

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103189.D
 Acq On : 23 Feb 2018 10:39
 Operator : SJ/JU
 Sample : J1161-02
 Misc : L00-S-20ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 11:49:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171102	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	736101	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	340329	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	570609	20.00	ng	0.00
75) Chrysene-d12	14.07	240	413240	20.00	ng	0.02
86) Perylene-d12	15.59	264	406857	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1351716	119.48	ng	0.00
7) Phenol-d6	6.51	99	1658680	119.82	ng	0.00
23) Nitrobenzene-d5	7.44	82	1302291	101.03	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	354825	123.17	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1862773	97.65	ng	0.00
78) Terphenyl-d14	12.99	244	1550737	90.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	109637	18.349	ng	91
3) Pyridine	3.47	79	295029	18.495	ng	96
4) n-Nitrosodimethylamine	3.36	42	127069	19.752	ng	93
6) Aniline	6.54	93	402273	20.135	ng	96
8) 2-Chlorophenol	6.66	128	223258	18.997	ng	91
9) Benzaldehyde	6.43	77	139610	13.662	ng	99
10) Phenol	6.52	94	301424	18.756	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	244320	20.031	ng	97
12) 1,3-Dichlorobenzene	6.81	146	269317	20.053	ng	96
13) 1,4-Dichlorobenzene	6.89	146	267874	19.894	ng	100
14) 1,2-Dichlorobenzene	7.05	146	241019	19.412	ng	98
15) Benzyl Alcohol	7.01	79	219376	21.030	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420079	20.056	ng	99
17) 2-Methylphenol	7.12	107	211445	19.798	ng	98
18) Hexachloroethane	7.38	117	98892	20.175	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	179695	20.857	ng	94
20) 3+4-Methylphenols	7.27	107	263862	20.267	ng	# 70
22) Acetophenone	7.28	105	354008	20.604	ng	# 92
24) Nitrobenzene	7.46	77	275435	19.409	ng	99
25) Isophorone	7.69	82	496617	19.563	ng	95
26) 2-Nitrophenol	7.77	139	132484	19.831	ng	95
27) 2,4-Dimethylphenol	7.80	122	193409	18.940	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	299588	20.072	ng	99
29) 2,4-Dichlorophenol	8.01	162	190223	19.456	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	205047	19.695	ng	98
31) Naphthalene	8.17	128	721929	20.032	ng	99
32) Benzoic acid	7.92	122	141394	22.889	ng	94
33) 4-Chloroaniline	8.23	127	311190	20.011	ng	100
34) Hexachlorobutadiene	8.29	225	107362	19.803	ng	98
35) Caprolactam	8.59	113	66830	19.449	ng	# 80
36) 4-Chloro-3-methylphenol	8.70	107	220119	19.961	ng	99
37) 2-Methylnaphthalene	8.87	142	475097	20.399	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	187734	20.178	ng	98
40) Hexachlorocyclopentadiene	9.02	237	37125	18.945	ng	96

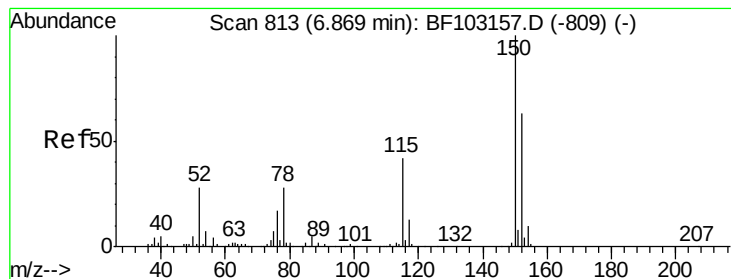
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103189.D
 Acq On : 23 Feb 2018 10:39
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	124034	19.813	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	134418	18.668	nq	95
45) 1,1'-Biphenyl	9.33	154	581365	20.386	nq	98
46) 2-Chloronaphthalene	9.36	162	447529	19.836	nq	99
47) 2-Nitroaniline	9.46	65	165411	19.793	nq	93
48) Acenaphthylene	9.77	152	698405	20.119	nq	99
49) Dimethylphthalate	9.63	163	533318	19.534	nq	98
50) 2,6-Dinitrotoluene	9.69	165	113262	19.769	nq #	86
51) Acenaphthene	9.95	154	404921	20.004	nq	100
52) 3-Nitroaniline	9.86	138	139994	19.259	nq #	94
53) 2,4-Dinitrophenol	9.98	184	31186	22.878	nq #	19
54) Dibenzofuran	10.12	168	589454	21.214	nq	97
55) 4-Nitrophenol	10.03	139	77958	17.304	nq	89
56) 2,4-Dinitrotoluene	10.10	165	149268	20.600	nq	91
57) Fluorene	10.46	166	463128	19.566	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	96339	19.917	nq	96
59) Diethylphthalate	10.33	149	519396	19.891	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	205730	20.496	nq	96
61) 4-Nitroaniline	10.48	138	137213	18.899	nq	92
62) Azobenzene	10.61	77	545448	20.522	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	65083	21.760	nq	92
65) n-Nitrosodiphenylamine	10.57	169	404887	20.379	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	119251	20.062	nq	95
67) Hexachlorobenzene	11.01	284	127979	19.837	nq	96
68) Atrazine	11.09	200	112751	18.881	nq	99
69) Pentachlorophenol	11.20	266	59081	18.939	nq	95
70) Phenanthrene	11.43	178	628961	20.029	nq	98
71) Anthracene	11.47	178	651790	20.241	nq	100
72) Carbazole	11.63	167	639044	19.928	nq	99
73) Di-n-butylphthalate	11.95	149	812940	20.260	nq	99
74) Fluoranthene	12.62	202	625709	19.829	nq	98
76) Benzidine	12.73	184	206720	13.381	nq	96
77) Pyrene	12.84	202	651351	20.217	nq	100
79) Butylbenzylphthalate	13.46	149	336351	19.759	nq	93
80) Benzo(a)anthracene	14.06	228	530963	19.803	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	178331	18.637	nq	97
82) Chrysene	14.10	228	525795	20.196	nq	97
83) Bis(2-ethylhexyl)phthalate	14.03	149	483521	21.049	nq #	100
84) Di-n-octyl phthalate	14.68	149	743934	20.044	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	455797	22.115	nq	98
87) Benzo(b)fluoranthene	15.15	252	482240	18.027	nq	98
88) Benzo(k)fluoranthene	15.18	252	498535	19.791	nq	99
89) Benzo(a)pyrene	15.53	252	463374	19.398	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	372981	20.206	nq	96
91) Benzo(g,h,i)perylene	17.57	276	375959	20.840	nq	98

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

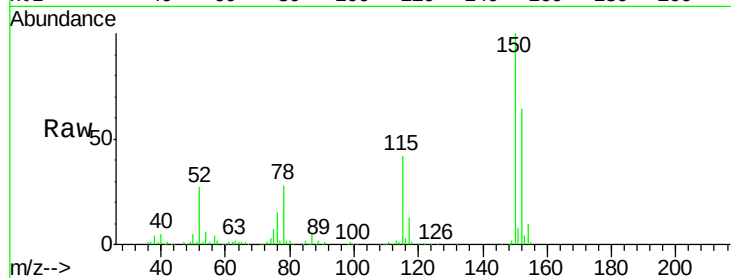


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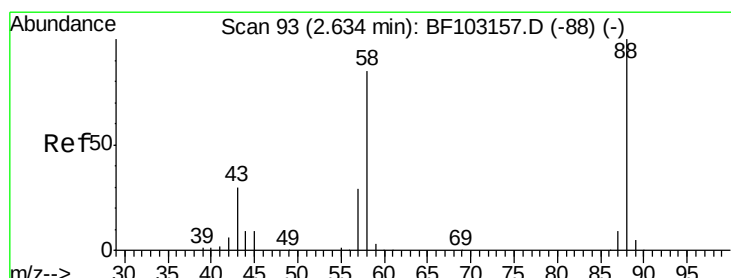
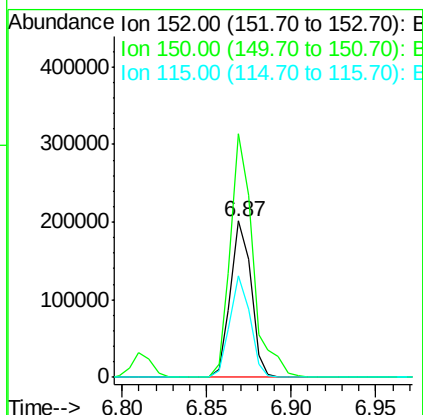
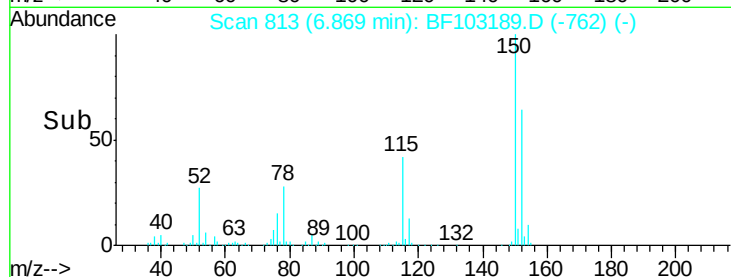
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	65.0	50.1	75.1



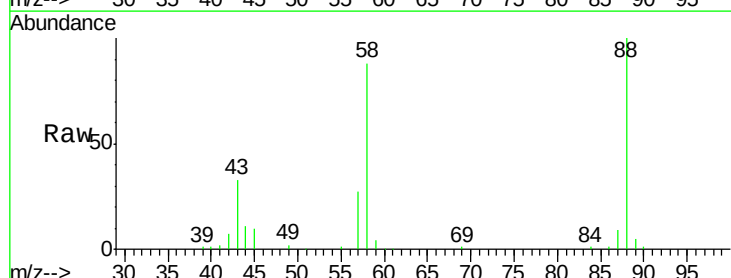
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



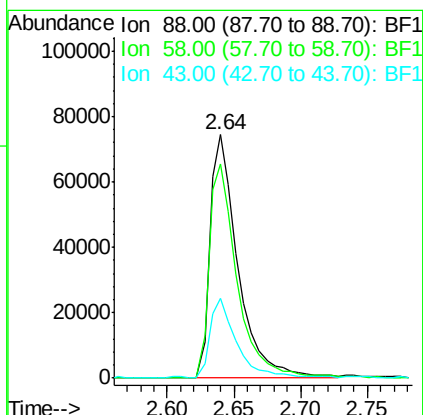
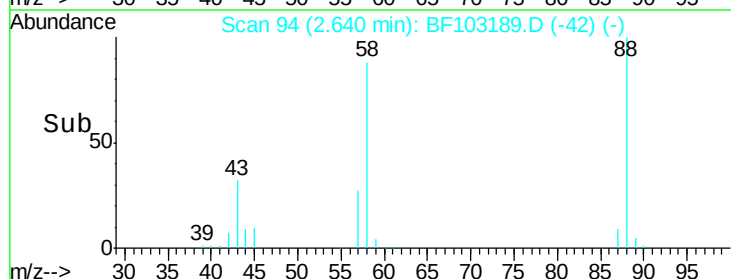
#2

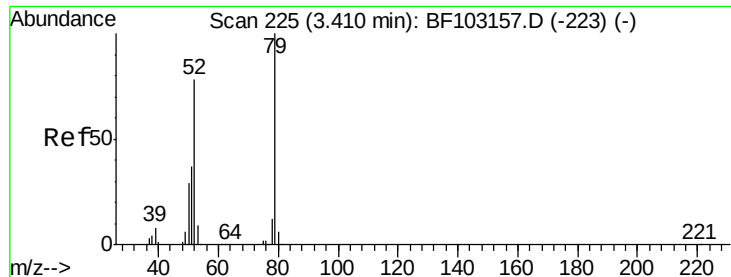
1,4-Dioxane
Concen: 18.349 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	62.6	93.8
43	31.1	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: 18.495 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

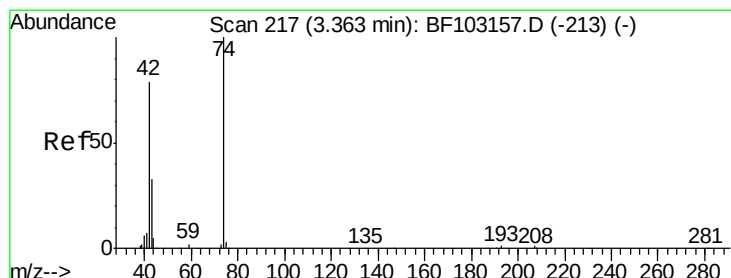
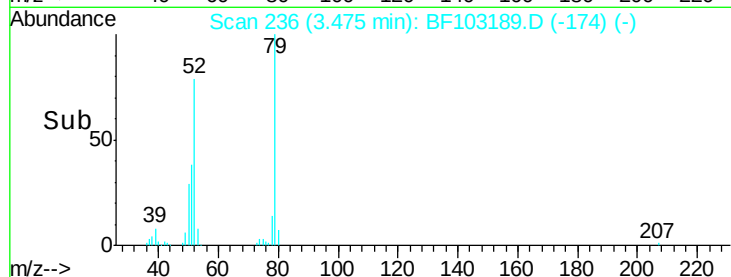
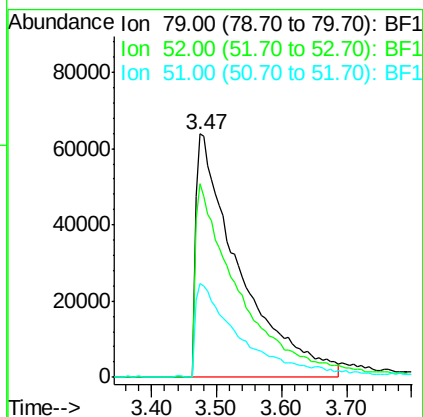
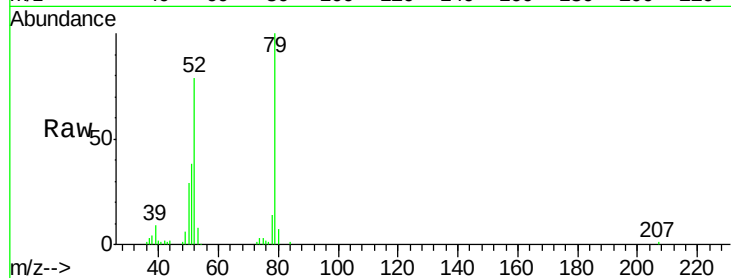
Tot Ion: 79 Resp: 295029

Ion Ratio Lower Upper

79 100

52 79.5 59.8 89.6

51 38.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 19.752 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

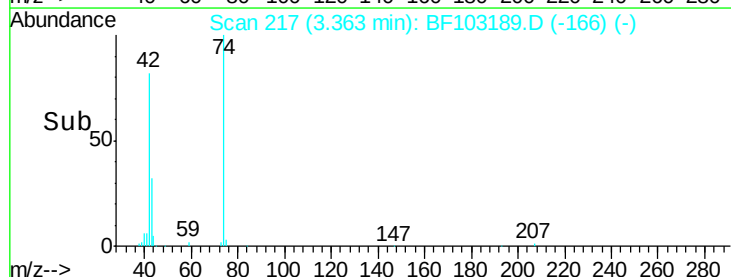
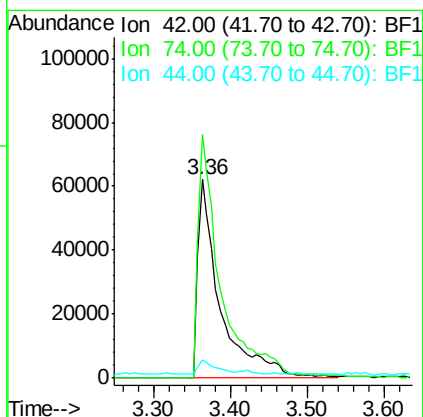
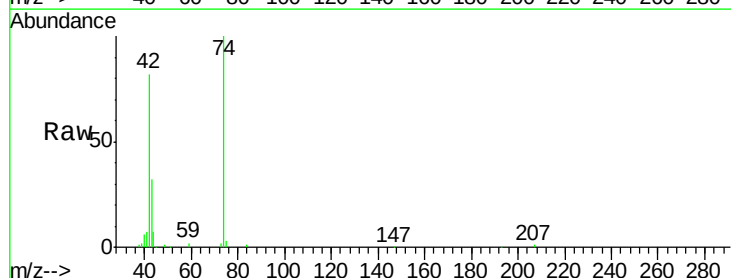
Tgt Ion: 42 Resp: 127069

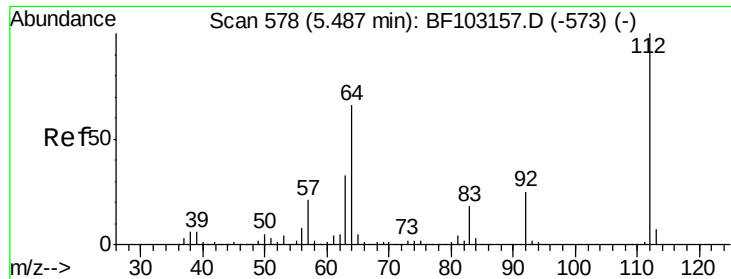
Ion Ratio Lower Upper

42 100

74 122.5 104.9 157.3

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 119.483 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

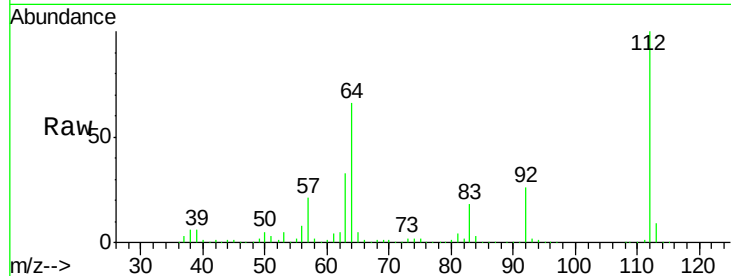
Tot Ion:112 Resp: 1351716

Ion Ratio Lower Upper

112 100

64 65.6 47.9 71.9

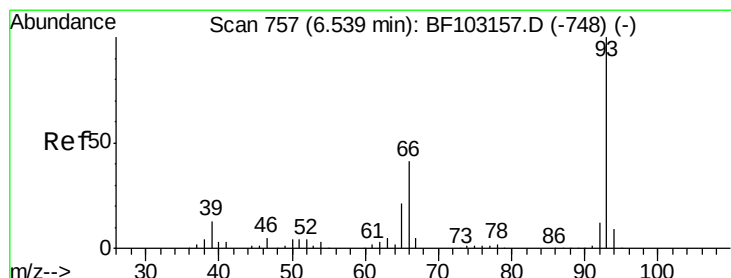
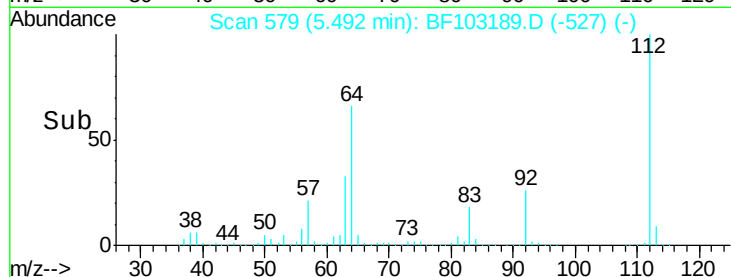
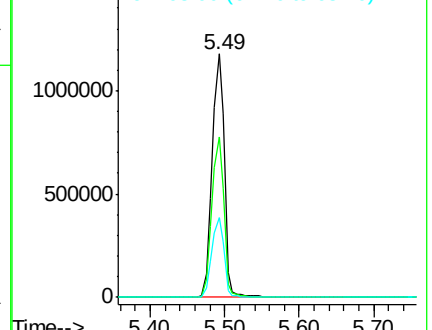
63 32.8 23.7 35.5



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: 20.135 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

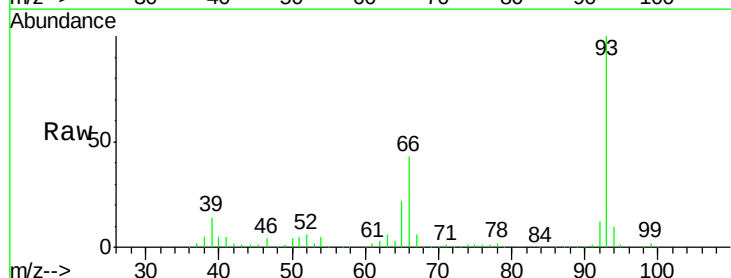
Tgt Ion: 93 Resp: 402273

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

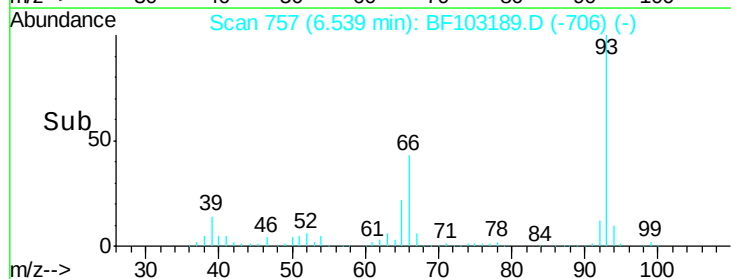
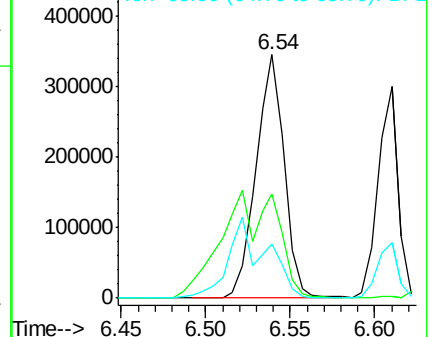
65 22.2 16.4 24.6

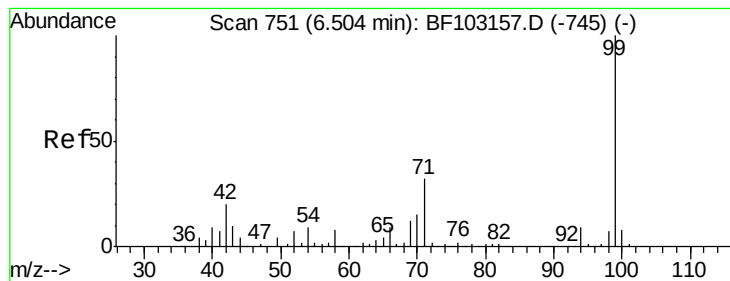


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.819 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

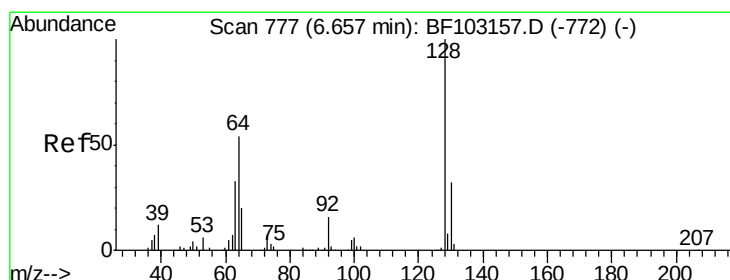
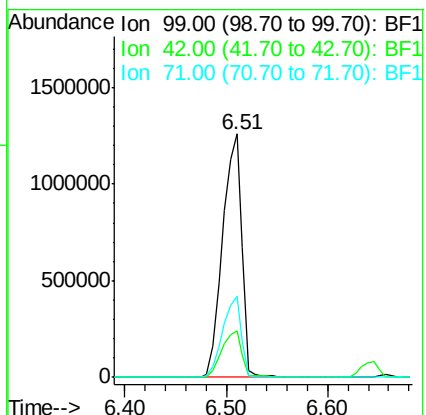
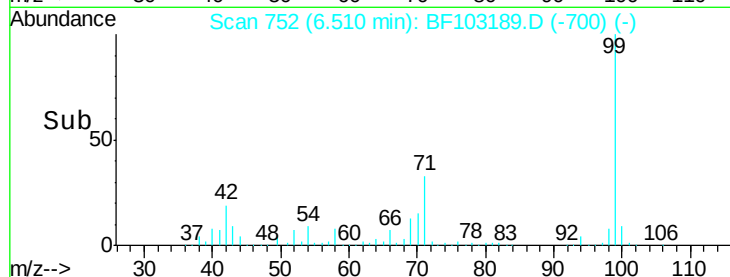
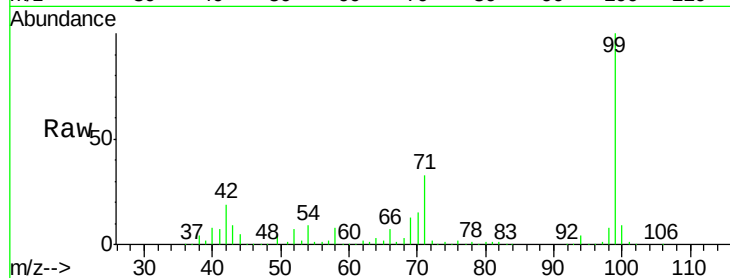
Tot Ion: 99 Resp: 1658680

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.3 25.4 38.0



#8

2-Chlorophenol

Concen: 18.997 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

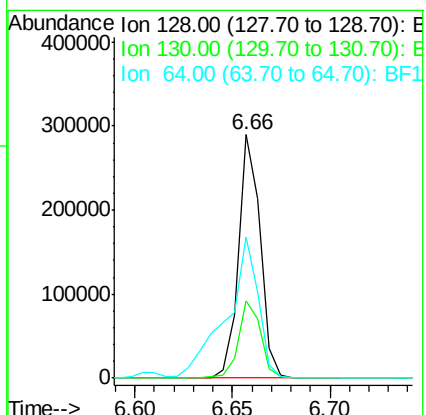
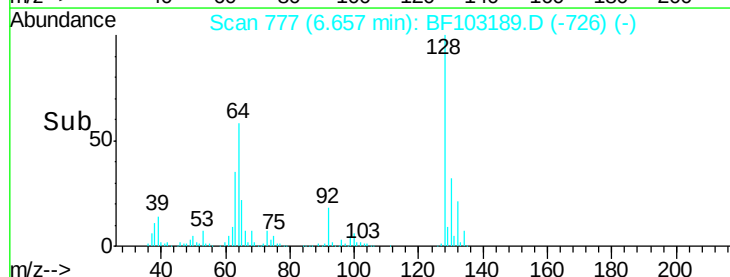
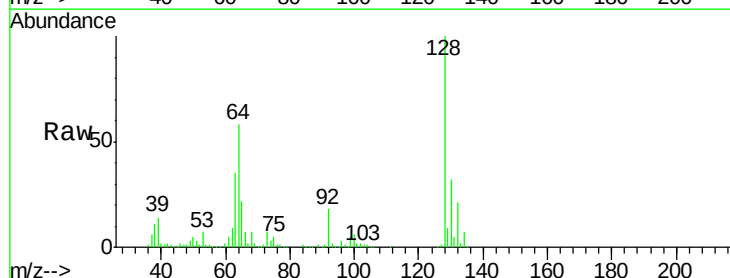
Tgt Ion: 128 Resp: 223258

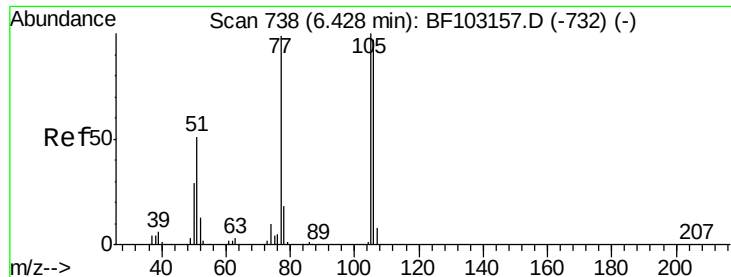
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 58.2 29.4 69.4





#9

Benzaldehyde

Concen: 13.662 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

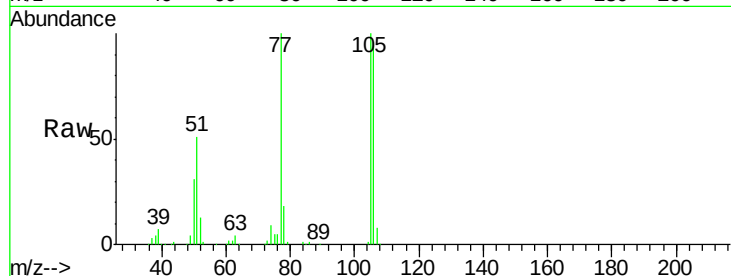
Tot Ion: 77 Resp: 139610

Ion Ratio Lower Upper

77 100

105 100.0 81.1 121.1

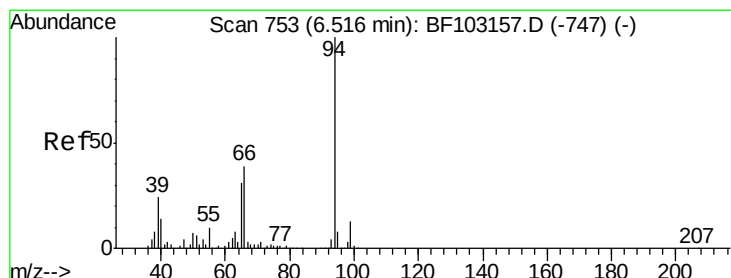
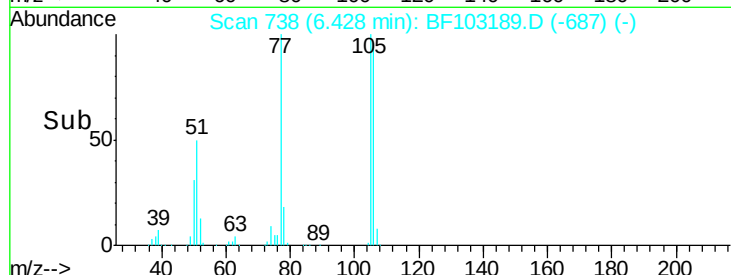
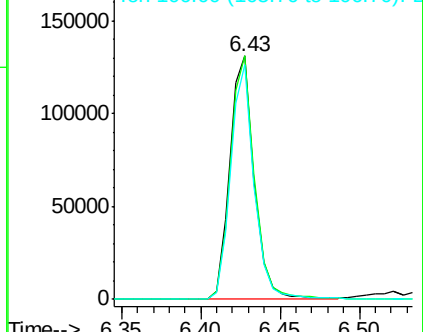
106 96.3 74.5 114.5



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: 18.756 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

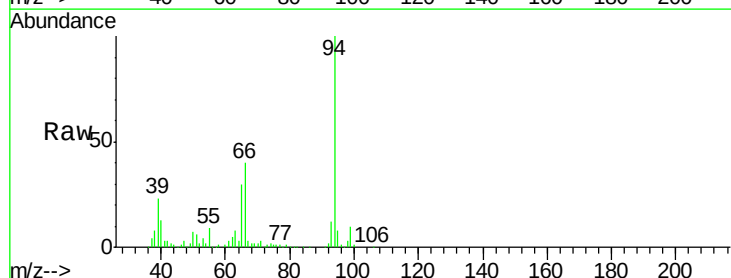
Tgt Ion: 94 Resp: 301424

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

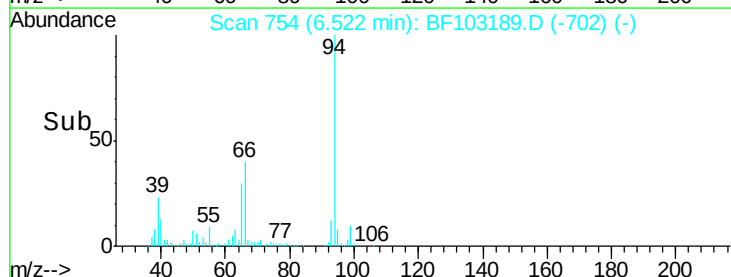
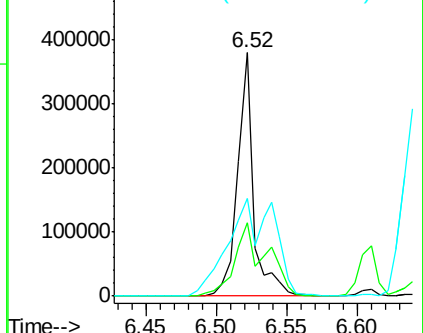
66 40.0 16.2 56.2

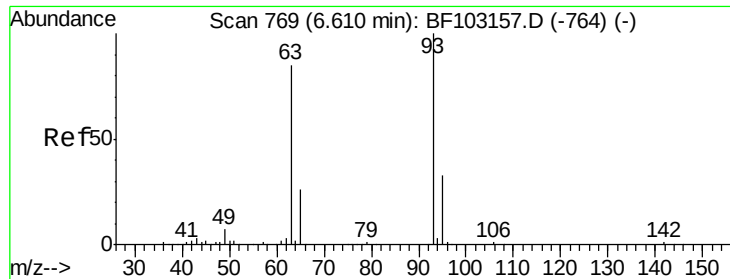


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 20.031 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

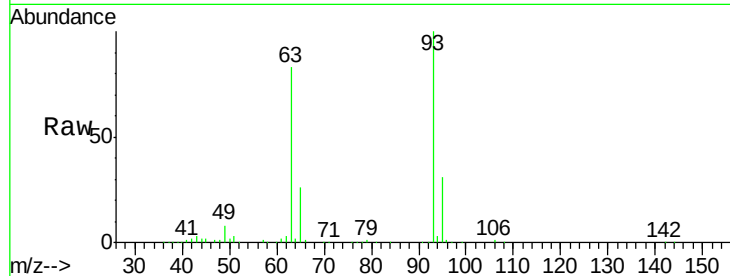
Tot Ion: 93 Resp: 244320

Ion Ratio Lower Upper

93 100

63 82.6 58.6 98.6

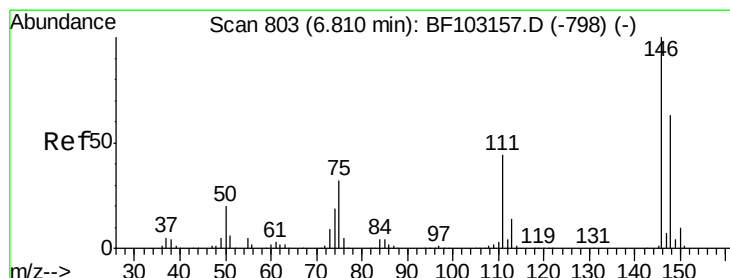
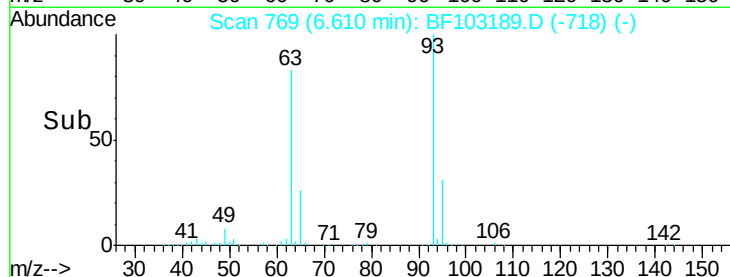
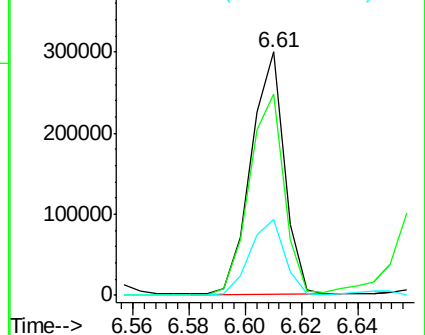
95 31.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 20.053 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

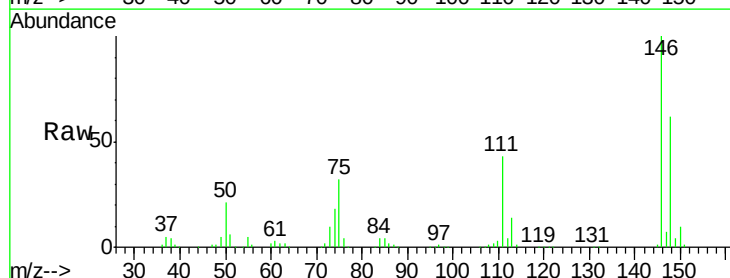
Tgt Ion: 146 Resp: 269317

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.8

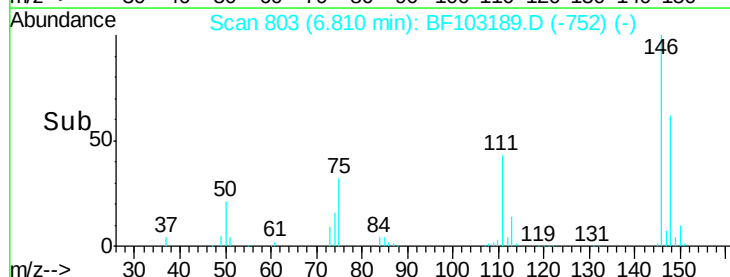
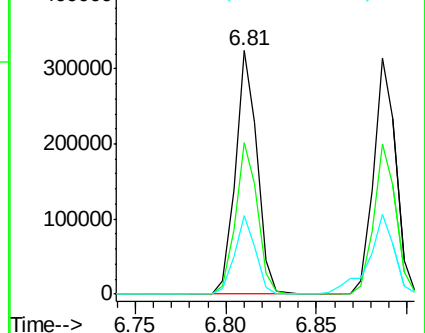
75 32.3 24.2 36.4

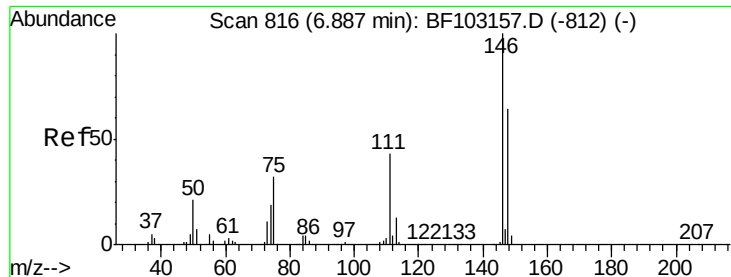


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

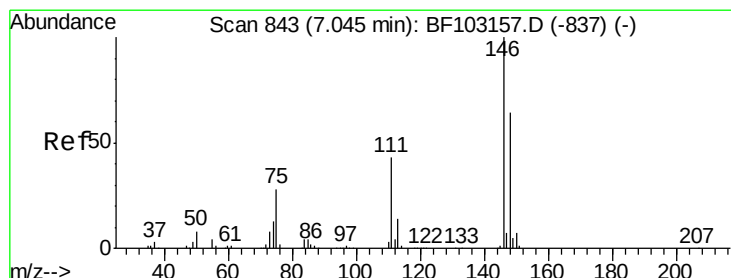
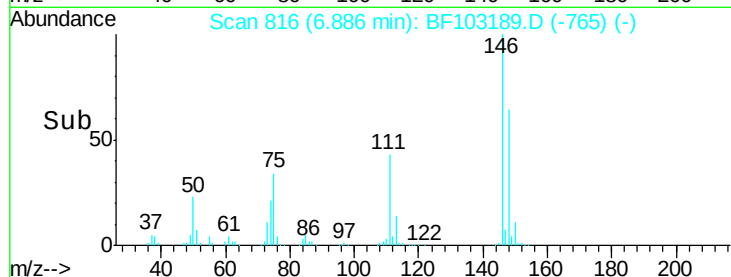
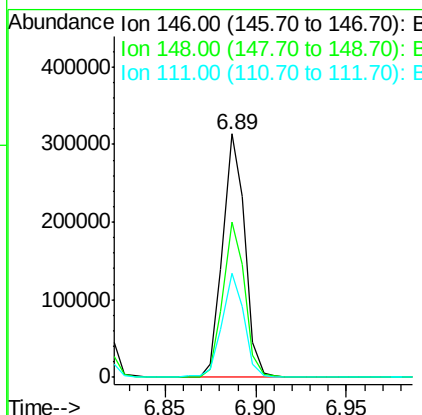
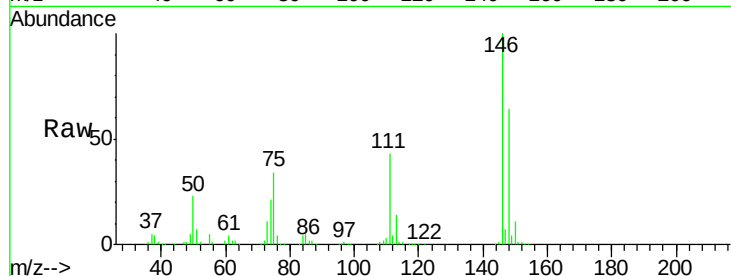




#13
 1,4-Dichlorobenzene
 Concen: 19.894 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

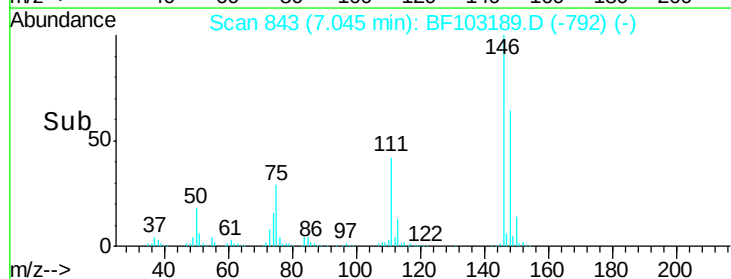
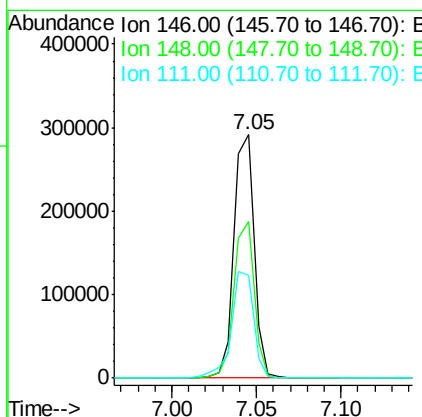
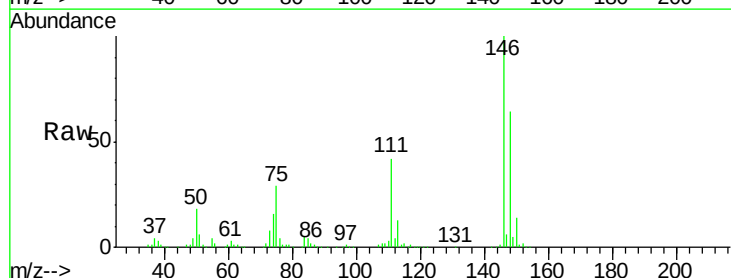
Instrument :
 BNA_F
 ClientSampleId :

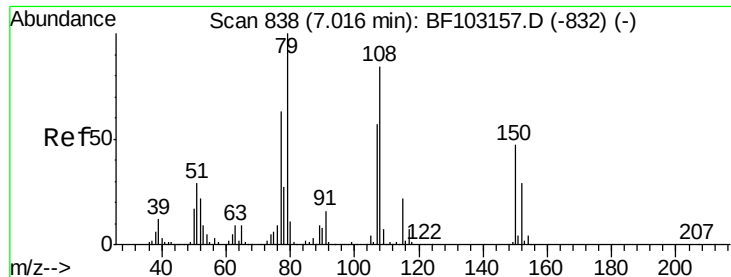
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	42.9	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 19.412 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 21.030 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

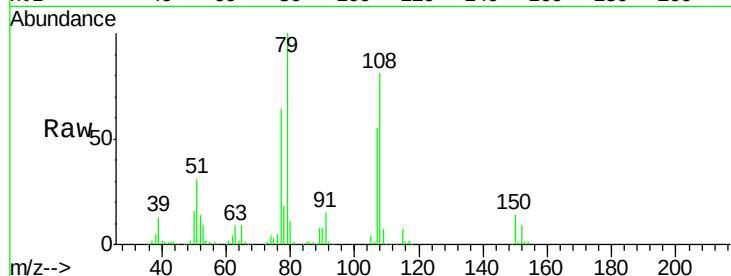
Tot Ion: 79 Resp: 219376

Ion Ratio Lower Upper

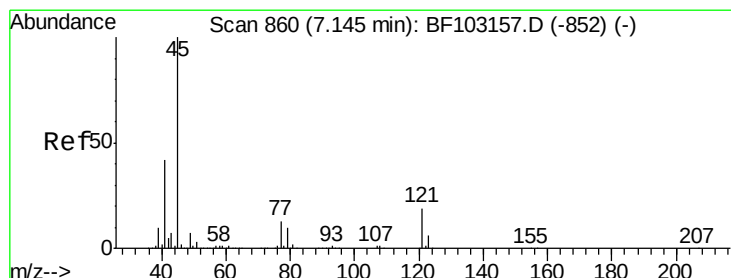
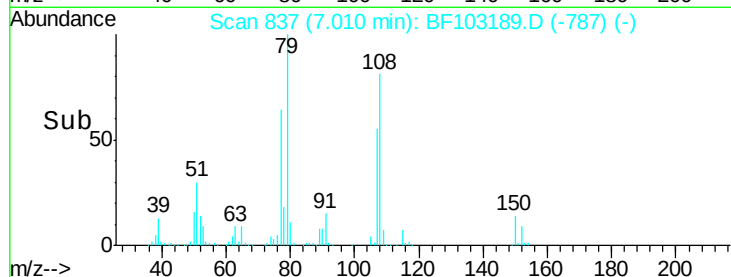
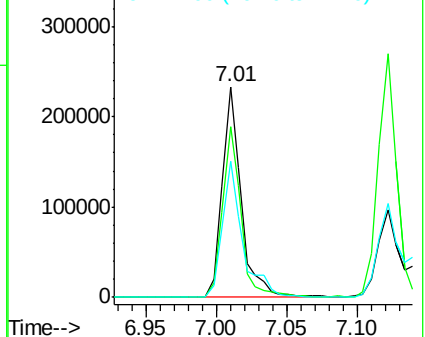
79 100

108 81.3 65.1 97.7

77 64.5 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: 20.056 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

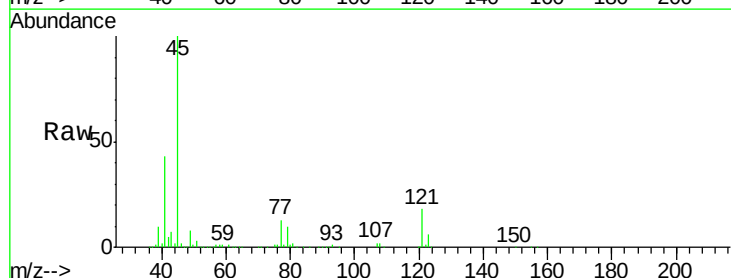
Tgt Ion: 45 Resp: 420079

Ion Ratio Lower Upper

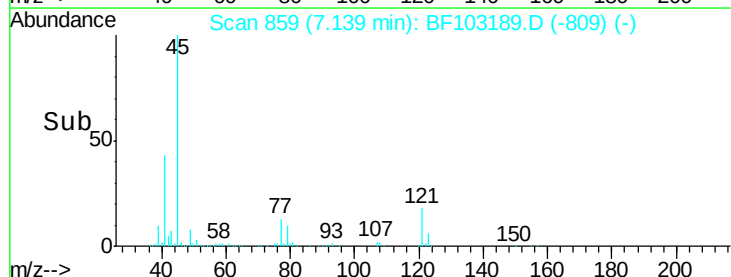
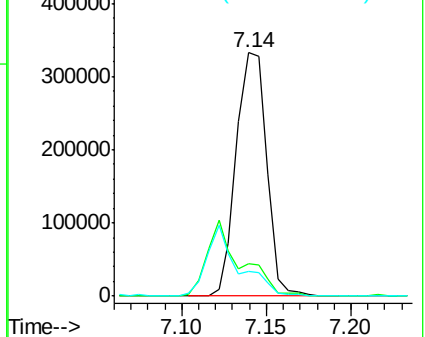
45 100

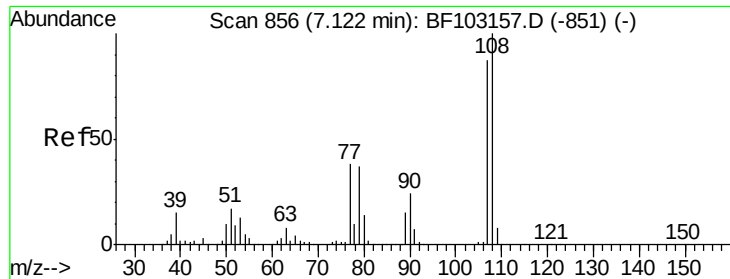
77 13.1 0.0 32.9

79 10.2 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

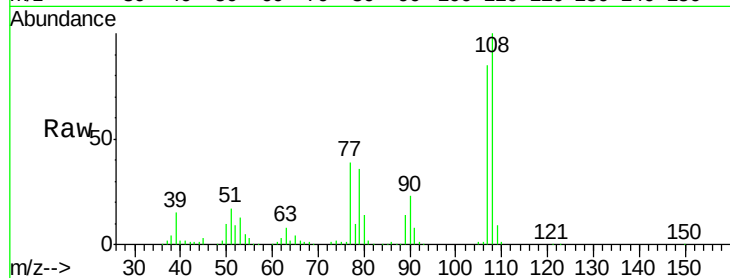




#17
2-Methylphenol
Concen: 19.798 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.7	137.5
77	45.3	33.8	50.8
79	42.3	33.8	50.8



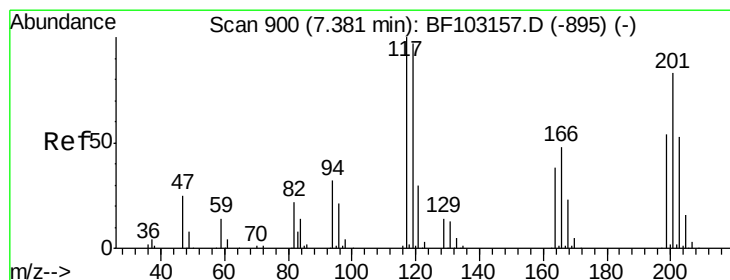
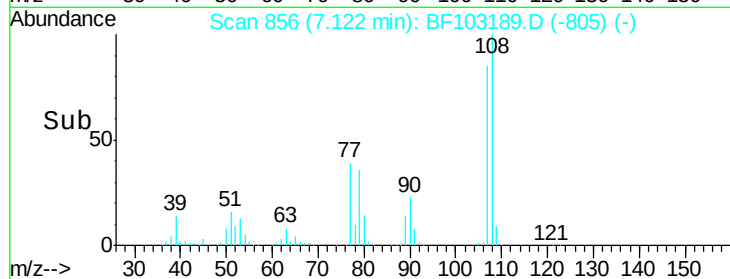
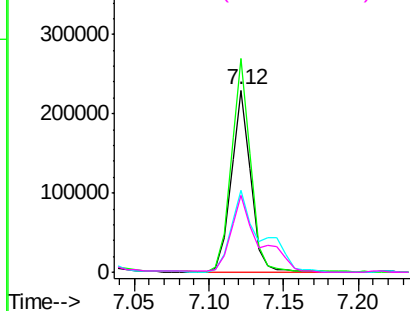
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

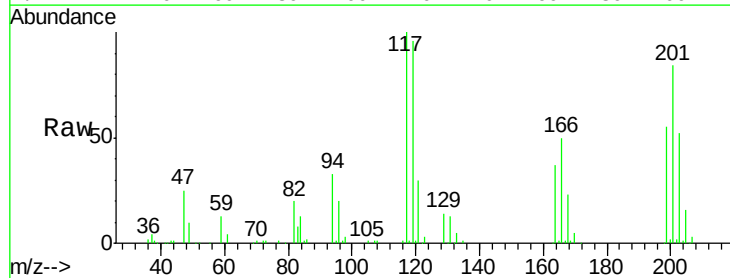
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 20.175 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	83.8	75.7	113.5

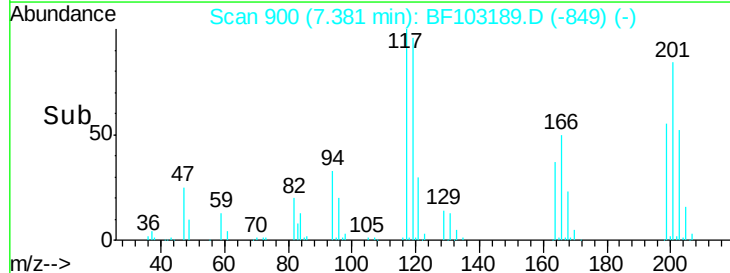
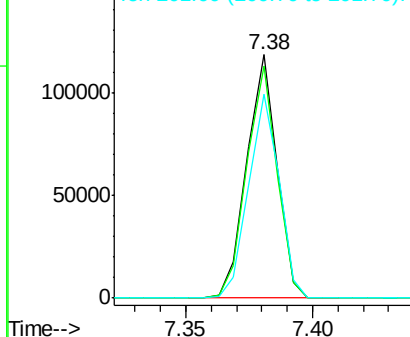


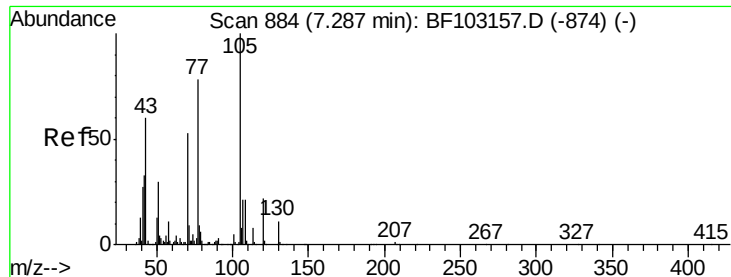
Abundance

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

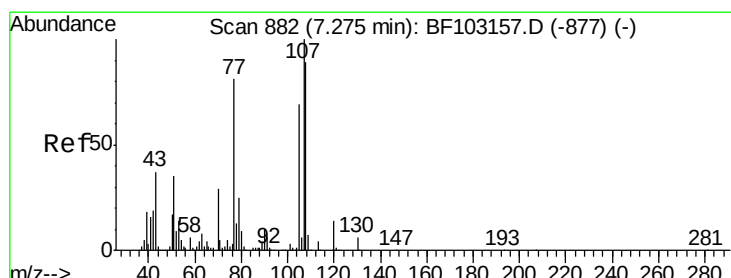
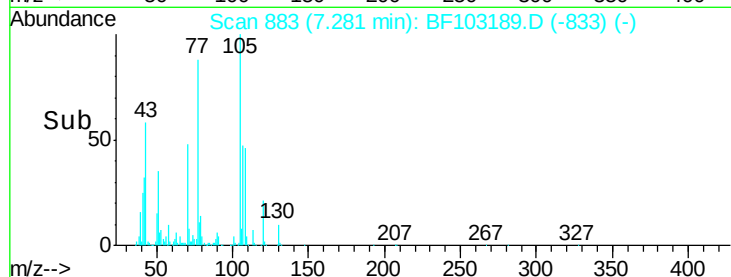
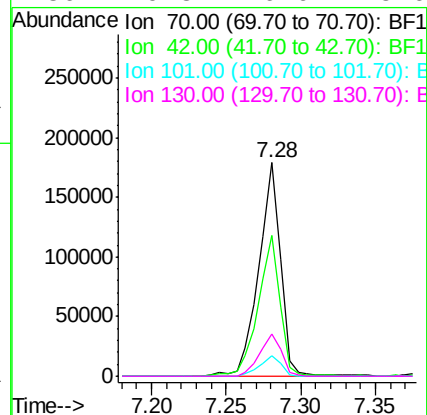
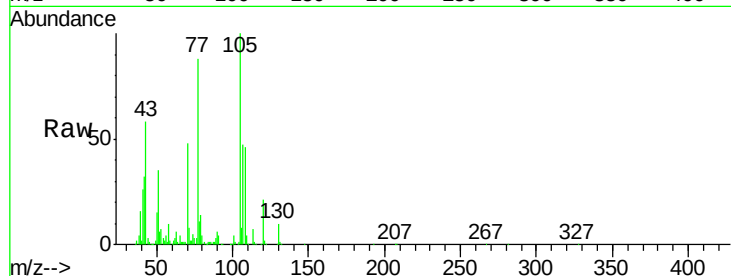




#19
n-Nitroso-di-n-propylamine
Concen: 20.857 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

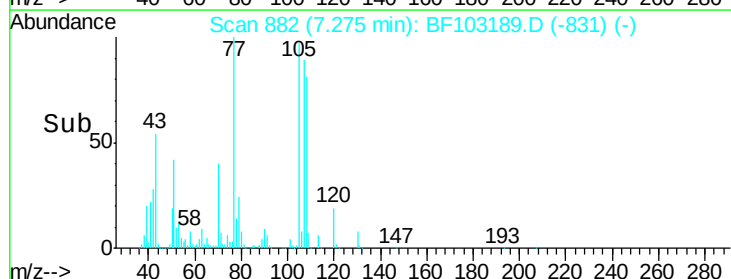
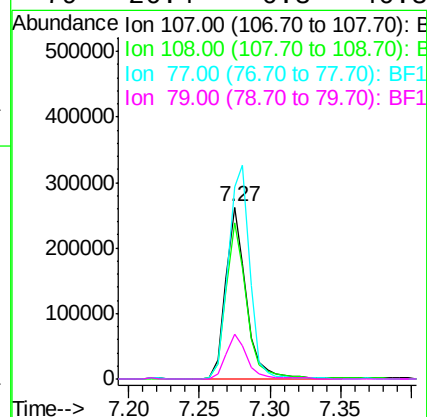
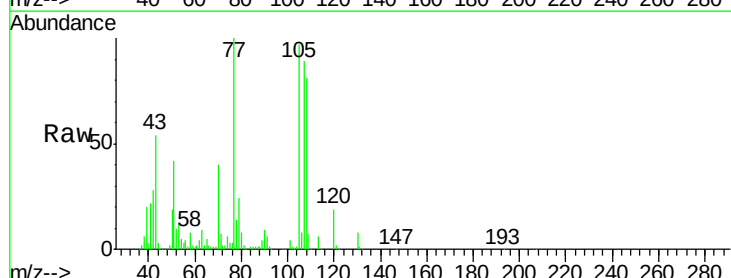
Instrument :
BNA_F
ClientSampleId :

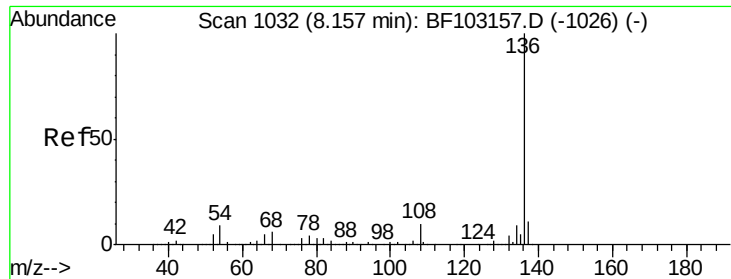
Tot Ion: 70 Resp: 179695
Ion Ratio Lower Upper
70 100
42 66.2 47.5 71.3
101 9.3 7.4 11.2
130 19.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 20.267 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:107 Resp: 263862
Ion Ratio Lower Upper
107 100
108 91.0 68.2 108.2
77 111.8 26.7 66.7#
79 26.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 736101

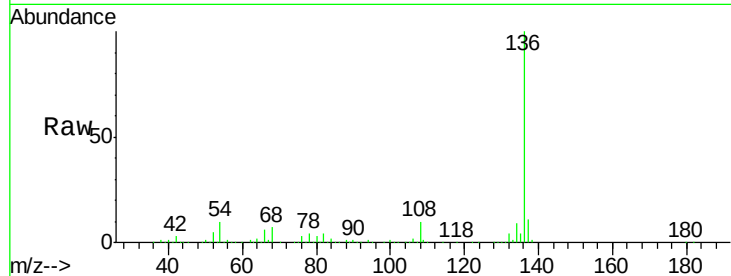
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.1 6.6 9.8#

68 7.1 5.0 7.4

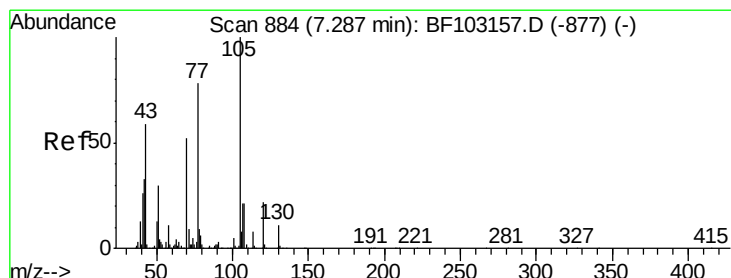
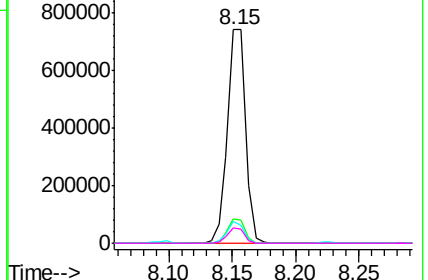
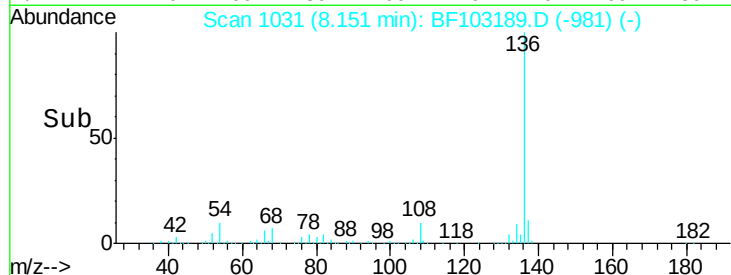


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.604 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Tgt Ion:105 Resp: 354008

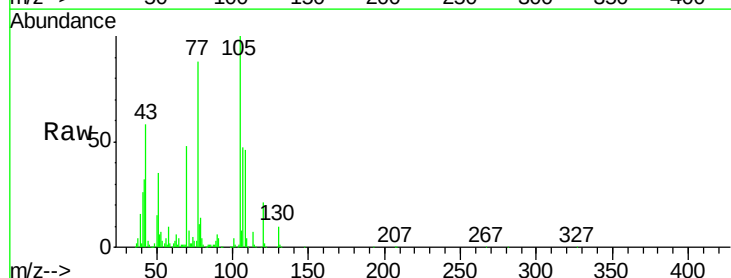
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 34.7 22.3 33.5#

120 21.4 16.9 25.3

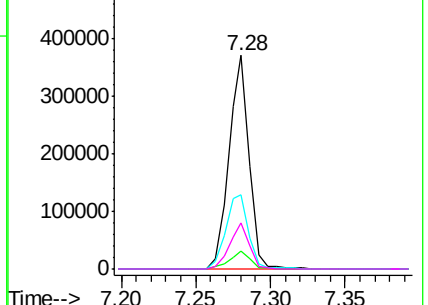
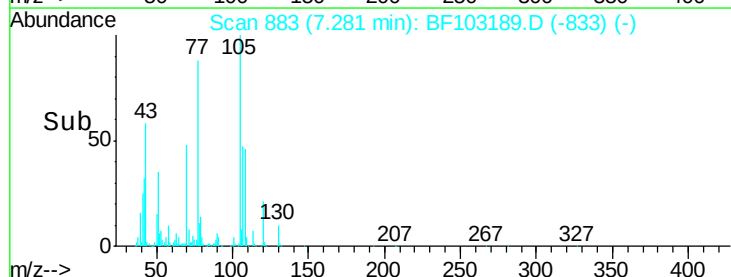


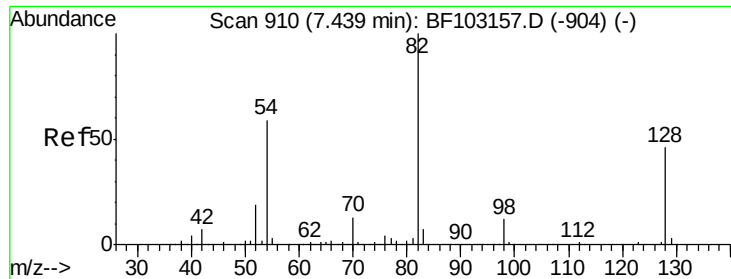
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

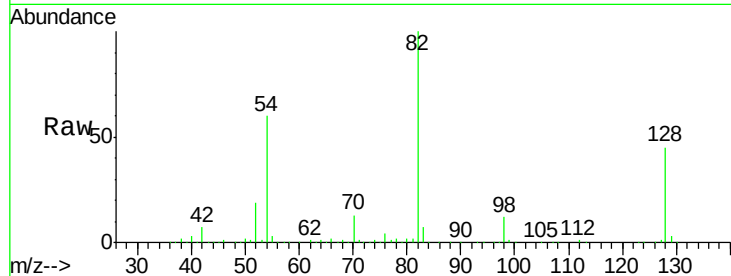




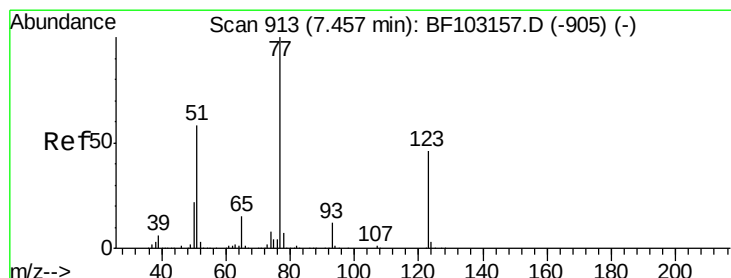
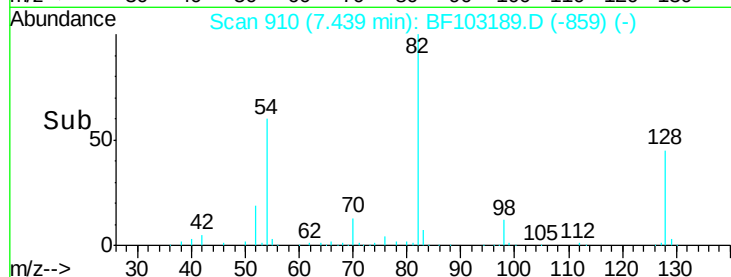
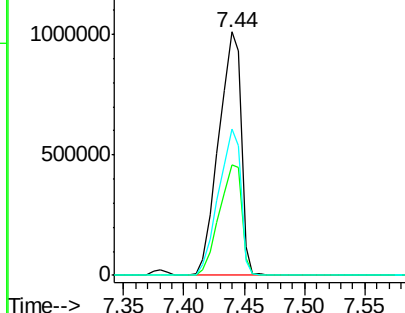
#23
 Nitrobenzene-d5
 Concen: 101.035 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1302291
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 60.3 41.4 62.2

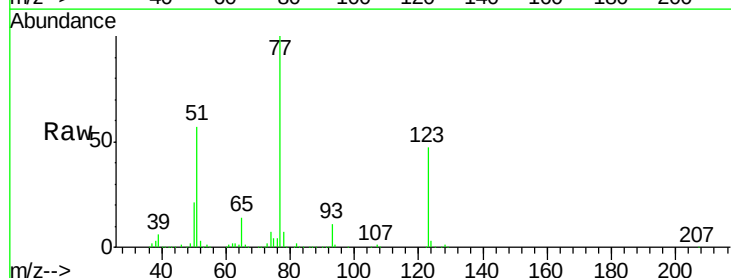


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

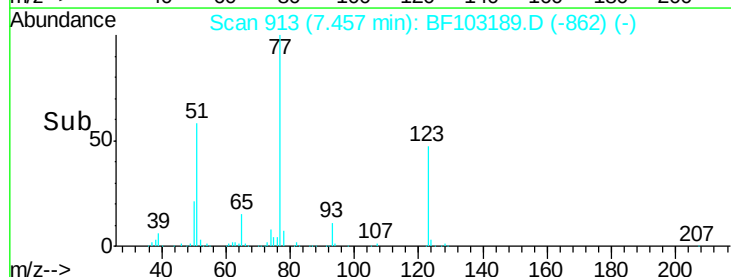
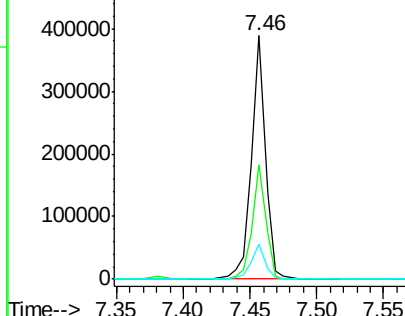


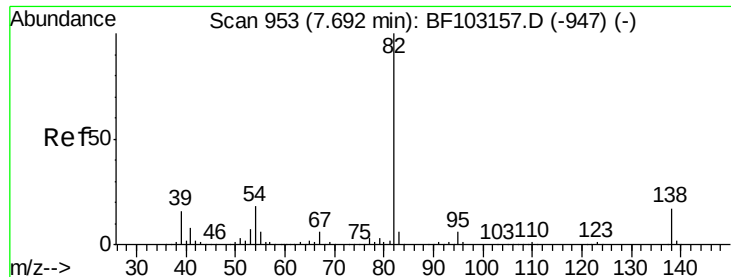
#24
 Nitrobenzene
 Concen: 19.409 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion: 77 Resp: 275435
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.9 56.9
 65 14.4 11.0 16.4



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





#25

Isophorone

Concen: 19.563 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

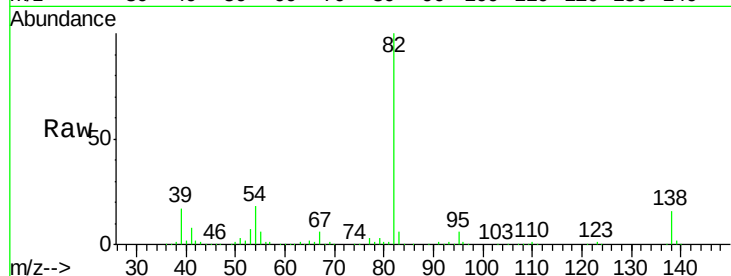
Tot Ion: 82 Resp: 496617

Ion Ratio Lower Upper

82 100

95 6.0 5.2 7.8

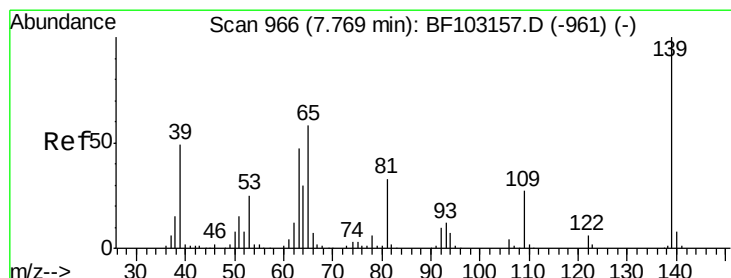
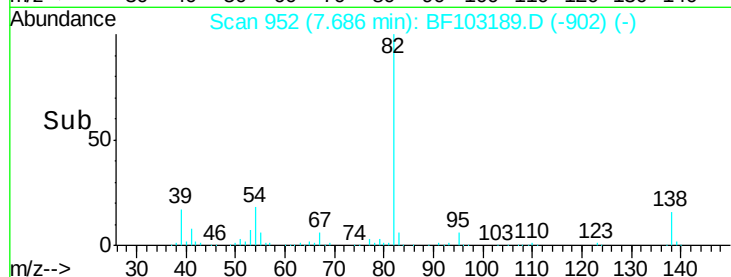
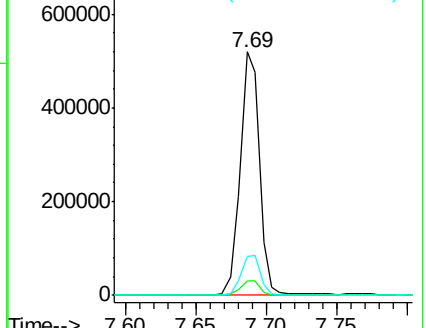
138 15.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 19.831 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

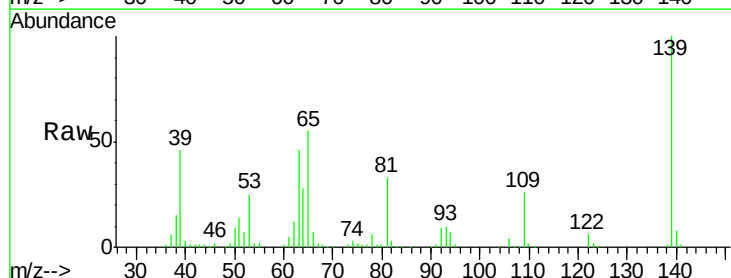
Tgt Ion: 139 Resp: 132484

Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

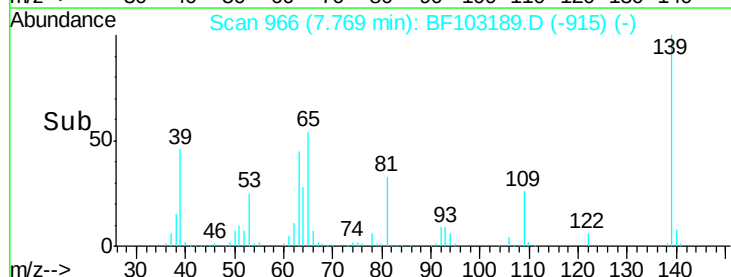
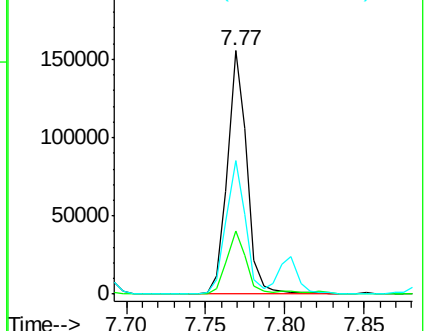
65 54.8 40.5 60.7

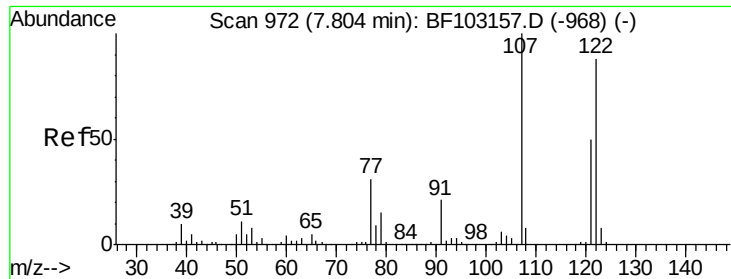


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 18.940 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

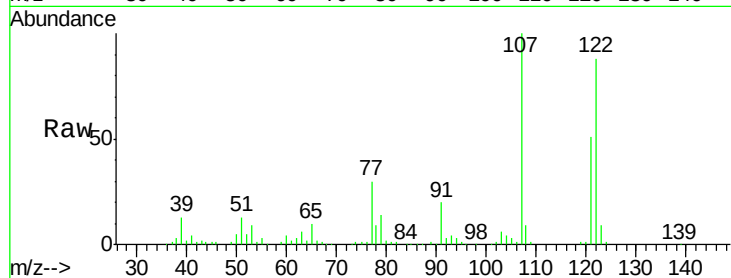
Tot Ion:122 Resp: 193409

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

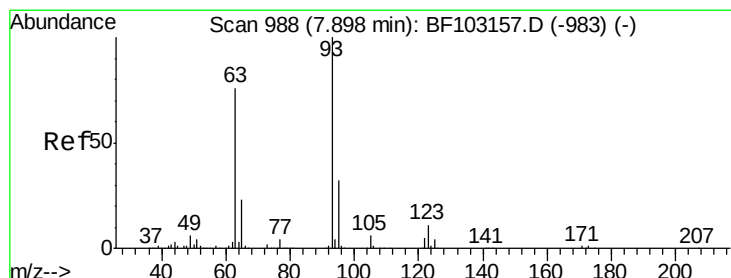
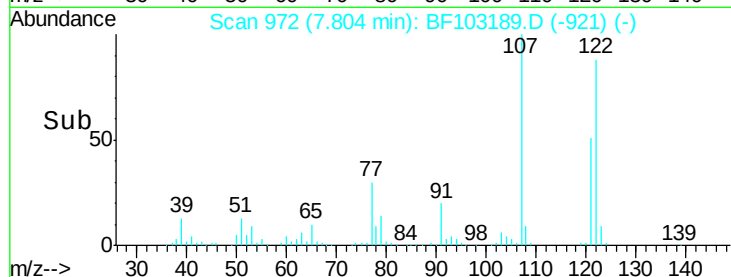
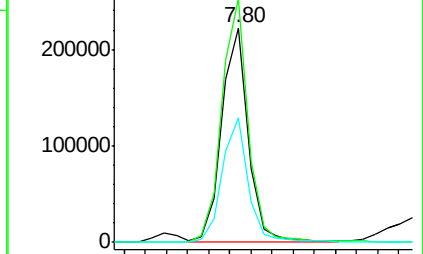
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.072 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

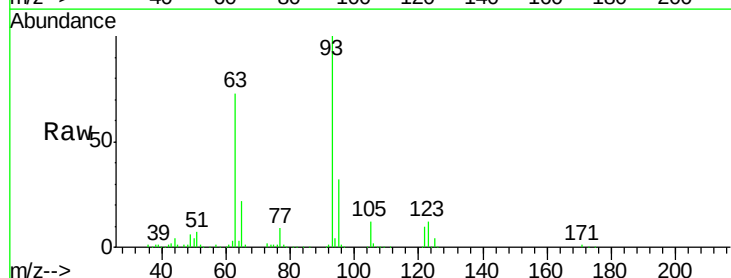
Tgt Ion: 93 Resp: 299588

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

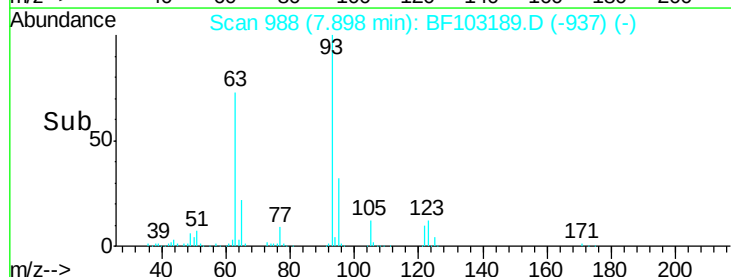
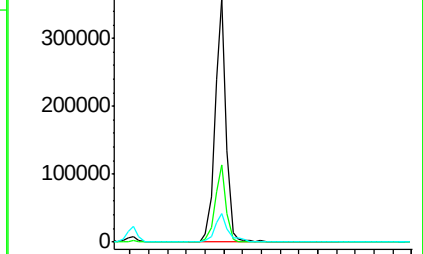
123 12.0 9.8 14.6

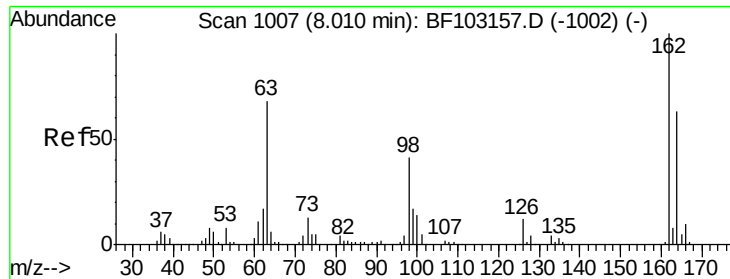


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

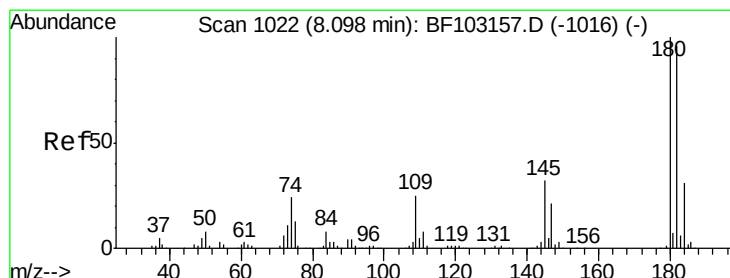
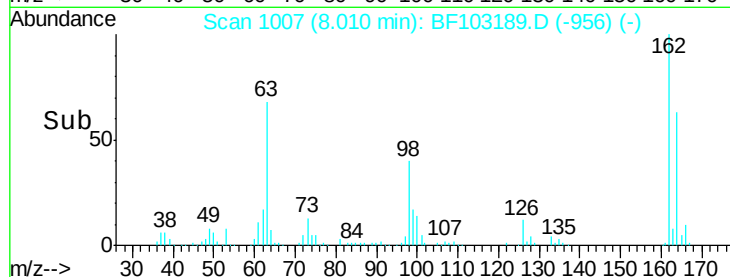
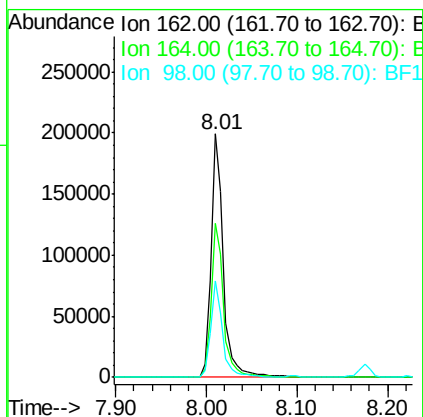
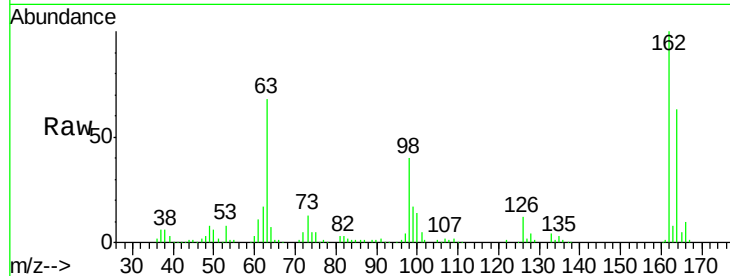




#29
 2,4-Dichlorophenol
 Concen: 19.456 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

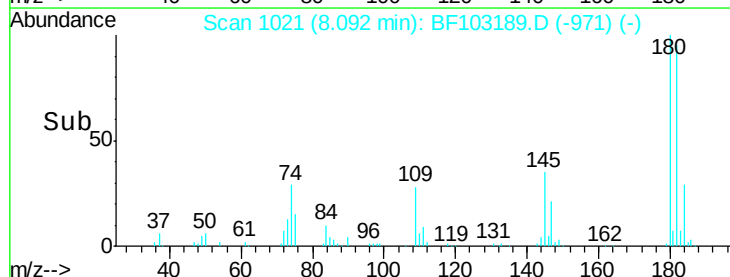
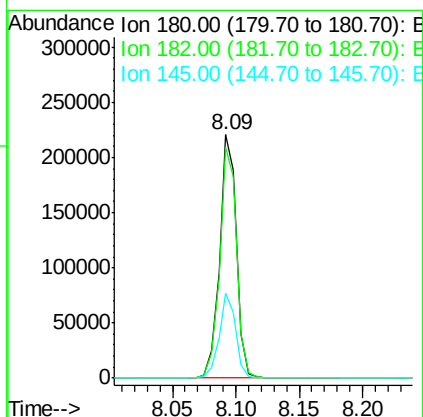
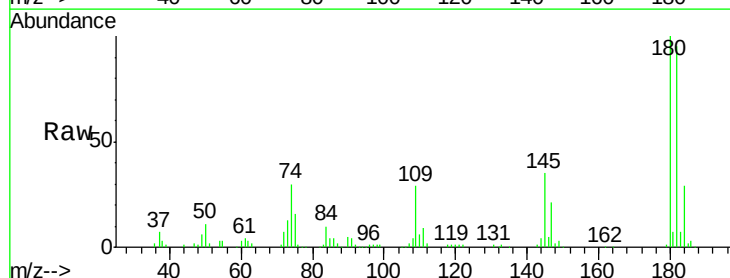
Instrument :
 BNA_F
 ClientSampled :

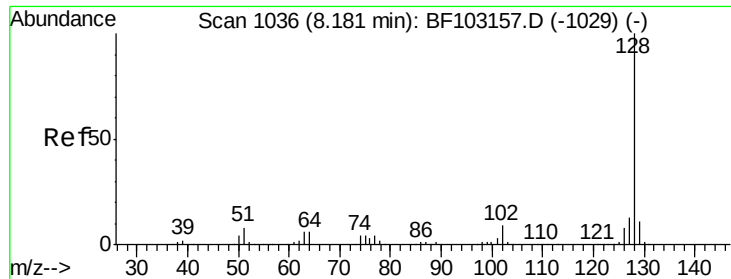
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	39.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 19.695 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	35.1	26.5	39.7

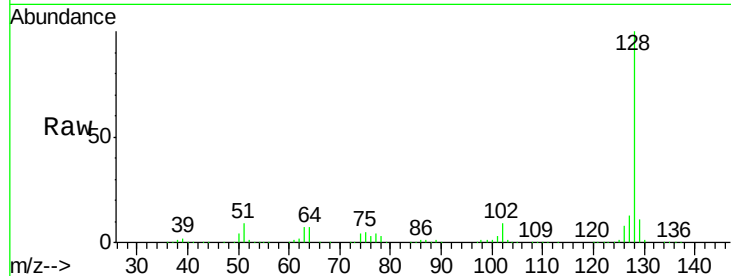




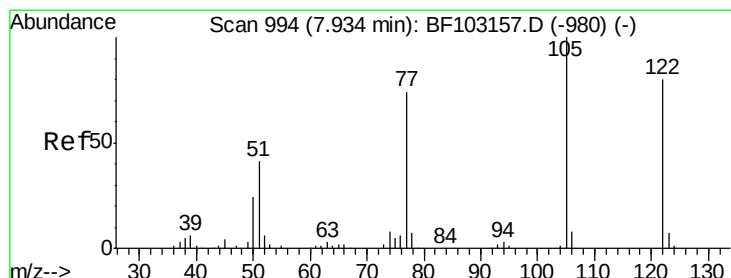
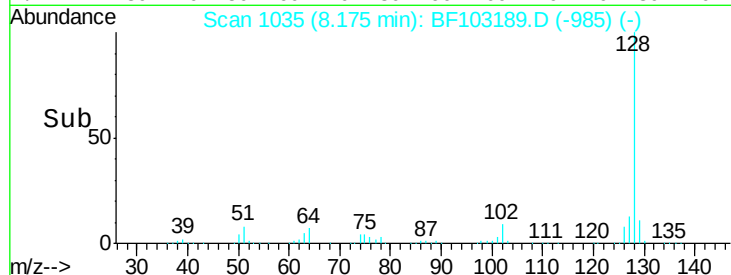
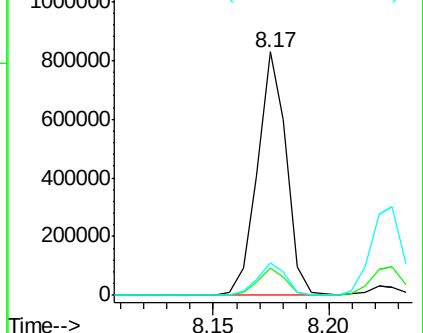
#31
Naphthalene
Concen: 20.032 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 721929
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.9 16.3

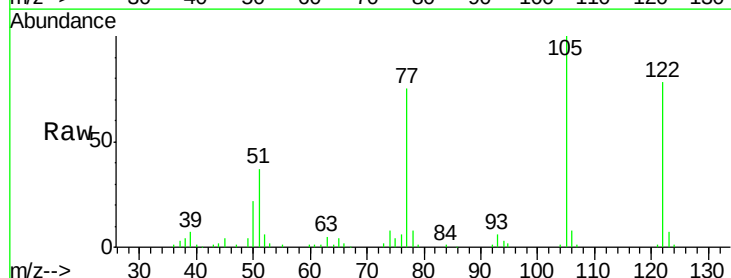


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

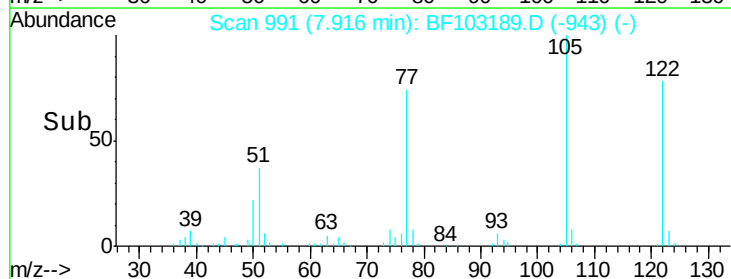
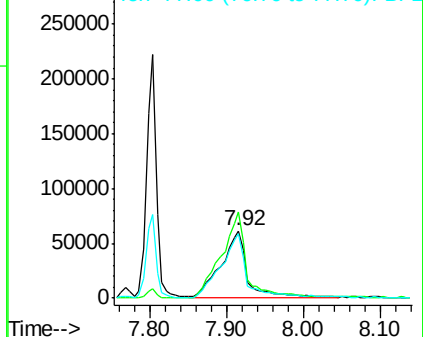


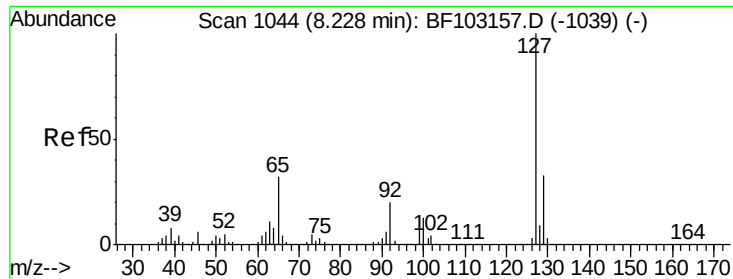
#32
Benzoic acid
Concen: 22.889 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:122 Resp: 141394
Ion Ratio Lower Upper
122 100
105 128.8 101.1 141.1
77 96.0 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

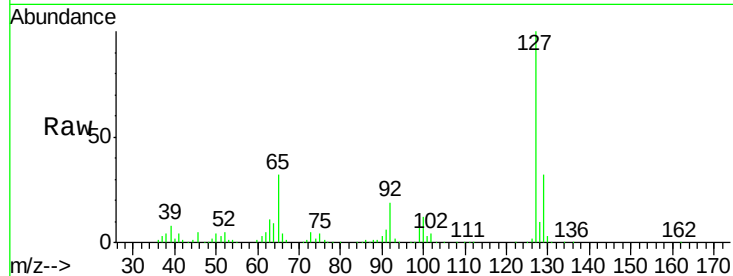




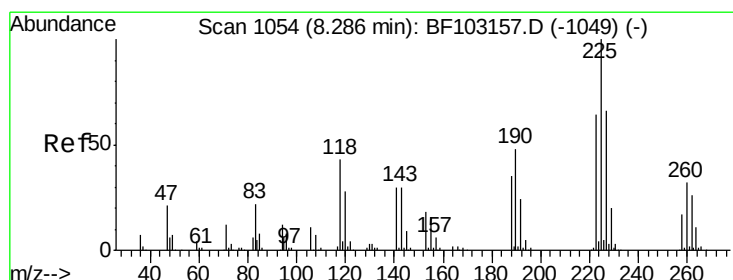
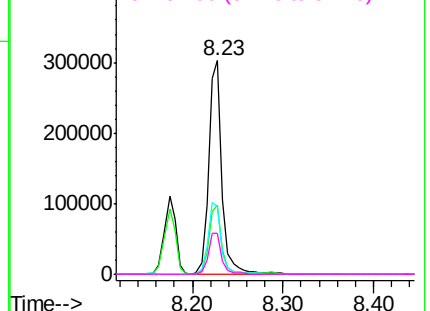
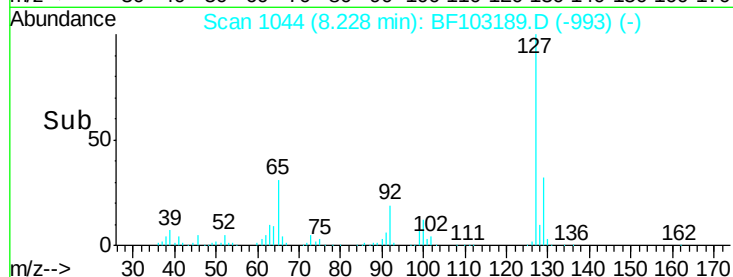
#33
4-Chloroaniline
Concen: 20.011 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	311190
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	31.6	25.0	37.4
92	18.9	15.2	22.8

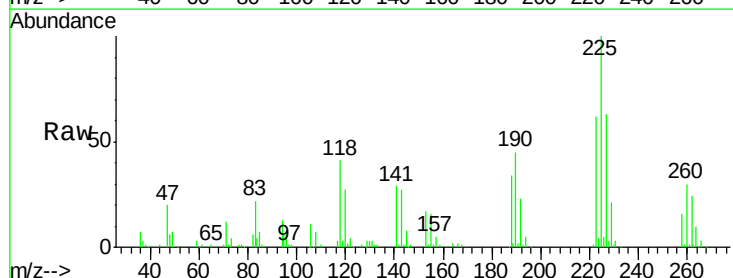


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

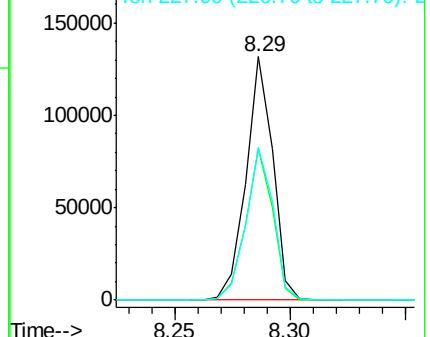
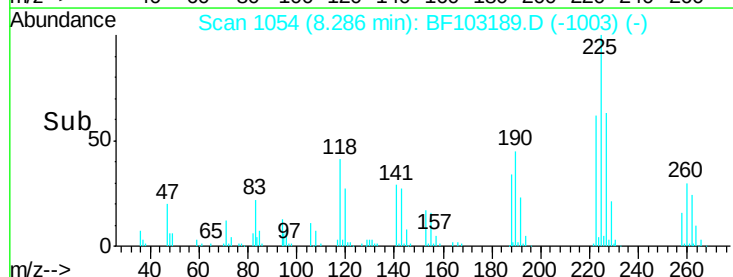


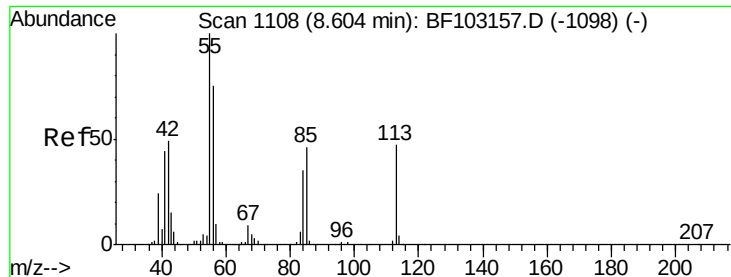
#34
Hexachlorobutadiene
Concen: 19.803 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:	225	Resp:	107362
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.9	51.9	77.9



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





#35

Caprolactam

Concen: 19.449 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

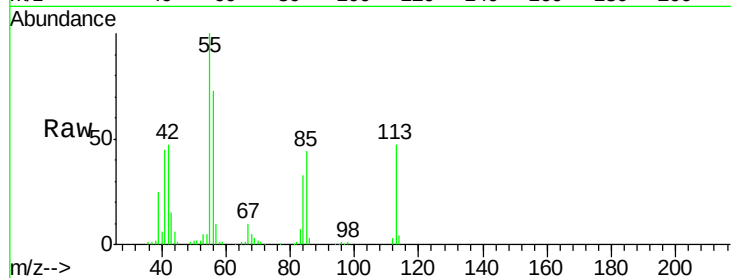
Tot Ion:113 Resp: 66830

Ion Ratio Lower Upper

113 100

55 214.6 163.3 203.3#

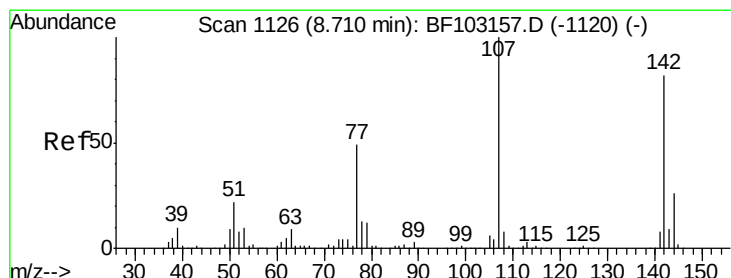
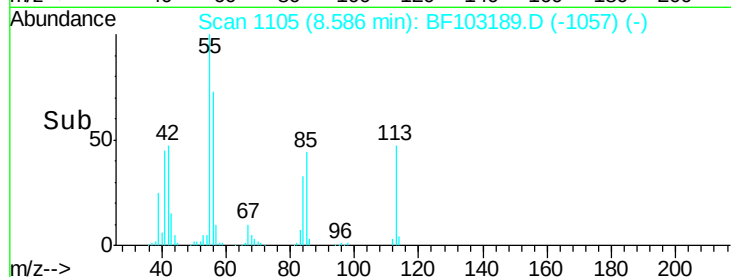
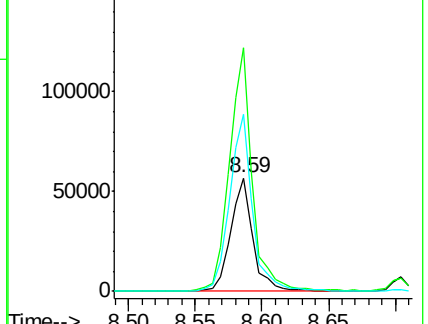
56 156.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 19.961 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

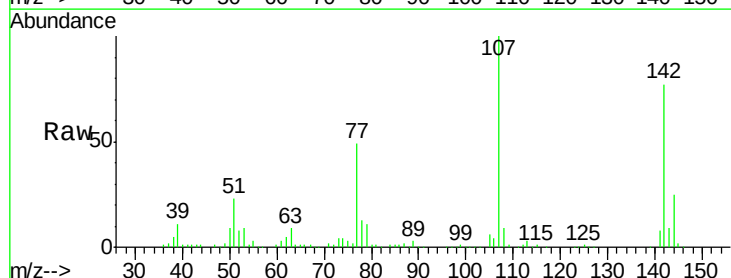
Tgt Ion:107 Resp: 220119

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

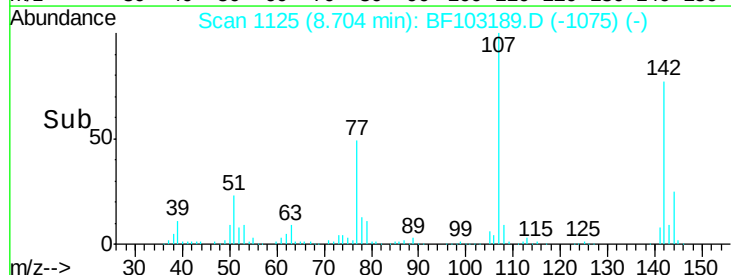
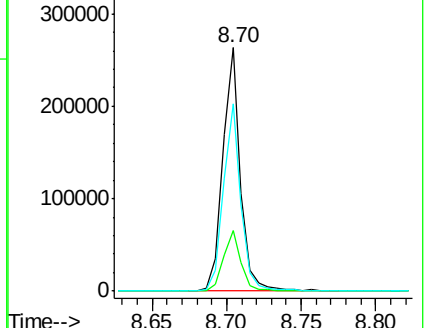
142 77.0 62.0 93.0

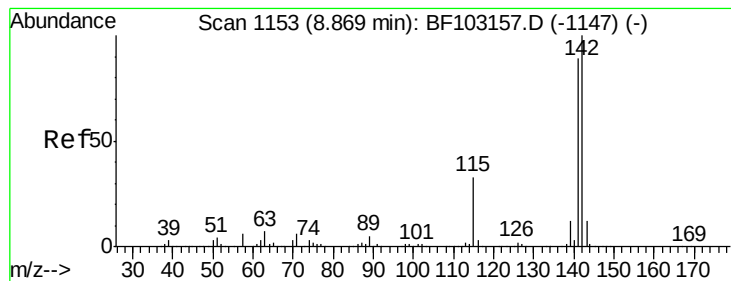


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.399 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

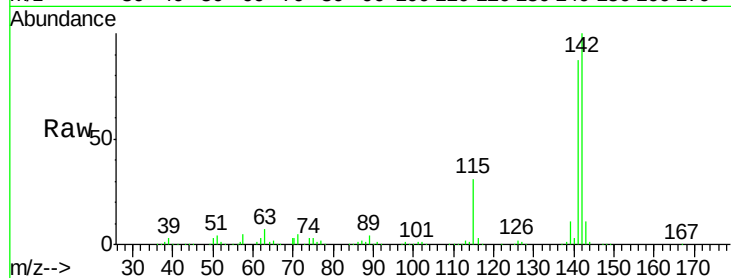
Tot Ion:142 Resp: 475097

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

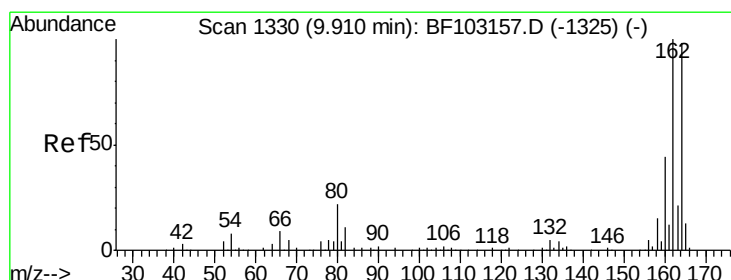
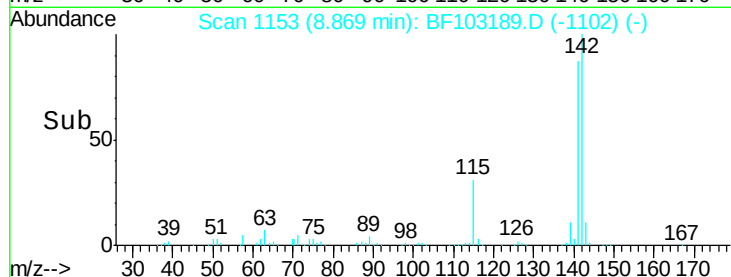
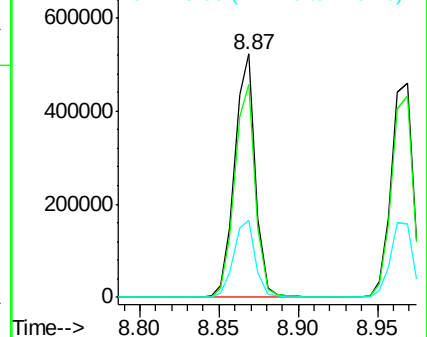
115 31.5 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

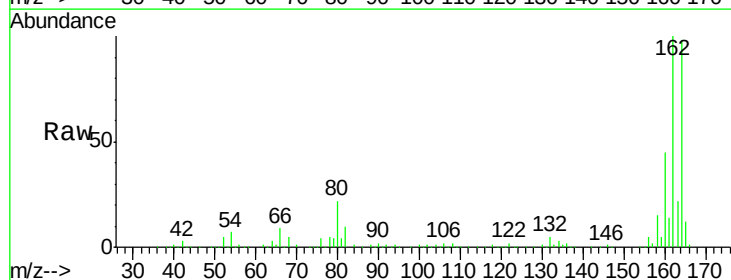
Tgt Ion:164 Resp: 340329

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

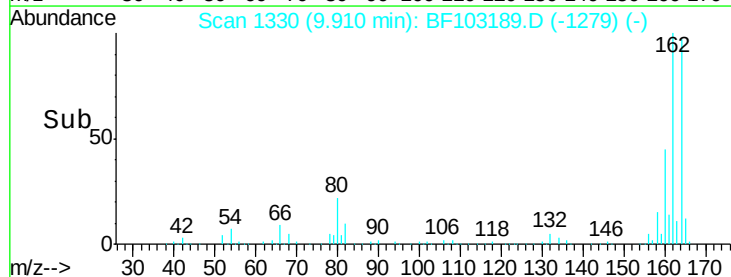
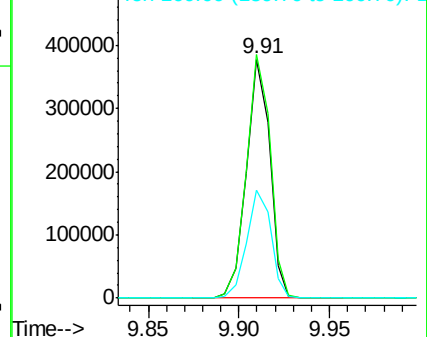
160 45.3 38.3 57.5

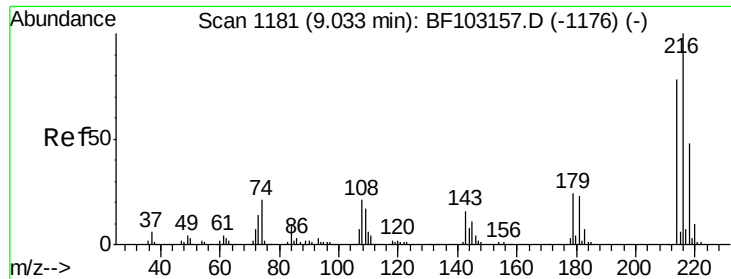


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

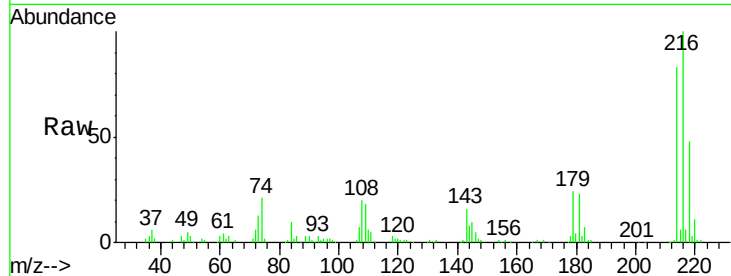




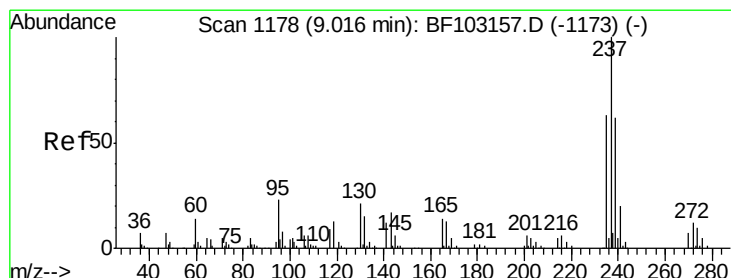
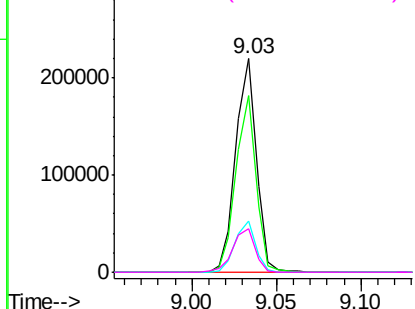
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.178 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	187734
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	23.7	18.1	27.1
108	22.1	17.2	25.8

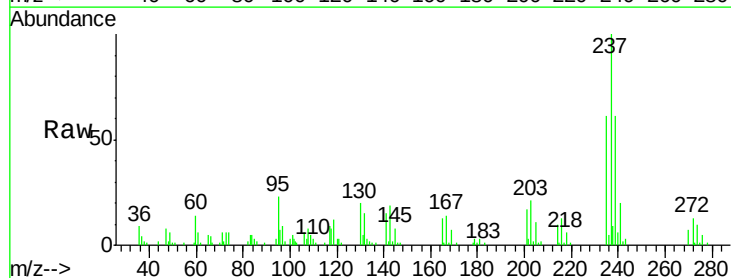


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

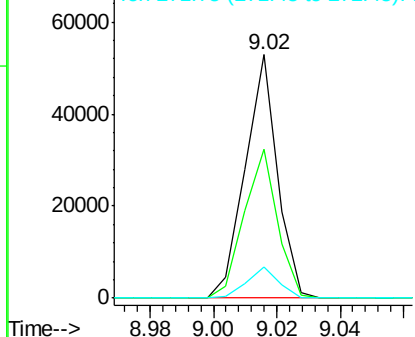


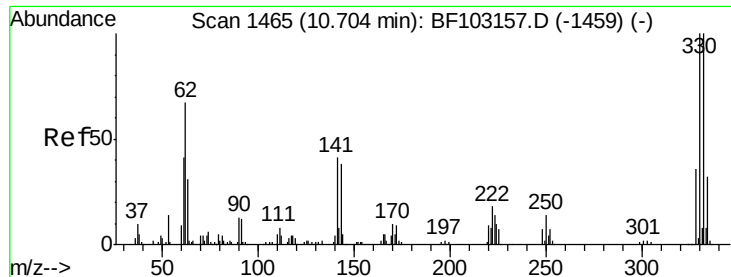
#40
 Hexachlorocyclopentadiene
 Concen: 18.945 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion:	237	Resp:	37125
Ion	Ratio	Lower	Upper
237	100		
235	61.2	44.8	84.8
272	12.8	0.0	33.3



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

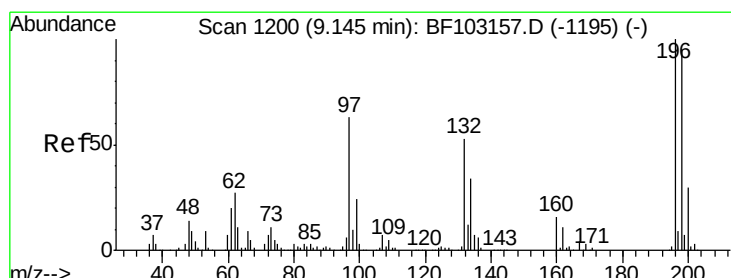
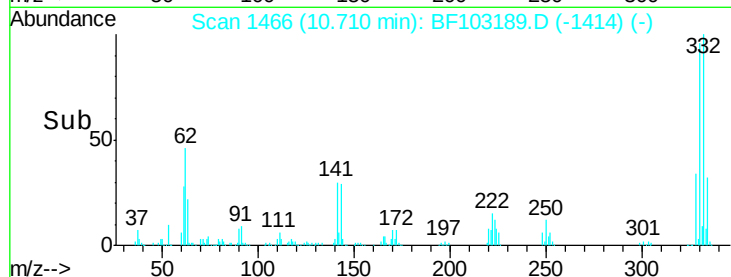
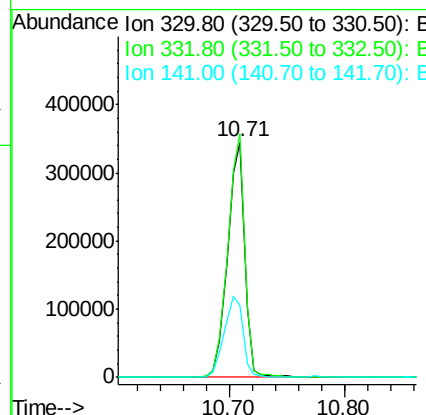
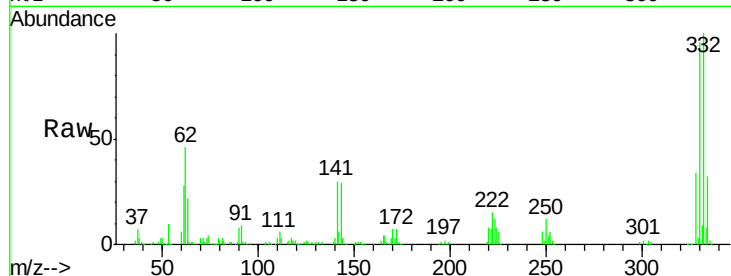




#41
 2,4,6-Tribromophenol
 Concen: 123.173 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

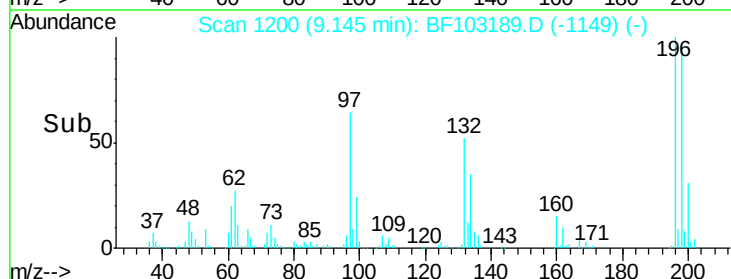
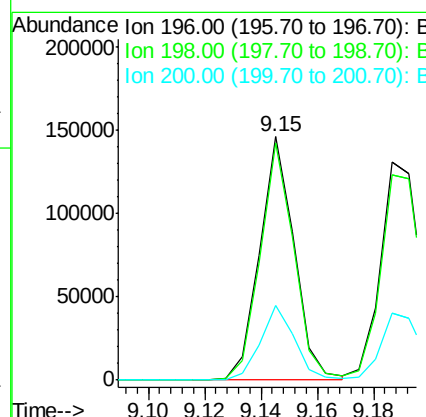
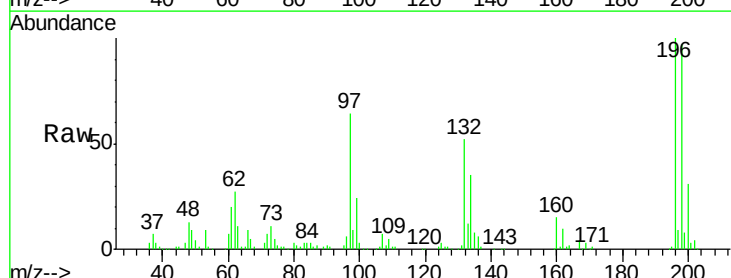
Instrument :
 BNA_F
 ClientSampled :

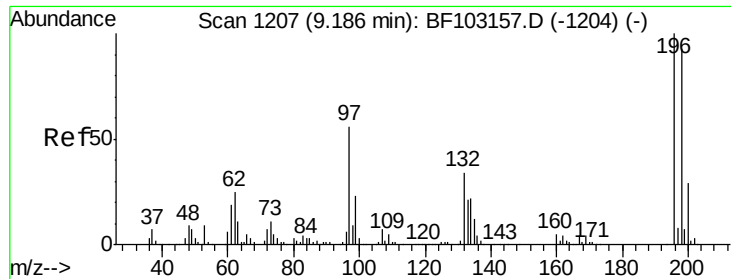
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.0	115.6
141	38.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 19.813 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
200	30.6	24.5	36.7

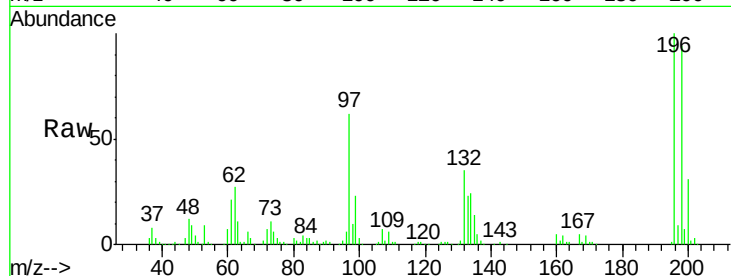




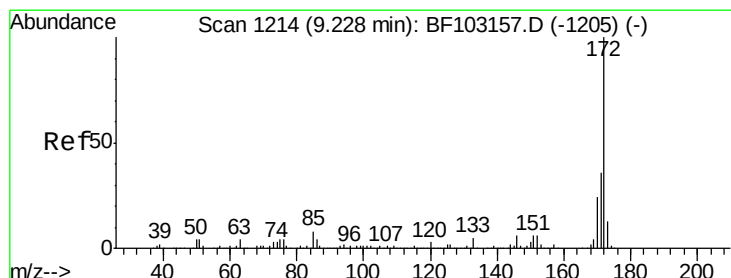
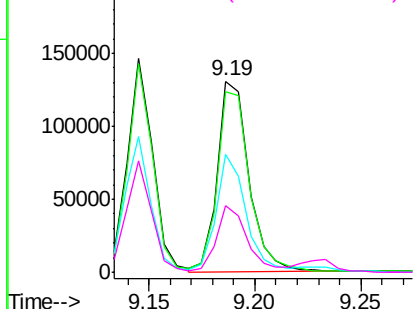
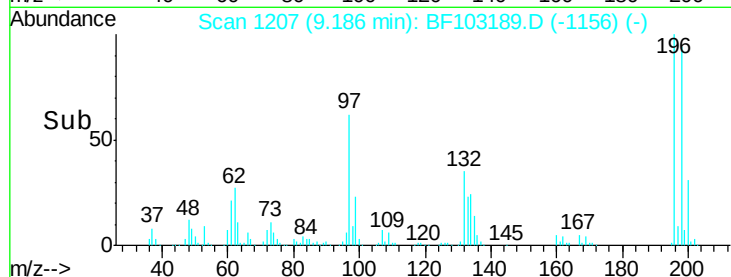
#43
2,4,5-Trichlorophenol
Concen: 18.668 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 134418
Ion Ratio Lower Upper
196 100
198 94.3 74.6 112.0
97 62.0 42.9 64.3
132 34.8 26.3 39.5

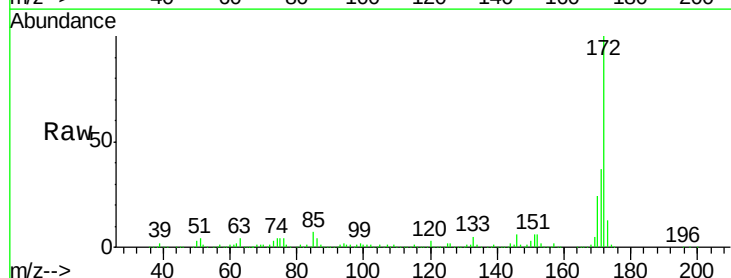


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

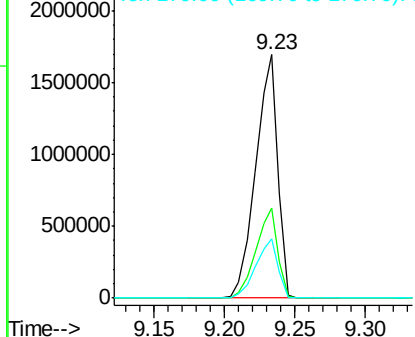
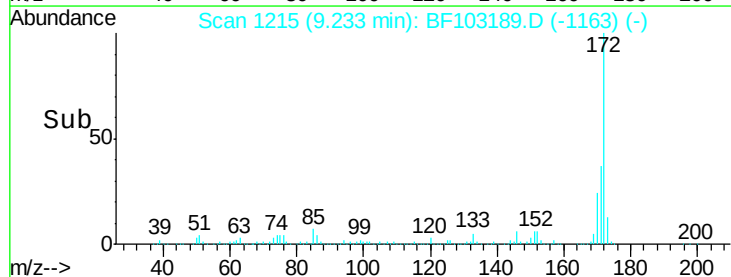


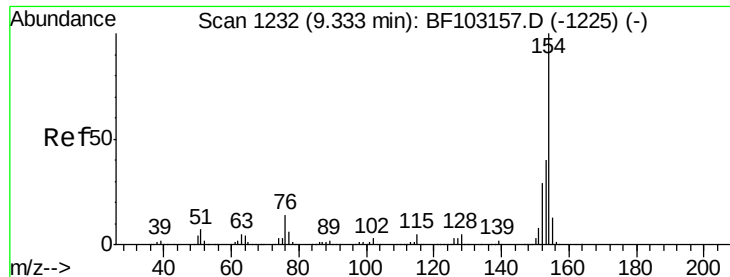
#44
2-Fluorobiphenyl
Concen: 97.647 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:172 Resp: 1862773
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.4 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: 20.386 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

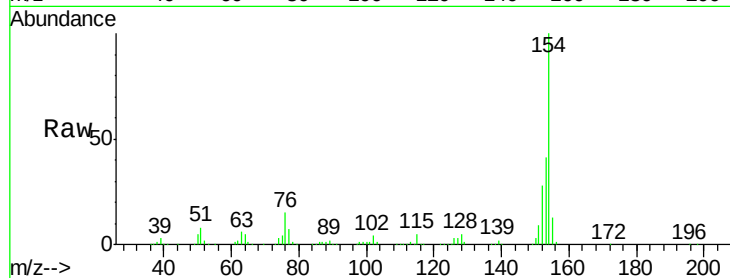
Tot Ion:154 Resp: 581365

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

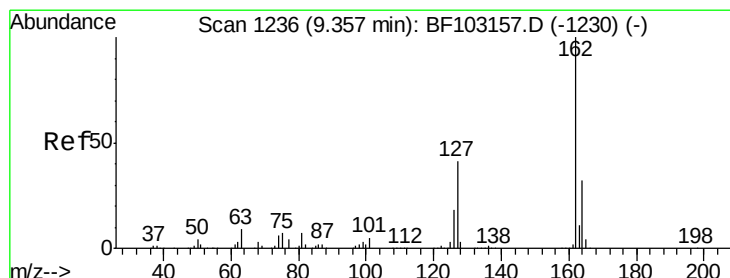
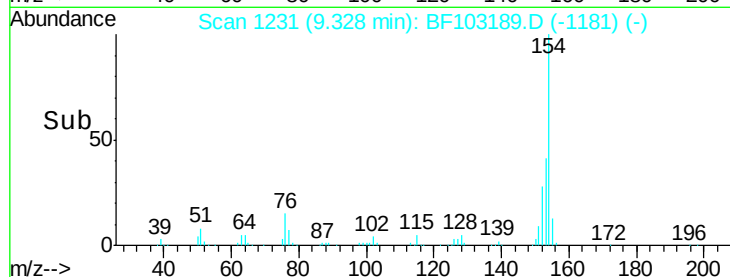
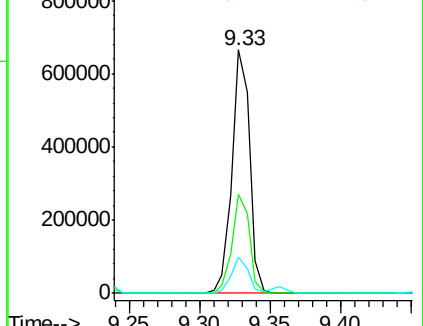
76 15.1 0.0 34.0



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: 19.836 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

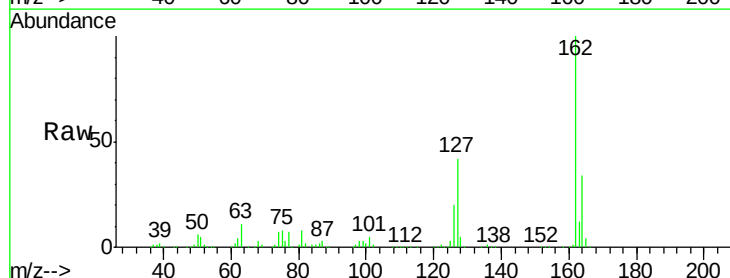
Tgt Ion:162 Resp: 447529

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

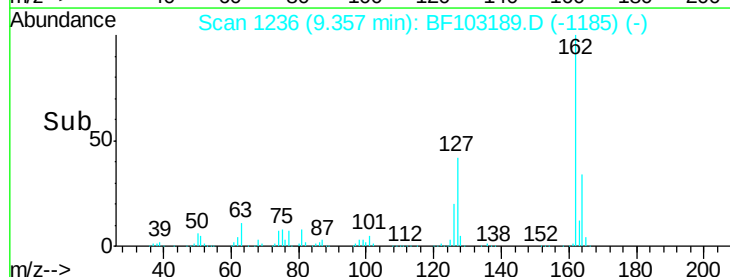
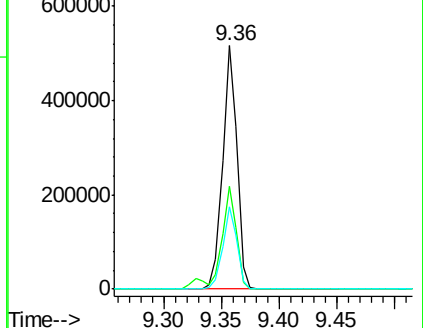
164 33.7 26.5 39.7

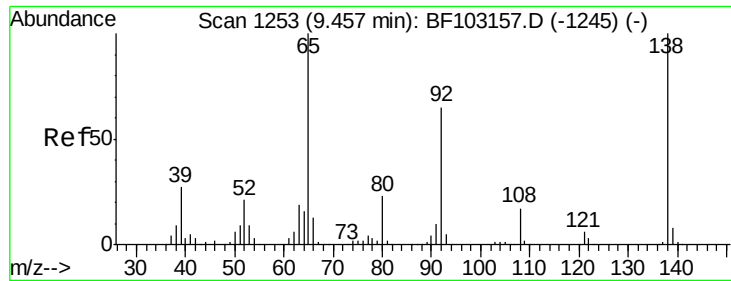


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

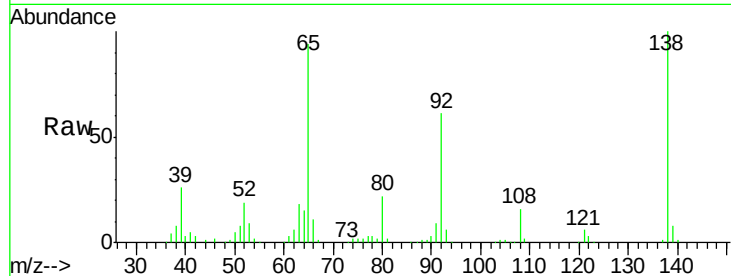




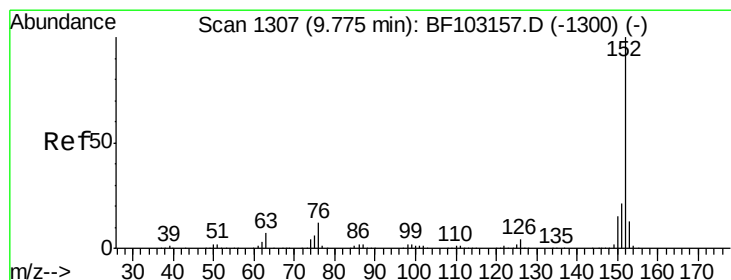
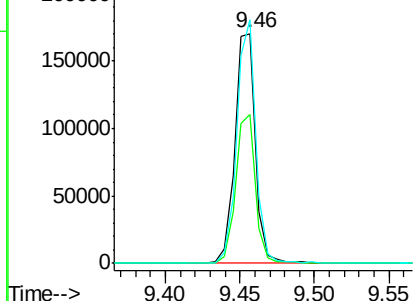
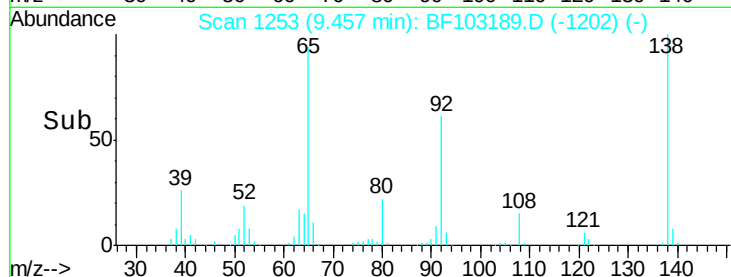
#47
2-Nitroaniline
Concen: 19.793 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 165411
Ion Ratio Lower Upper
65 100
92 64.5 55.8 83.6
138 105.9 91.2 136.8

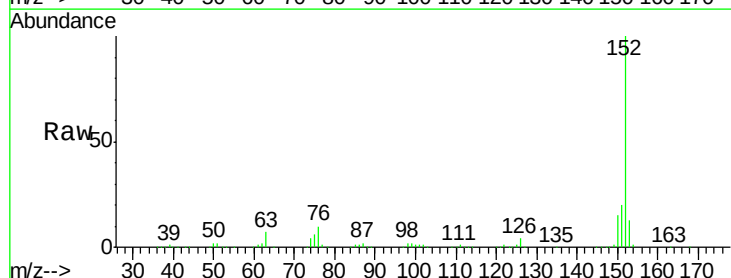


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

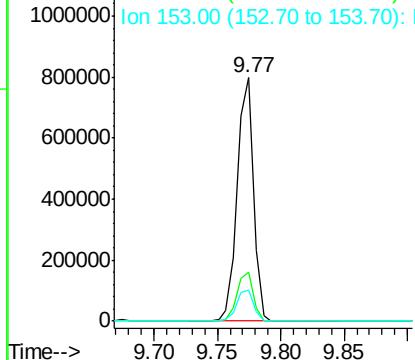
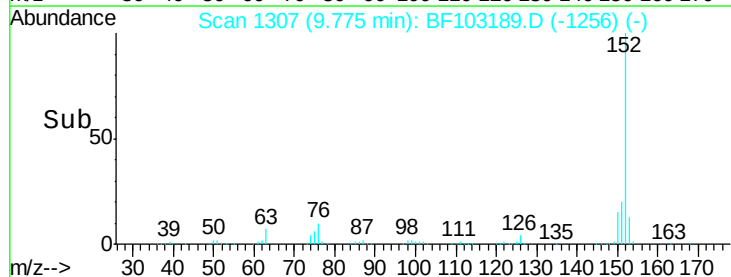


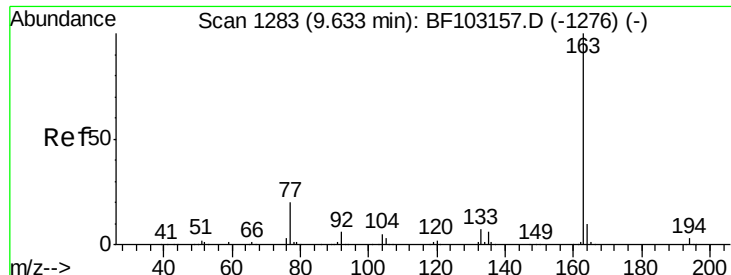
#48
Acenaphthylene
Concen: 20.119 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion: 152 Resp: 698405
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 19.534 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

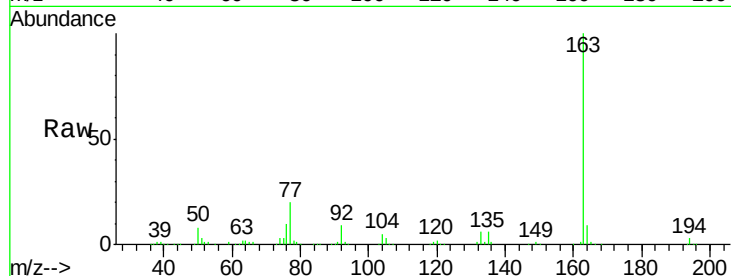
Tot Ion:163 Resp: 533318

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

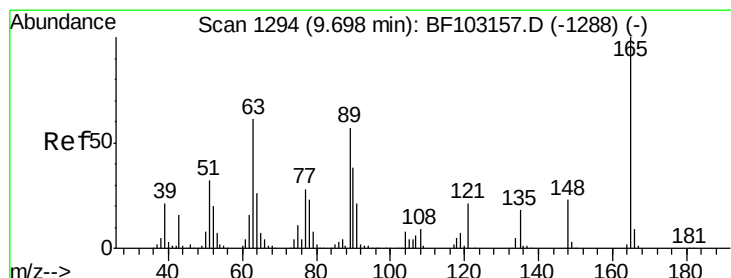
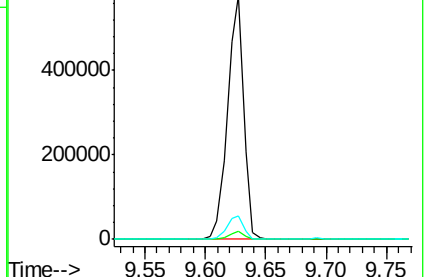
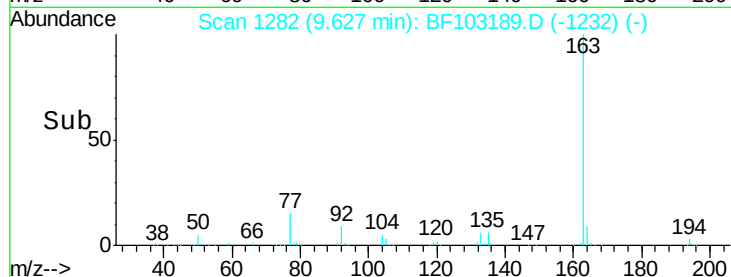
164 9.5 8.2 12.2



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: 19.769 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

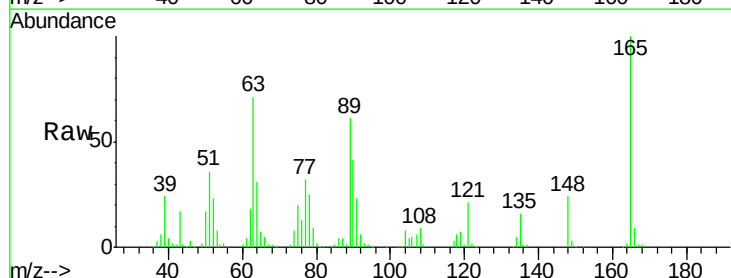
Tgt Ion:165 Resp: 113262

Ion Ratio Lower Upper

165 100

63 70.9 44.7 67.1#

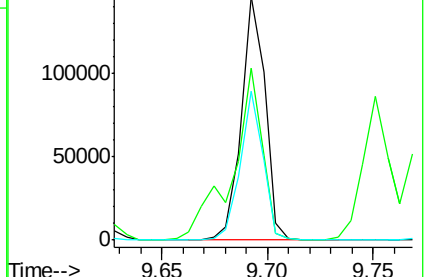
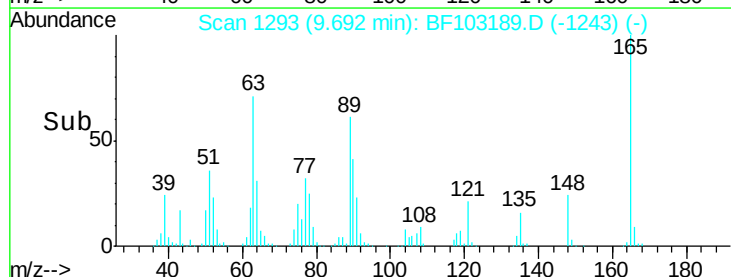
89 61.0 44.0 66.0

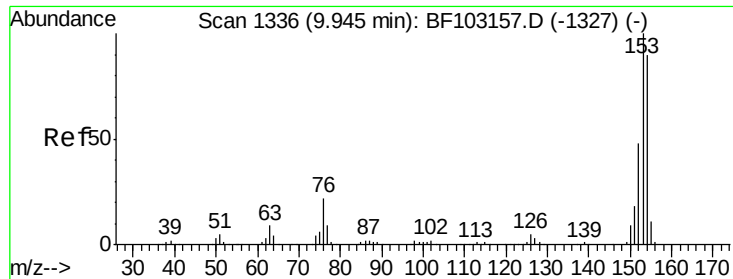


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 20.004 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

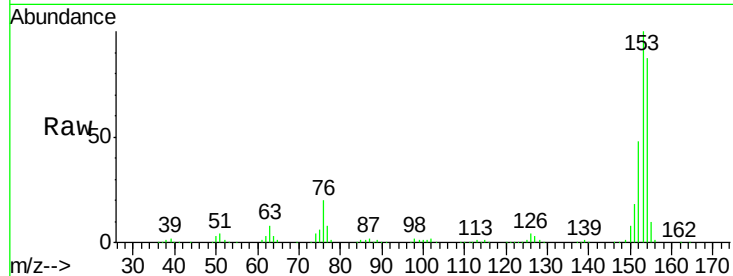
Tot Ion:154 Resp: 404921

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

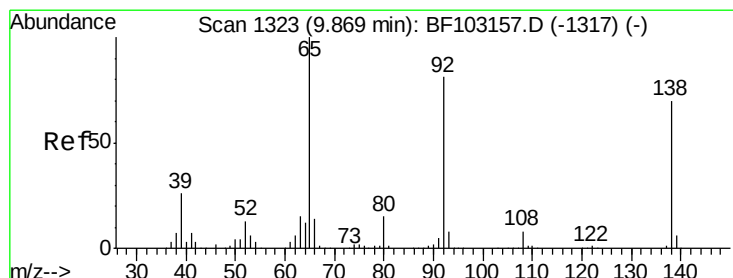
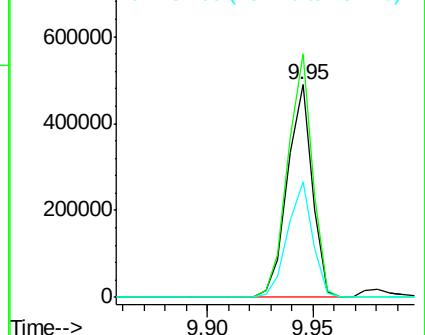
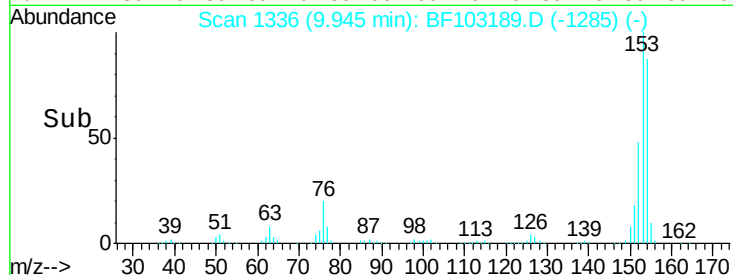
152 54.4 43.8 65.8



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: 19.259 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

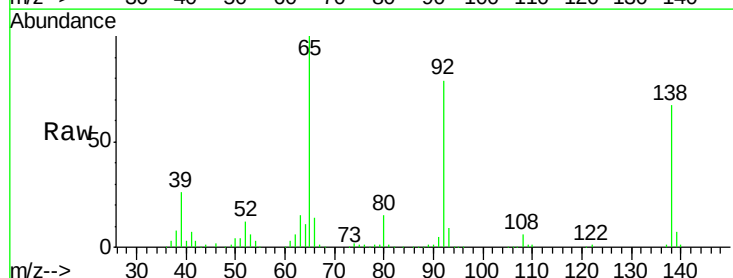
Tgt Ion:138 Resp: 139994

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

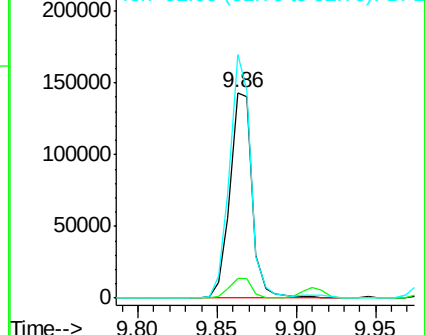
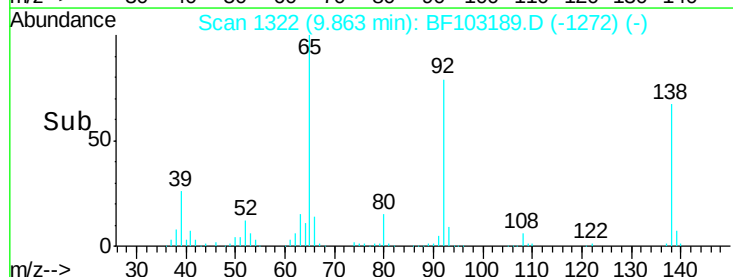
92 118.4 89.4 134.2

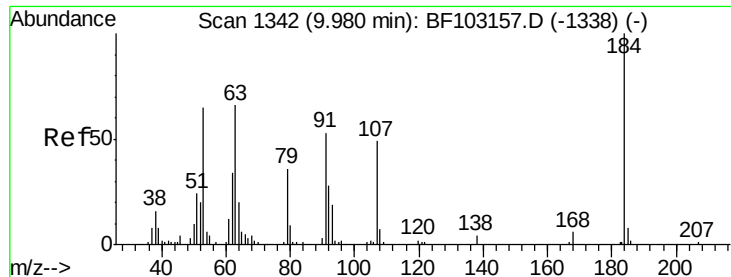


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

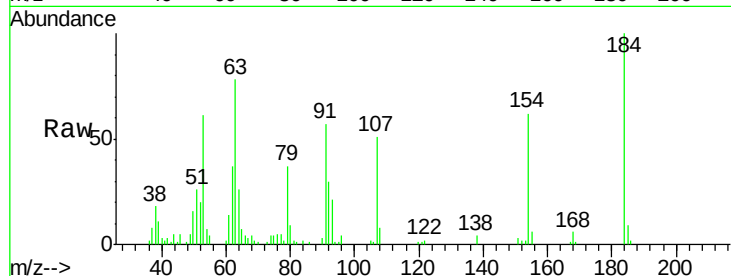




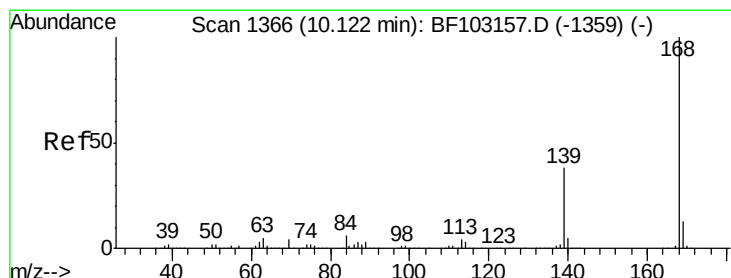
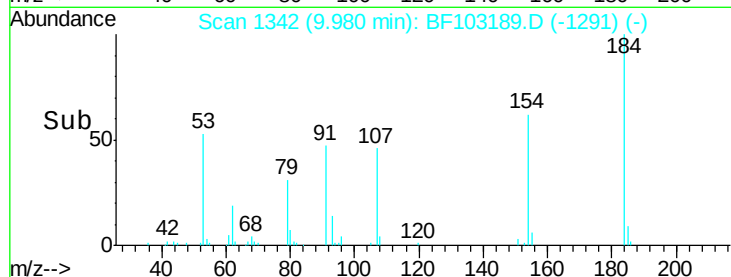
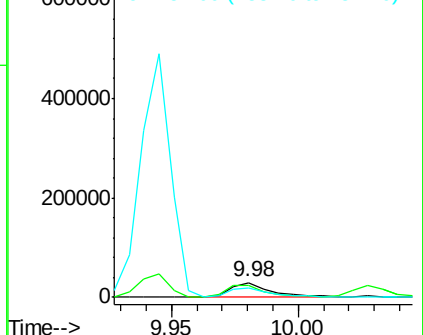
#53
2,4-Dinitrophenol
Concen: 22.878 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 31186
Ion Ratio Lower Upper
184 100
63 78.1 54.2 81.2
154 62.5 184.0 276.0#

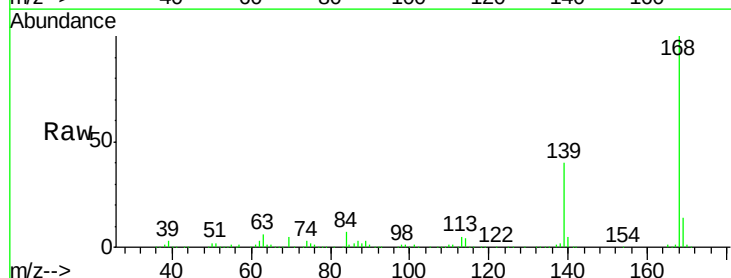


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

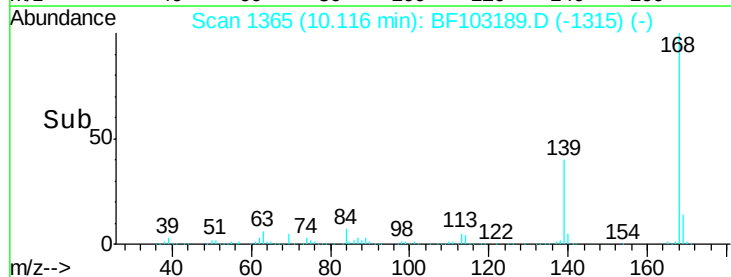
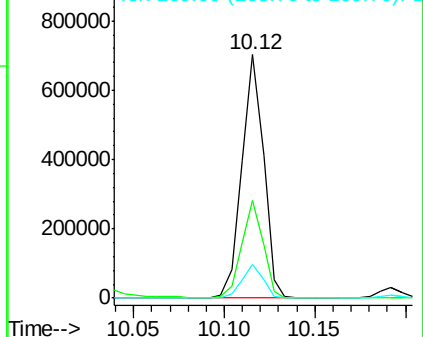


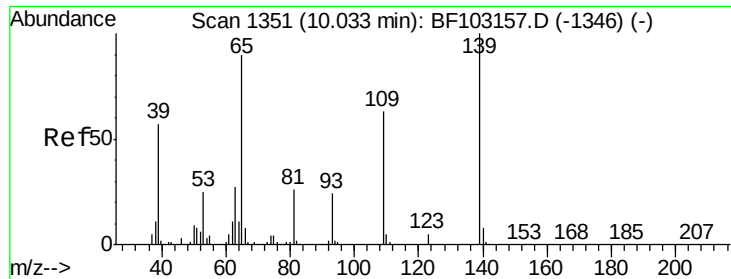
#54
Dibenzofuran
Concen: 21.214 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:168 Resp: 589454
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1
169 13.7 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

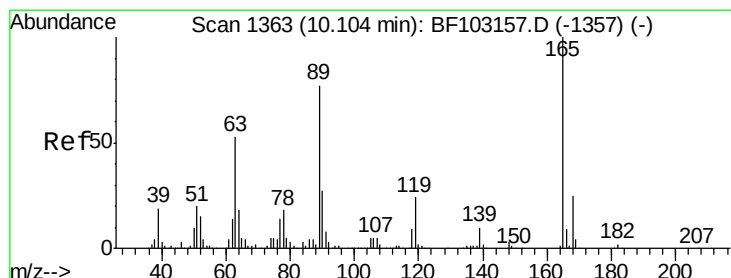
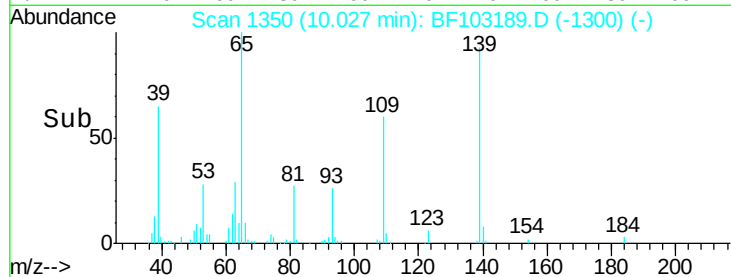
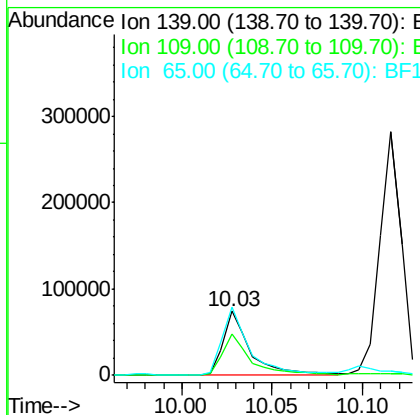
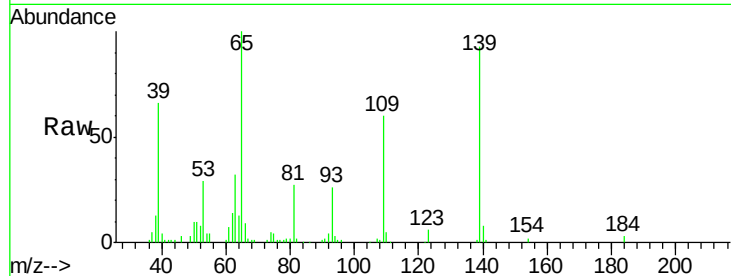




#55
4-Nitrophenol
Concen: 17.304 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

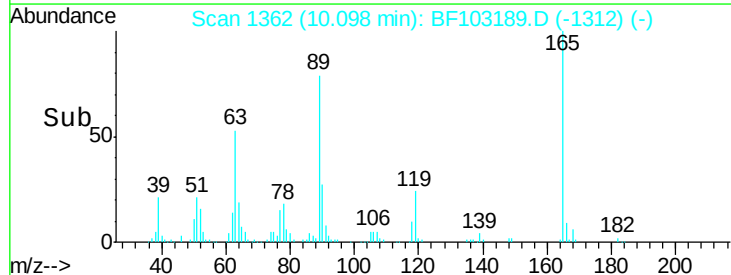
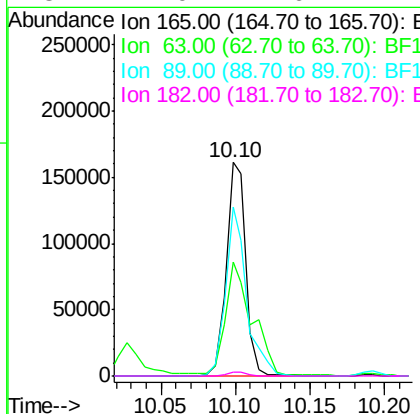
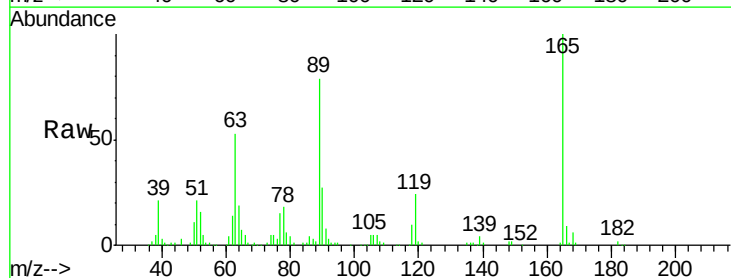
Instrument :
BNA_F
ClientSampleId :

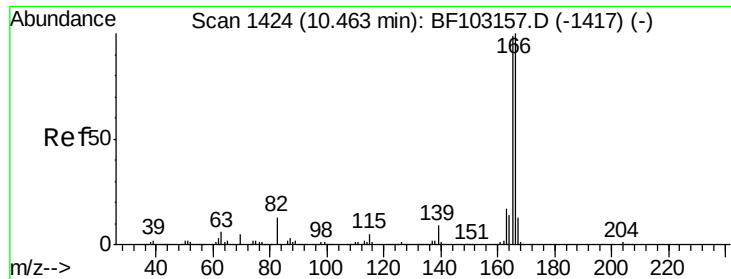
Tot Ion:139 Resp: 77958
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 107.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 20.600 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:165 Resp: 149268
Ion Ratio Lower Upper
165 100
63 53.4 36.4 54.6
89 79.0 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 19.566 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

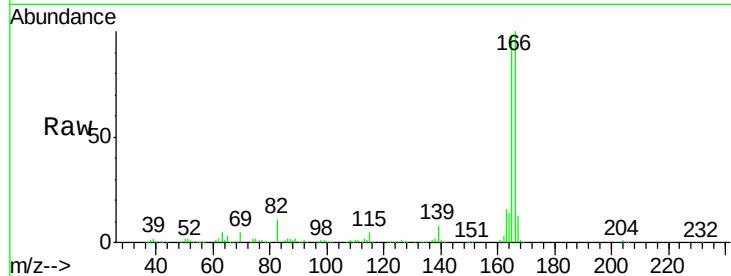
Tot Ion:166 Resp: 463128

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

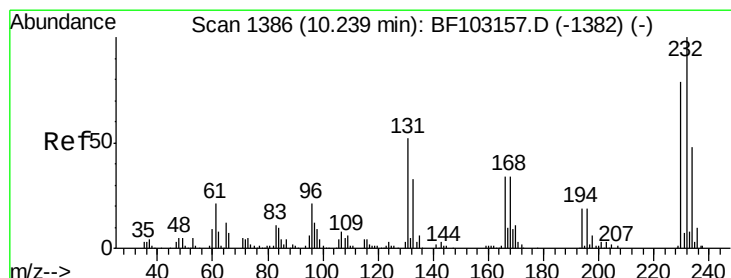
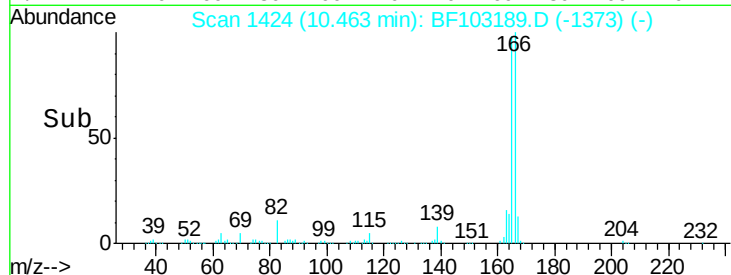
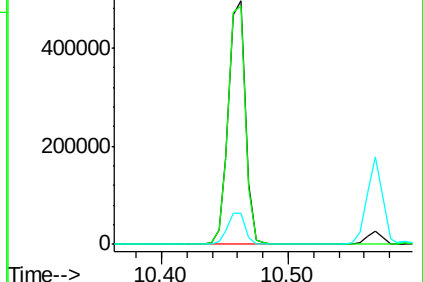
167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.917 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Tgt Ion:232 Resp: 96339

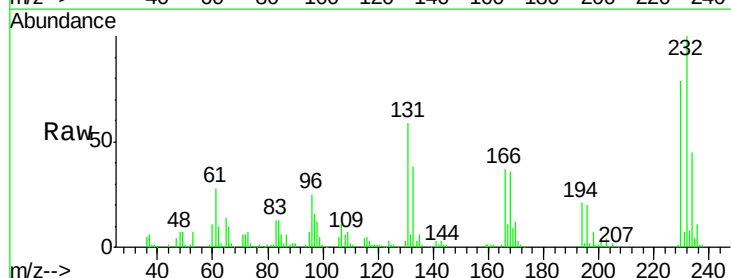
Ion Ratio Lower Upper

232 100

131 58.1 43.8 65.8

130 2.7 2.1 3.1

166 36.5 27.8 41.6

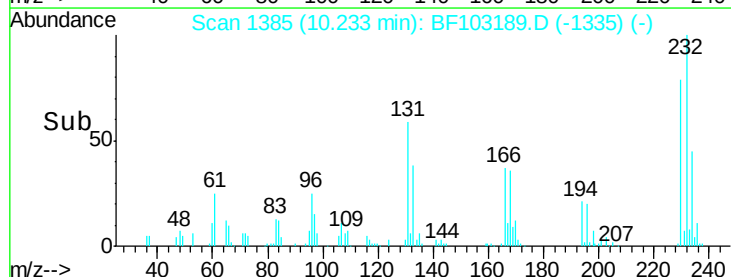
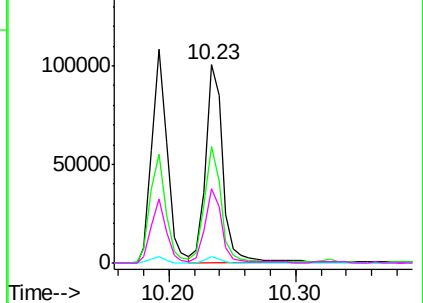


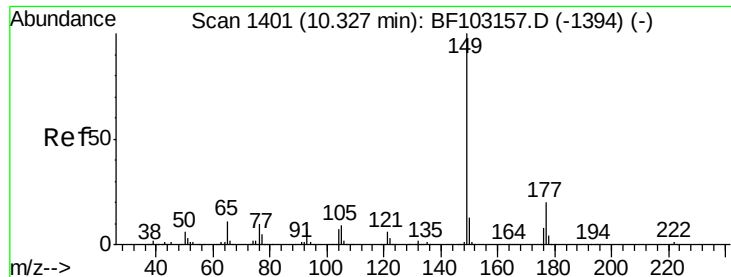
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 19.891 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

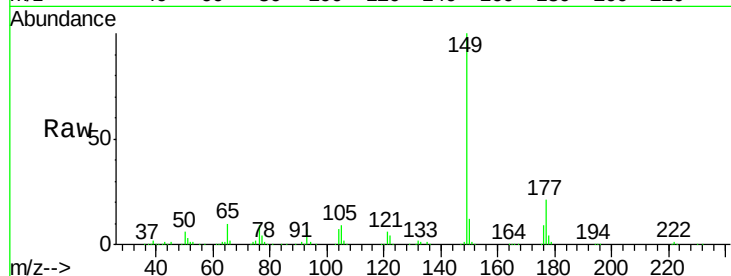
Tot Ion:149 Resp: 519396

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

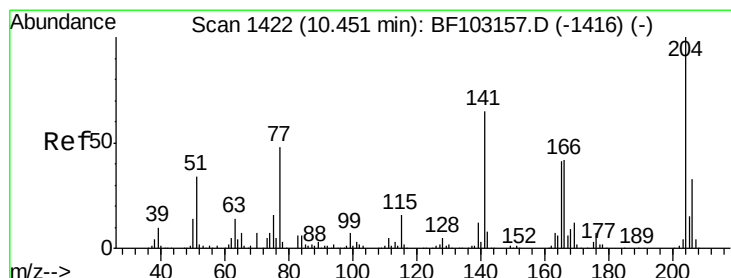
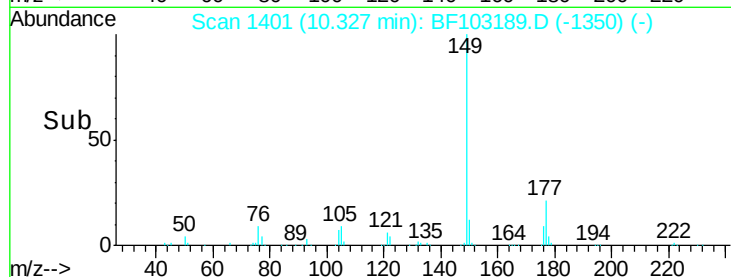
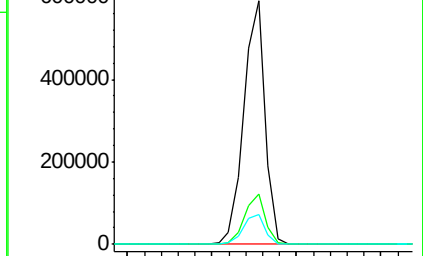
150 12.4 10.1 15.1



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: 20.496 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

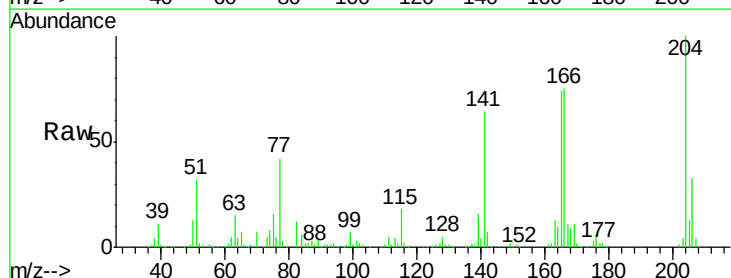
Tgt Ion:204 Resp: 205730

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

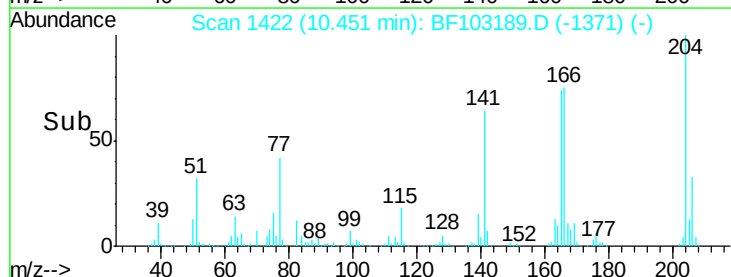
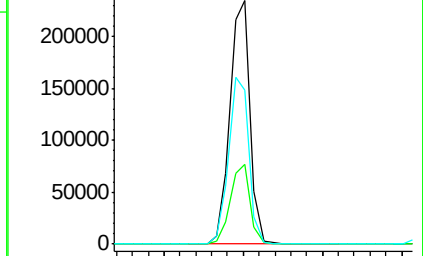
141 63.5 54.6 81.8

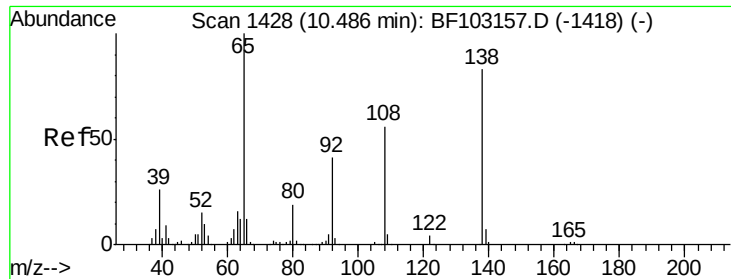


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

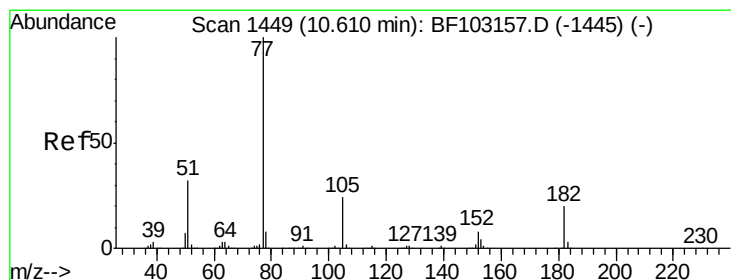
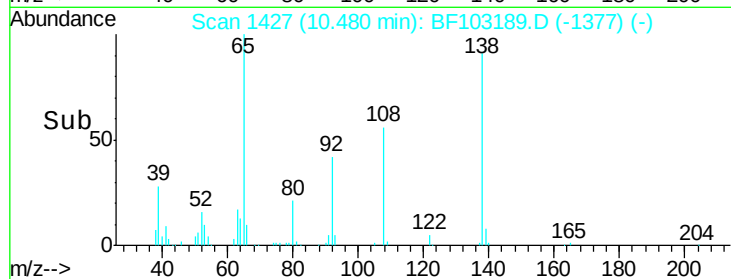
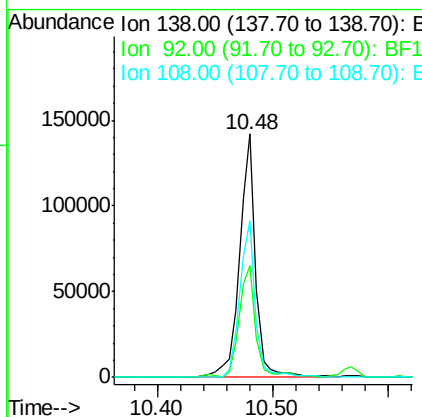
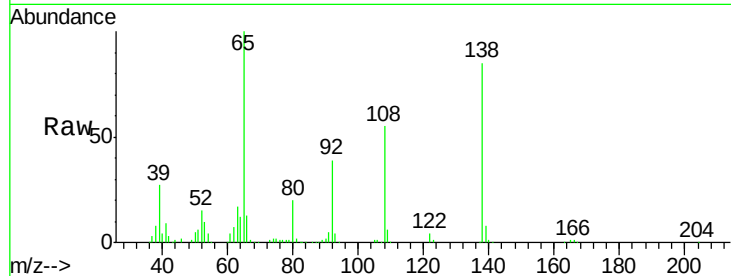




#61
4-Nitroaniline
Concen: 18.899 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

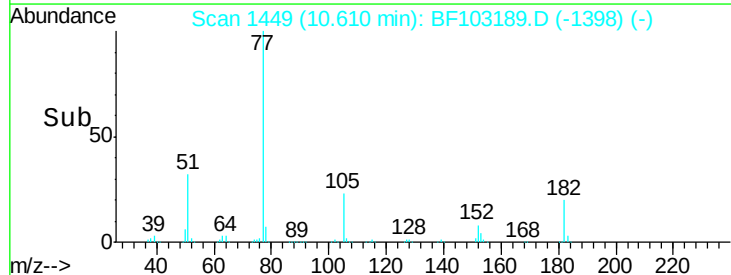
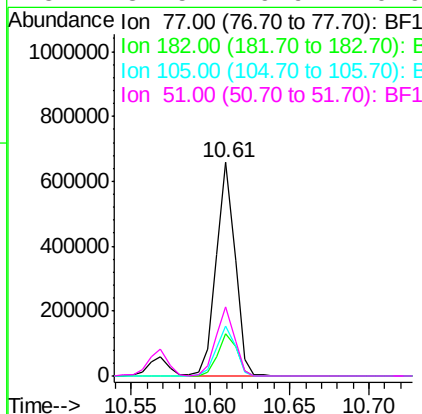
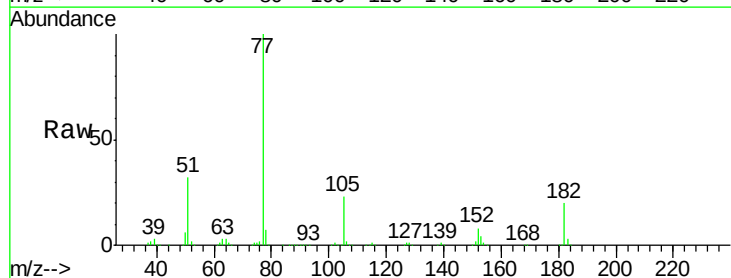
Instrument :
BNA_F
ClientSampleId :

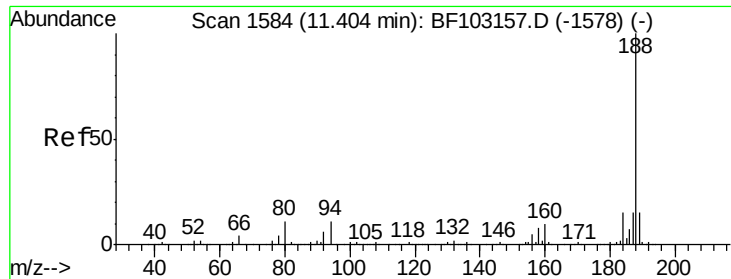
Tot Ion:138 Resp: 137213
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 64.4 52.5 92.5



#62
Azobenzene
Concen: 20.522 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion: 77 Resp: 545448
Ion Ratio Lower Upper
77 100
182 19.6 1.7 41.7
105 23.5 3.0 43.0
51 32.5 9.9 49.9

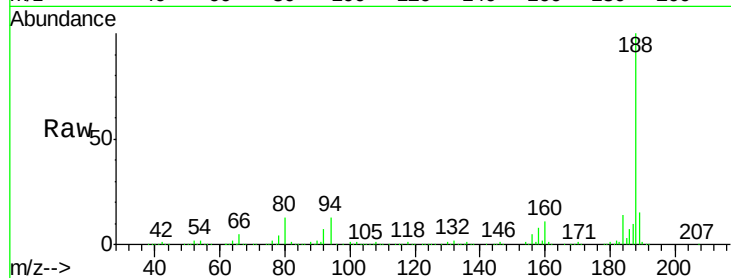




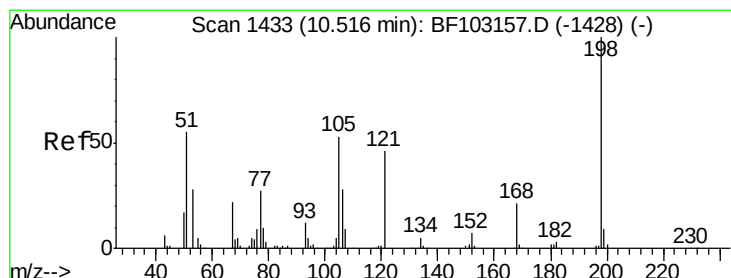
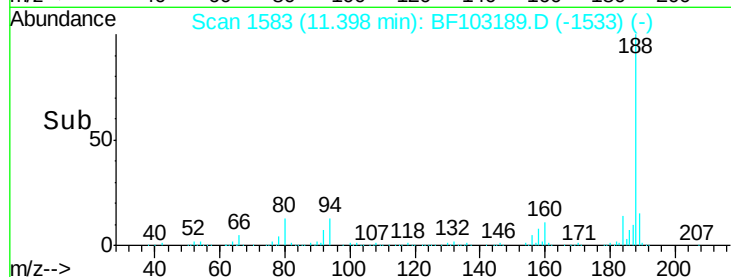
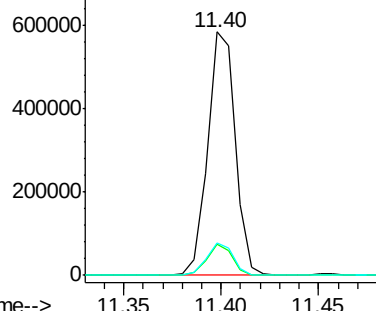
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 570609
Ion Ratio Lower Upper
188 100
94 12.7 8.5 12.7
80 13.2 9.2 13.8

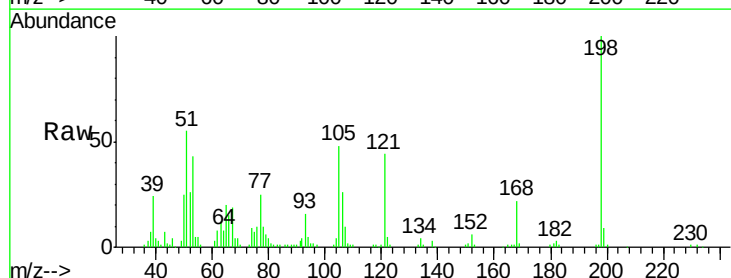


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

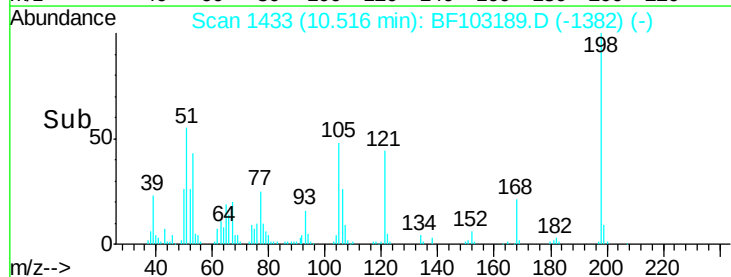
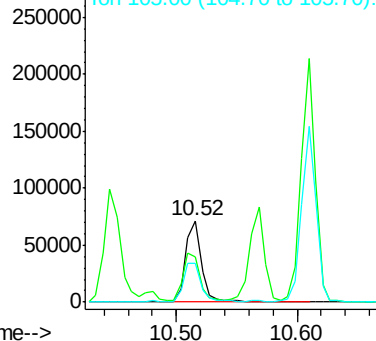


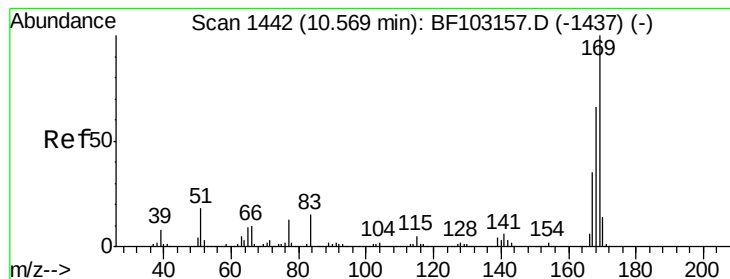
#64
4,6-Dinitro-2-methylphenol
Concen: 21.760 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:198 Resp: 65083
Ion Ratio Lower Upper
198 100
51 55.2 37.7 77.7
105 47.7 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: 20.379 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

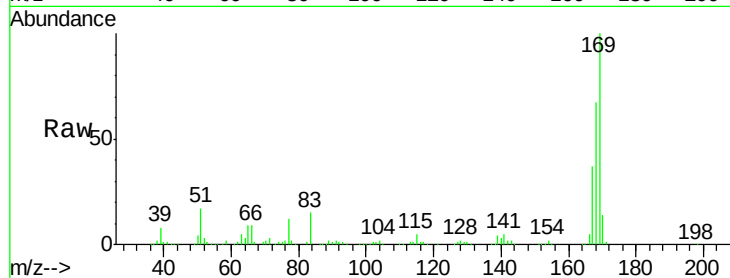
Tot Ion:169 Resp: 404887

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

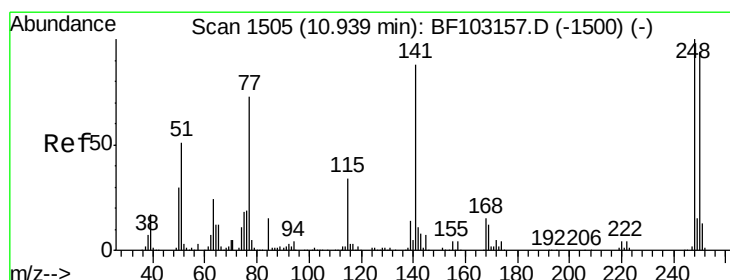
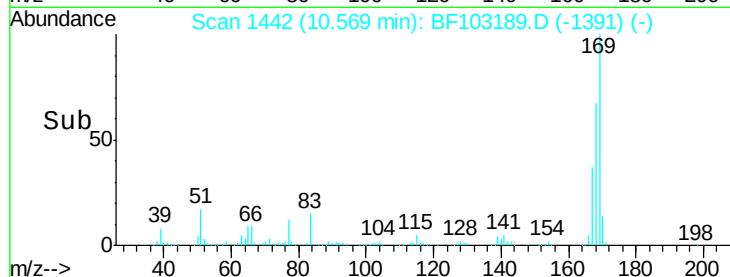
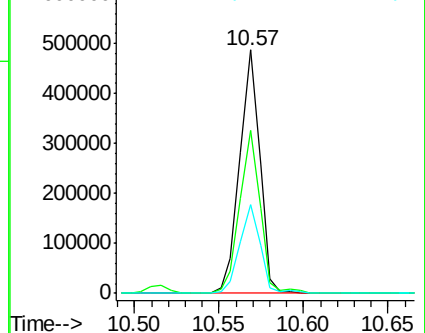
167 36.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.062 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

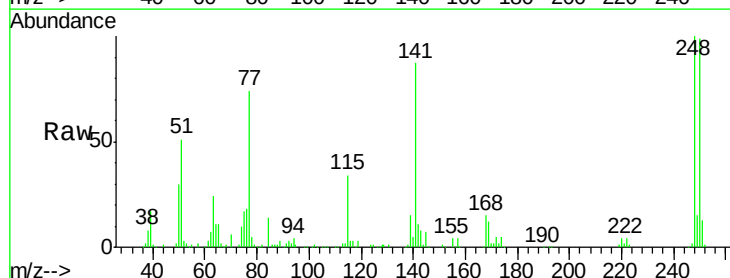
Tgt Ion:248 Resp: 119251

Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

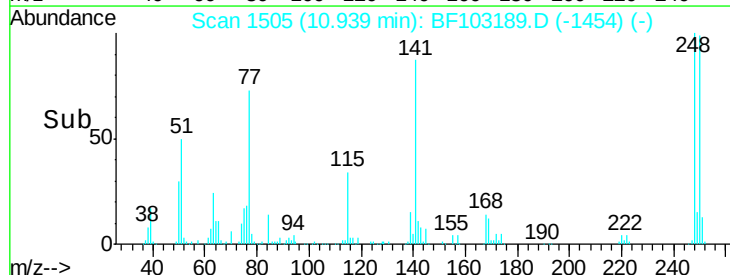
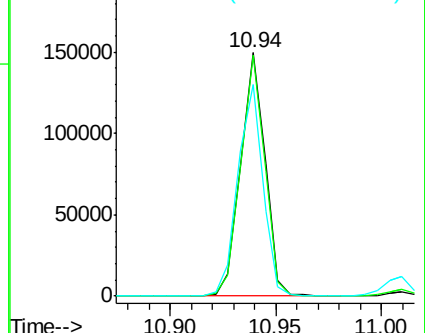
141 86.9 74.4 111.6

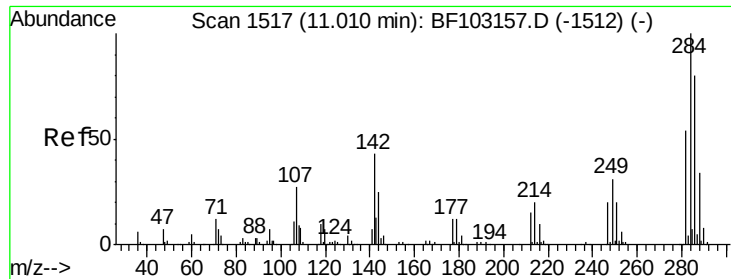


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

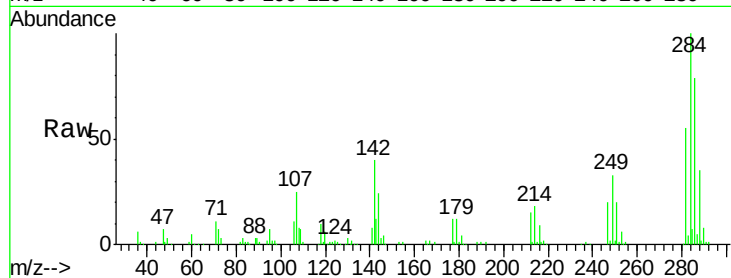




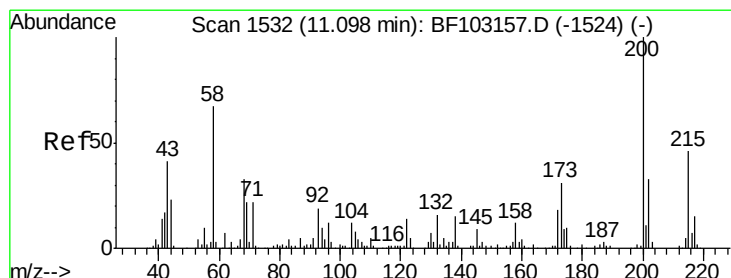
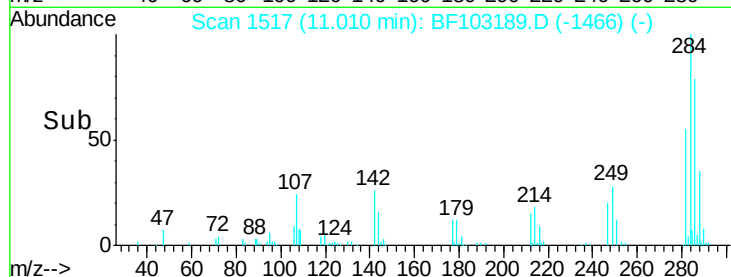
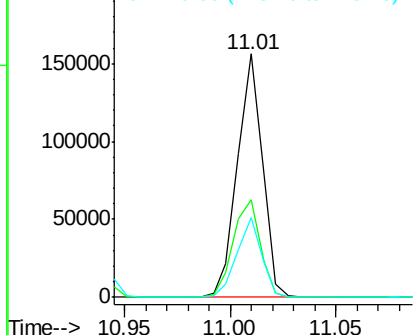
#67
Hexachlorobenzene
Concen: 19.837 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 127979
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 32.8 24.8 37.2

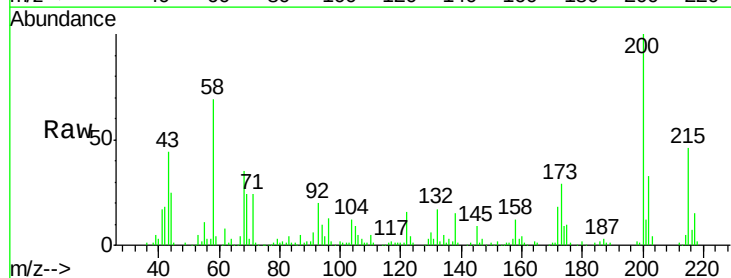


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

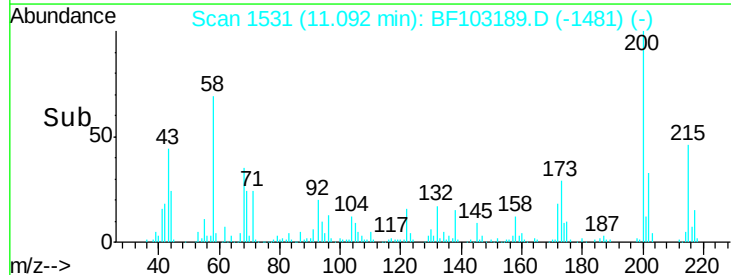
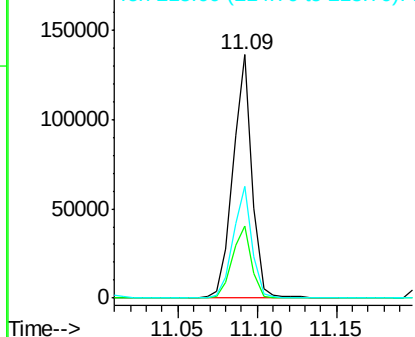


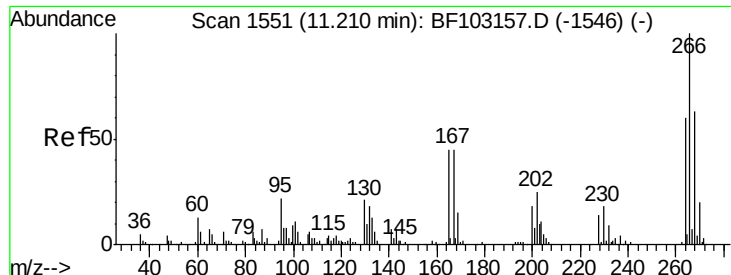
#68
Atrazine
Concen: 18.881 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:200 Resp: 112751
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 45.7 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

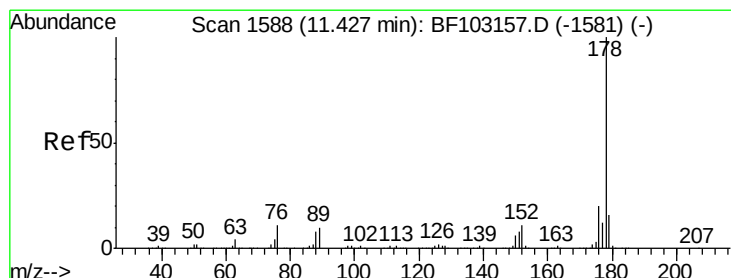
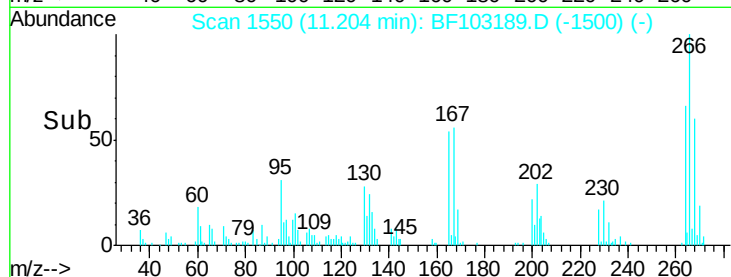
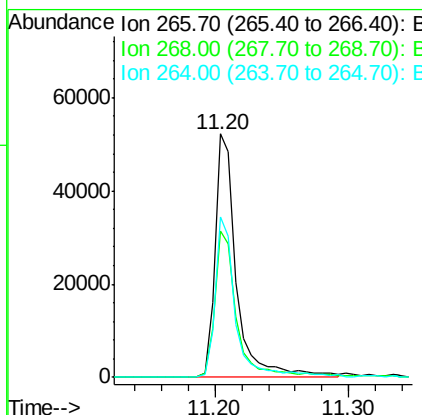
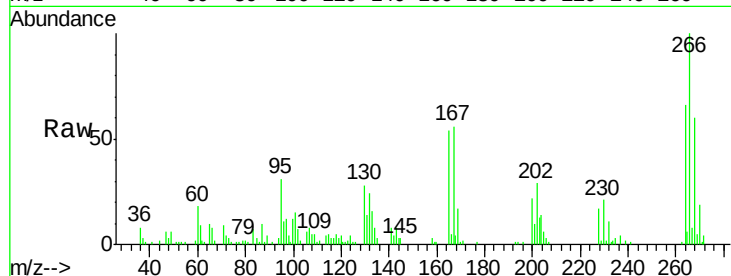




#69
 Pentachlorophenol
 Concen: 18.939 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

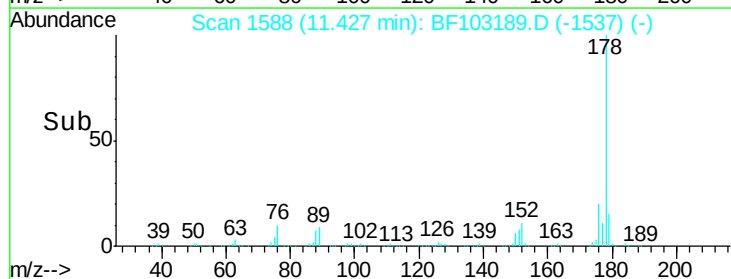
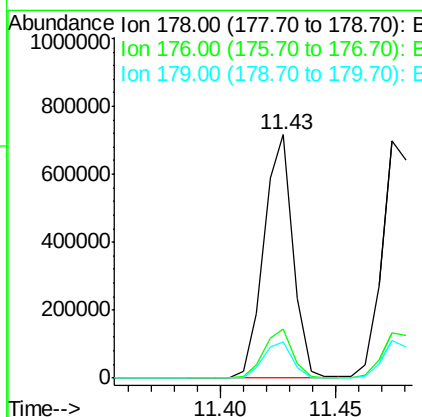
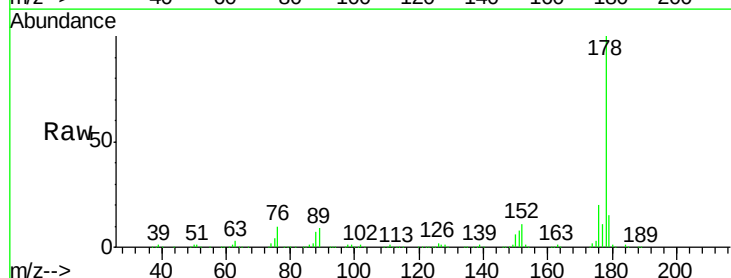
Instrument :
 BNA_F
 ClientSampleId :

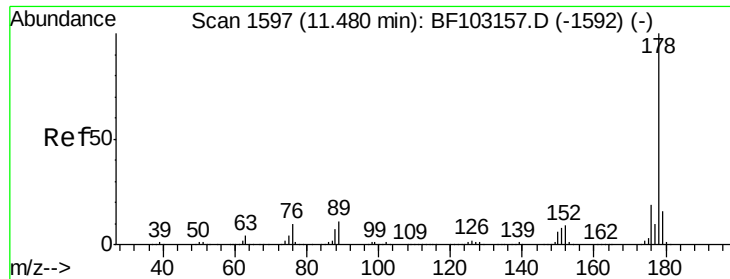
Tot Ion:266 Resp: 59081
 Ion Ratio Lower Upper
 266 100
 268 60.2 51.1 76.7
 264 65.9 49.5 74.3



#70
 Phenanthrene
 Concen: 20.029 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion:178 Resp: 628961
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.0 13.0 19.6

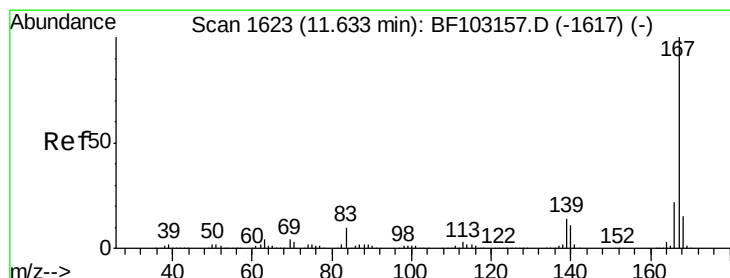
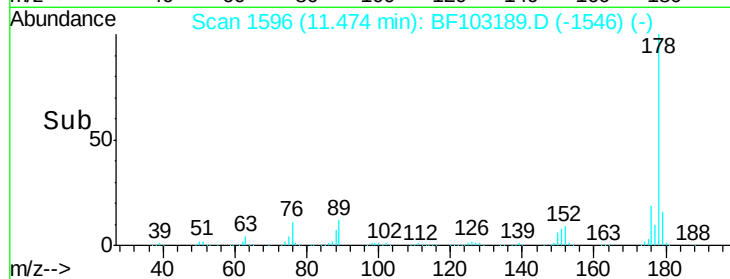
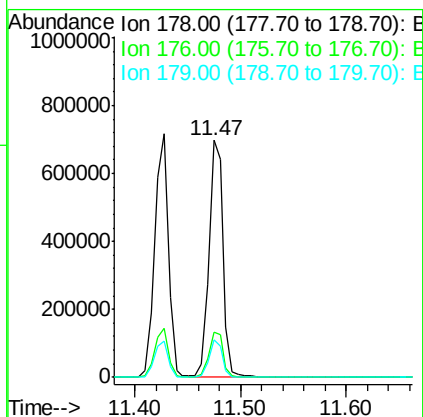
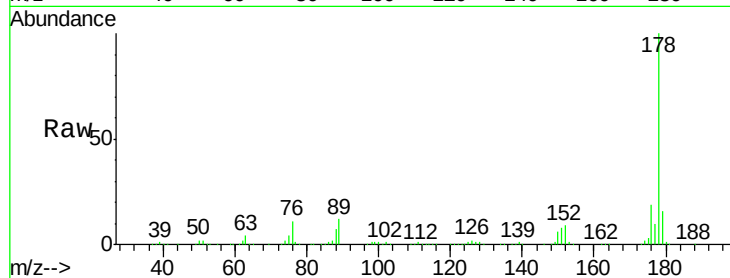




#71
 Anthracene
 Concen: 20.241 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

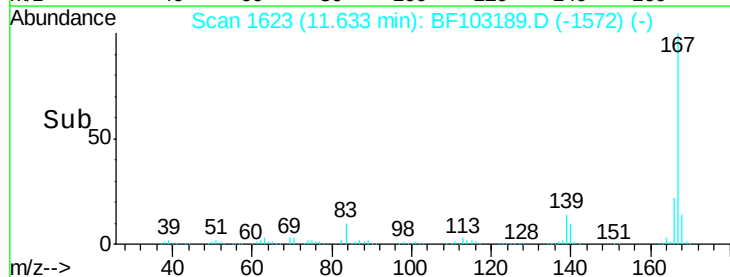
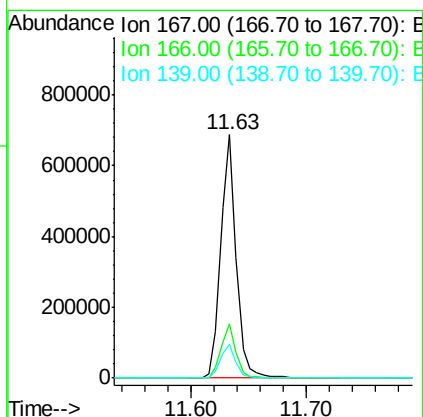
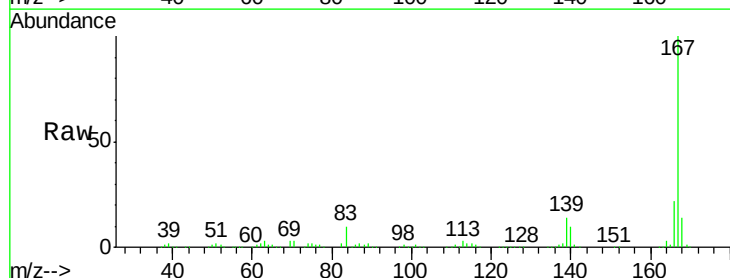
Instrument :
 BNA_F
 ClientSampled :

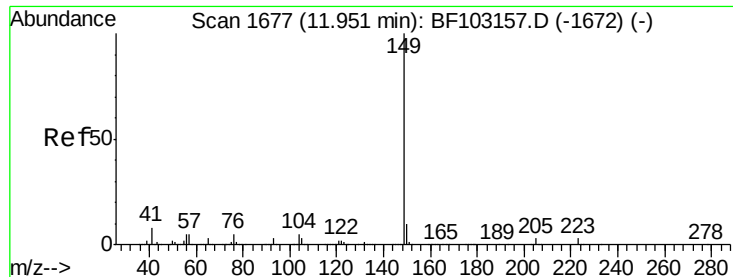
Tot Ion:178 Resp: 651790
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 19.928 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion:167 Resp: 639044
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 20.260 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

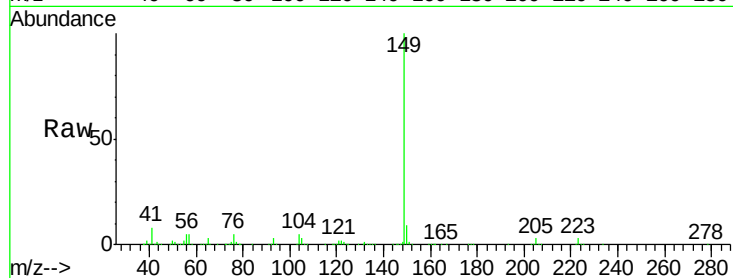
Tot Ion:149 Resp: 812940

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

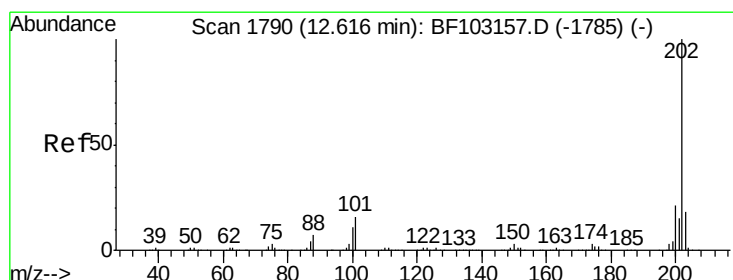
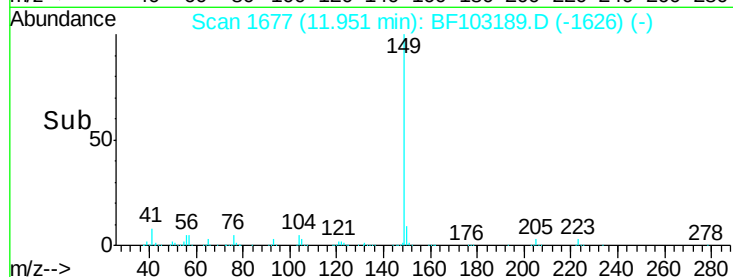
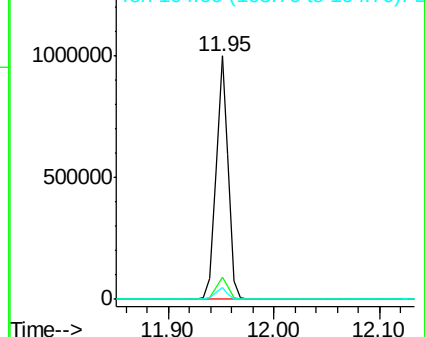
104 4.8 3.8 5.8



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: 19.829 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

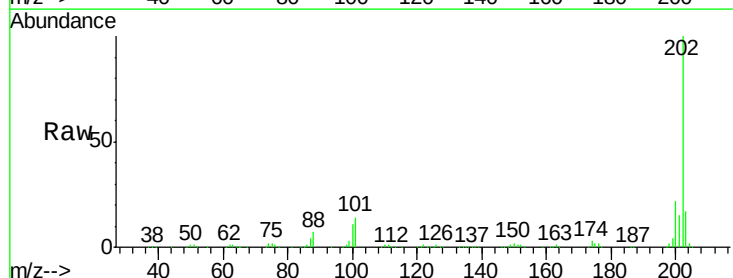
Tgt Ion:202 Resp: 625709

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

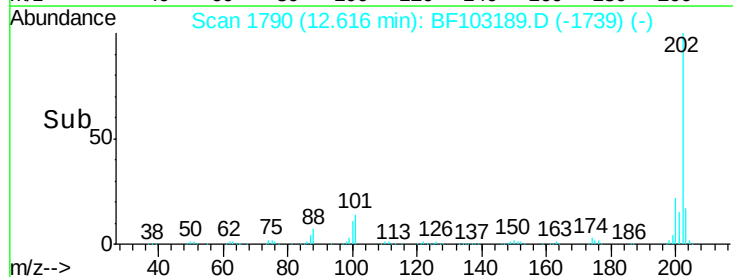
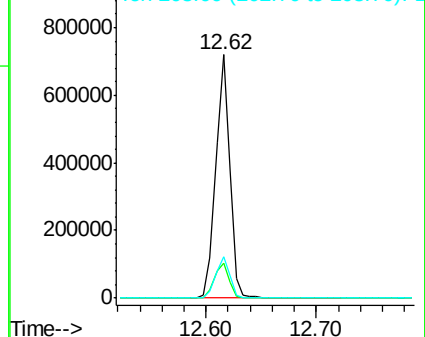
203 17.1 0.0 38.1

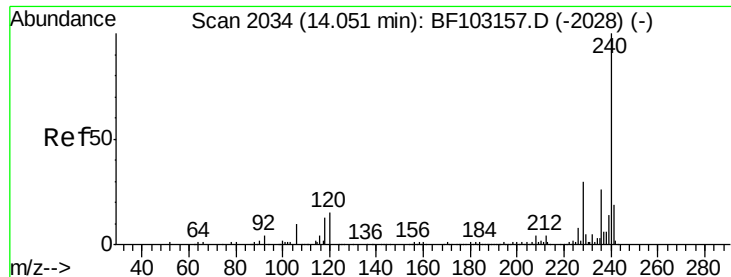


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

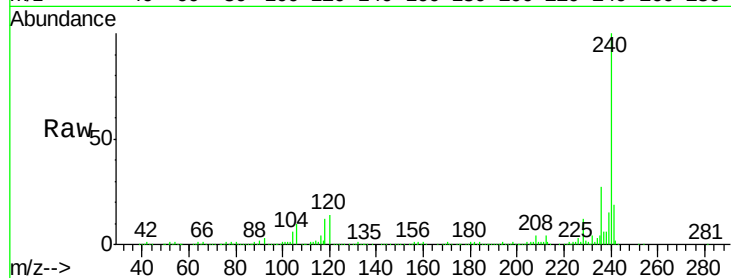
Tot Ion:240 Resp: 413240

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

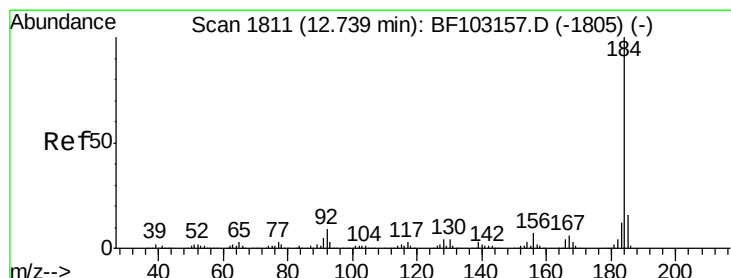
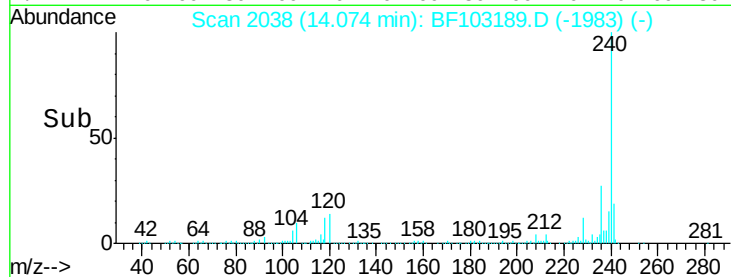
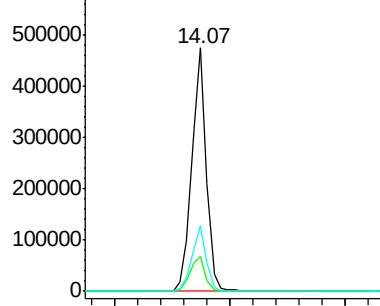
236 26.8 20.7 31.1



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: 13.381 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

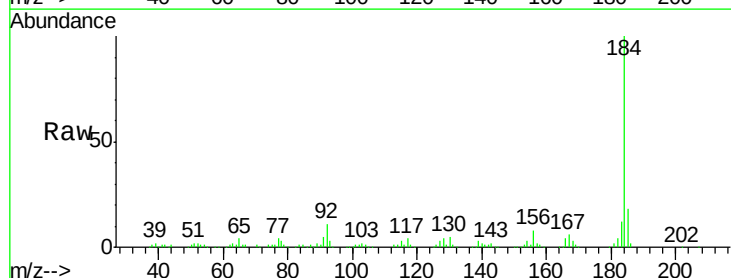
Tgt Ion:184 Resp: 206720

Ion Ratio Lower Upper

184 100

185 18.2 12.6 18.8

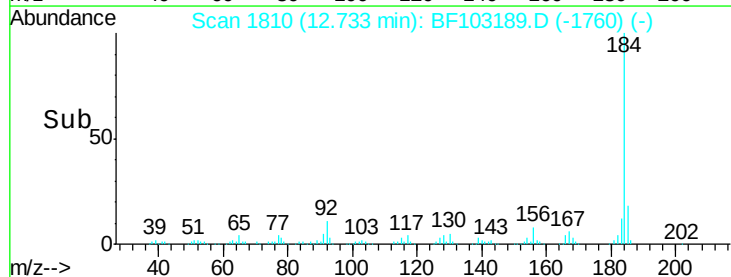
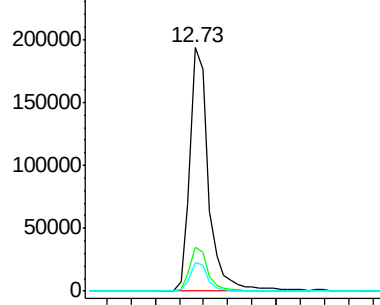
183 11.5 9.3 13.9

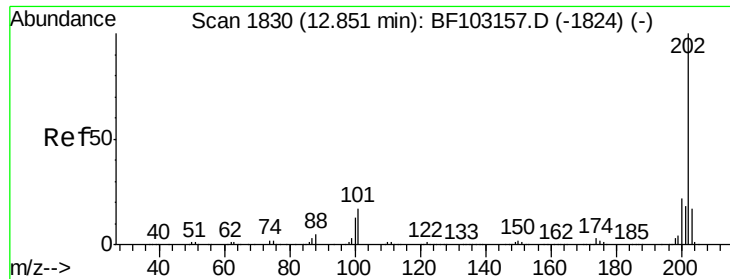


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

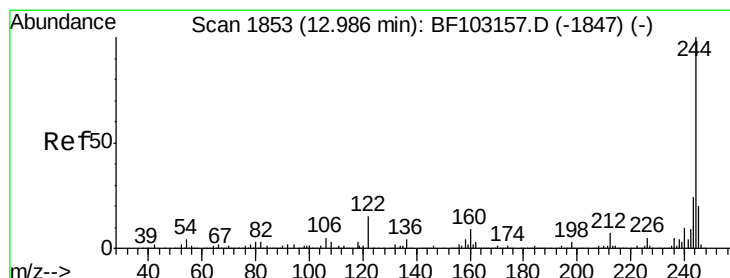
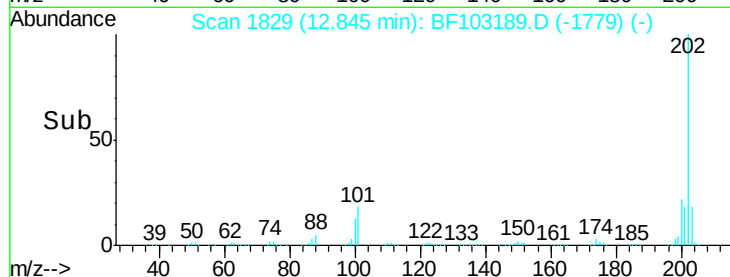
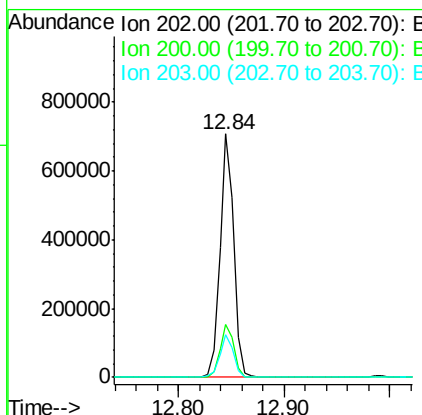
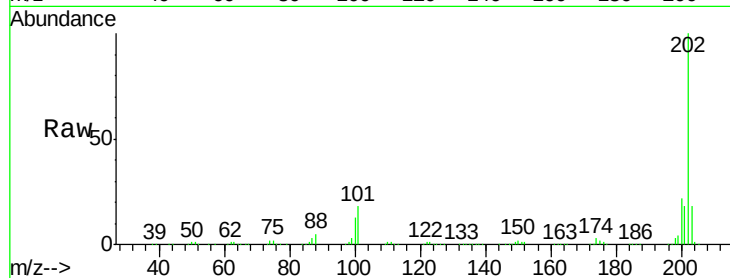




#77
 Pvrene
 Concen: 20.217 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

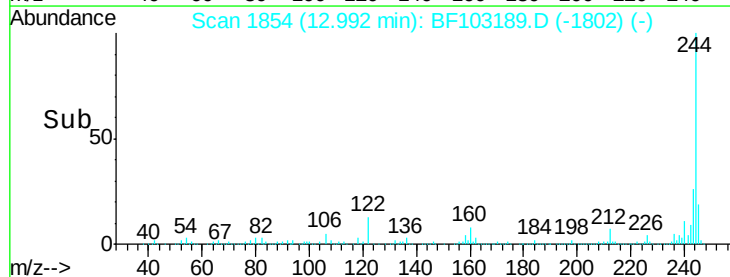
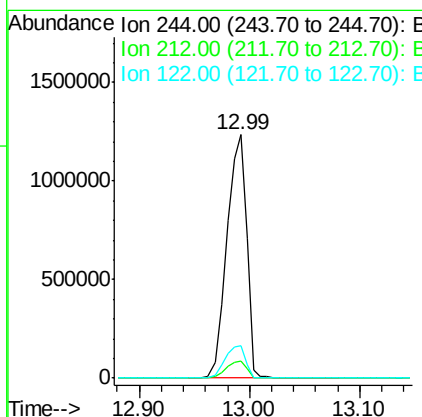
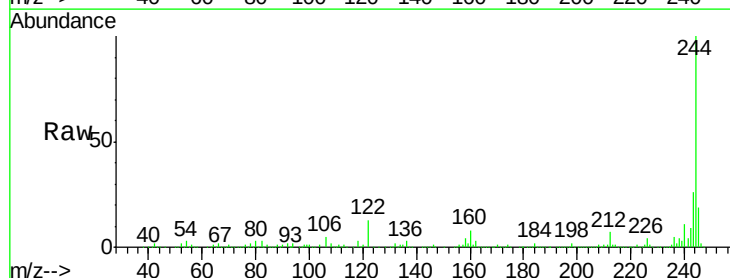
Instrument :
 BNA_F
 ClientSampleId :

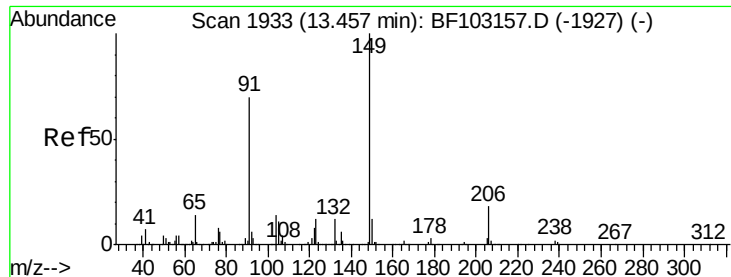
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 90.208 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF103189.D
 Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.4	11.0	16.4

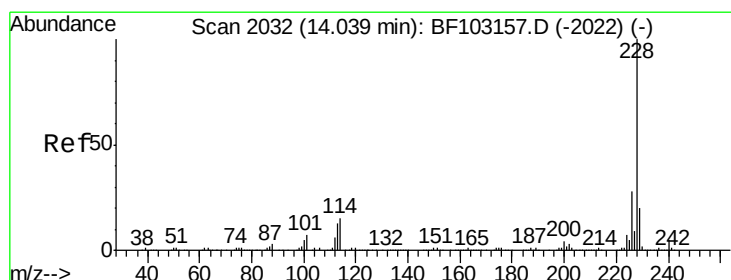
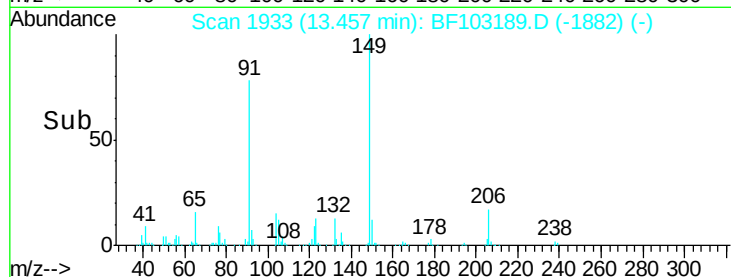
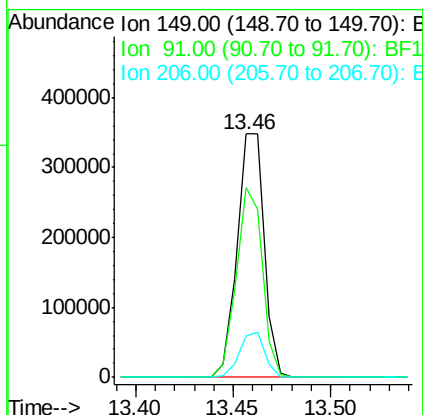
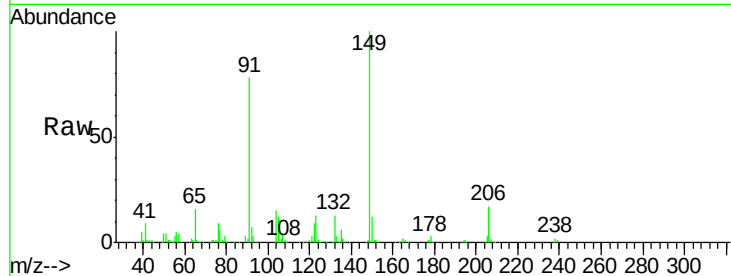




#79
Butylbenzylphthalate
Concen: 19.759 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

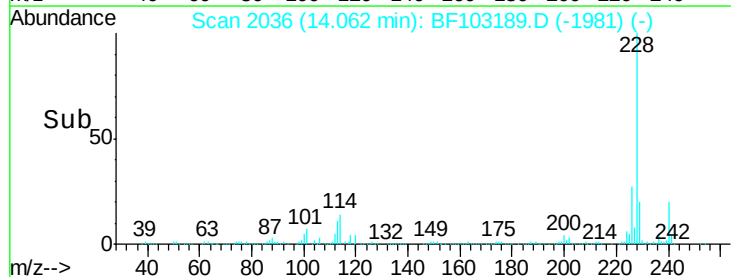
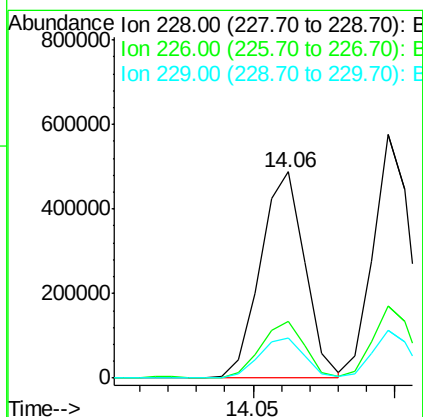
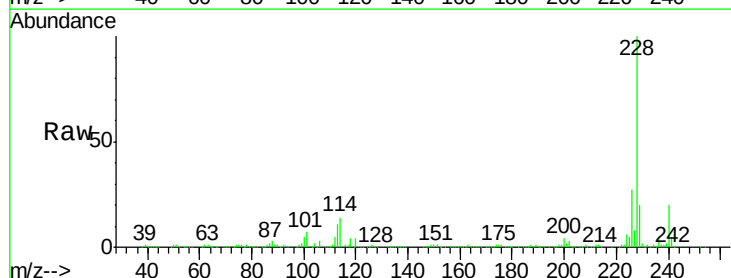
Instrument :
BNA_F
ClientSampleId :

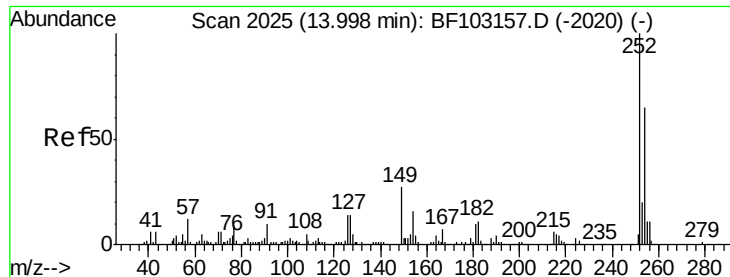
Tot Ion:149 Resp: 336351
Ion Ratio Lower Upper
149 100
91 77.9 56.8 85.2
206 16.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 19.803 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion:228 Resp: 530963
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 18.637 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

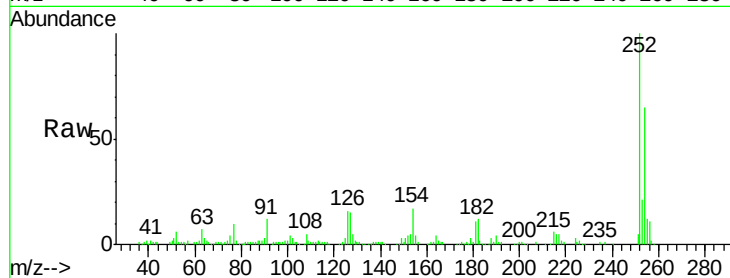
Tot Ion:252 Resp: 178331

Ion Ratio Lower Upper

252 100

254 65.5 50.4 75.6

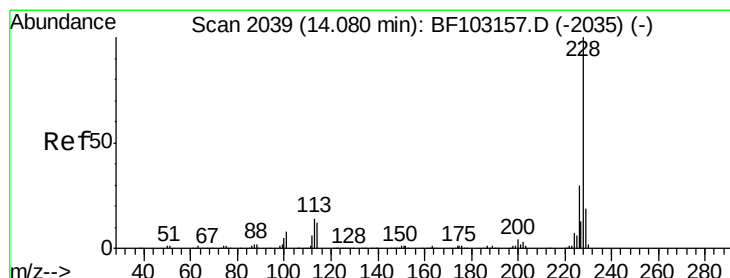
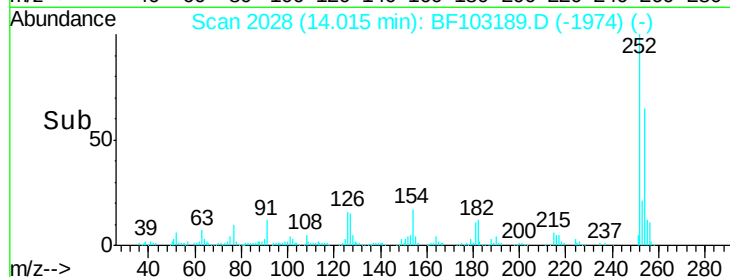
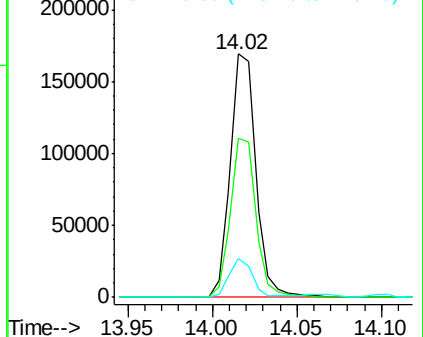
126 15.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 20.196 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

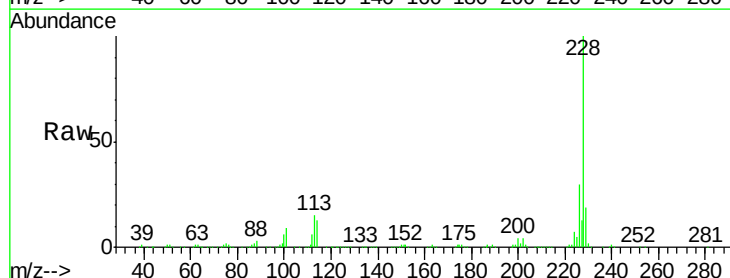
Tgt Ion:228 Resp: 525795

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

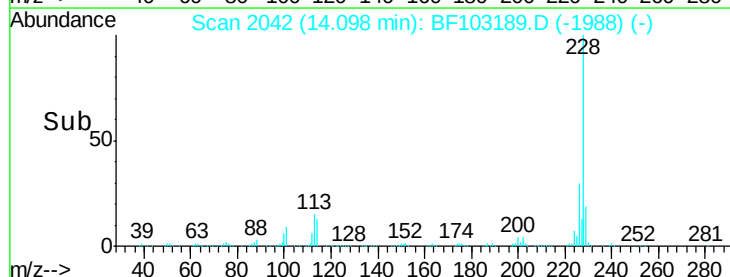
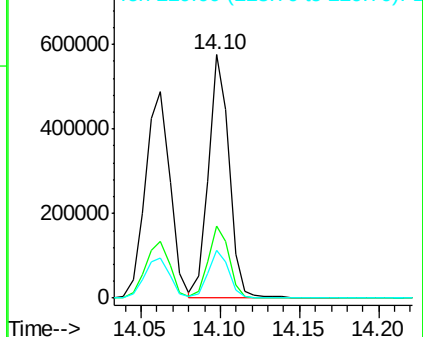
229 19.4 16.2 24.4

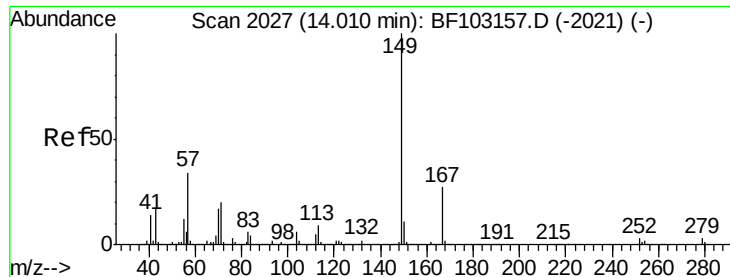


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.049 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

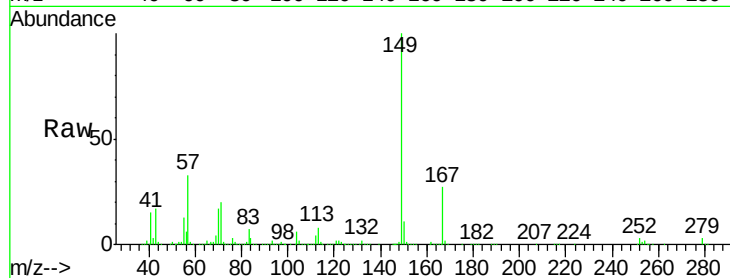
Tot Ion:149 Resp: 483521

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

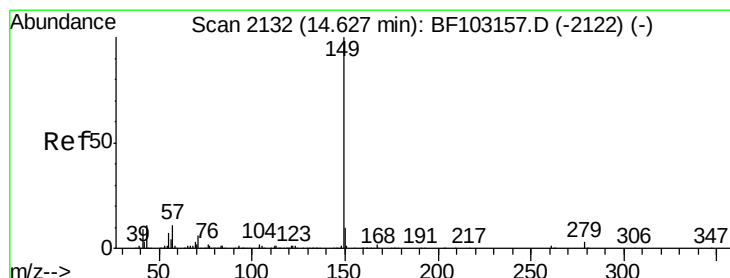
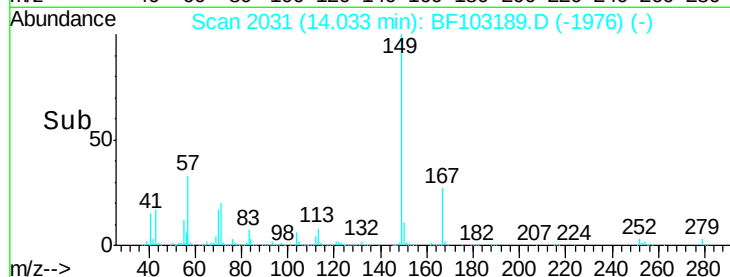
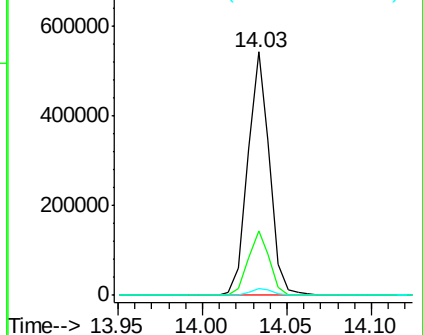
279 2.8 3.0 4.4#



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: 20.044 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.05 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

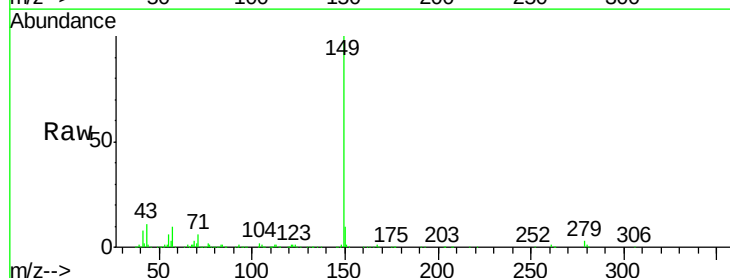
Tgt Ion:149 Resp: 743934

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

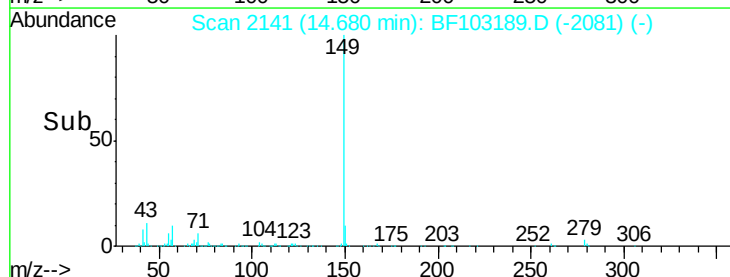
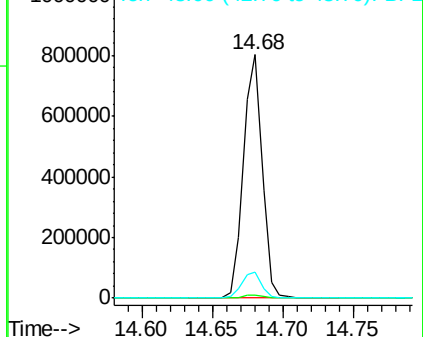
43 11.0 8.4 12.6

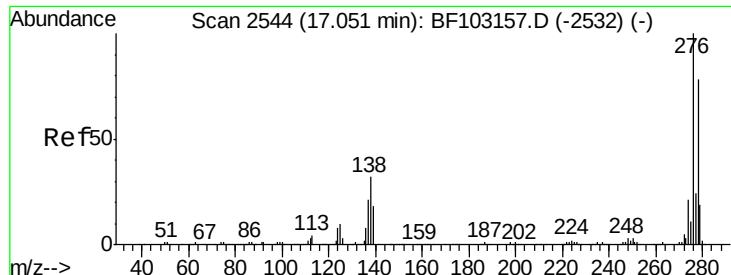


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

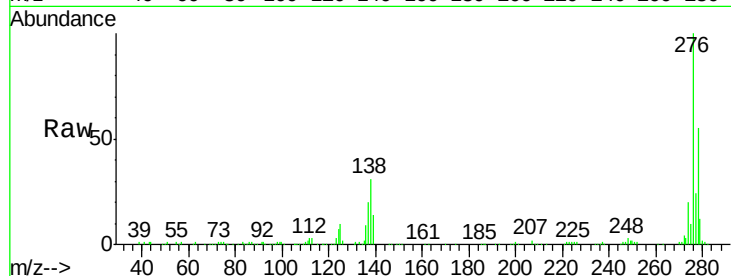




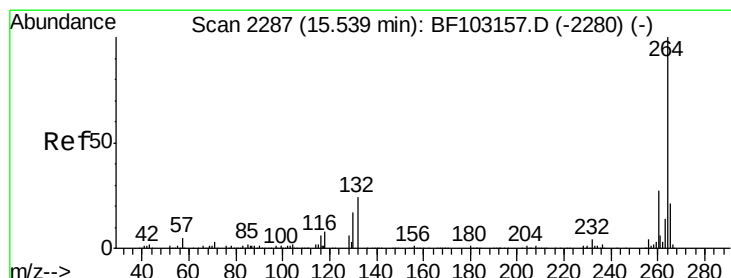
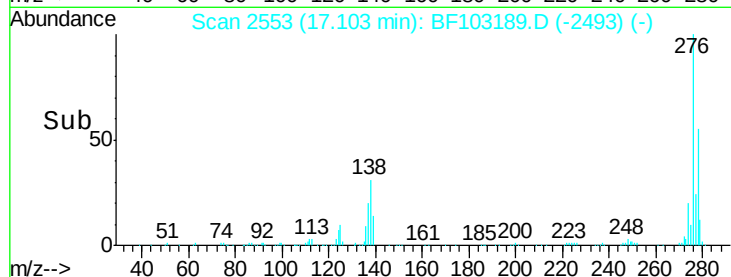
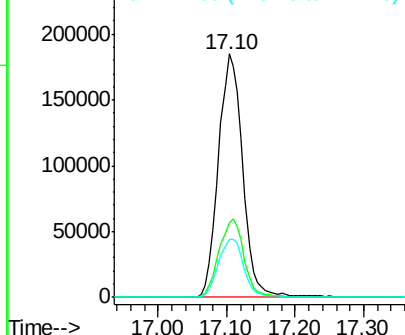
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.115 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.05 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	24.8	20.1	30.1

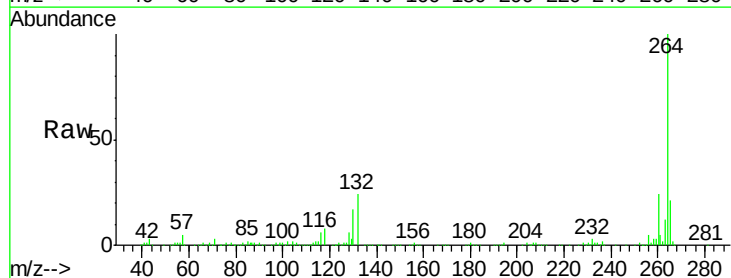


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

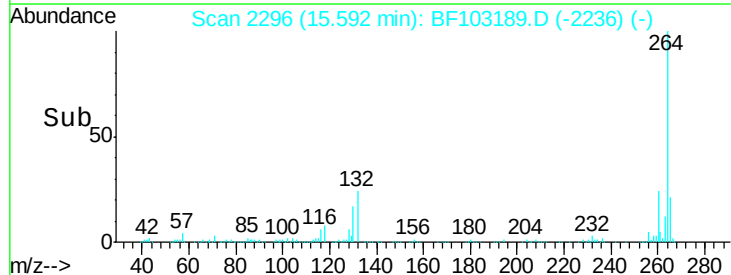
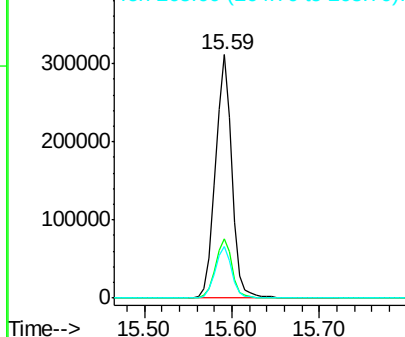


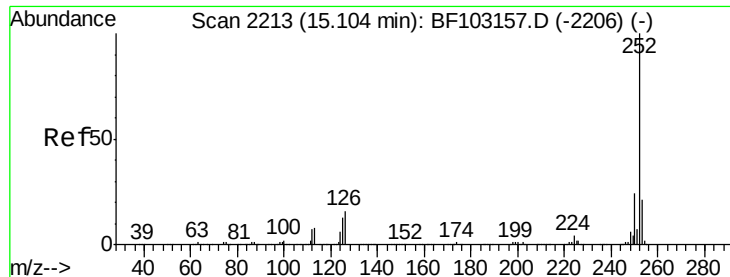
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.05 min
Lab File: BF103189.D
Acq: 23 Feb 2018 10:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 18.027 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.05 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

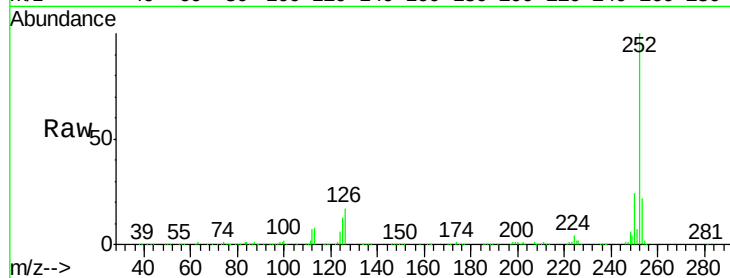
Tot Ion:252 Resp: 482240

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

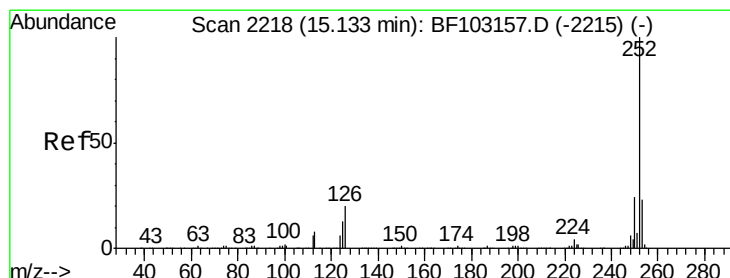
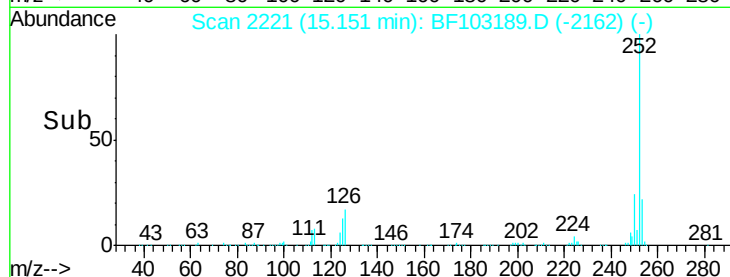
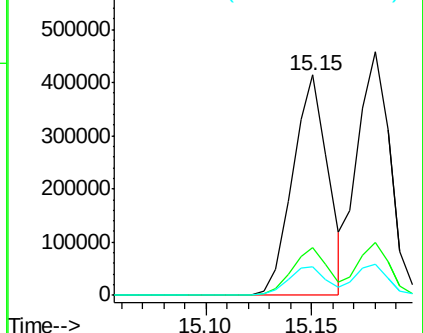
125 13.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 19.791 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

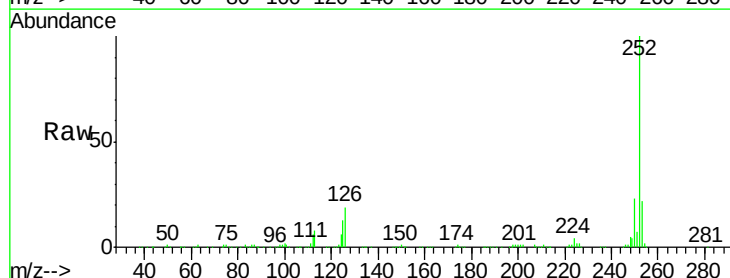
Tgt Ion:252 Resp: 498535

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

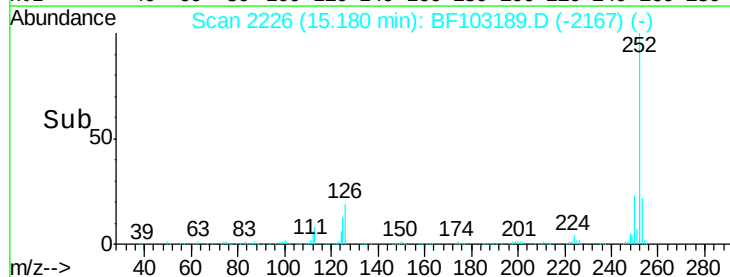
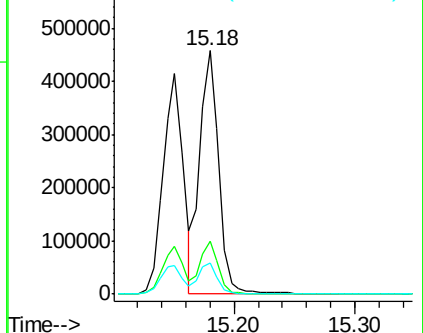
125 13.0 10.2 15.2

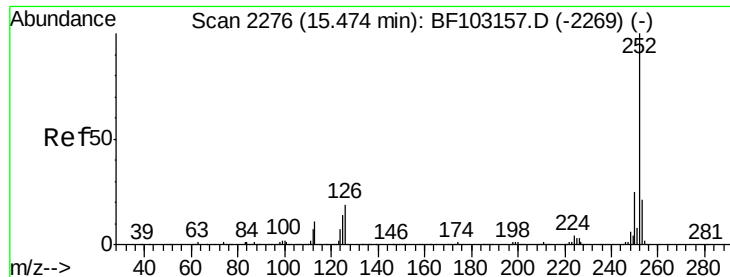


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 19.398 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.05 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :

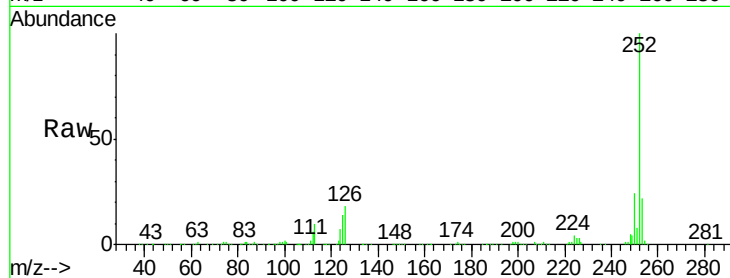
Tot Ion:252 Resp: 463374

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

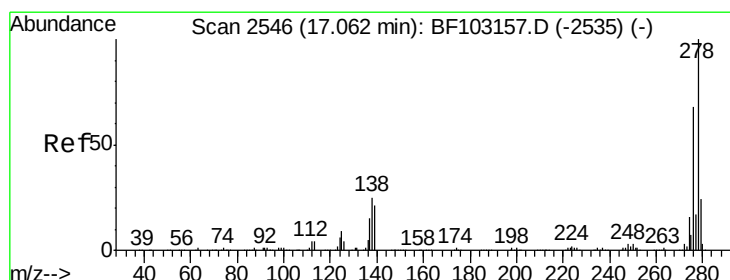
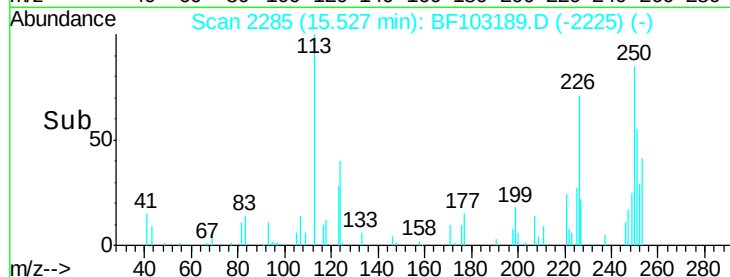
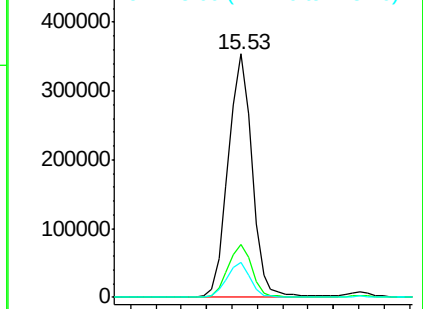
125 14.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 20.206 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.05 min

Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

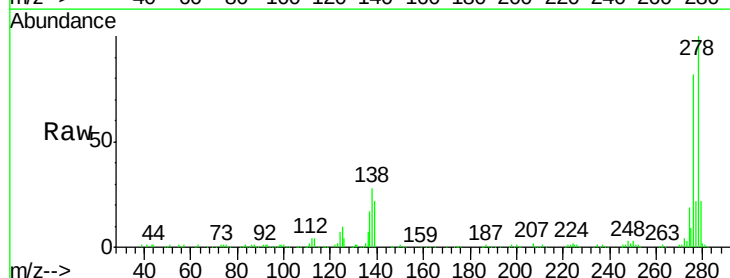
Tgt Ion:278 Resp: 372981

Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

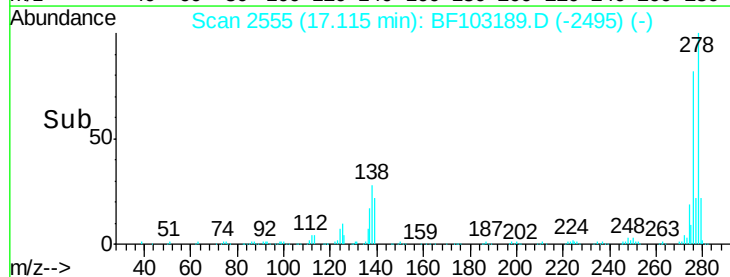
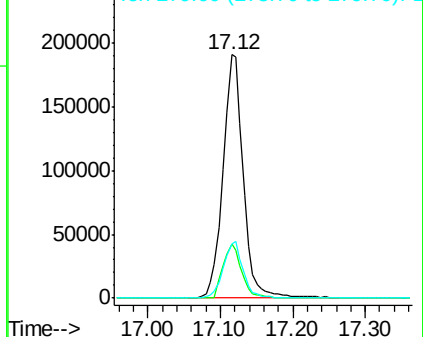
279 22.4 19.0 28.4

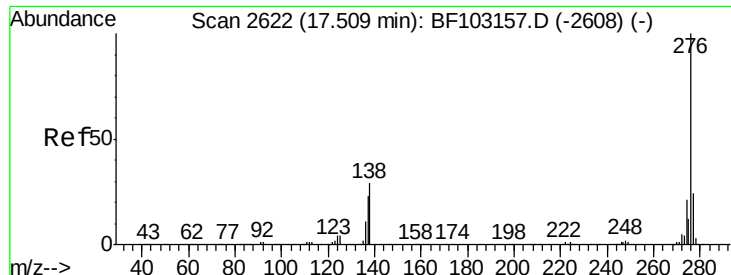


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 20.840 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.06 min

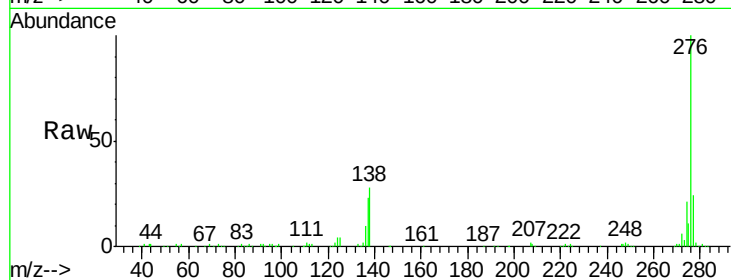
Lab File: BF103189.D

Acq: 23 Feb 2018 10:39

Instrument :

BNA_F

ClientSampleId :



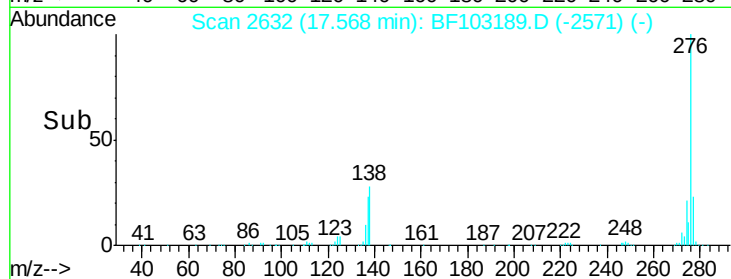
Tot Ion: 276 Resp: 375959

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 28.2 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

