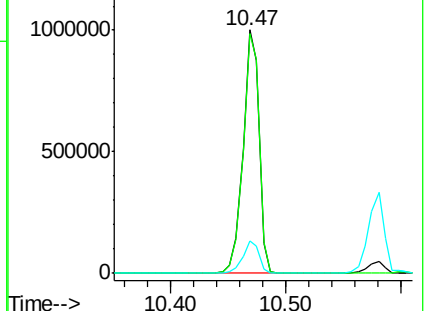
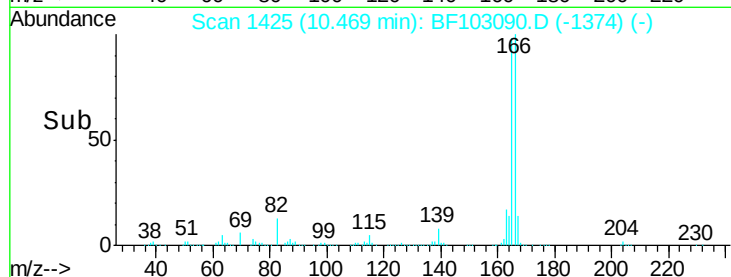
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.34 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Tgt Ion:232 Resp: 232822

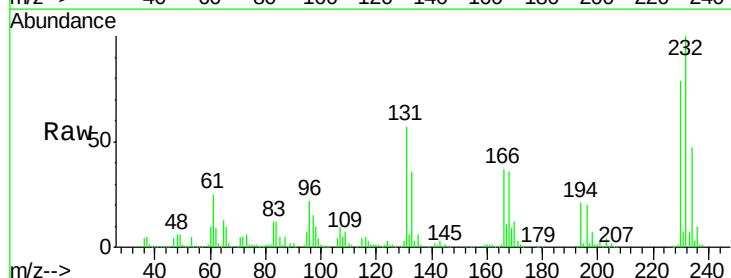
Ion Ratio Lower Upper

232 100

131 55.1 43.8 65.8

130 2.7 2.1 3.1

166 35.6 27.8 41.6

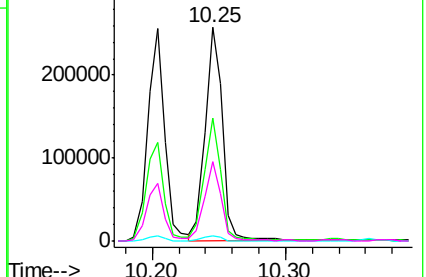
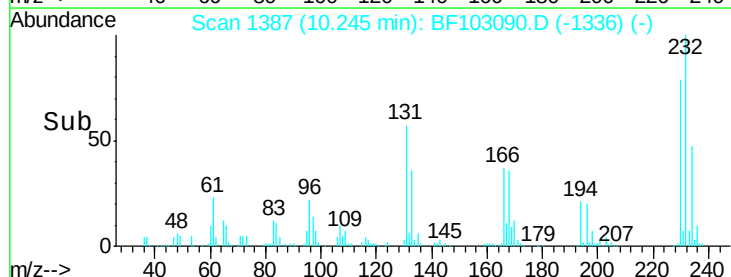


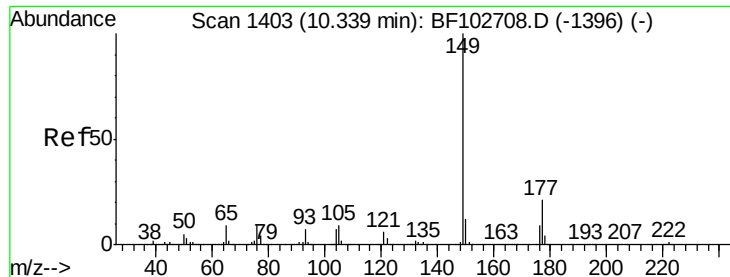
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

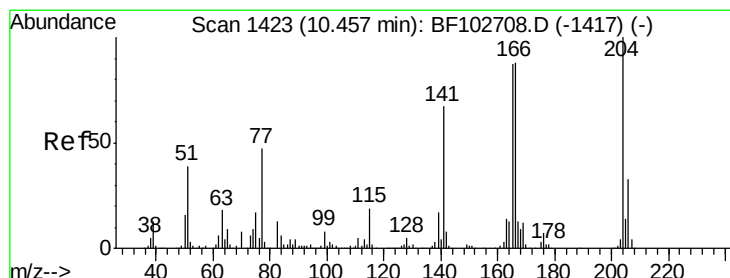
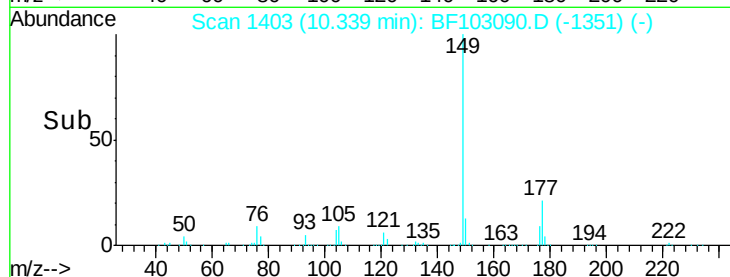
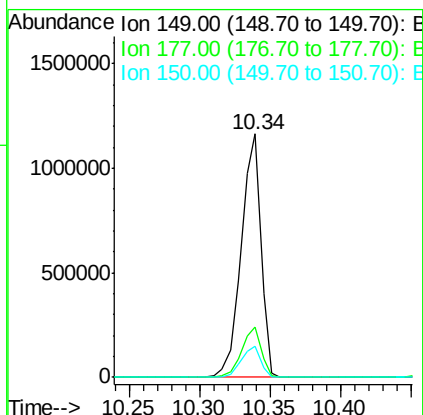
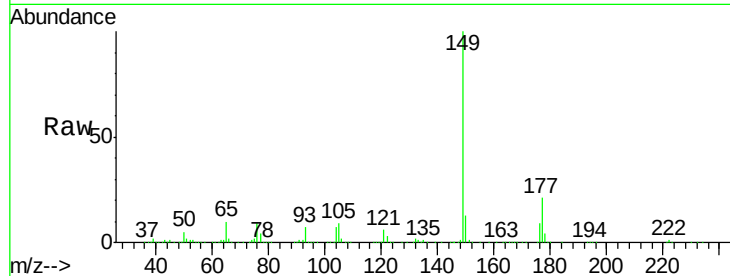




#59
Diethylphthalate
Concen: 44.32 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

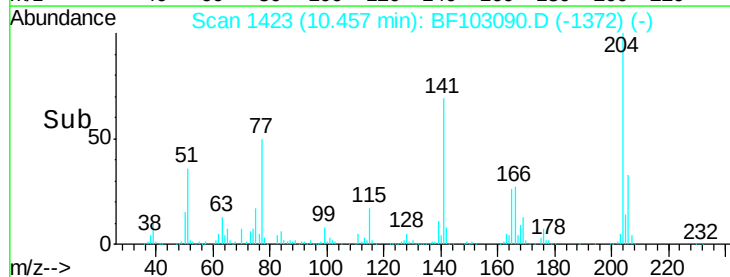
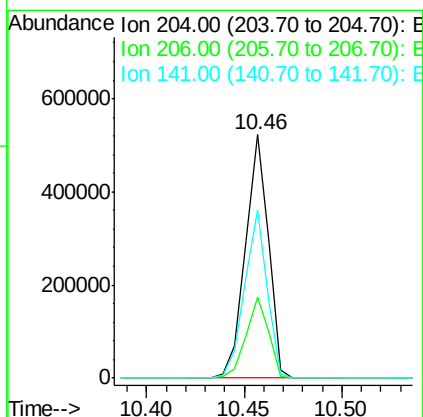
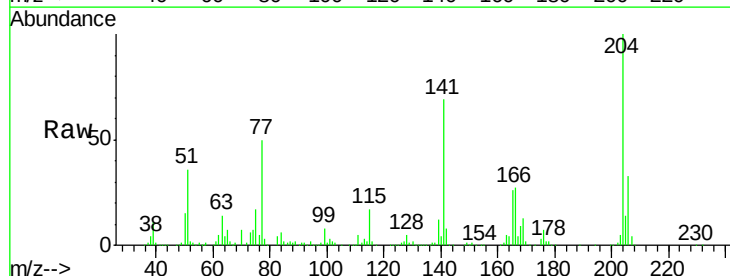
Instrument :
BNA_F
ClientSampleId :

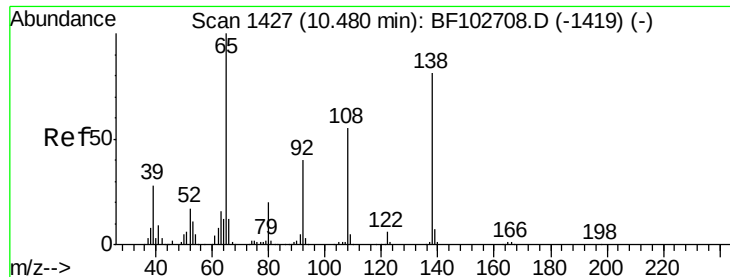
Tot Ion:149 Resp: 1129575
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.12 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:204 Resp: 426492
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.9 54.6 81.8

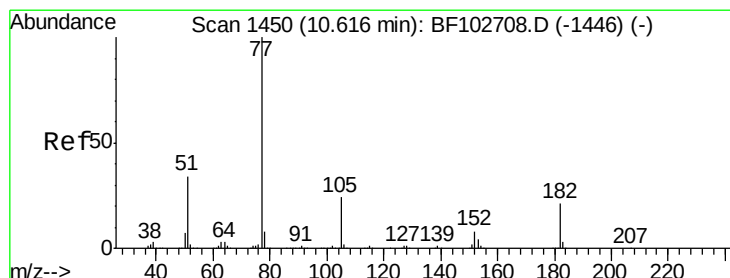
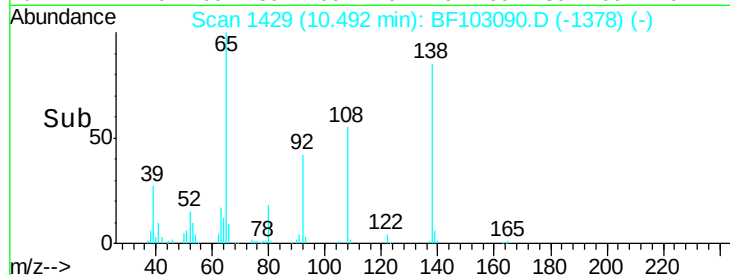
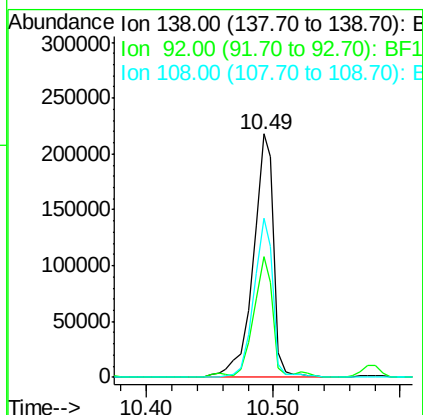
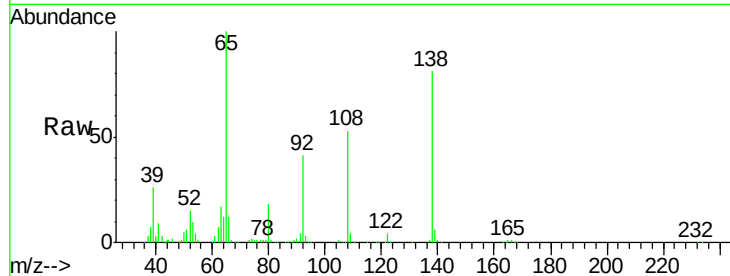




#61
4-Nitroaniline
Concen: 42.84 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

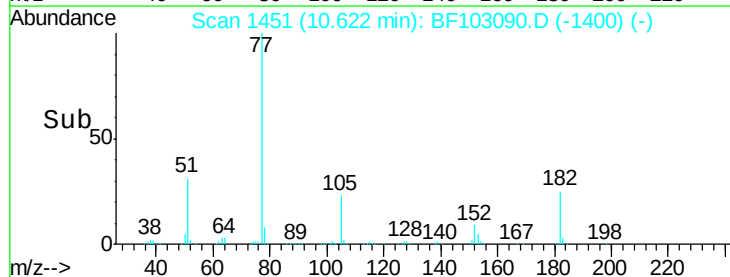
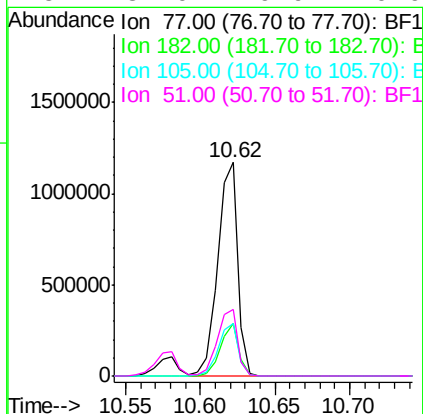
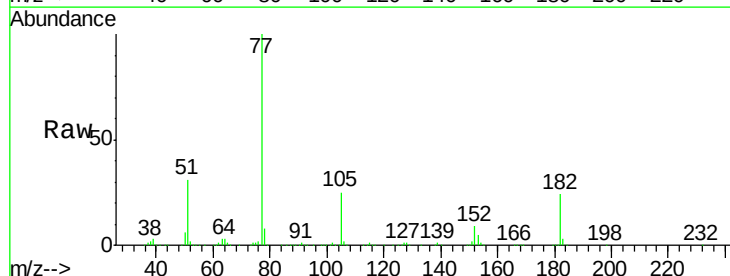
Instrument :
BNA_F
ClientSampled :

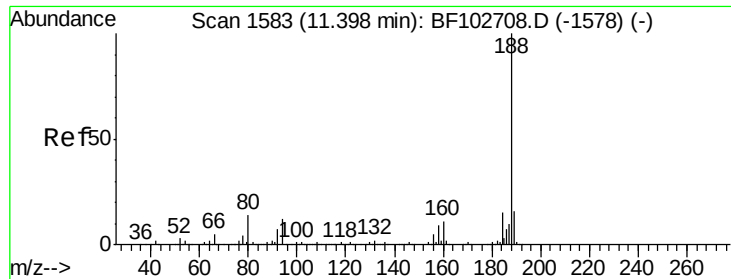
Tot Ion:138 Resp: 246409
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 65.6 52.5 92.5



#62
Azobenzene
Concen: 43.14 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion: 77 Resp: 1098458
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 24.5 3.0 43.0
51 31.0 9.9 49.9

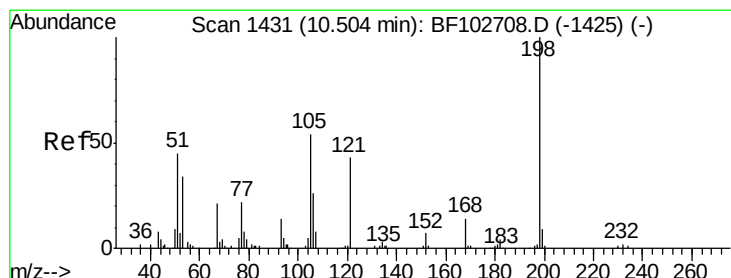
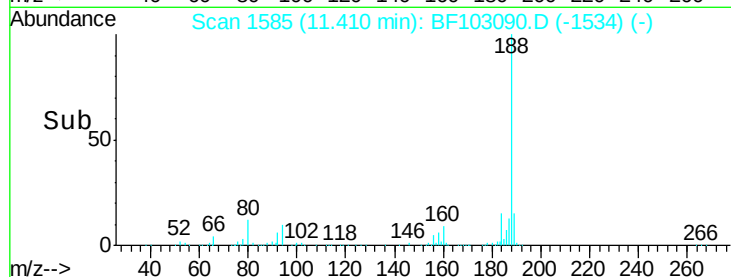
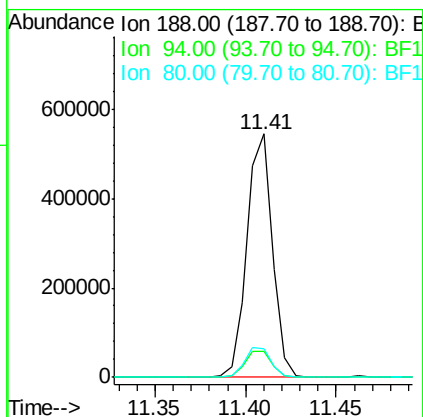
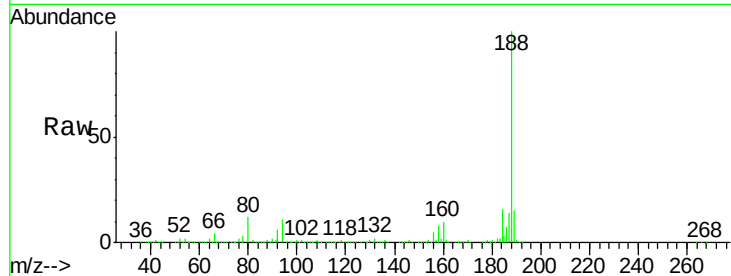




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

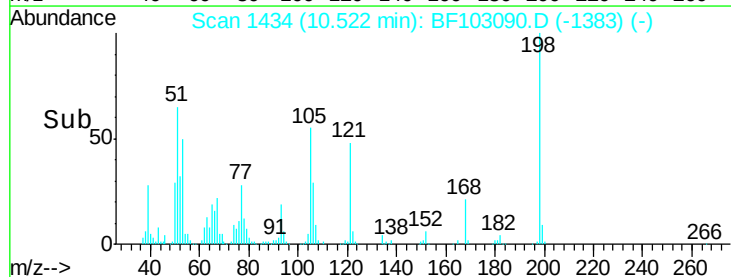
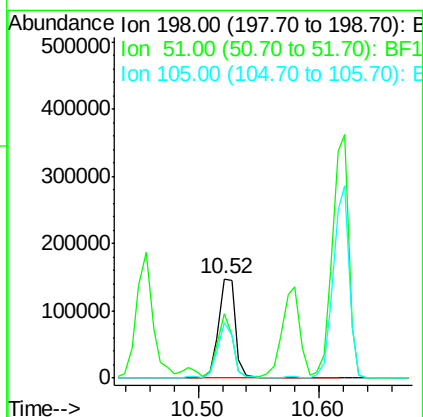
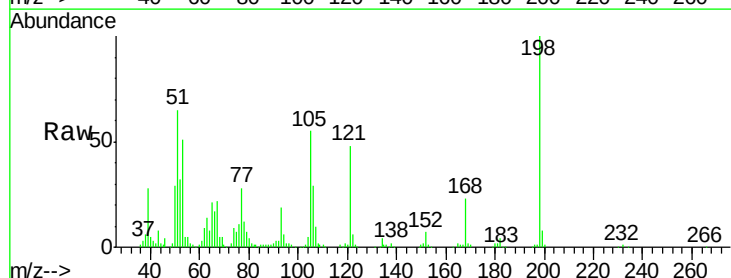
Instrument :
BNA_F
ClientSampleId :

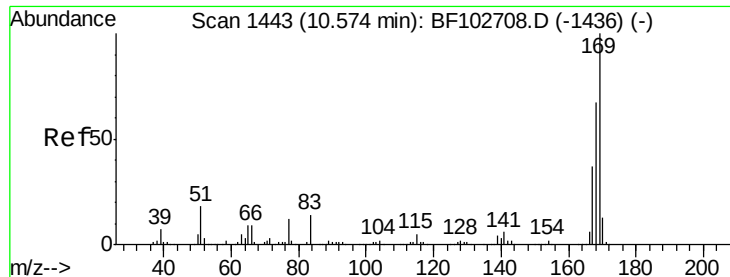
Tot Ion:188 Resp: 531076
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 59.96 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:198 Resp: 143443
Ion Ratio Lower Upper
198 100
51 64.8 37.7 77.7
105 55.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 45.17 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampled :

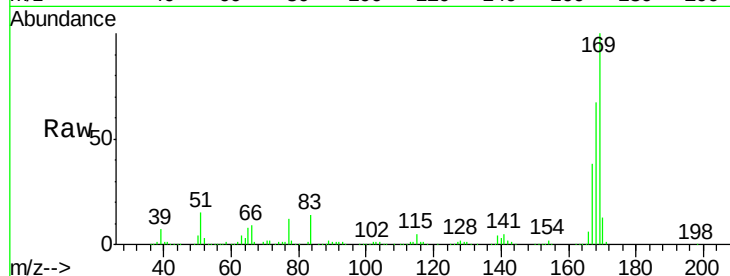
Tot Ion:169 Resp: 846096

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

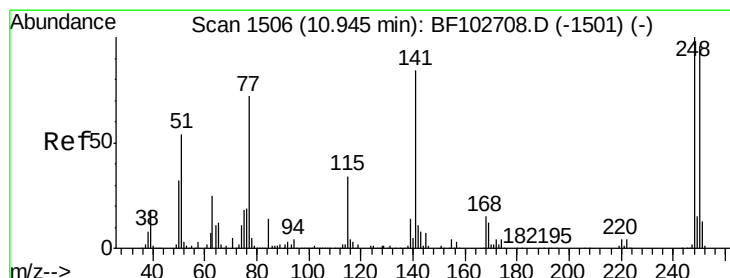
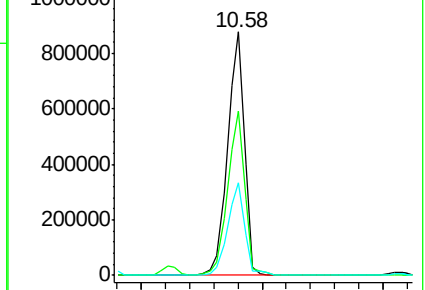
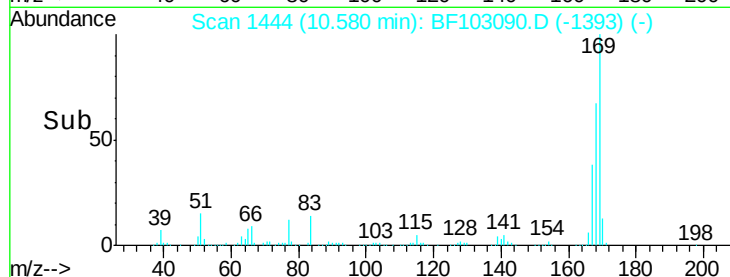
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.04 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

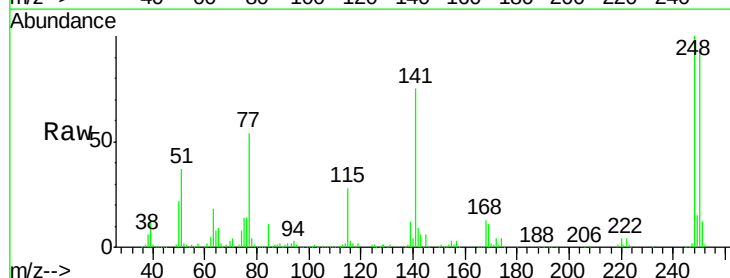
Tgt Ion:248 Resp: 269891

Ion Ratio Lower Upper

248 100

250 94.5 76.9 115.3

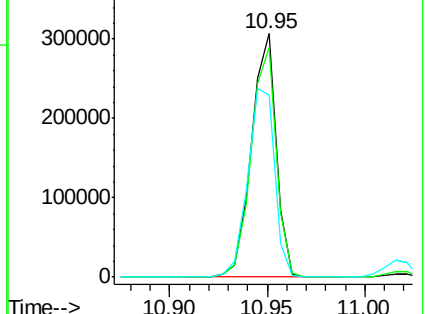
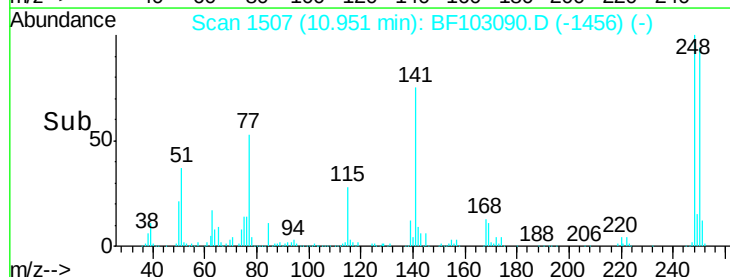
141 74.6 74.4 111.6

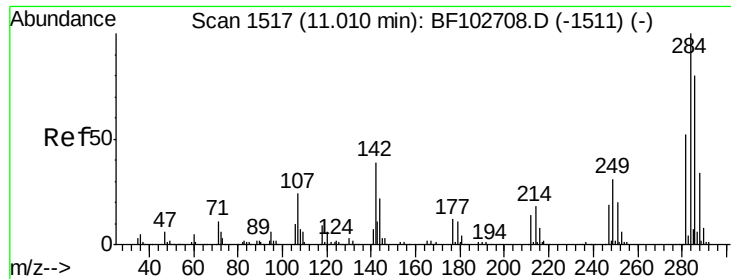


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.07 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

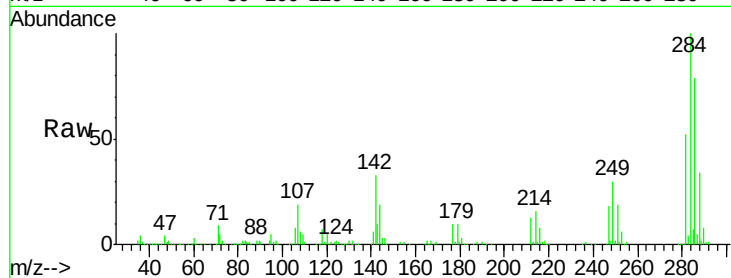
Tot Ion:284 Resp: 279301

Ion Ratio Lower Upper

284 100

142 33.0 34.6 52.0#

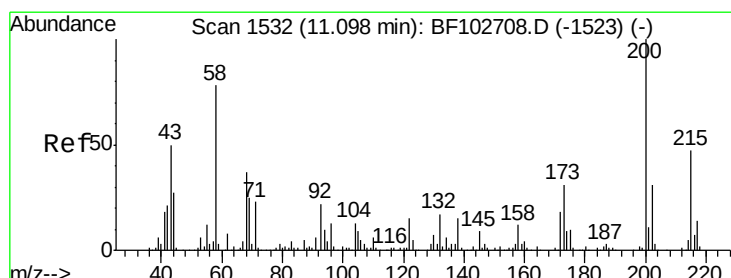
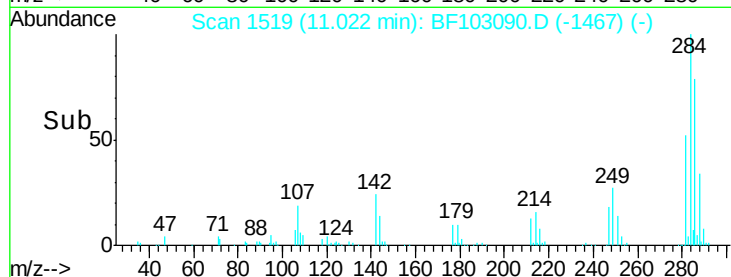
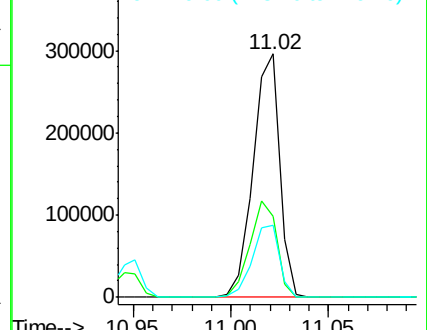
249 29.6 24.8 37.2



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



#68

Atrazine

Concen: 36.54 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

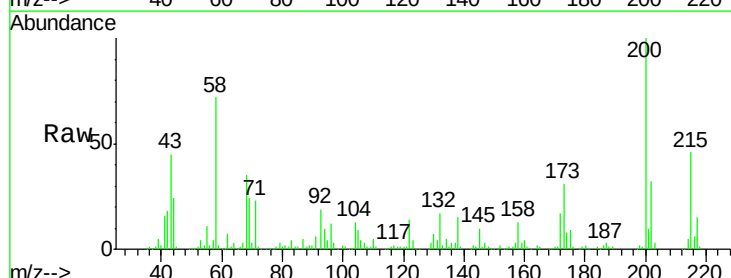
Tgt Ion:200 Resp: 201954

Ion Ratio Lower Upper

200 100

173 30.8 8.6 48.6

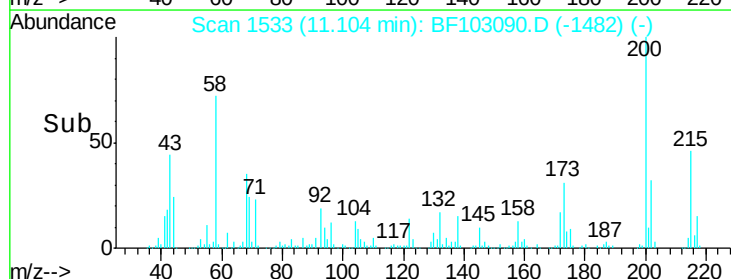
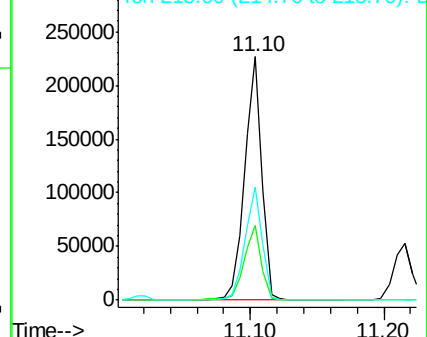
215 46.3 25.1 65.1

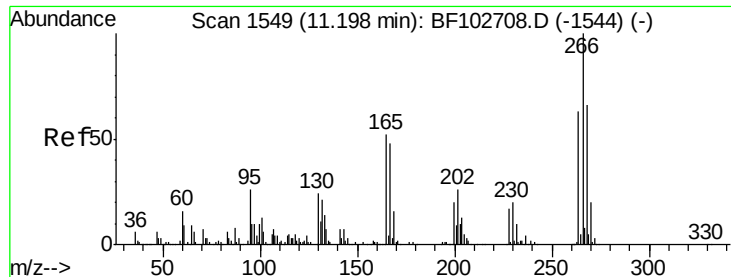


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.24 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

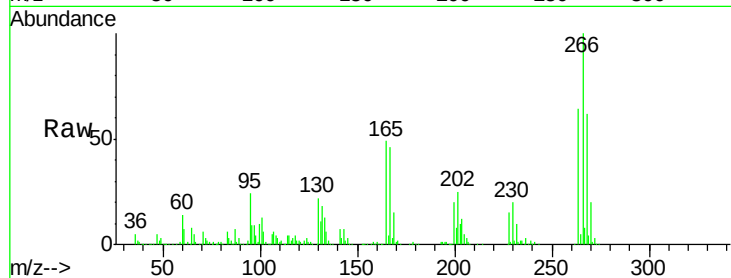
Tot Ion:266 Resp: 270089

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

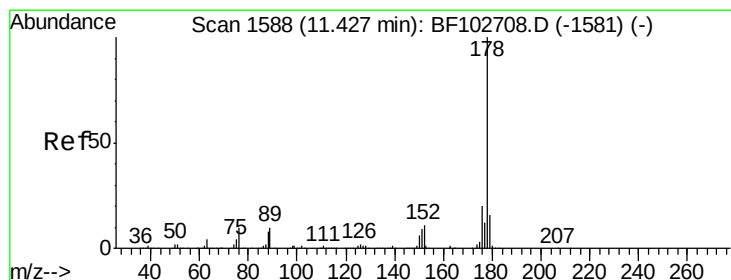
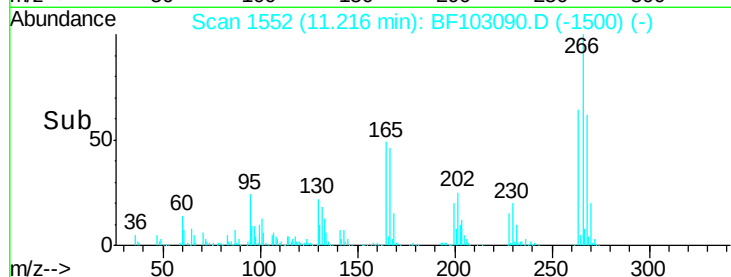
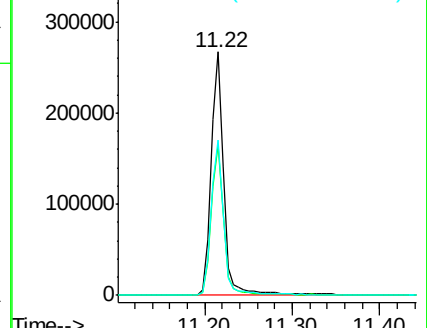
264 63.7 49.5 74.3



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



#70

Phenanthrene

Concen: 44.01 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

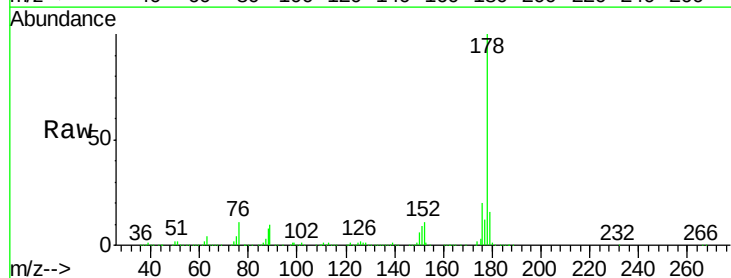
Tgt Ion:178 Resp: 1301796

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

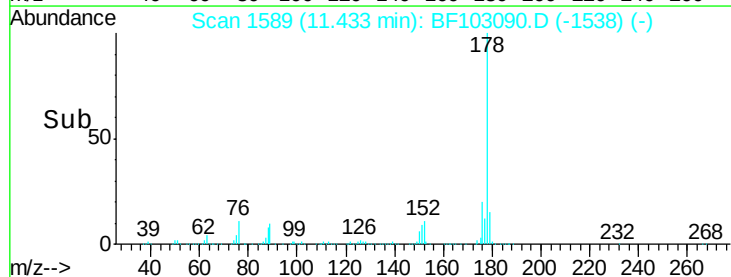
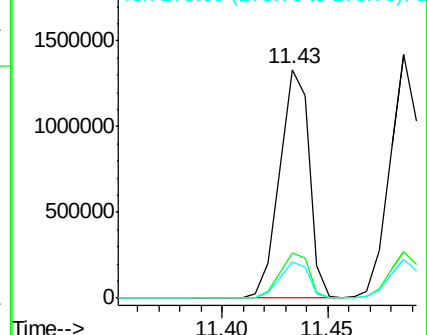
179 15.7 13.0 19.6

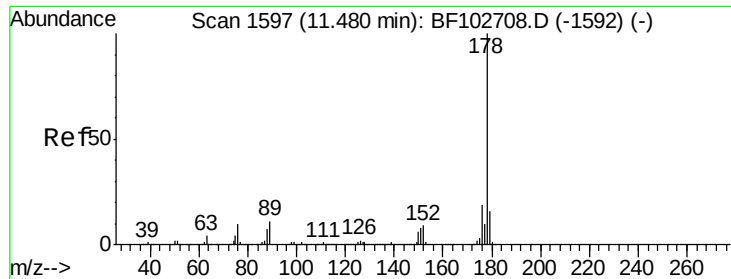


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

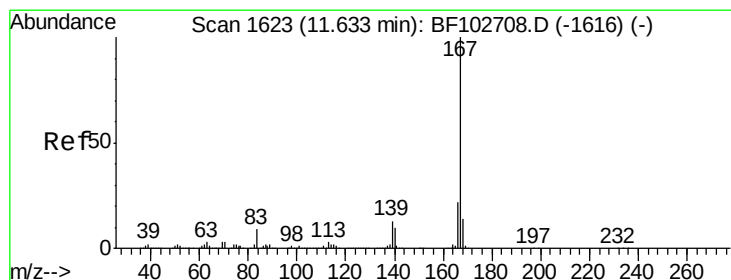
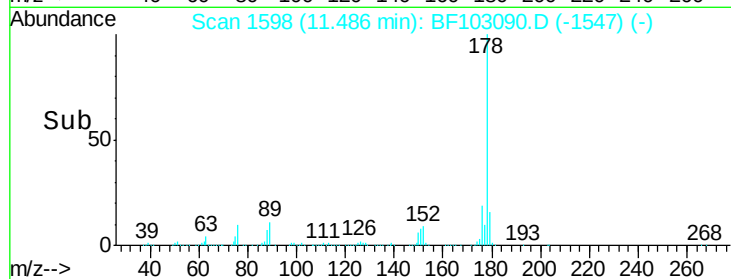
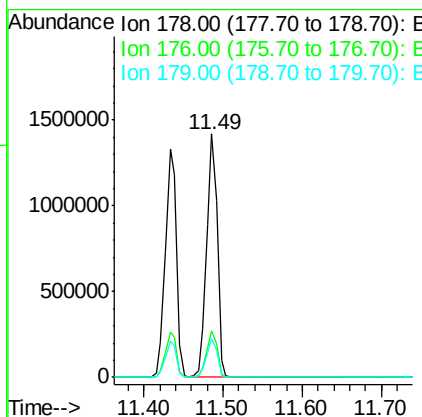
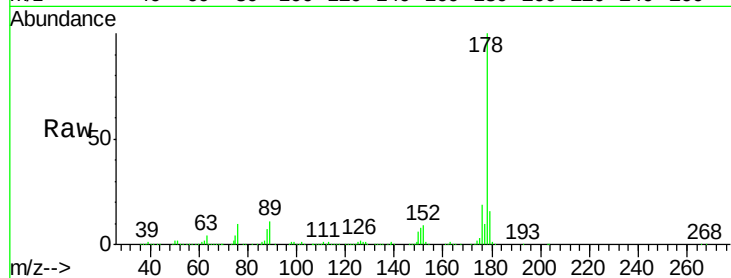




#71
 Anthracene
 Concen: 44.60 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

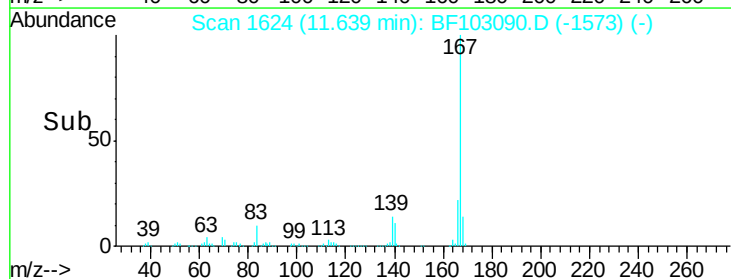
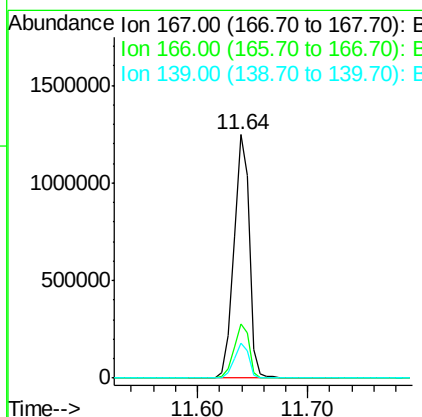
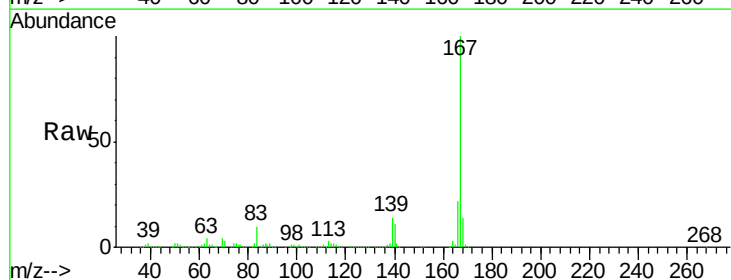
Instrument :
 BNA_F
 ClientSampleId :

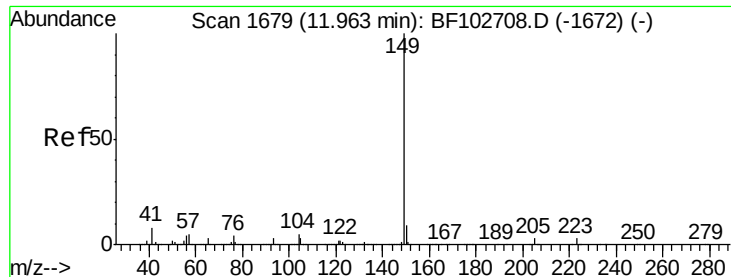
Tot Ion:178 Resp: 1341820
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.53 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103090.D
 Acq: 19 Feb 2018 18:44

Tgt Ion:167 Resp: 1223891
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.63 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

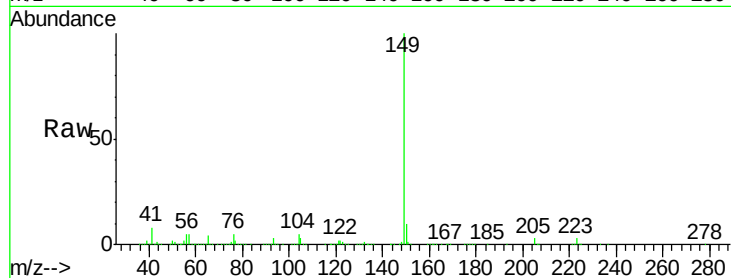
Tot Ion:149 Resp: 1669483

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

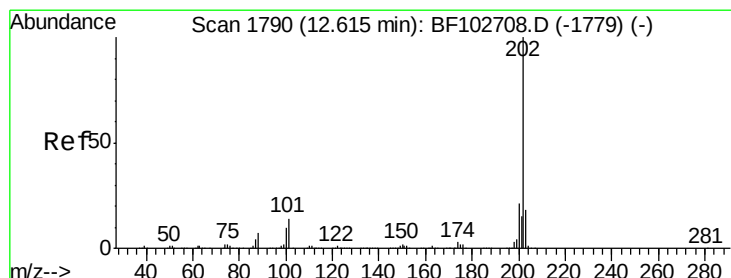
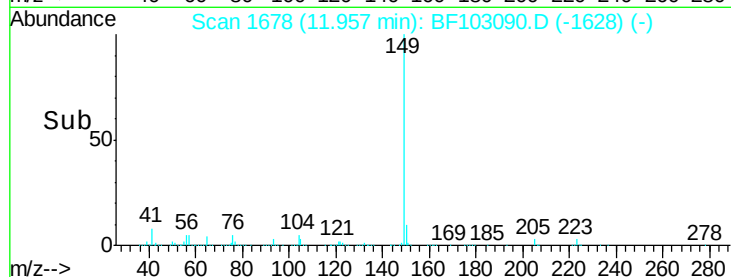
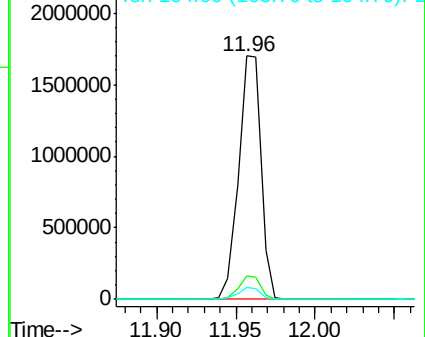
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.10 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

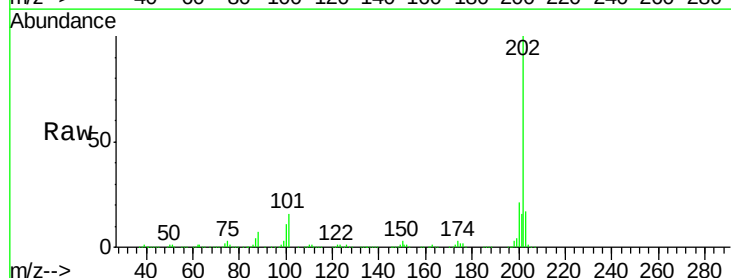
Tgt Ion:202 Resp: 1163674

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.1

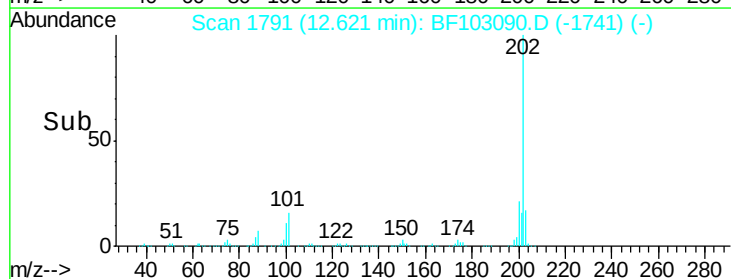
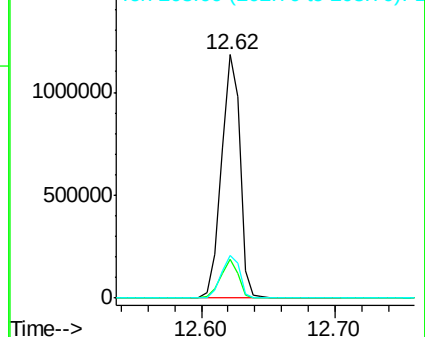
203 17.4 0.0 38.1

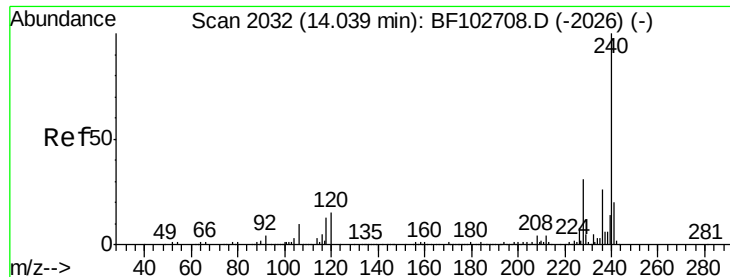


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

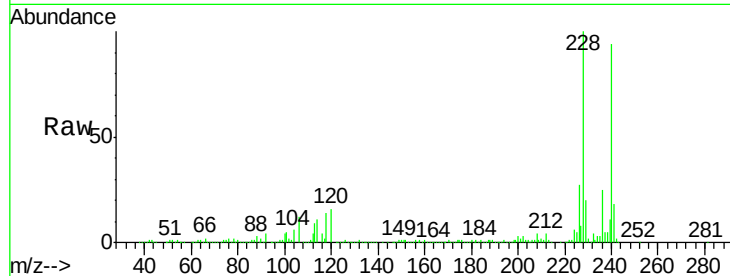
Tot Ion:240 Resp: 301135

Ion Ratio Lower Upper

240 100

120 17.3 9.5 14.3#

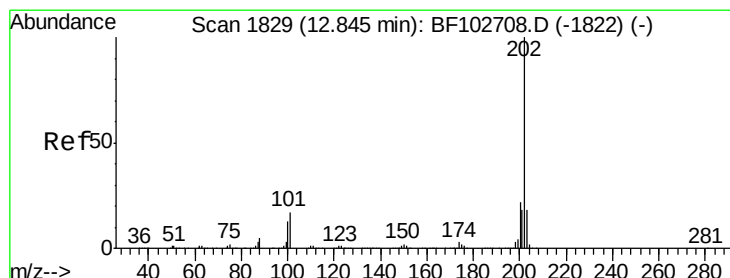
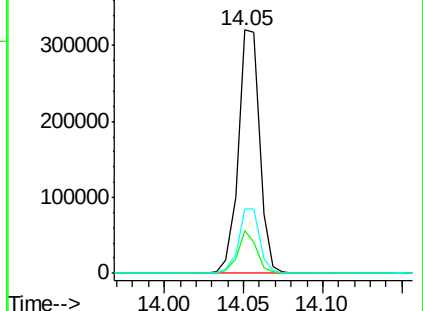
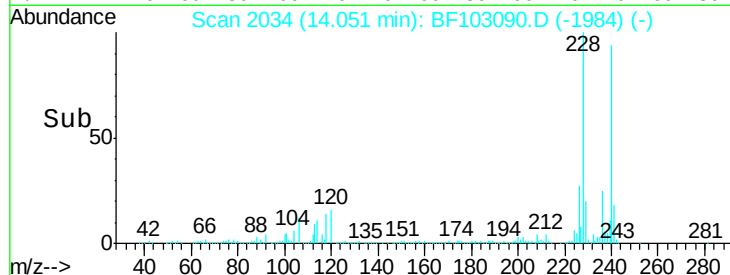
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 47.77 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

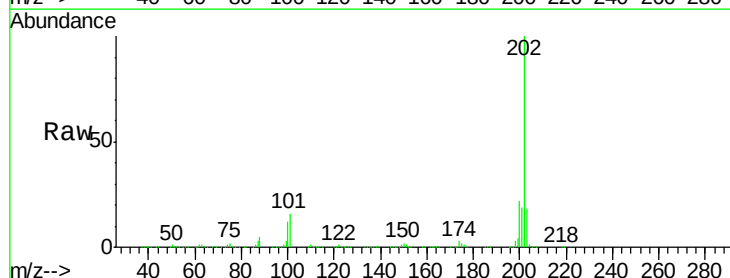
Tgt Ion:202 Resp: 1128104

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

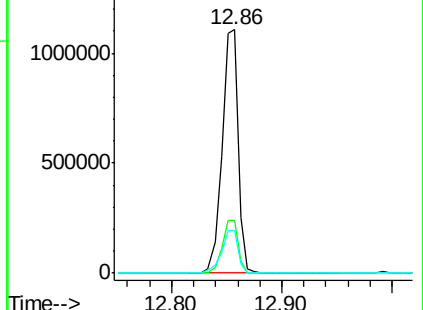
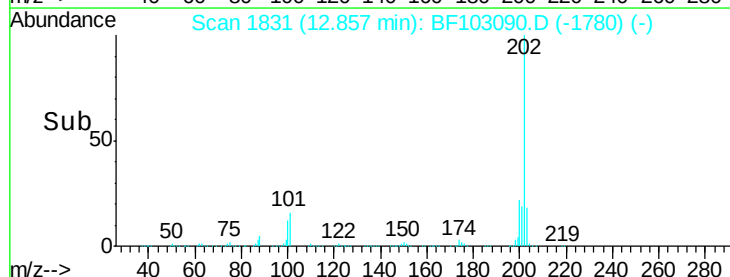
203 17.8 14.3 21.5

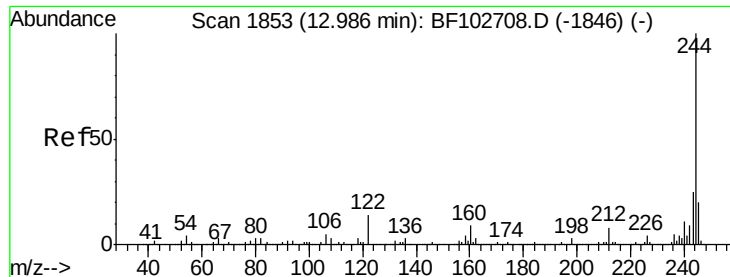


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 108.74 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

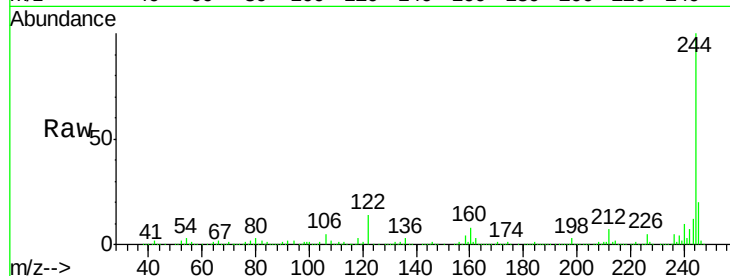
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1383001

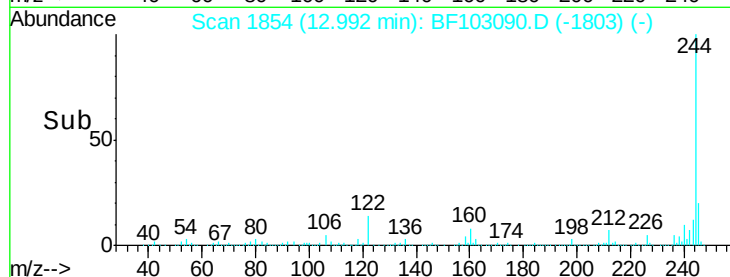
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4



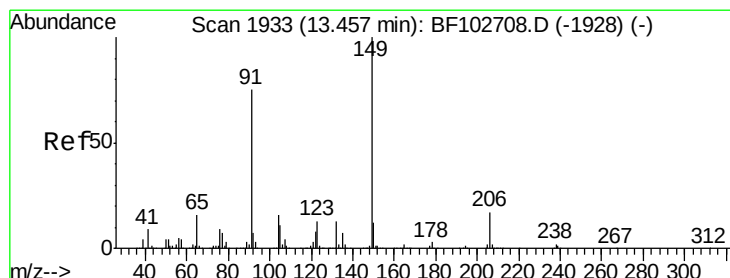
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 54.29 ng

RT: 13.46 min Scan# 1933

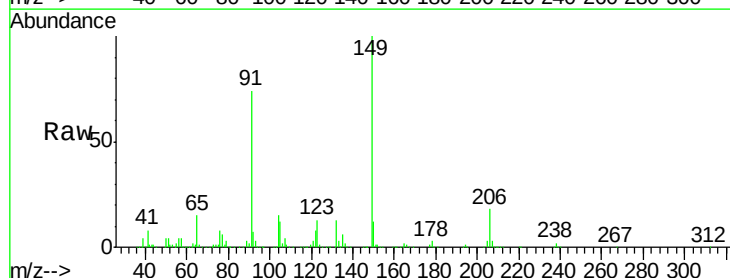
Delta R.T. -0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Tgt Ion:149 Resp: 614732

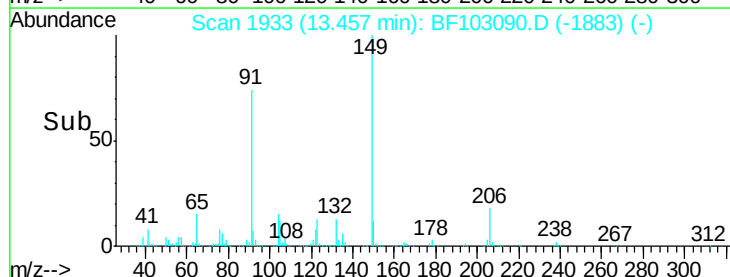
Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.8	85.2
206	17.5	14.1	21.1



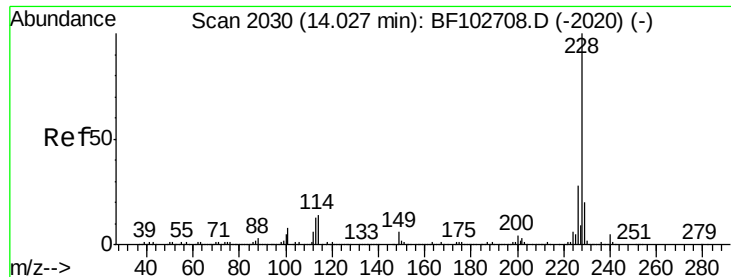
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 48.90 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

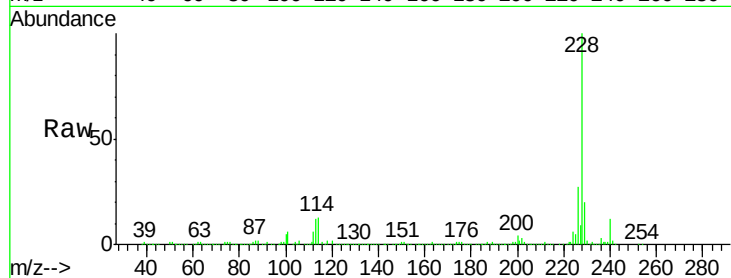
Tot Ion:228 Resp: 926070

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

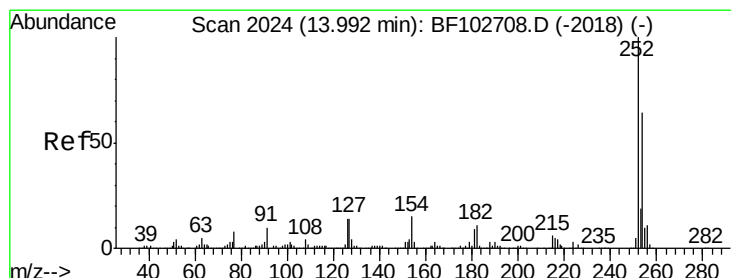
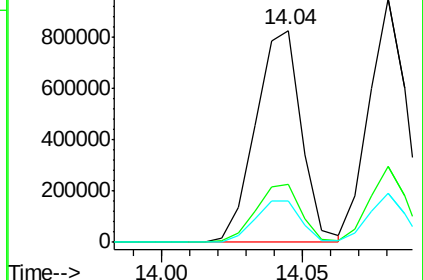
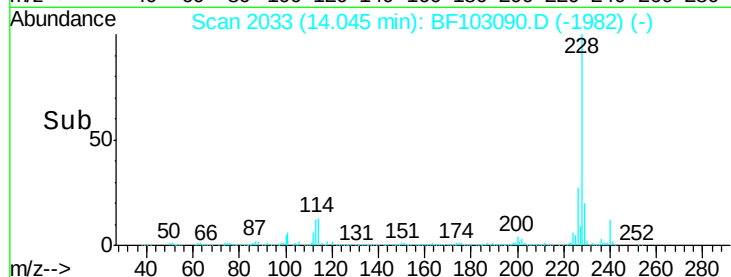
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 15.96 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

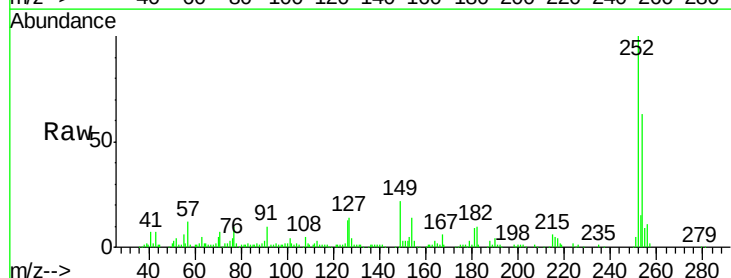
Tgt Ion:252 Resp: 112047

Ion Ratio Lower Upper

252 100

254 63.5 50.4 75.6

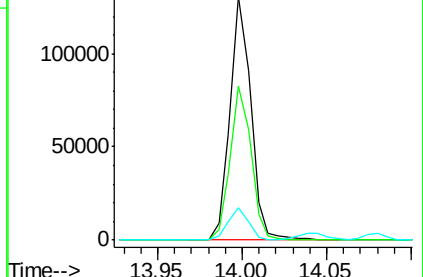
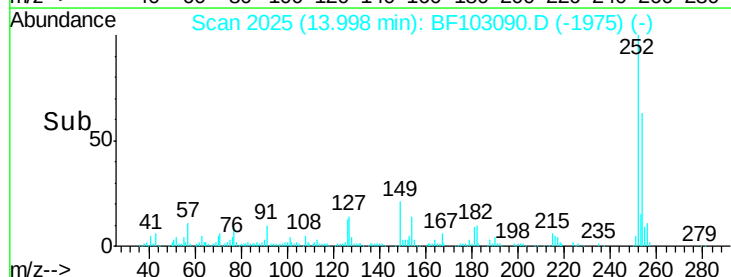
126 13.4 11.3 16.9

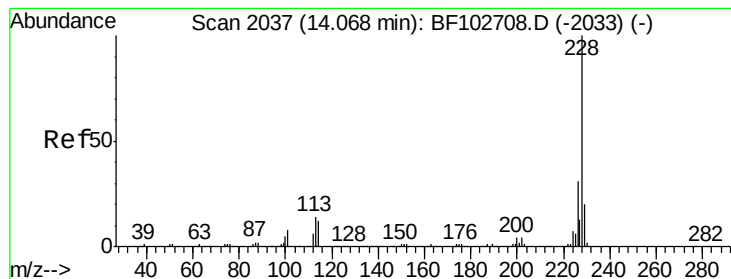


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.07 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

Instrument :

BNA_F

ClientSampleId :

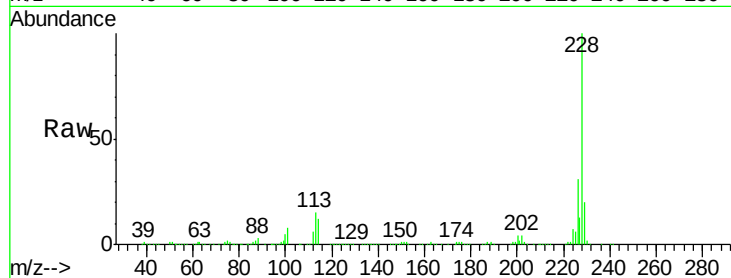
Tot Ion:228 Resp: 860434

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

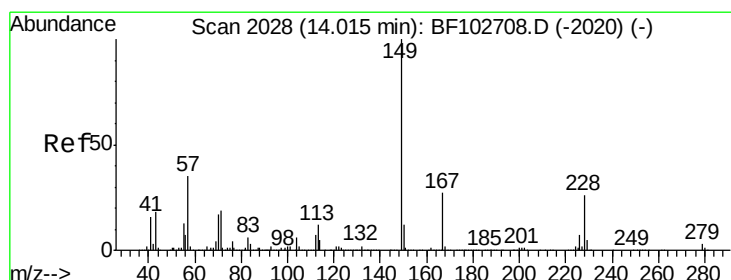
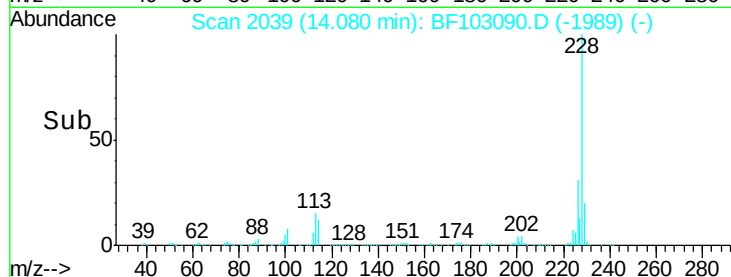
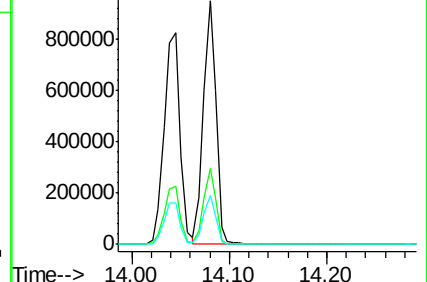
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.95 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103090.D

Acq: 19 Feb 2018 18:44

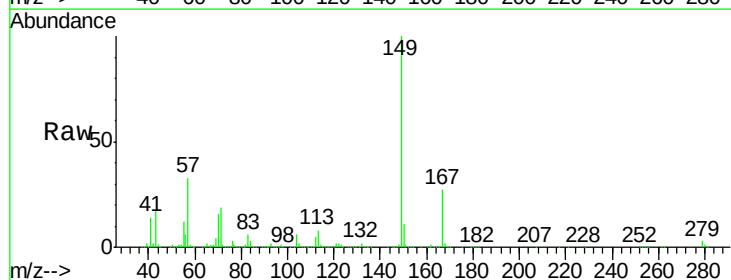
Tgt Ion:149 Resp: 838288

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

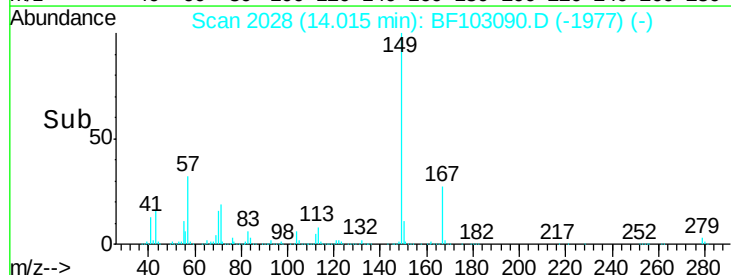
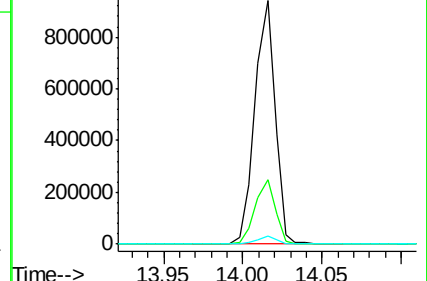
279 3.1 3.0 4.4

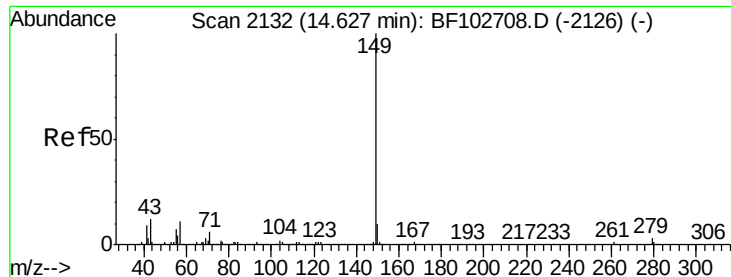


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

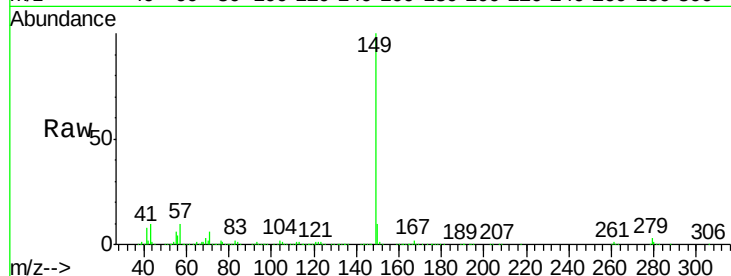




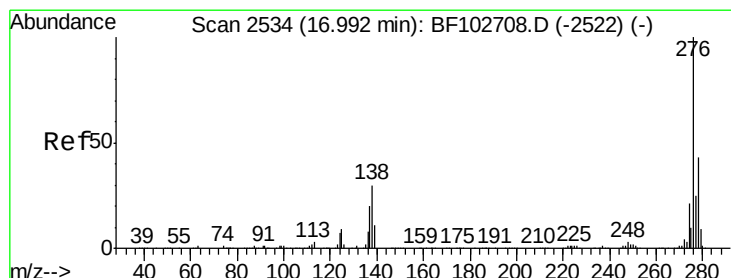
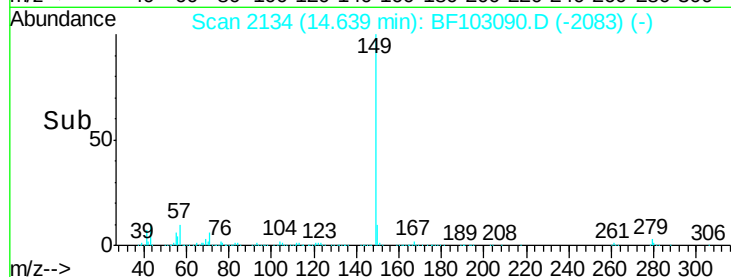
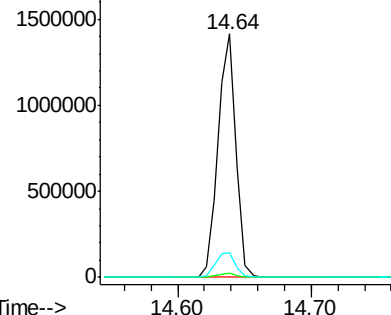
#84
Di-n-octyl phthalate
Concen: 61.67 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1339468
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 8.4 12.6

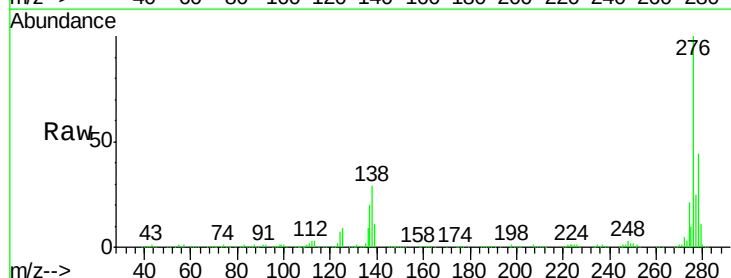


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

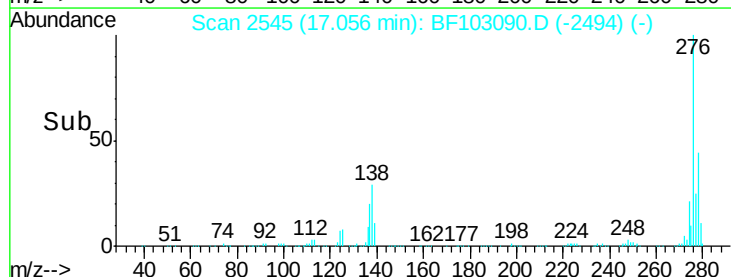
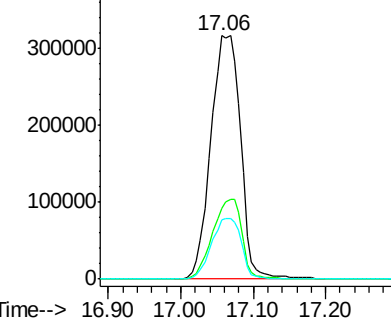


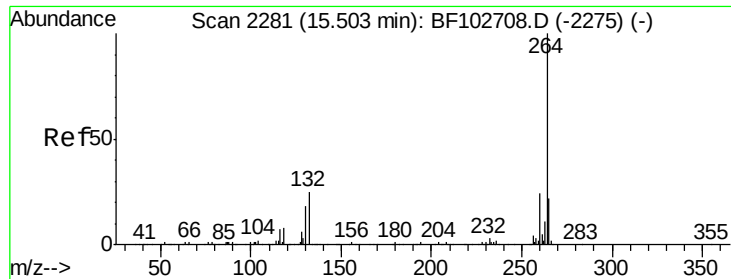
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.99 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:276 Resp: 902292
Ion Ratio Lower Upper
276 100
138 32.5 25.0 37.6
277 25.1 20.1 30.1



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

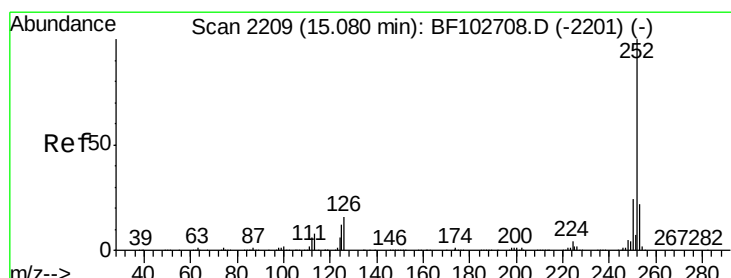
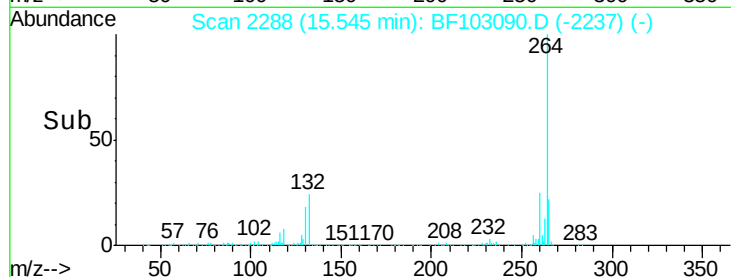
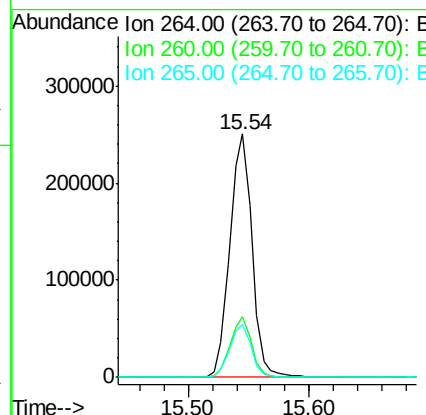
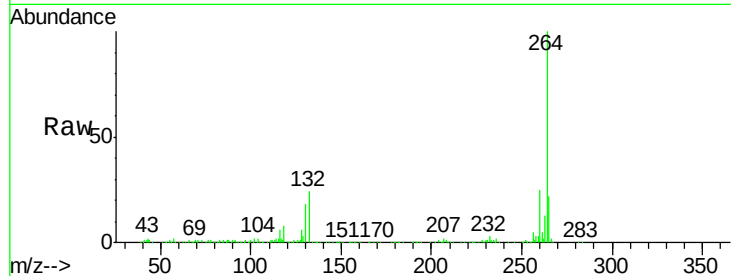




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

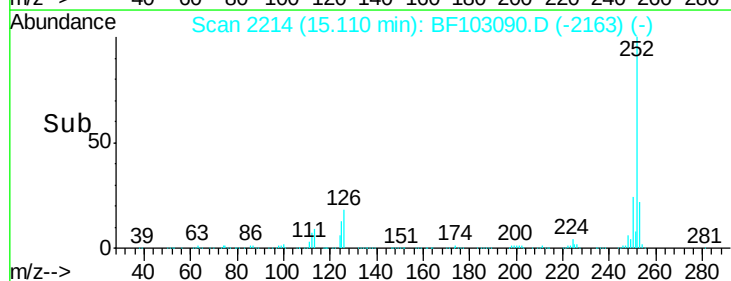
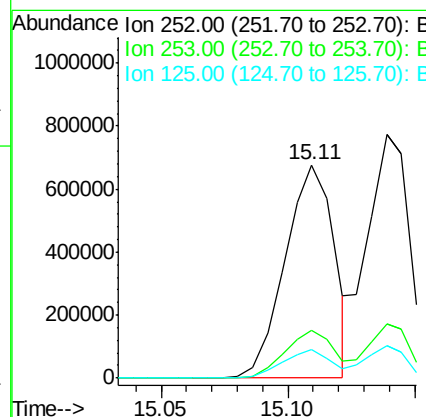
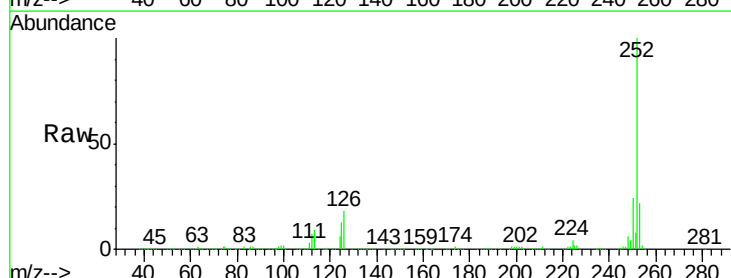
Instrument :
BNA_F
ClientSampleId :

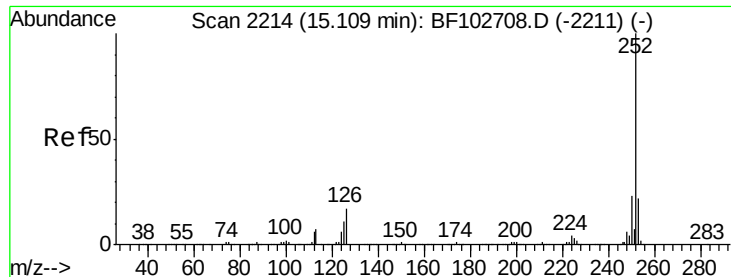
Tot Ion:264 Resp: 319735
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 44.01 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:252 Resp: 912274
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.4 9.0 13.6

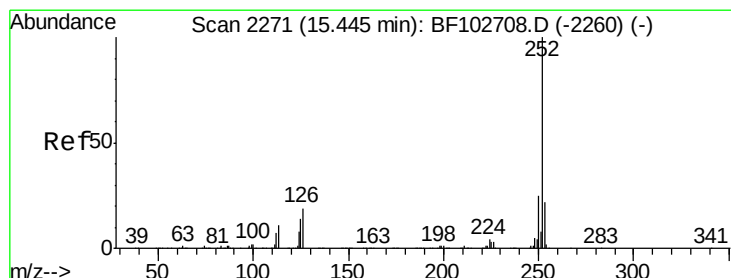
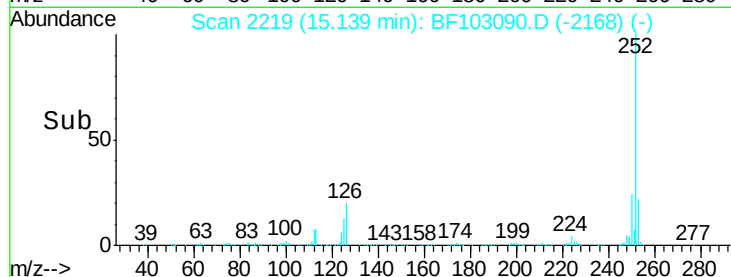
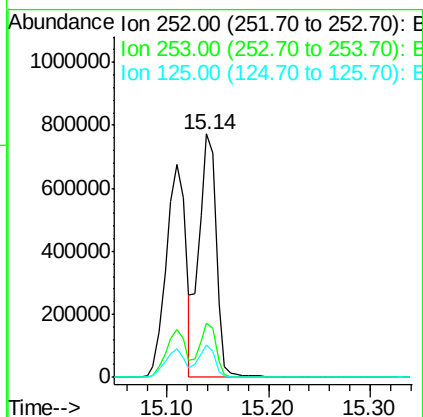
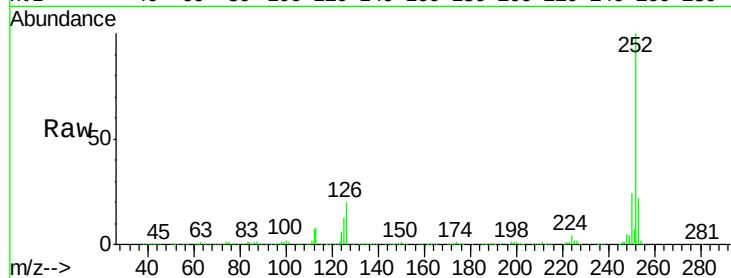




#88
Benzo(k)fluoranthene
Concen: 45.99 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

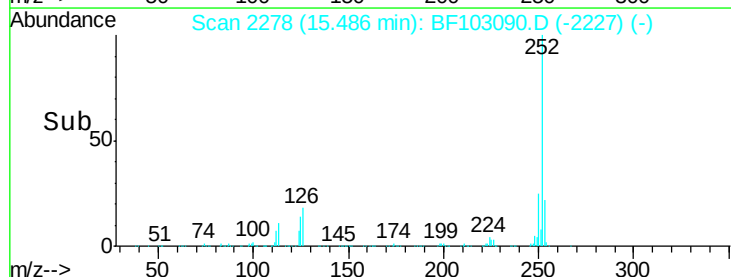
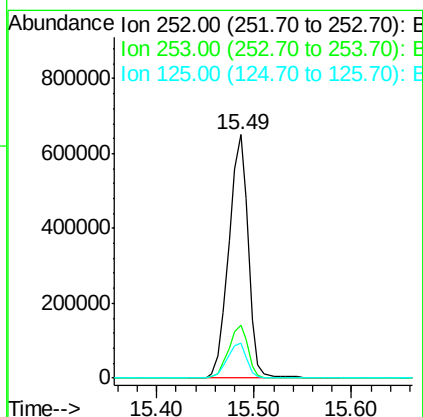
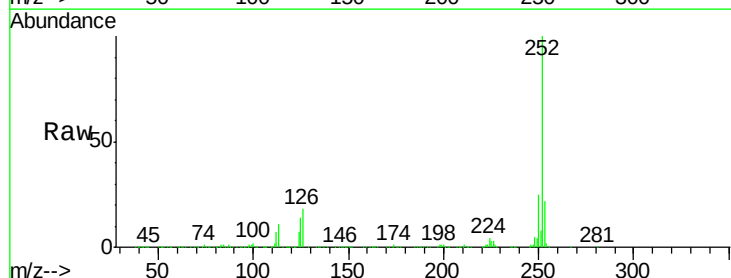
Instrument :
BNA_F
ClientSampleId :

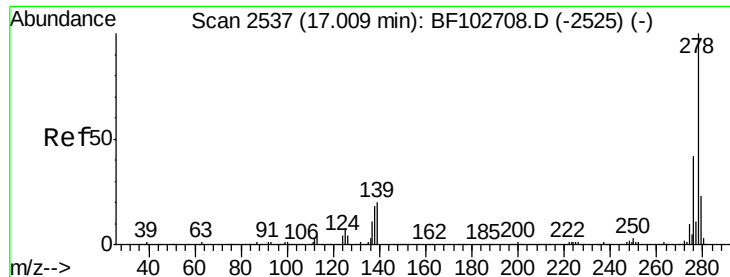
Tot Ion:252 Resp: 910932
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 48.16 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion:252 Resp: 898546
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.3 9.8 14.6

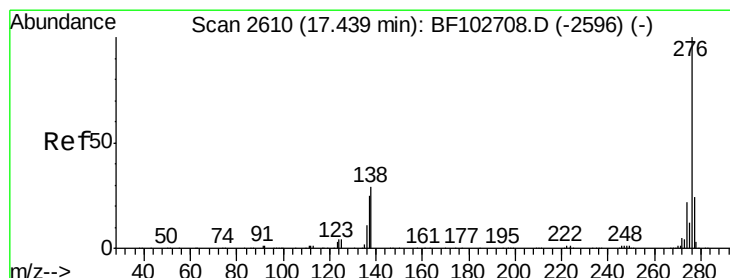
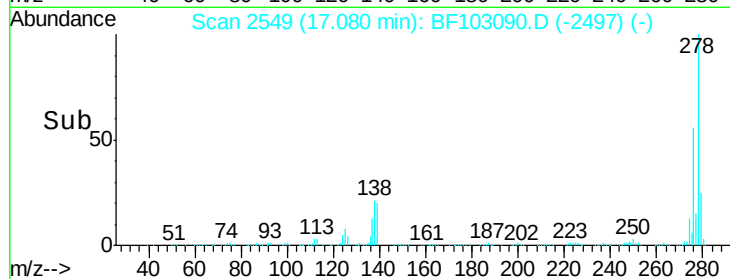
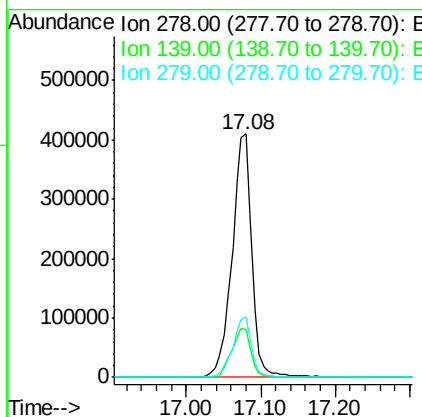
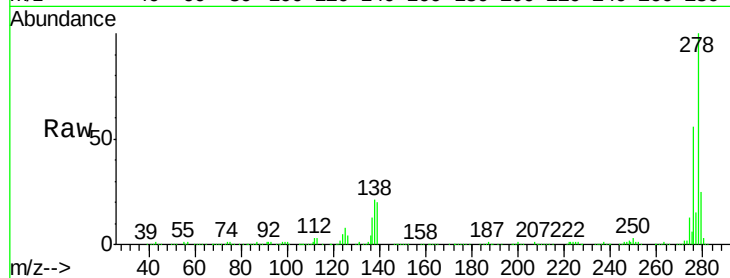




#90
Dibenzo(a,h)anthracene
Concen: 49.85 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	24.6	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 49.43 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF103090.D
Acq: 19 Feb 2018 18:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	30.4	21.8	32.8

