

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102934.D
 Acq On : 12 Feb 2018 22:19
 Operator : SJ/JU
 Sample : PB106452BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 01:07:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184407	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	774544	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	332104	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	487013	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320675	20.00	ng	0.00
86) Perylene-d12	15.54	264	283499	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1313667	108.19	ng	0.02
7) Phenol-d6	6.52	99	1588956	108.68	ng	0.02
23) Nitrobenzene-d5	7.45	82	1045605	93.65	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	278882	104.33	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1613996	80.64	ng	0.00
78) Terphenyl-d14	13.00	244	1141422	84.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	202749	33.81	ng	88
3) Pyridine	3.52	79	597180	36.04	ng	92
4) n-Nitrosodimethylamine	3.46	42	296996	41.89	ng	# 94
6) Aniline	6.55	93	437879	20.28	ng	95
8) 2-Chlorophenol	6.67	128	474191	37.93	ng	97
9) Benzaldehyde	6.43	77	129046	11.89	ng	95
10) Phenol	6.53	94	610659	38.97	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	493236	37.83	ng	91
12) 1,3-Dichlorobenzene	6.83	146	505677	34.93	ng	99
13) 1,4-Dichlorobenzene	6.90	146	508208	35.24	ng	99
14) 1,2-Dichlorobenzene	7.06	146	464075	34.55	ng	100
15) Benzyl Alcohol	7.03	79	437265	38.90	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	862077	34.81	ng	99
17) 2-Methylphenol	7.14	107	418393	36.28	ng	99
18) Hexachloroethane	7.40	117	172099	34.80	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	339801	35.25	ng	93
20) 3+4-Methylphenols	7.29	107	474109	33.34	ng	# 82
22) Acetophenone	7.29	105	650106	34.30	ng	# 87
24) Nitrobenzene	7.47	77	537482	40.92	ng	97
25) Isophorone	7.70	82	1009849	39.28	ng	97
26) 2-Nitrophenol	7.79	139	246656	46.13	ng	97
27) 2,4-Dimethylphenol	7.82	122	459298	42.29	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	617733	40.56	ng	99
29) 2,4-Dichlorophenol	8.03	162	380501	38.53	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	389950	34.91	ng	99
31) Naphthalene	8.19	128	1339627	35.40	ng	99
32) Benzoic acid	7.92	122	173804	28.66	ng	98
33) 4-Chloroaniline	8.23	127	184144	11.30	ng	94
34) Hexachlorobutadiene	8.30	225	196753	34.37	ng	99
35) Caprolactam	8.61	113	118025	34.42	ng	# 73
36) 4-Chloro-3-methylphenol	8.72	107	435108	39.22	ng	99
37) 2-Methylnaphthalene	8.88	142	887895	35.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	337120	37.28	ng	98
40) Hexachlorocyclopentadiene	9.03	237	90239	20.99	ng	95

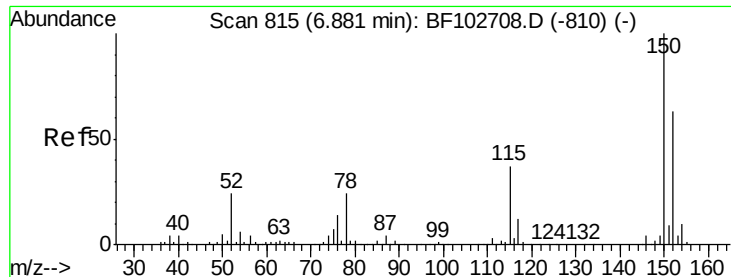
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102934.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	235884	39.71	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	239942	35.84	nq	98
45) 1,1'-Biphenyl	9.35	154	1020461	36.48	nq	98
46) 2-Chloronaphthalene	9.37	162	788213	35.79	nq	99
47) 2-Nitroaniline	9.47	65	308592	45.60	nq	87
48) Acenaphthylene	9.79	152	1175536	34.37	nq	99
49) Dimethylphthalate	9.65	163	963184	37.20	nq	100
50) 2,6-Dinitrotoluene	9.71	165	202190	41.04	nq	92
51) Acenaphthene	9.96	154	705699	34.50	nq	100
52) 3-Nitroaniline	9.88	138	167977	27.71	nq	96
53) 2,4-Dinitrophenol	9.99	184	31214	33.92	nq	# 22
54) Dibenzofuran	10.13	168	1039041	36.05	nq	98
55) 4-Nitrophenol	10.04	139	285849	58.52	nq	90
56) 2,4-Dinitrotoluene	10.12	165	259249	39.80	nq	97
57) Fluorene	10.47	166	750863	35.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	164172	35.38	nq	95
59) Diethylphthalate	10.35	149	934148	36.53	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	351795	37.92	nq	97
61) 4-Nitroaniline	10.49	138	205085	35.54	nq	97
62) Azobenzene	10.63	77	949355	37.17	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	29996	21.92	nq	94
65) n-Nitrosodiphenylamine	10.59	169	709636	41.31	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	211657	41.08	nq	94
67) Hexachlorobenzene	11.02	284	210242	36.99	nq	99
68) Atrazine	11.11	200	206415	40.73	nq	97
69) Pentachlorophenol	11.22	266	166264	49.84	nq	97
70) Phenanthrene	11.44	178	969924	35.76	nq	99
71) Anthracene	11.49	178	1006924	36.50	nq	100
72) Carbazole	11.64	167	915142	33.86	nq	99
73) Di-n-butylphthalate	11.97	149	1350502	41.14	nq	99
74) Fluoranthene	12.63	202	878357	32.19	nq	98
76) Benzidine	12.74	184	461262	31.30	nq	99
77) Pyrene	12.86	202	887849	35.31	nq	100
79) Butylbenzylphthalate	13.47	149	490208	40.91	nq	99
80) Benzo(a)anthracene	14.04	228	772844	38.32	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	268009	35.84	nq	99
82) Chrysene	14.09	228	731347	35.97	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	691353	44.88	nq	# 99
84) Di-n-octyl phthalate	14.64	149	1149380	49.69	nq	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	593223	35.18	nq	98
87) Benzo(b)fluoranthene	15.10	252	710079	38.63	nq	98
88) Benzo(k)fluoranthene	15.13	252	712404	40.56	nq	99
89) Benzo(a)pyrene	15.48	252	642356	38.83	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	498062	37.09	nq	98
91) Benzo(g,h,i)perylene	17.50	276	472773	35.97	nq	99

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

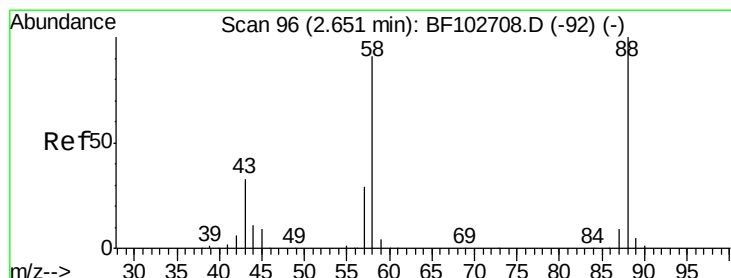
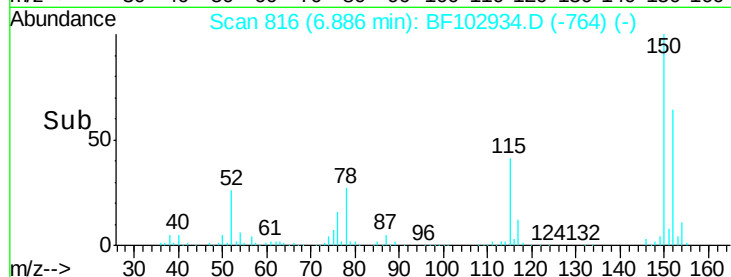
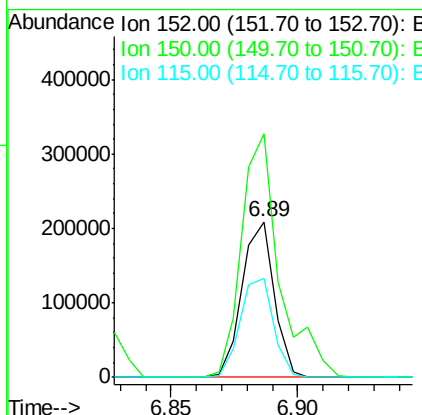
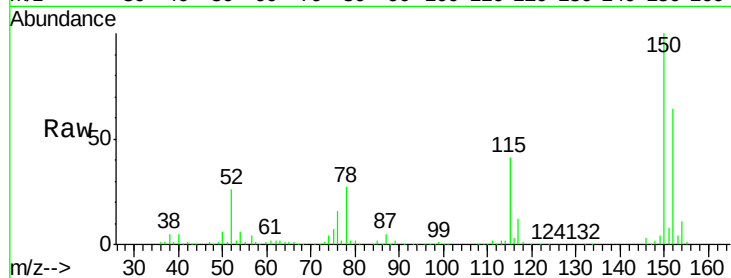


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampled :

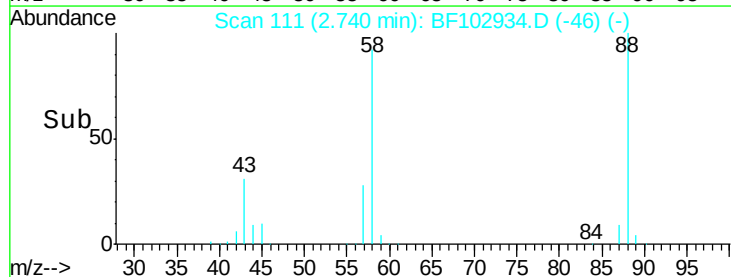
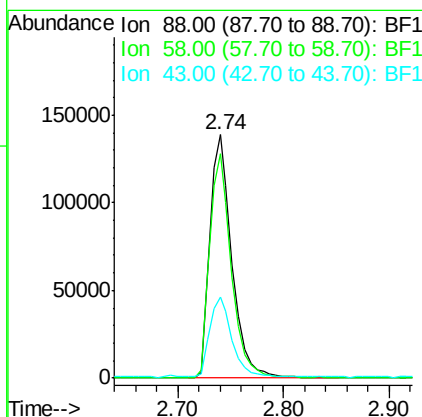
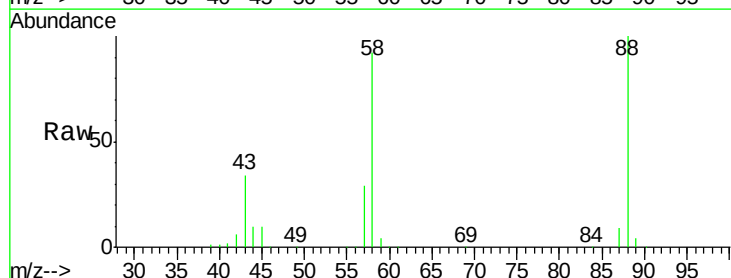
Tot Ion:152 Resp: 184407
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.8 50.1 75.1

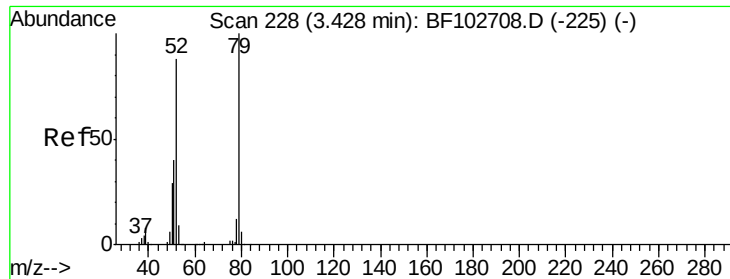


#2

1,4-Dioxane
Concen: 33.81 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.08 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion: 88 Resp: 202749
Ion Ratio Lower Upper
88 100
58 91.7 62.6 93.8
43 33.0 24.6 37.0





#3

Pvridine

Concen: 36.04 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampled :

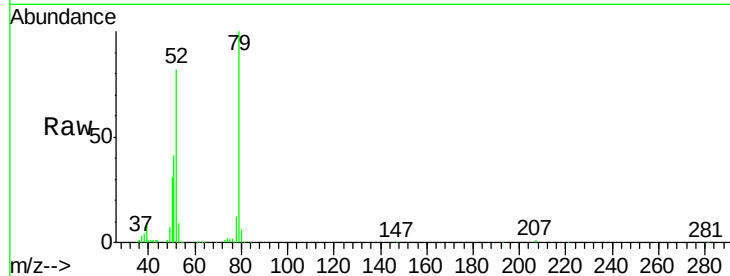
Tot Ion: 79 Resp: 597180

Ion Ratio Lower Upper

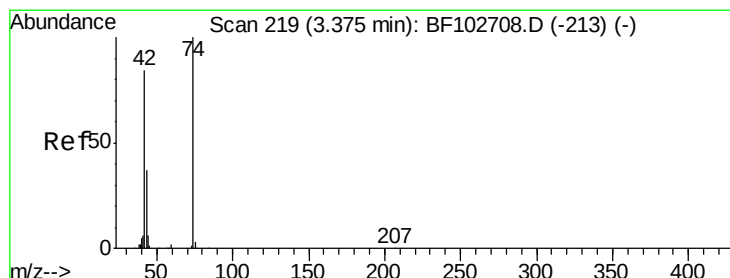
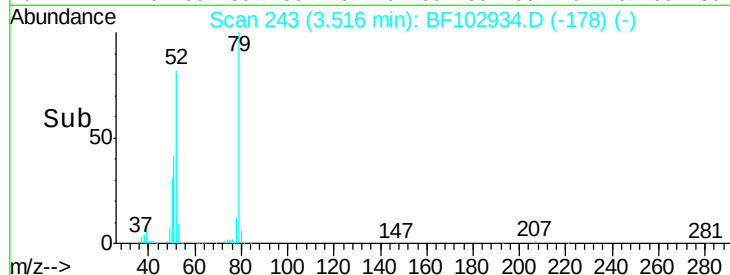
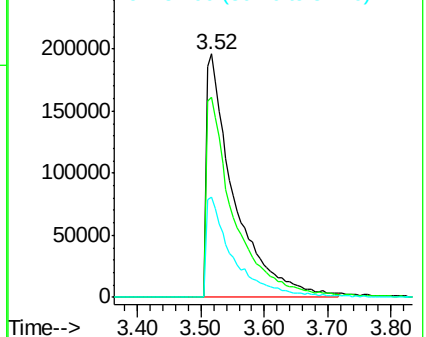
79 100

52 82.2 59.8 89.6

51 41.1 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 41.89 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

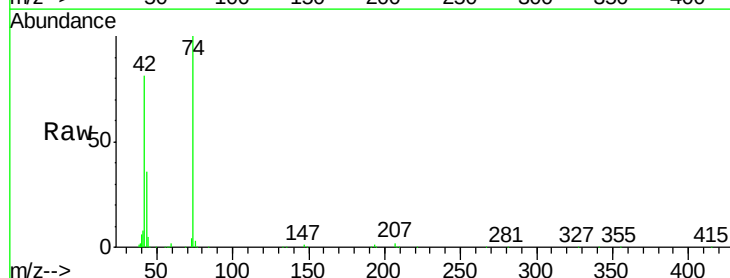
Tgt Ion: 42 Resp: 296996

Ion Ratio Lower Upper

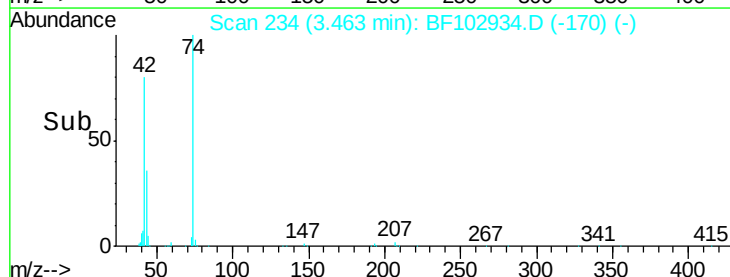
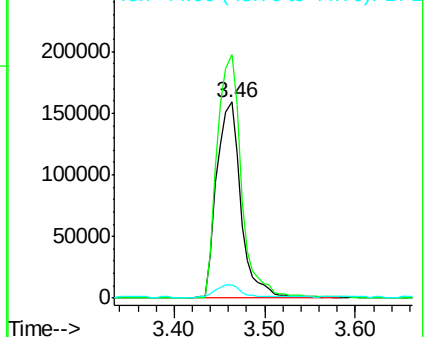
42 100

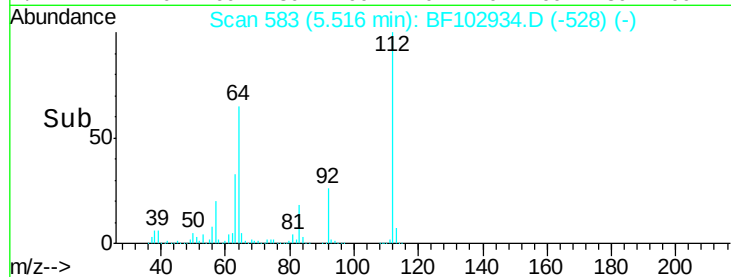
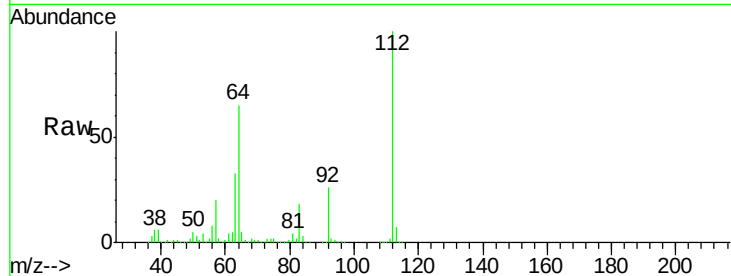
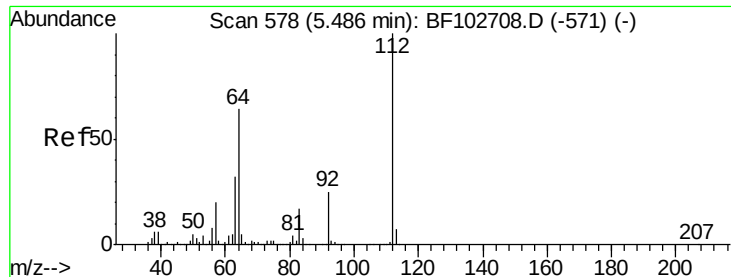
74 124.2 104.9 157.3

44 6.7 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 108.19 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

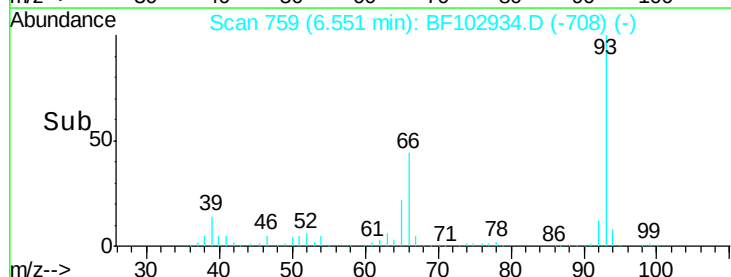
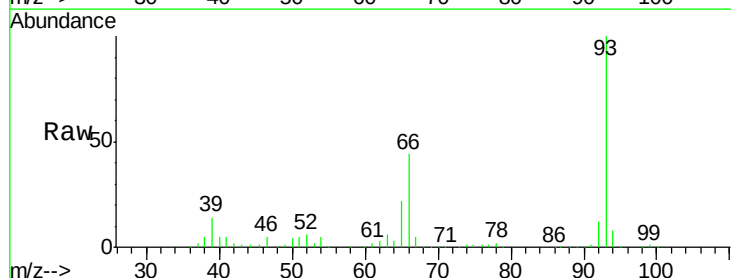
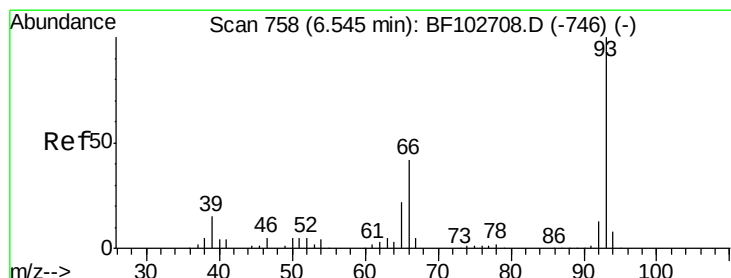
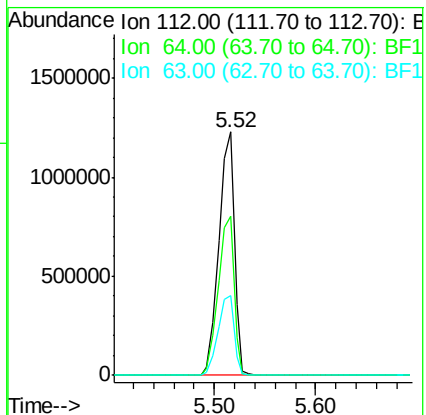
Tot Ion:112 Resp: 1313667

Ion Ratio Lower Upper

112 100

64 65.3 47.9 71.9

63 32.7 23.7 35.5



#6

Aniline

Concen: 20.28 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

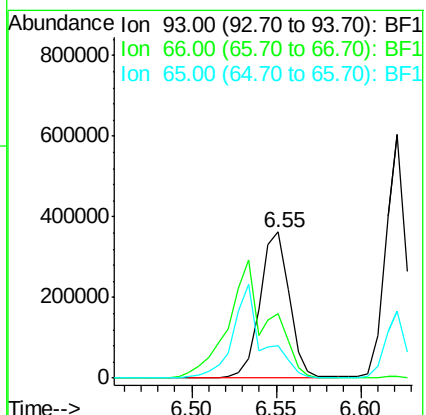
Tgt Ion: 93 Resp: 437879

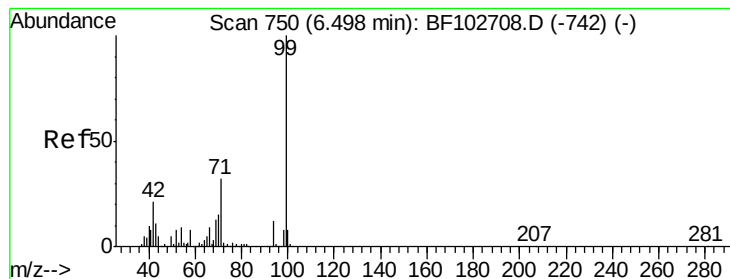
Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

65 22.2 16.4 24.6





#7

Phenol-d6

Concen: 108.68 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

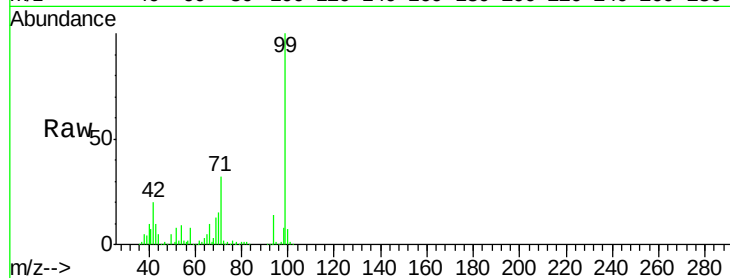
Tot Ion: 99 Resp: 1588956

Ion Ratio Lower Upper

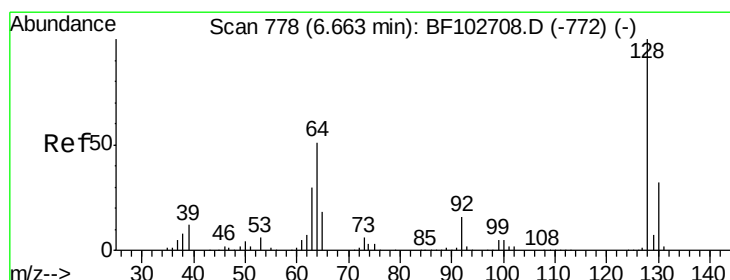
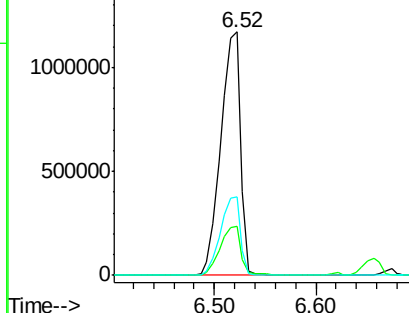
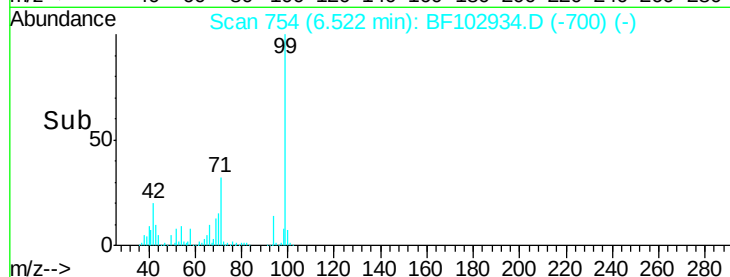
99 100

42 20.1 14.5 21.7

71 32.5 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: 37.93 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

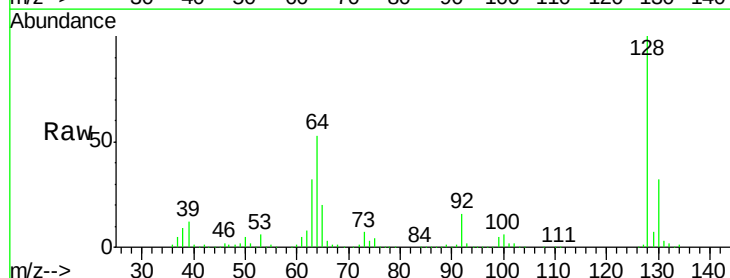
Tgt Ion: 128 Resp: 474191

Ion Ratio Lower Upper

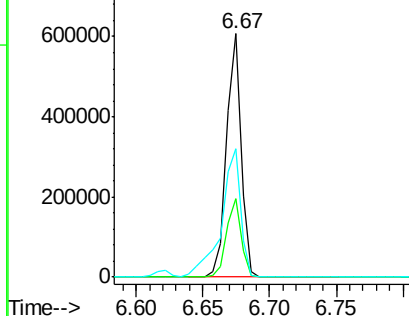
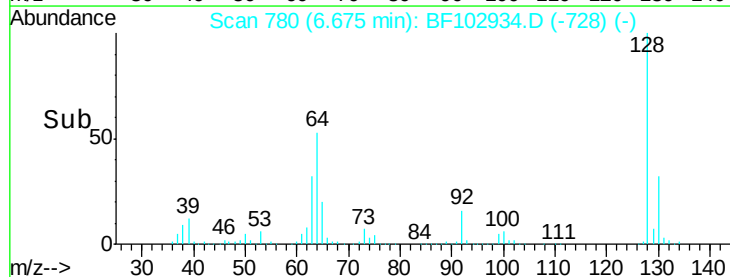
128 100

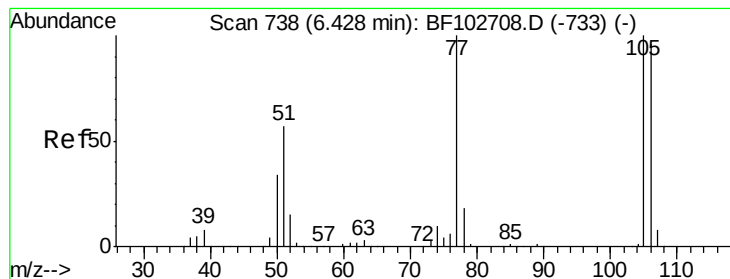
130 32.5 13.0 53.0

64 52.5 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: 11.89 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

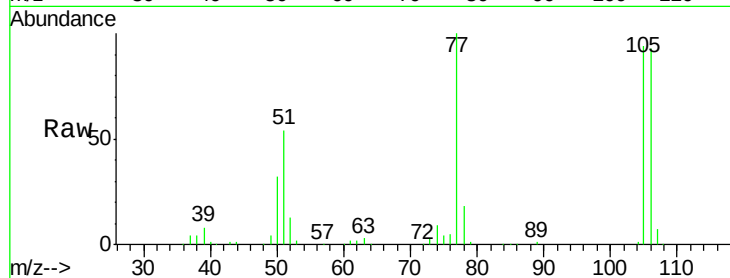
Tot Ion: 77 Resp: 129046

Ion Ratio Lower Upper

77 100

105 93.7 81.1 121.1

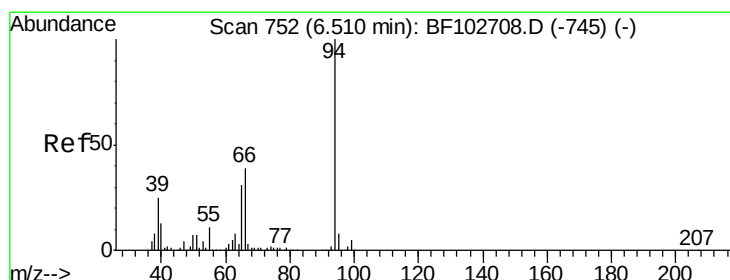
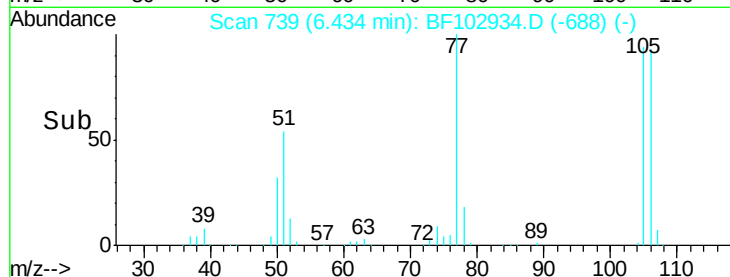
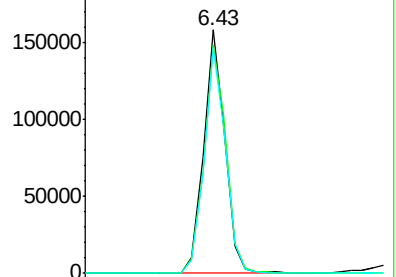
106 92.7 74.5 114.5



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: 38.97 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

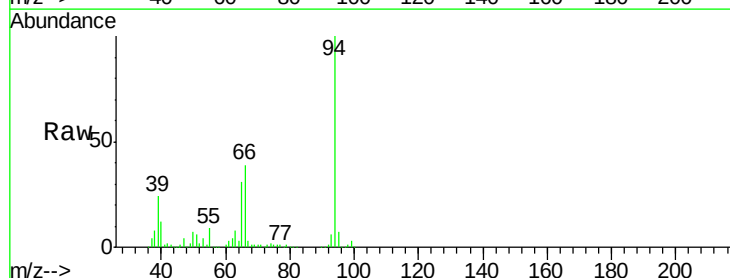
Tgt Ion: 94 Resp: 610659

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

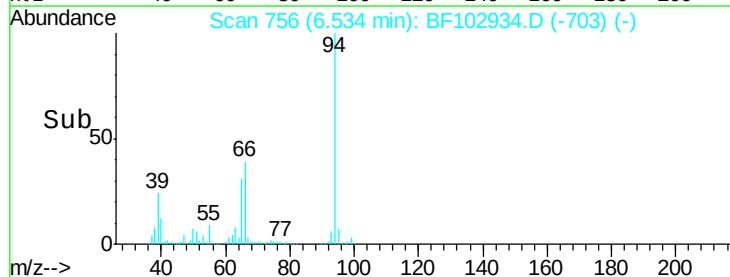
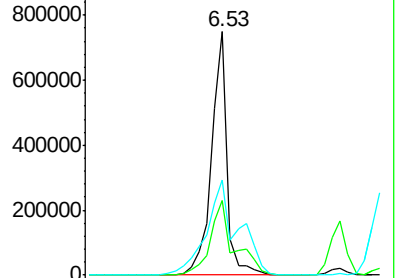
66 39.1 16.2 56.2

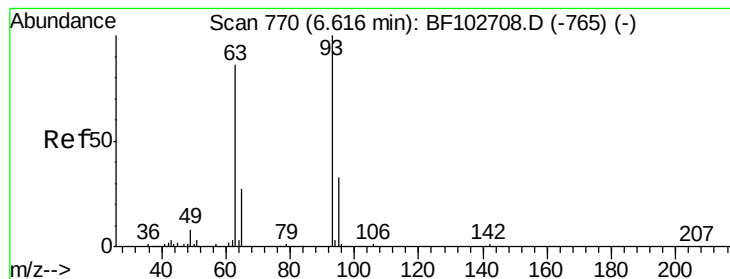


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

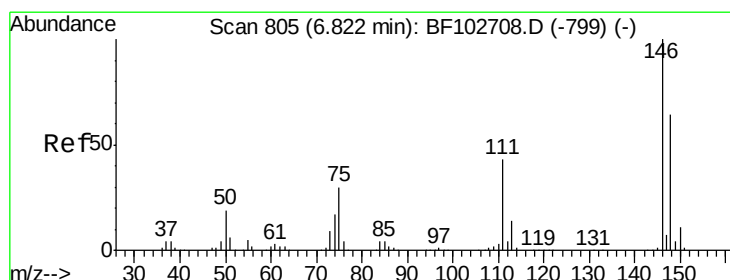
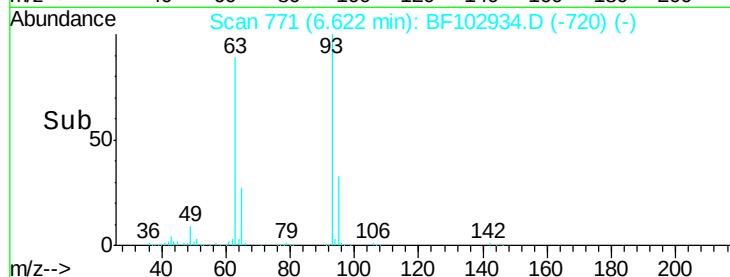
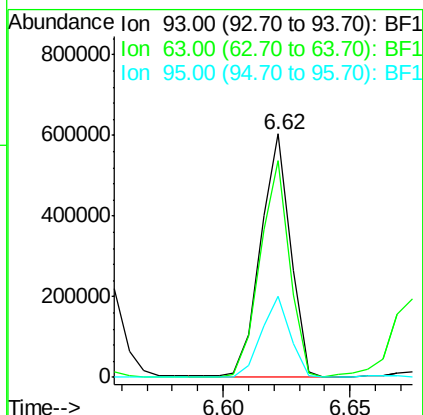
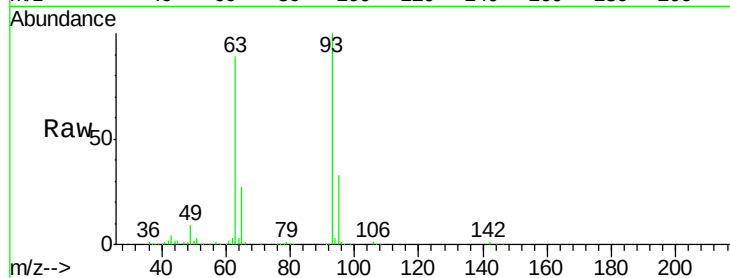




#11
bis(2-Chloroethyl)ether
Concen: 37.83 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

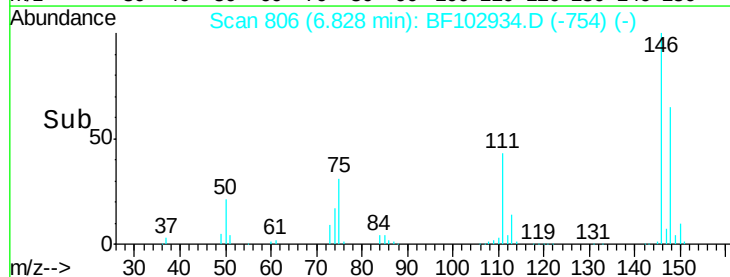
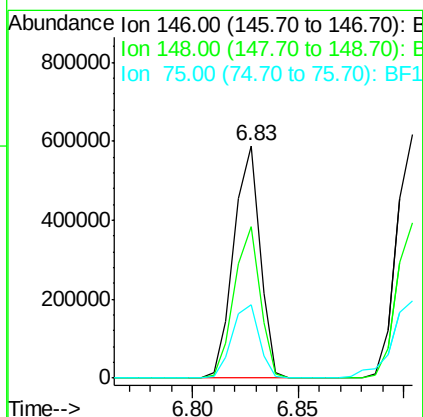
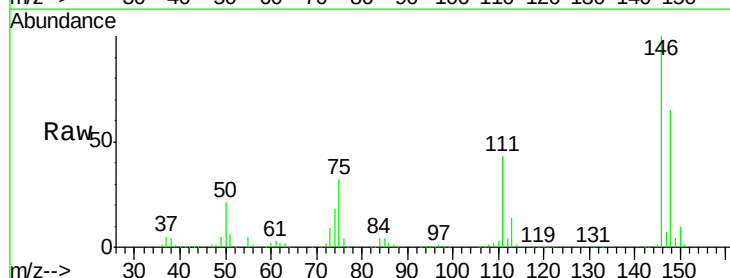
Instrument :
BNA_F
ClientSampleId :

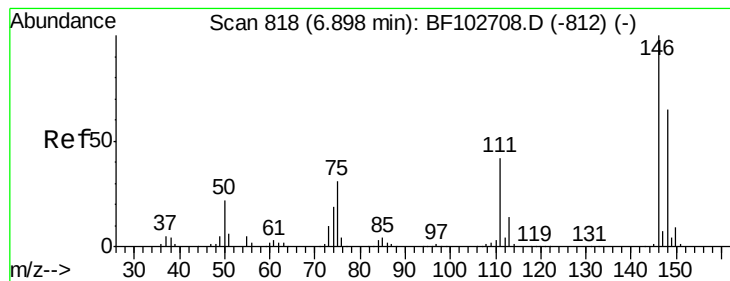
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.1	58.6	98.6
95	33.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 34.93 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	31.5	24.2	36.4

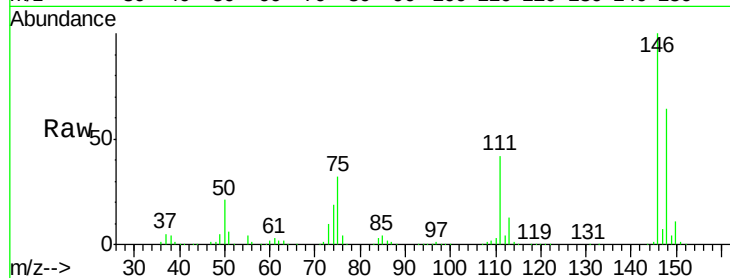




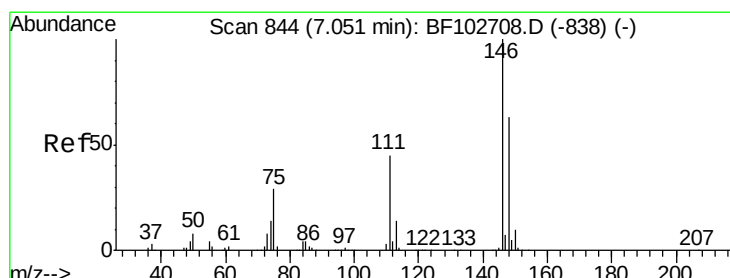
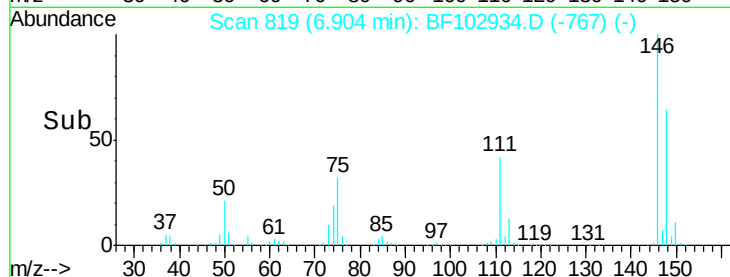
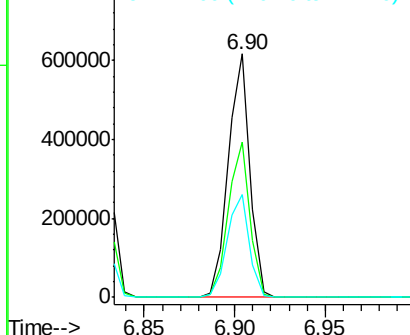
#13
 1,4-Dichlorobenzene
 Concen: 35.24 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 508208
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.2 34.2 51.2

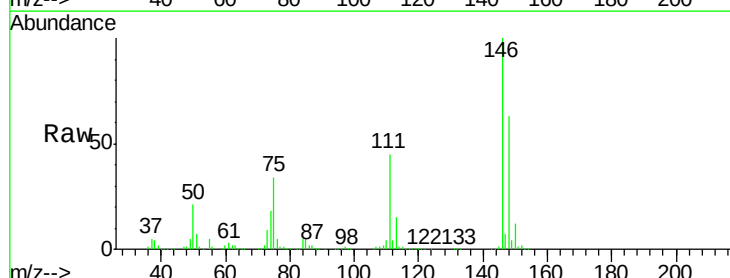


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

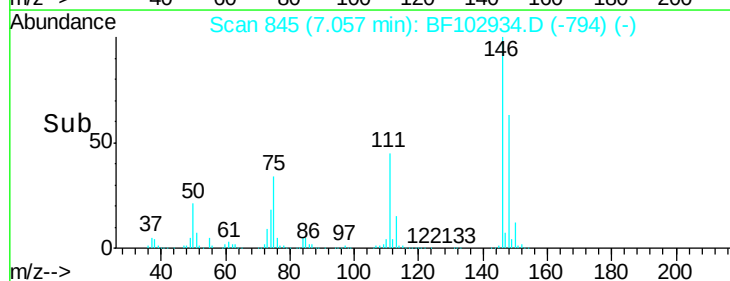
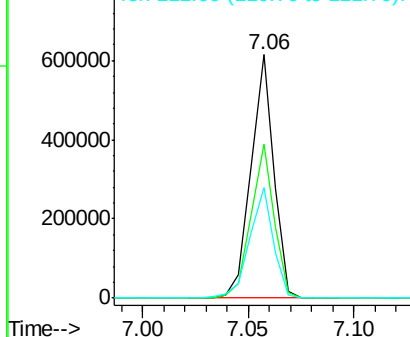


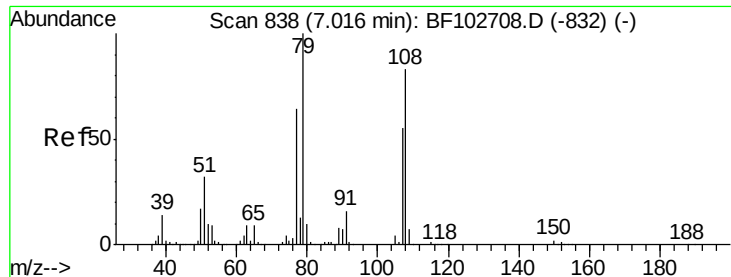
#14
 1,2-Dichlorobenzene
 Concen: 34.55 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:146 Resp: 464075
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 45.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.90 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

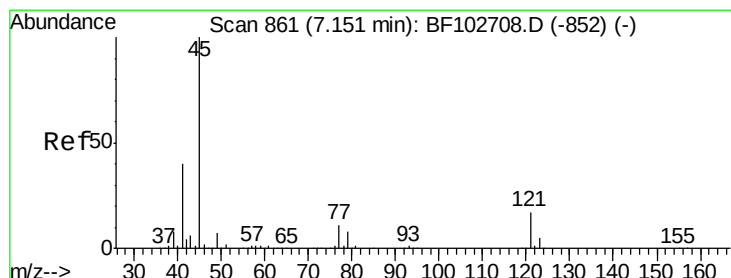
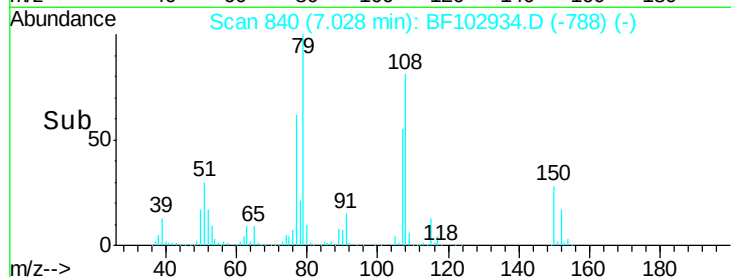
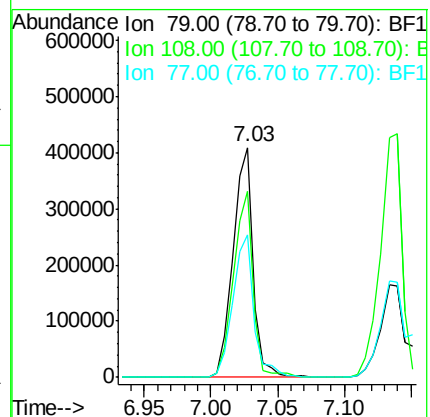
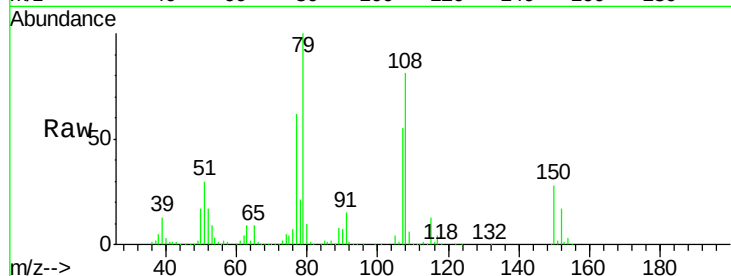
Tot Ion: 79 Resp: 437265

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.81 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

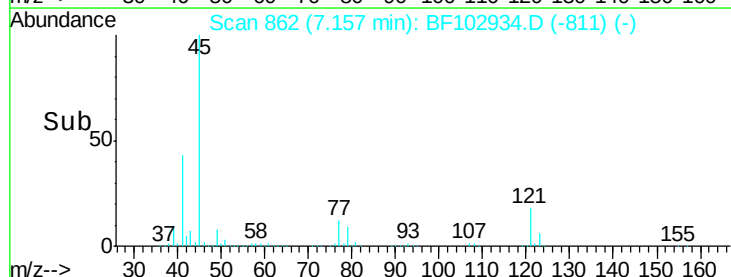
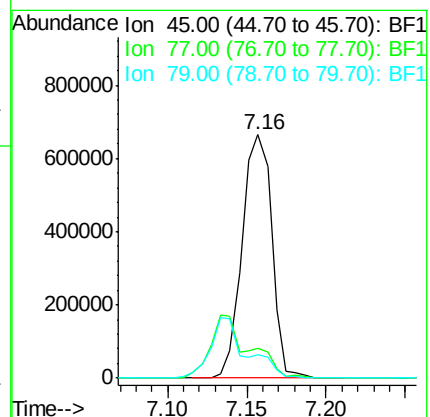
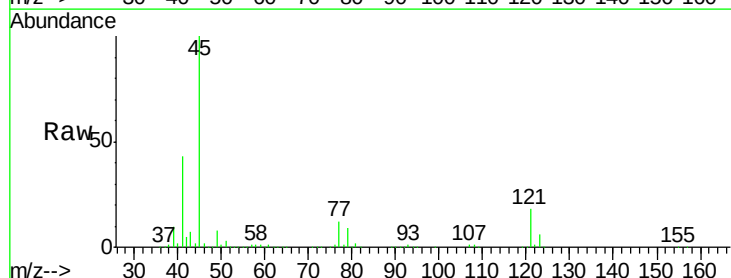
Tgt Ion: 45 Resp: 862077

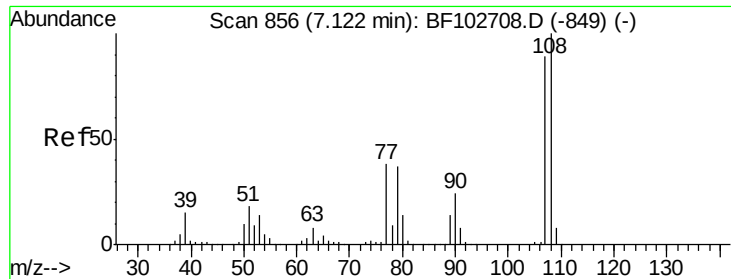
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.9

79 9.5 0.0 29.6

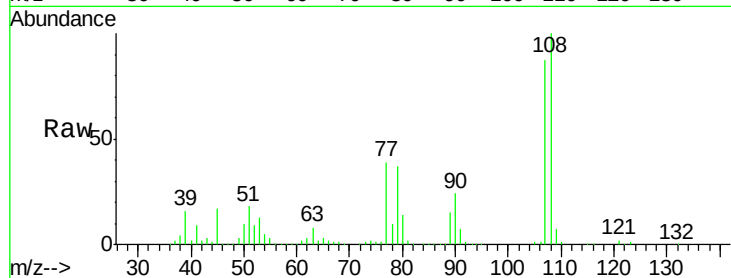




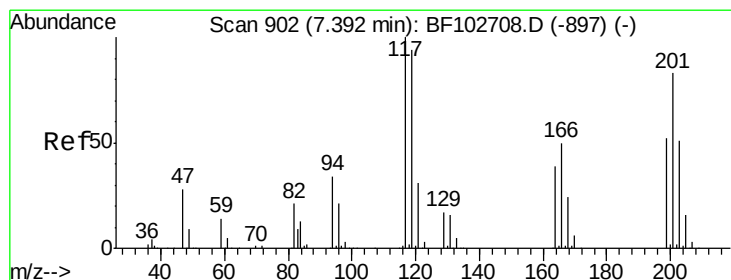
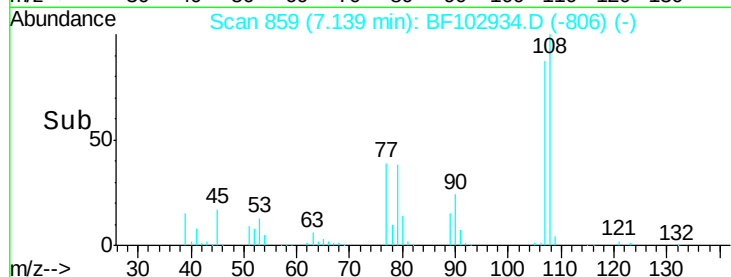
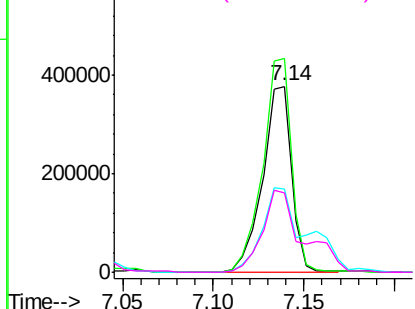
#17
2-Methylphenol
Concen: 36.28 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 418393
Ion Ratio Lower Upper
107 100
108 115.1 91.7 137.5
77 44.9 33.8 50.8
79 43.0 33.8 50.8

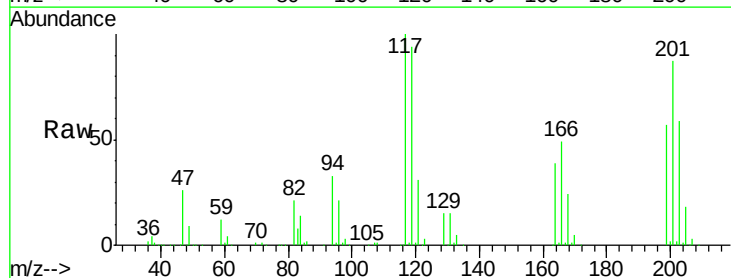


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

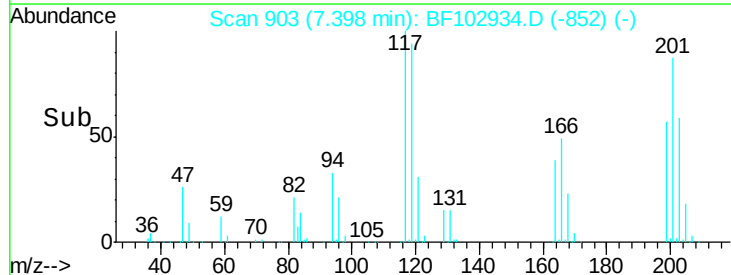
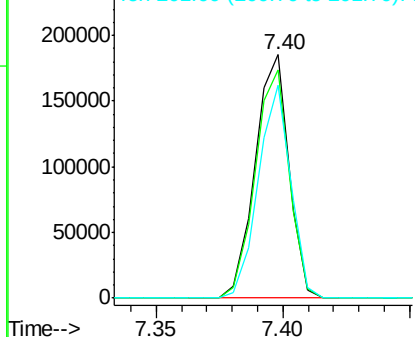


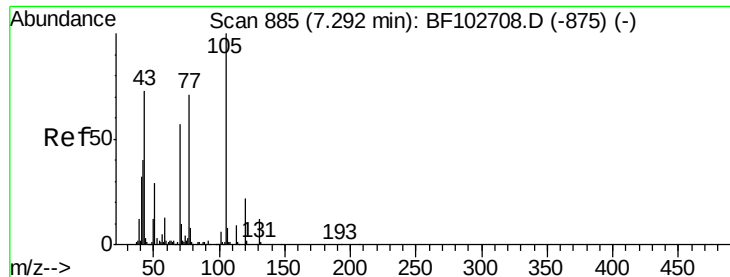
#18
Hexachloroethane
Concen: 34.80 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:117 Resp: 172099
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8
201 87.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

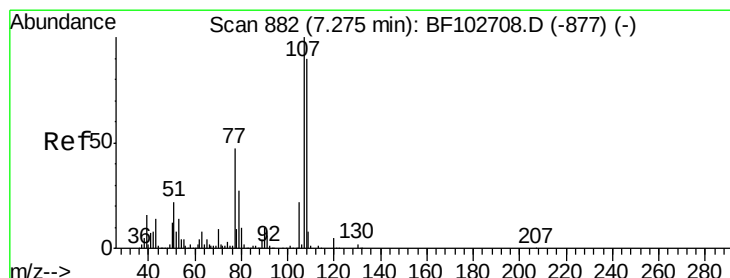
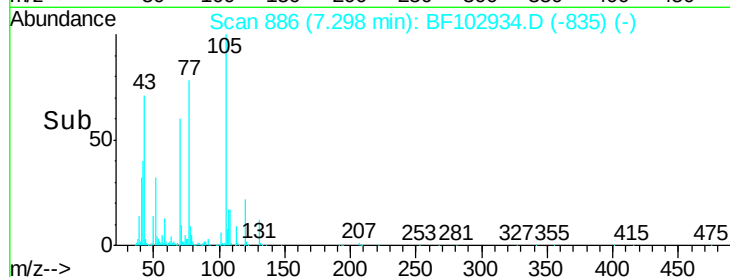
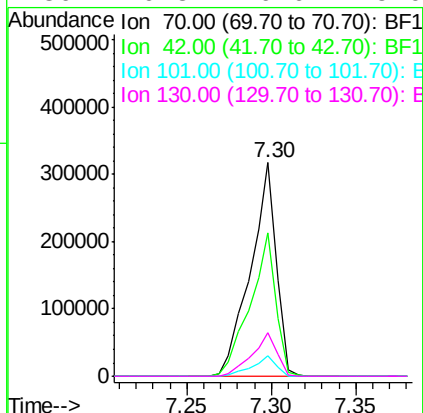
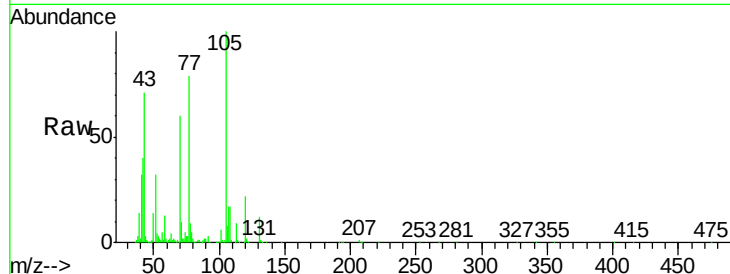




#19
n-Nitroso-di-n-propylamine
Concen: 35.25 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

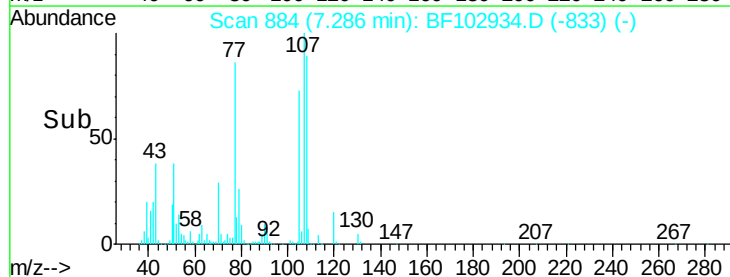
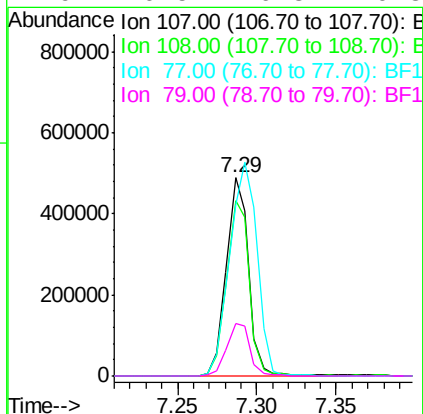
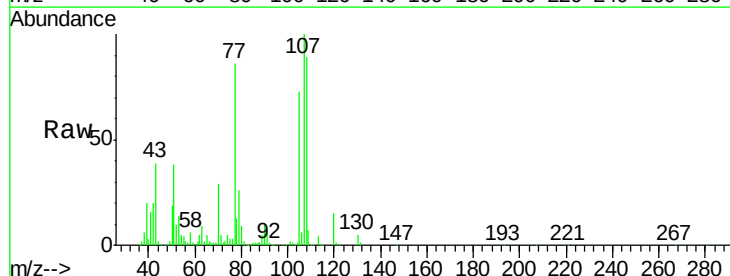
Instrument :
BNA_F
ClientSampleId :

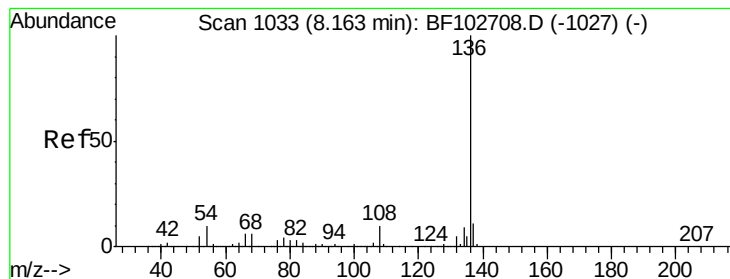
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.0	47.5	71.3
101	9.5	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.34 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	86.4	26.7	66.7
79	26.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 774544

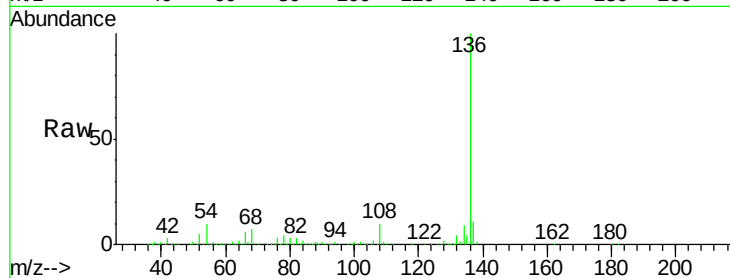
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 6.5 5.0 7.4

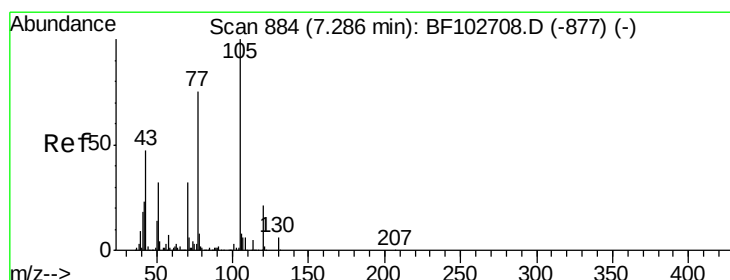
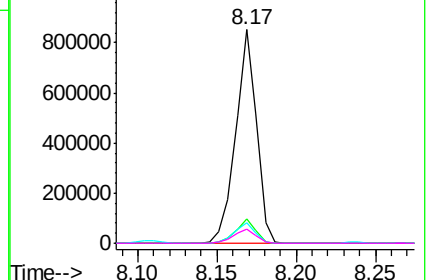
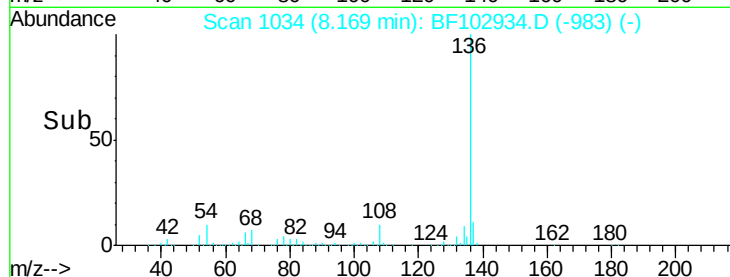


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.30 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:105 Resp: 650106

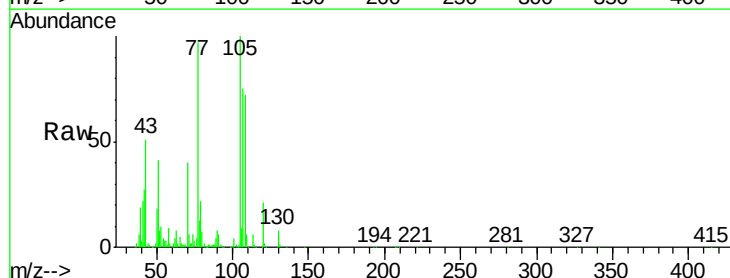
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 40.6 22.3 33.5#

120 21.4 16.9 25.3

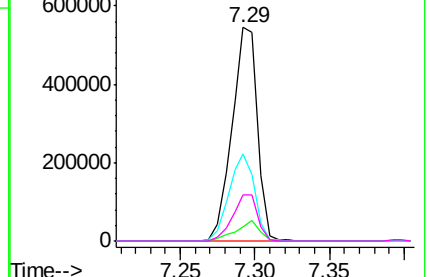
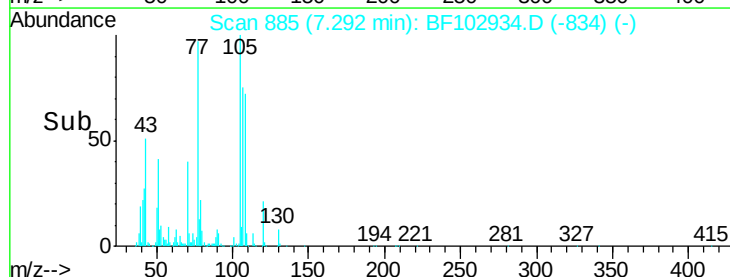


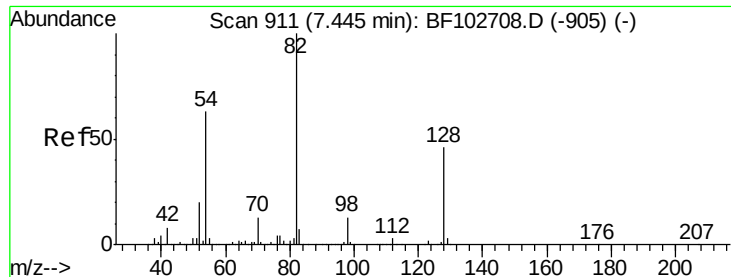
Abundance Ion 105.00 (104.70 to 105.70): E

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

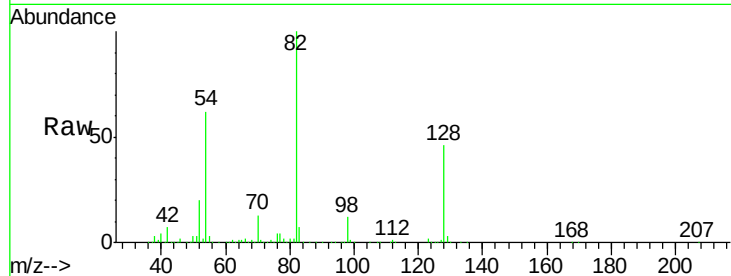




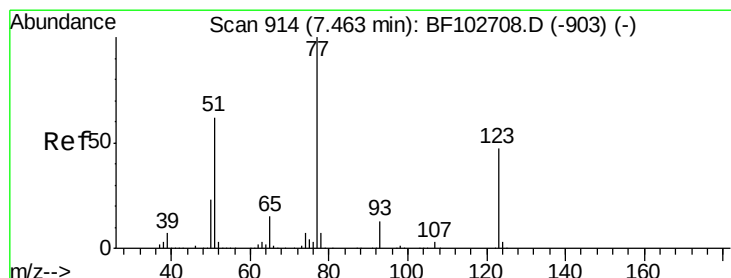
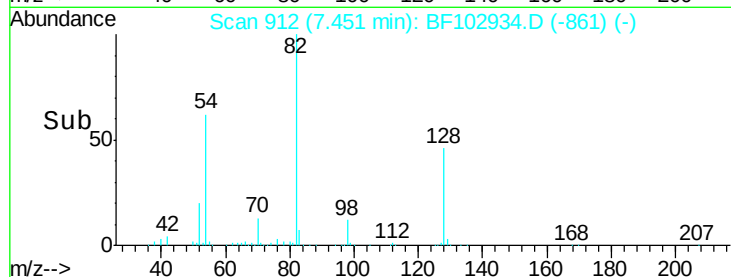
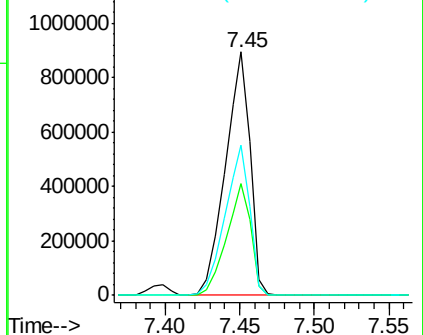
#23
 Nitrobenzene-d5
 Concen: 93.65 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1045605
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 61.8 41.4 62.2

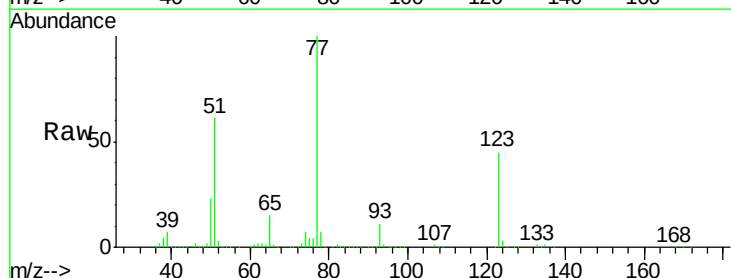


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

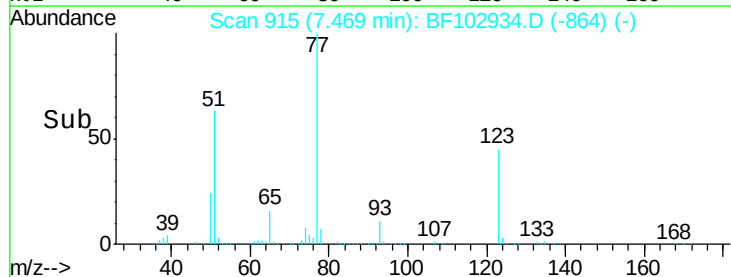
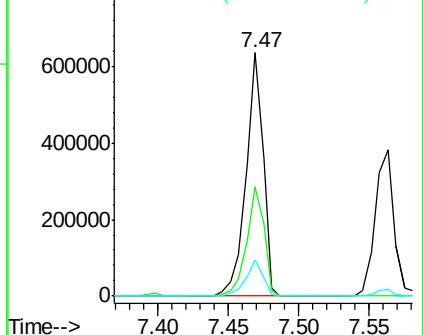


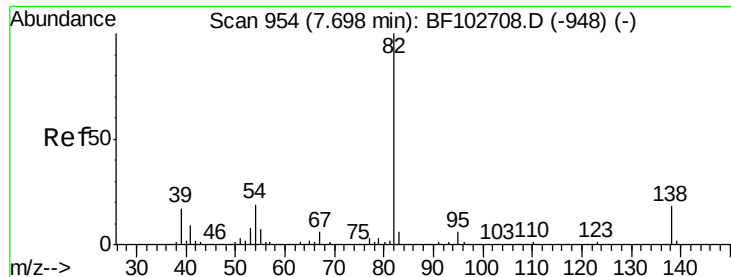
#24
 Nitrobenzene
 Concen: 40.92 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion: 77 Resp: 537482
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.9 56.9
 65 15.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.28 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :

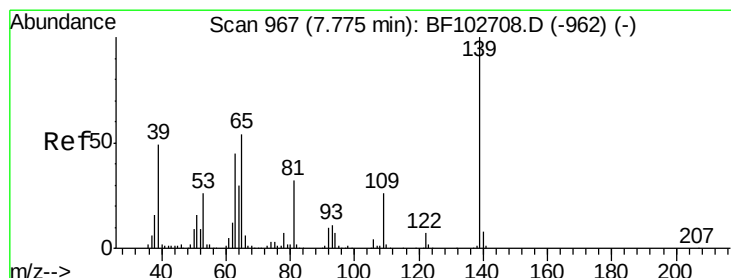
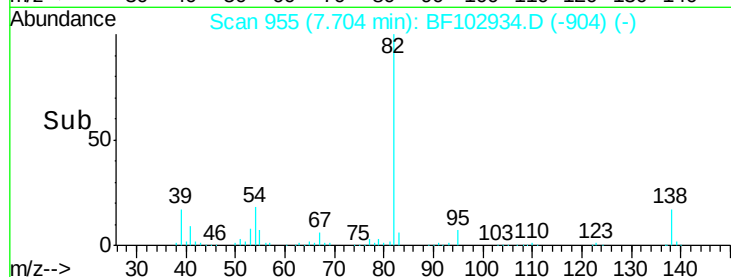
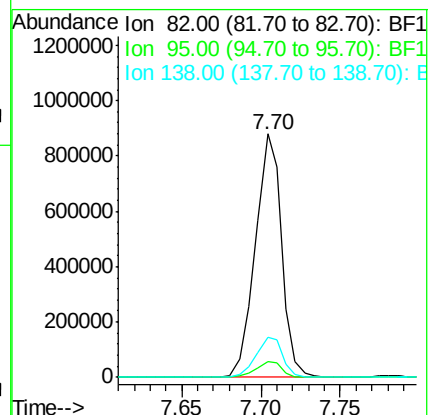
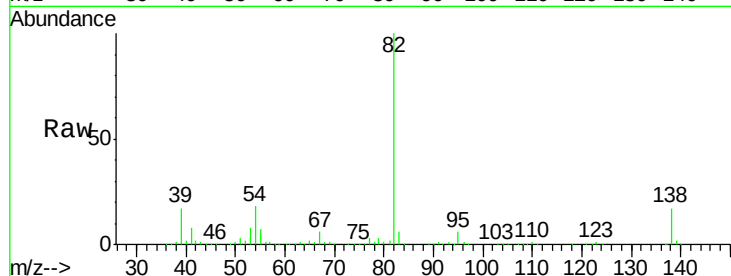
Tot Ion: 82 Resp: 1009849

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.5 14.9 22.3



#26

2-Nitrophenol

Concen: 46.13 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

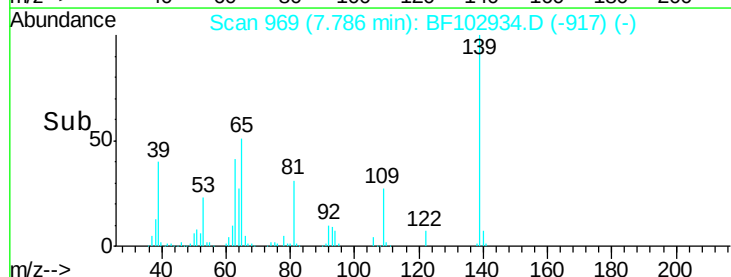
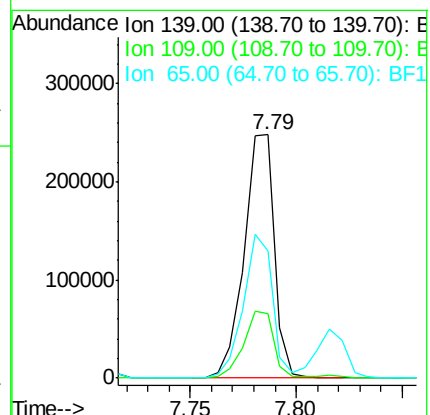
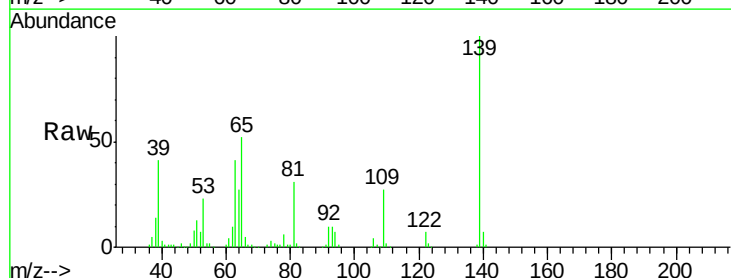
Tgt Ion: 139 Resp: 246656

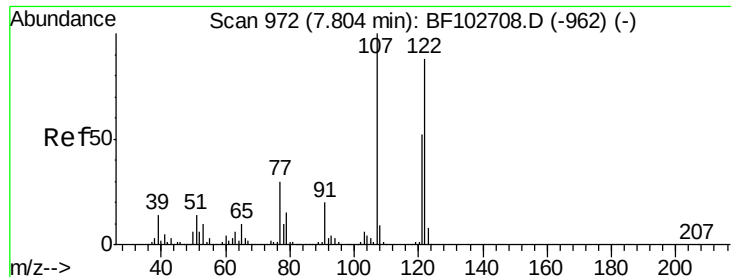
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 52.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.29 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

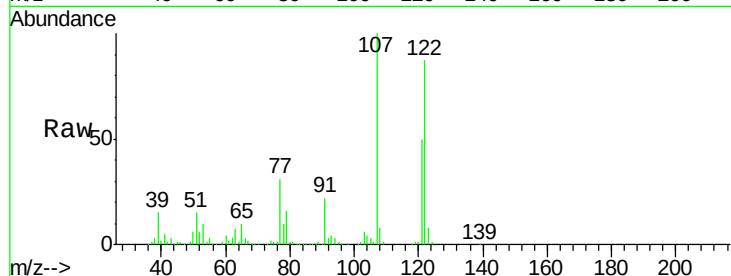
Tot Ion:122 Resp: 459298

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

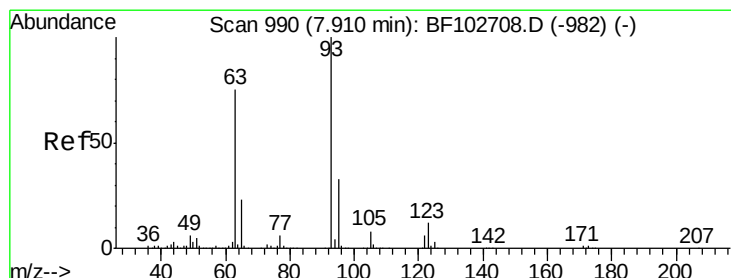
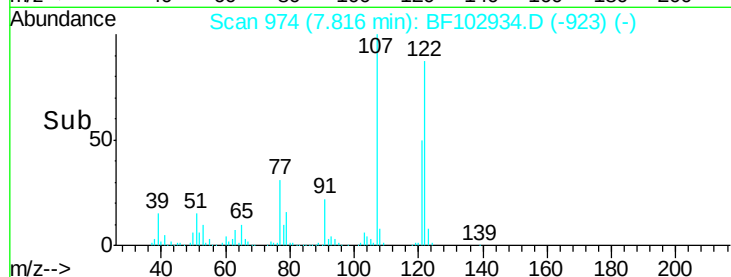
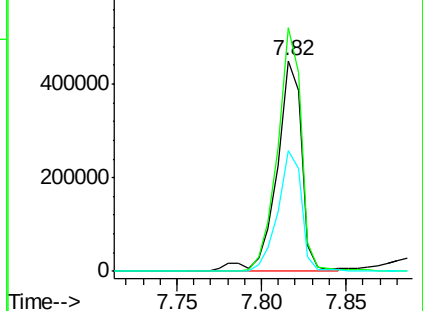
121 57.5 47.2 70.8



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: 40.56 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

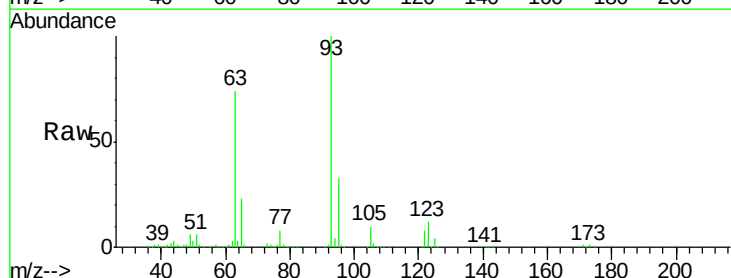
Tgt Ion: 93 Resp: 617733

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

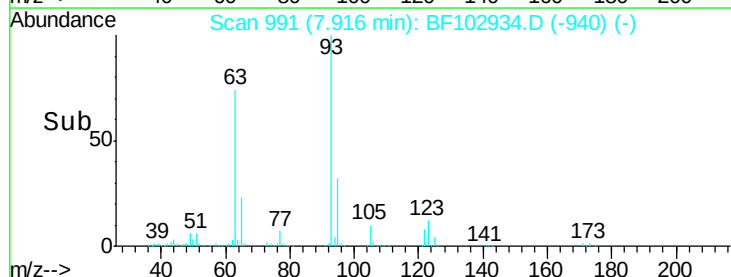
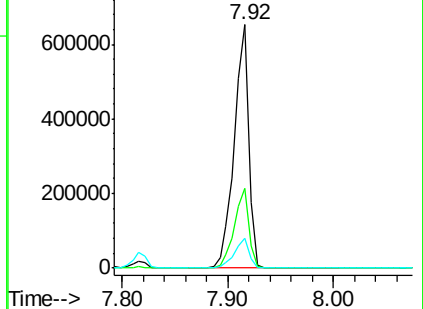
123 12.1 9.8 14.6

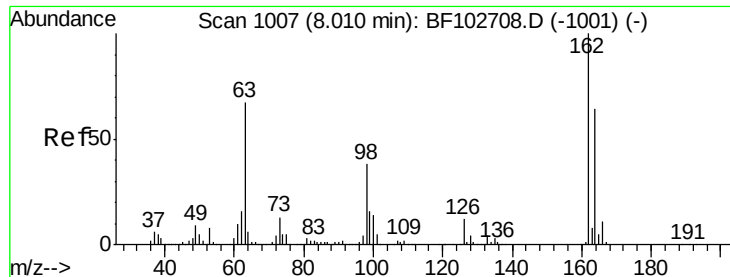


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

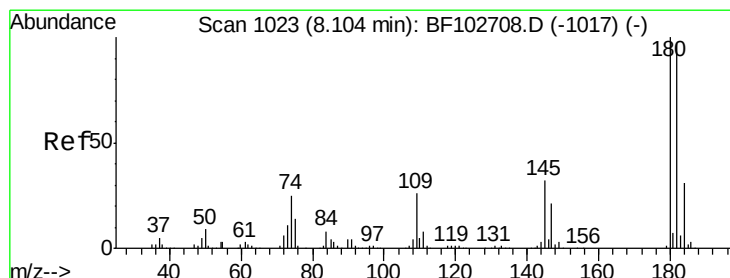
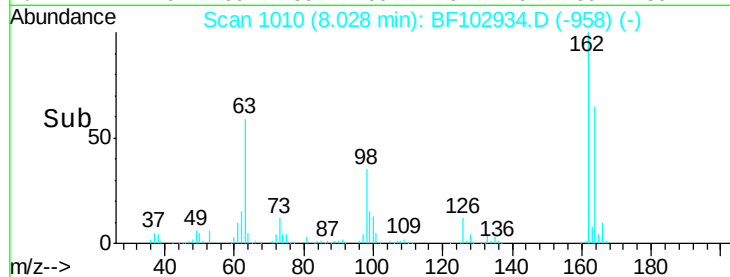
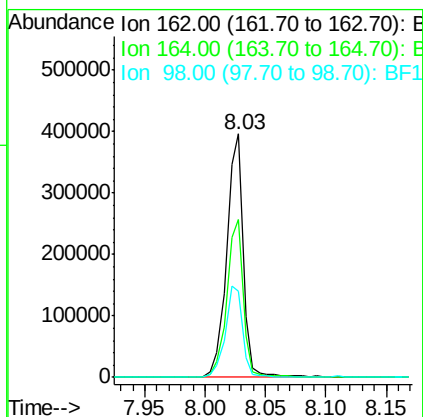
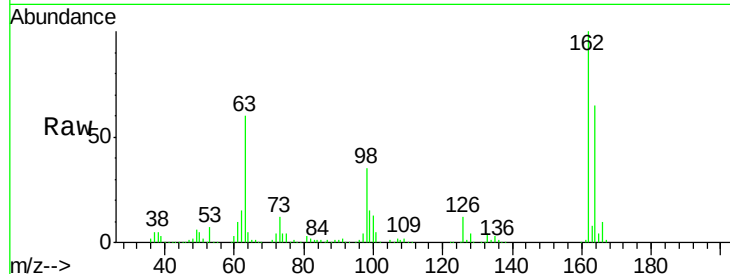




#29
 2,4-Dichlorophenol
 Concen: 38.53 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

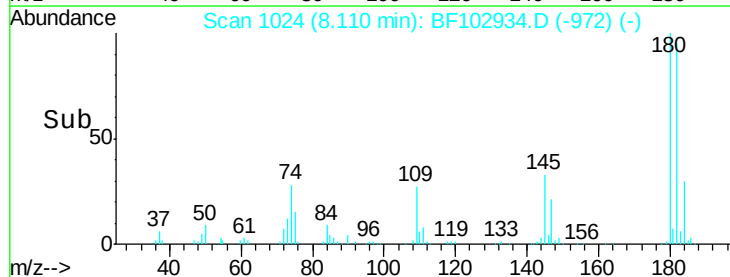
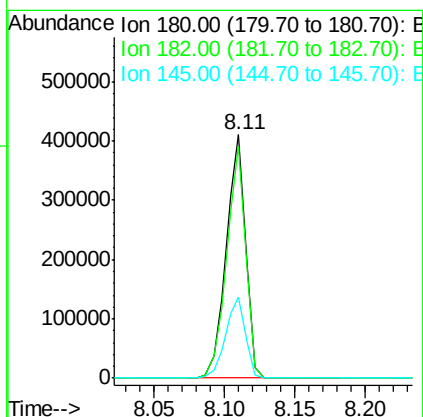
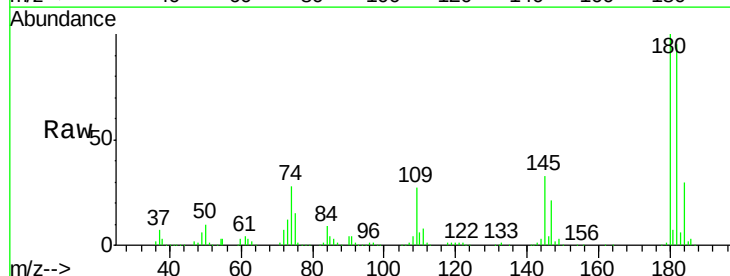
Instrument :
 BNA_F
 ClientSampleId :

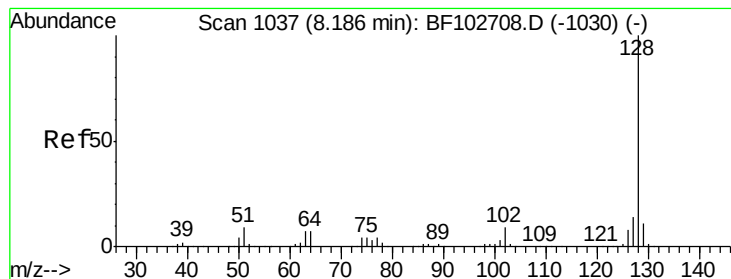
Tot Ion:162	Resp:	380501
Ion Ratio	Lower	Upper
162	100	
164	65.1	42.7 82.7
98	35.3	18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.91 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:180	Resp:	389950
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.8 115.2
145	33.2	26.5 39.7





#31

Naphthalene

Concen: 35.40 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

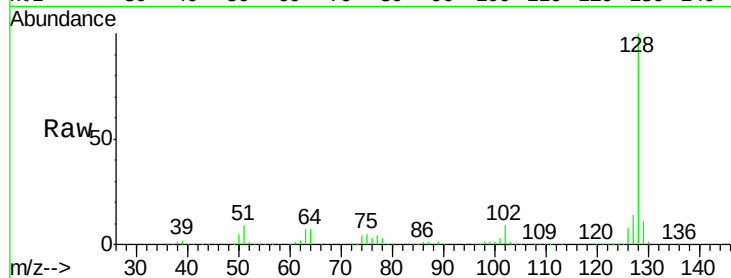
Tot Ion:128 Resp: 1339627

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

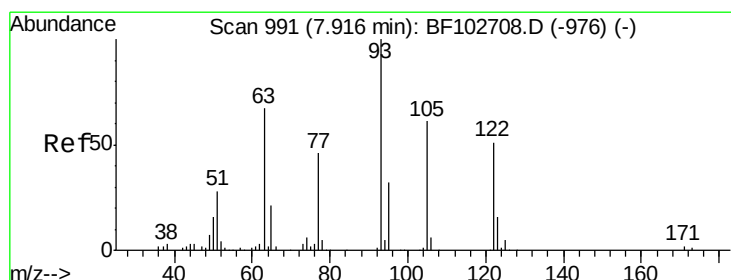
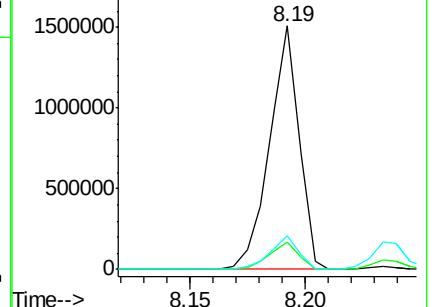
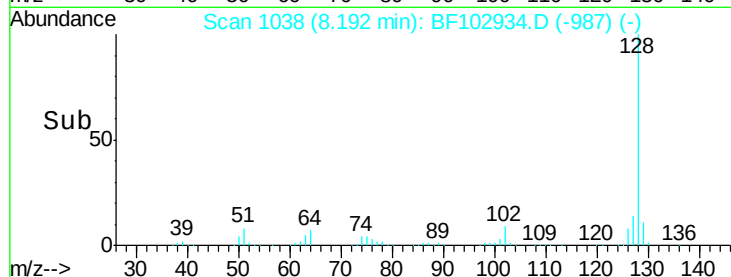
127 13.8 10.9 16.3



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: 28.66 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

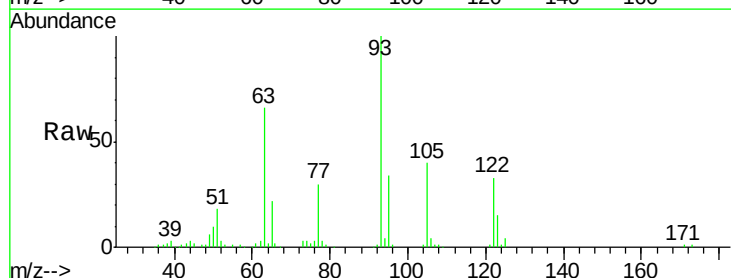
Tgt Ion:122 Resp: 173804

Ion Ratio Lower Upper

122 100

105 124.3 101.1 141.1

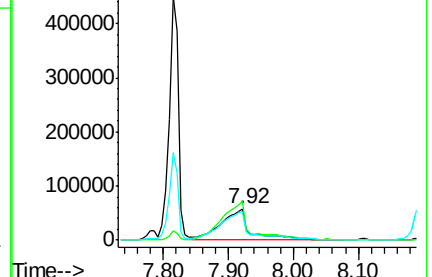
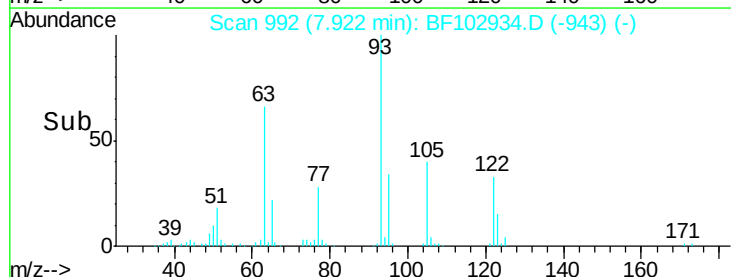
77 91.8 70.7 110.7

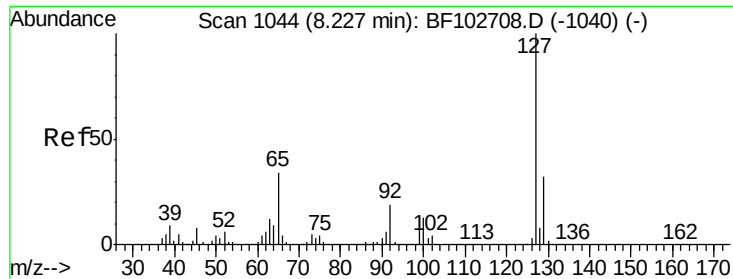


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

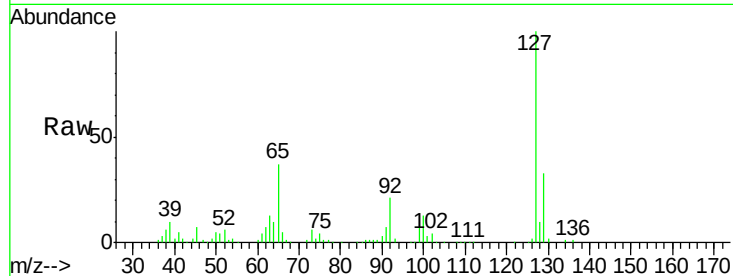




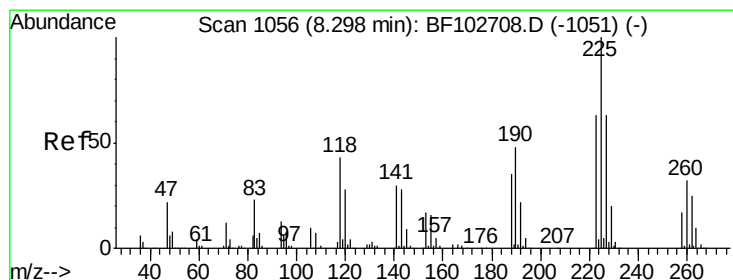
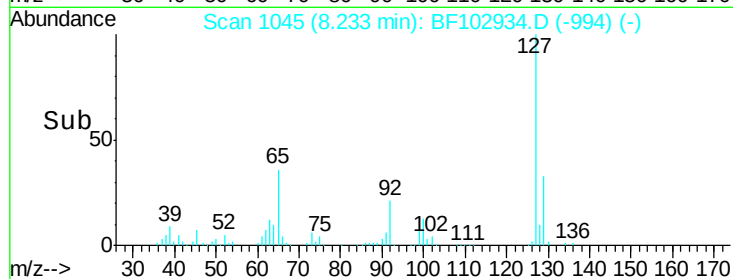
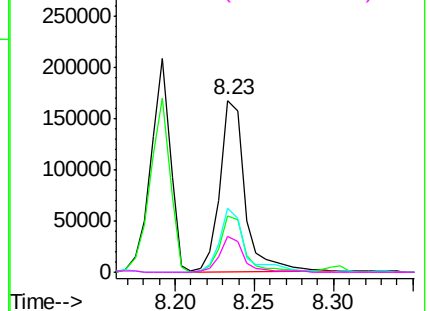
#33
4-Chloroaniline
Concen: 11.30 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	184144
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	37.1	25.0	37.4
92	21.1	15.2	22.8

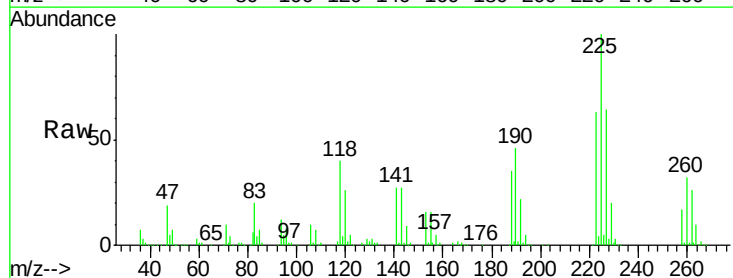


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

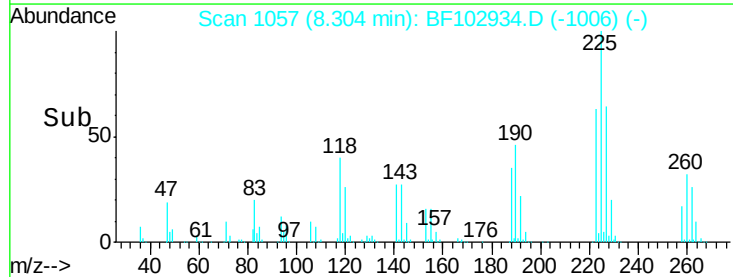
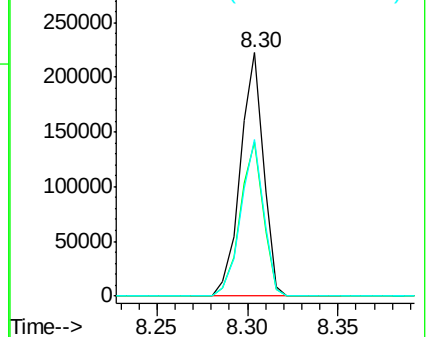


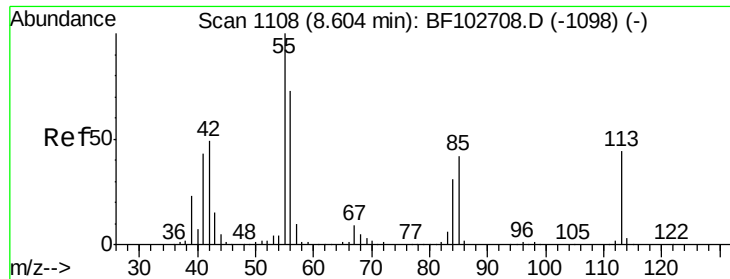
#34
Hexachlorobutadiene
Concen: 34.37 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:	225	Resp:	196753
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.3	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

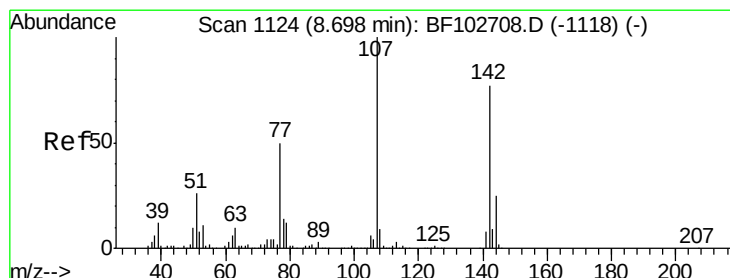
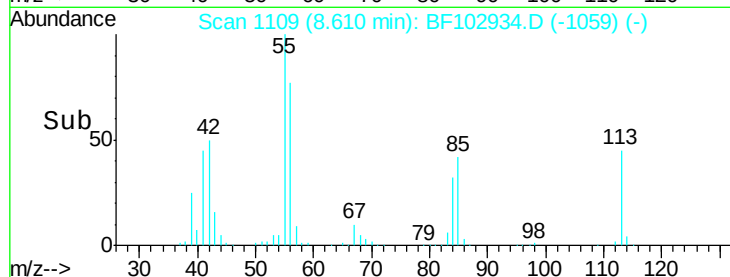
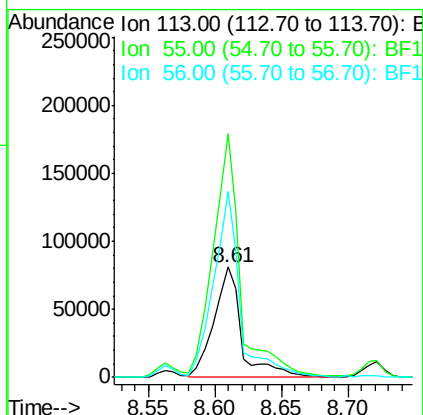
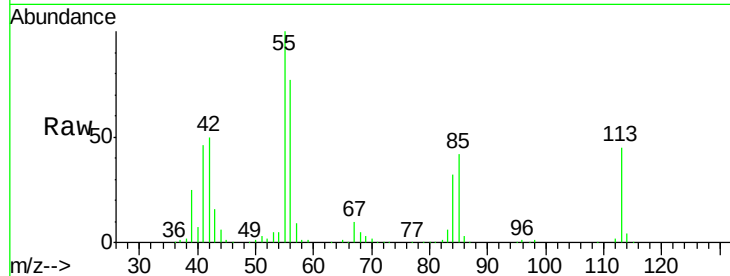




#35
 Caprolactam
 Concen: 34.42 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

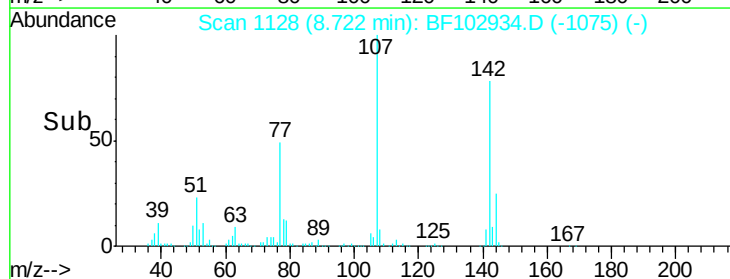
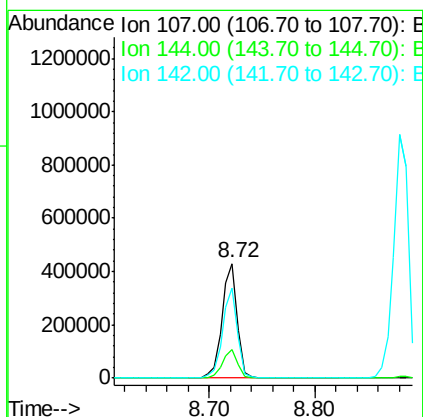
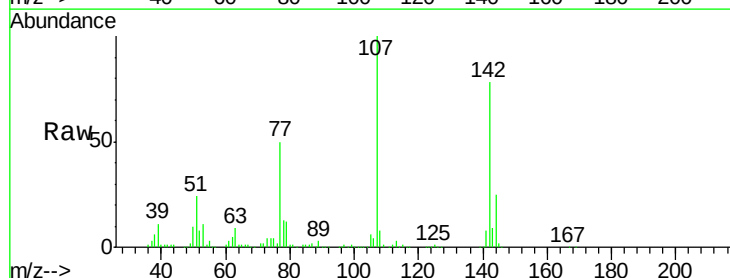
Instrument :
 BNA_F
 ClientSampled :

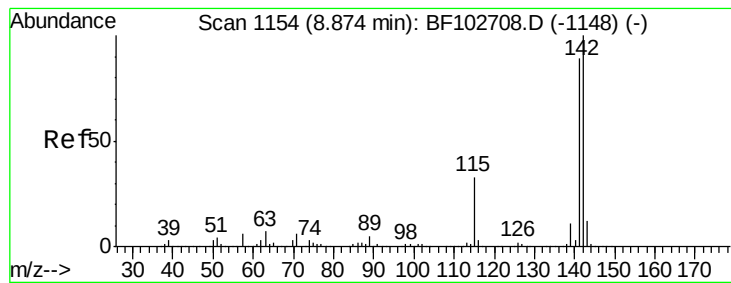
Tot Ion:113 Resp: 118025
 Ion Ratio Lower Upper
 113 100
 55 221.6 163.3 203.3#
 56 169.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.22 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:107 Resp: 435108
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.84 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

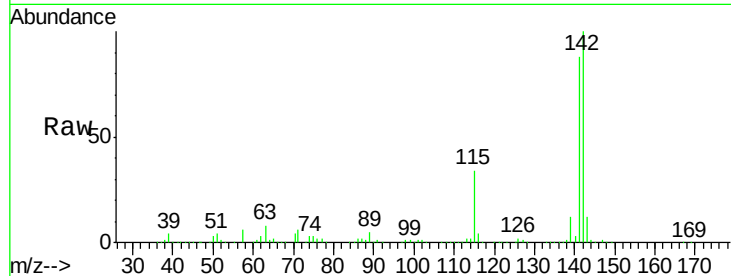
Tot Ion:142 Resp: 887895

Ion Ratio Lower Upper

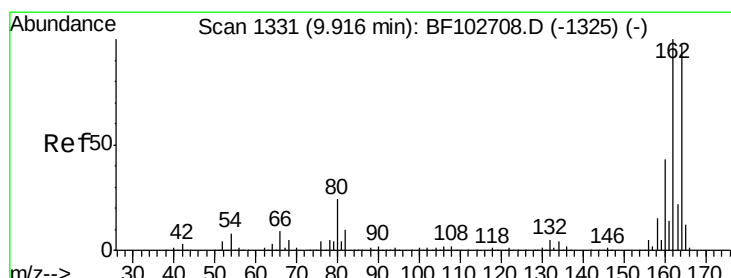
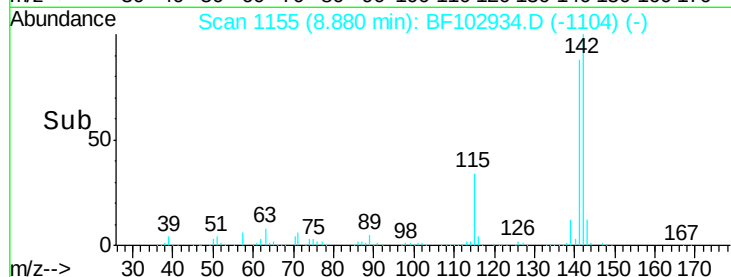
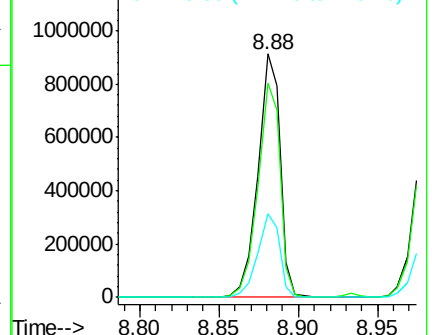
142 100

141 87.9 70.8 106.2

115 34.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

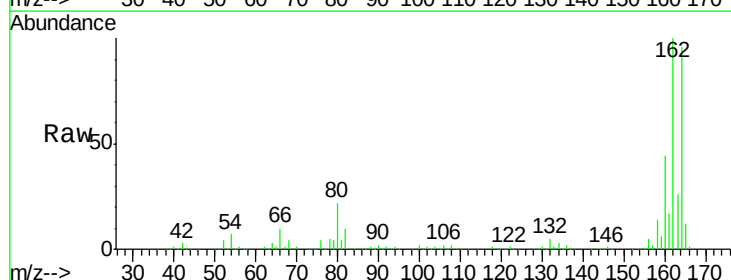
Tgt Ion:164 Resp: 332104

Ion Ratio Lower Upper

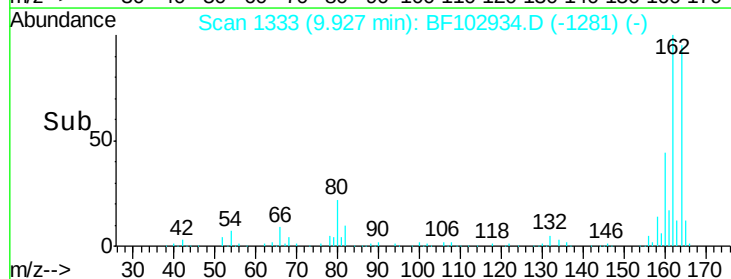
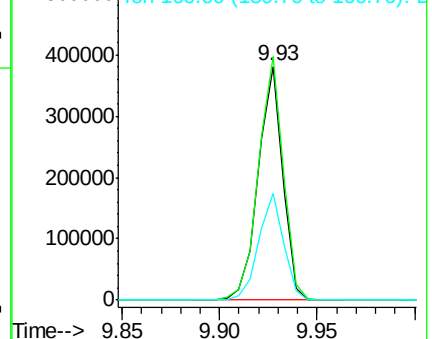
164 100

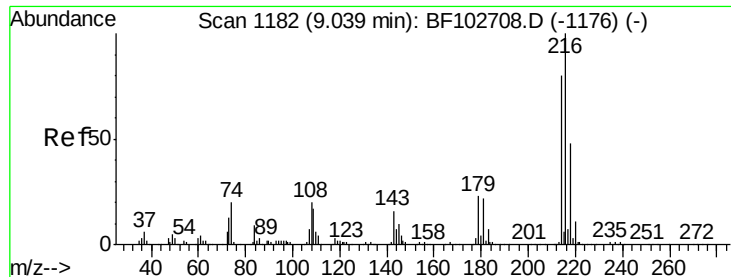
162 104.1 86.1 129.1

160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

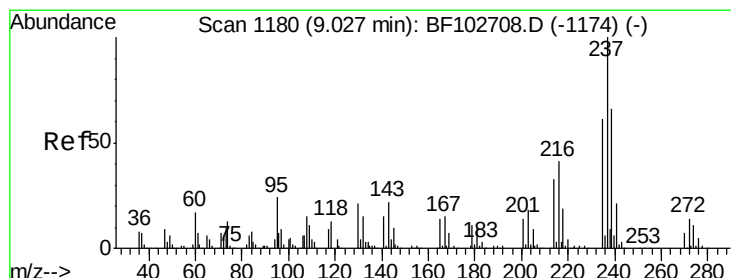
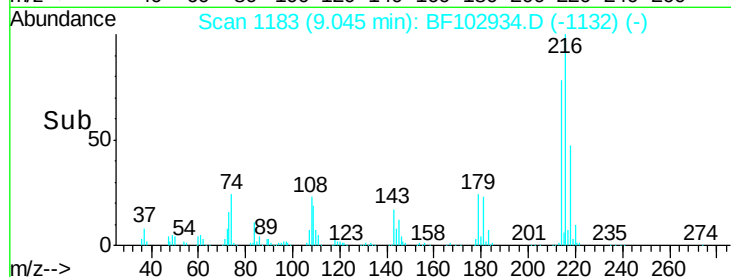
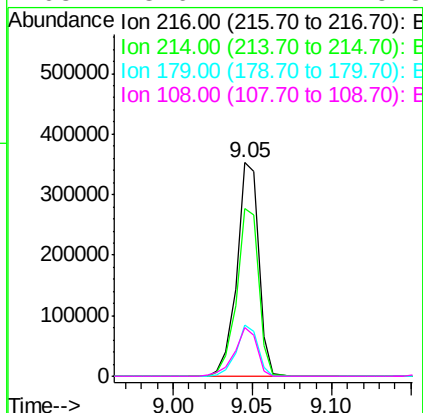
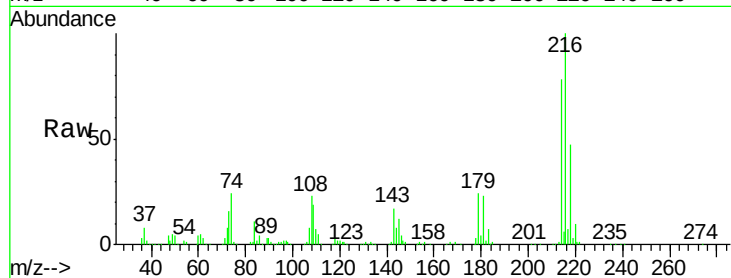




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.28 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

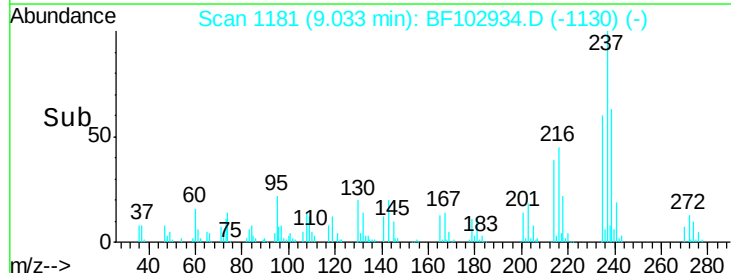
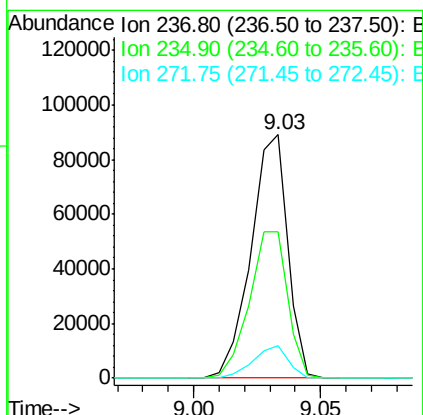
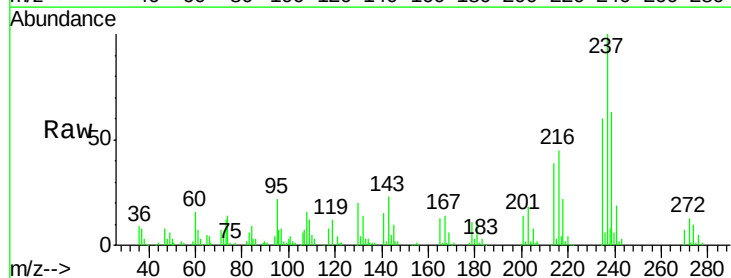
Instrument :
 BNA_F
 ClientSampled :

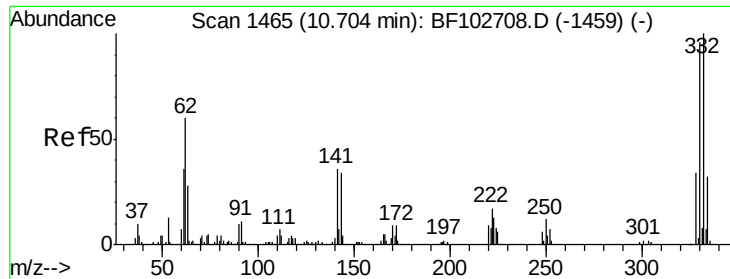
Tot Ion:216	Resp:	337120
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.0 94.4
179	23.8	18.1 27.1
108	23.6	17.2 25.8



#40
 Hexachlorocyclopentadiene
 Concen: 20.99 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:237	Resp:	90239
Ion Ratio	Lower	Upper
237	100	
235	60.0	44.8 84.8
272	13.5	0.0 33.3

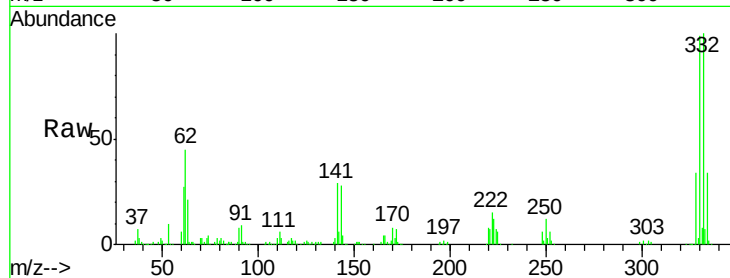




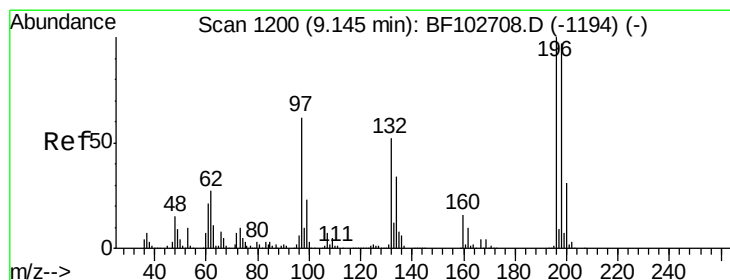
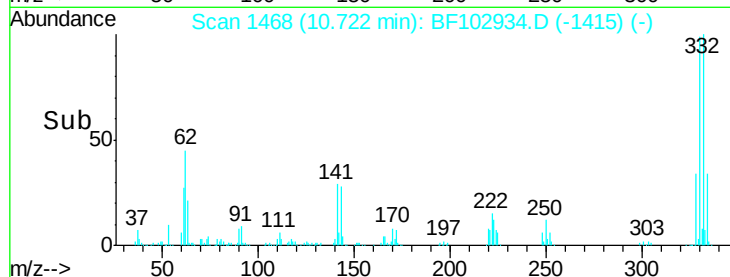
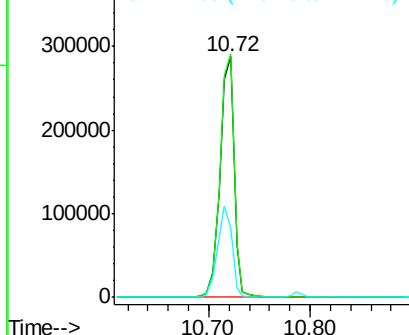
#41
 2,4,6-Tribromophenol
 Concen: 104.33 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	39.3	29.9	44.9

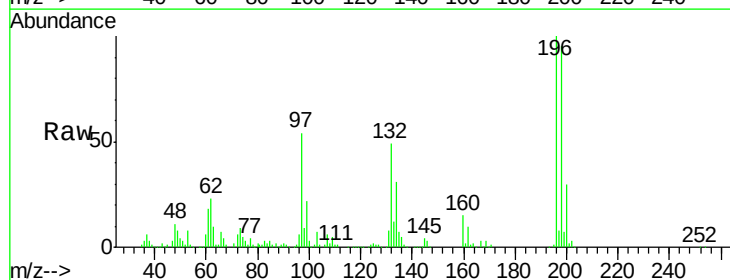


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

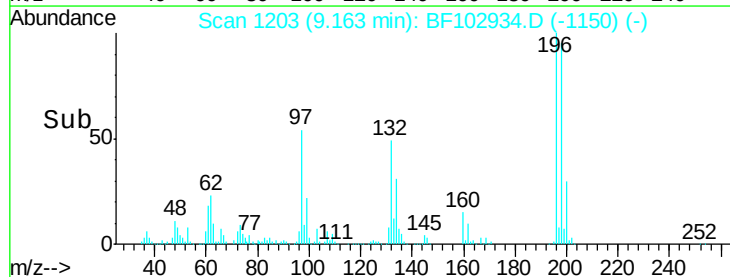
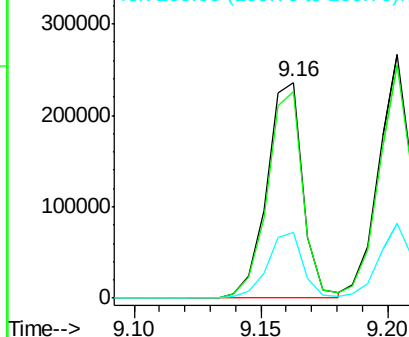


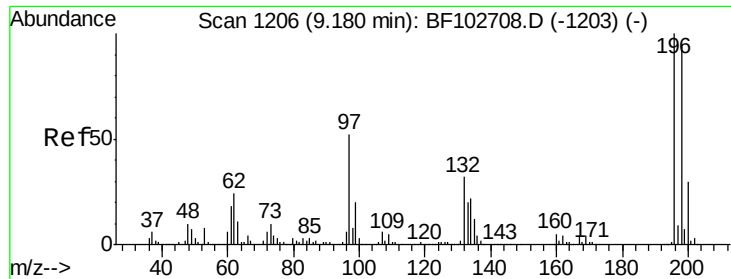
#42
 2,4,6-Trichlorophenol
 Concen: 39.71 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	30.2	24.5	36.7



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

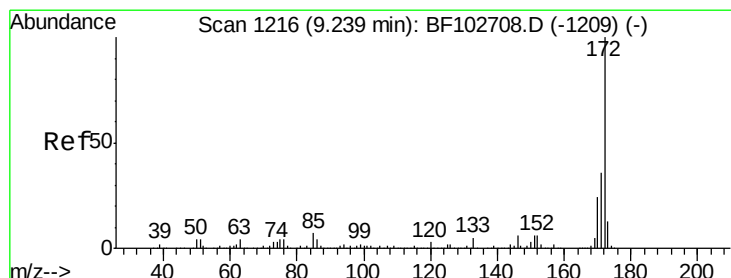
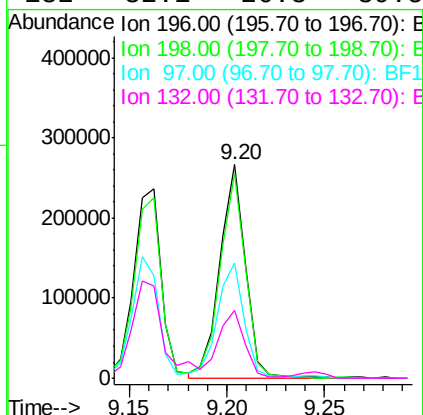
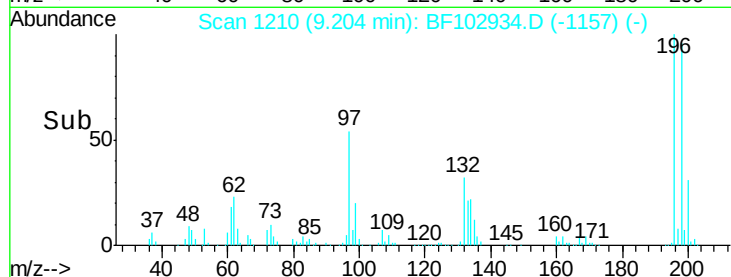
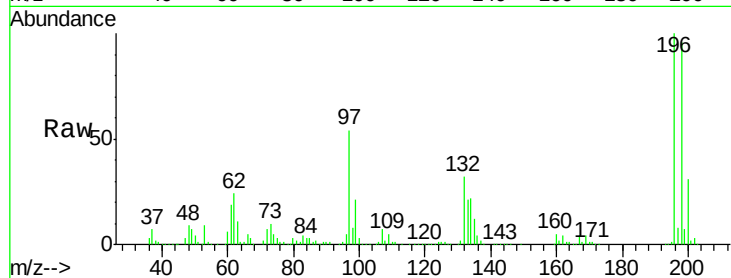




#43
 2,4,5-Trichlorophenol
 Concen: 35.84 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

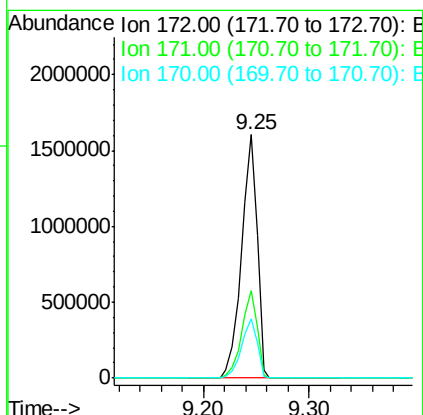
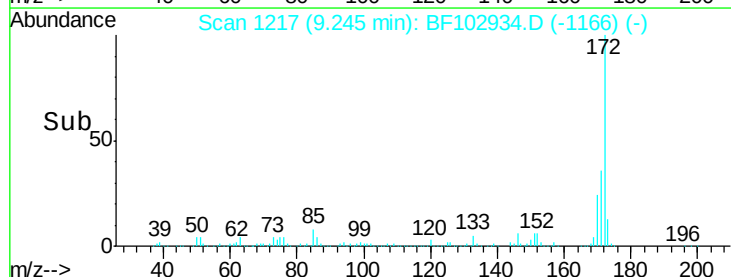
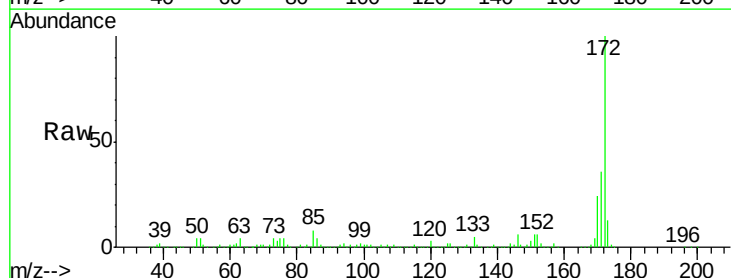
Instrument :
 BNA_F
 ClientSampleId :

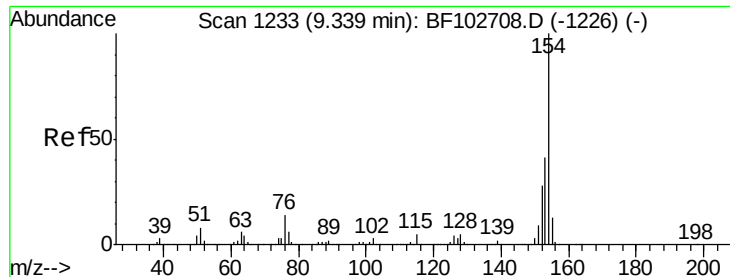
Tot Ion:	196	Resp:	239942
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	53.9	42.9	64.3
132	32.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:	172	Resp:	1613996
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 36.48 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

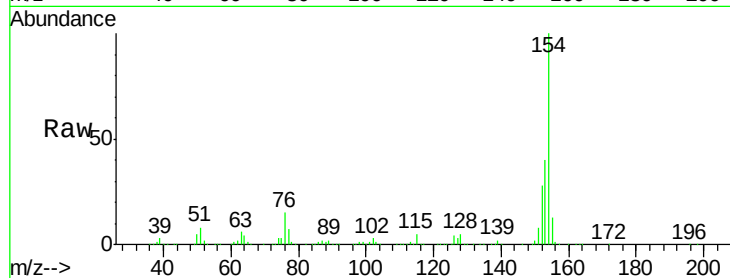
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1020461

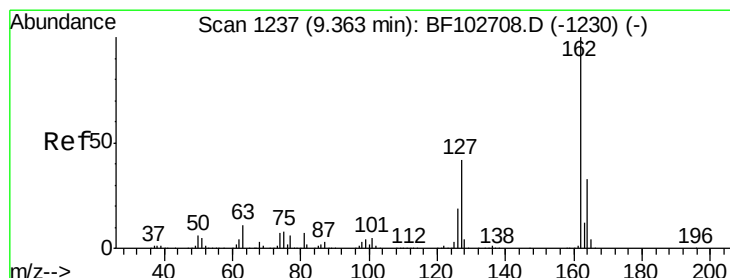
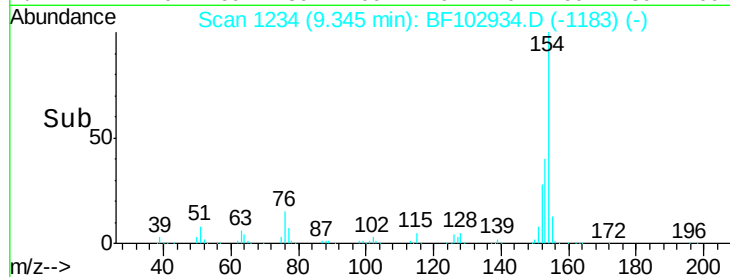
Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	14.9	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.79 ng

RT: 9.37 min Scan# 1239

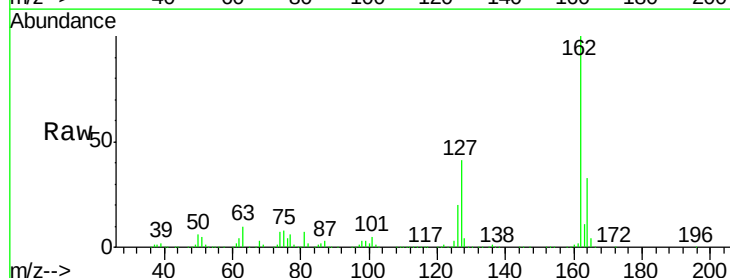
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:162 Resp: 788213

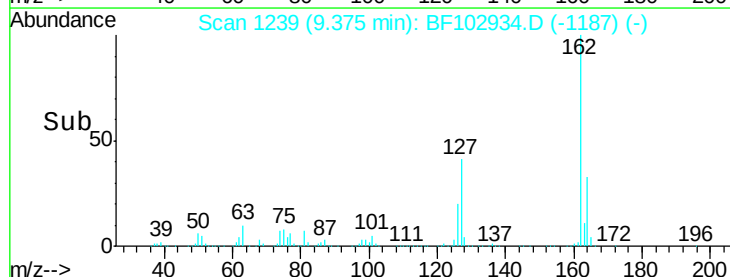
Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.9	50.9
164	33.2	26.5	39.7

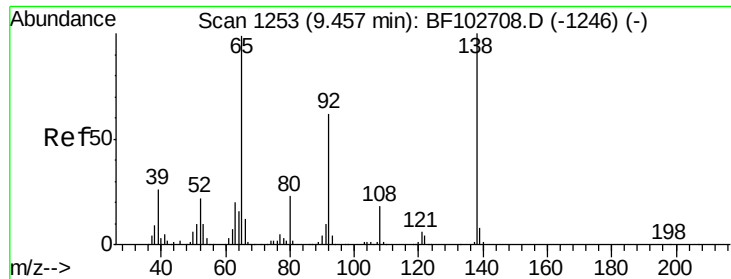


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.60 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampled :

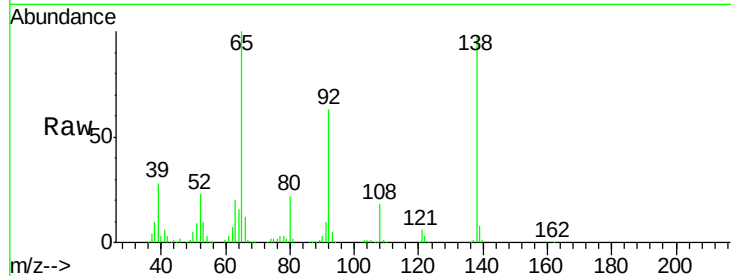
Tot Ion: 65 Resp: 308592

Ion Ratio Lower Upper

65 100

92 62.8 55.8 83.6

138 97.6 91.2 136.8



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

9.47

400000

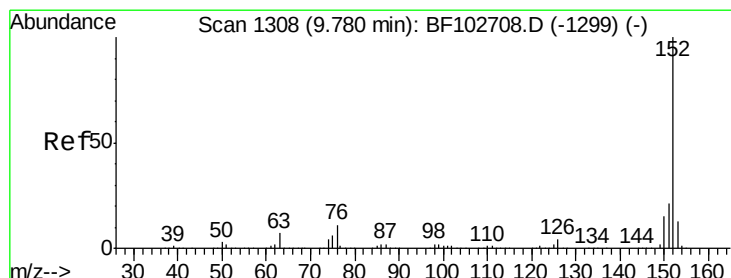
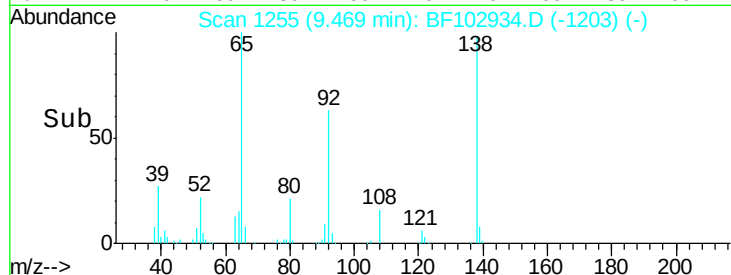
300000

200000

100000

0

Time-->



#48

Acenaphthylene

Concen: 34.37 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

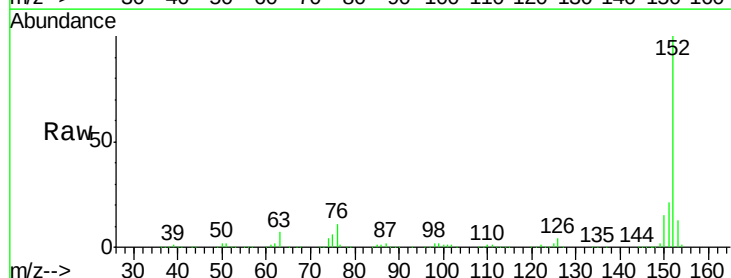
Tgt Ion: 152 Resp: 1175536

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

9.79

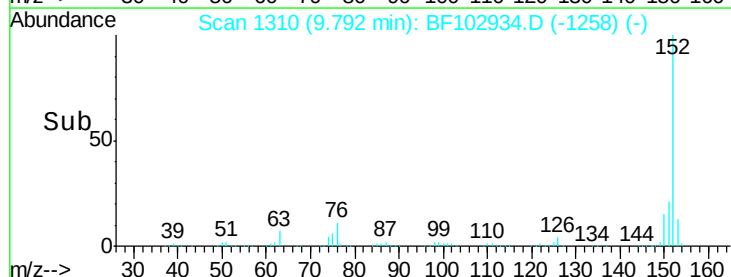
1500000

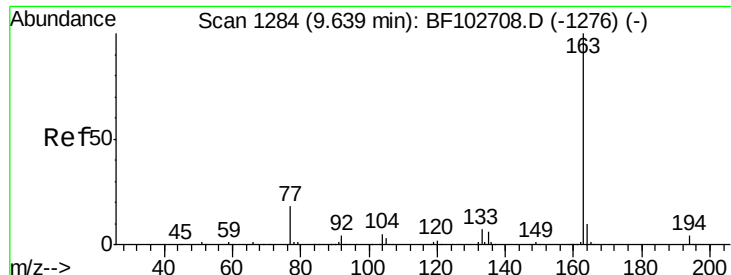
1000000

500000

0

Time-->

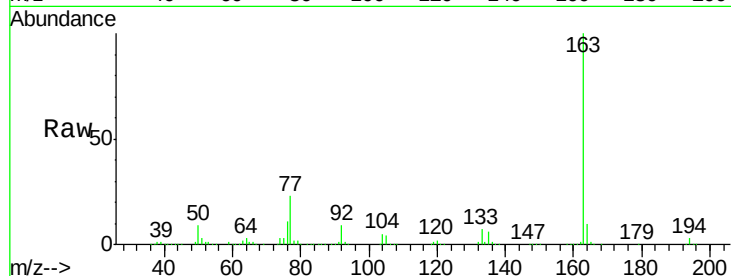




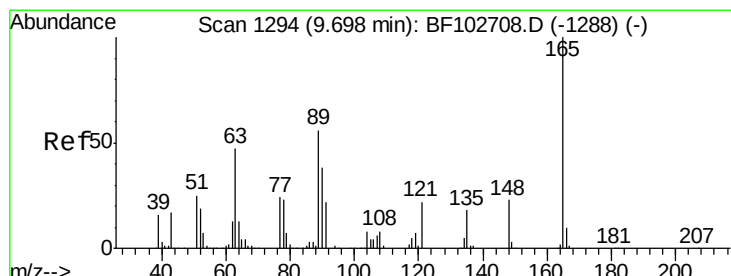
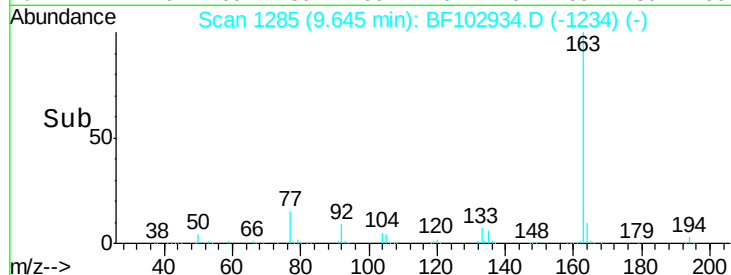
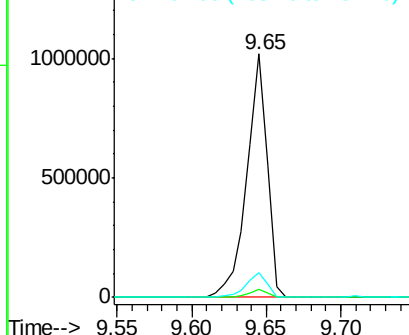
#49
Dimethylphthalate
Concen: 37.20 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 963184
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

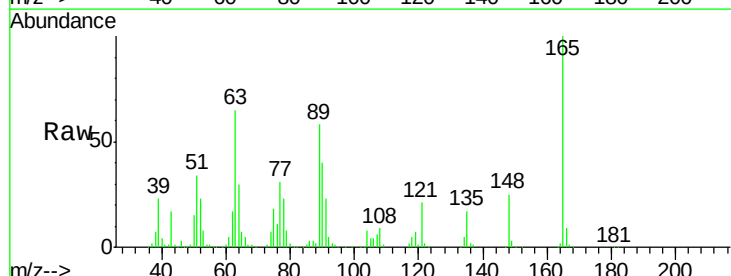


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

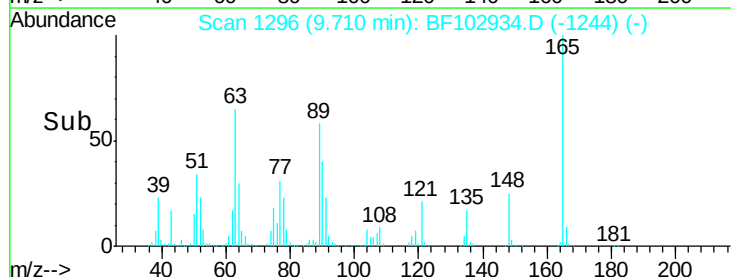
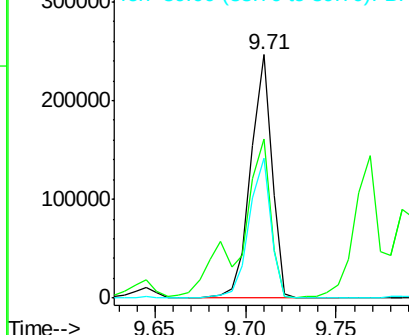


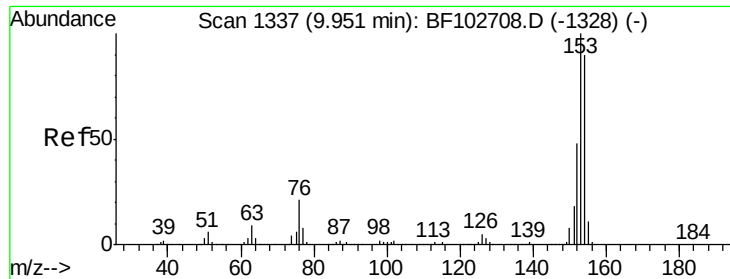
#50
2,6-Dinitrotoluene
Concen: 41.04 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:165 Resp: 202190
Ion Ratio Lower Upper
165 100
63 65.5 44.7 67.1
89 57.6 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: 34.50 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampled :

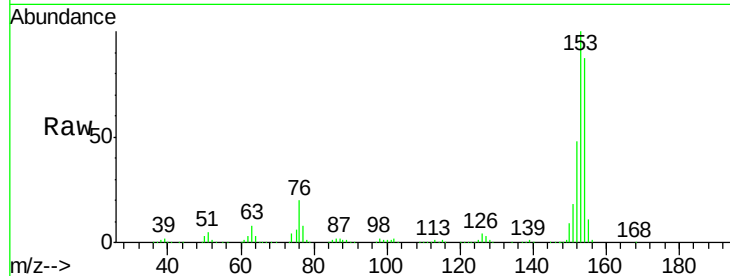
Tot Ion:154 Resp: 705699

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

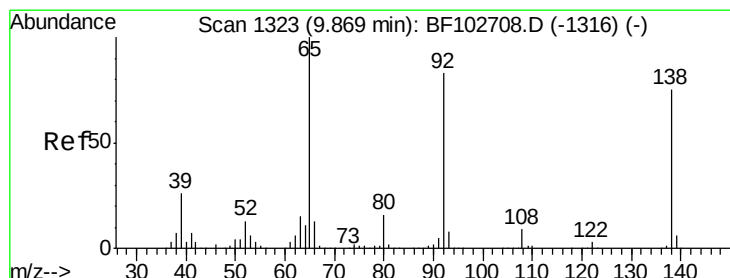
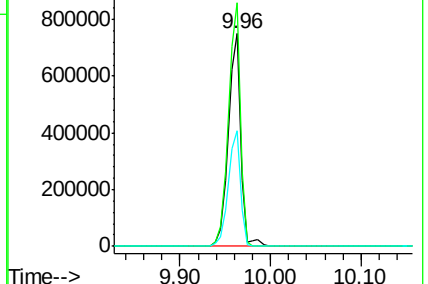
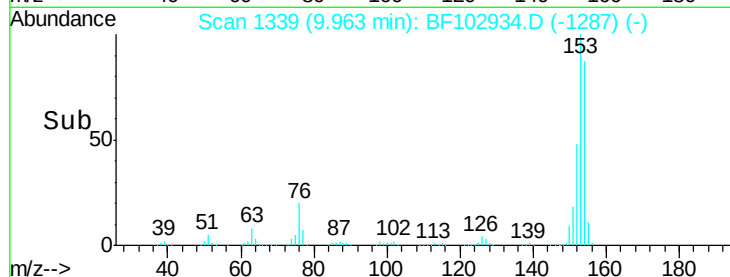
152 54.5 43.8 65.8



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: 27.71 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

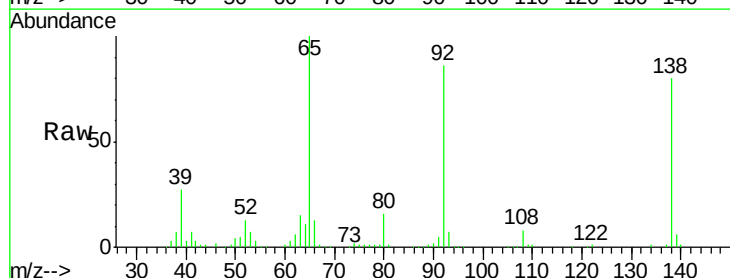
Tgt Ion:138 Resp: 167977

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

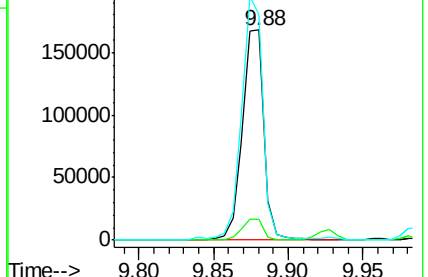
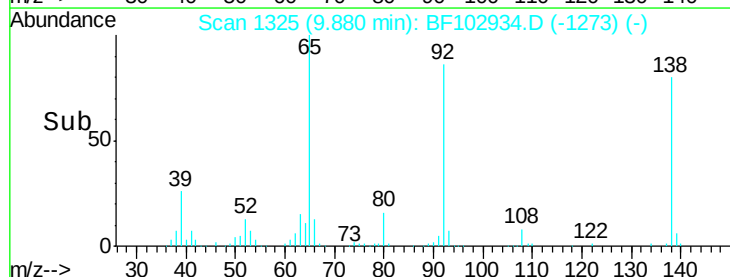
92 107.4 89.4 134.2

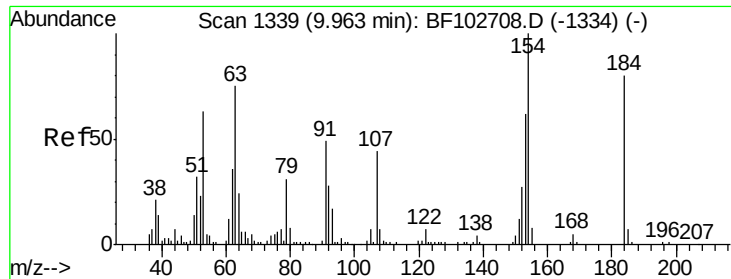


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

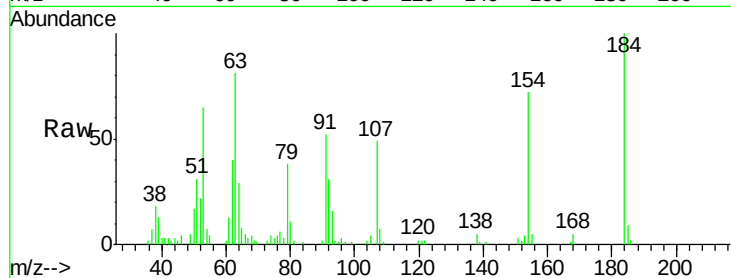




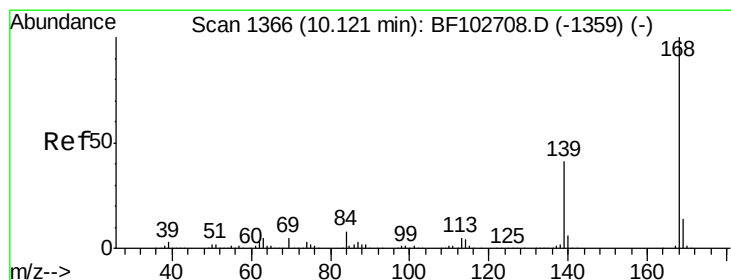
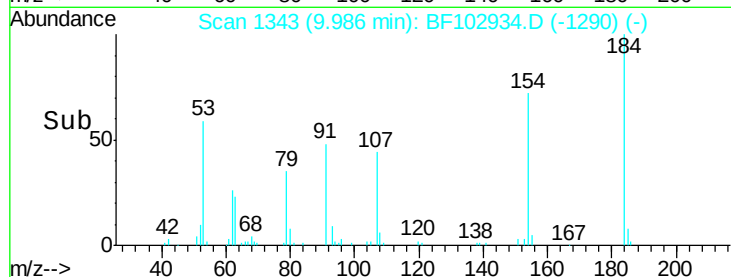
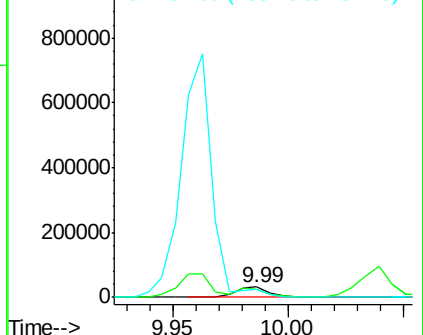
#53
2,4-Dinitrophenol
Concen: 33.92 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 31214
Ion Ratio Lower Upper
184 100
63 81.4 54.2 81.2#
154 72.2 184.0 276.0#

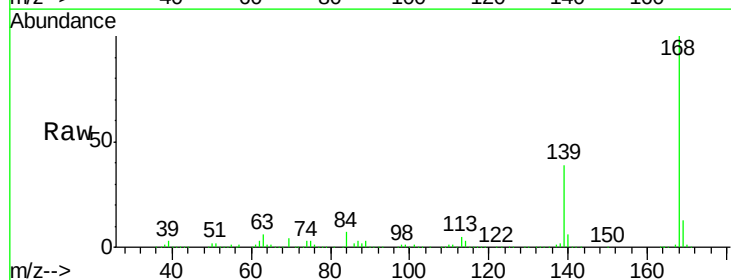


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

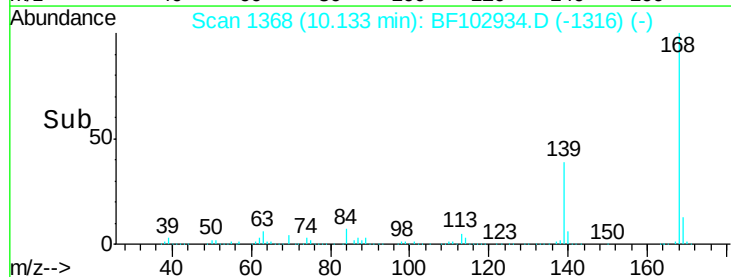
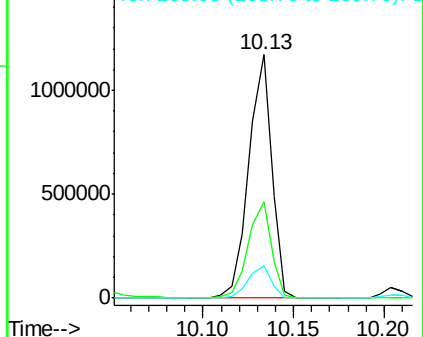


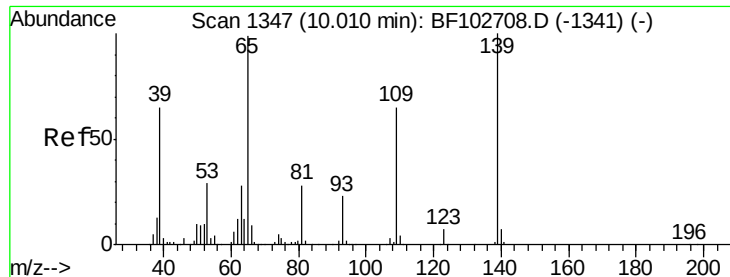
#54
Dibenzofuran
Concen: 36.05 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:168 Resp: 1039041
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 13.4 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: 58.52 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

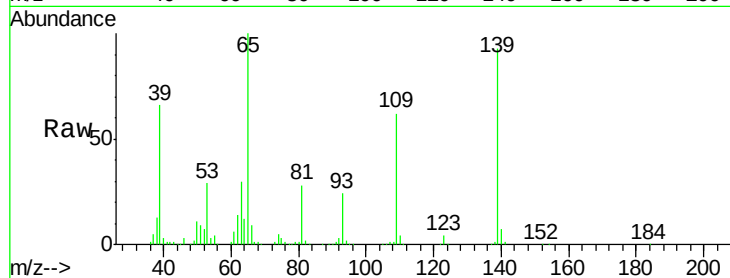
Tot Ion:139 Resp: 285849

Ion Ratio Lower Upper

139 100

109 66.4 48.4 88.4

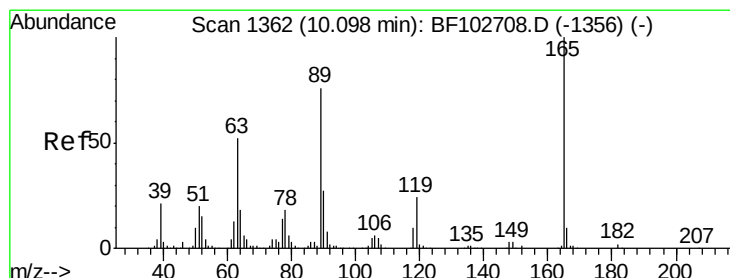
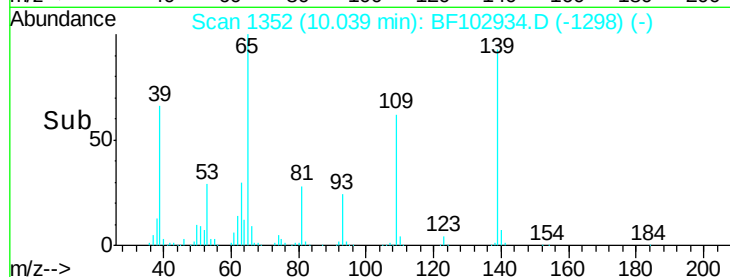
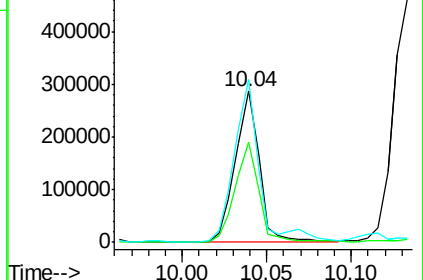
65 107.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 39.80 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:165 Resp: 259249

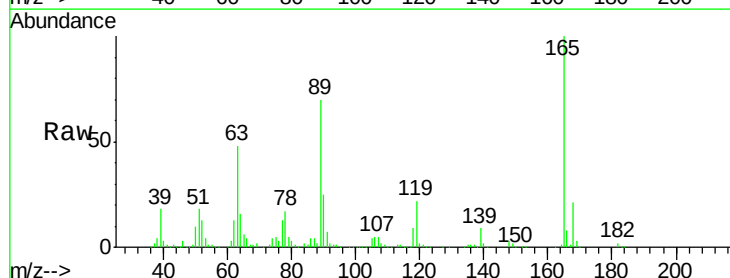
Ion Ratio Lower Upper

165 100

63 47.8 36.4 54.6

89 69.9 57.8 86.6

182 2.3 1.6 2.4

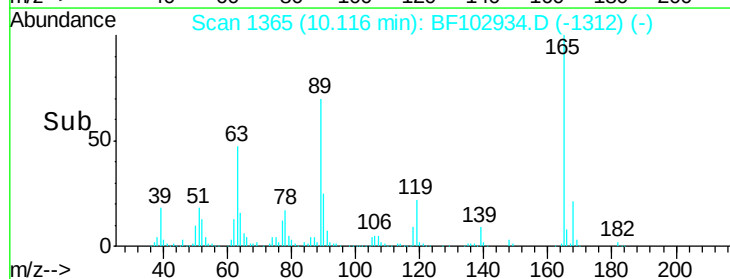
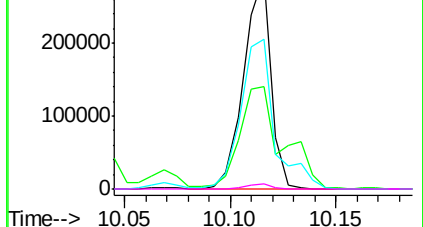


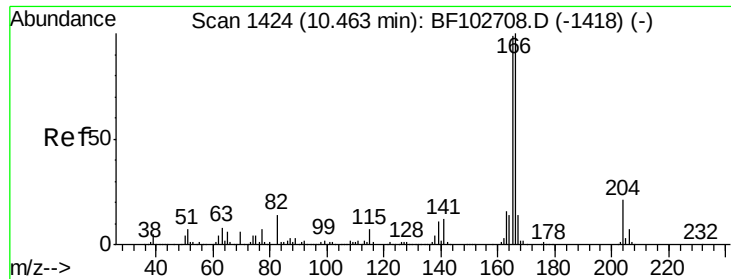
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

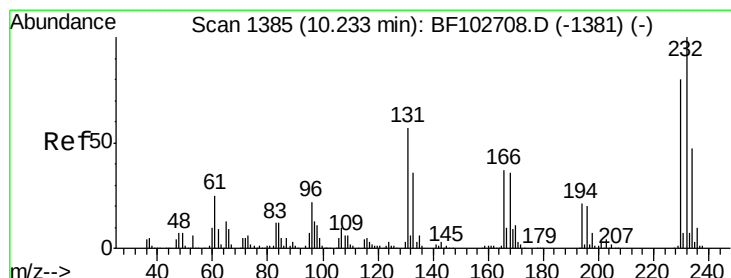
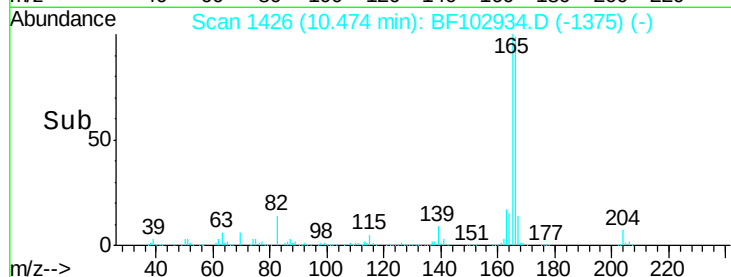
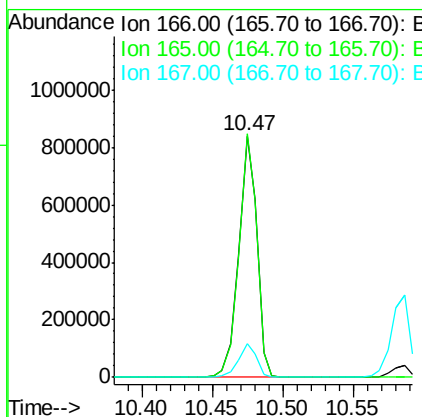
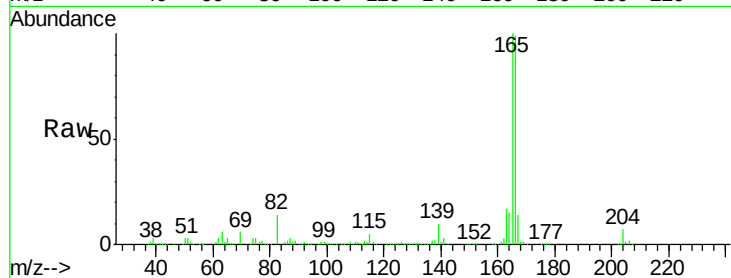




#57
 Fluorene
 Concen: 35.80 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

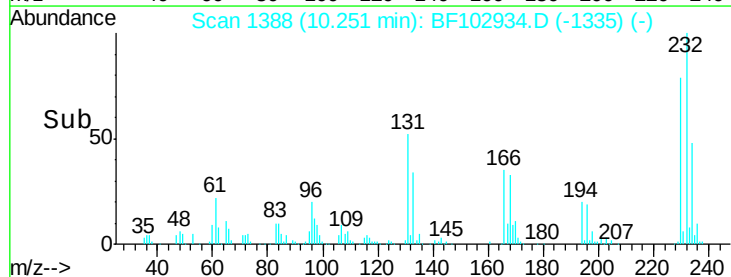
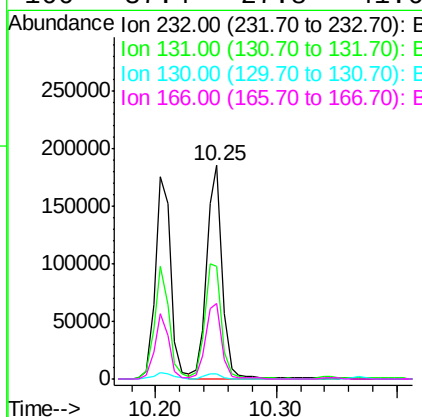
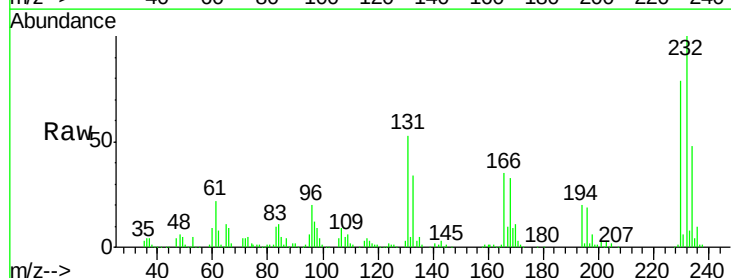
Instrument :
 BNA_F
 ClientSampleId :

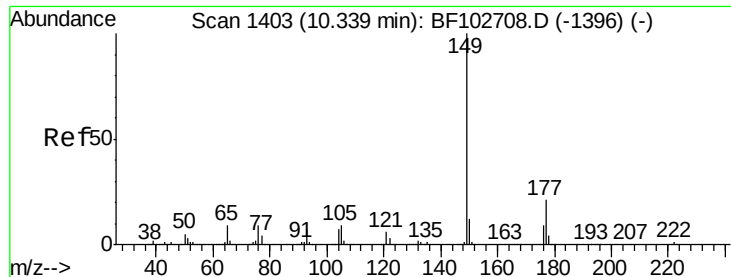
Tot Ion:166 Resp: 750863
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.38 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:232 Resp: 164172
 Ion Ratio Lower Upper
 232 100
 131 58.2 43.8 65.8
 130 2.8 2.1 3.1
 166 37.4 27.8 41.6

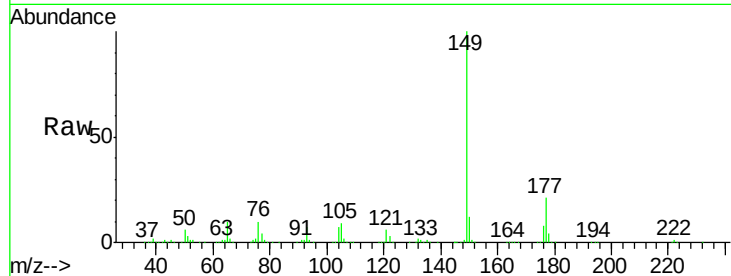




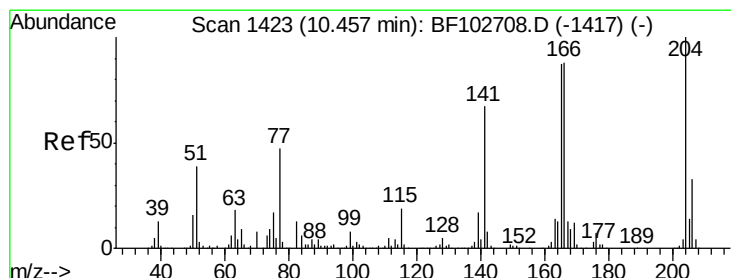
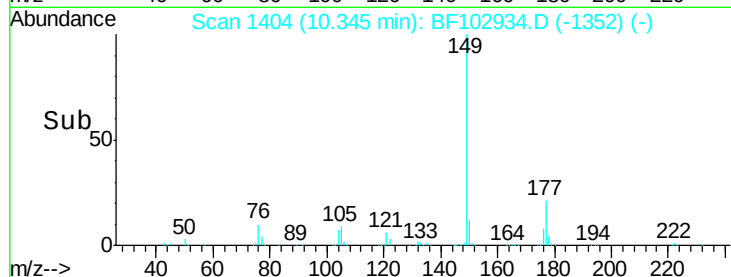
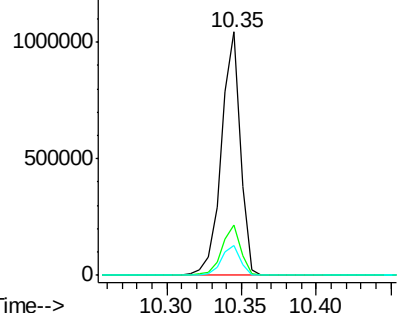
#59
Diethylphthalate
Concen: 36.53 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 934148
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.5 10.1 15.1

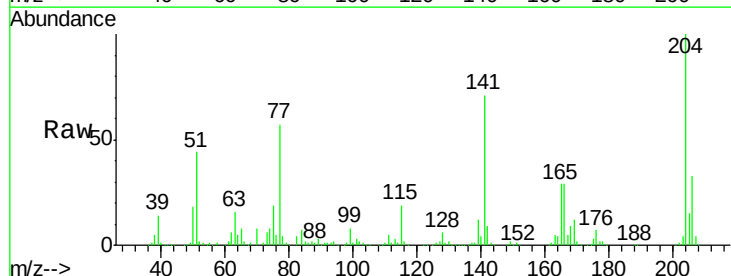


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

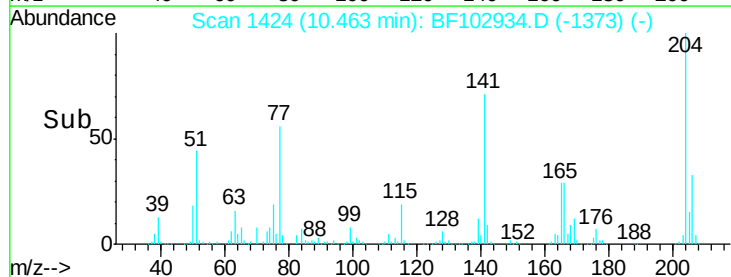
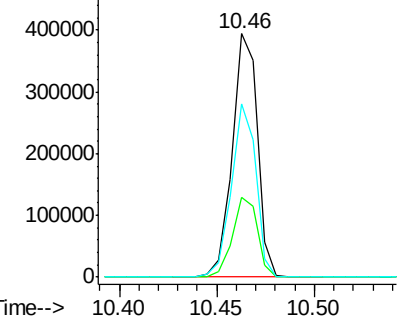


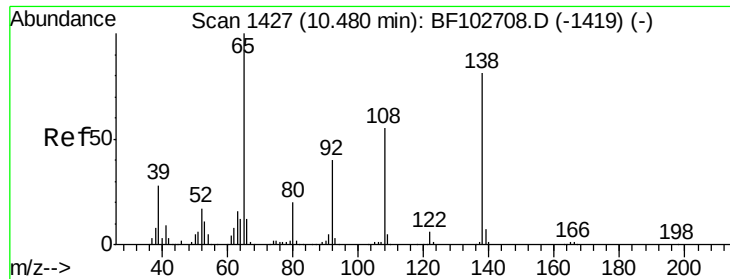
#60
4-Chlorophenyl-phenylether
Concen: 37.92 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:204 Resp: 351795
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 71.0 54.6 81.8



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

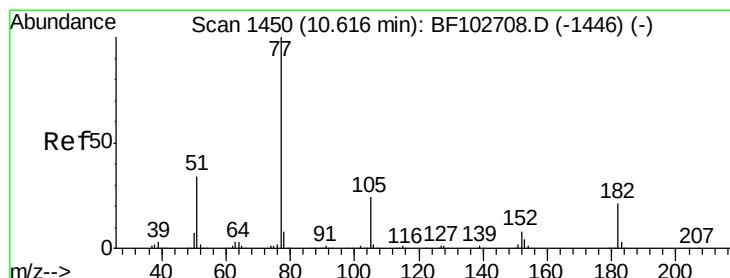
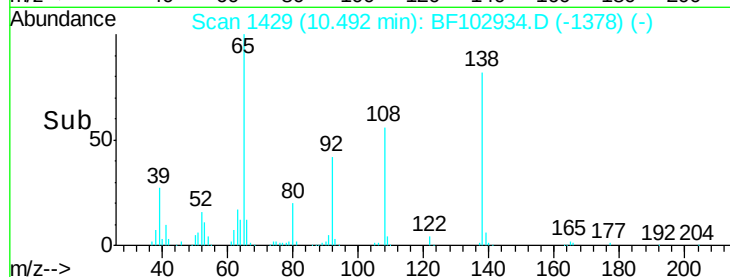
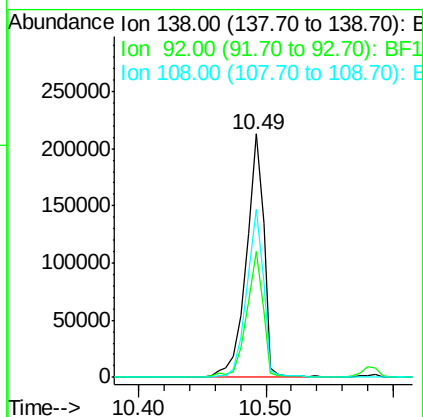
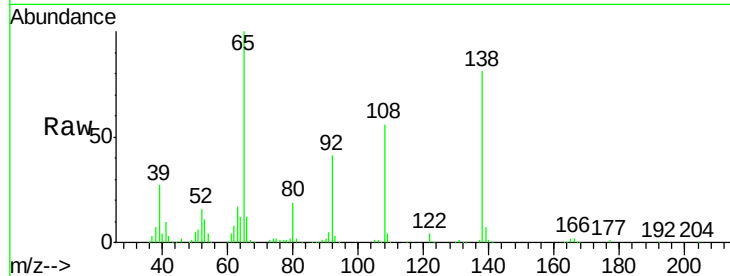




#61
4-Nitroaniline
Concen: 35.54 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

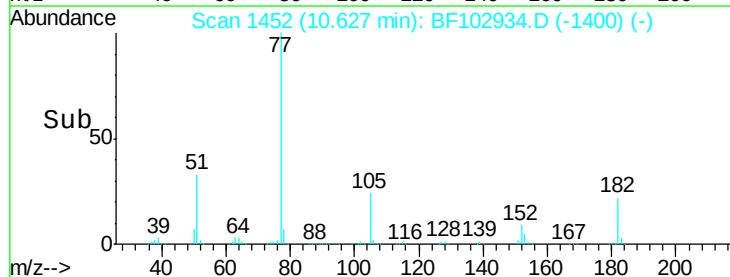
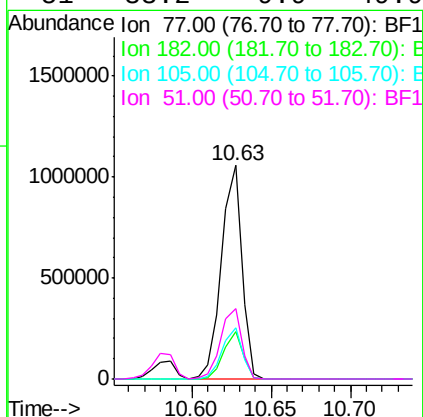
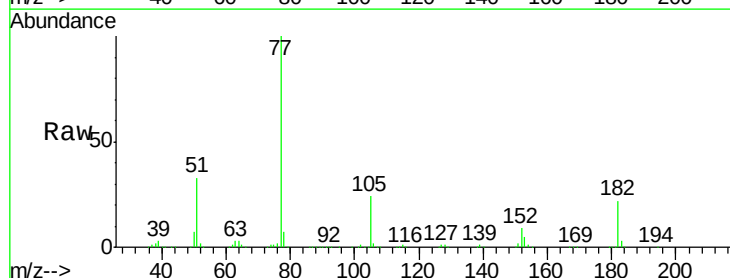
Instrument :
BNA_F
ClientSampleId :

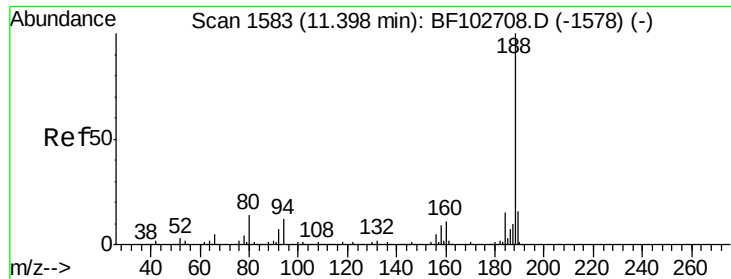
Tot Ion:138 Resp: 205085
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 68.9 52.5 92.5



#62
Azobenzene
Concen: 37.17 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion: 77 Resp: 949355
Ion Ratio Lower Upper
77 100
182 22.2 1.7 41.7
105 24.3 3.0 43.0
51 33.2 9.9 49.9

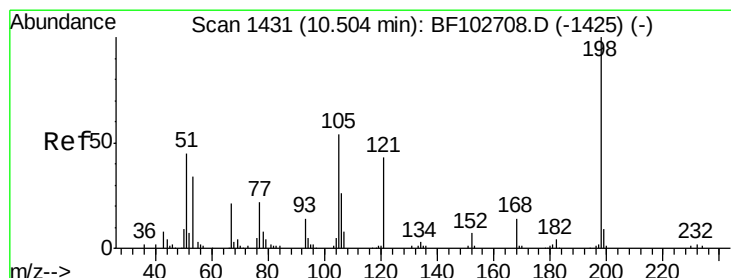
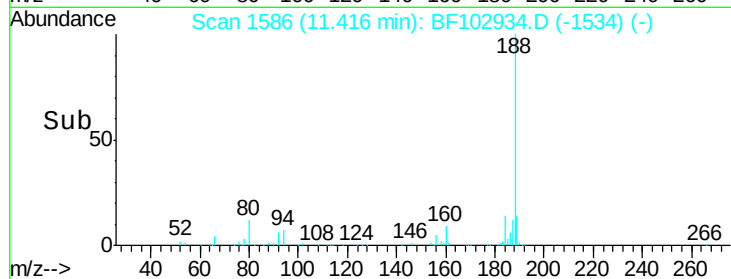
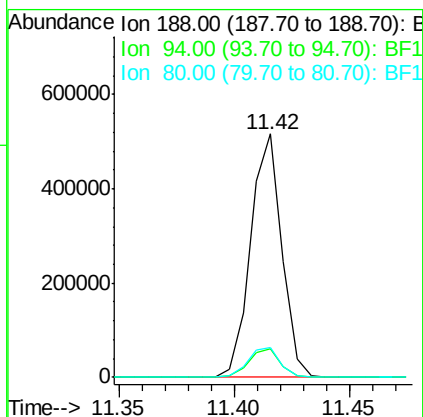
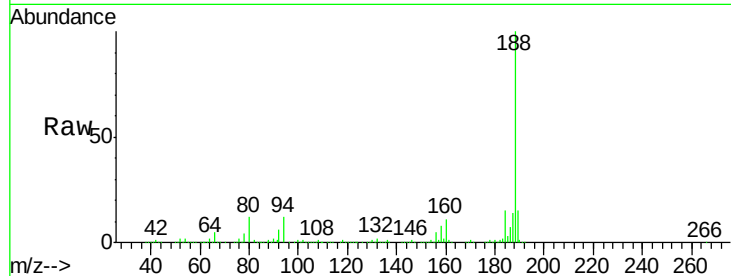




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

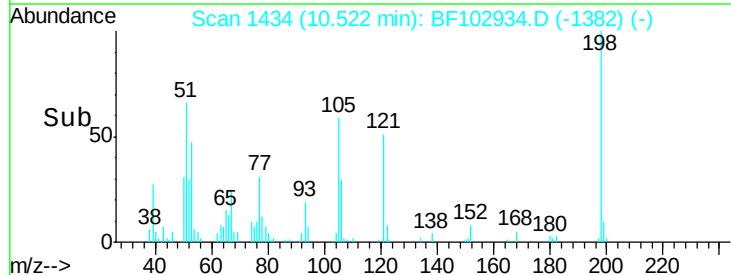
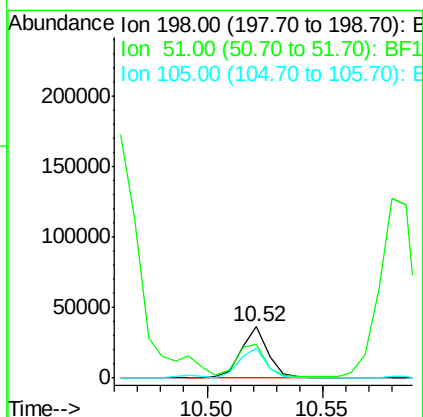
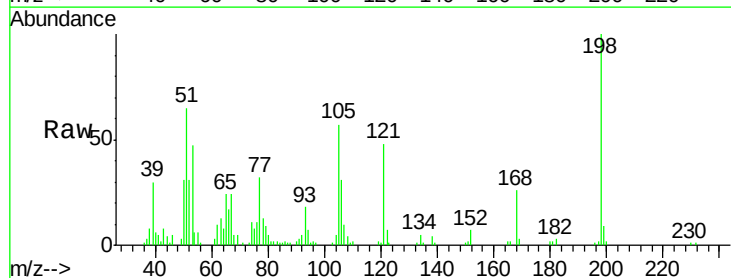
Instrument :
BNA_F
ClientSampled :

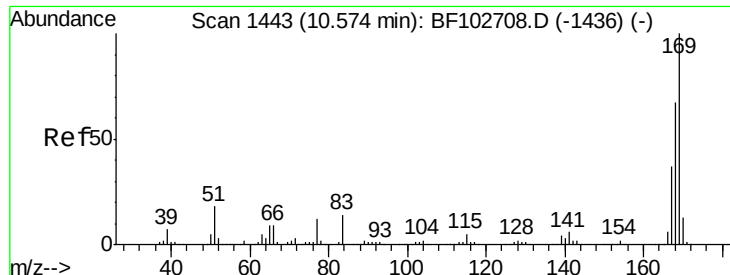
Tot Ion:188 Resp: 487013
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.92 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:198 Resp: 29996
Ion Ratio Lower Upper
198 100
51 65.5 37.7 77.7
105 57.0 36.3 76.3

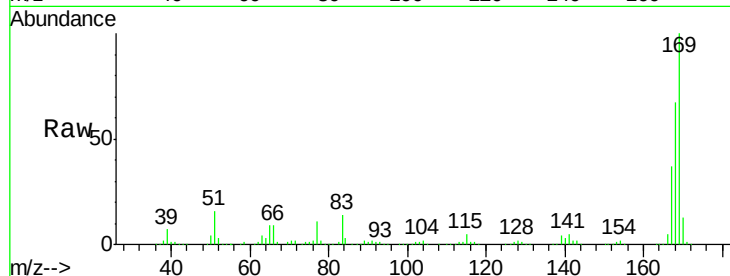




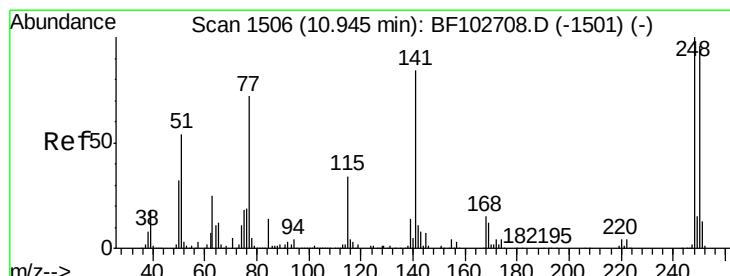
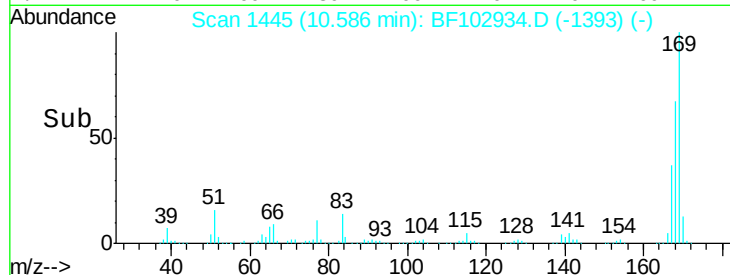
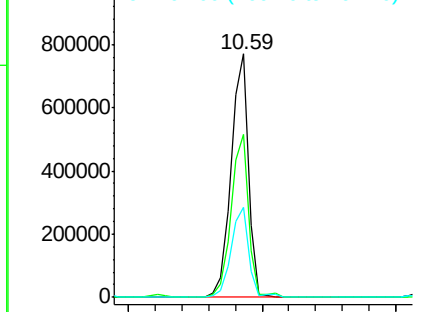
#65
 n-Nitrosodiphenylamine
 Concen: 41.31 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	36.9	29.8	44.6

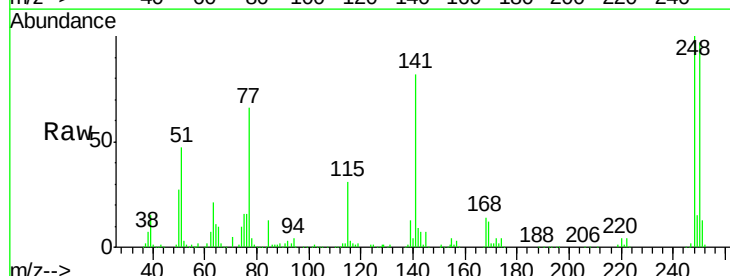


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

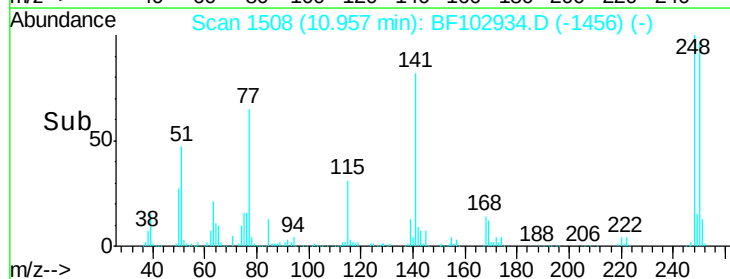
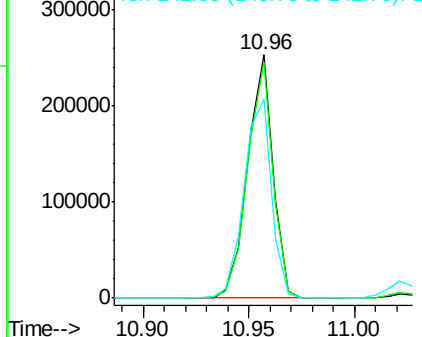


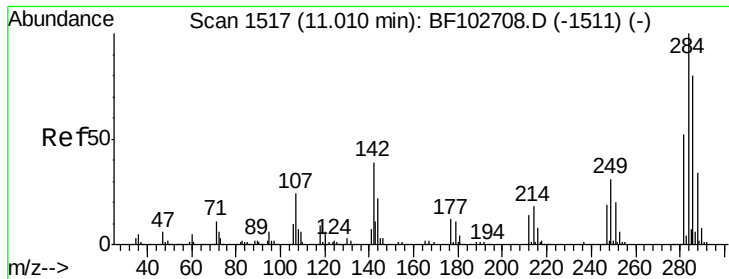
#66
 4-Bromophenyl-phenylether
 Concen: 41.08 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	81.9	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: 36.99 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

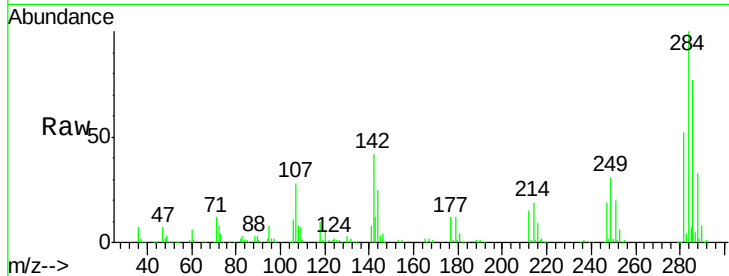
Tot Ion:284 Resp: 210242

Ion Ratio Lower Upper

284 100

142 42.0 34.6 52.0

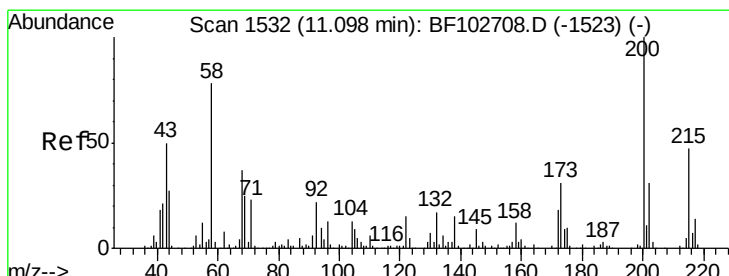
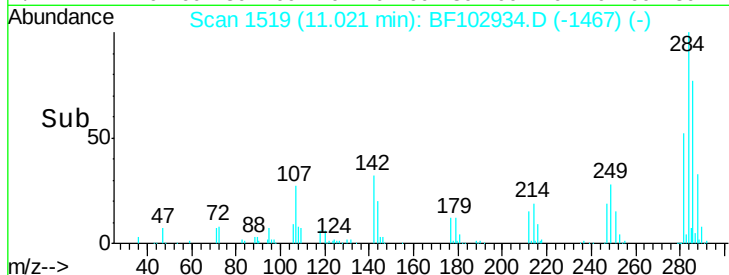
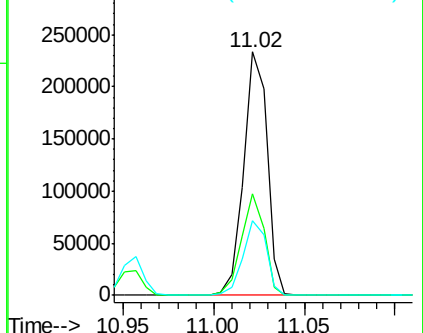
249 30.6 24.8 37.2



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: 40.73 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

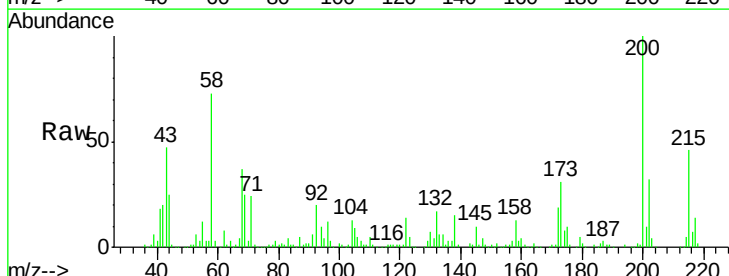
Tgt Ion:200 Resp: 206415

Ion Ratio Lower Upper

200 100

173 31.1 8.6 48.6

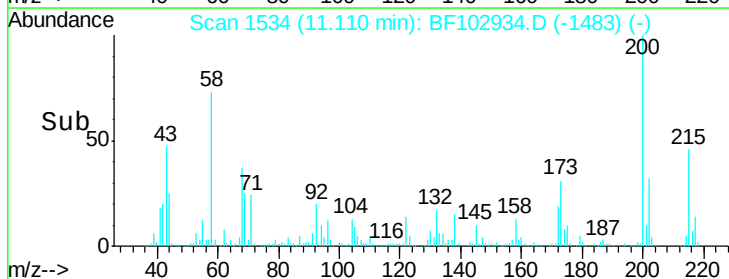
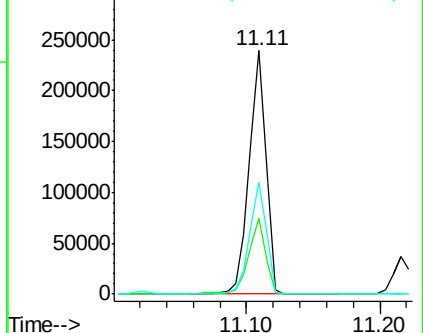
215 45.9 25.1 65.1

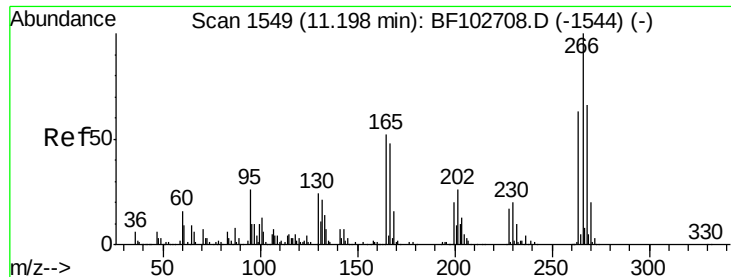


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

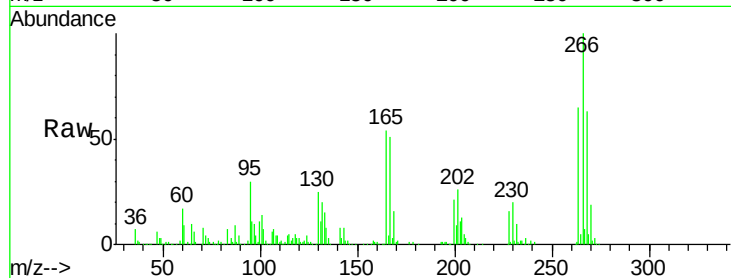




#69
 Pentachlorophenol
 Concen: 49.84 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	65.2	49.5	74.3

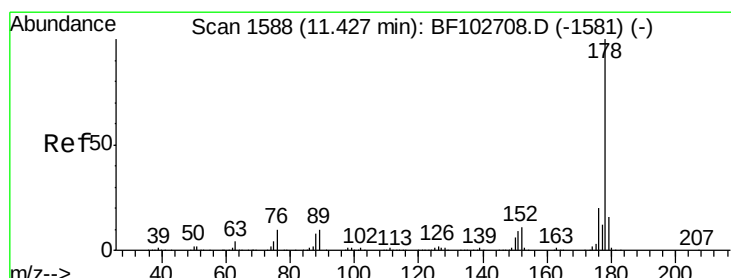
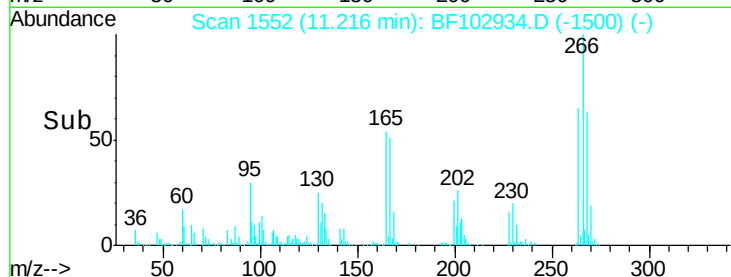
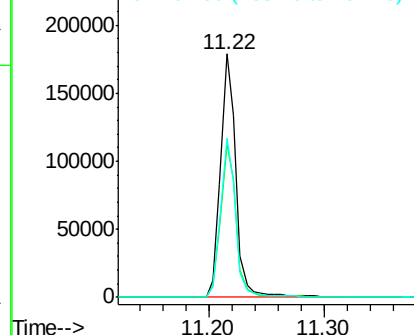


Abundance

Ion 265.70 (265.40 to 266.40): E

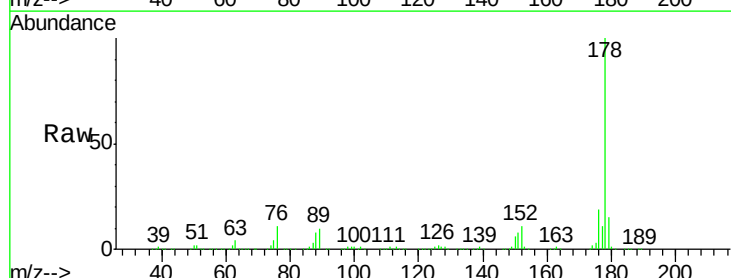
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.76 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

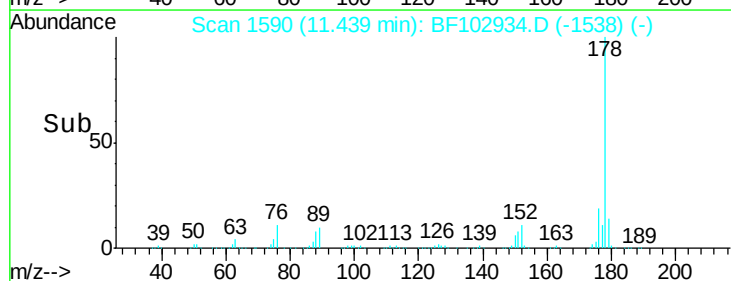
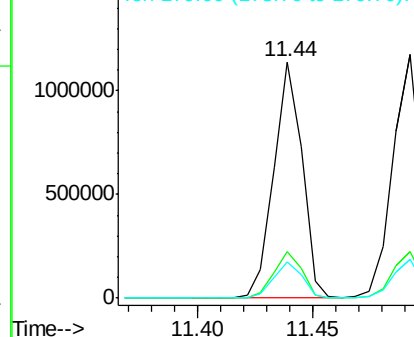


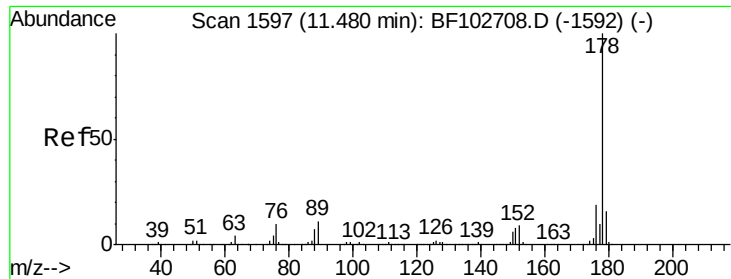
Abundance

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

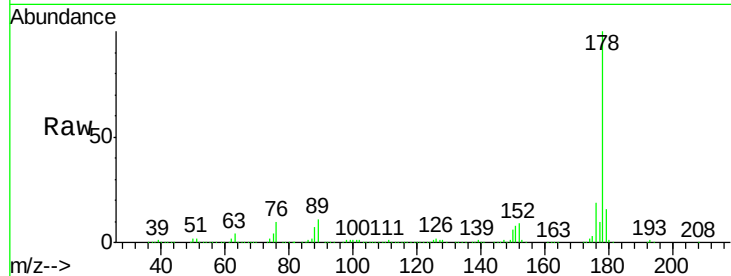




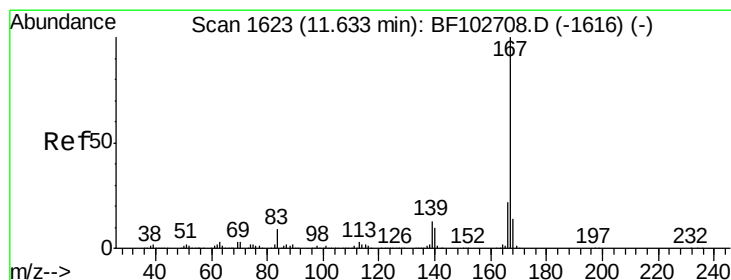
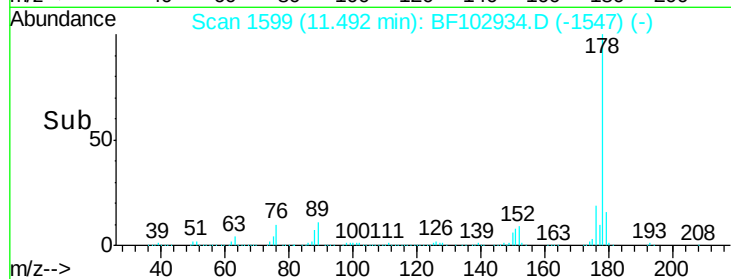
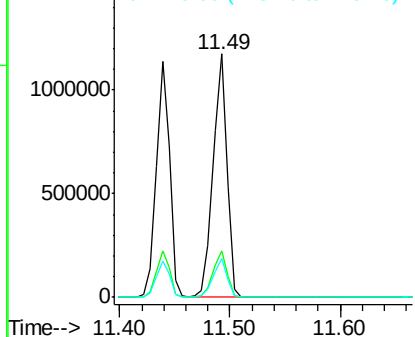
#71
 Anthracene
 Concen: 36.50 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1006924
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.9 12.6 19.0

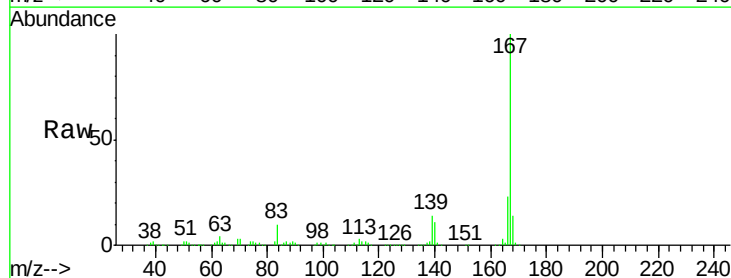


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

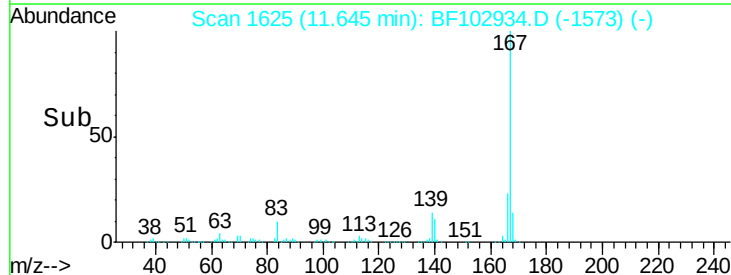
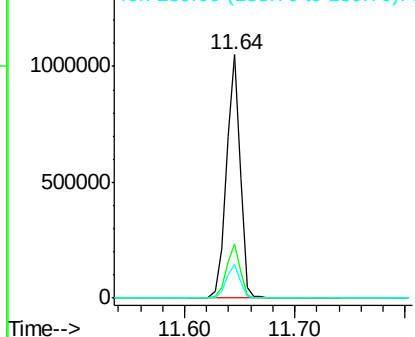


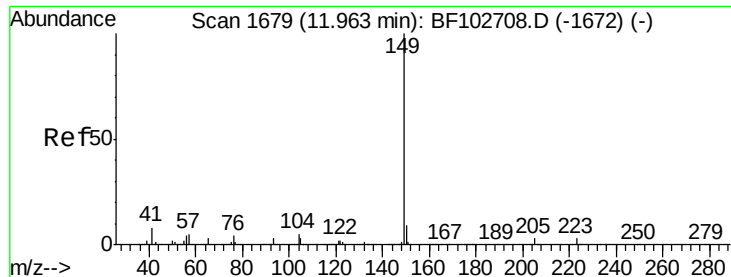
#72
 Carbazole
 Concen: 33.86 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:167 Resp: 915142
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3



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

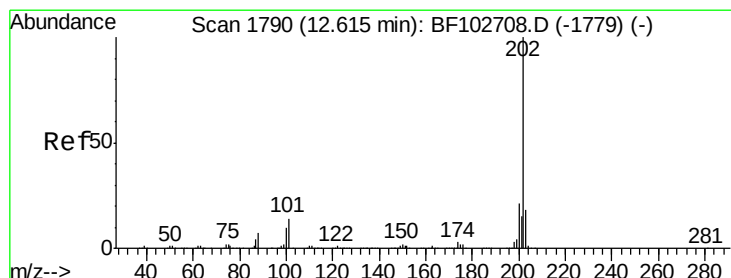
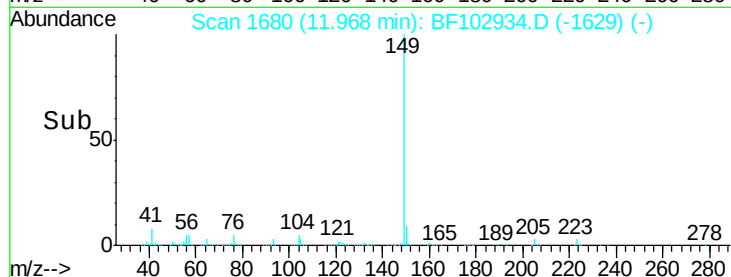
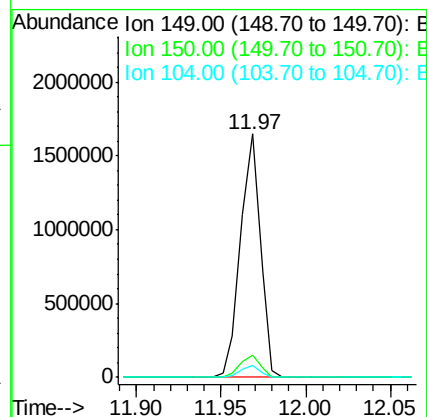
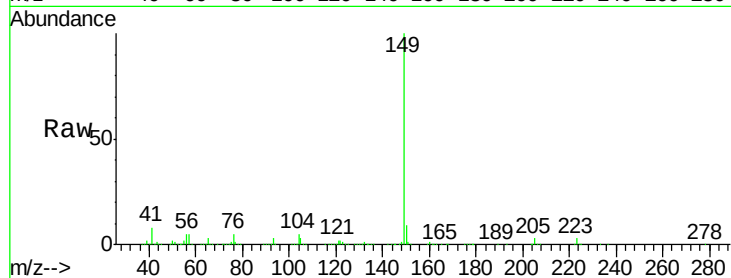




#73
Di-n-butylphthalate
Concen: 41.14 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

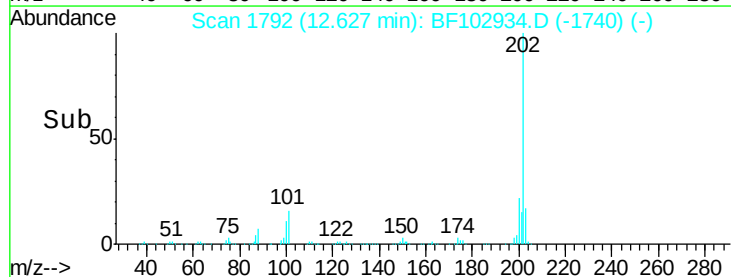
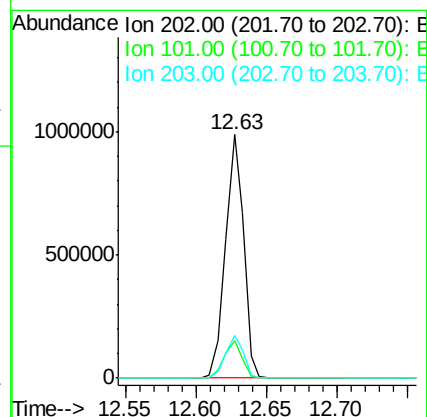
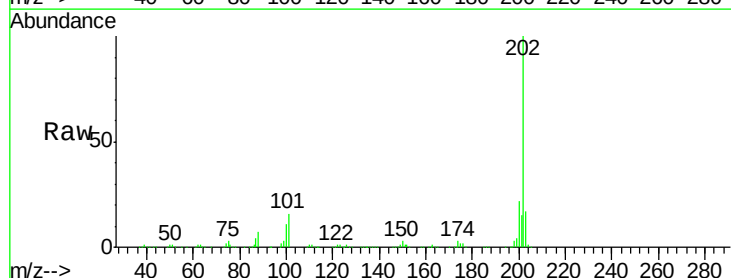
Instrument :
BNA_F
ClientSampleId :

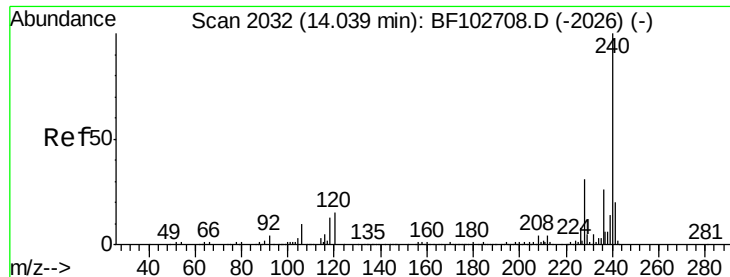
Tot Ion:149 Resp: 1350502
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 32.19 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:202 Resp: 878357
Ion Ratio Lower Upper
202 100
101 15.7 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampled :

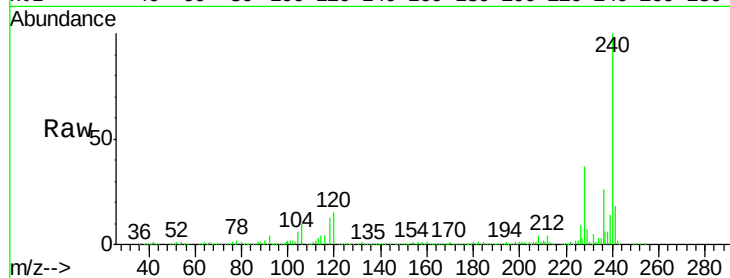
Tot Ion:240 Resp: 320675

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

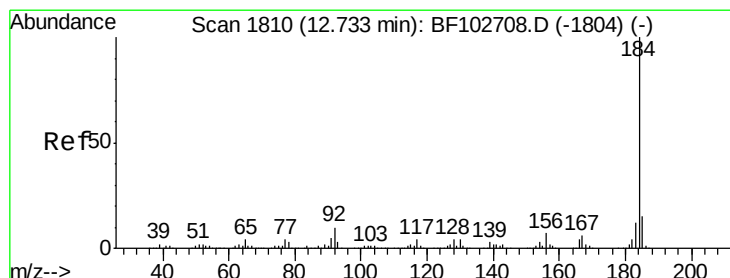
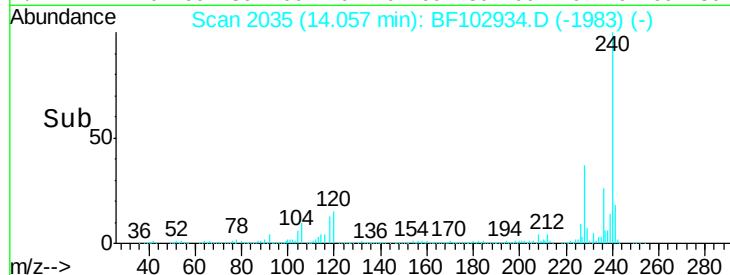
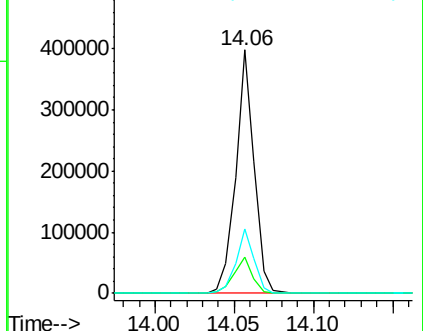
236 26.4 20.7 31.1



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



#76

Benzidine

Concen: 31.30 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

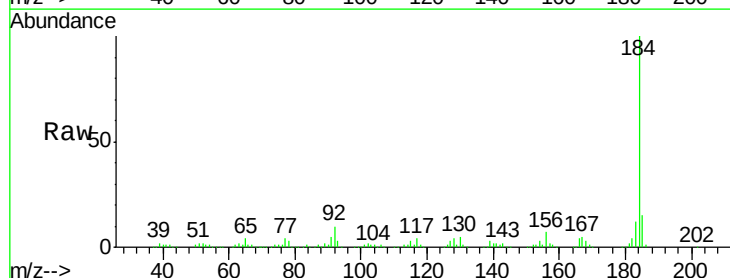
Tgt Ion:184 Resp: 461262

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

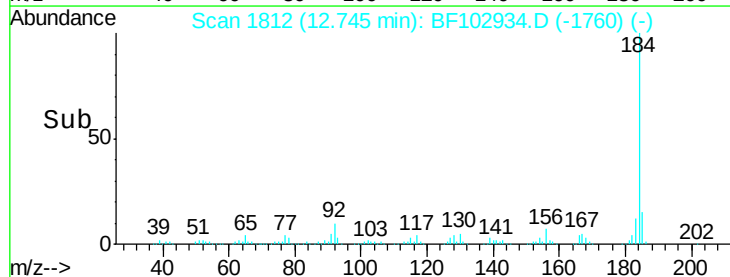
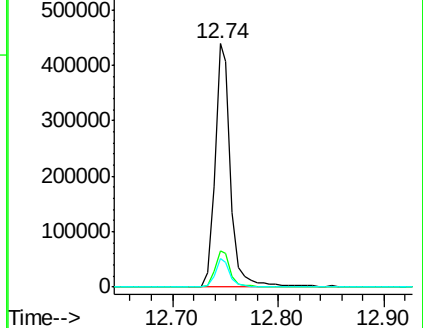
183 11.7 9.3 13.9

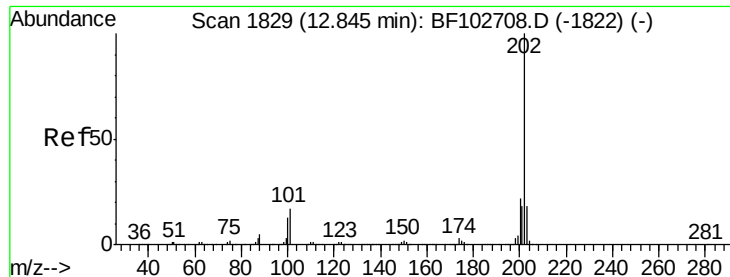


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

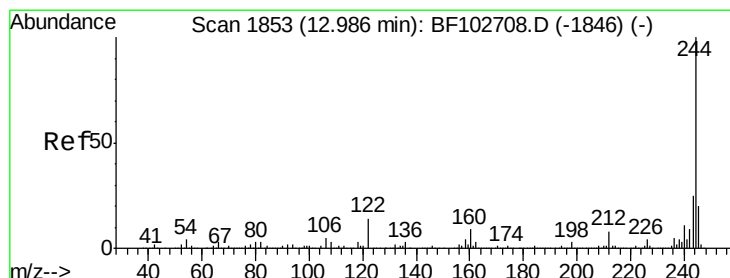
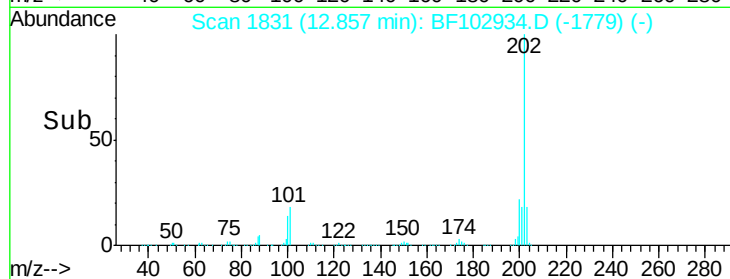
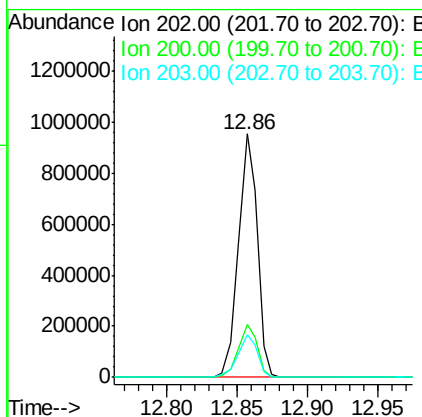
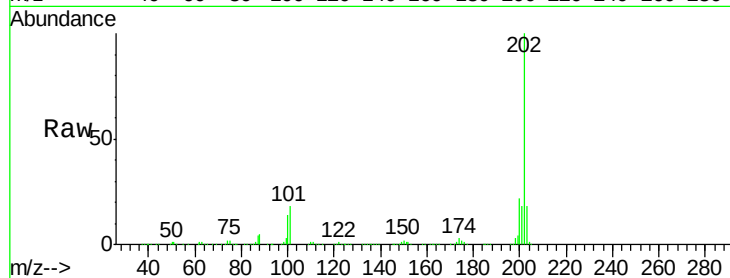




#77
Pvrene
Concen: 35.31 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

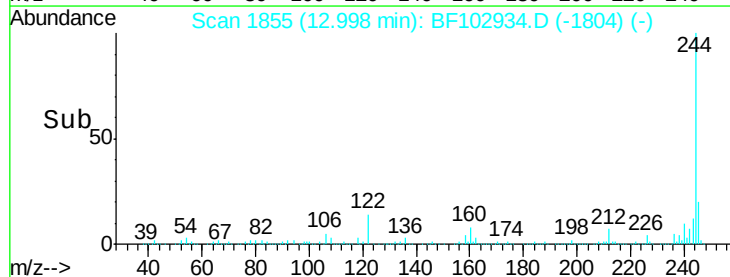
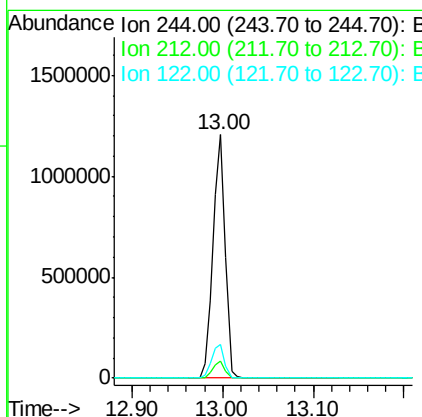
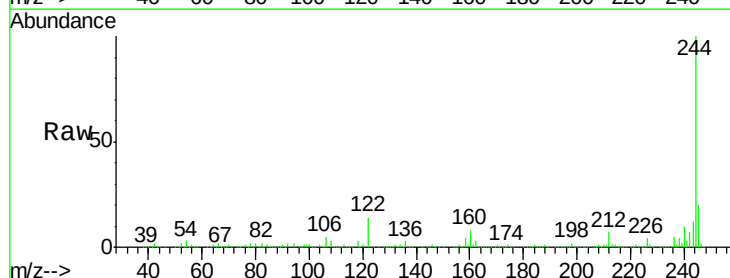
Instrument :
BNA_F
ClientSampleId :

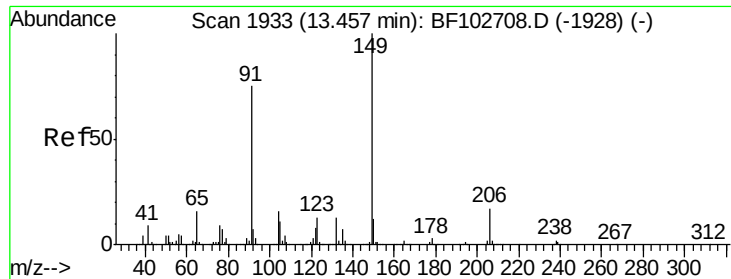
Tot Ion:202 Resp: 887849
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 84.28 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:244 Resp: 1141422
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.0 11.0 16.4

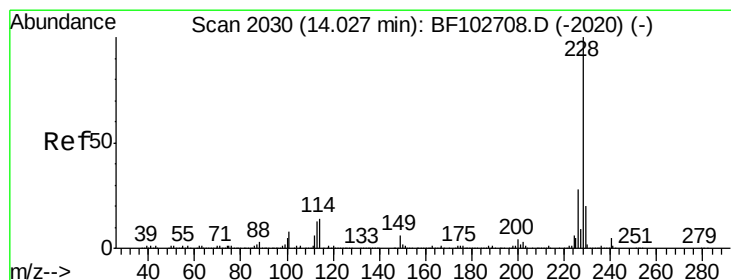
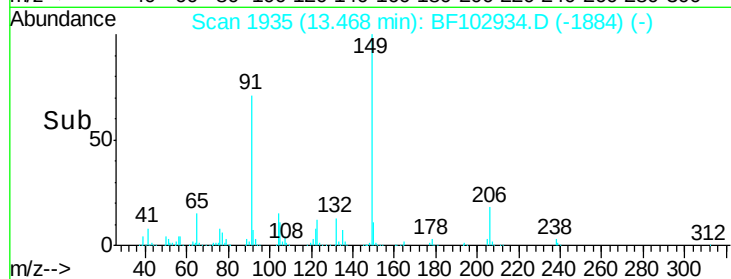
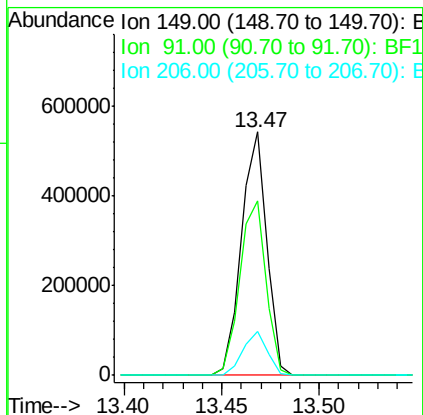
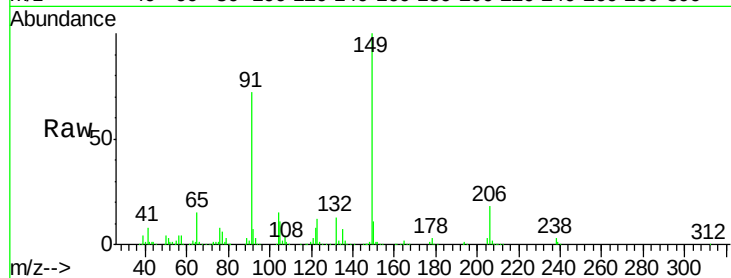




#79
Butylbenzylphthalate
Concen: 40.91 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

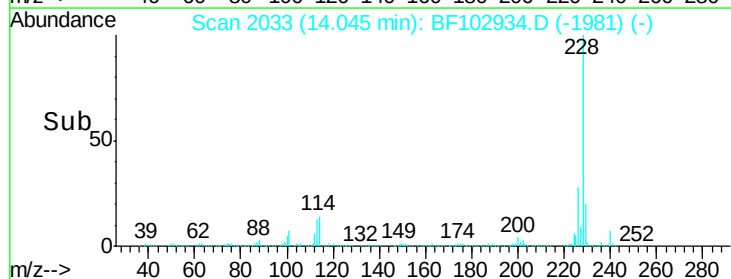
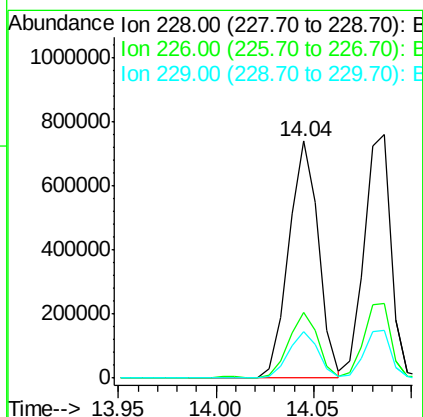
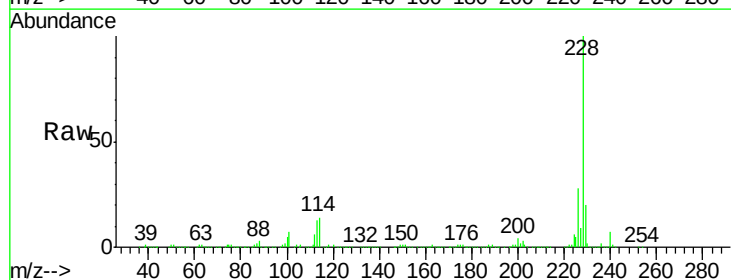
Instrument :
BNA_F
ClientSampleId :

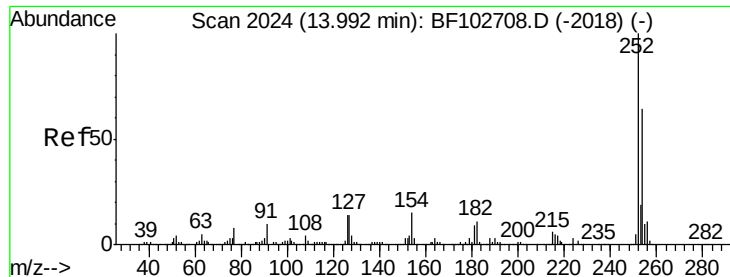
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.8	85.2
206	18.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 38.32 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.5	15.8	23.6

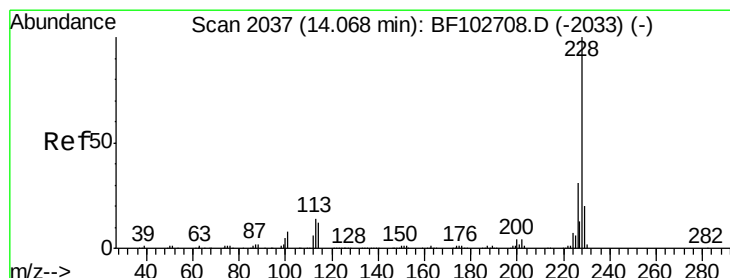
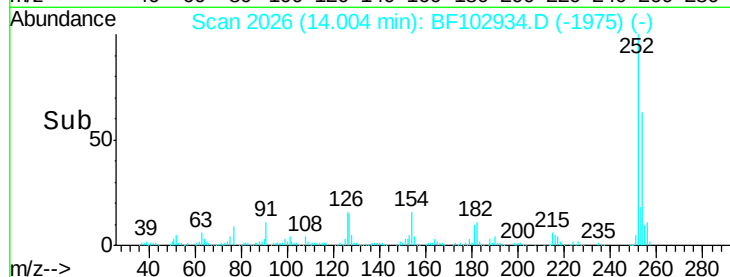
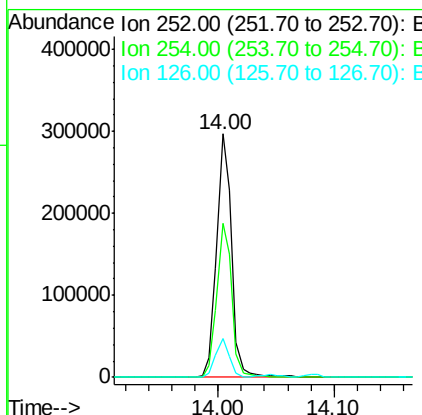
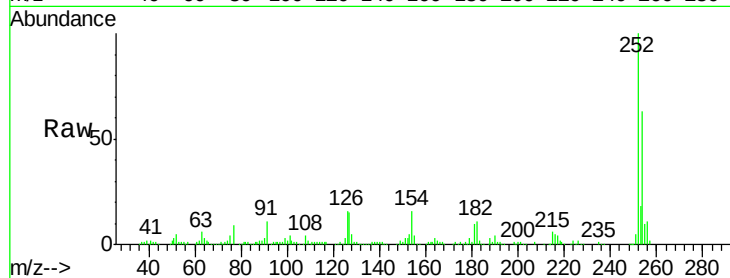




#81
 3,3'-Dichlorobenzidine
 Concen: 35.84 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

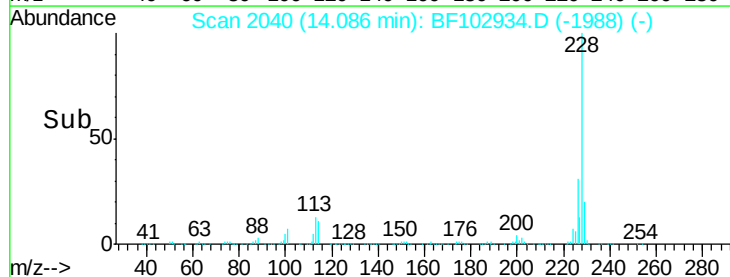
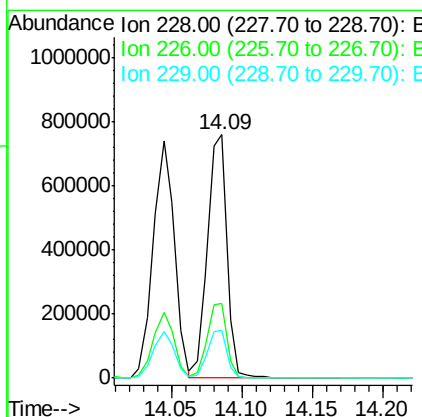
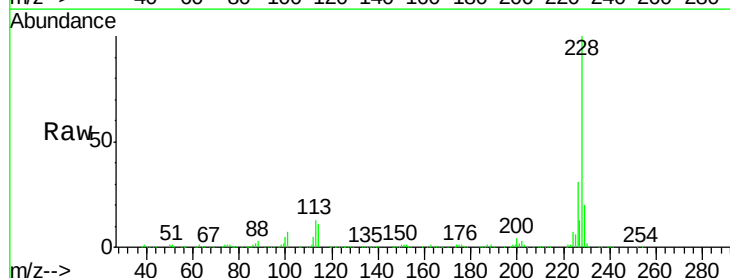
Instrument :
 BNA_F
 ClientSampleId :

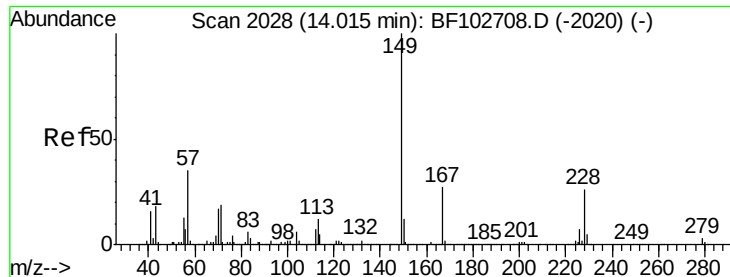
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	15.8	11.3	16.9



#82
 Chrysene
 Concen: 35.97 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.88 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampled :

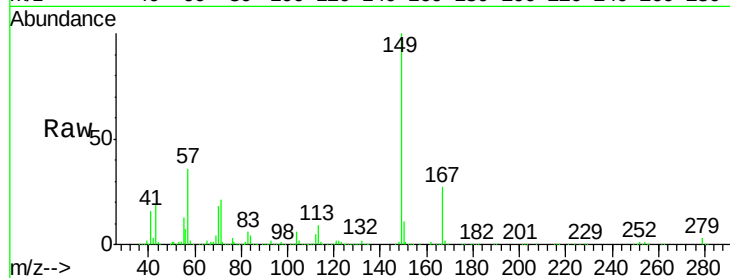
Tot Ion:149 Resp: 691353

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

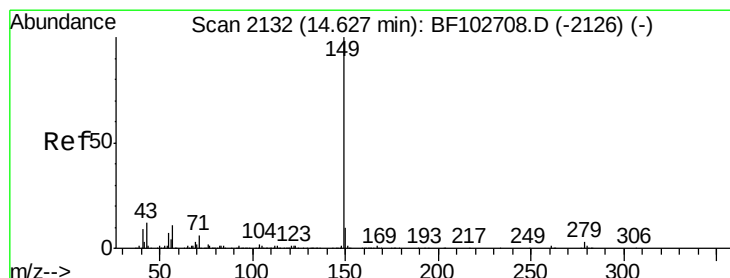
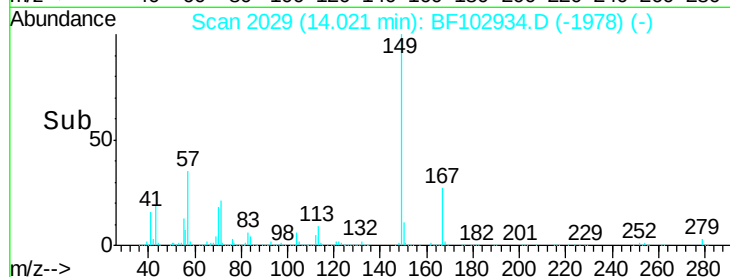
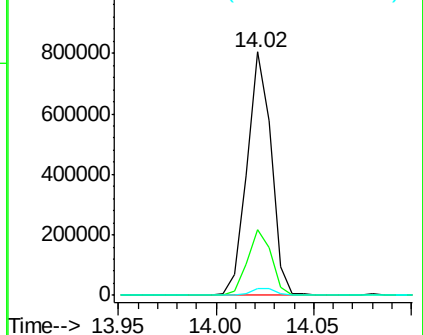
279 2.7 3.0 4.4#



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: 49.69 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

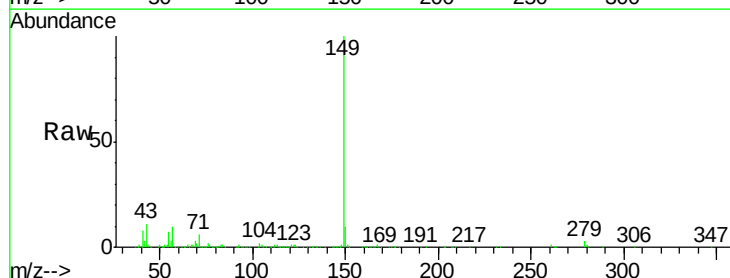
Tgt Ion:149 Resp: 1149380

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

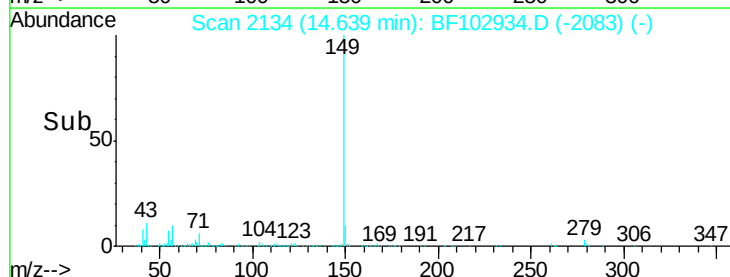
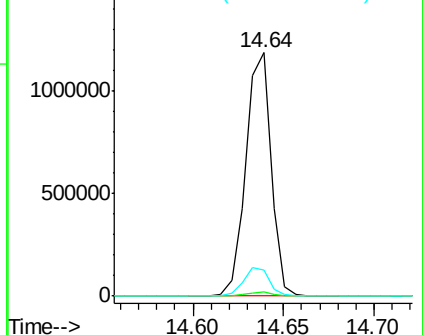
43 11.8 8.4 12.6

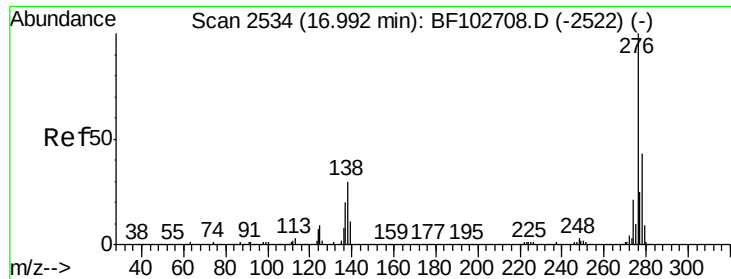


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

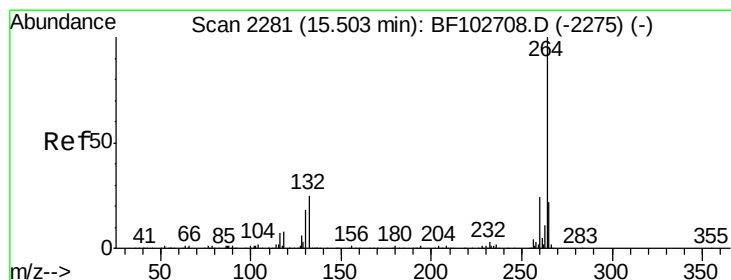
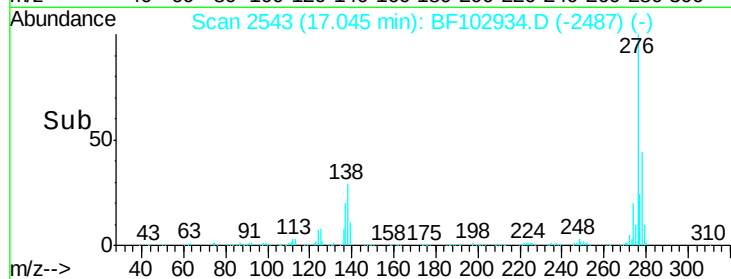
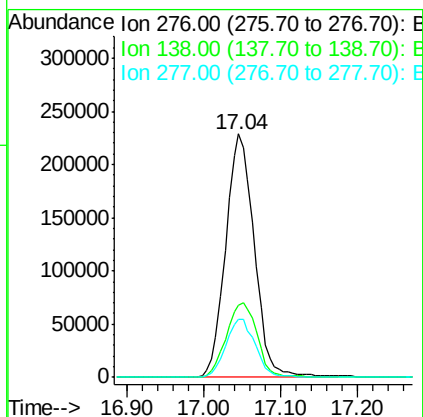
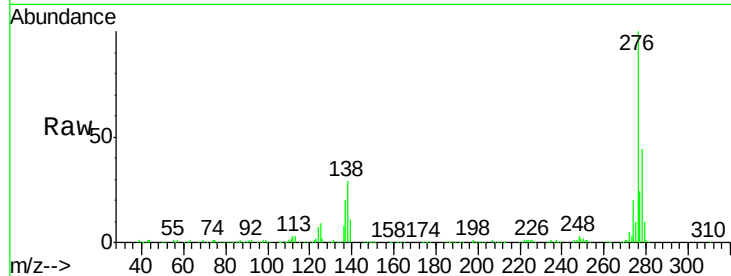




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.18 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.03 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

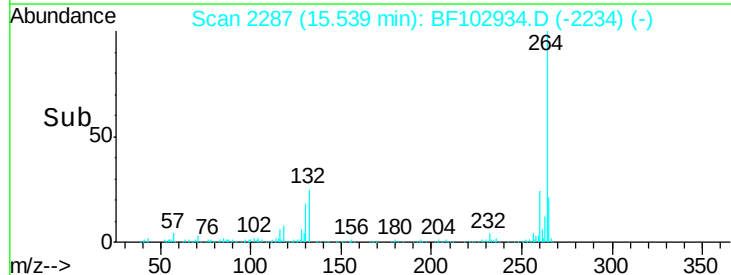
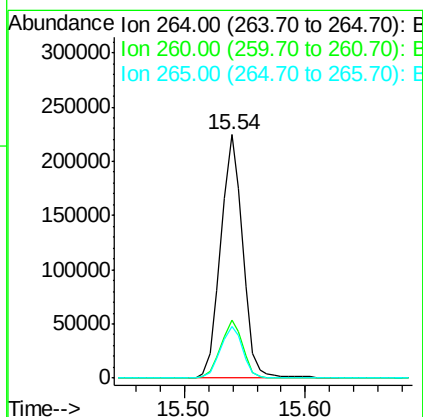
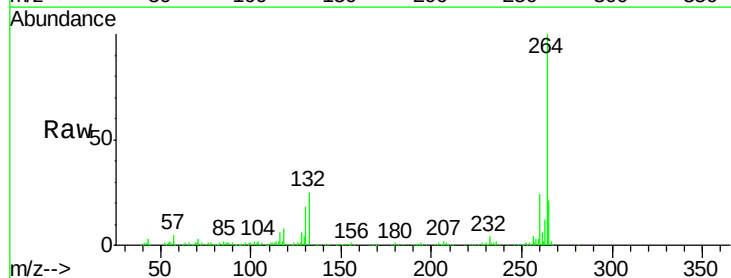
Instrument :
 BNA_F
 ClientSampleId :

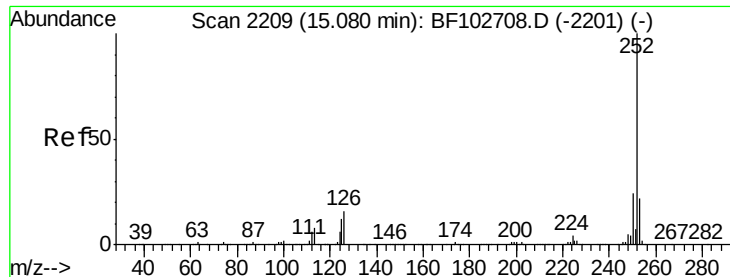
Tot Ion:276 Resp: 593223
 Ion Ratio Lower Upper
 276 100
 138 33.1 25.0 37.6
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:264 Resp: 283499
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 38.63 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

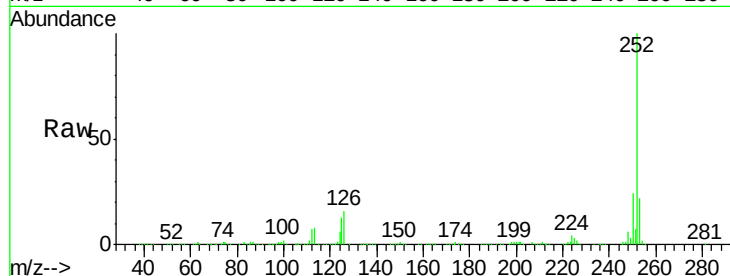
Tot Ion:252 Resp: 710079

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

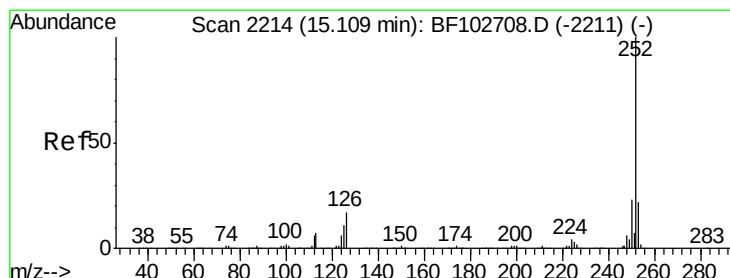
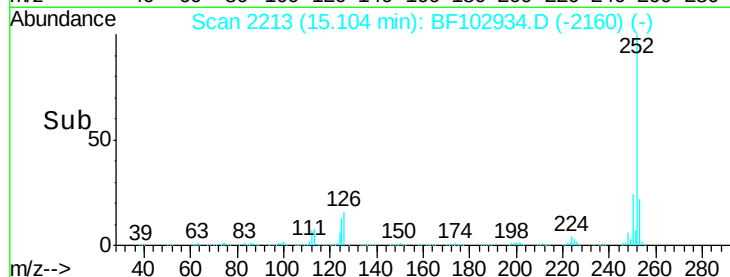
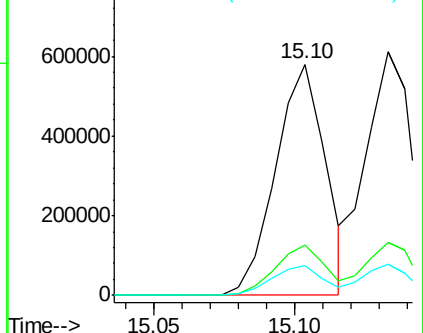
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.56 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

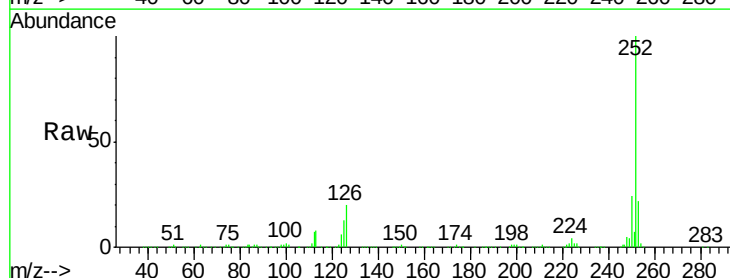
Tgt Ion:252 Resp: 712404

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

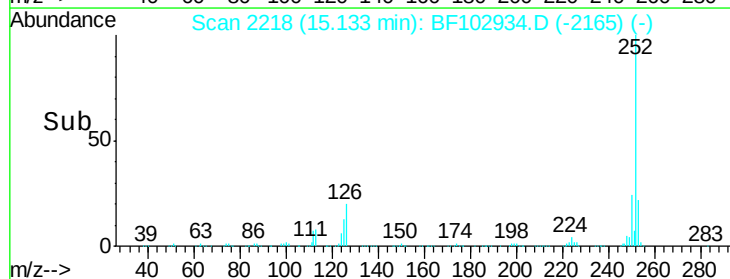
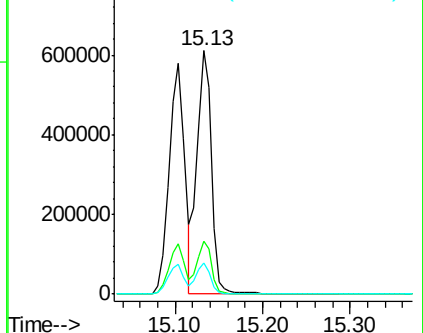
125 13.0 10.2 15.2

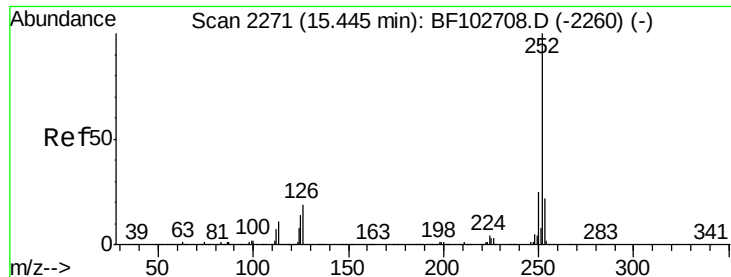


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.83 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

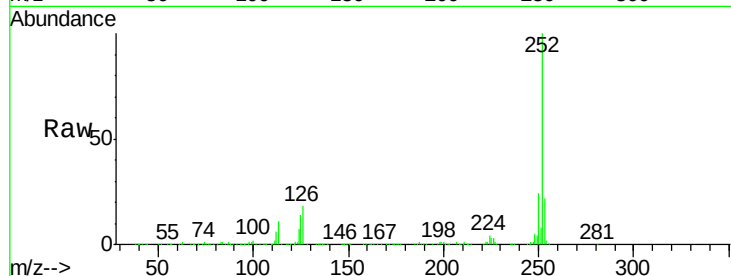
Tot Ion:252 Resp: 642356

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

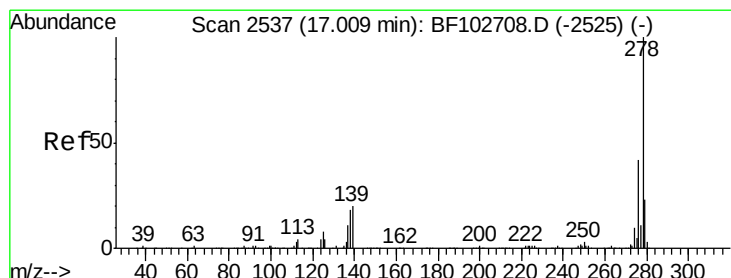
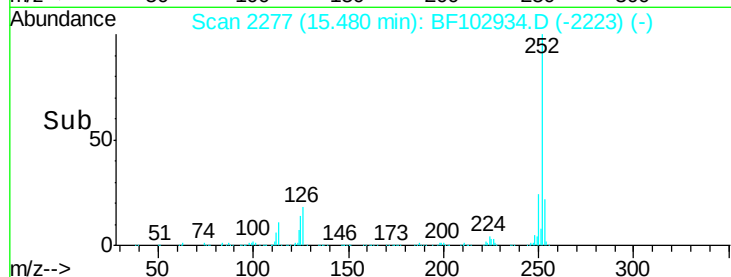
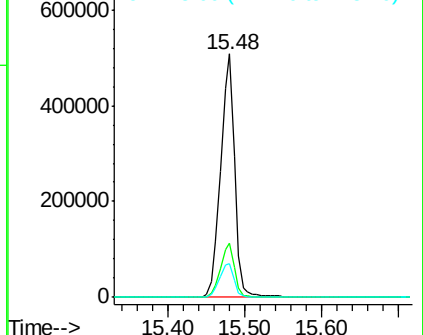
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.09 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

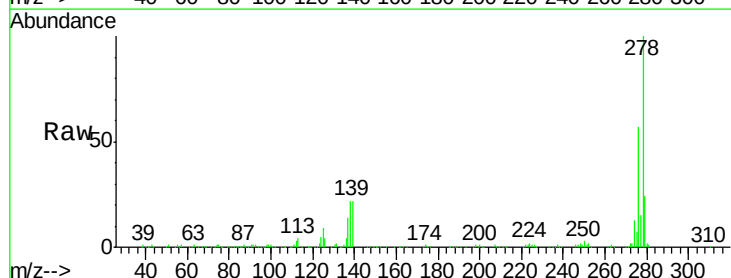
Tgt Ion:278 Resp: 498062

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

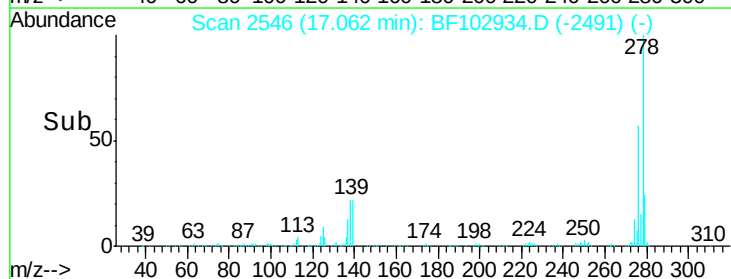
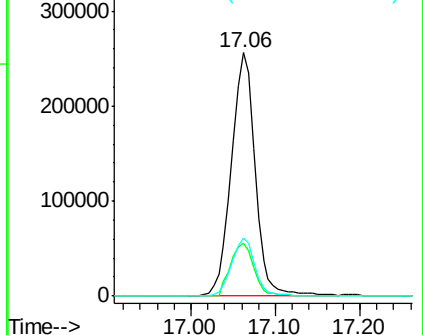
279 23.9 19.0 28.4

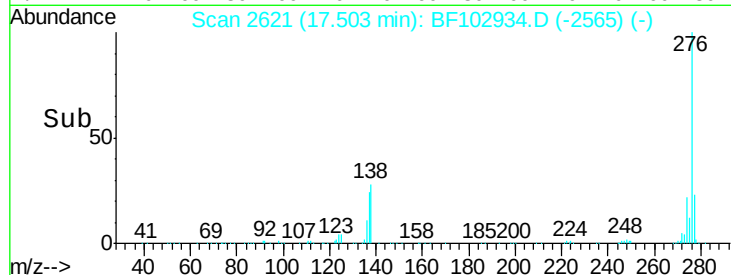
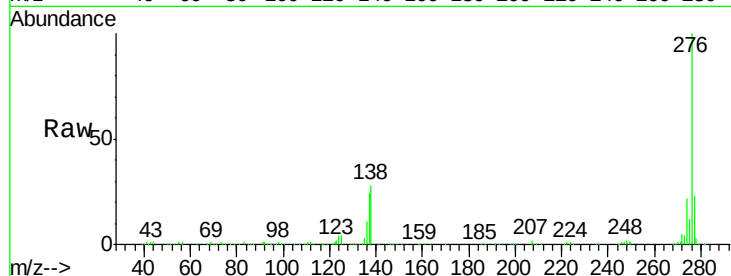
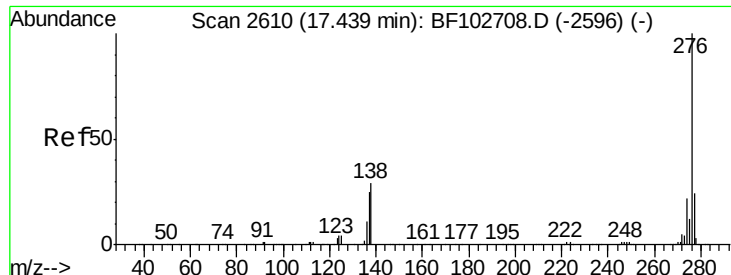


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.97 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	27.8	21.8	32.8

