

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102977.D
 Acq On : 14 Feb 2018 9:39
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:37:05 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157854	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	673173	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	309650	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	553797	20.00	ng	0.00
75) Chrysene-d12	14.05	240	437656	20.00	ng	0.01
86) Perylene-d12	15.52	264	425654	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	812533	78.17	ng	0.00
7) Phenol-d6	6.51	99	980876	78.37	ng	0.01
23) Nitrobenzene-d5	7.45	82	880981	90.79	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	218748	87.77	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1401684	75.11	ng	0.00
78) Terphenyl-d14	12.99	244	1284509	69.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	205603	40.048	ng	89
3) Pyridine	3.42	79	564248	39.780	ng	92
4) n-Nitrosodimethylamine	3.37	42	233237	38.432	ng	98
6) Aniline	6.55	93	715801	38.729	ng	97
8) 2-Chlorophenol	6.66	128	427048	39.907	ng	95
9) Benzaldehyde	6.43	77	316078	34.008	ng	98
10) Phenol	6.52	94	579086	43.175	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	430165	38.543	ng	94
12) 1,3-Dichlorobenzene	6.82	146	476649	38.465	ng	99
13) 1,4-Dichlorobenzene	6.90	146	472851	38.306	ng	98
14) 1,2-Dichlorobenzene	7.05	146	438342	38.125	ng	98
15) Benzyl Alcohol	7.02	79	387107	40.231	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	768302	36.239	ng	98
17) 2-Methylphenol	7.13	107	383340	38.836	ng	99
18) Hexachloroethane	7.39	117	174578	41.243	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	301574	36.547	ng	95
20) 3+4-Methylphenols	7.28	107	456868	37.533	ng	# 88
22) Acetophenone	7.29	105	593245	36.013	ng	# 97
24) Nitrobenzene	7.46	77	484253	42.420	ng	99
25) Isophorone	7.70	82	841989	37.681	ng	98
26) 2-Nitrophenol	7.77	139	244931	51.466	ng	94
27) 2,4-Dimethylphenol	7.81	122	350045	37.080	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	508332	38.403	ng	99
29) 2,4-Dichlorophenol	8.02	162	345517	40.261	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	367429	37.846	ng	100
31) Naphthalene	8.19	128	1234473	37.534	ng	99
32) Benzoic acid	7.94	122	315538	47.511	ng	99
33) 4-Chloroaniline	8.23	127	541955	38.250	ng	99
34) Hexachlorobutadiene	8.30	225	187801	37.750	ng	98
35) Caprolactam	8.61	113	124607	41.809	ng	# 75
36) 4-Chloro-3-methylphenol	8.71	107	388714	40.313	ng	98
37) 2-Methylnaphthalene	8.87	142	806024	37.431	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	324680	38.509	ng	99
40) Hexachlorocyclopentadiene	9.02	237	138358	34.520	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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 Misc :
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Instrument :
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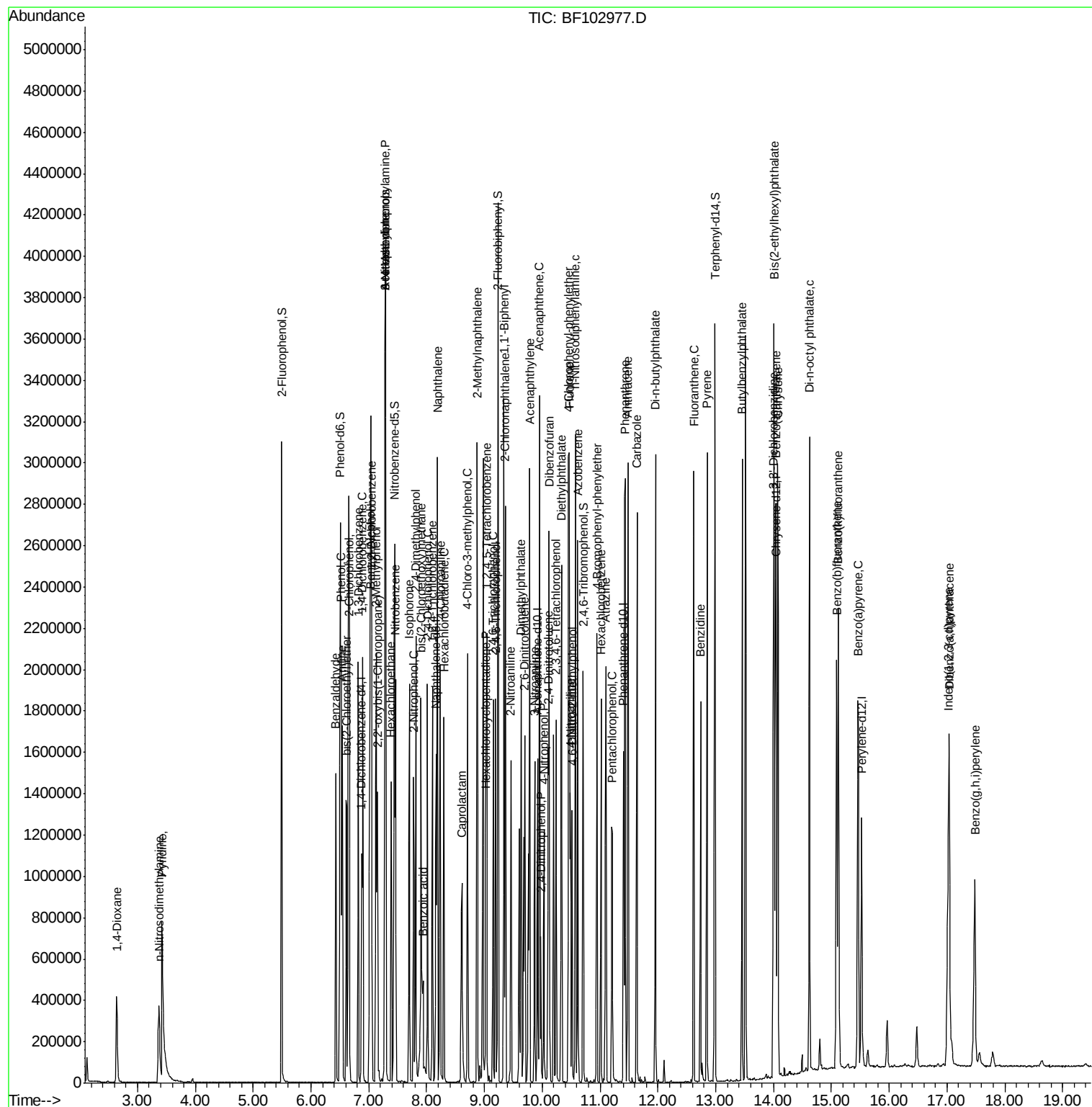
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	228888	41.332	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	258404	41.400	ng	97
45) 1,1'-Biphenyl	9.34	154	969054	37.156	ng	99
46) 2-Chloronaphthalene	9.36	162	772457	37.621	ng	99
47) 2-Nitroaniline	9.46	65	295586	46.750	ng	85
48) Acenaphthylene	9.78	152	1204053	37.755	ng	100
49) Dimethylphthalate	9.64	163	943932	39.096	ng	99
50) 2,6-Dinitrotoluene	9.70	165	208242	45.335	ng	96
51) Acenaphthene	9.95	154	700670	36.739	ng	99
52) 3-Nitroaniline	9.87	138	258163	45.676	ng	96
53) 2,4-Dinitrophenol	9.98	184	79556	61.723	ng	# 21
54) Dibenzofuran	10.12	168	1010733	37.606	ng	97
55) 4-Nitrophenol	10.03	139	184546	41.758	ng	91
56) 2,4-Dinitrotoluene	10.10	165	278291	45.354	ng	93
57) Fluorene	10.47	166	780552	39.915	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179525	41.499	ng	98
59) Diethylphthalate	10.33	149	921963	38.673	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	343676	39.728	ng	97
61) 4-Nitroaniline	10.49	138	262459	48.785	ng	95
62) Azobenzene	10.62	77	926192	38.889	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	137334	56.280	ng	93
65) n-Nitrosodiphenylamine	10.57	169	727384	37.237	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	219257	37.428	ng	96
67) Hexachlorobenzene	11.02	284	243304	37.648	ng	93
68) Atrazine	11.10	200	223554	38.793	ng	95
69) Pentachlorophenol	11.21	266	141314	37.250	ng	97
70) Phenanthrene	11.43	178	1144639	37.112	ng	99
71) Anthracene	11.48	178	1157514	36.899	ng	100
72) Carbazole	11.64	167	1167856	38.000	ng	99
73) Di-n-butylphthalate	11.96	149	1501547	40.221	ng	99
74) Fluoranthene	12.62	202	1180282	38.035	ng	99
76) Benzidine	12.74	184	661185	32.871	ng	100
77) Pyrene	12.85	202	1242596	36.207	ng	99
79) Butylbenzylphthalate	13.46	149	673763	41.191	ng	99
80) Benzo(a)anthracene	14.04	228	1074824	39.050	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	405995	39.782	ng	98
82) Chrysene	14.07	228	1029616	37.109	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	925812	44.037	ng	99
84) Di-n-octyl phthalate	14.62	149	1467611	46.492	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	918100	39.897	ng	98
87) Benzo(b)fluoranthene	15.09	252	1030586	37.345	ng	97
88) Benzo(k)fluoranthene	15.12	252	999459	37.904	ng	99
89) Benzo(a)pyrene	15.46	252	958535	38.588	ng	98
90) Dibenzo(a,h)anthracene	17.04	278	763080	37.847	ng	100
91) Benzo(g,h,i)perylene	17.49	276	759041	38.463	ng	99

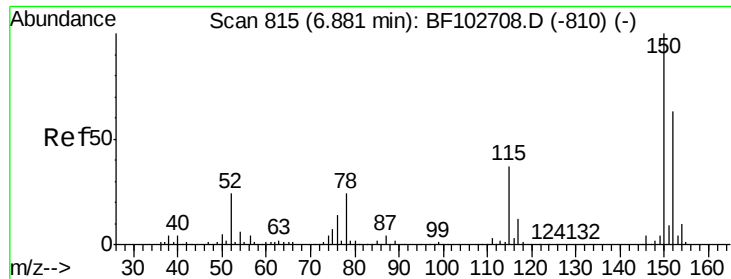
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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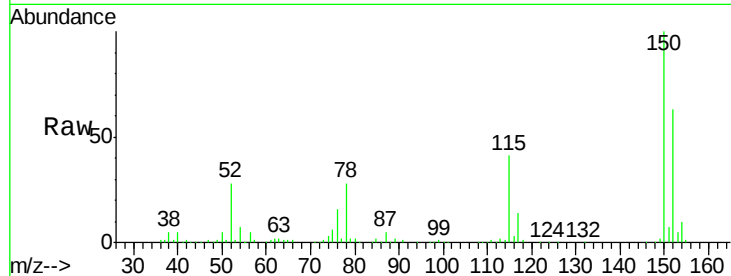


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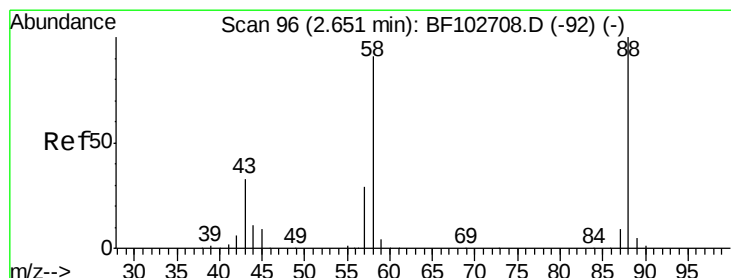
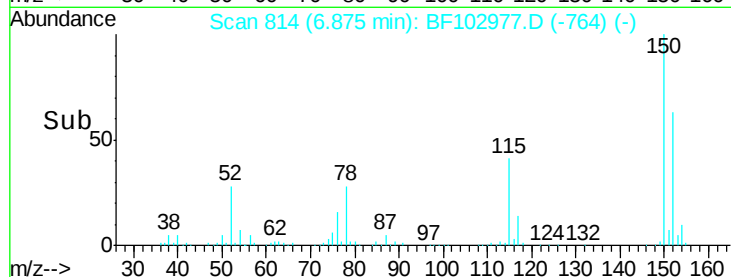
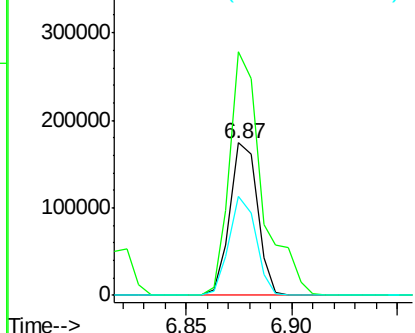
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157854
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 64.7 50.1 75.1



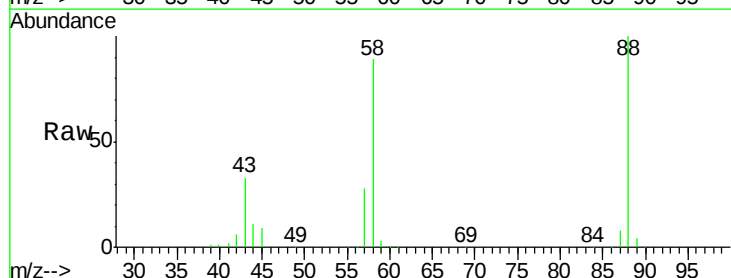
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



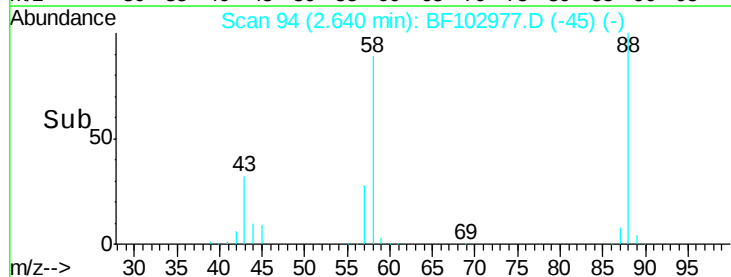
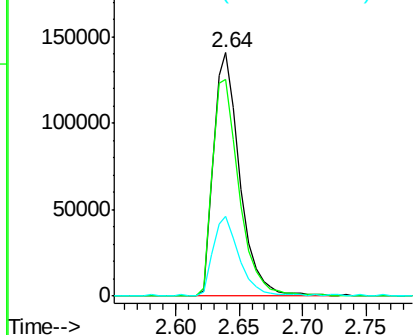
#2

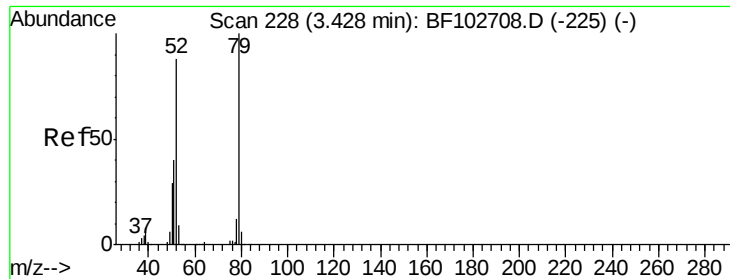
1,4-Dioxane
Concen: 40.048 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion: 88 Resp: 205603
Ion Ratio Lower Upper
88 100
58 90.9 62.6 93.8
43 31.9 24.6 37.0



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





#3

Pvridine

Concen: 39.780 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

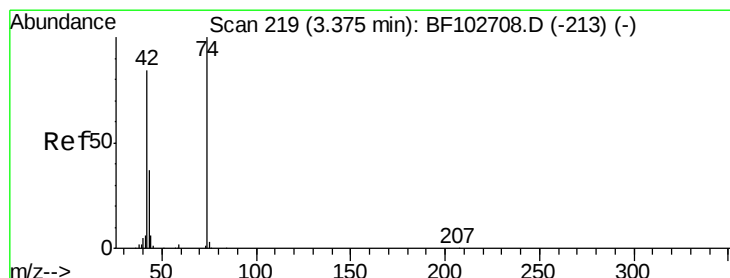
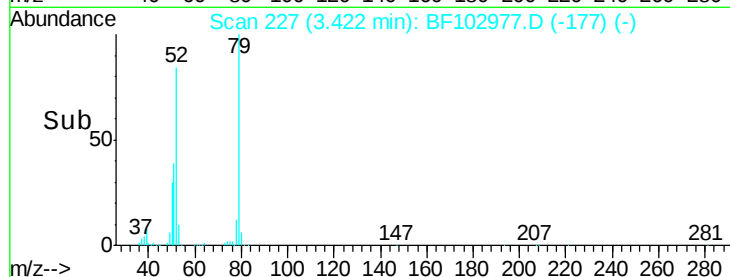
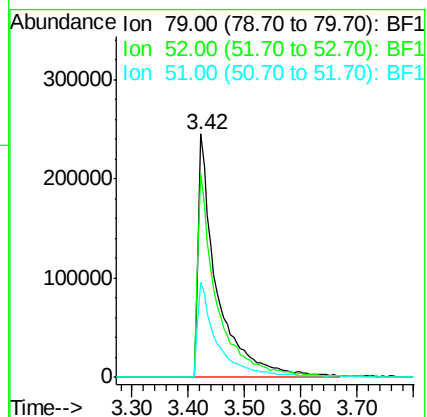
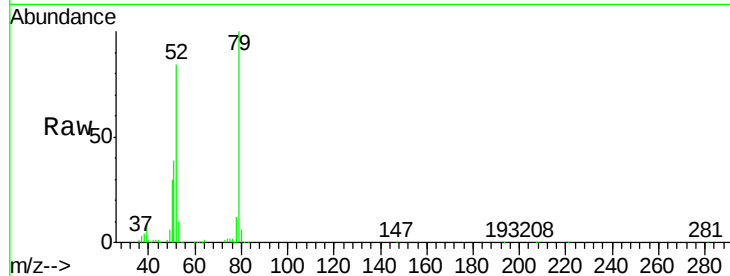
Tot Ion: 79 Resp: 564248

Ion Ratio Lower Upper

79 100

52 83.7 59.8 89.6

51 39.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.432 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

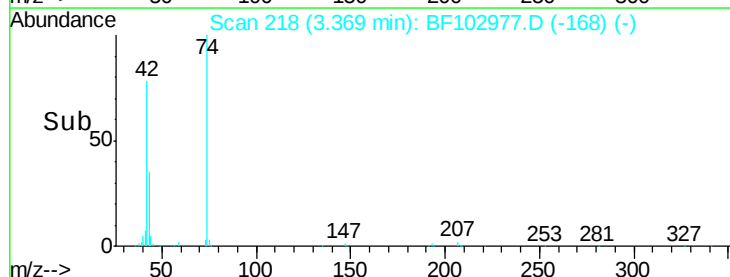
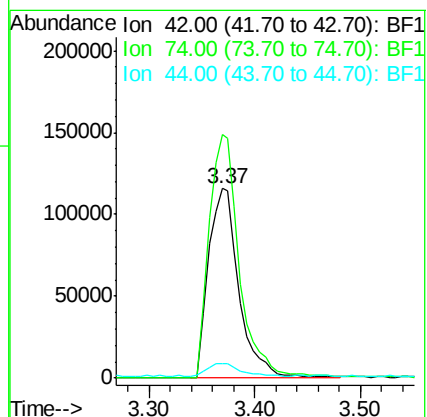
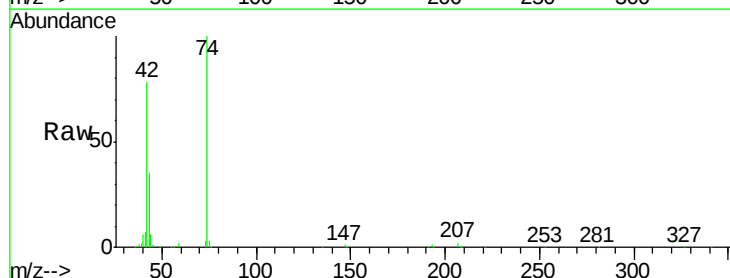
Tgt Ion: 42 Resp: 233237

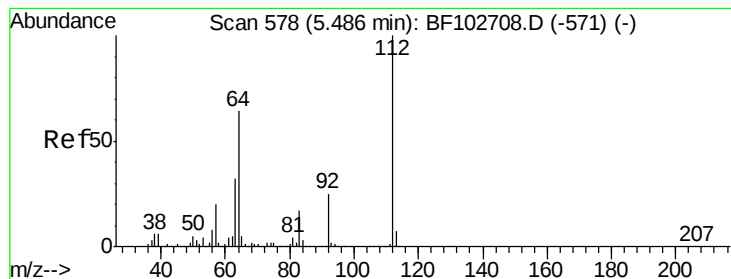
Ion Ratio Lower Upper

42 100

74 128.6 104.9 157.3

44 7.6 6.9 10.3

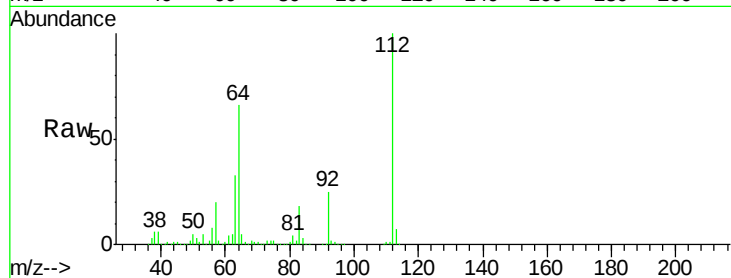




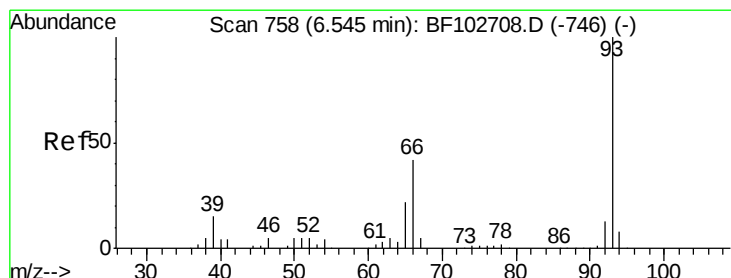
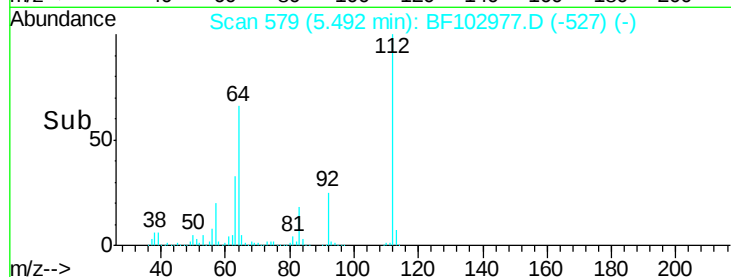
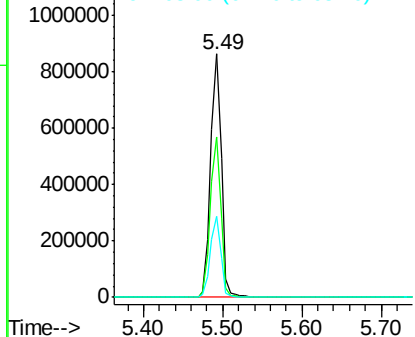
#5
2-Fluorophenol
Concen: 78.171 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	33.1	23.7	35.5

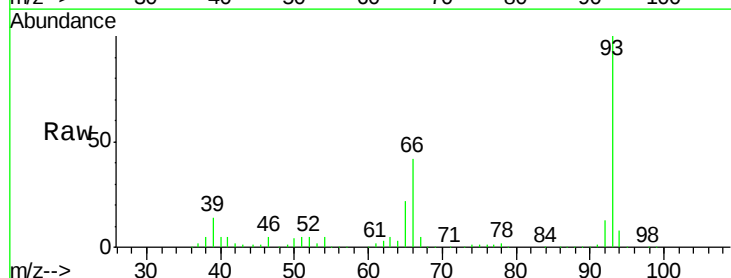


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

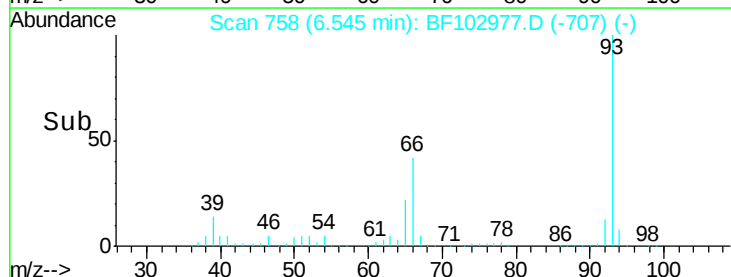
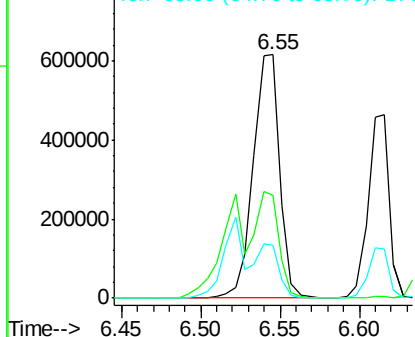


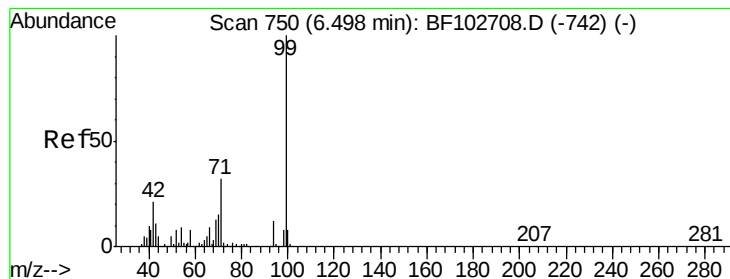
#6
Aniline
Concen: 38.729 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.4	32.2	48.2
65	21.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.374 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampled :

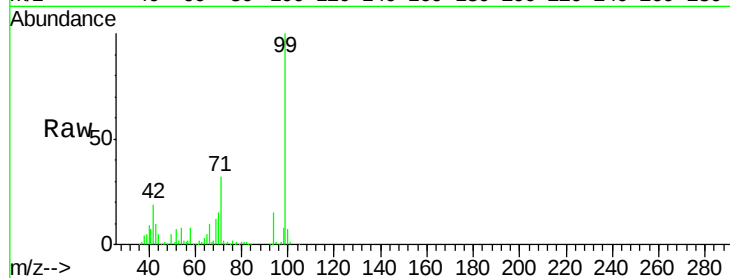
Tot Ion: 99 Resp: 980876

Ion Ratio Lower Upper

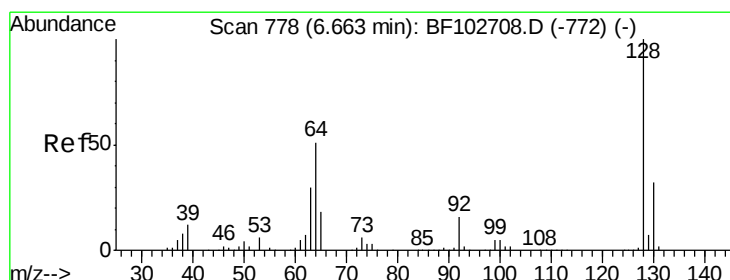
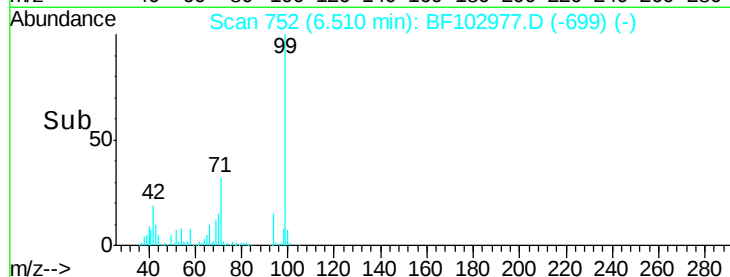
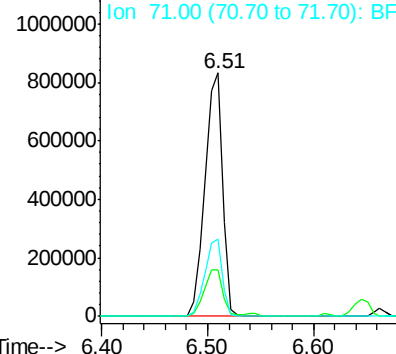
99 100

42 18.9 14.5 21.7

71 31.5 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: 39.907 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

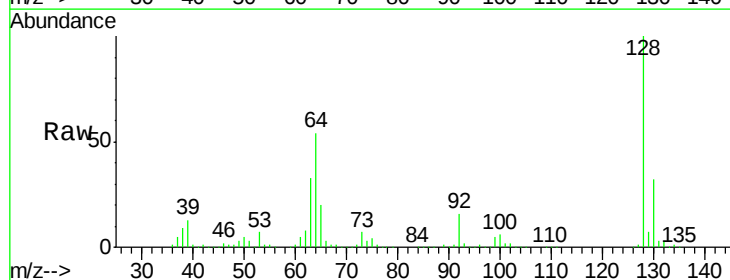
Tgt Ion: 128 Resp: 427048

Ion Ratio Lower Upper

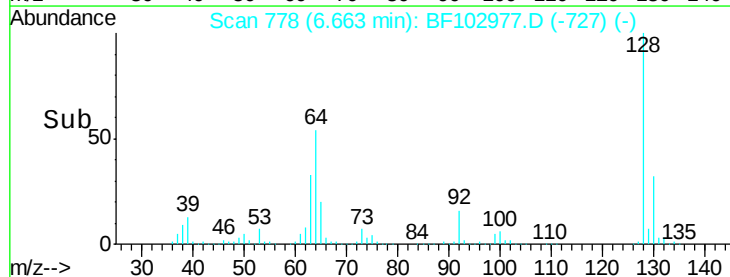
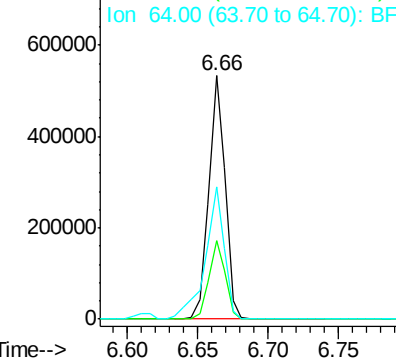
128 100

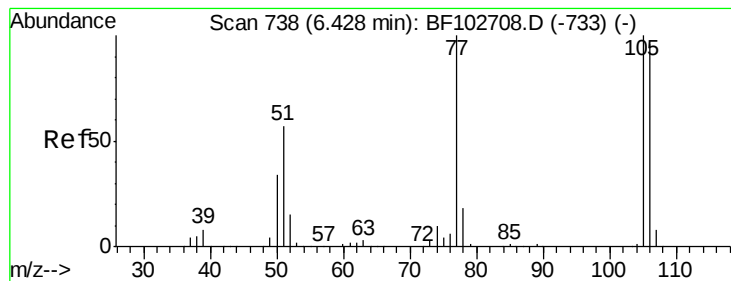
130 32.0 13.0 53.0

64 54.5 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: 34.008 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

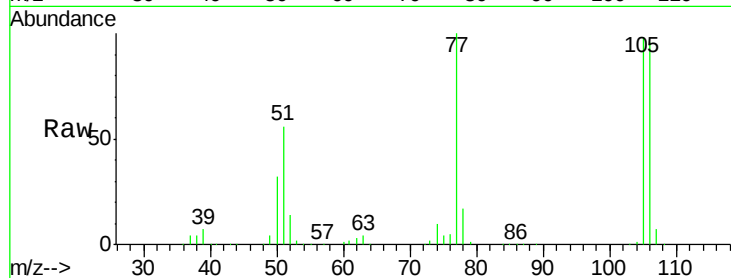
Tot Ion: 77 Resp: 316078

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

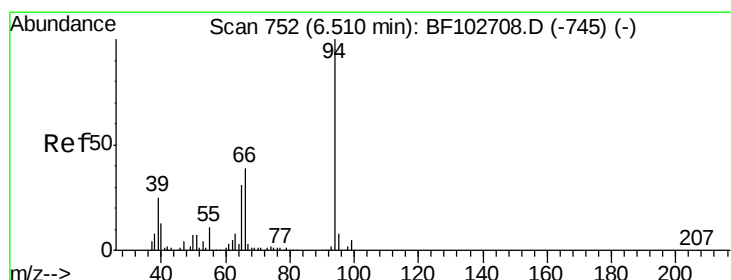
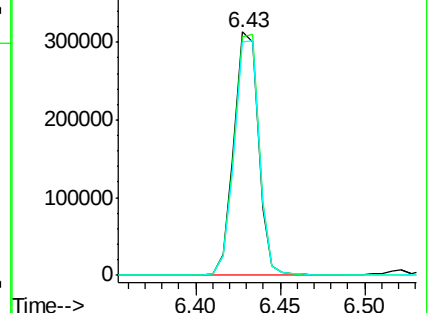
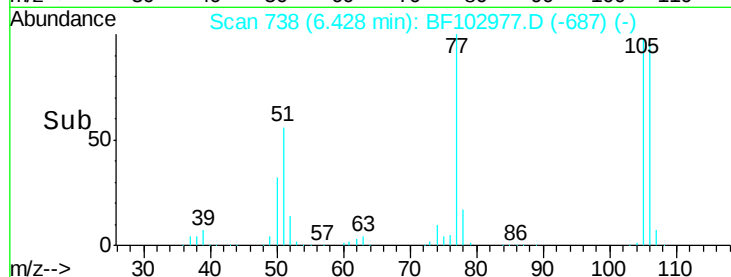
106 96.0 74.5 114.5



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: 43.175 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

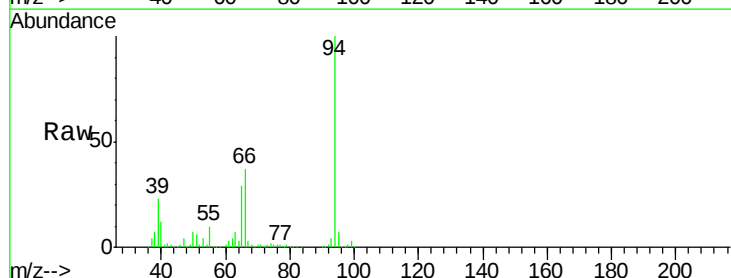
Tgt Ion: 94 Resp: 579086

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

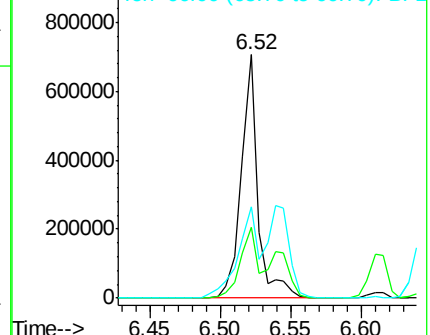
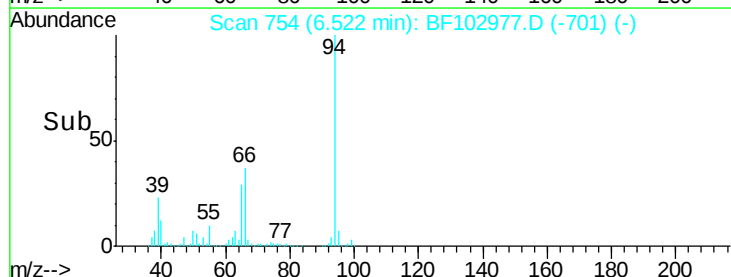
66 37.4 16.2 56.2



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

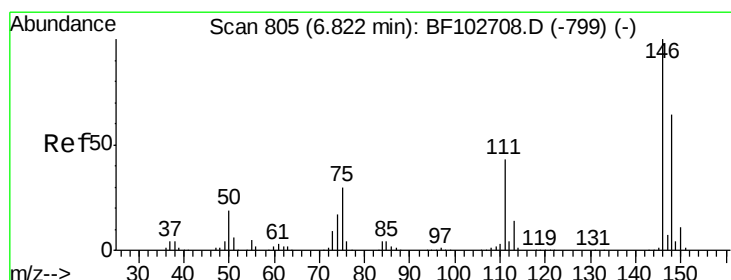
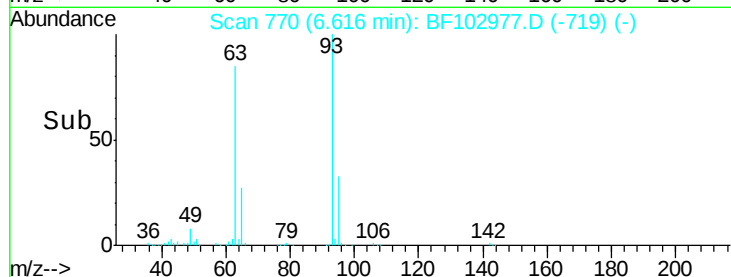
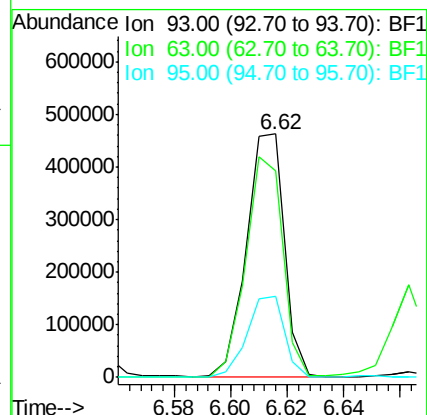
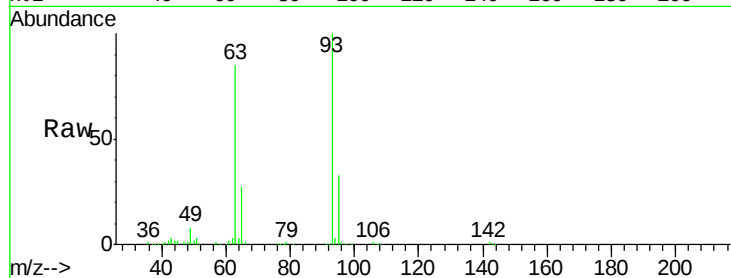




#11
 bis(2-Chloroethyl)ether
 Concen: 38.543 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

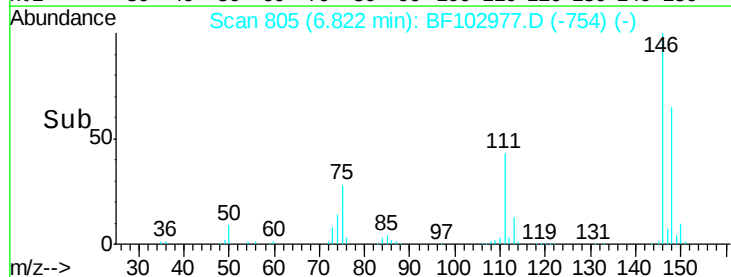
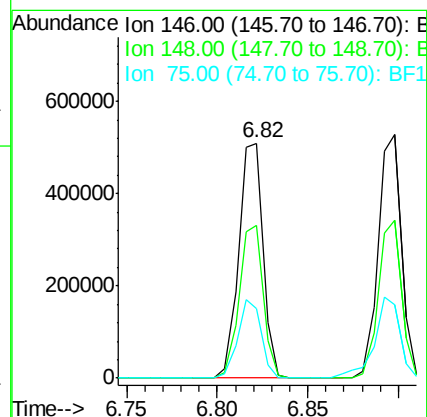
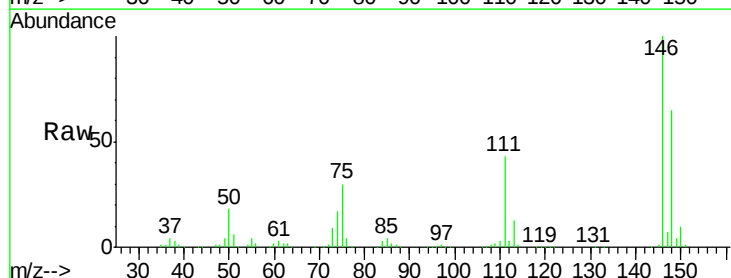
Instrument :
 BNA_F
 ClientSampleId :

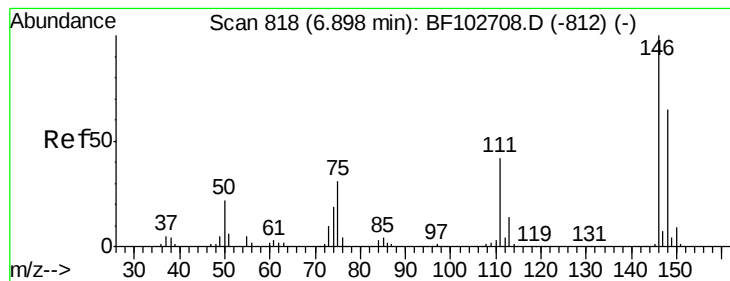
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	58.6	98.6
95	33.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.465 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	29.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.306 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampled :

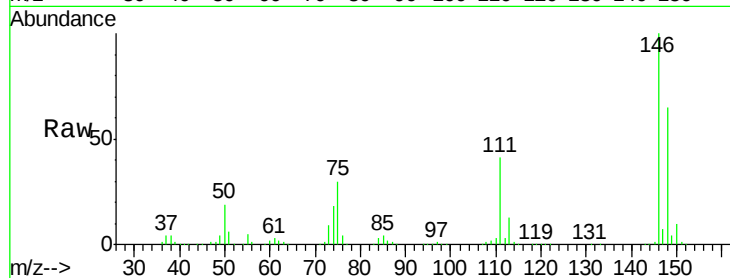
Tot Ion:146 Resp: 472851

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

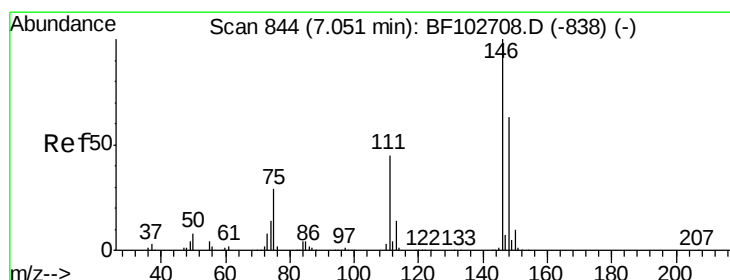
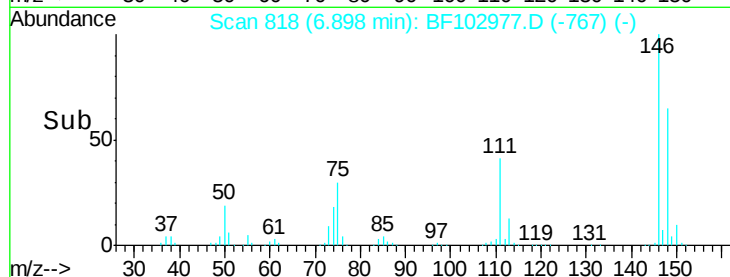
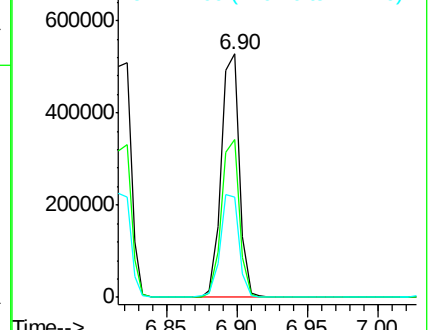
111 41.3 34.2 51.2



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: 38.125 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

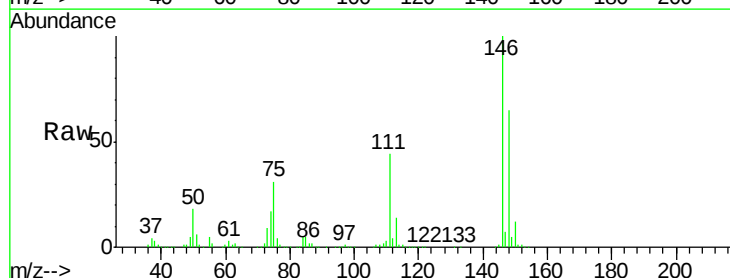
Tgt Ion:146 Resp: 438342

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

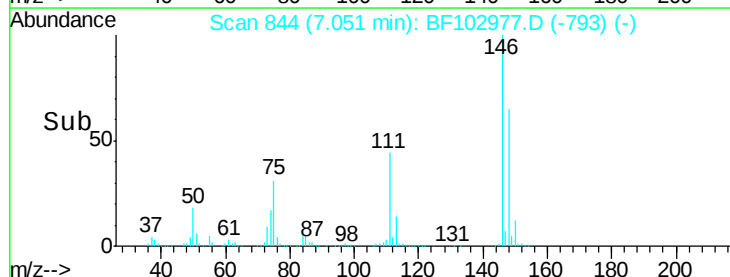
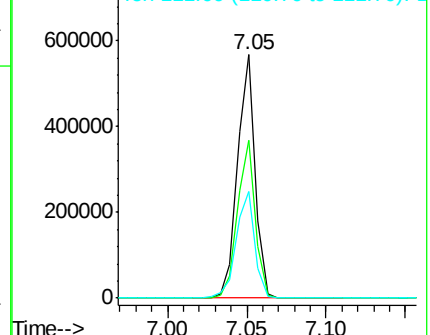
111 44.0 36.0 54.0

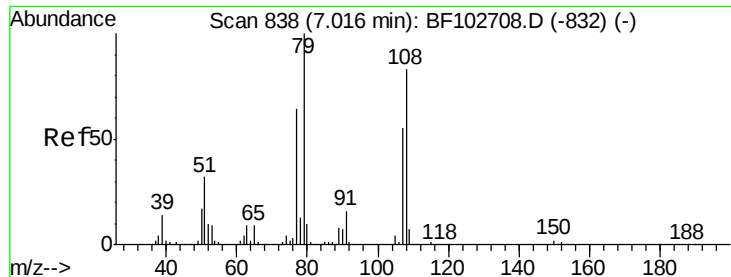


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.231 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampled :

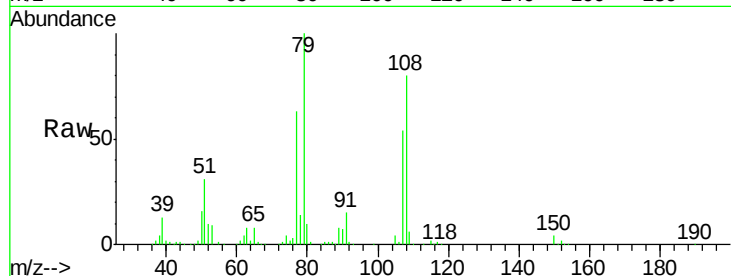
Tot Ion: 79 Resp: 387107

Ion Ratio Lower Upper

79 100

108 80.5 65.1 97.7

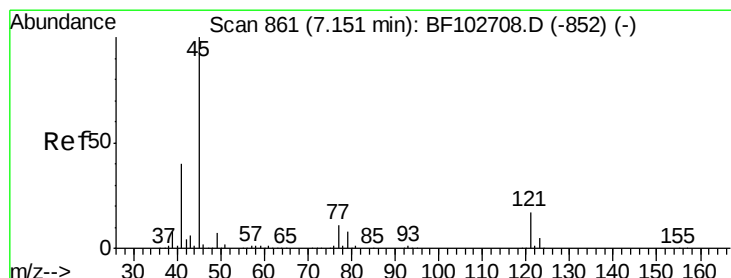
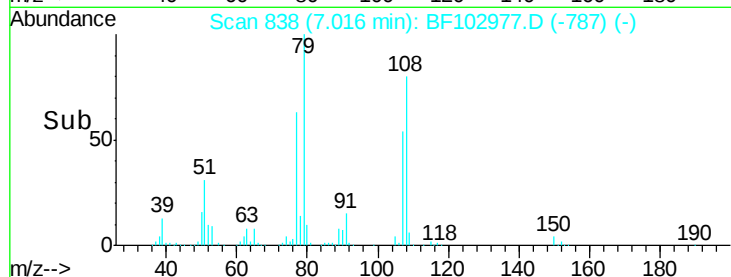
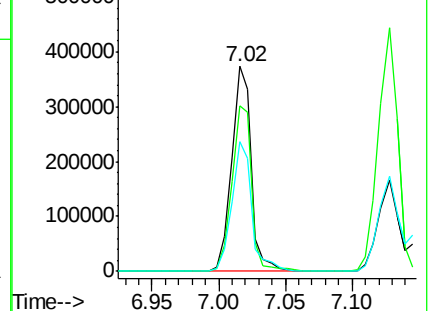
77 63.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.239 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

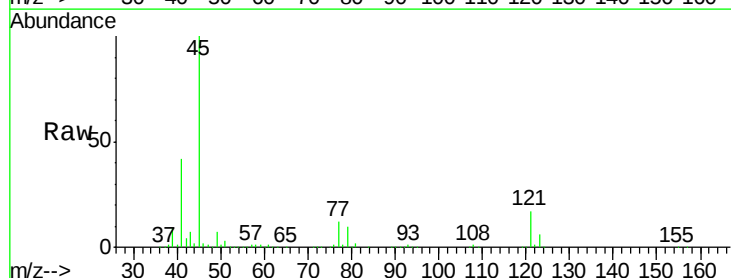
Tgt Ion: 45 Resp: 768302

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

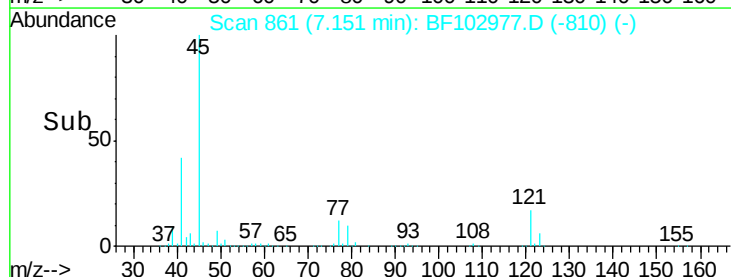
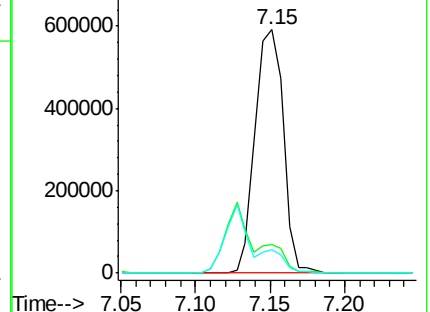
79 9.6 0.0 29.6

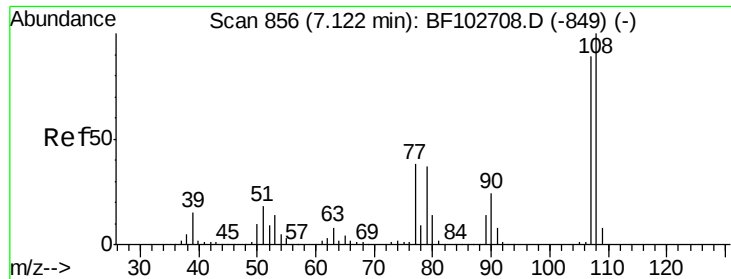


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

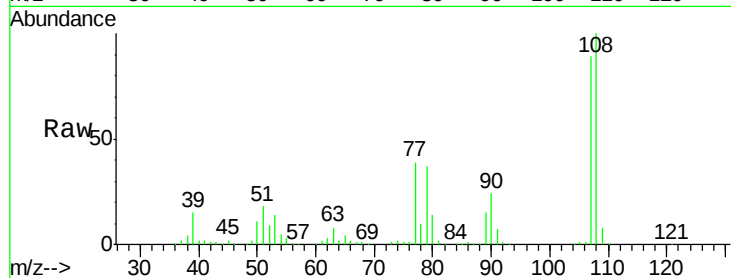




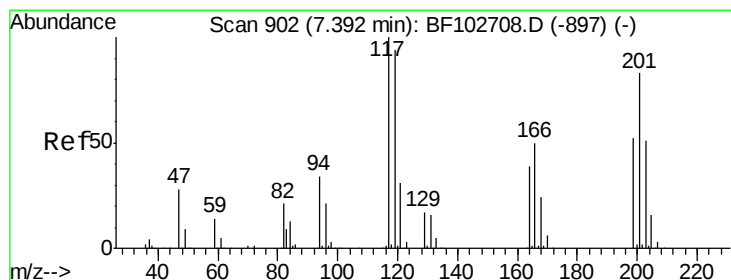
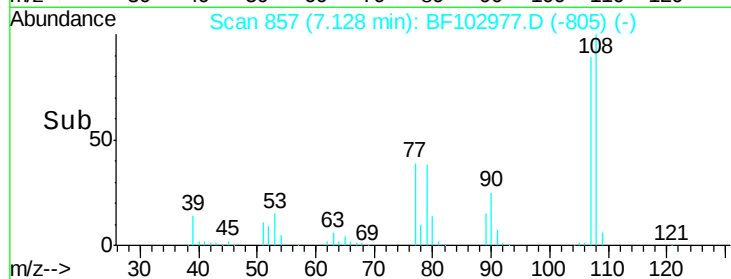
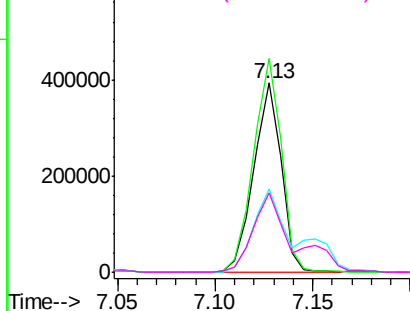
#17
2-Methylphenol
Concen: 38.836 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 383340
Ion Ratio Lower Upper
107 100
108 112.9 91.7 137.5
77 43.9 33.8 50.8
79 42.2 33.8 50.8

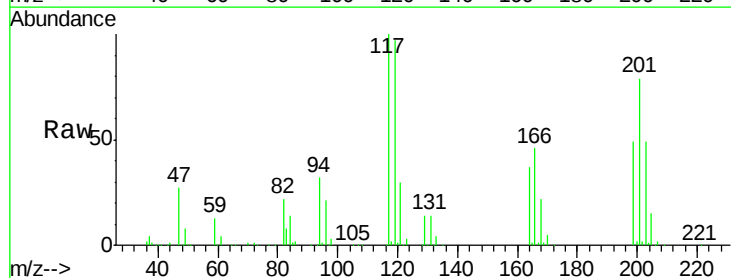


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

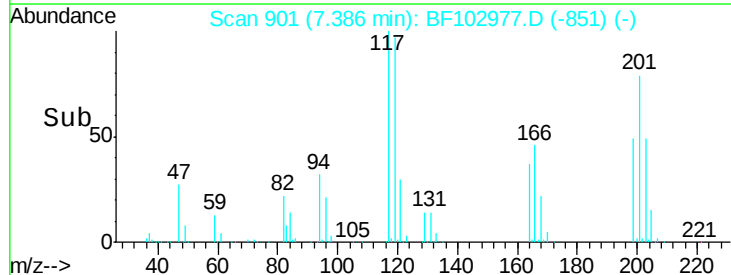
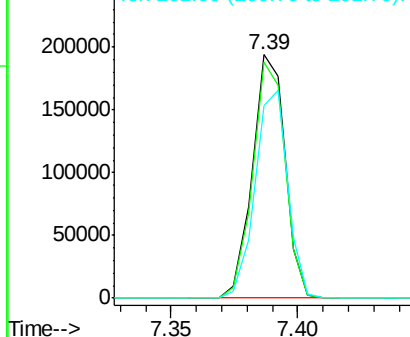


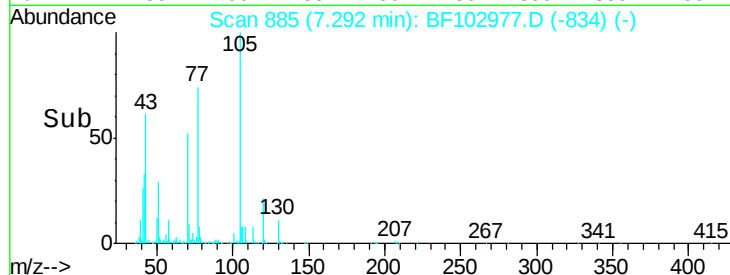
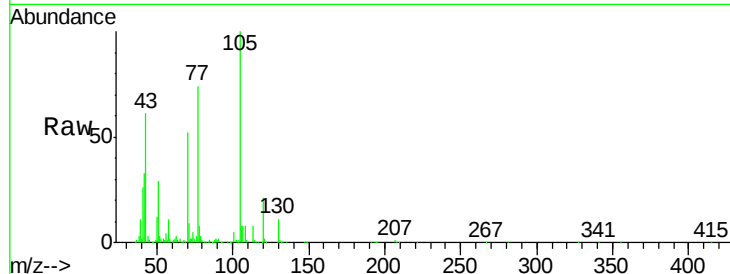
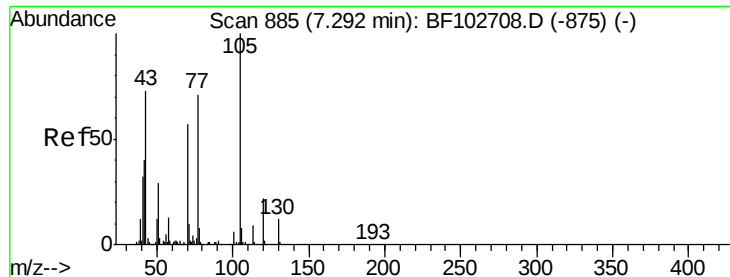
#18
Hexachloroethane
Concen: 41.243 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:117 Resp: 174578
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 79.1 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

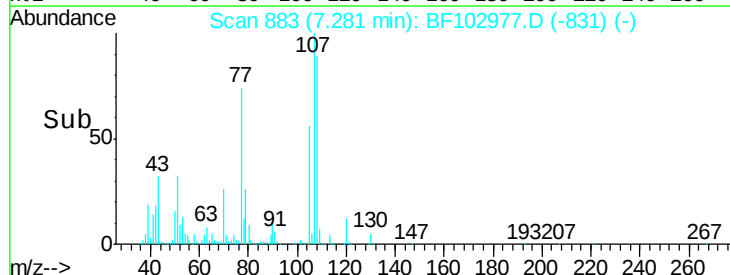
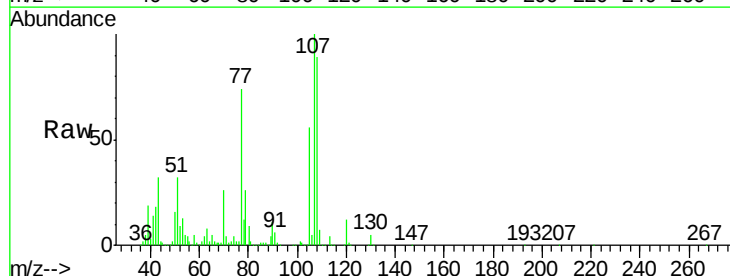
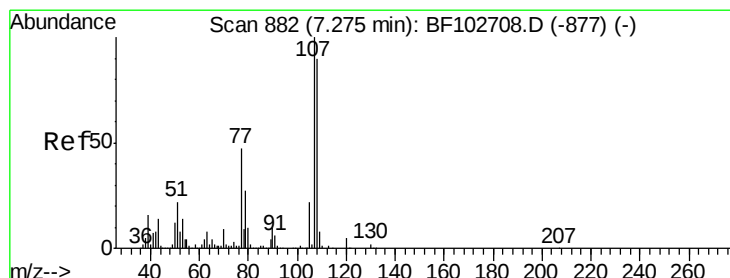
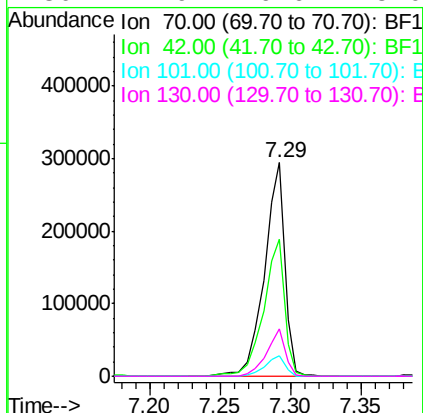




#19
n-Nitroso-di-n-propylamine
Concen: 36.547 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

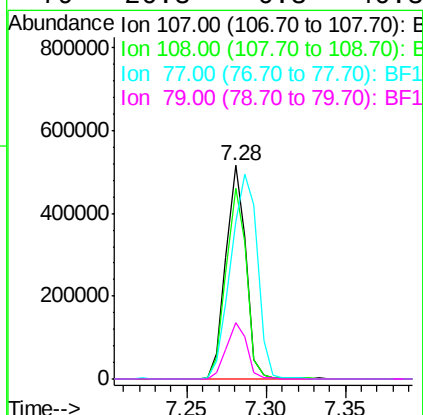
Instrument :
BNA_F
ClientSampleId :

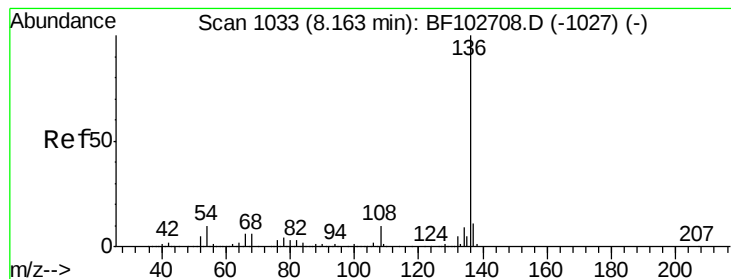
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.5	71.3
101	9.5	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.533 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	73.7	26.7	66.7#
79	26.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 673173

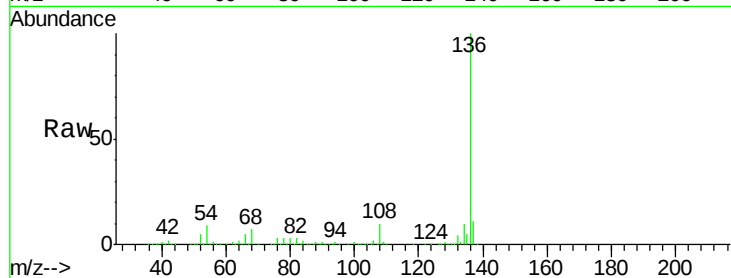
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

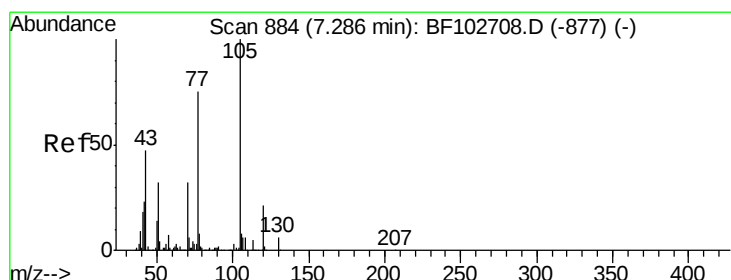
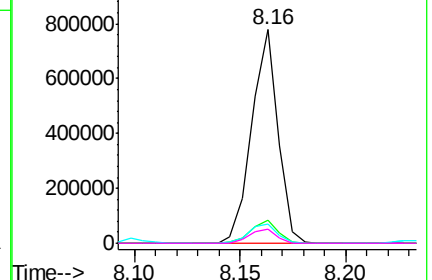
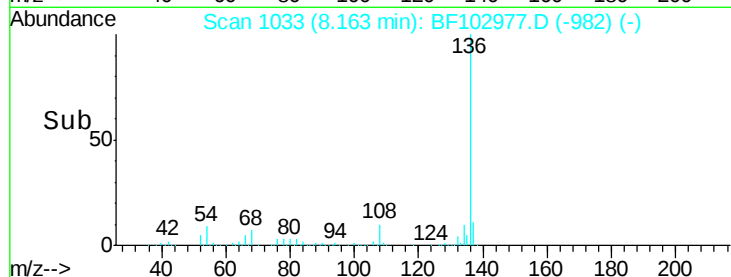


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.013 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Tgt Ion:105 Resp: 593245

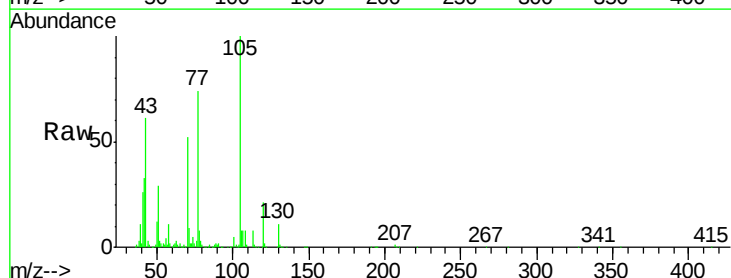
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 29.5 22.3 33.5

120 21.5 16.9 25.3

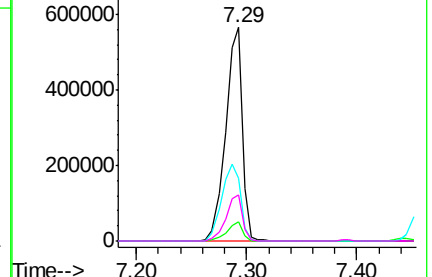
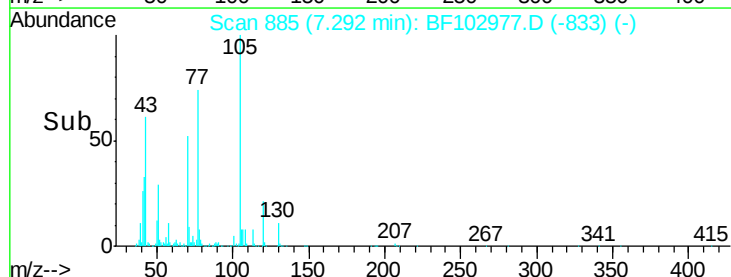


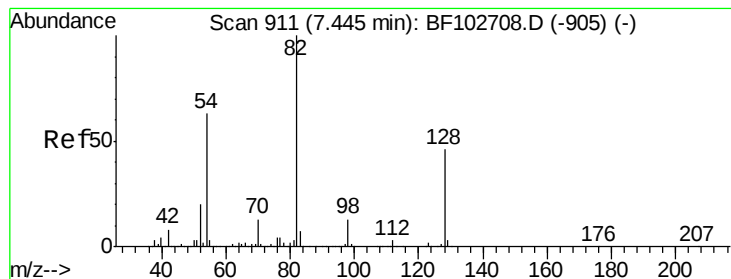
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.785 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

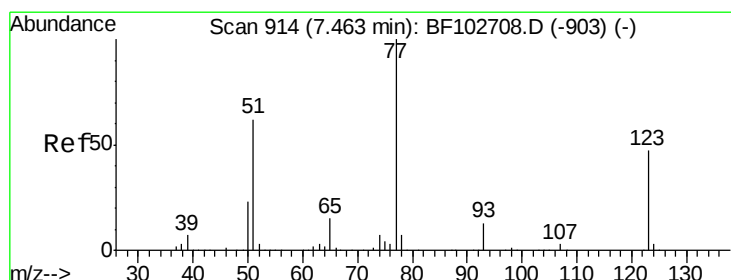
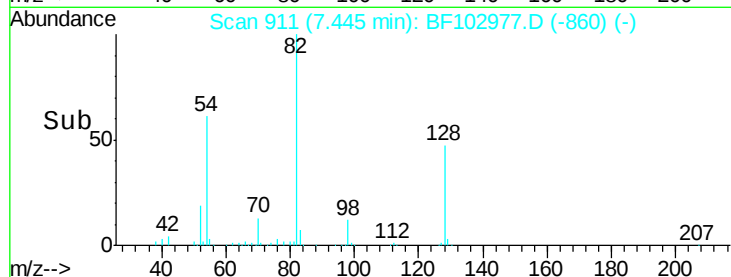
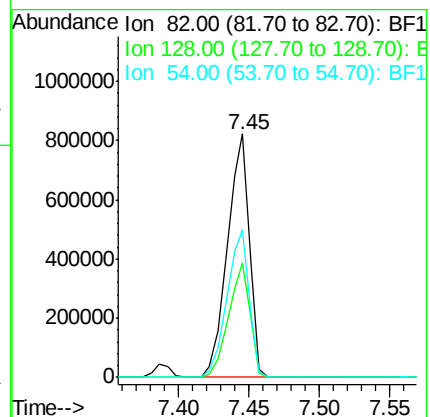
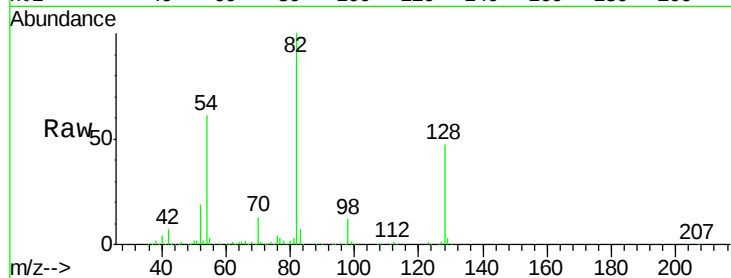
Tot Ion: 82 Resp: 880981

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

54 60.7 41.4 62.2



#24

Nitrobenzene

Concen: 42.420 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

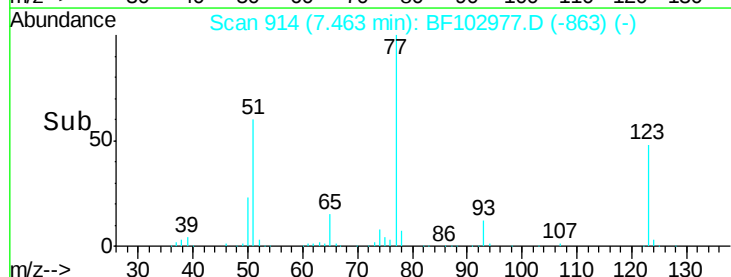
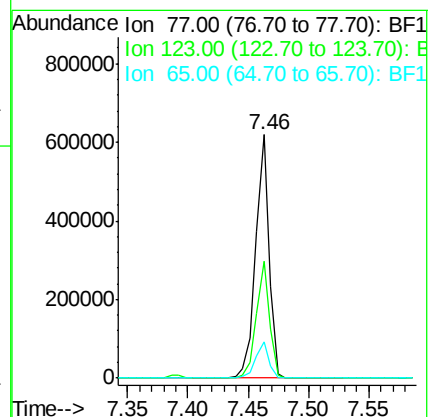
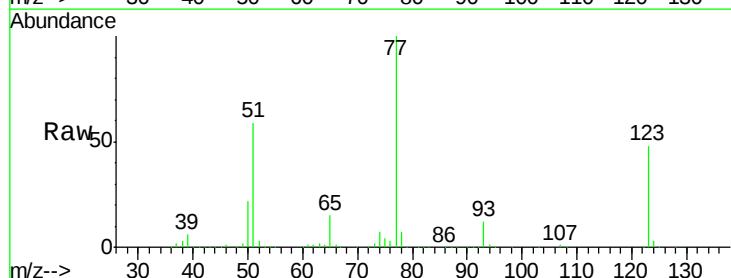
Tgt Ion: 77 Resp: 484253

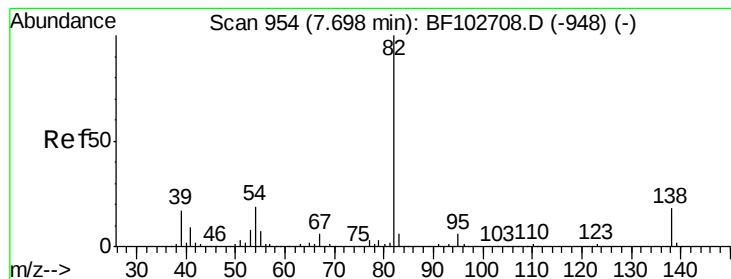
Ion Ratio Lower Upper

77 100

123 48.2 37.9 56.9

65 14.8 11.0 16.4





#25

Isophorone

Concen: 37.681 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

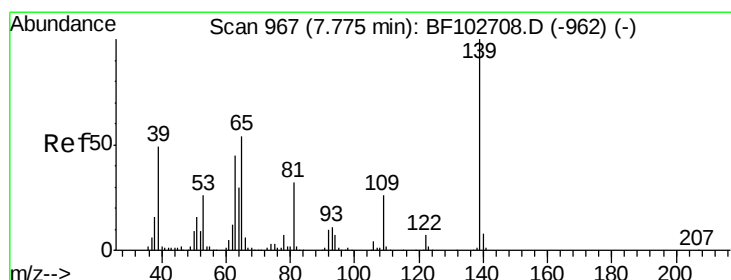
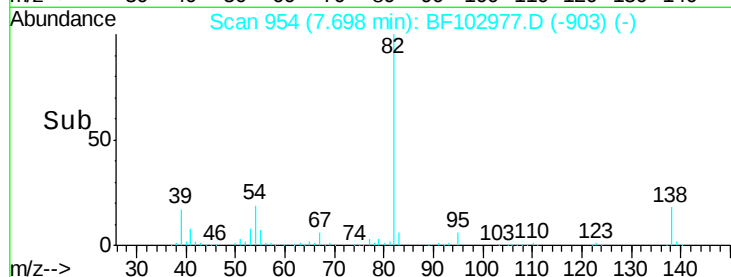
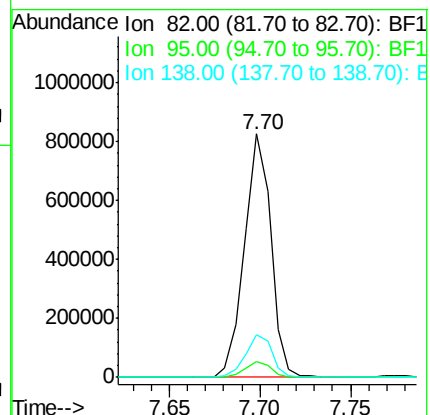
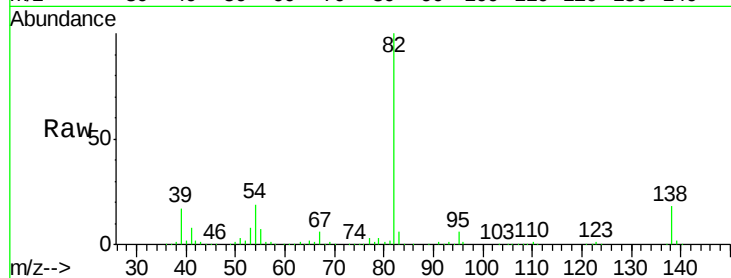
Tot Ion: 82 Resp: 841989

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 51.466 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

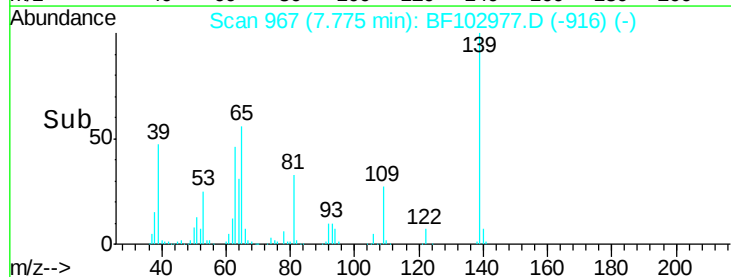
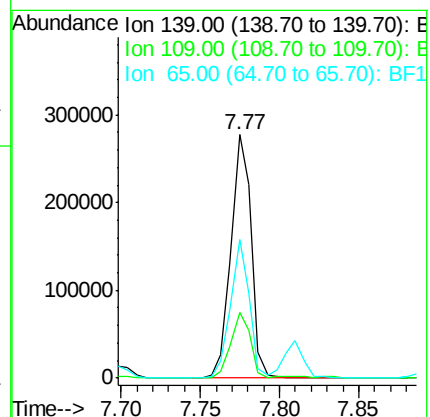
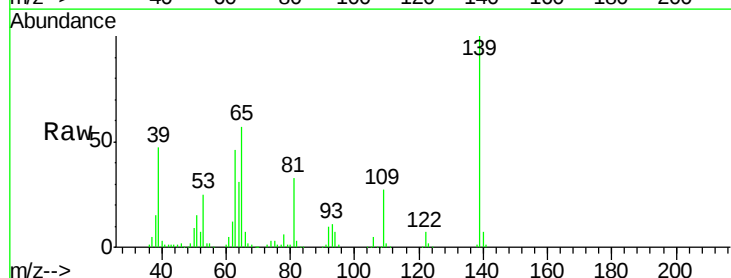
Tgt Ion: 139 Resp: 244931

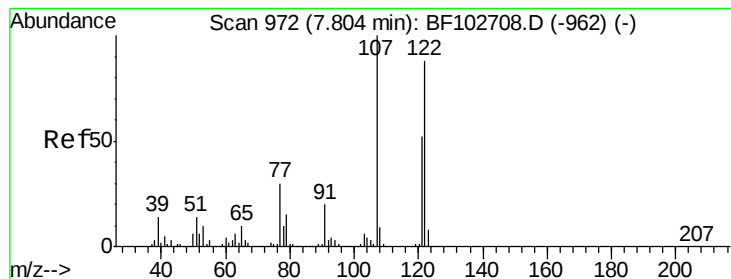
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 56.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.080 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

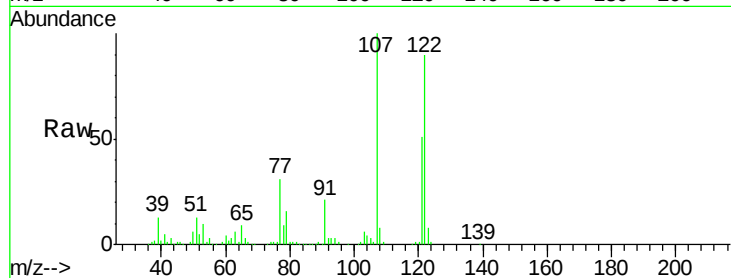
Tot Ion:122 Resp: 350045

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

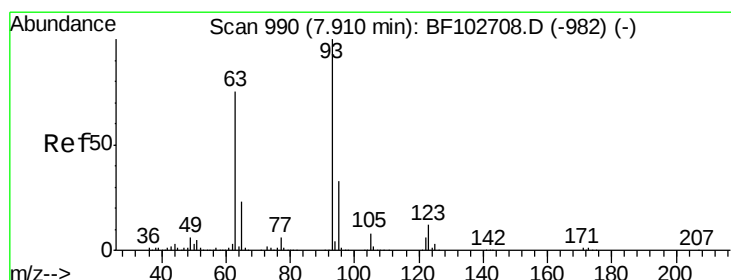
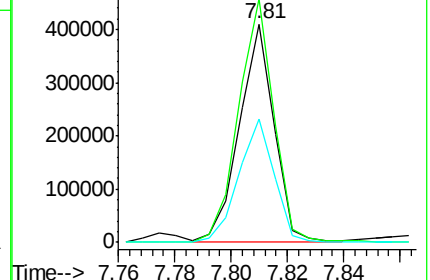
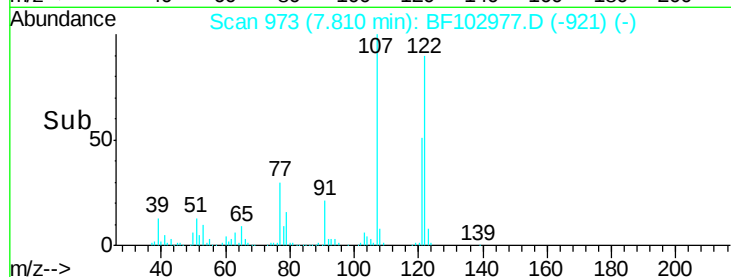
121 56.6 47.2 70.8



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: 38.403 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

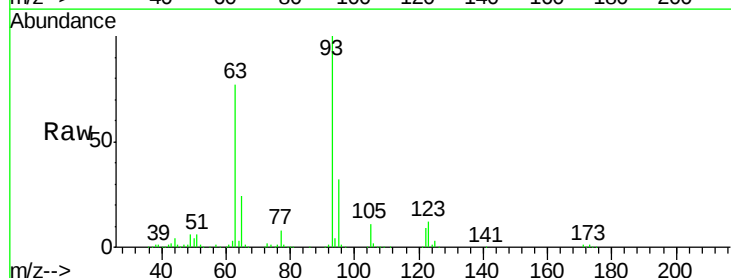
Tgt Ion: 93 Resp: 508332

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

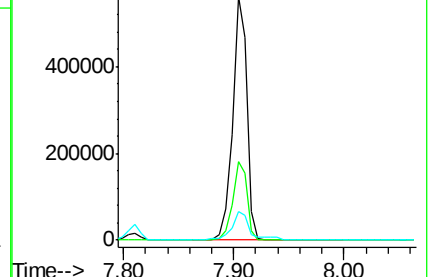
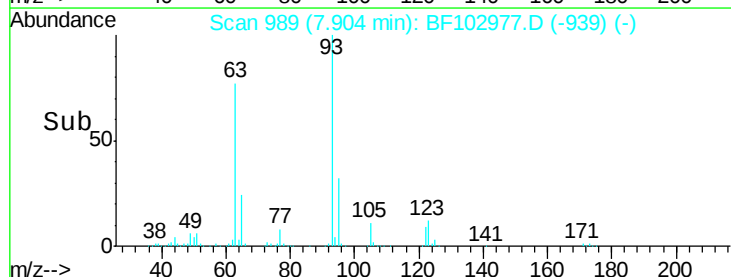
123 11.7 9.8 14.6

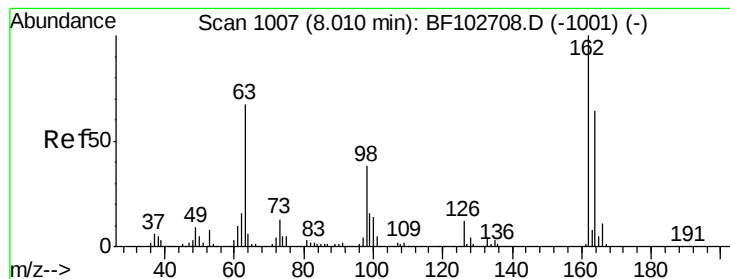


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.261 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

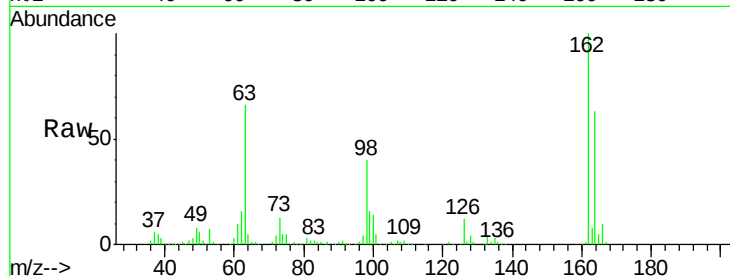
Tot Ion:162 Resp: 345517

Ion Ratio Lower Upper

162 100

164 62.9 42.7 82.7

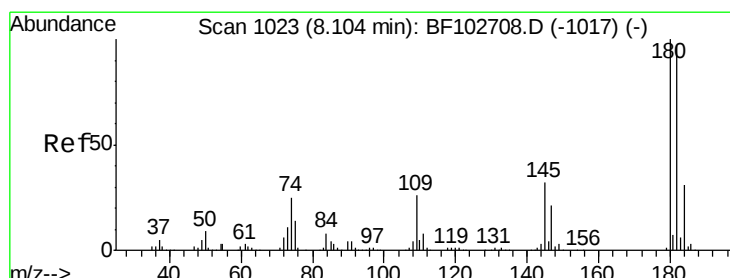
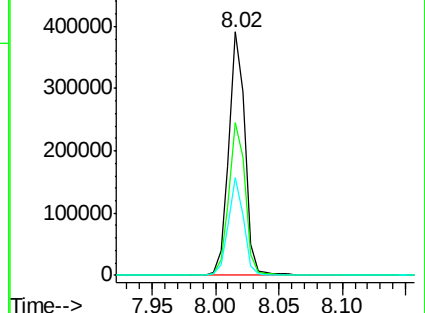
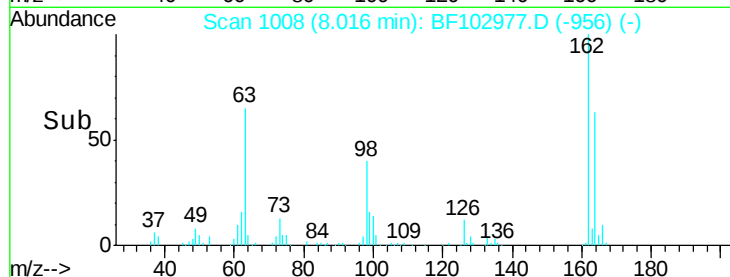
98 40.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.846 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

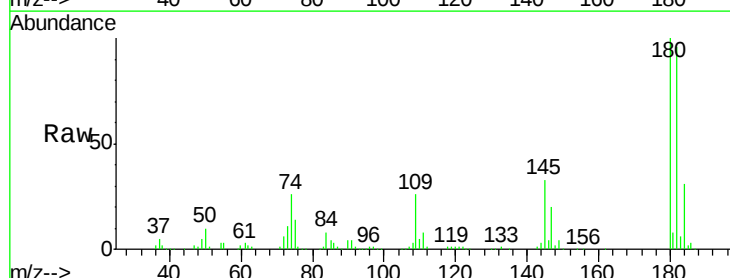
Tgt Ion:180 Resp: 367429

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

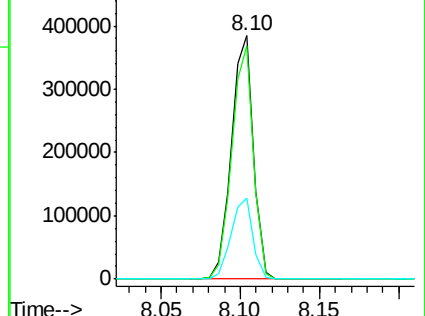
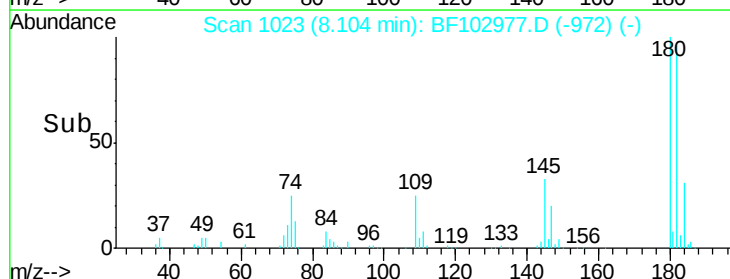
145 33.4 26.5 39.7

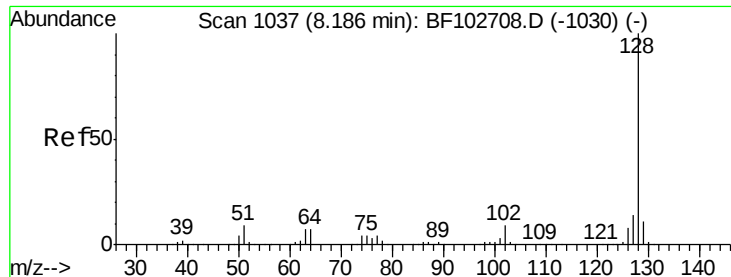


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

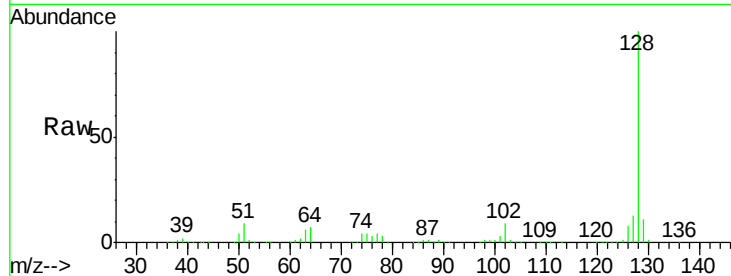




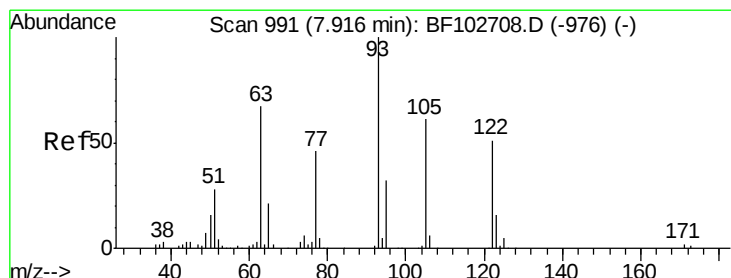
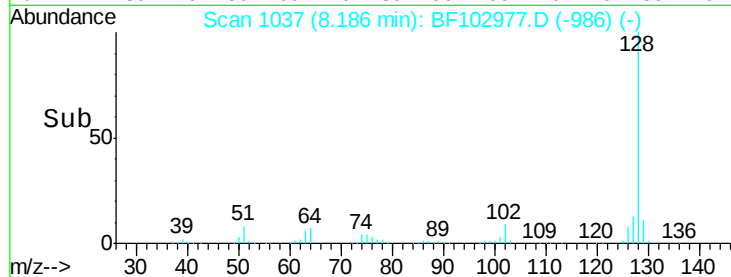
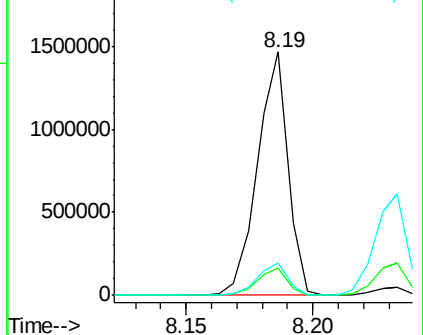
#31
Naphthalene
Concen: 37.534 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1234473
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

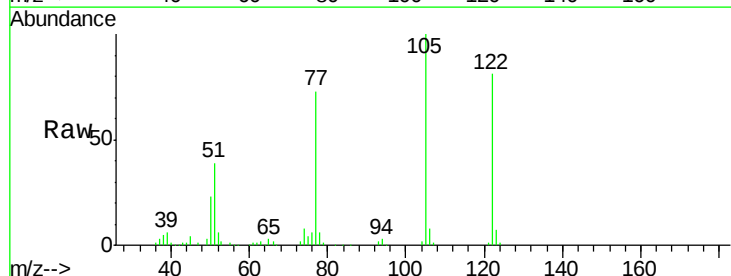


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

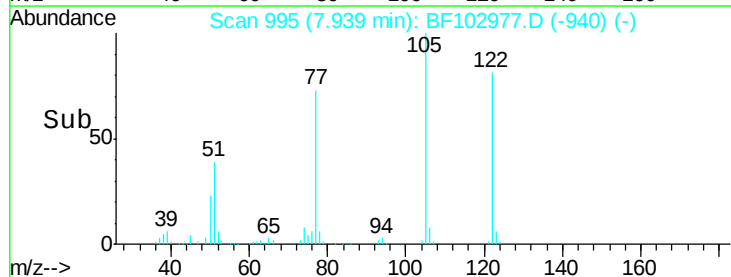
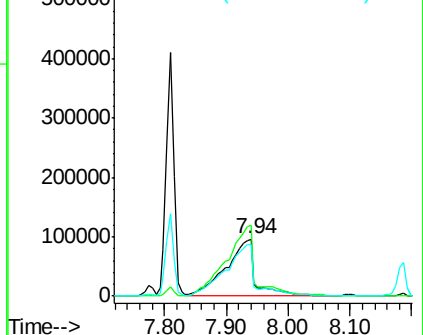


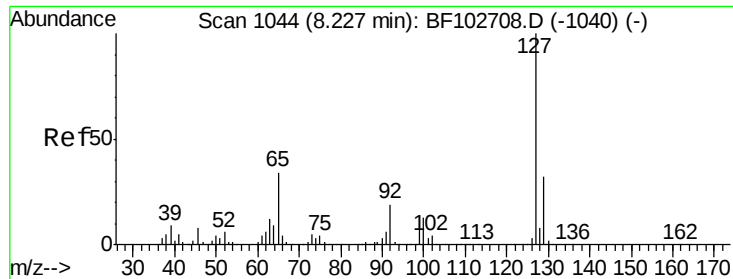
#32
Benzoic acid
Concen: 47.511 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:122 Resp: 315538
Ion Ratio Lower Upper
122 100
105 123.7 101.1 141.1
77 90.5 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

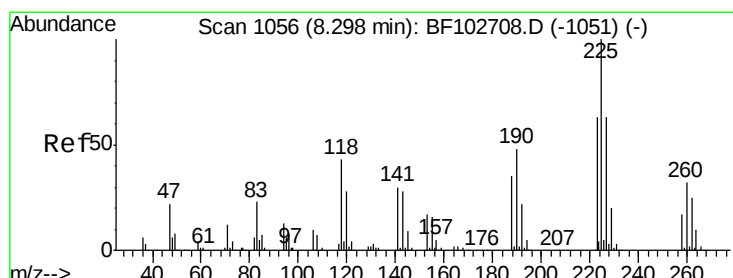
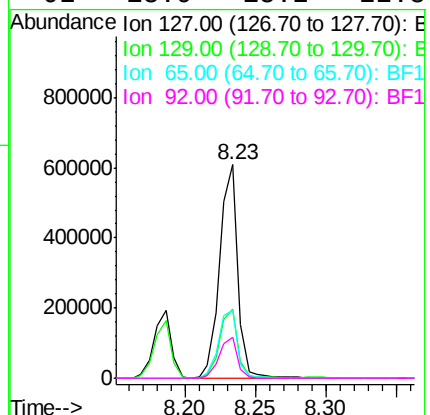
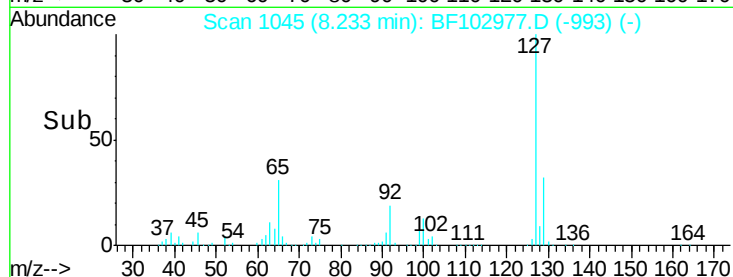
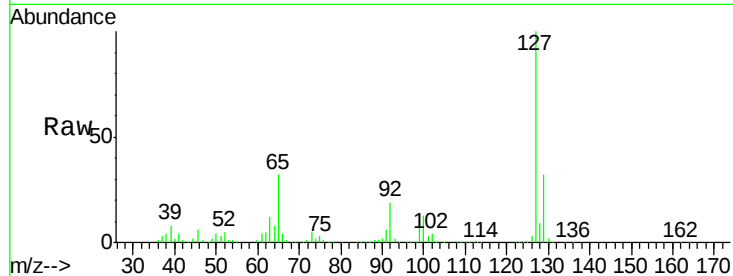




#33
4-Chloroaniline
Concen: 38.250 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

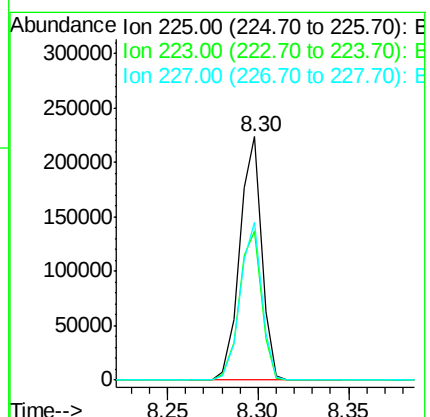
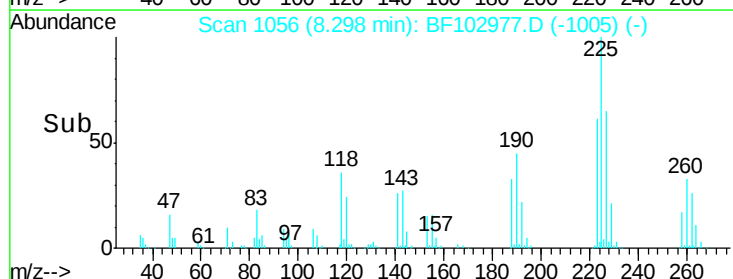
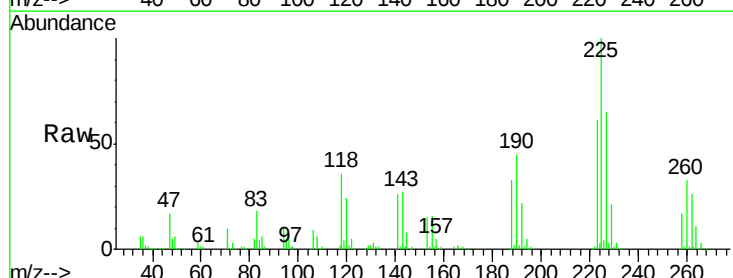
Instrument :
BNA_F
ClientSampleId :

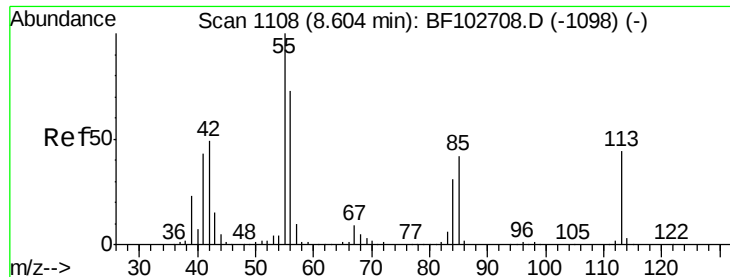
Tot Ion:	127	Resp:	541955
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	31.8	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.750 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:	225	Resp:	187801
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	64.6	51.9	77.9

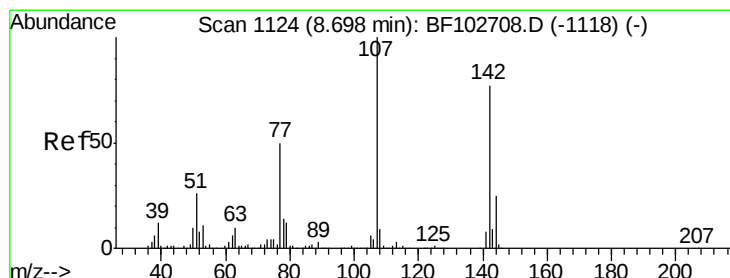
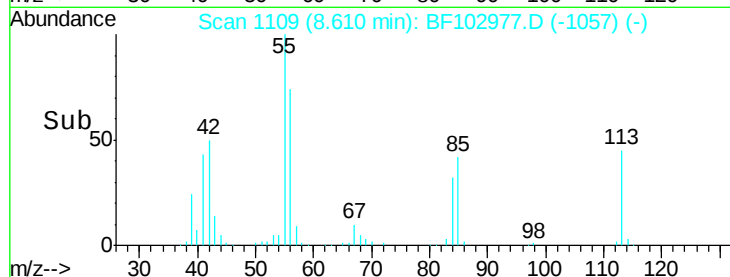
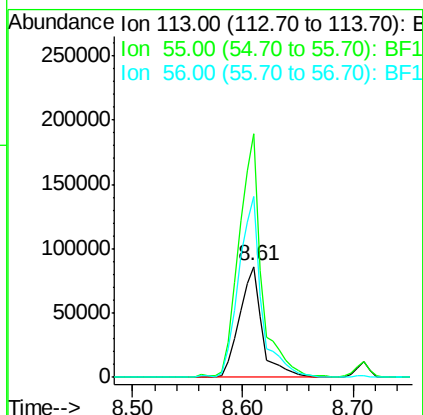
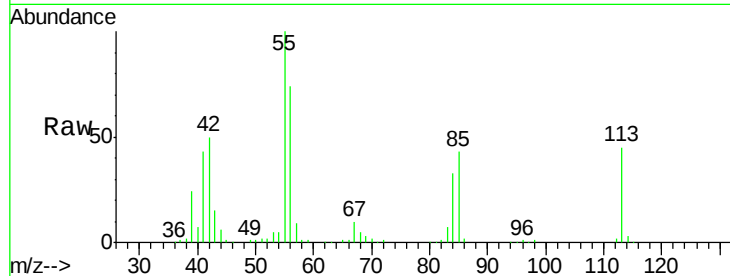




#35
Caprolactam
Concen: 41.809 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

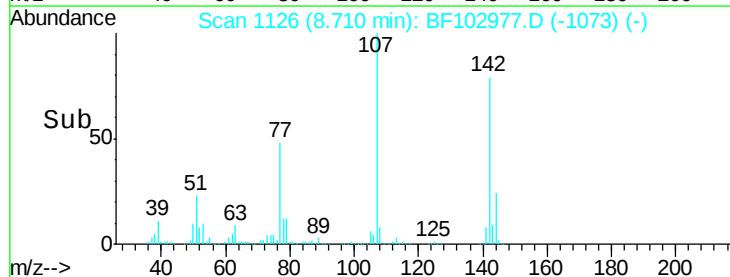
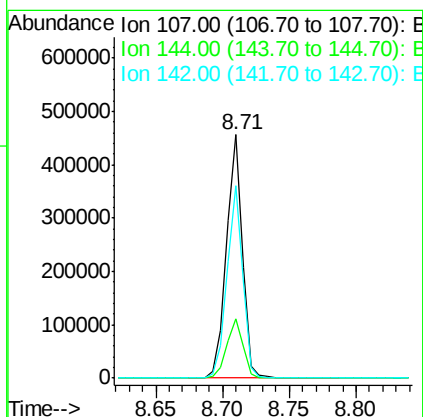
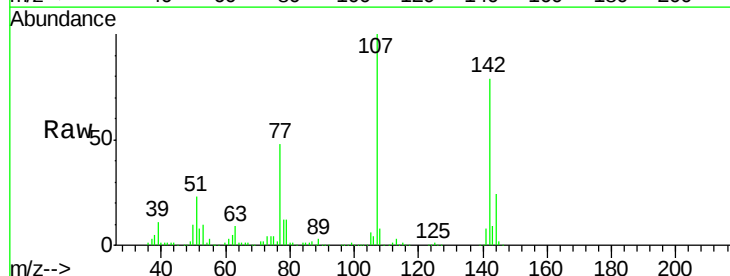
Instrument :
BNA_F
ClientSampled :

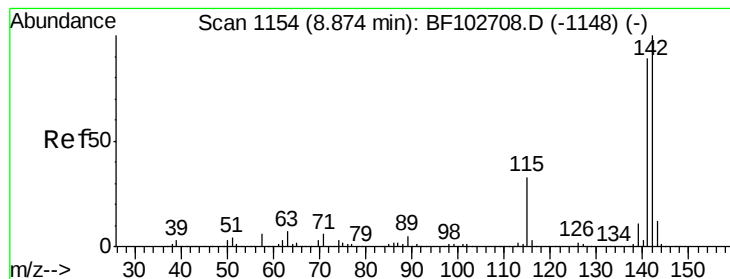
Tot Ion:113 Resp: 124607
Ion Ratio Lower Upper
113 100
55 220.2 163.3 203.3#
56 163.8 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 40.313 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:107 Resp: 388714
Ion Ratio Lower Upper
107 100
144 24.5 20.5 30.7
142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.431 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

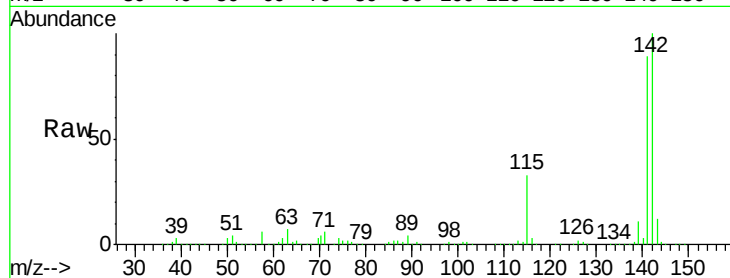
Tot Ion:142 Resp: 806024

Ion Ratio Lower Upper

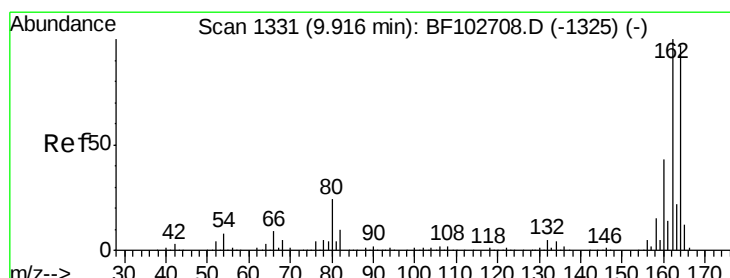
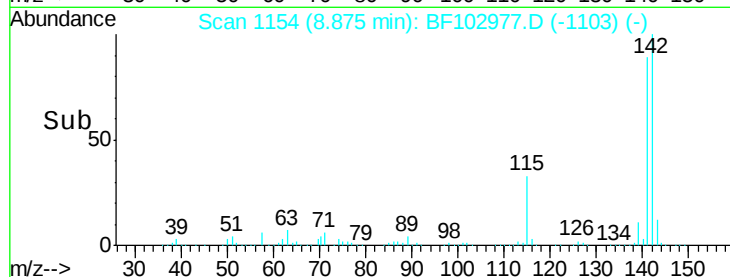
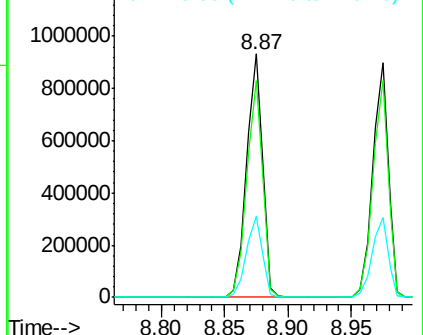
142 100

141 88.8 70.8 106.2

115 33.3 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: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

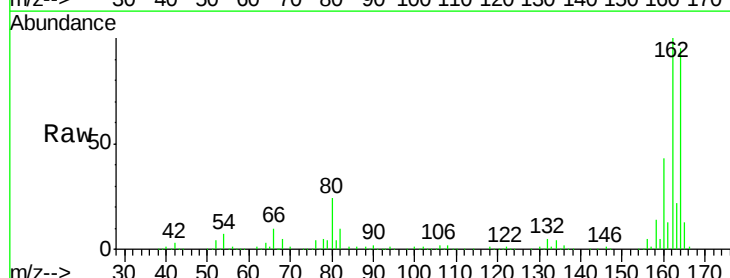
Tgt Ion:164 Resp: 309650

Ion Ratio Lower Upper

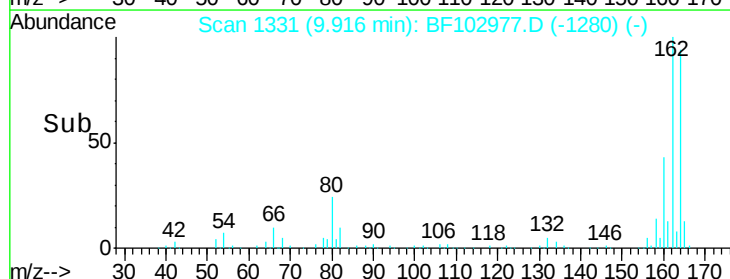
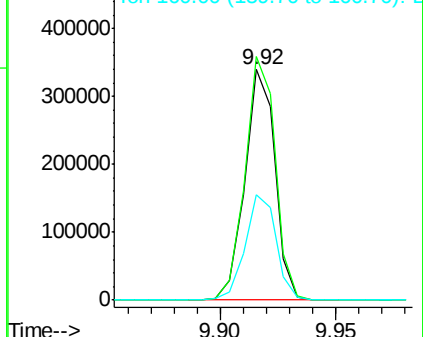
164 100

162 105.6 86.1 129.1

160 45.6 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: 38.509 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 324680

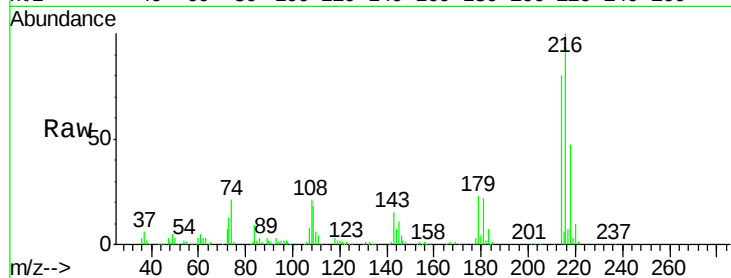
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.8 18.1 27.1

108 22.7 17.2 25.8

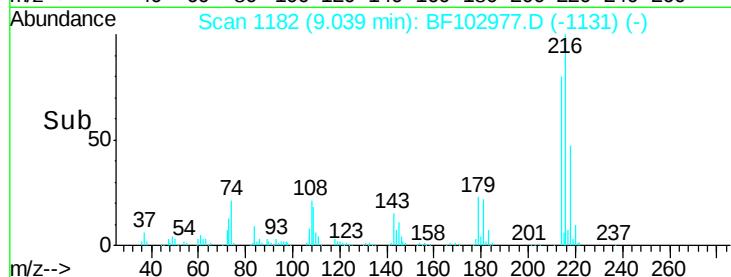


Abundance Ion 216.00 (215.70 to 216.70): E

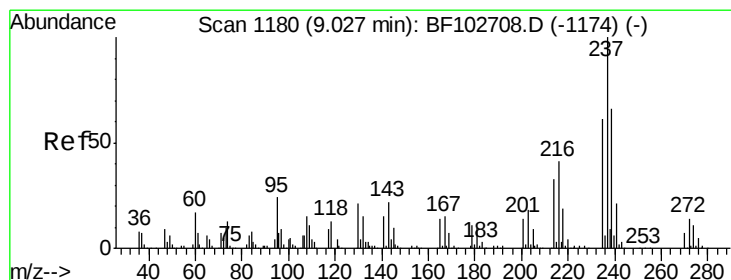
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 34.520 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

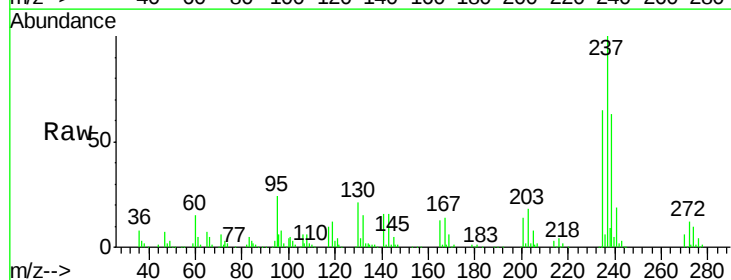
Tgt Ion:237 Resp: 138358

Ion Ratio Lower Upper

237 100

235 65.0 44.8 84.8

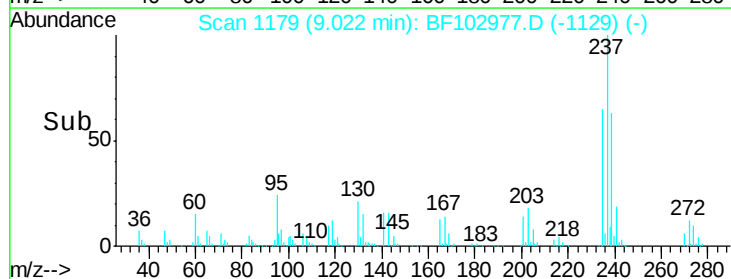
272 12.5 0.0 33.3



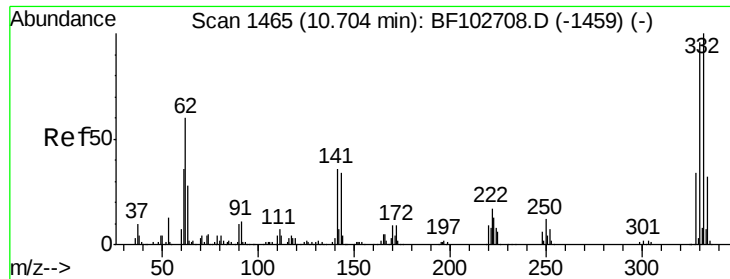
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



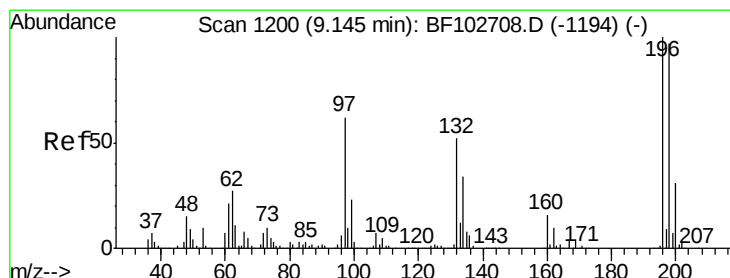
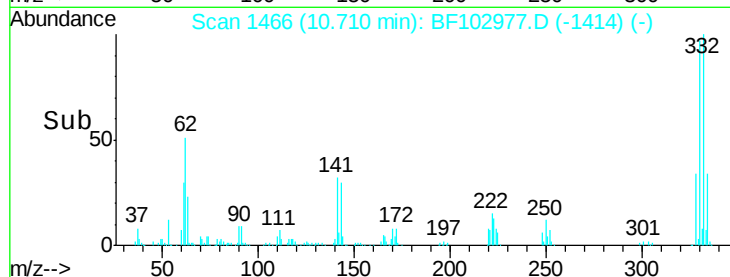
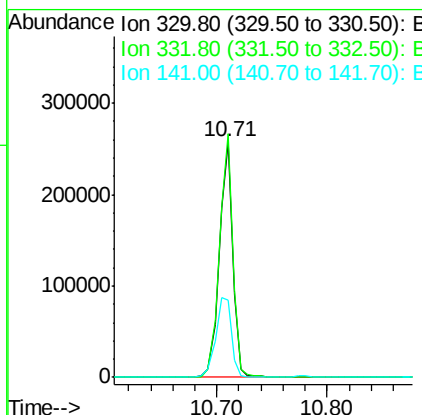
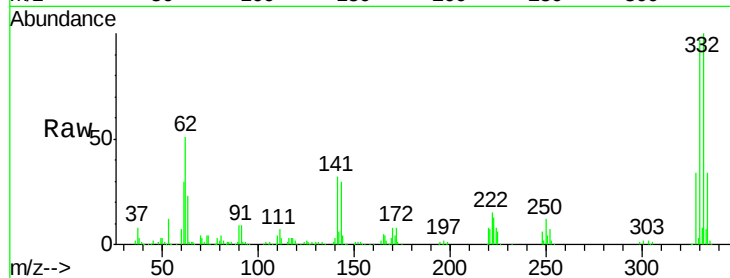
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 87.769 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

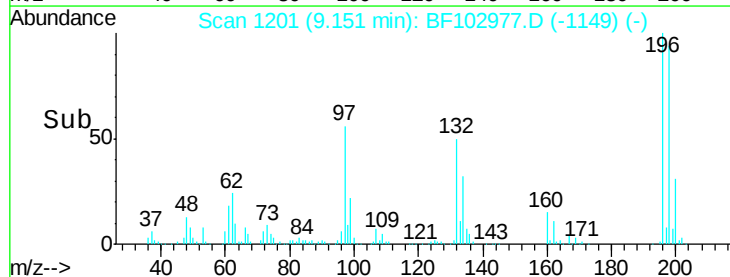
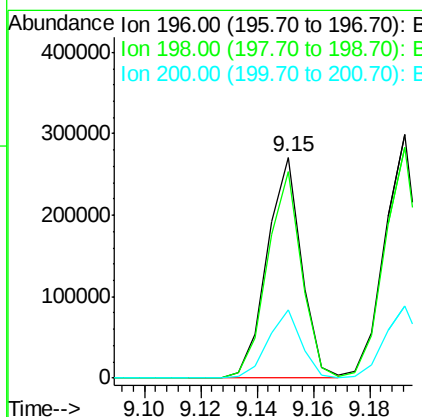
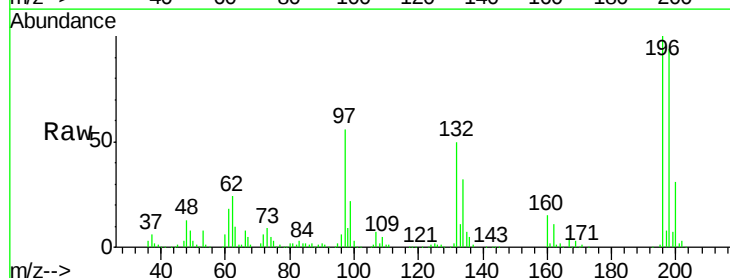
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	39.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.332 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	30.9	24.5	36.7

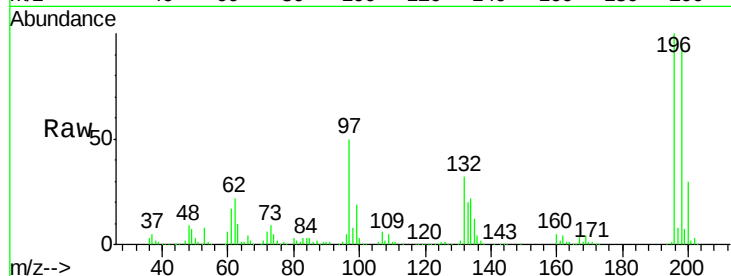




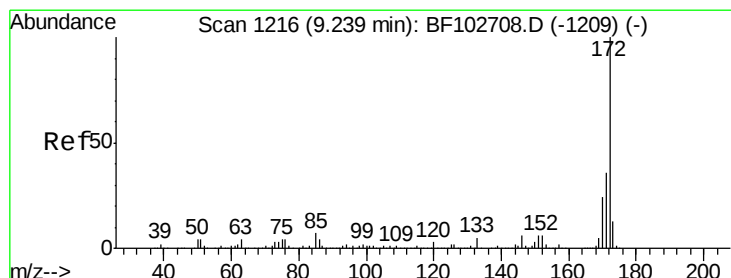
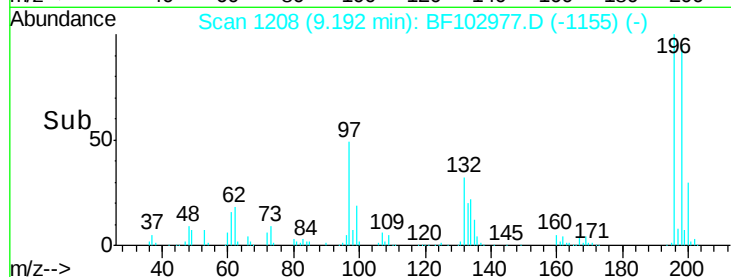
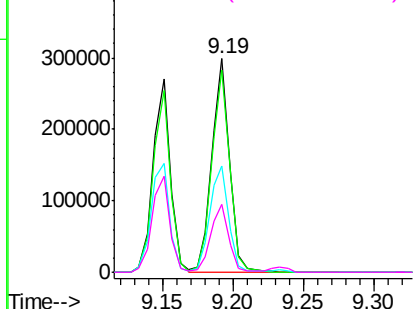
#43
 2,4,5-Trichlorophenol
 Concen: 41.400 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	49.6	42.9	64.3
132	32.1	26.3	39.5

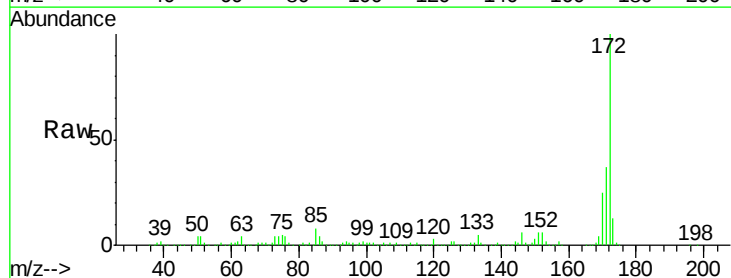


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

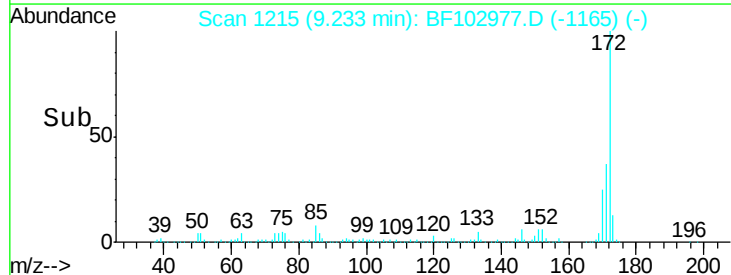
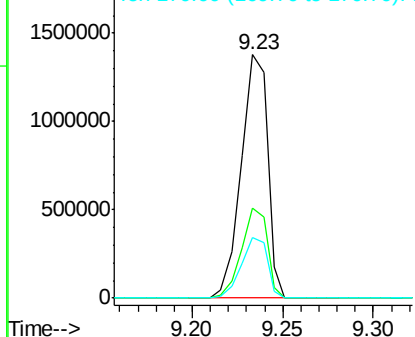


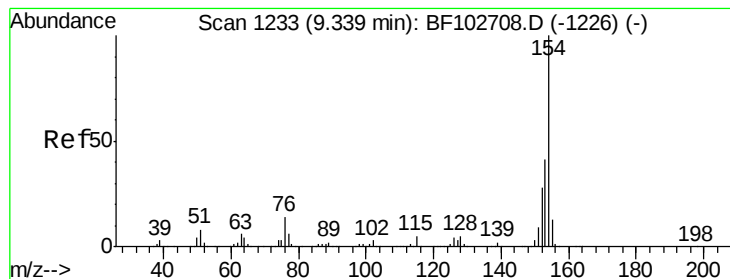
#44
 2-Fluorobiphenyl
 Concen: 75.114 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.9	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 37.156 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

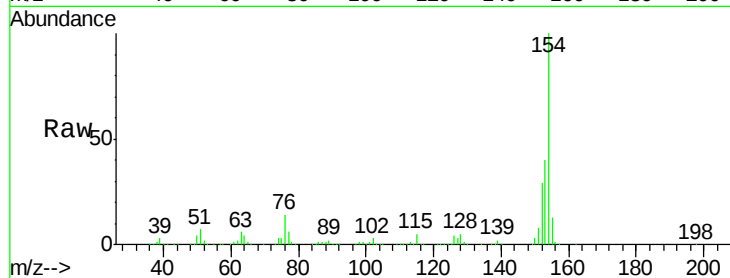
Tot Ion:154 Resp: 969054

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

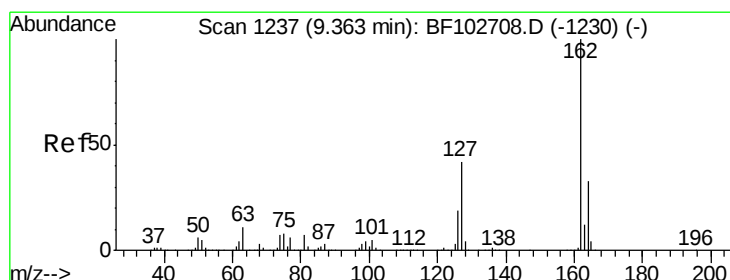
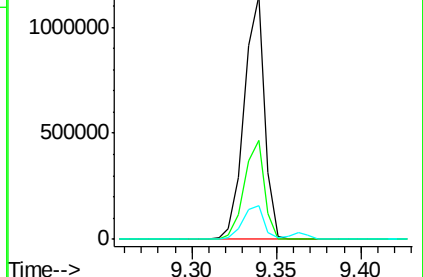
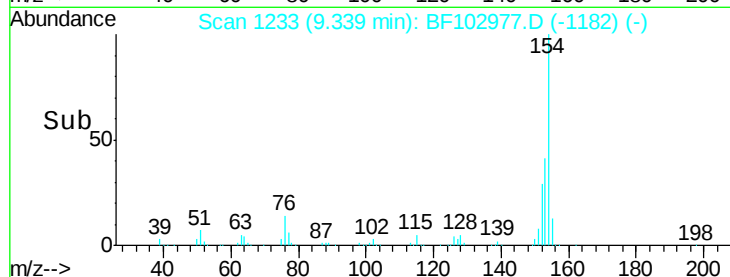
76 13.8 0.0 34.0



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: 37.621 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

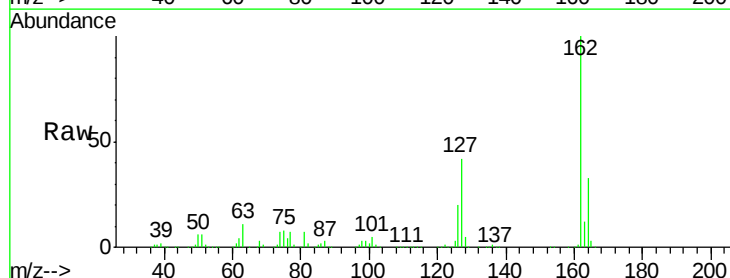
Tgt Ion:162 Resp: 772457

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

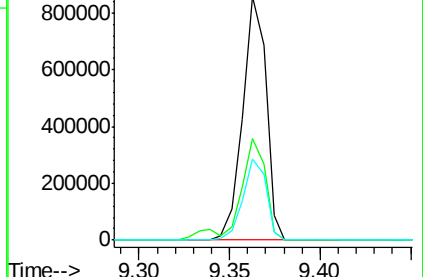
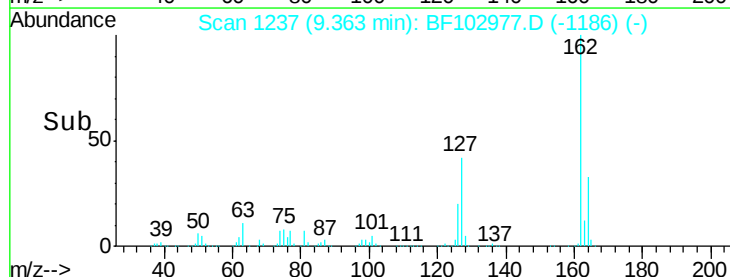
164 33.2 26.5 39.7

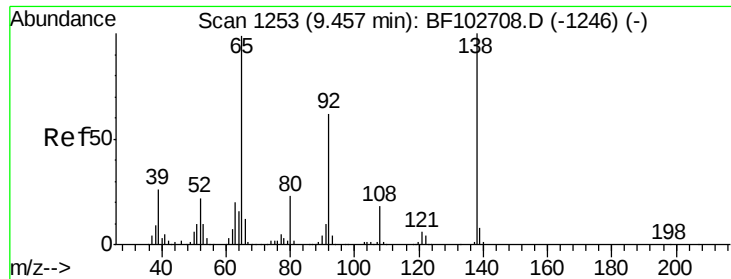


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.750 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

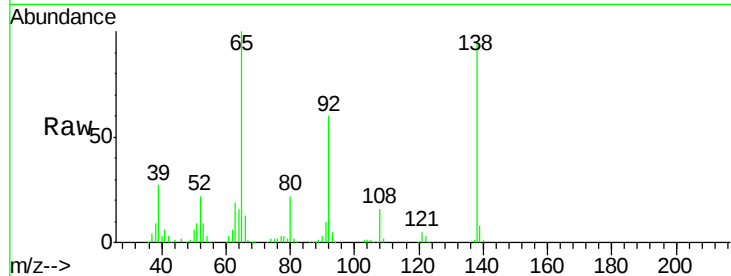
Tot Ion: 65 Resp: 295586

Ion Ratio Lower Upper

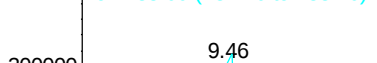
65 100

92 60.2 55.8 83.6

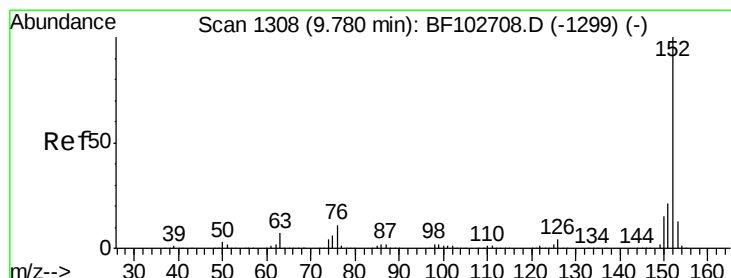
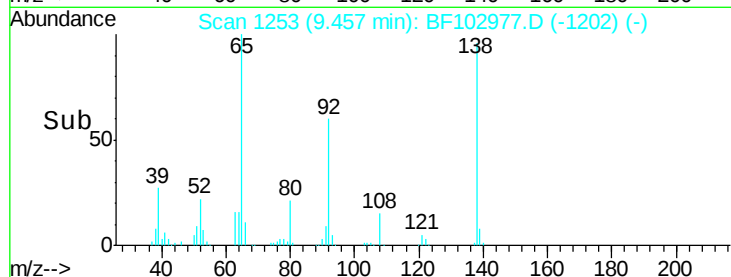
138 95.3 91.2 136.8



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



Time-->



#48

Acenaphthylene

Concen: 37.755 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

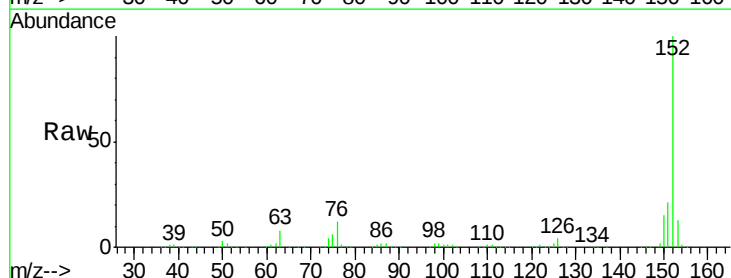
Tgt Ion: 152 Resp: 1204053

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

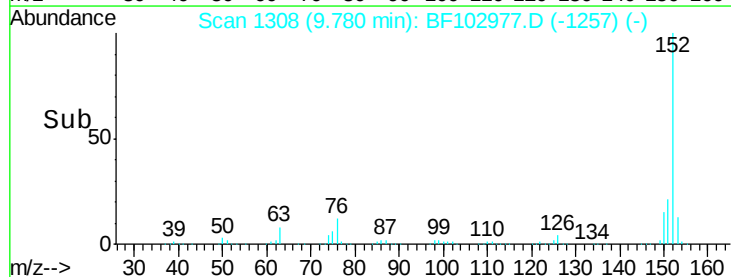
153 13.5 10.7 16.1

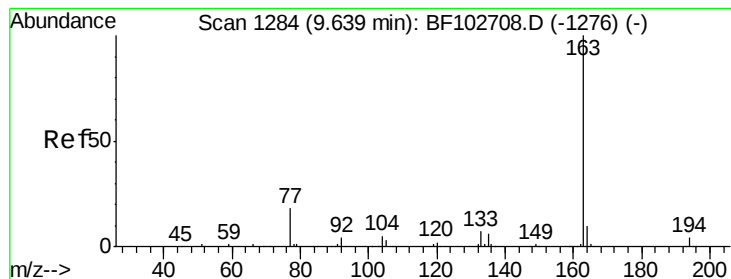


Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1



Time-->





#49

Dimethylphthalate

Concen: 39.096 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

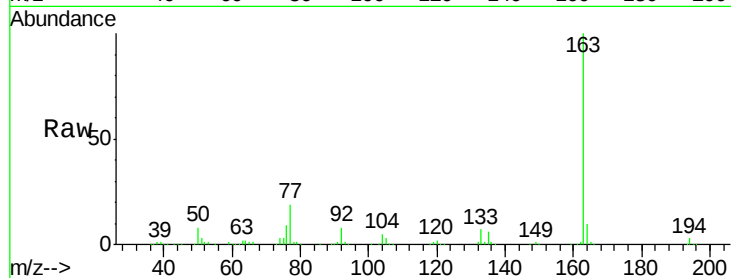
Tot Ion:163 Resp: 943932

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

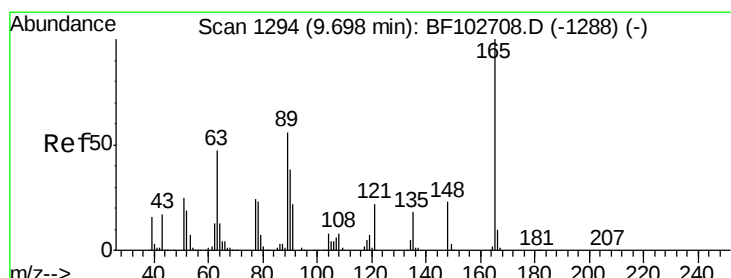
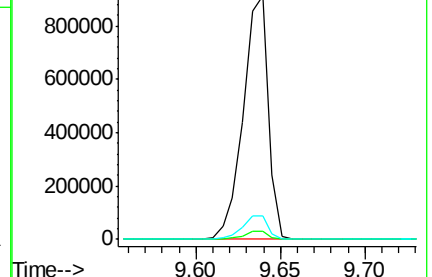
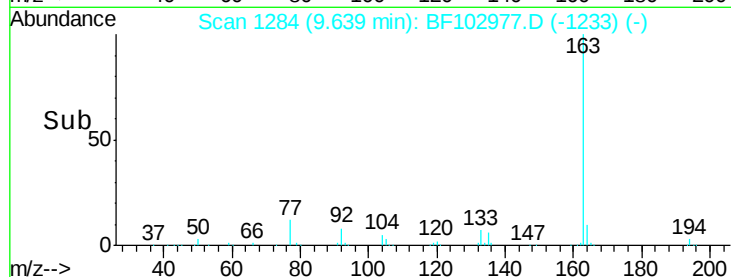
164 9.7 8.2 12.2



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: 45.335 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

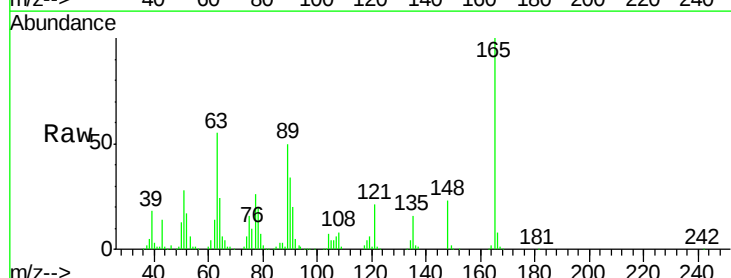
Tgt Ion:165 Resp: 208242

Ion Ratio Lower Upper

165 100

63 55.2 44.7 67.1

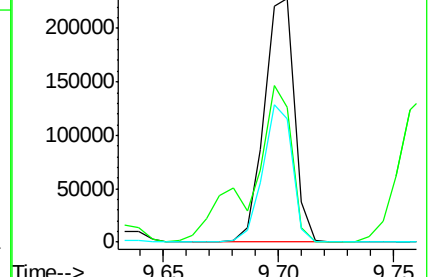
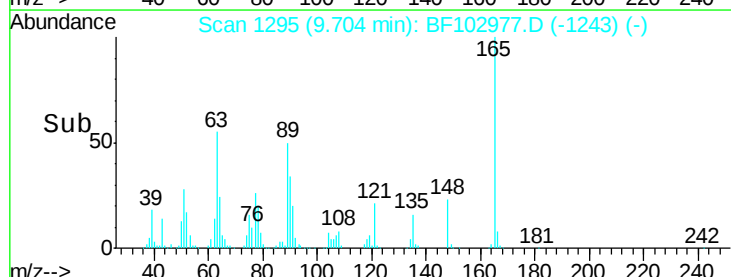
89 50.4 44.0 66.0

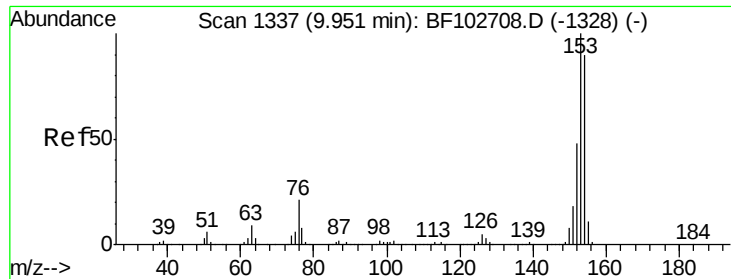


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.739 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampled :

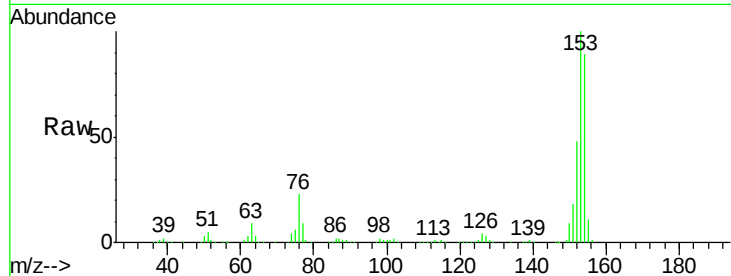
Tot Ion:154 Resp: 700670

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

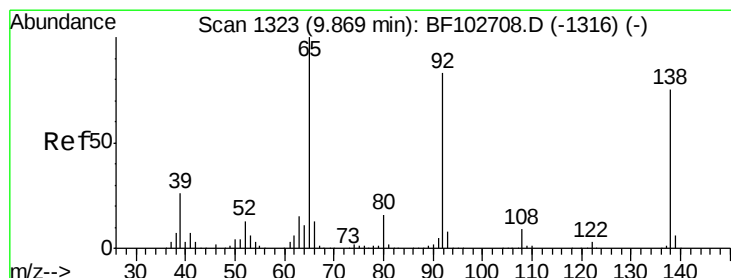
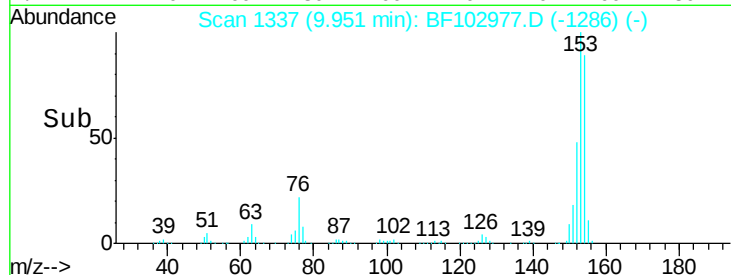
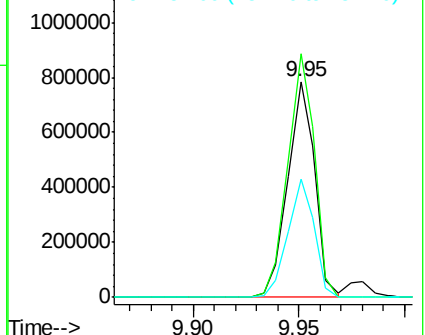
152 54.5 43.8 65.8



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: 45.676 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

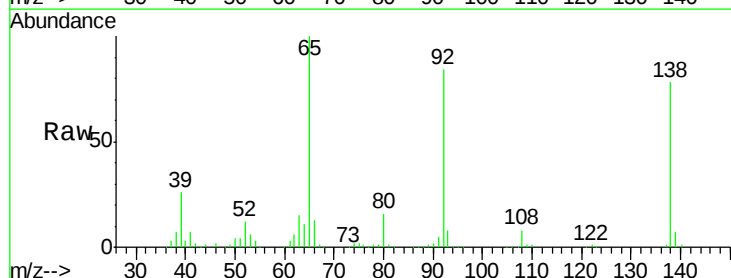
Tgt Ion:138 Resp: 258163

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

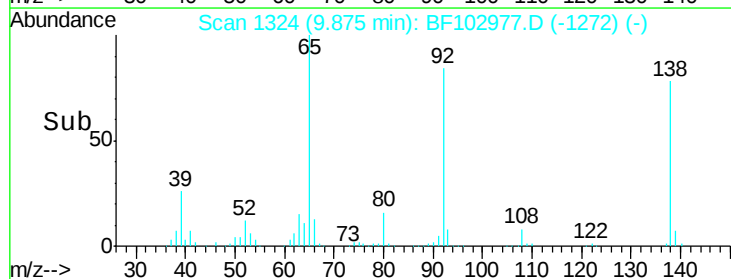
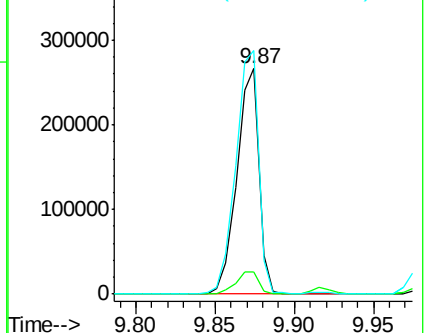
92 108.0 89.4 134.2

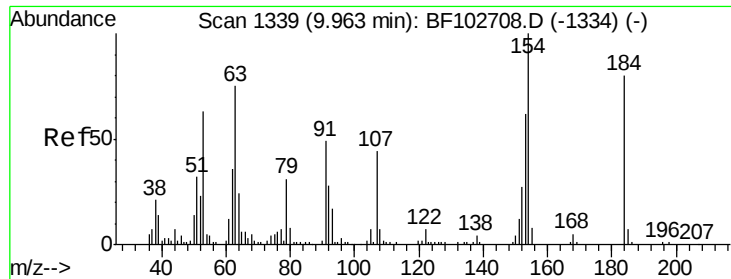


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

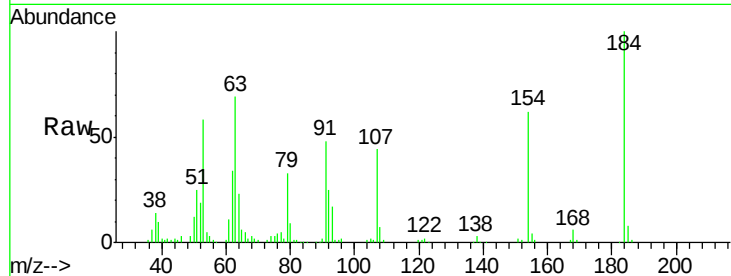




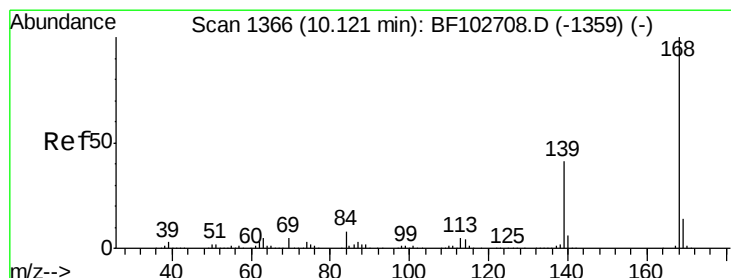
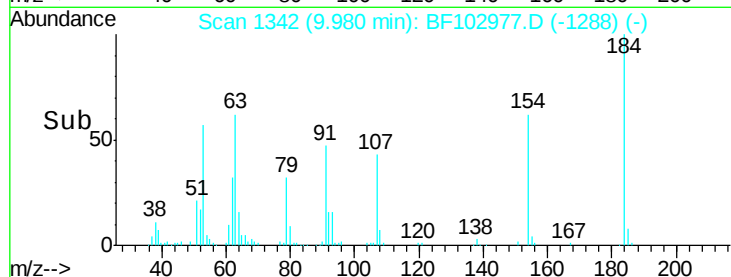
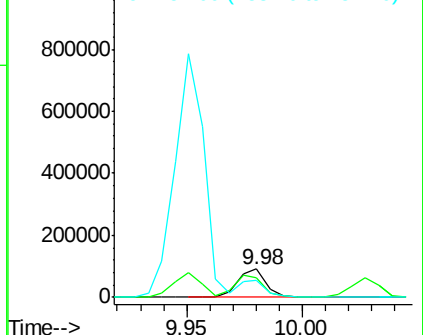
#53
2,4-Dinitrophenol
Concen: 61.723 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 79556
Ion Ratio Lower Upper
184 100
63 69.2 54.2 81.2
154 61.6 184.0 276.0#

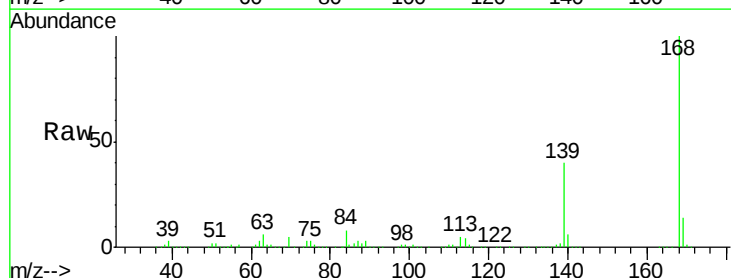


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

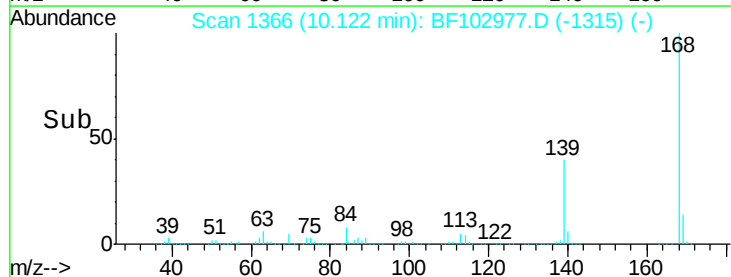
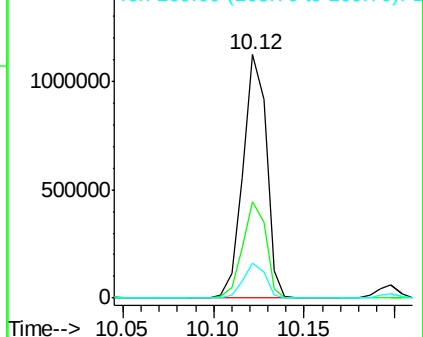


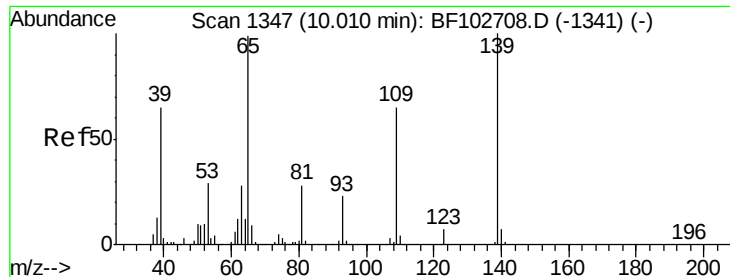
#54
Dibenzofuran
Concen: 37.606 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:168 Resp: 1010733
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 14.1 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

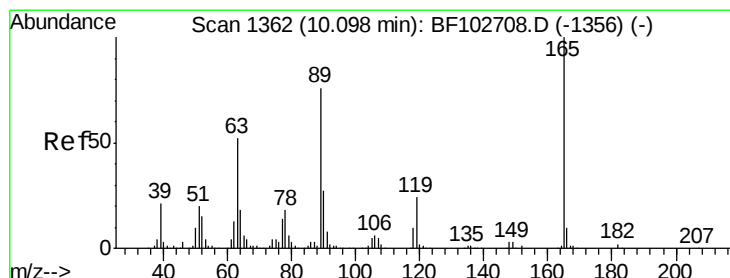
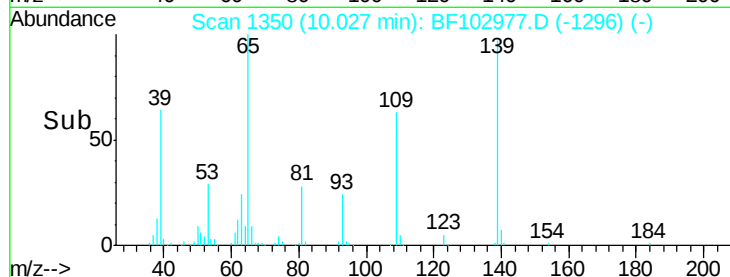
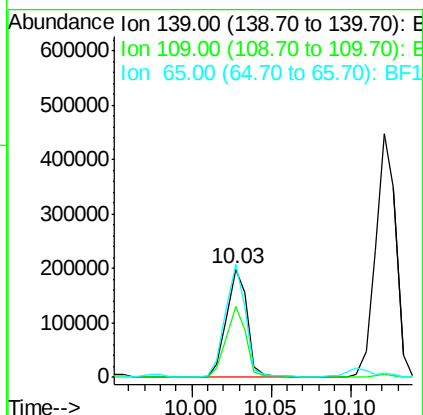
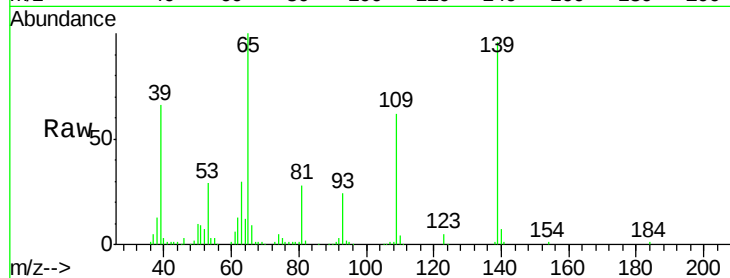




#55
4-Nitrophenol
Concen: 41.758 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

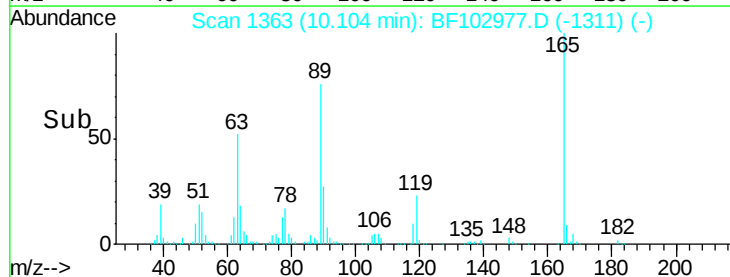
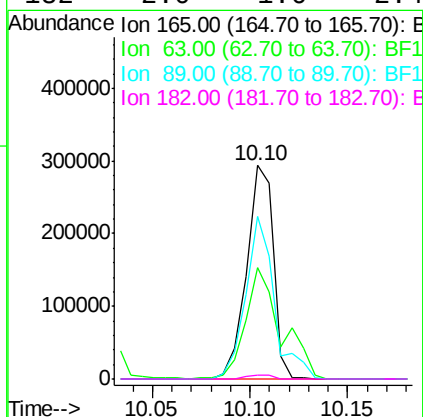
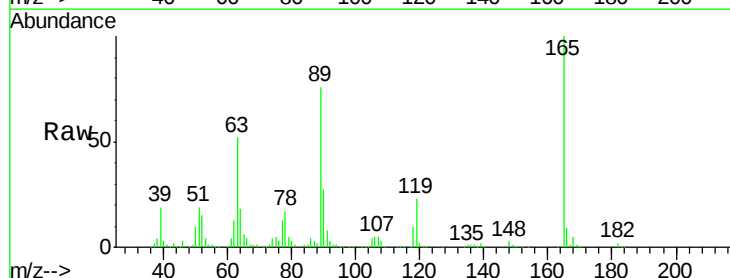
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 184546
Ion Ratio Lower Upper
139 100
109 64.9 48.4 88.4
65 104.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.354 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:165 Resp: 278291
Ion Ratio Lower Upper
165 100
63 52.2 36.4 54.6
89 76.3 57.8 86.6
182 2.0 1.6 2.4

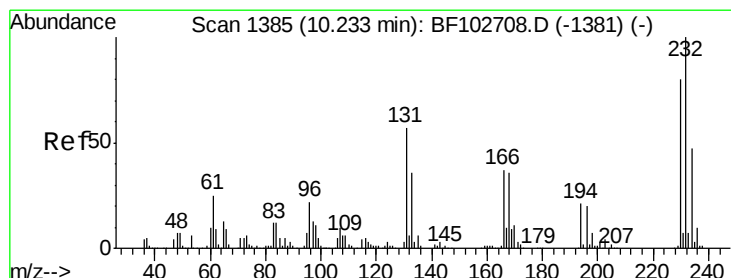
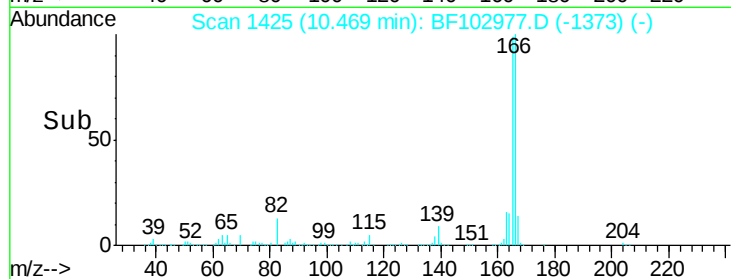
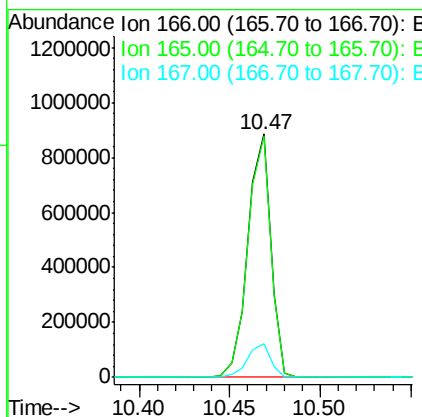
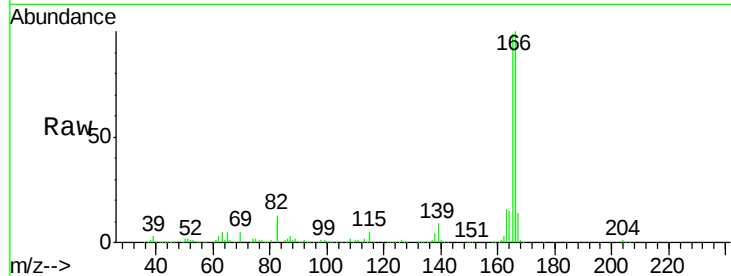




#57
 Fluorene
 Concen: 39.915 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

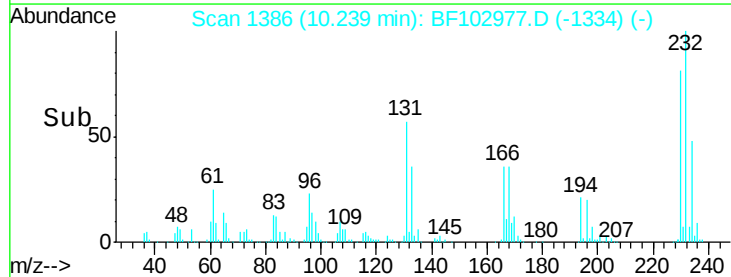
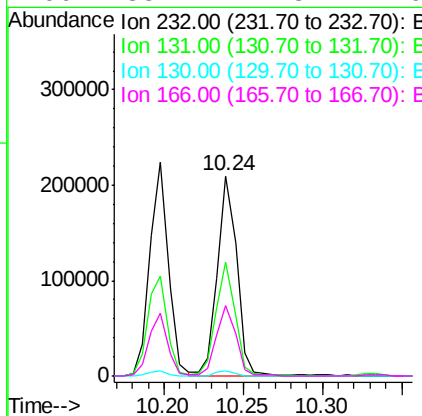
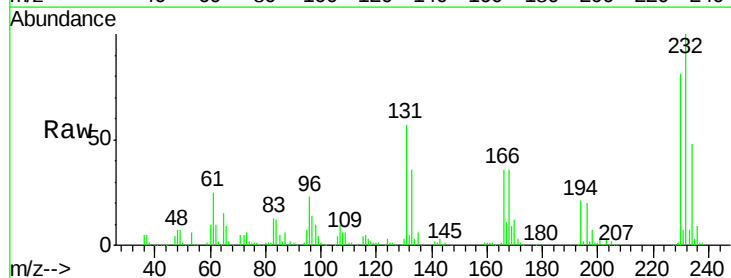
Instrument :
 BNA_F
 ClientSampled :

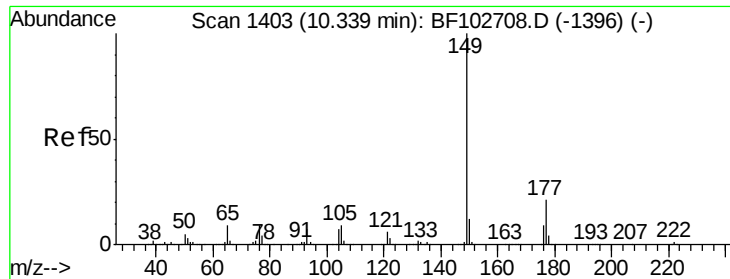
Tot Ion:166 Resp: 780552
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.499 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion:232 Resp: 179525
 Ion Ratio Lower Upper
 232 100
 131 56.2 43.8 65.8
 130 2.6 2.1 3.1
 166 35.4 27.8 41.6

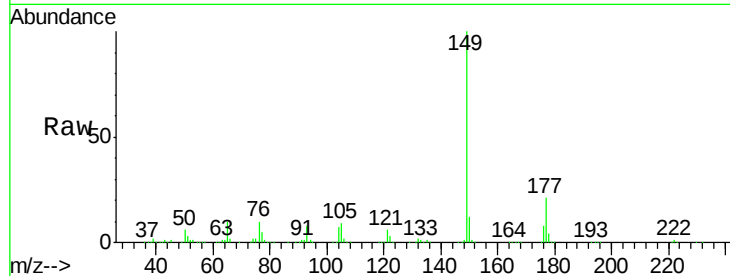




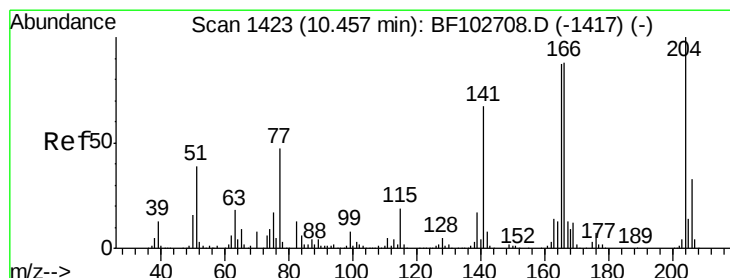
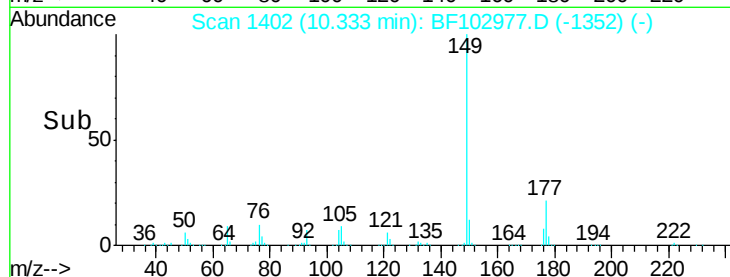
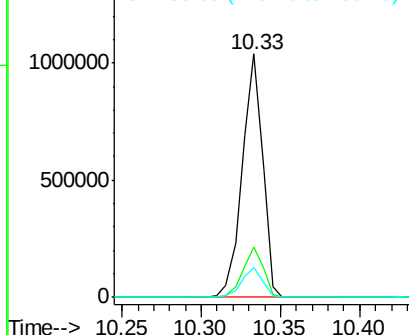
#59
Diethylphthalate
Concen: 38.673 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 921963
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.4 10.1 15.1

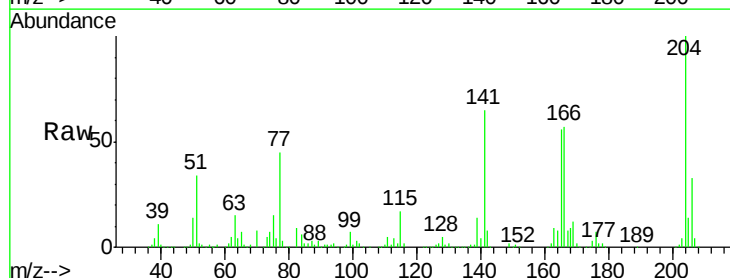


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

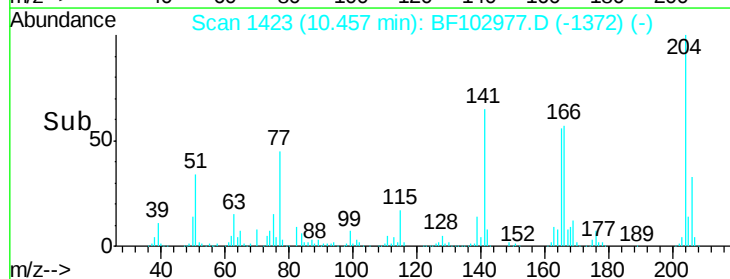
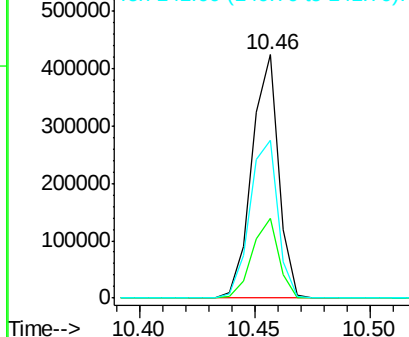


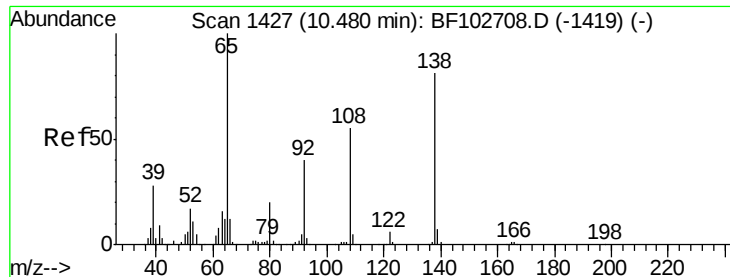
#60
4-Chlorophenyl-phenylether
Concen: 39.728 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:204 Resp: 343676
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.9 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

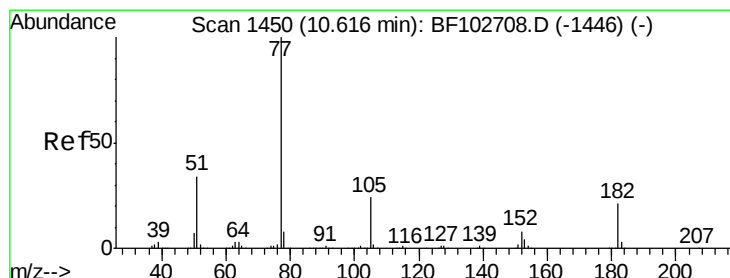
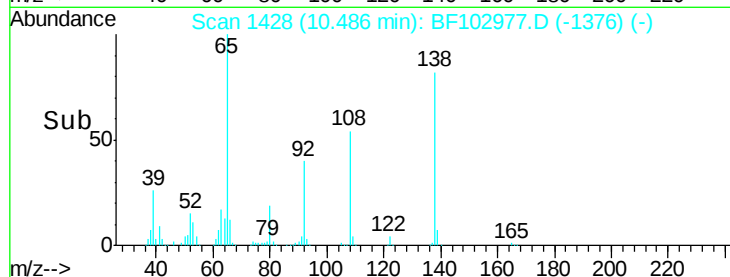
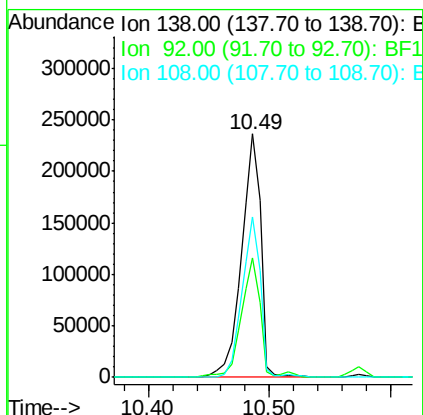
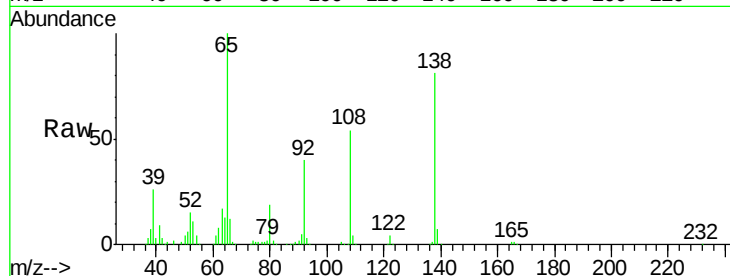




#61
4-Nitroaniline
Concen: 48.785 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

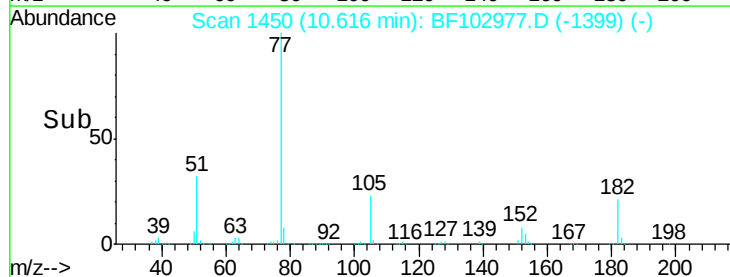
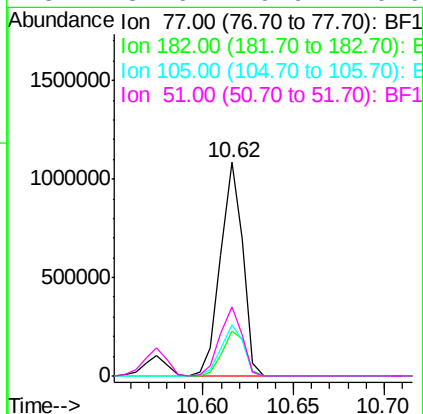
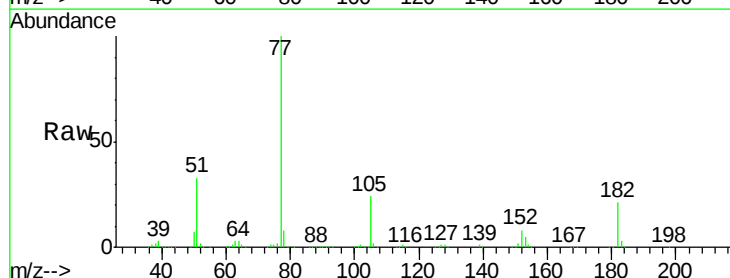
Instrument :
BNA_F
ClientSampleId :

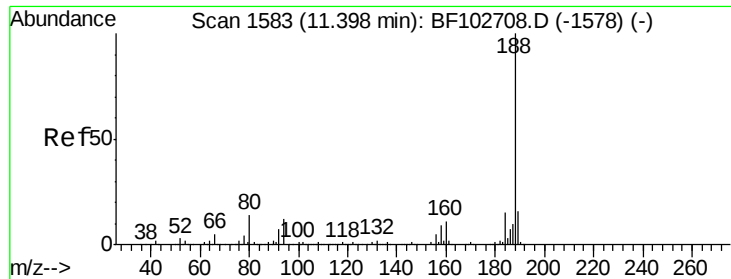
Tot Ion:138 Resp: 262459
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 38.889 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion: 77 Resp: 926192
Ion Ratio Lower Upper
77 100
182 20.9 1.7 41.7
105 23.8 3.0 43.0
51 32.6 9.9 49.9

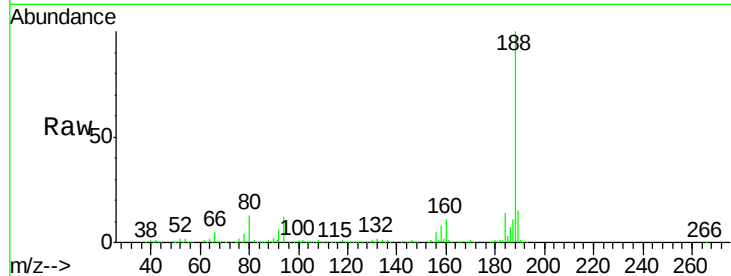




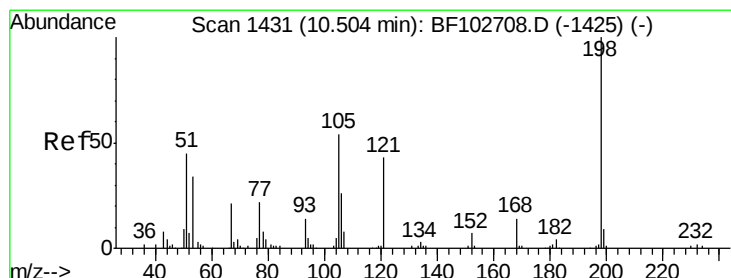
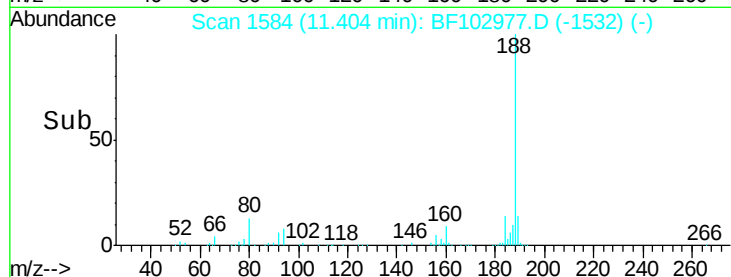
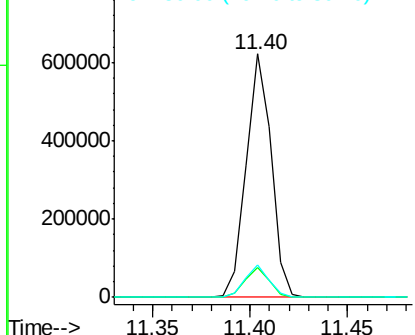
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 553797
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.1 9.2 13.8

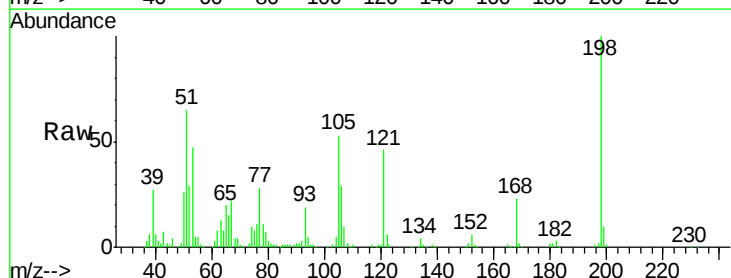


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

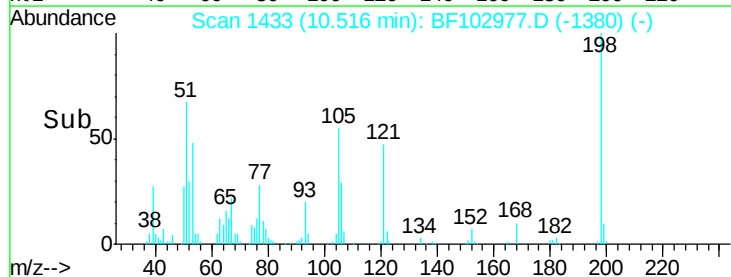
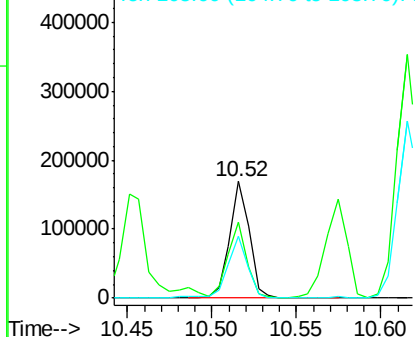


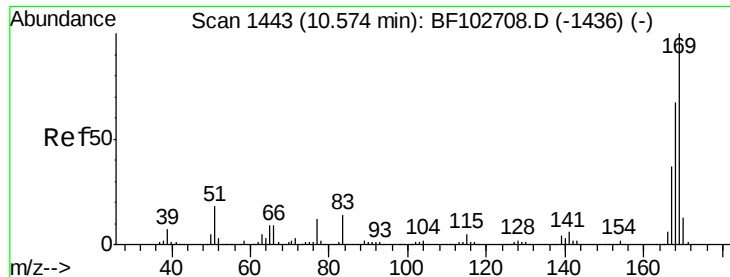
#64
4,6-Dinitro-2-methylphenol
Concen: 56.280 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:198 Resp: 137334
Ion Ratio Lower Upper
198 100
51 64.8 37.7 77.7
105 53.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

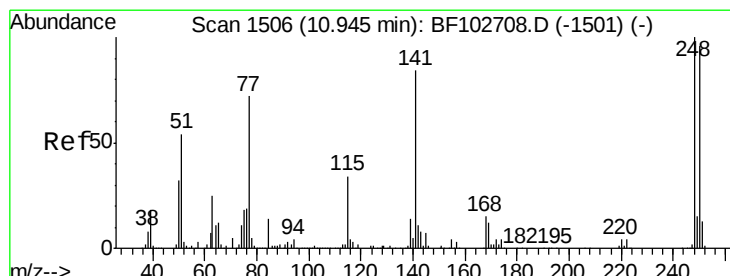
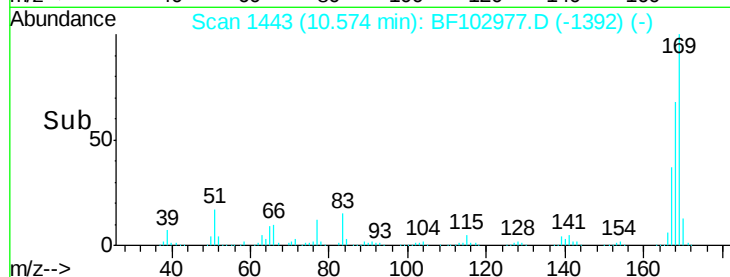
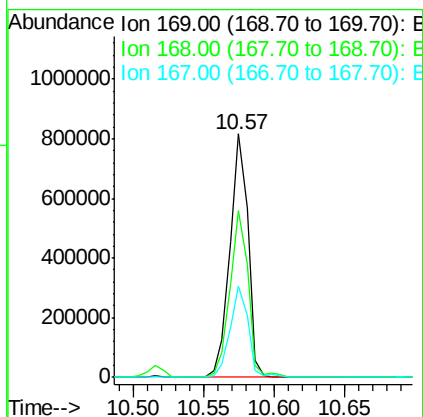
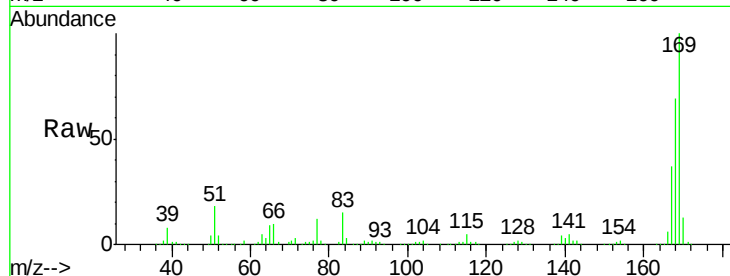




#65
 n-Nitrosodiphenylamine
 Concen: 37.237 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

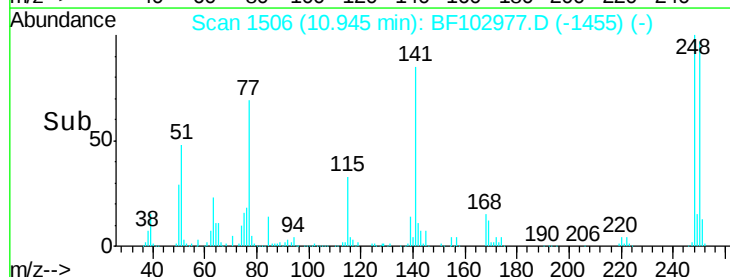
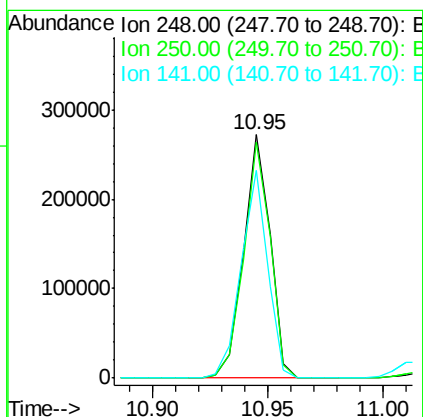
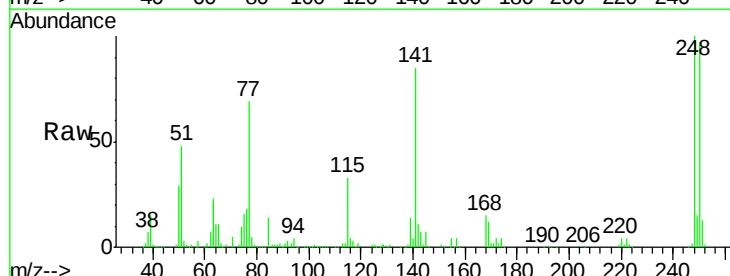
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	727384
Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	37.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.428 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion	248	Resp	219257
Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	85.4	74.4	111.6

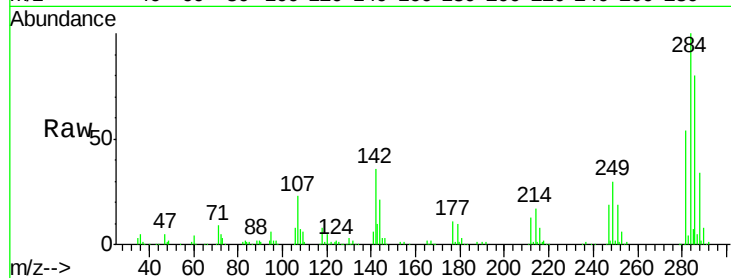




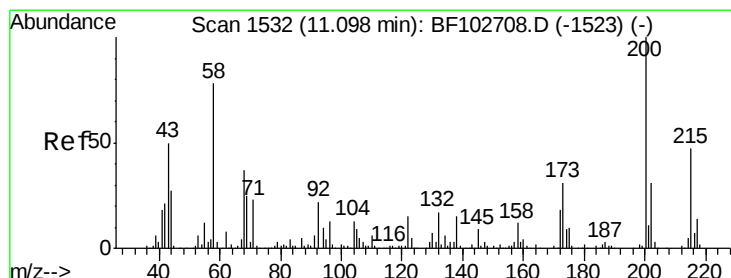
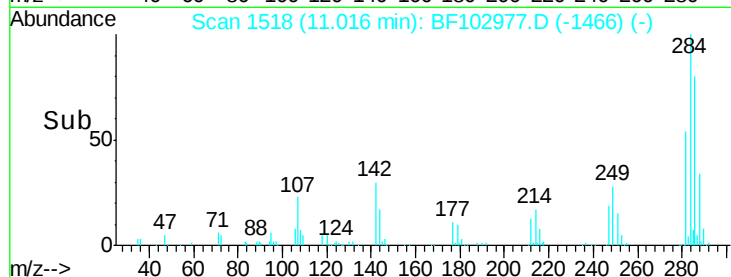
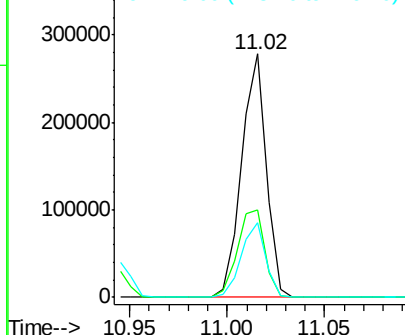
#67
Hexachlorobenzene
Concen: 37.648 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 243304
Ion Ratio Lower Upper
284 100
142 36.1 34.6 52.0
249 30.4 24.8 37.2

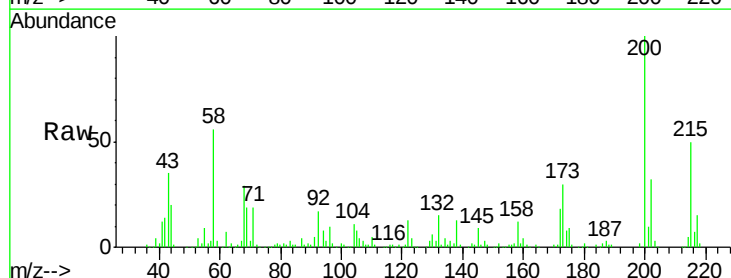


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

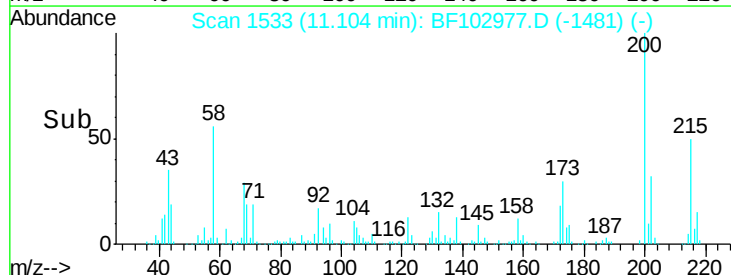
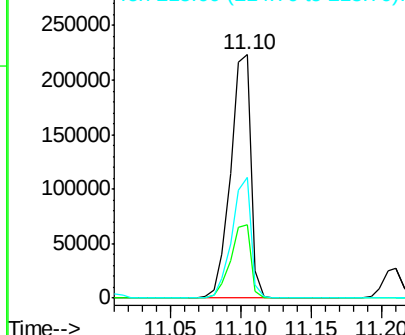


#68
Atrazine
Concen: 38.793 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:200 Resp: 223554
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 49.5 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

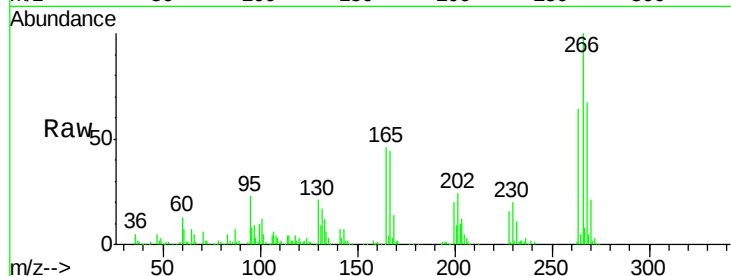




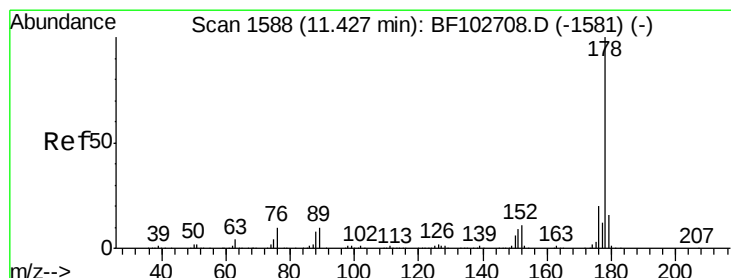
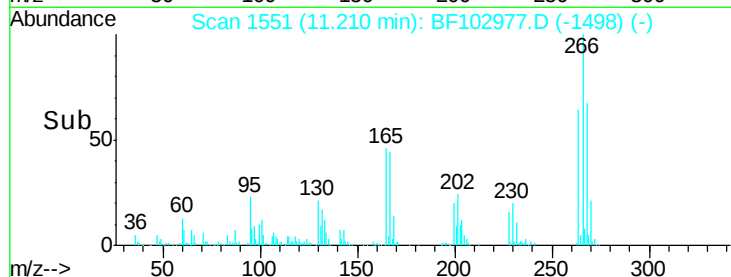
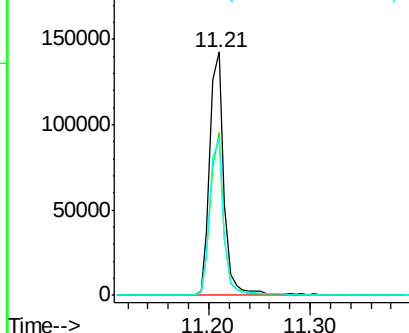
#69
 Pentachlorophenol
 Concen: 37.250 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 141314
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.1 76.7
 264 63.8 49.5 74.3

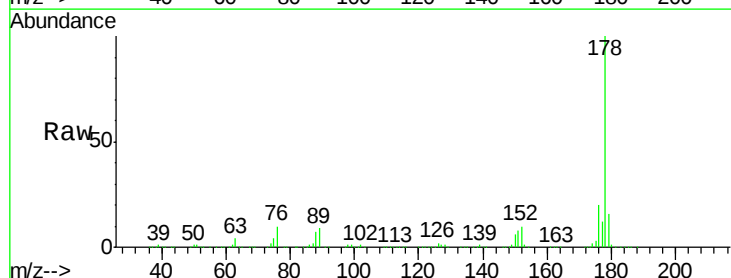


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

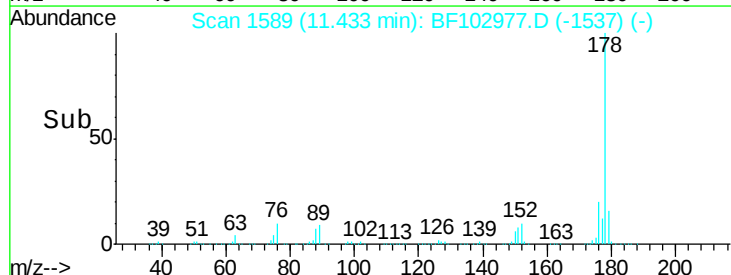
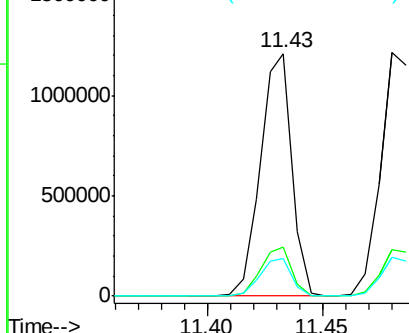


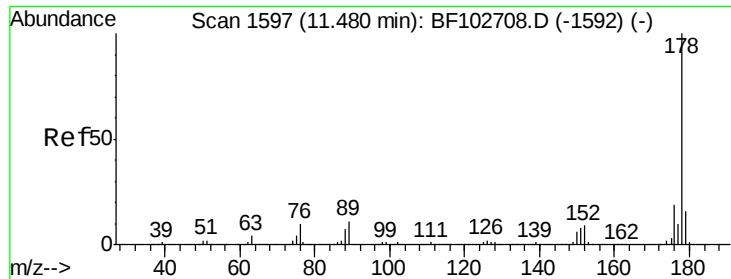
#70
 Phenanthrene
 Concen: 37.112 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion:178 Resp: 1144639
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.7 13.0 19.6



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

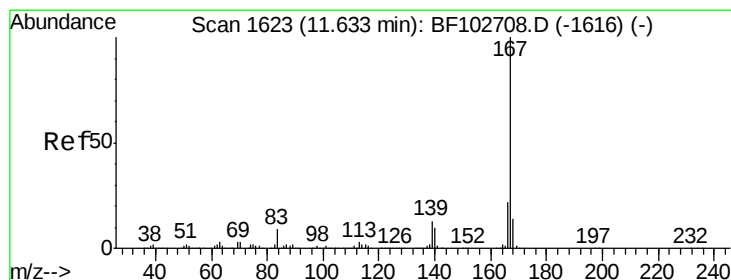
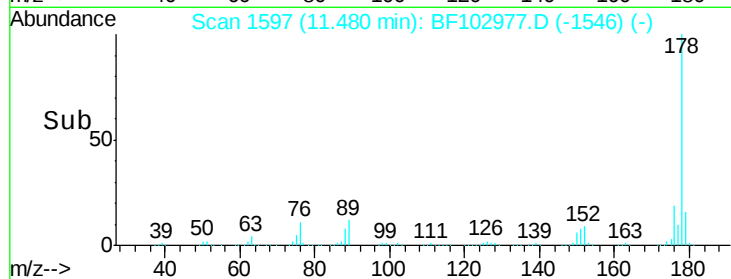
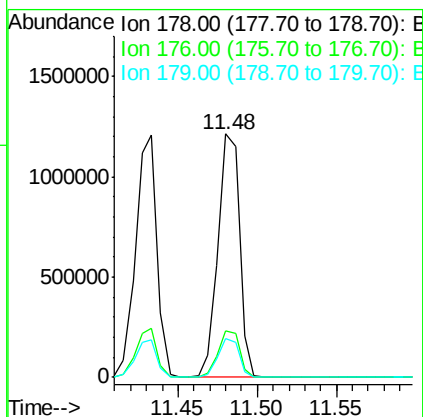
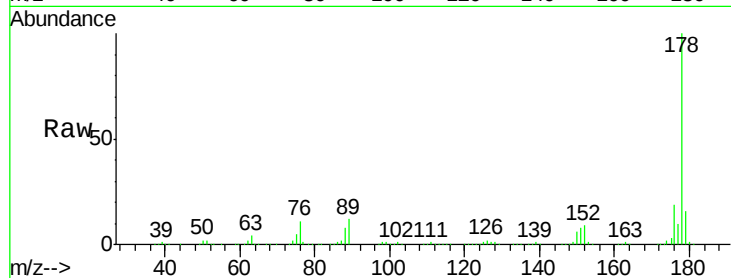




#71
 Anthracene
 Concen: 36.899 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

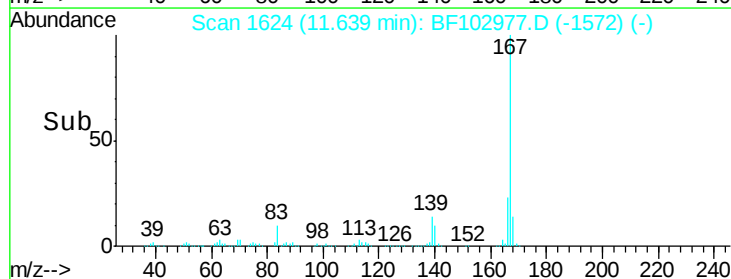
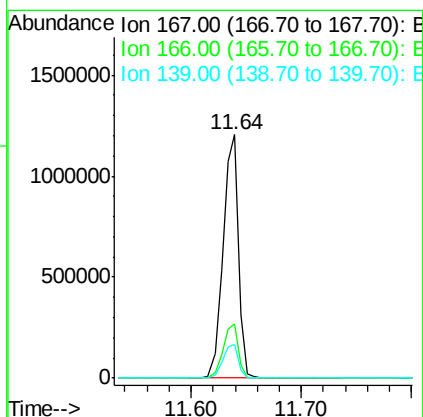
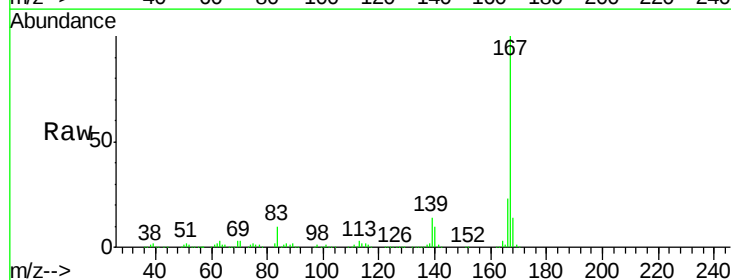
Instrument :
 BNA_F
 ClientSampleId :

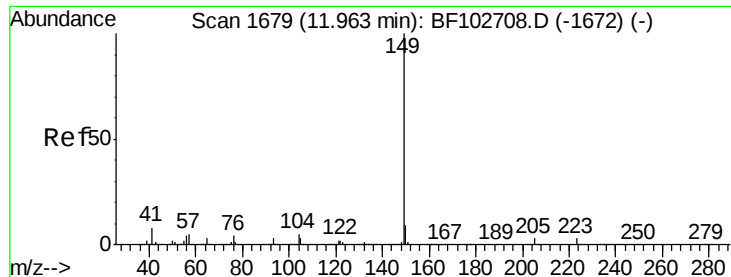
Tot Ion:178 Resp: 1157514
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.000 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion:167 Resp: 1167856
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.221 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

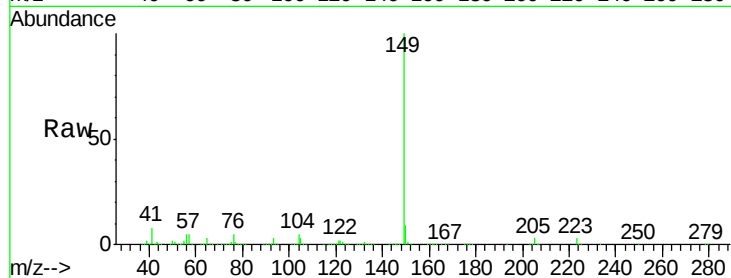
Tot Ion:149 Resp: 1501547

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

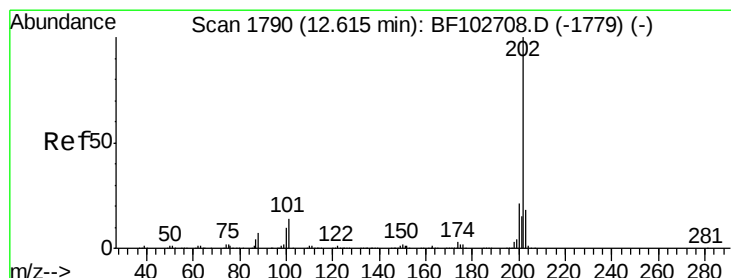
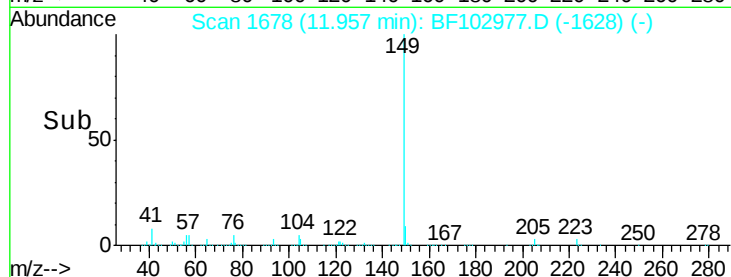
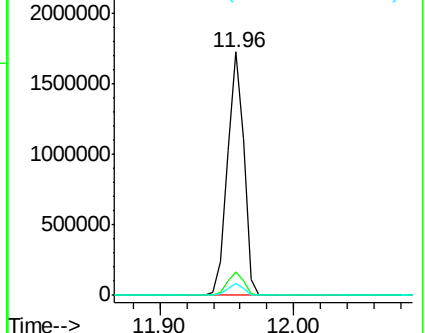
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.035 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

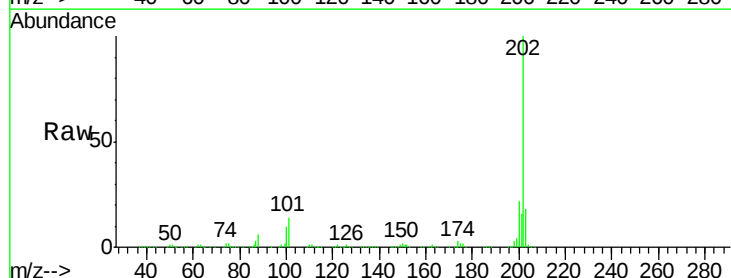
Tgt Ion:202 Resp: 1180282

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

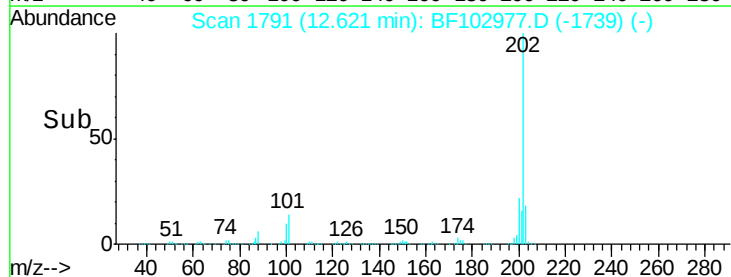
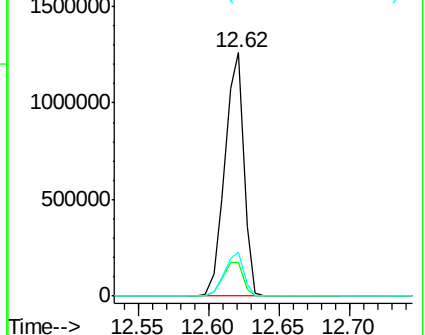
203 17.8 0.0 38.1

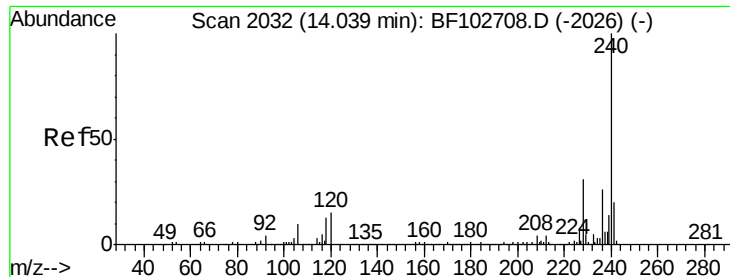


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

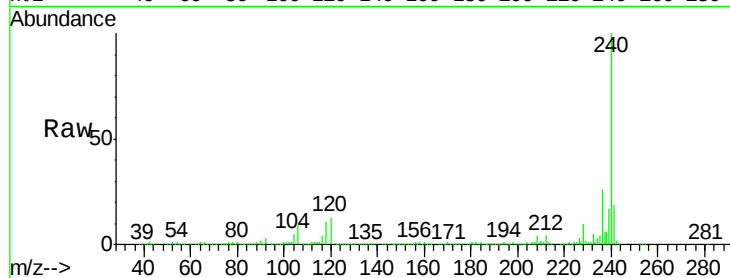
Tot Ion:240 Resp: 437656

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

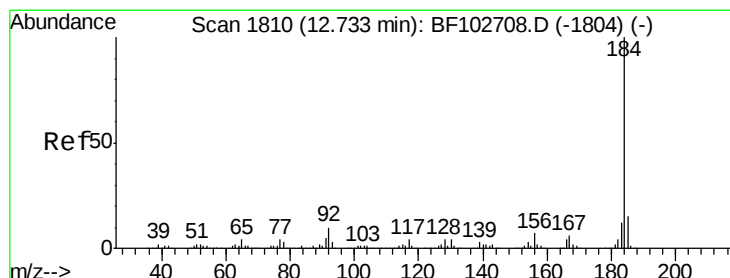
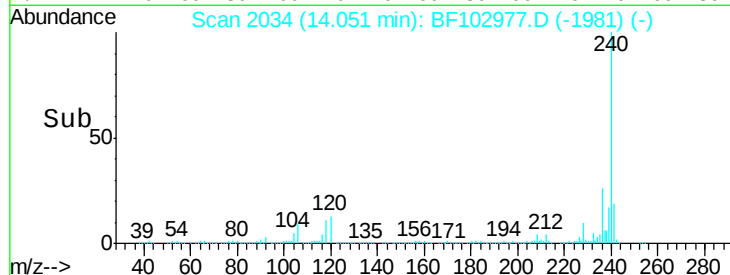
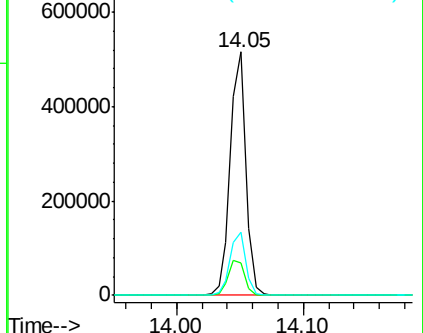
236 26.0 20.7 31.1



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: 32.871 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

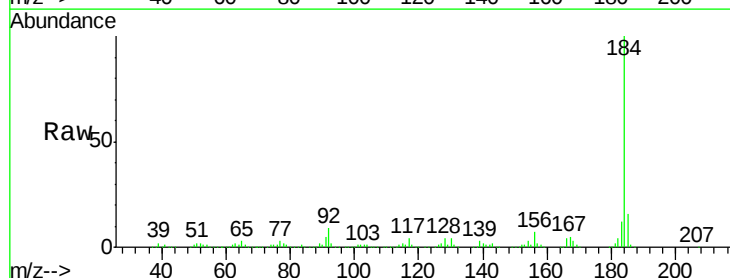
Tgt Ion:184 Resp: 661185

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

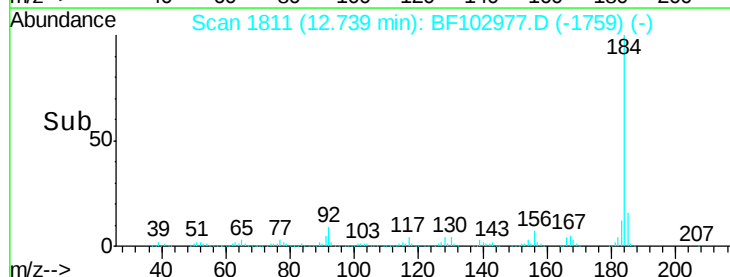
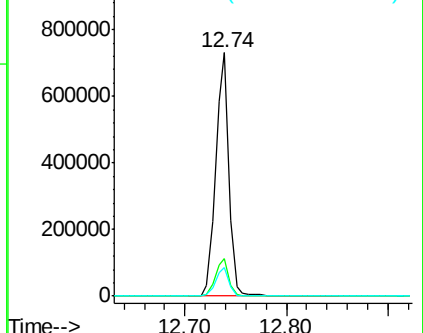
183 11.8 9.3 13.9



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

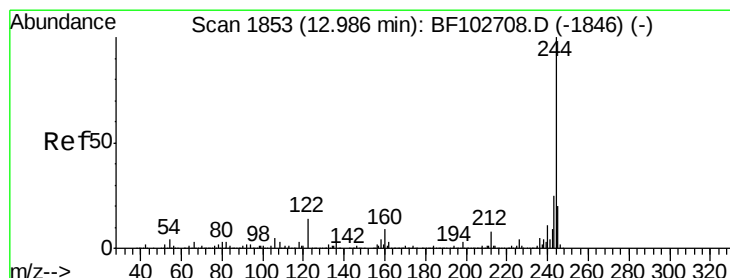
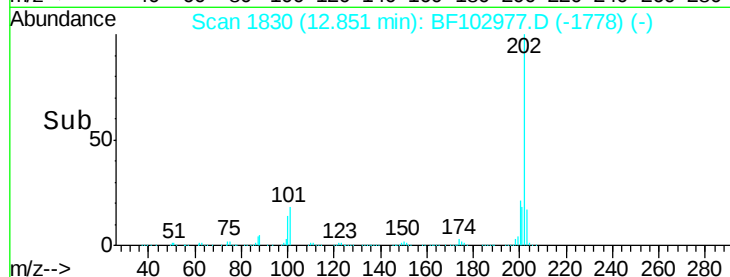
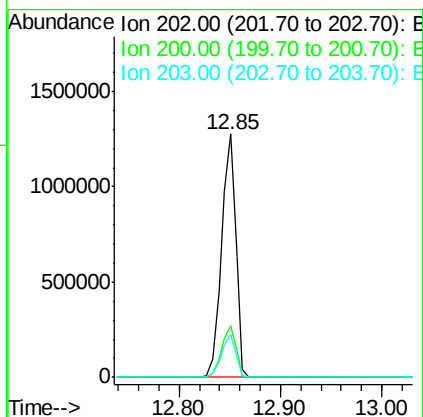
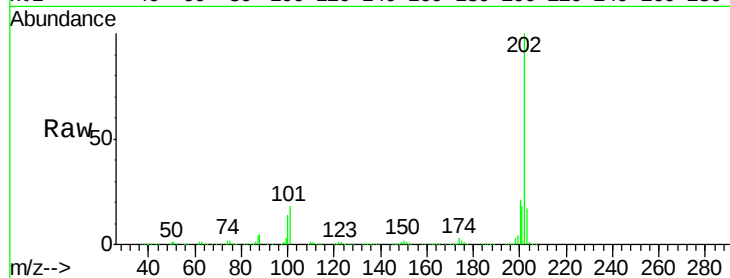




#77
Pvrene
Concen: 36.207 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

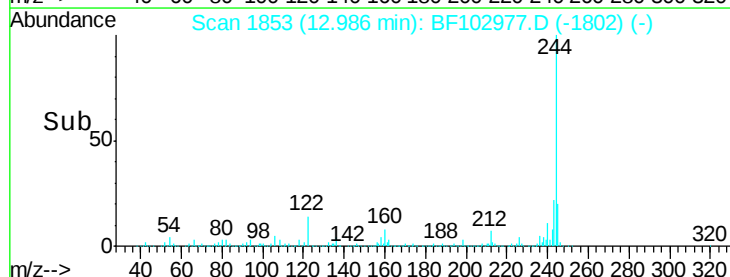
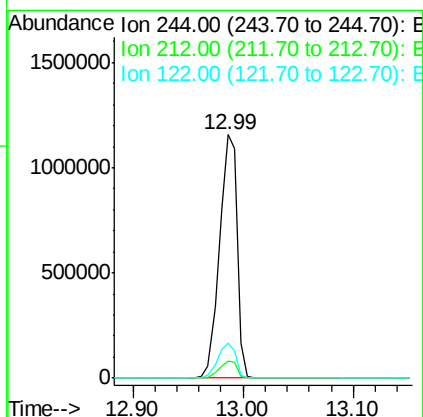
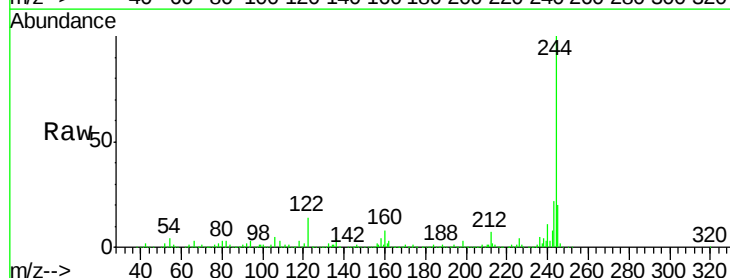
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1242596
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 69.494 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:244 Resp: 1284509
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.2 11.0 16.4

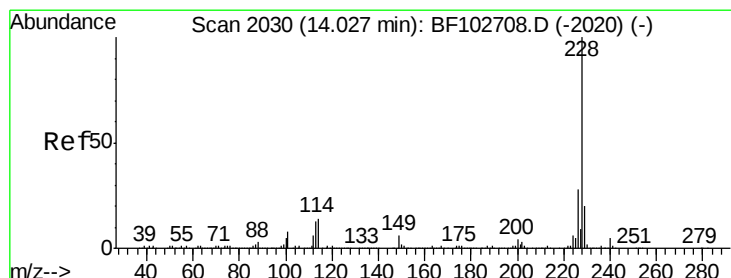
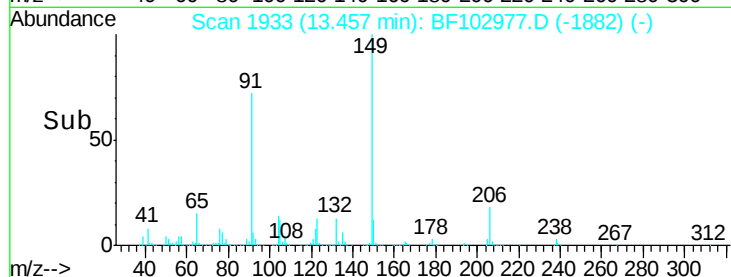
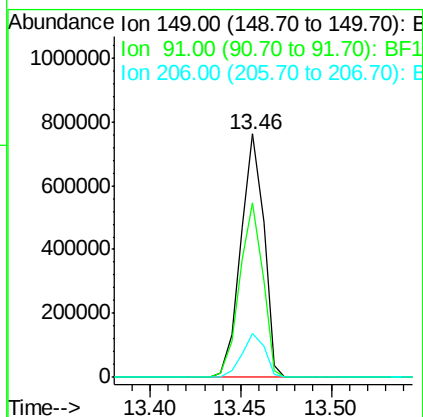
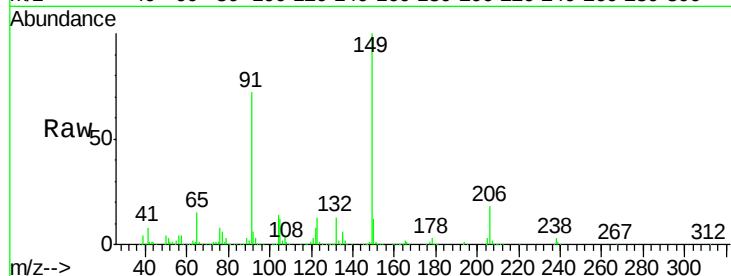




#79
Butylbenzylphthalate
Concen: 41.191 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

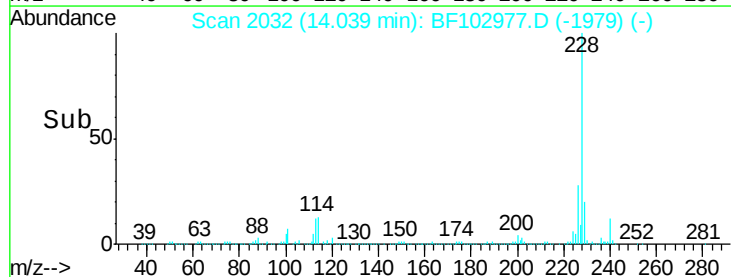
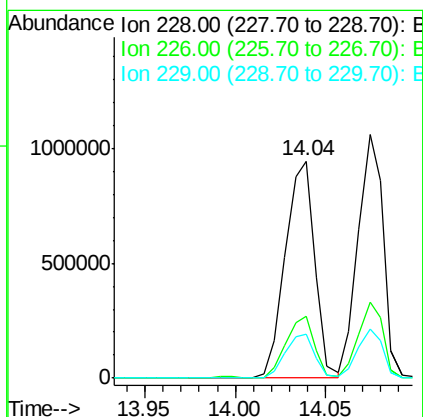
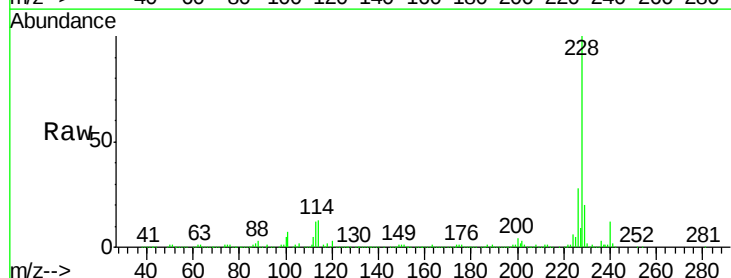
Instrument :
BNA_F
ClientSampleId :

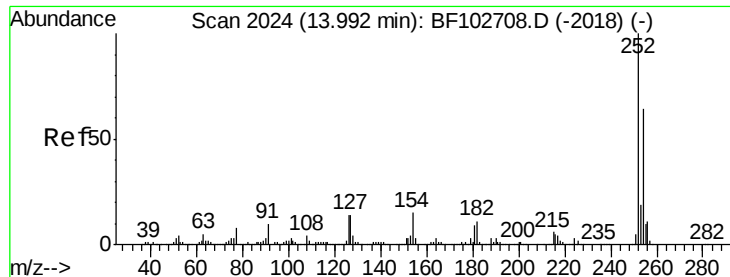
Tot Ion:149 Resp: 673763
Ion Ratio Lower Upper
149 100
91 71.8 56.8 85.2
206 17.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.050 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:228 Resp: 1074824
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.2 15.8 23.6

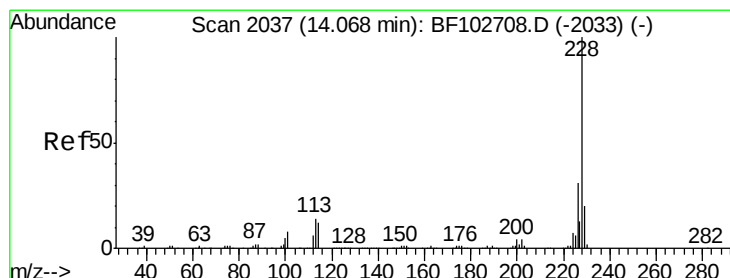
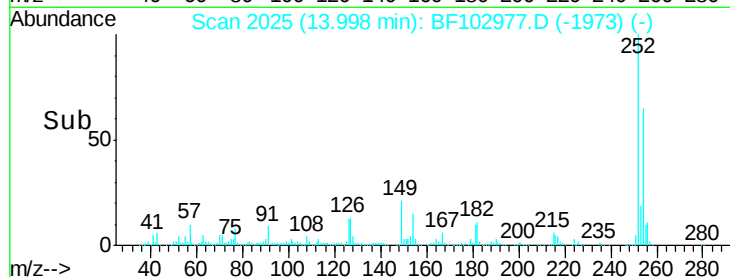
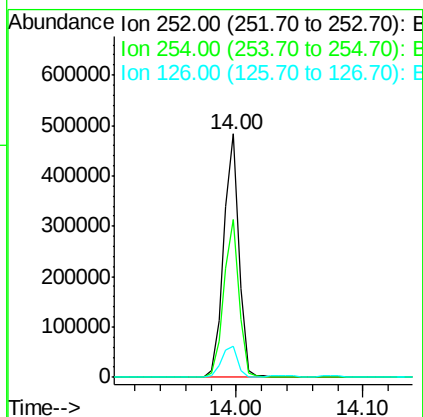
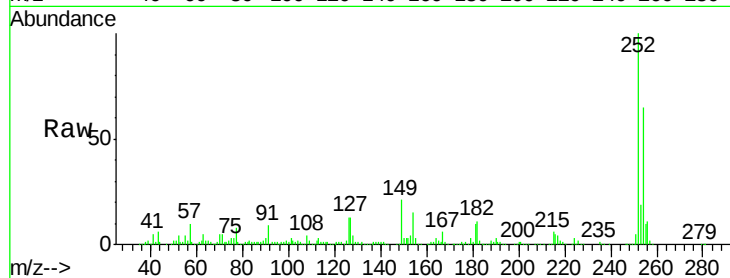




#81
 3,3'-Dichlorobenzidine
 Concen: 39.782 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

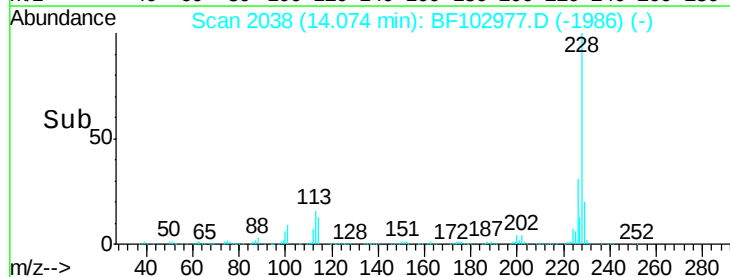
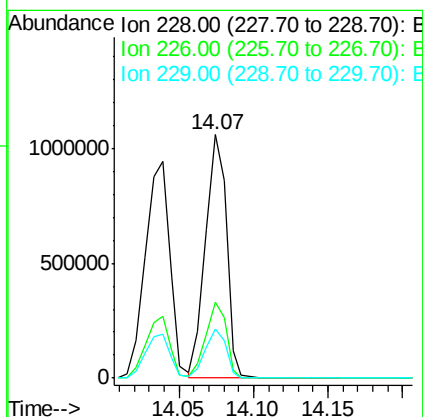
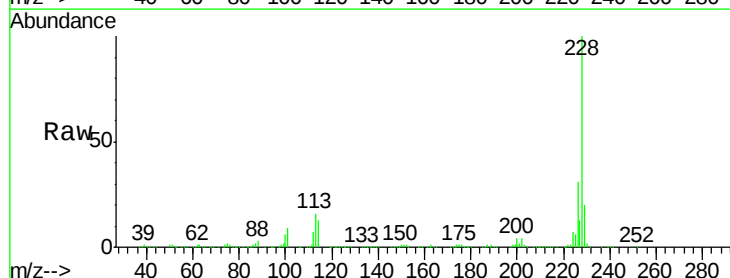
Instrument :
 BNA_F
 ClientSampleId :

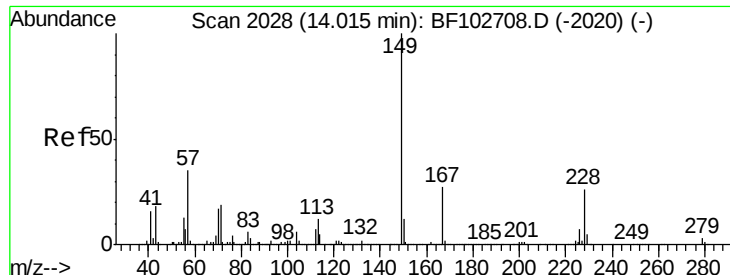
Tot Ion:252 Resp: 405995
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 12.9 11.3 16.9



#82
 Chrysene
 Concen: 37.109 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion:228 Resp: 1029616
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.037 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :

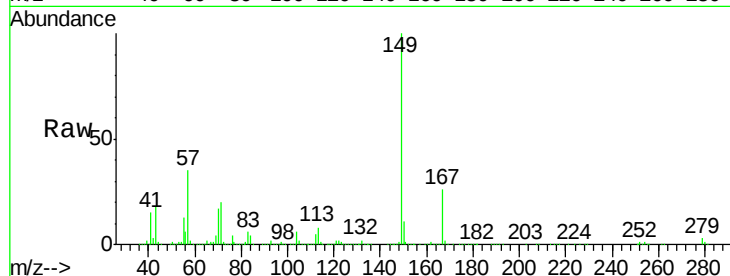
Tot Ion:149 Resp: 925812

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

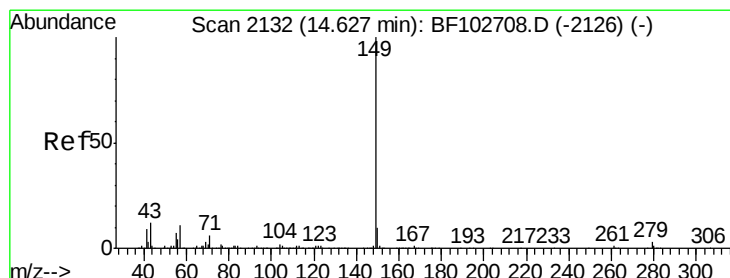
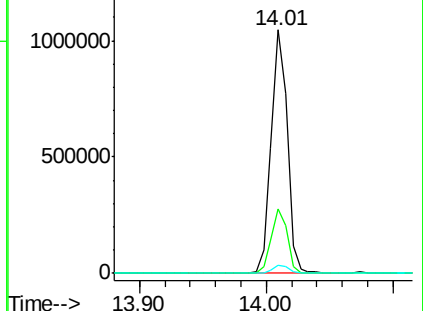
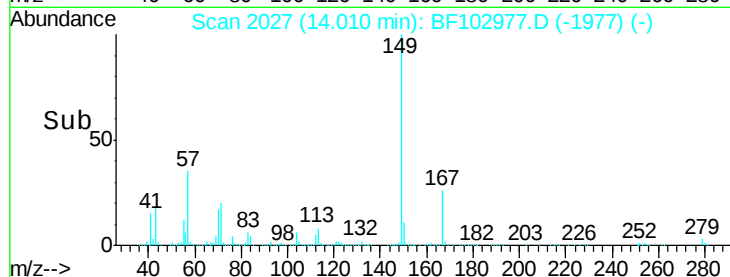
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.492 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

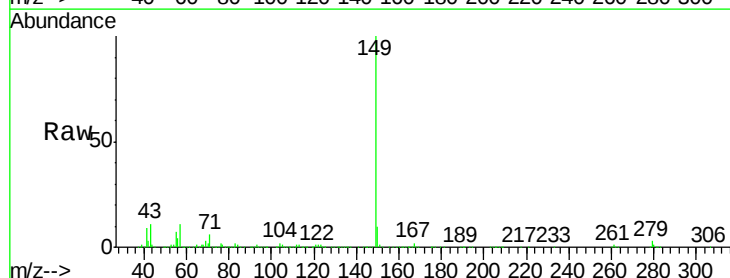
Tgt Ion:149 Resp: 1467611

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

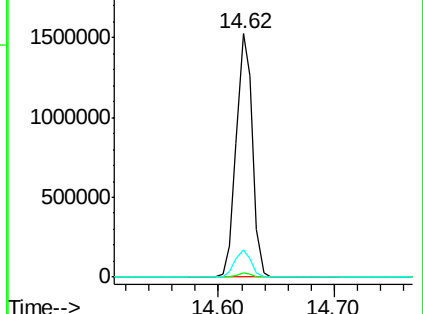
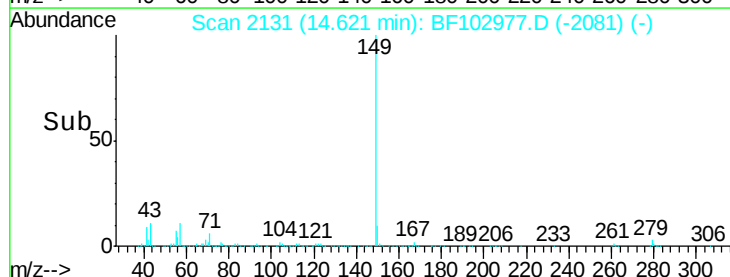
43 11.1 8.4 12.6

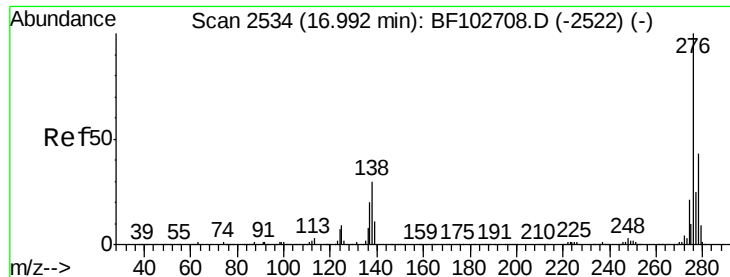


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

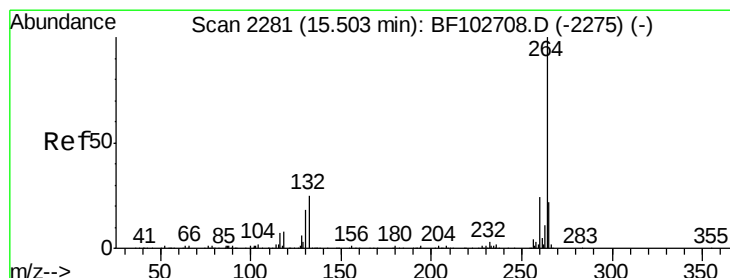
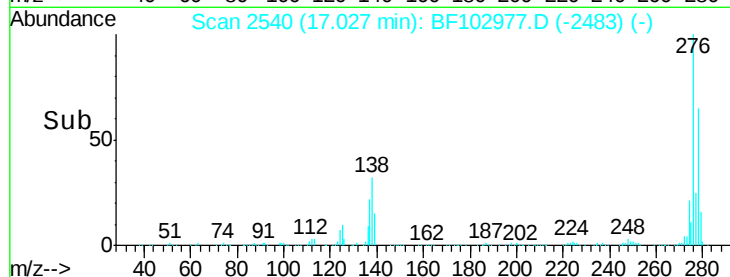
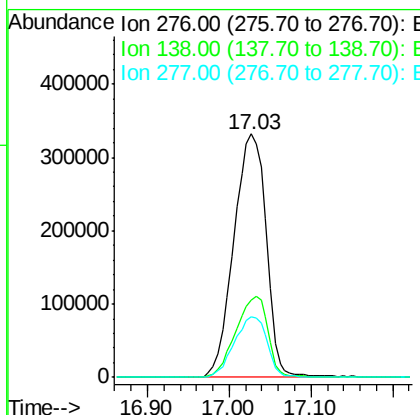
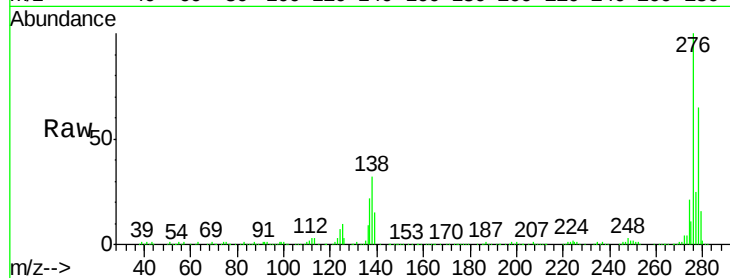




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.897 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.04 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

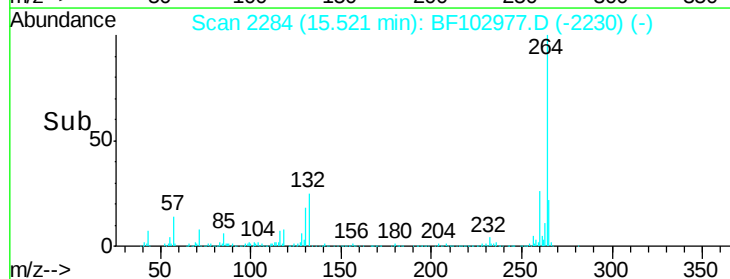
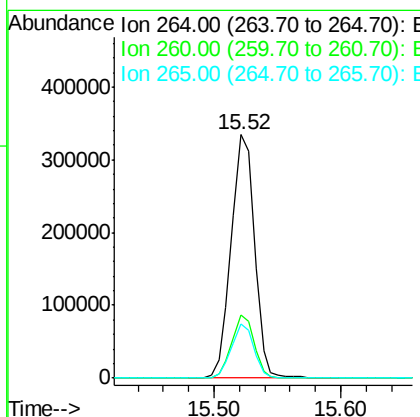
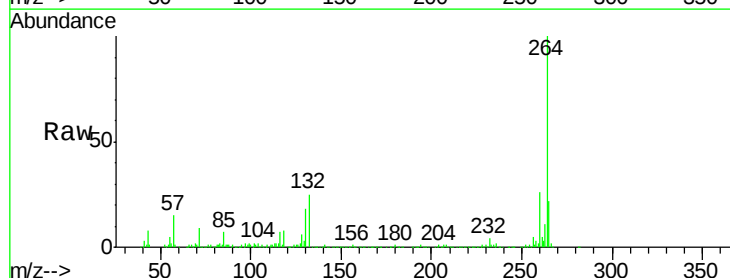
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.02 min
 Lab File: BF102977.D
 Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	22.1	17.5	26.3

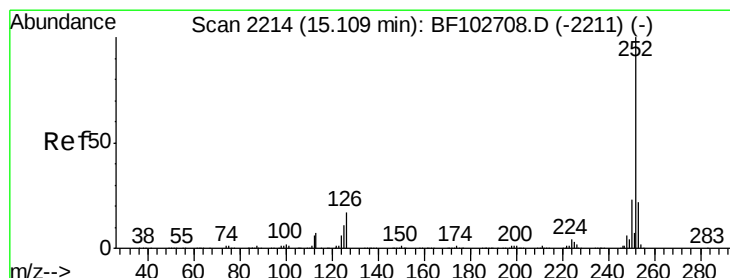
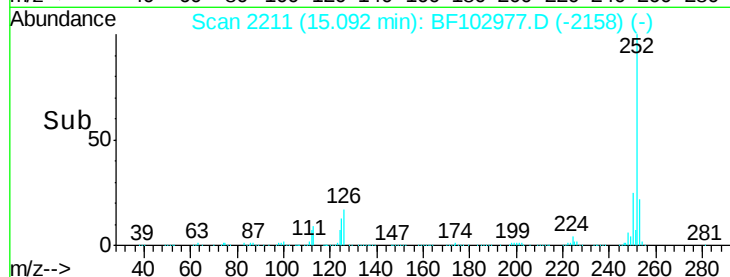
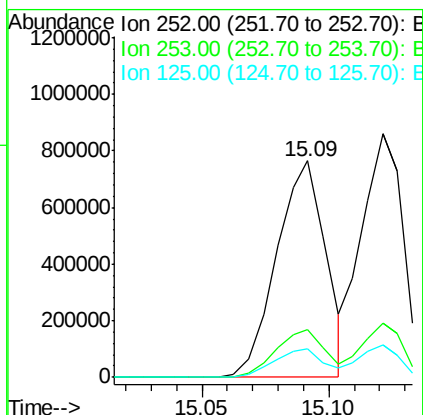
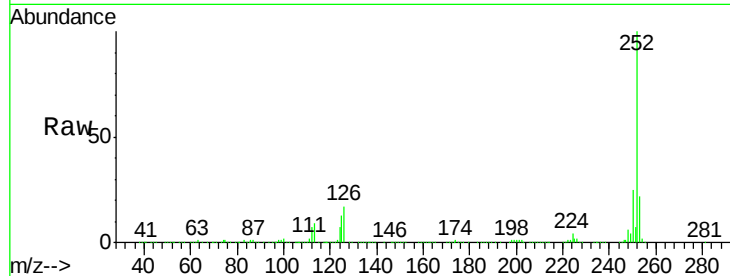




#87
Benzo(b)fluoranthene
Concen: 37.345 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

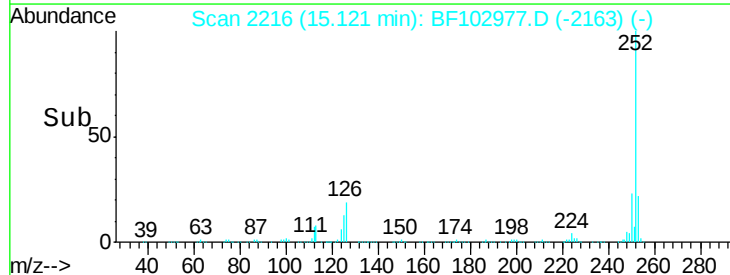
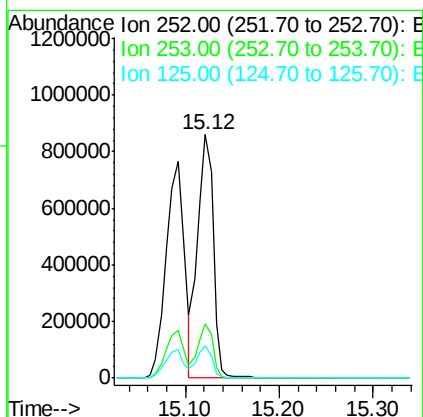
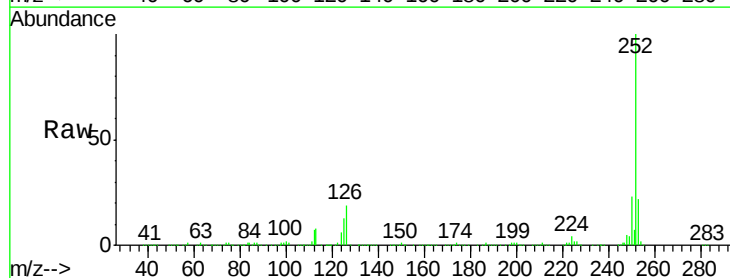
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1030586
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.904 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion:252 Resp: 999459
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.3 10.2 15.2

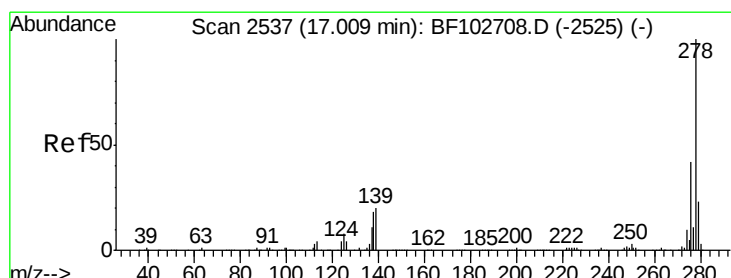
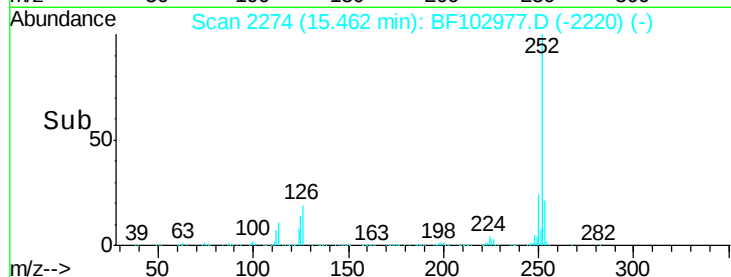
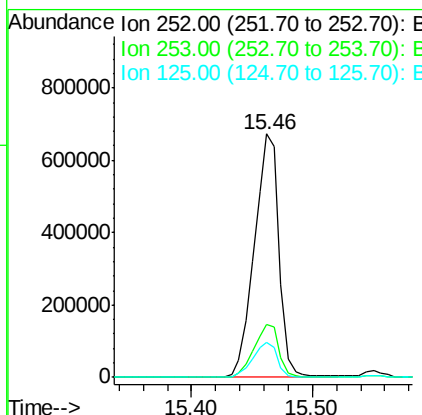
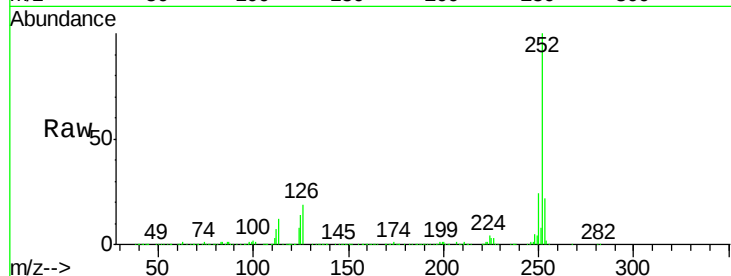




#89
Benzo(a)pyrene
Concen: 38.588 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

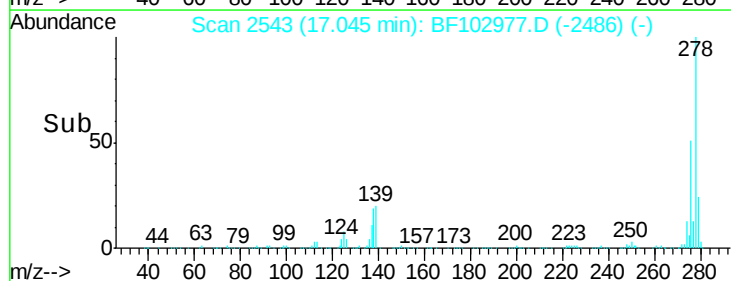
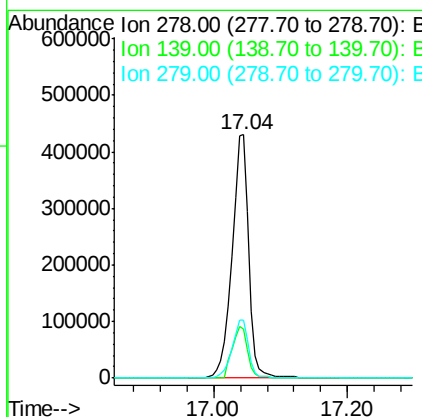
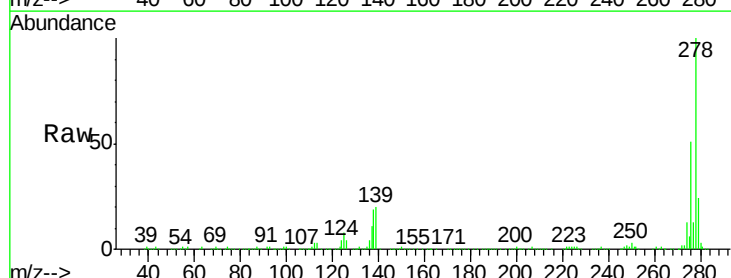
Instrument :
BNA_F
ClientSampleId :

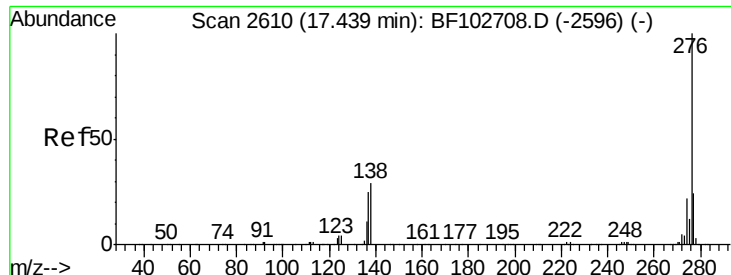
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.847 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.04 min
Lab File: BF102977.D
Acq: 14 Feb 2018 9:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.463 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.05 min

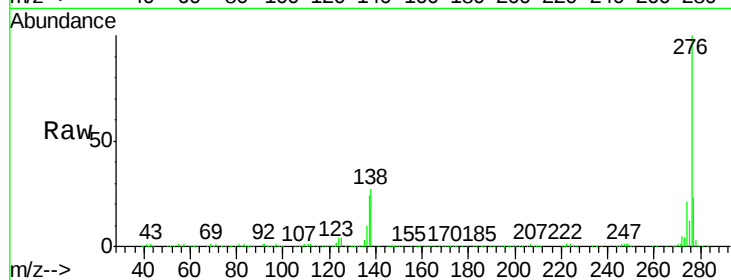
Lab File: BF102977.D

Acq: 14 Feb 2018 9:39

Instrument :

BNA_F

ClientSampleId :



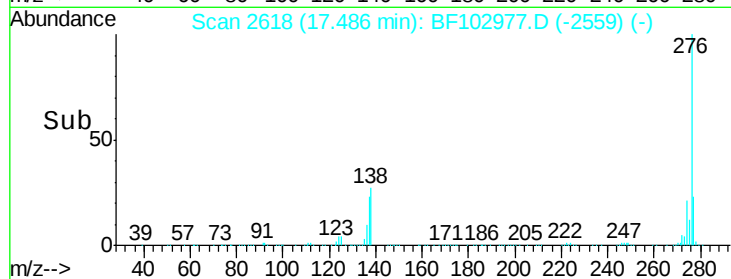
Tot Ion:276 Resp: 759041

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 27.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

