

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103187.D
 Acq On : 23 Feb 2018 9:46
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD-S-5ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 10:24:53 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	174993	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	747179	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	350258	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	606269	20.00	ng	0.00
75) Chrysene-d12	14.04	240	457568	20.00	ng	0.00
86) Perylene-d12	15.54	264	448750	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1291199	111.60	ng	0.00
7) Phenol-d6	6.51	99	1570343	110.92	ng	0.00
23) Nitrobenzene-d5	7.44	82	1179957	90.19	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	347572	117.24	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1745059	86.07	ng	0.00
78) Terphenyl-d14	12.99	244	1453633	76.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	26420	4.323	ng	90
3) Pyridine	3.56	79	57749	3.540	ng	95
4) n-Nitrosodimethylamine	3.40	42	21480	3.265	ng	# 97
6) Aniline	6.54	93	101486	4.967	ng	96
8) 2-Chlorophenol	6.66	128	59380	4.940	ng	94
9) Benzaldehyde	6.43	77	34122	2.659	ng	96
10) Phenol	6.52	94	81899	4.983	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	64568	5.176	ng	93
12) 1,3-Dichlorobenzene	6.81	146	70421	5.127	ng	99
13) 1,4-Dichlorobenzene	6.89	146	69894	5.075	ng	99
14) 1,2-Dichlorobenzene	7.04	146	65110	5.127	ng	96
15) Benzyl Alcohol	7.01	79	67376	6.315	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	108138	5.048	ng	98
17) 2-Methylphenol	7.12	107	55722	5.101	ng	97
18) Hexachloroethane	7.38	117	25863	5.159	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	51579	5.854	ng	97
20) 3+4-Methylphenols	7.27	107	74115	5.566	ng	# 28
22) Acetophenone	7.27	105	99094	5.682	ng	# 92
24) Nitrobenzene	7.45	77	75187	5.220	ng	95
25) Isophorone	7.69	82	130112	5.049	ng	96
26) 2-Nitrophenol	7.77	139	30914	4.559	ng	97
27) 2,4-Dimethylphenol	7.80	122	48625	4.691	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	76751	5.066	ng	98
29) 2,4-Dichlorophenol	8.02	162	47466	4.783	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	54470	5.154	ng	96
31) Naphthalene	8.17	128	193539	5.291	ng	99
32) Benzoic acid	7.88	122	22409	9.408	ng	# 89
33) 4-Chloroaniline	8.23	127	79378	5.029	ng	98
34) Hexachlorobutadiene	8.29	225	29026	5.274	ng	95
35) Caprolactam	8.56	113	17314	4.964	ng	# 83
36) 4-Chloro-3-methylphenol	8.70	107	55113	4.924	ng	94
37) 2-Methylnaphthalene	8.86	142	129289	5.469	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	49748	5.195	ng	99
40) Hexachlorocyclopentadiene	9.02	237	3328	9.758	ng	83

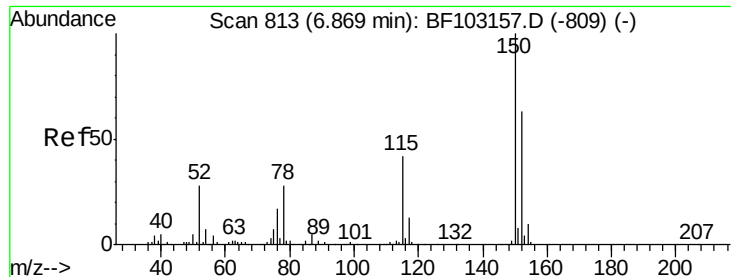
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103187.D
 Acq On : 23 Feb 2018 9:46
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD-S-5ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 10:24:53 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)
42) 2,4,6-Trichlorophenol	9.15	196	30355	4.711	ng	97
43) 2,4,5-Trichlorophenol	9.19	196	35749	4.824	ng	94
45) 1,1'-Biphenyl	9.33	154	164276	5.597	ng	97
46) 2-Chloronaphthalene	9.36	162	122307	5.267	ng	99
47) 2-Nitroaniline	9.45	65	40910	4.756	ng	85
48) Acenaphthylene	9.77	152	192205	5.380	ng	99
49) Dimethylphthalate	9.62	163	146105	5.200	ng	99
50) 2,6-Dinitrotoluene	9.69	165	29151	4.944	ng	# 81
51) Acenaphthene	9.94	154	116304	5.583	ng	99
52) 3-Nitroaniline	9.86	138	35282	4.716	ng	93
53) 2,4-Dinitrophenol	9.98	184	4330	11.410	ng	# 15
54) Dibenzofuran	10.12	168	165144	5.775	ng	97
55) 4-Nitrophenol	10.04	139	15993	3.449	ng	87
56) 2,4-Dinitrotoluene	10.10	165	37702	5.056	ng	92
57) Fluorene	10.46	166	132590	5.443	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	24468	4.915	ng	96
59) Diethylphthalate	10.32	149	145282	5.406	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	57677	5.583	ng	98
61) 4-Nitroaniline	10.47	138	34001	4.550	ng	94
62) Azobenzene	10.61	77	151732	5.547	ng	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	11666	7.782	ng	88
65) n-Nitrosodiphenylamine	10.56	169	112916	5.349	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	32330	5.119	ng	95
67) Hexachlorobenzene	11.01	284	35527	5.183	ng	93
68) Atrazine	11.09	200	30845	4.861	ng	96
69) Pentachlorophenol	11.21	266	11310	3.412	ng	91
70) Phenanthrene	11.42	178	184920	5.542	ng	98
71) Anthracene	11.47	178	184588	5.395	ng	99
72) Carbazole	11.63	167	180310	5.292	ng	98
73) Di-n-butylphthalate	11.95	149	229536	5.384	ng	99
74) Fluoranthene	12.62	202	181056	5.400	ng	98
76) Benzidine	12.74	184	46391	2.712	ng	# 92
77) Pyrene	12.84	202	187684	5.261	ng	97
79) Butylbenzylphthalate	13.45	149	90645	4.809	ng	91
80) Benzo(a)anthracene	14.03	228	145889	4.914	ng	97
81) 3,3'-Dichlorobenzidine	13.99	252	51106	4.823	ng	99
82) Chrysene	14.07	228	150021	5.204	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	133584	5.252	ng	98
84) Di-n-octyl phthalate	14.63	149	200750	4.885	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	130579	5.722	ng	97
87) Benzo(b)fluoranthene	15.10	252	130071	4.408	ng	96
88) Benzo(k)fluoranthene	15.13	252	143595	5.168	ng	98
89) Benzo(a)pyrene	15.47	252	123709	4.695	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	105448	5.179	ng	95
91) Benzo(g,h,i)perylene	17.50	276	106429	5.349	ng	96

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

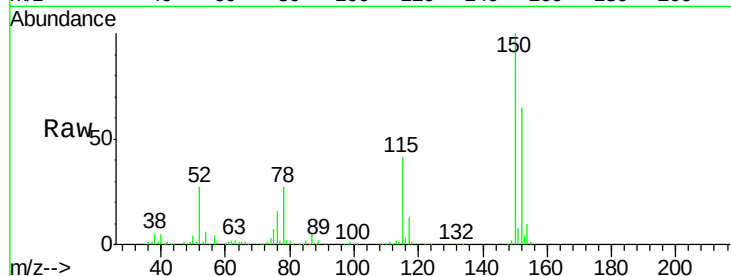


#1

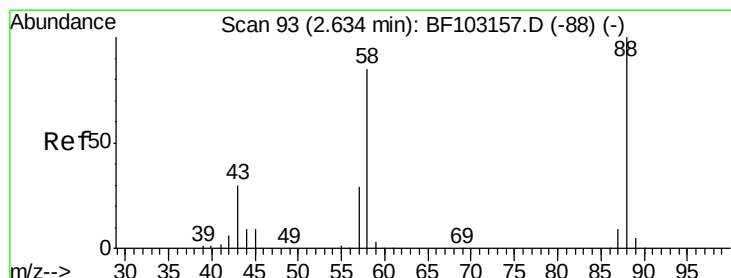
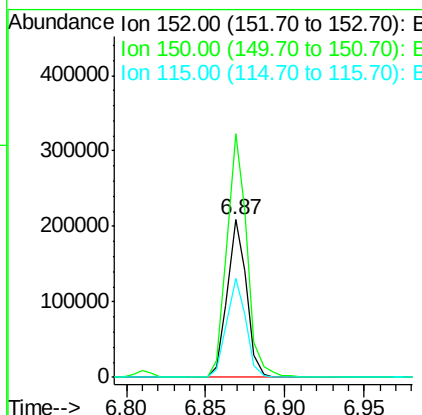
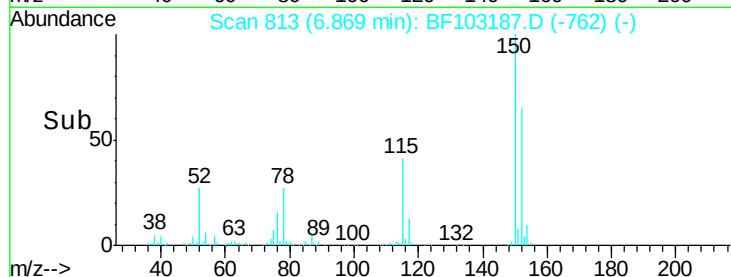
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174993
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.6 50.1 75.1



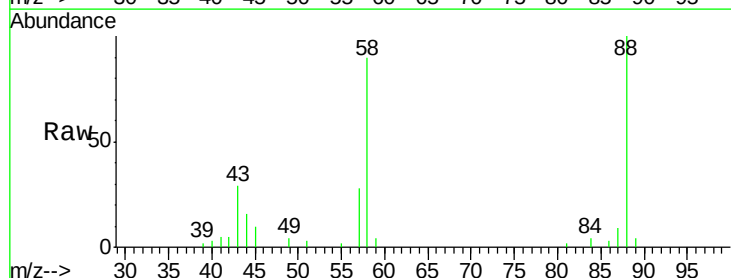
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



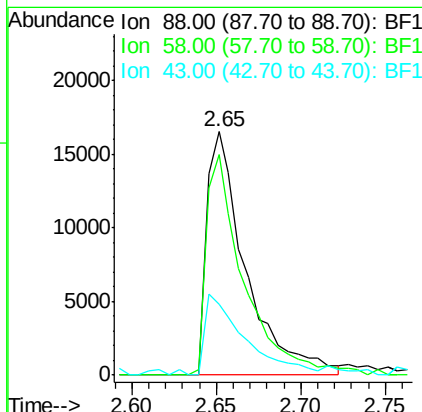
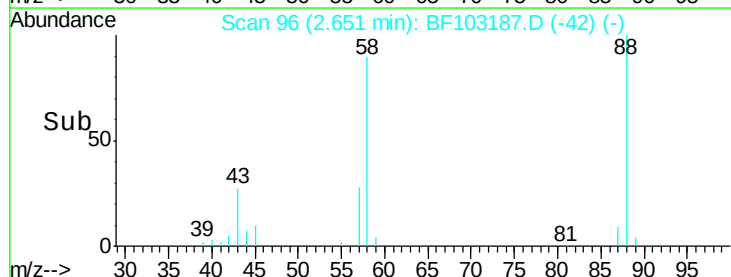
#2

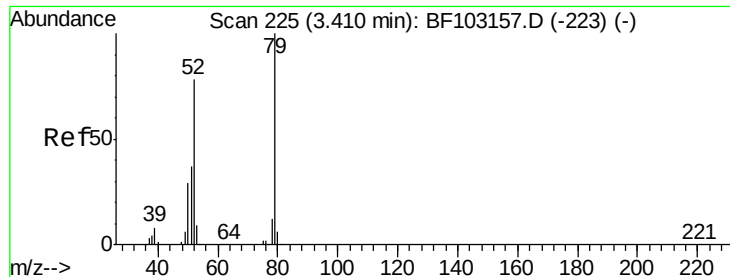
1,4-Dioxane
Concen: 4.323 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion: 88 Resp: 26420
Ion Ratio Lower Upper
88 100
58 88.6 62.6 93.8
43 34.2 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

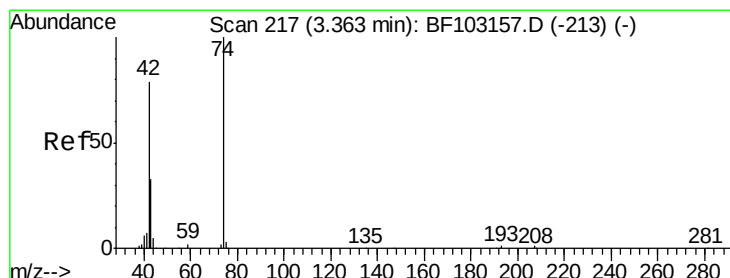
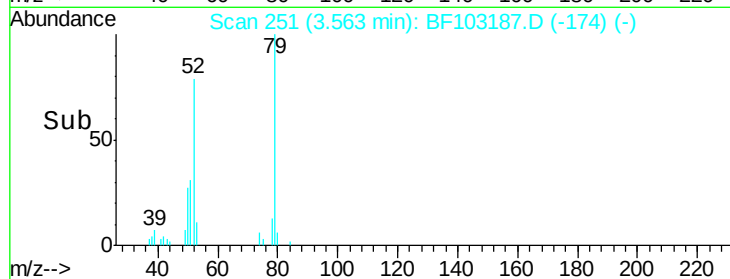
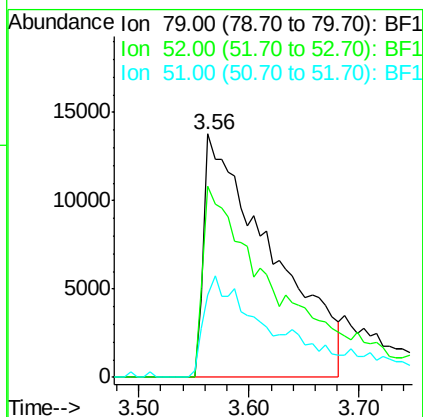
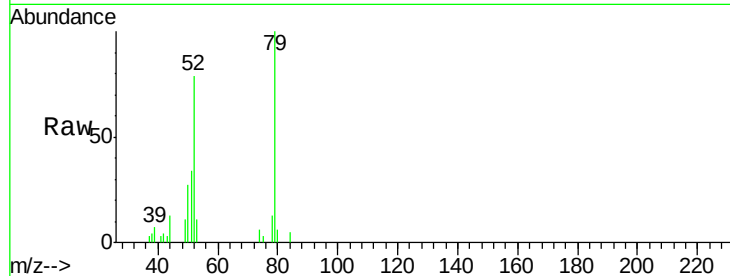




#3
 Pvridine
 Concen: 3.540 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.15 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

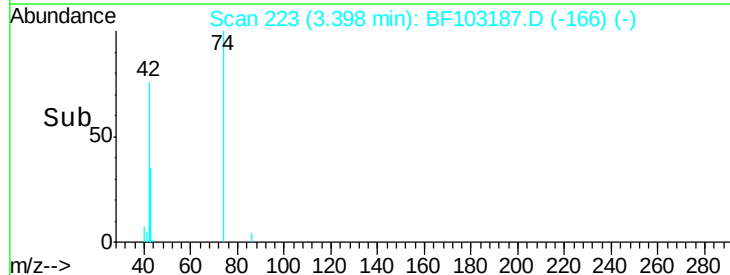
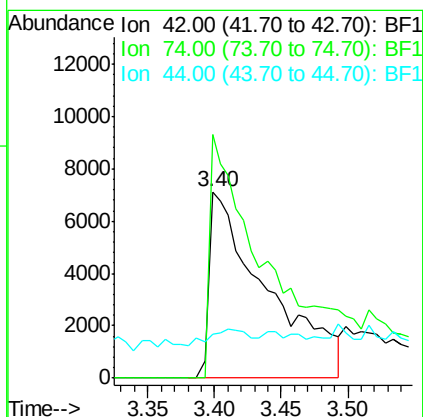
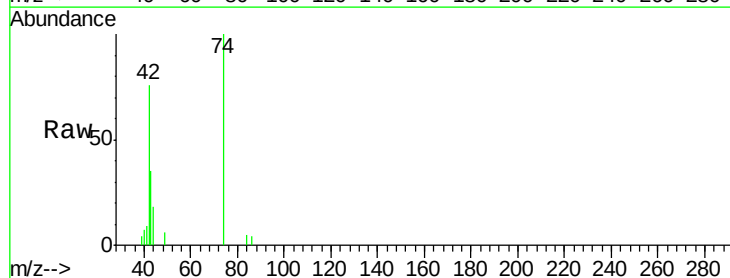
Instrument :
 BNA_F
 ClientSampleId :

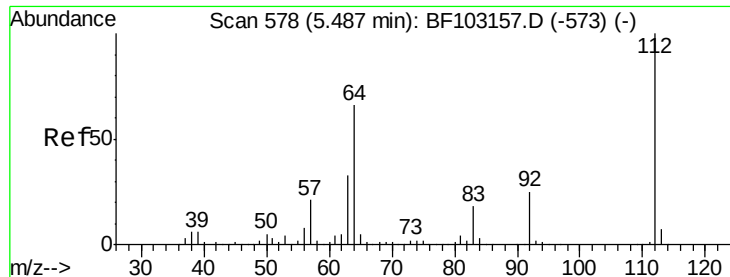
Tot Ion: 79 Resp: 57749
 Ion Ratio Lower Upper
 79 100
 52 78.5 59.8 89.6
 51 33.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 3.265 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.04 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion: 42 Resp: 21480
 Ion Ratio Lower Upper
 42 100
 74 130.8 104.9 157.3
 44 23.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 111.596 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

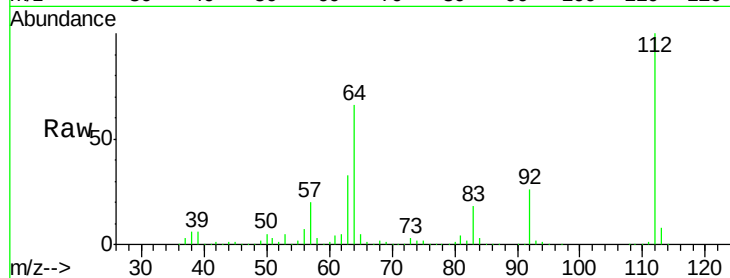
Tot Ion:112 Resp: 1291199

Ion Ratio Lower Upper

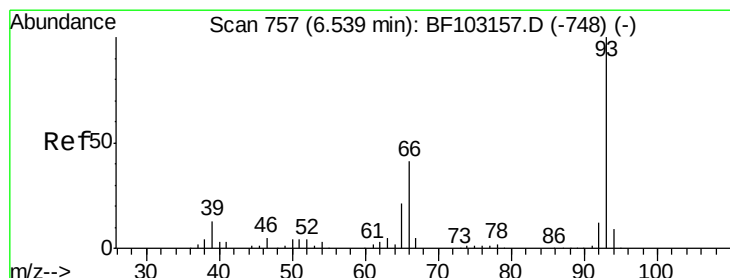
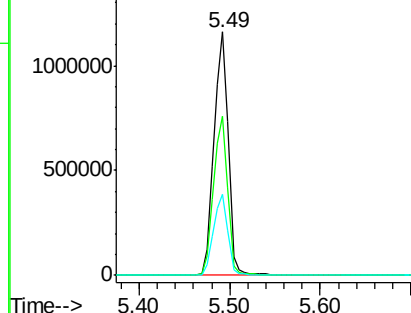
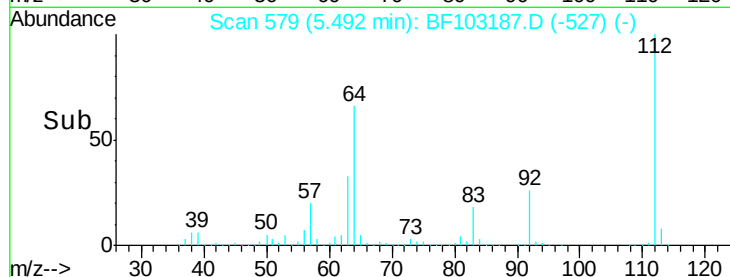
112 100

64 65.6 47.9 71.9

63 33.5 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: 4.967 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

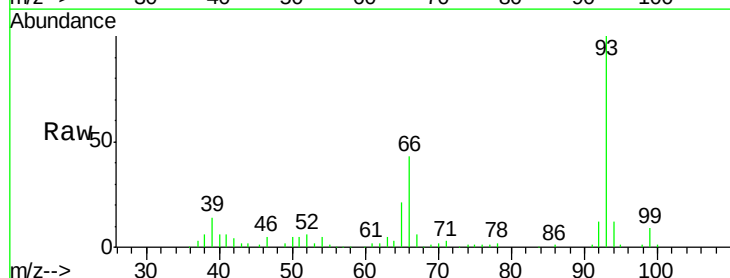
Tgt Ion: 93 Resp: 101486

Ion Ratio Lower Upper

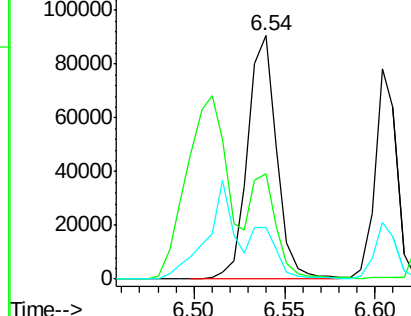
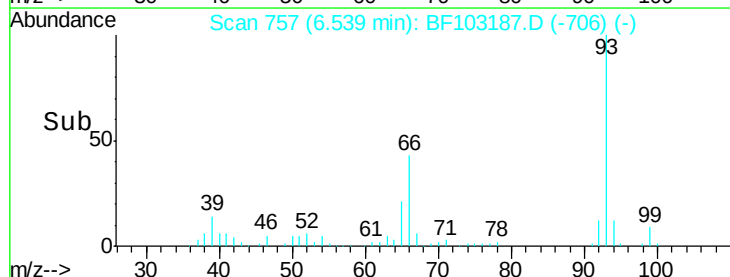
93 100

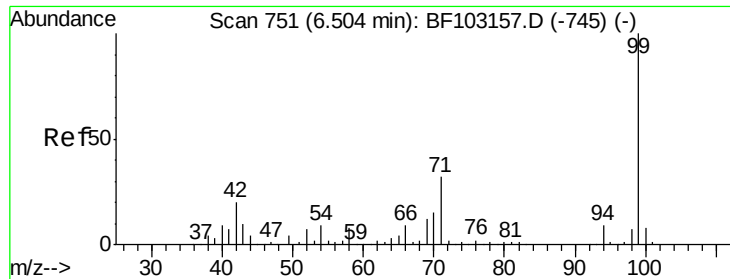
66 43.4 32.2 48.2

65 21.2 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: 110.915 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampled :

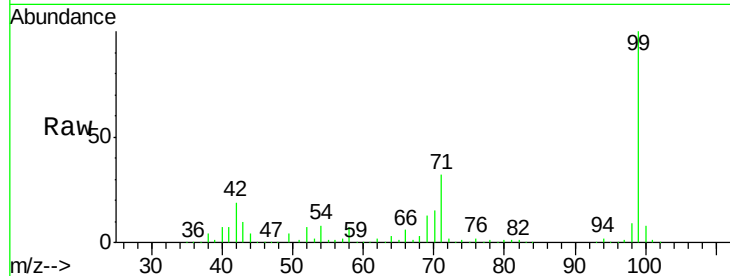
Tot Ion: 99 Resp: 1570343

Ion Ratio Lower Upper

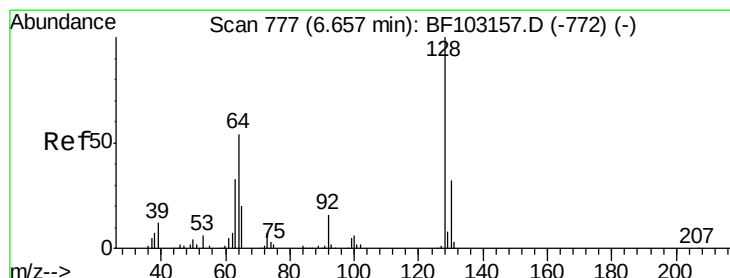
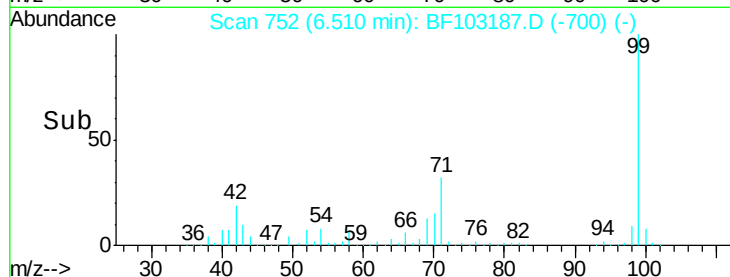
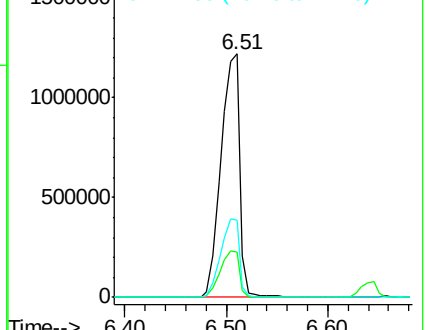
99 100

42 18.8 14.5 21.7

71 31.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 4.940 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

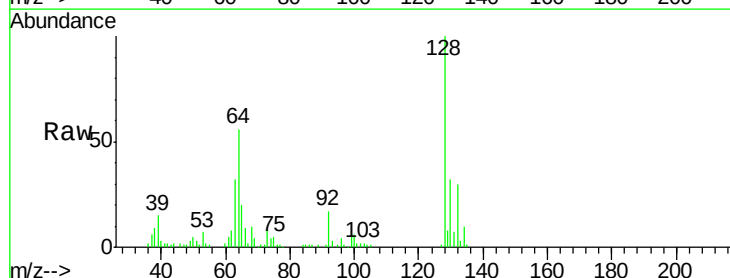
Tgt Ion: 128 Resp: 59380

Ion Ratio Lower Upper

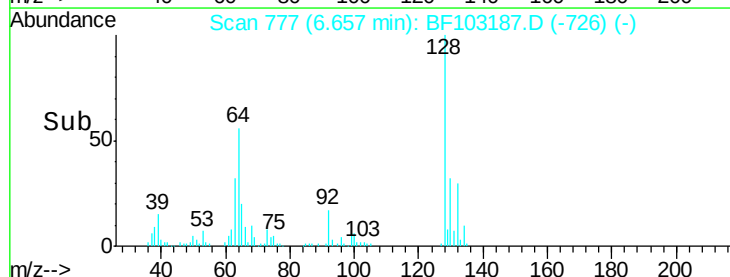
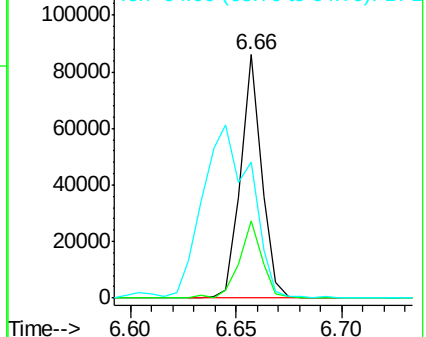
128 100

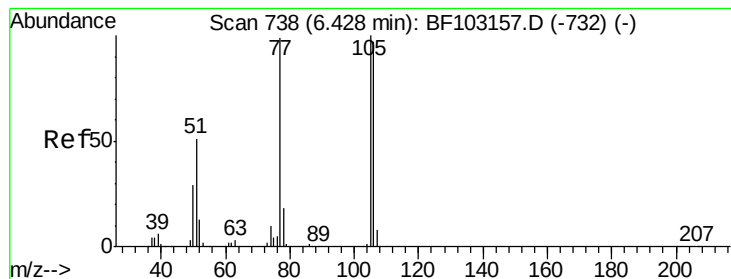
130 31.9 13.0 53.0

64 55.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.659 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

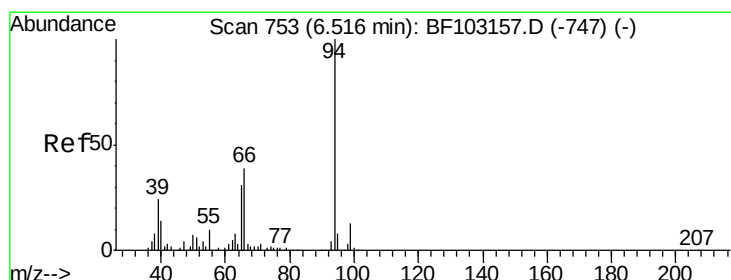
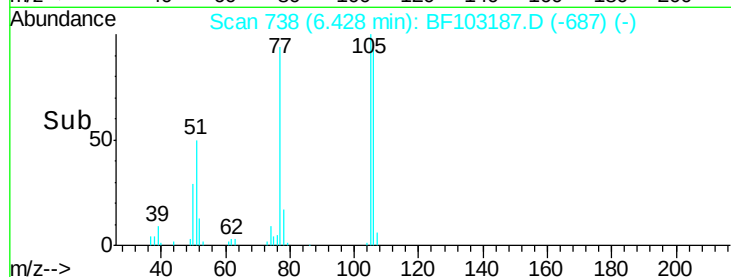
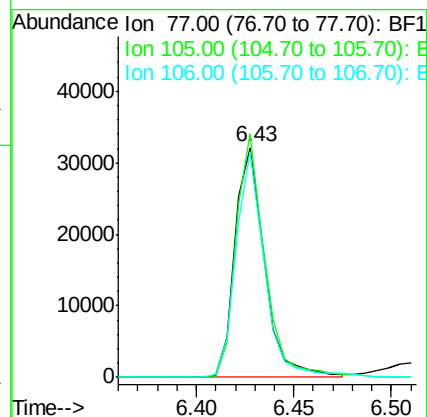
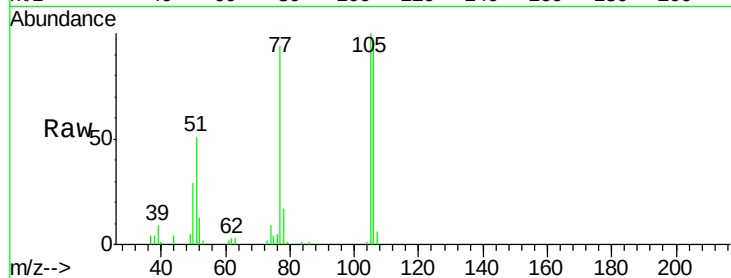
Tot Ion: 77 Resp: 34122

Ion Ratio Lower Upper

77 100

105 106.0 81.1 121.1

106 98.5 74.5 114.5



#10

Phenol

Concen: 4.983 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

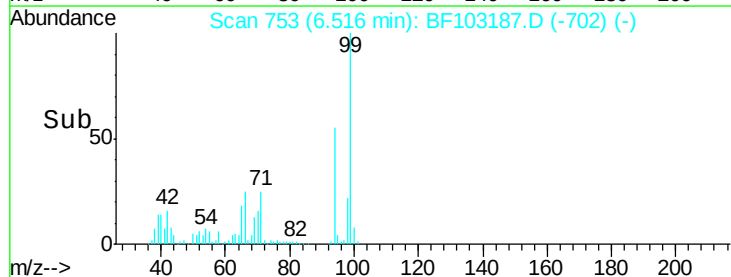
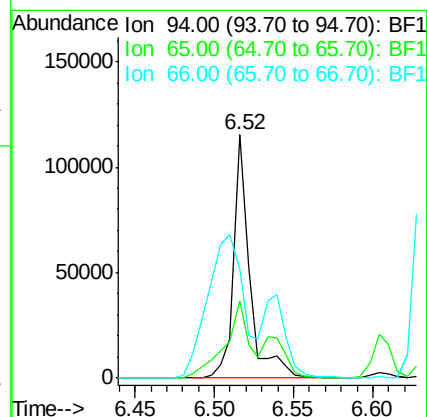
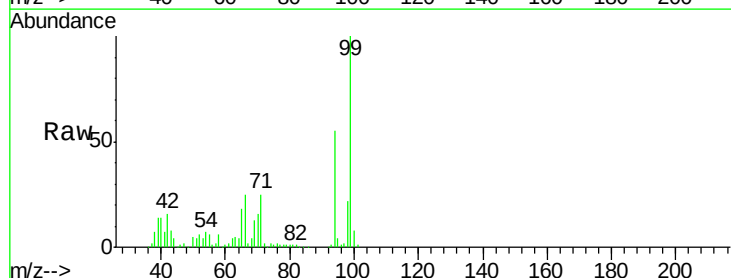
Tgt Ion: 94 Resp: 81899

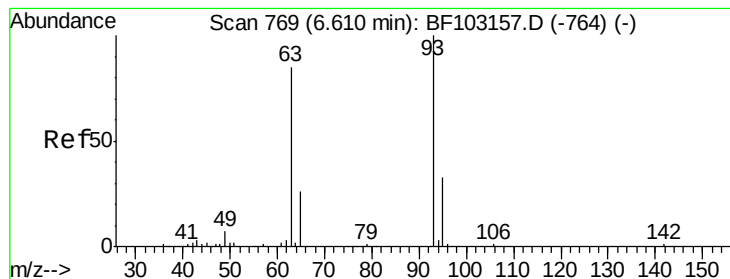
Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

66 44.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 5.176 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

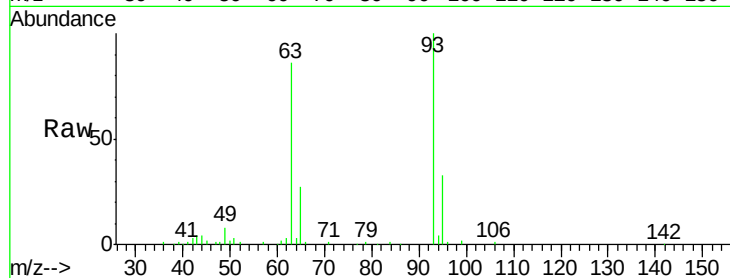
Tot Ion: 93 Resp: 64568

Ion Ratio Lower Upper

93 100

63 86.2 58.6 98.6

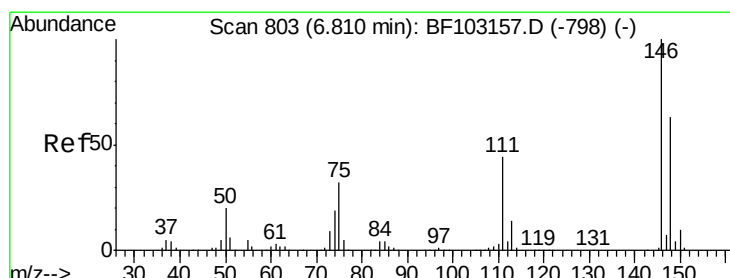
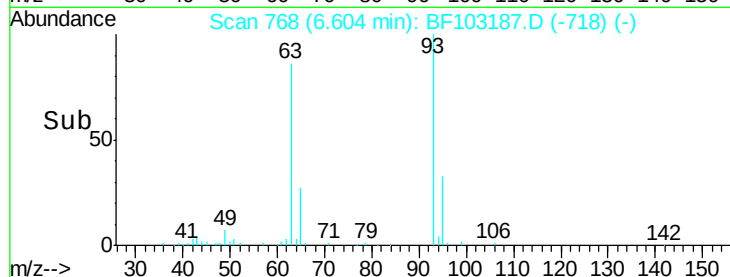
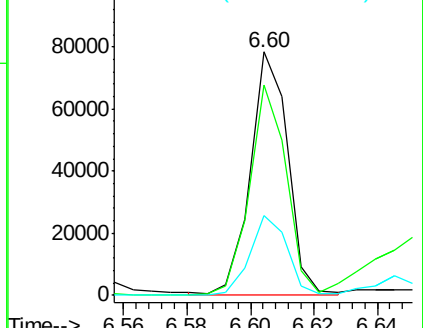
95 32.8 11.8 51.8



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: 5.127 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

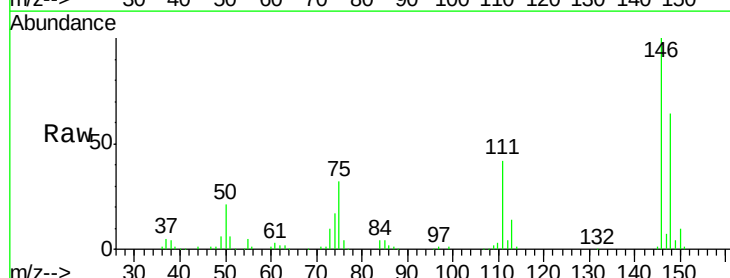
Tgt Ion: 146 Resp: 70421

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

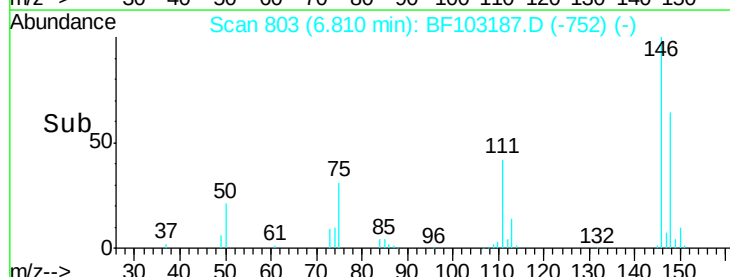
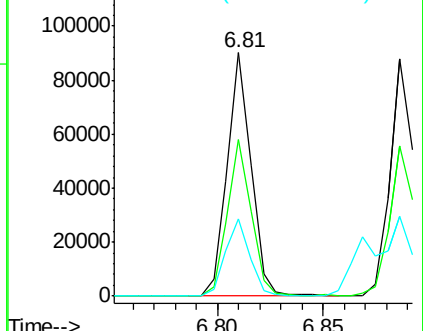
75 31.8 24.2 36.4

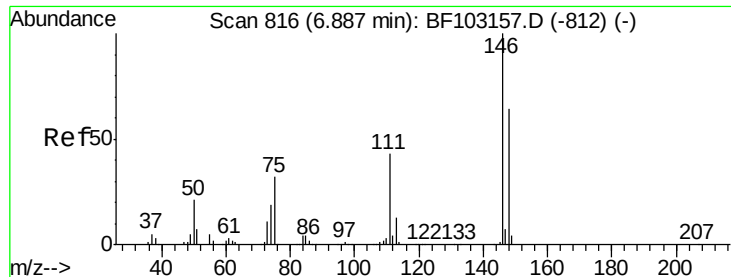


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

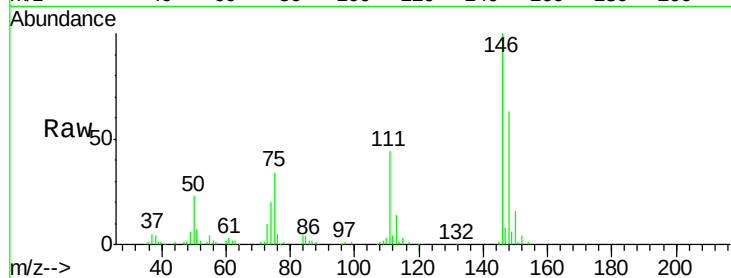




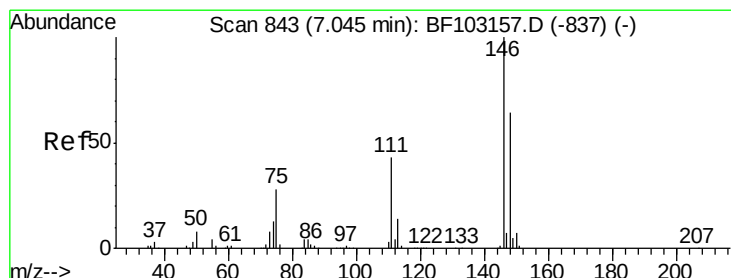
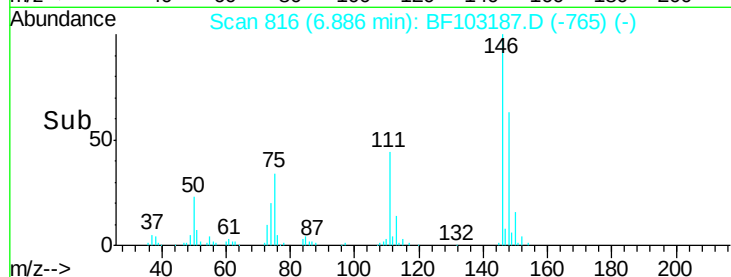
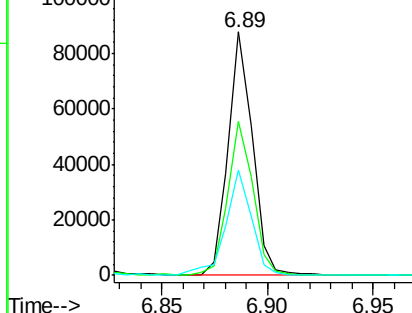
#13
 1,4-Dichlorobenzene
 Concen: 5.075 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 69894
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 43.5 34.2 51.2

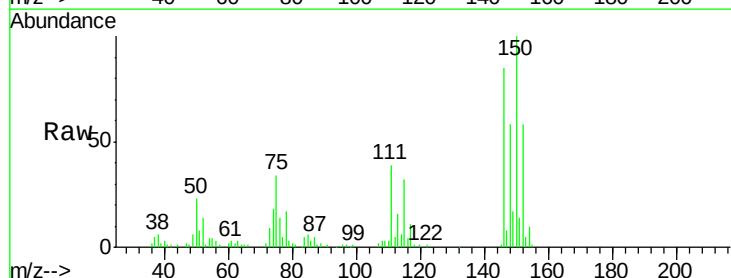


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

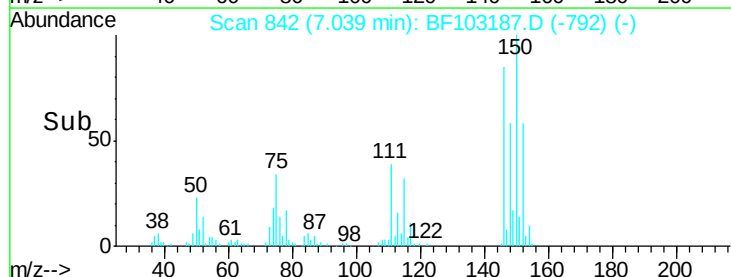
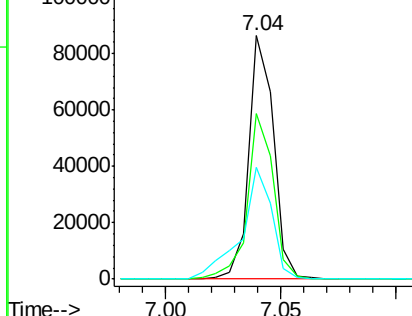


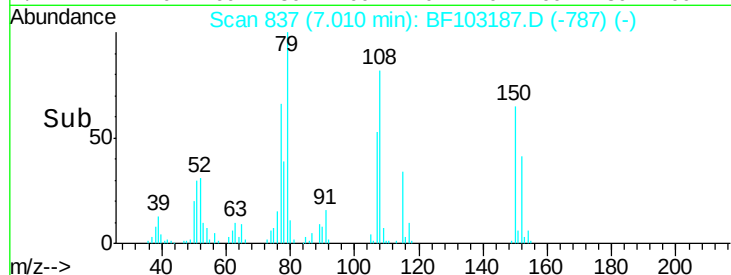
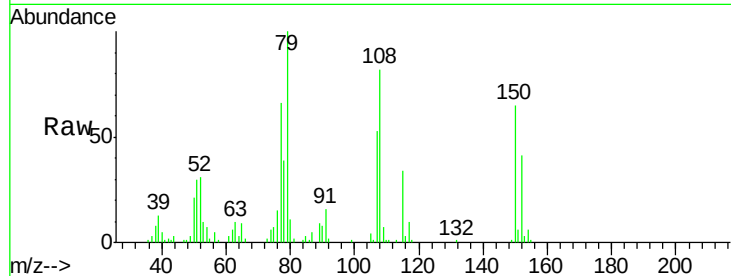
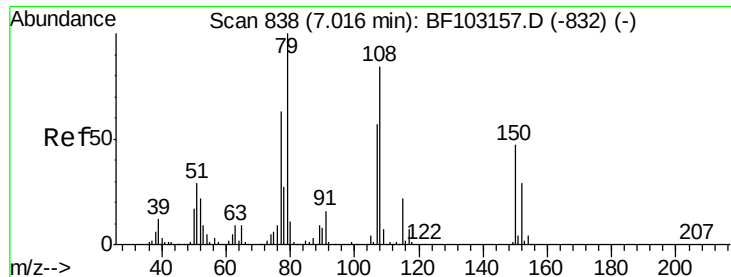
#14
 1,2-Dichlorobenzene
 Concen: 5.127 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion:146 Resp: 65110
 Ion Ratio Lower Upper
 146 100
 148 68.0 50.6 75.8
 111 45.8 36.0 54.0



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

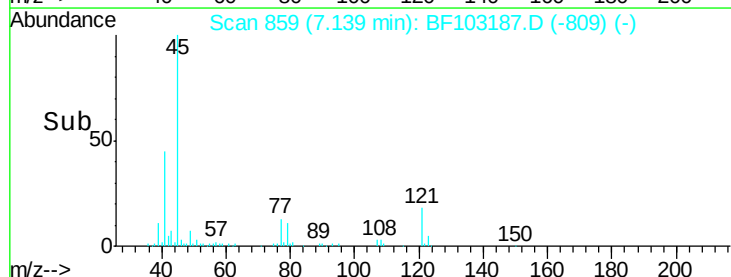
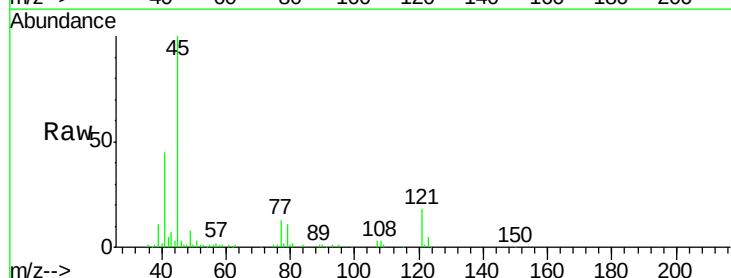
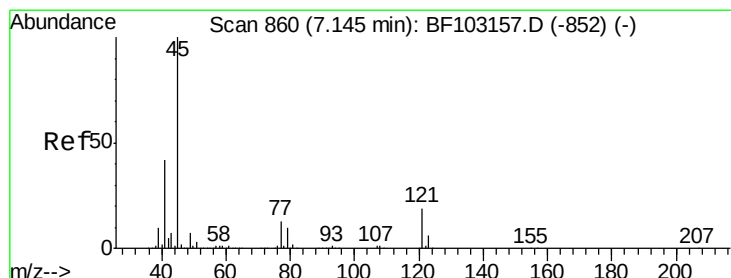
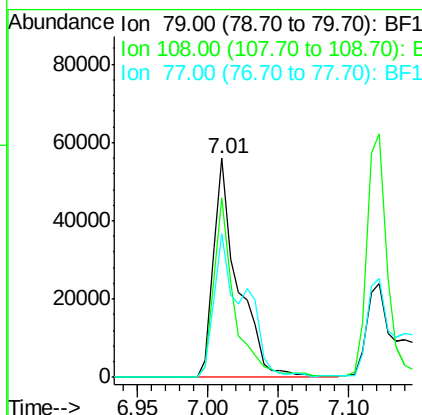




#15
Benzyl Alcohol
Concen: 6.315 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

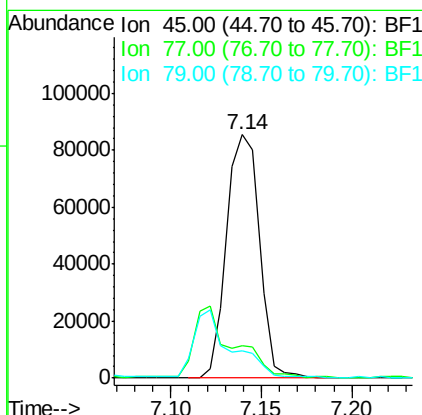
Instrument :
BNA_F
ClientSampled :

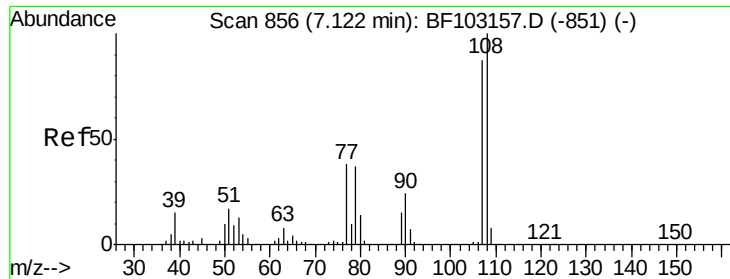
Tot Ion: 79 Resp: 67376
Ion Ratio Lower Upper
79 100
108 82.2 65.1 97.7
77 65.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.048 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion: 45 Resp: 108138
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.9
79 11.3 0.0 29.6

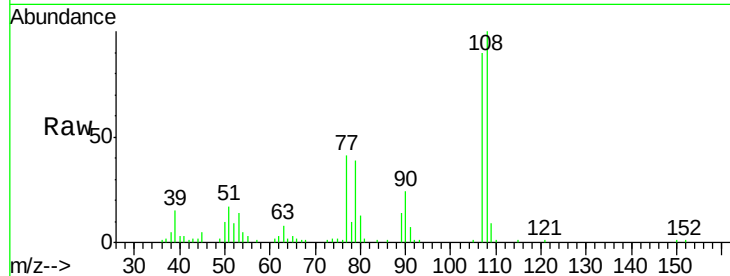




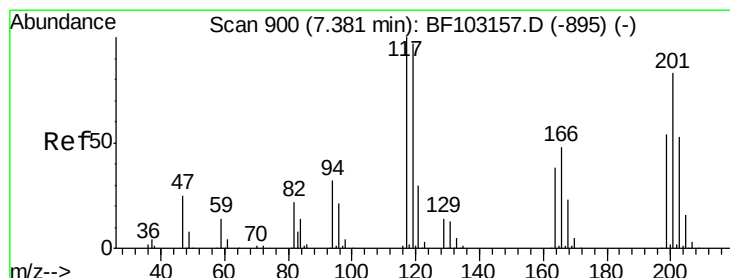
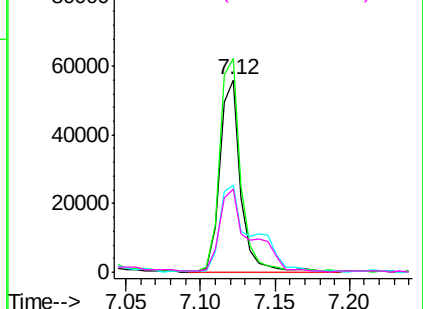
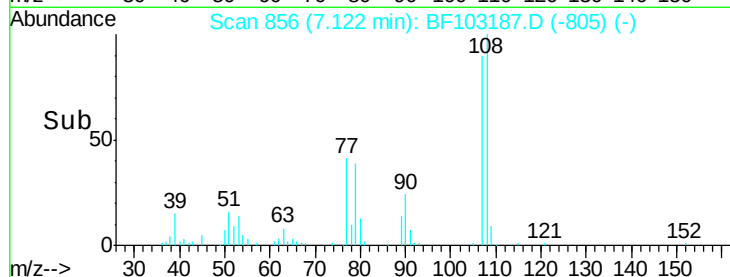
#17
2-Methylphenol
Concen: 5.101 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 55722
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 45.2 33.8 50.8
79 43.0 33.8 50.8

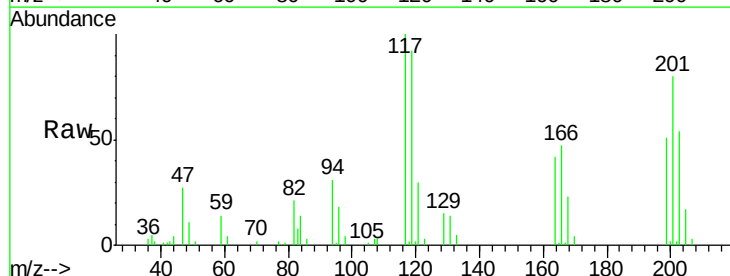


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

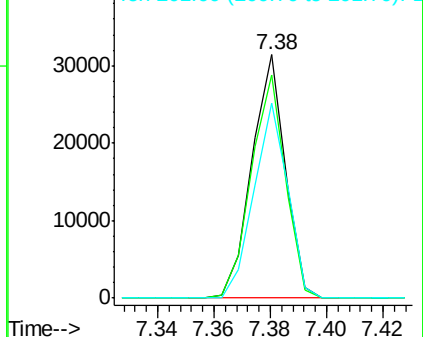
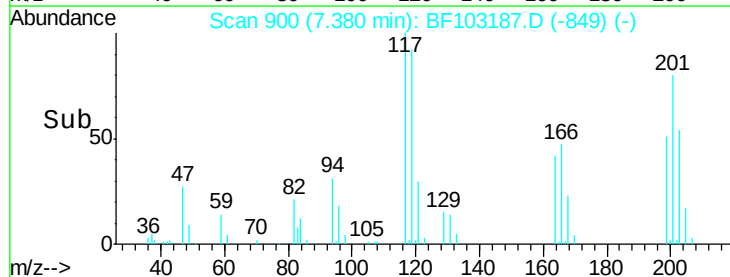


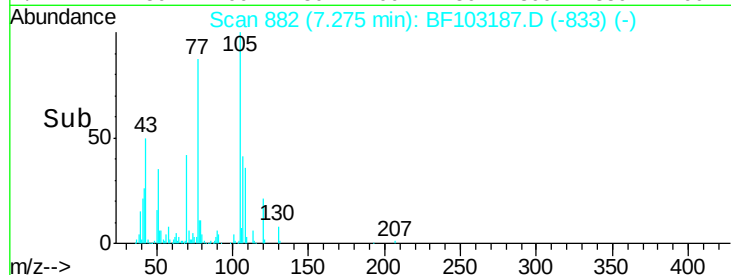
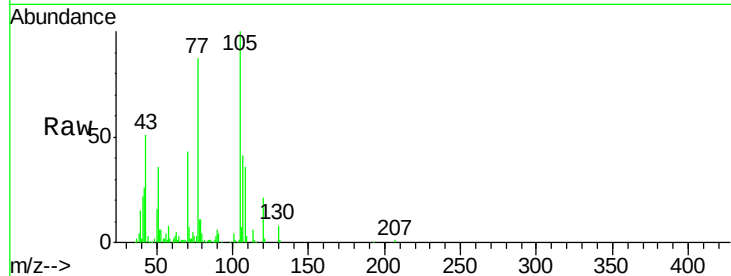
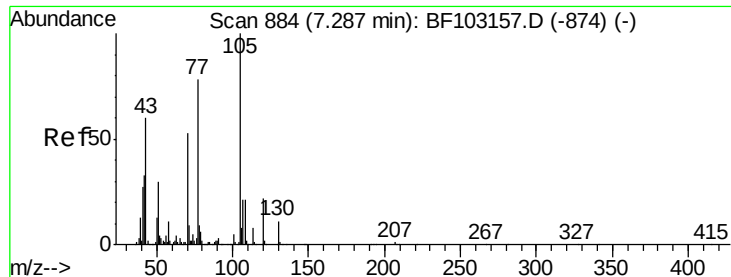
#18
Hexachloroethane
Concen: 5.159 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:117 Resp: 25863
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.8
201 80.1 75.7 113.5



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

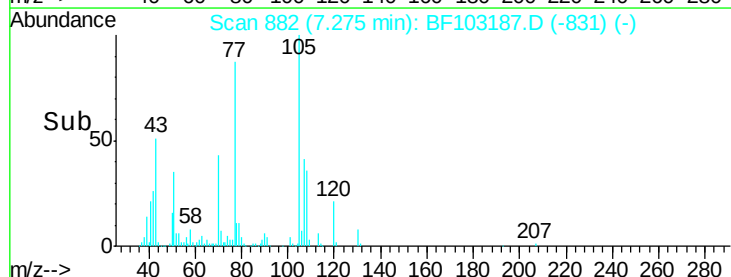
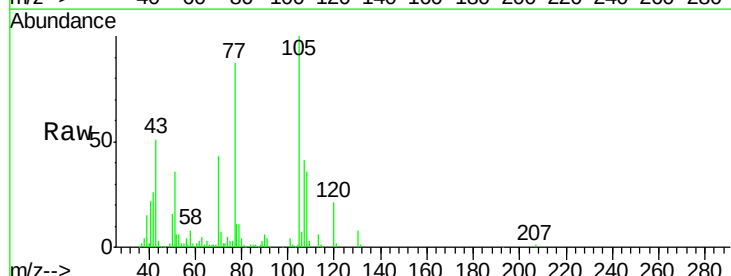
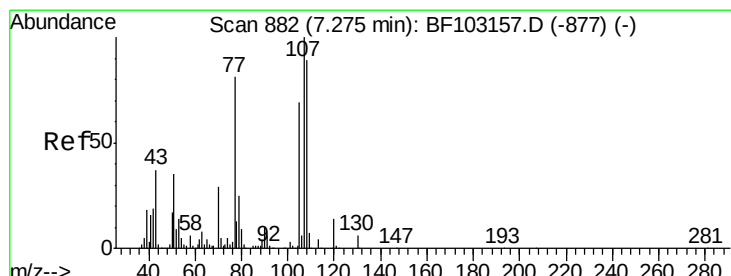
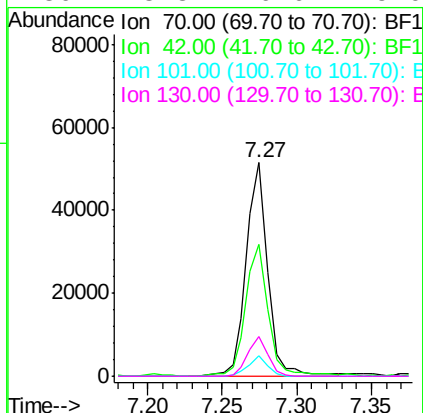




#19
n-Nitroso-di-n-propylamine
Concen: 5.854 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

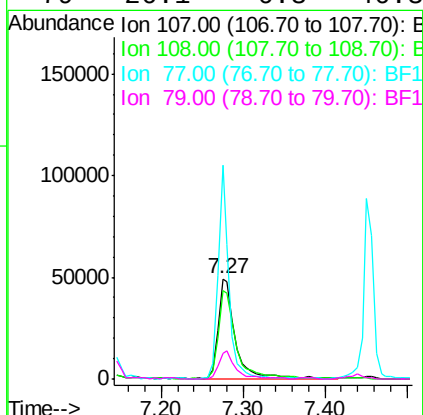
Instrument :
BNA_F
ClientSampleId :

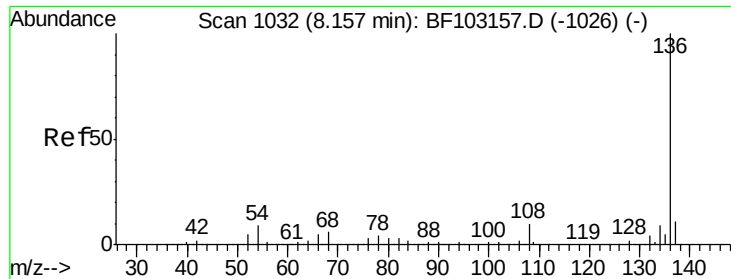
Tot Ion: 70 Resp: 51579
Ion Ratio Lower Upper
70 100
42 61.5 47.5 71.3
101 9.3 7.4 11.2
130 18.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 5.566 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion: 107 Resp: 74115
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 212.6 26.7 66.7#
79 26.1 6.3 46.3

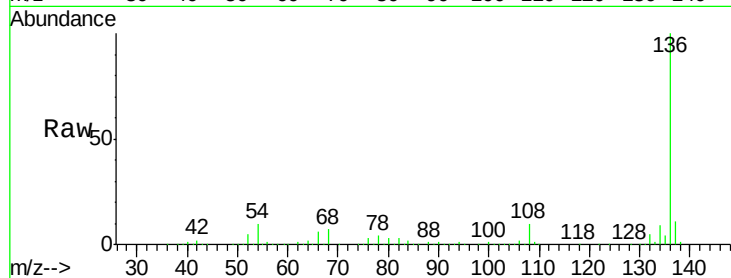




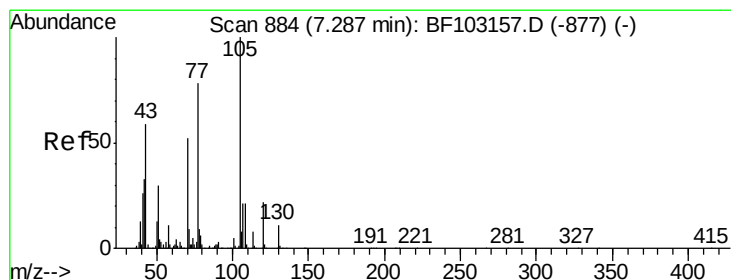
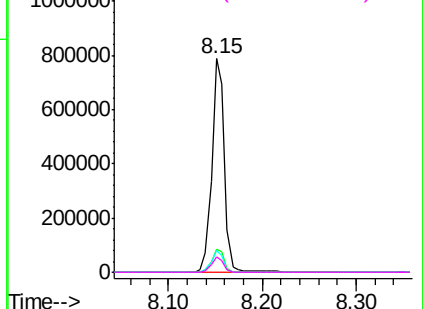
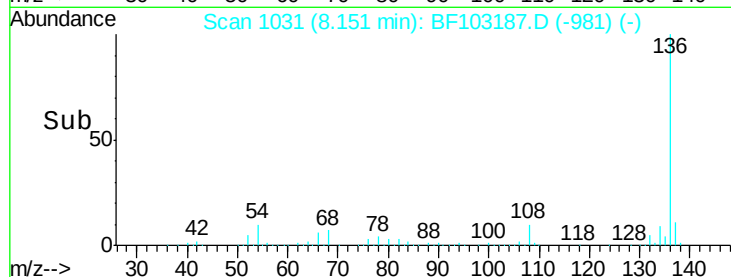
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	747179
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.1	6.6 9.8#
68	7.1	5.0 7.4

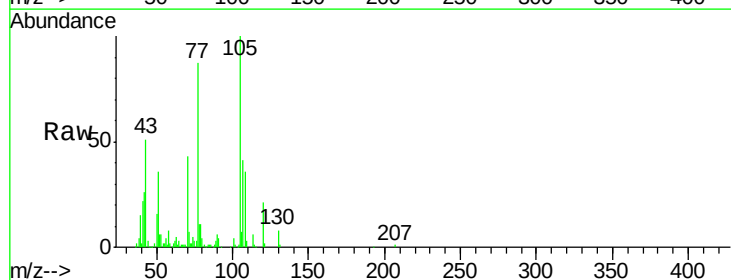


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

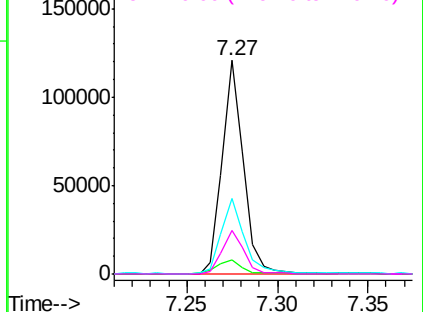
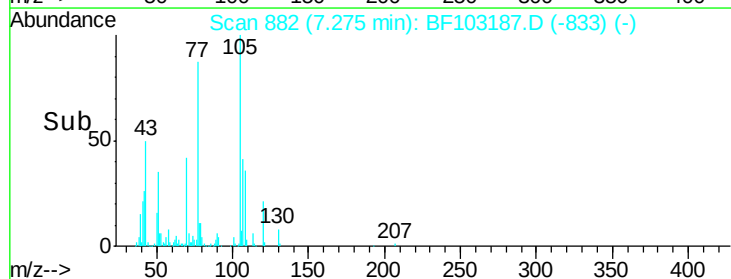


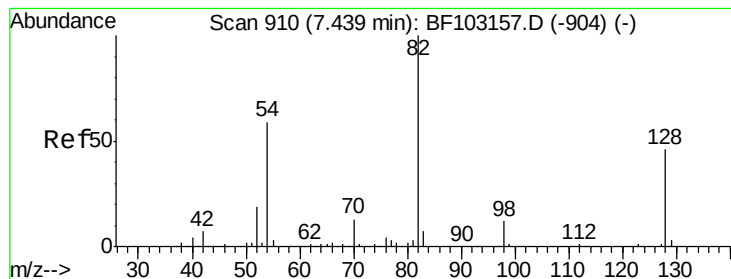
#22
Acetophenone
Concen: 5.682 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:105	Resp:	99094
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	35.6	22.3 33.5#
120	20.6	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.187 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

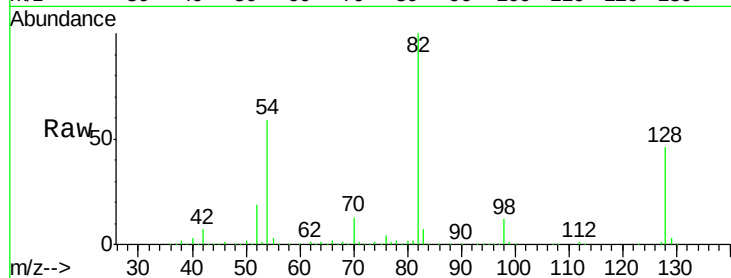
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1179957

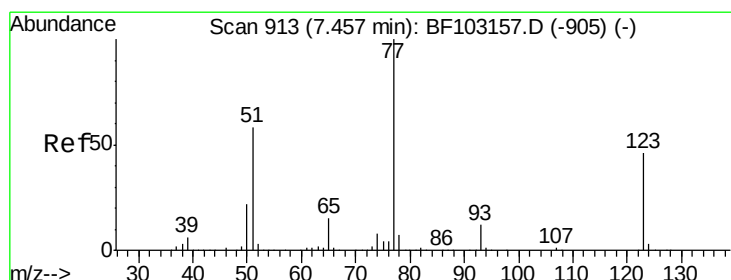
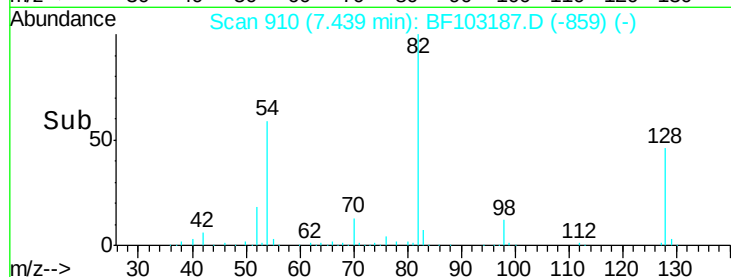
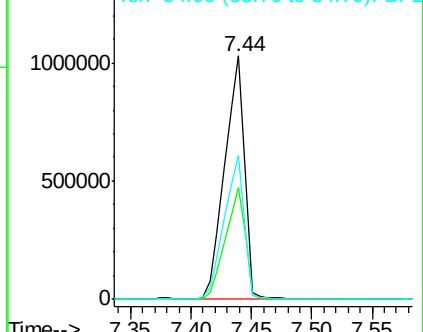
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	59.1	41.4	62.2



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: 5.220 ng

RT: 7.45 min Scan# 912

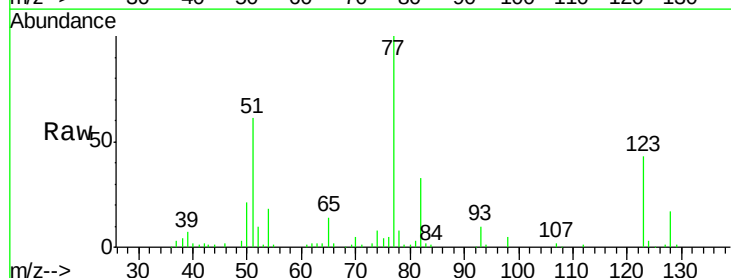
Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Tgt Ion: 77 Resp: 75187

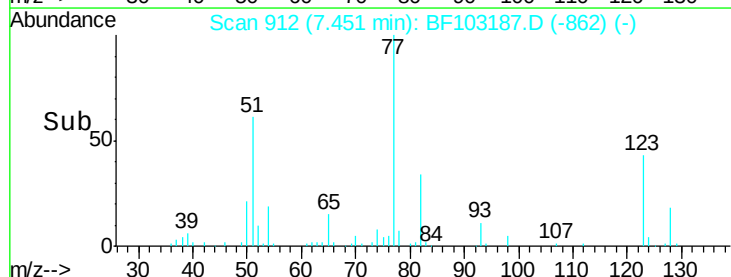
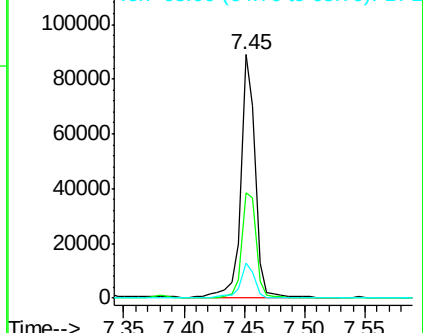
Ion	Ratio	Lower	Upper
77	100		
123	43.1	37.9	56.9
65	14.5	11.0	16.4

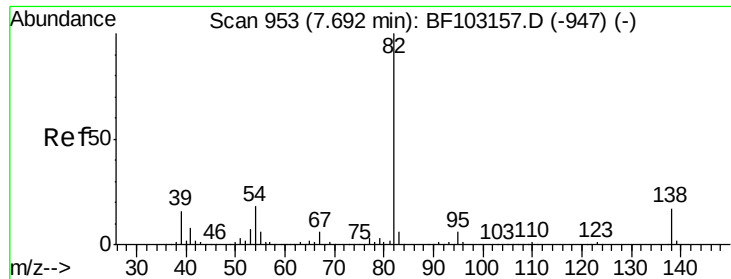


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 5.049 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

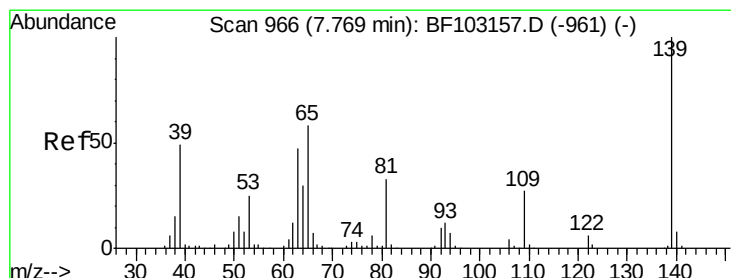
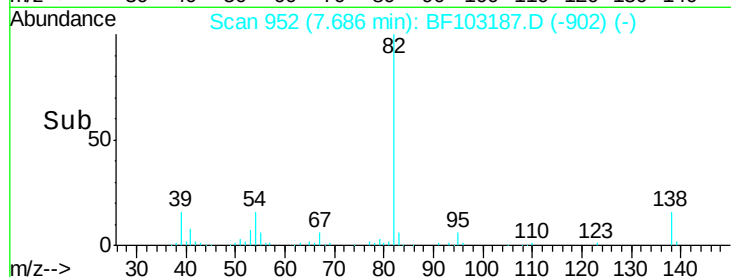
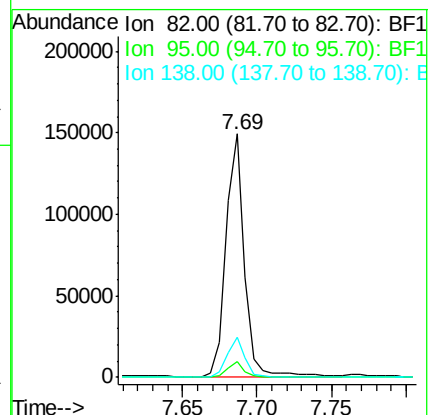
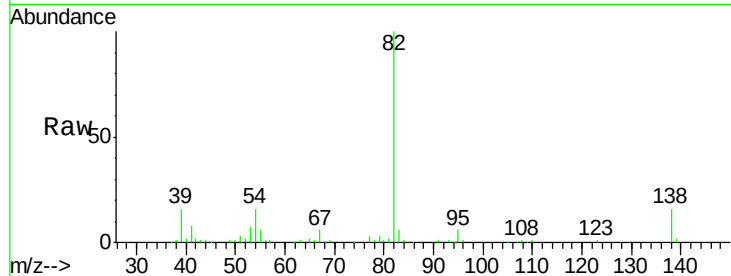
Tot Ion: 82 Resp: 130112

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.4 14.9 22.3



#26

2-Nitrophenol

Concen: 4.559 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

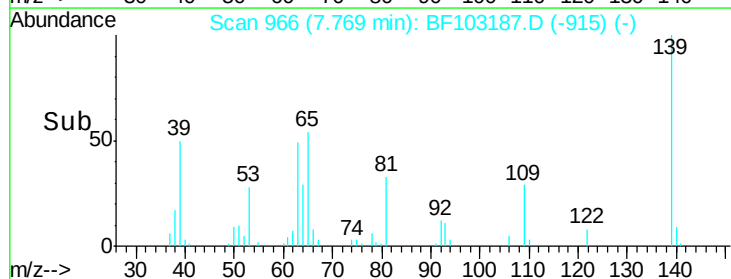
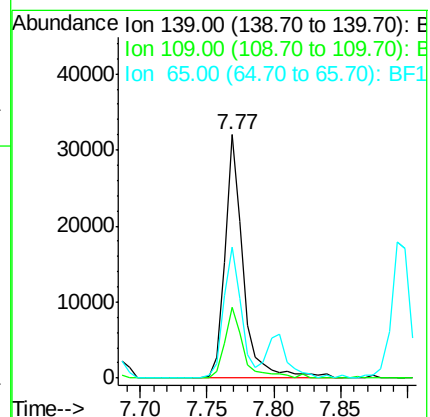
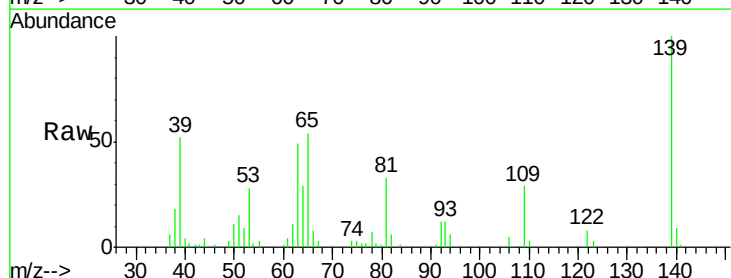
Tgt Ion: 139 Resp: 30914

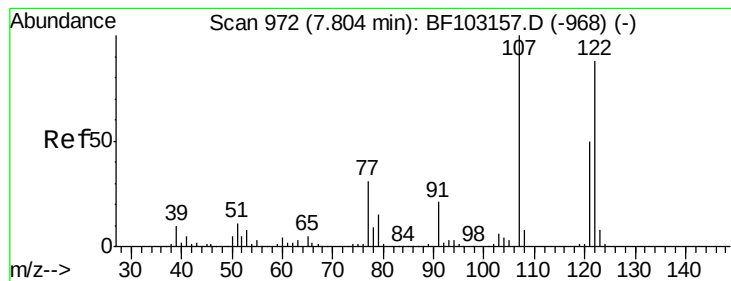
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 53.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 4.691 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

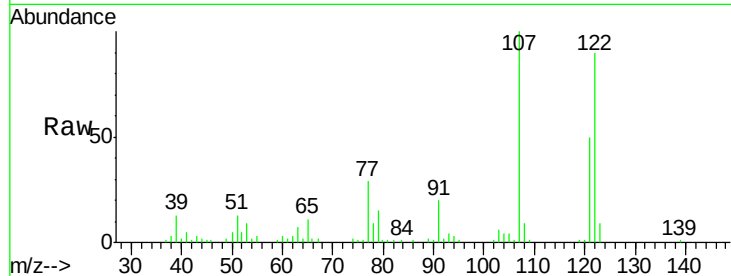
Tot Ion:122 Resp: 48625

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

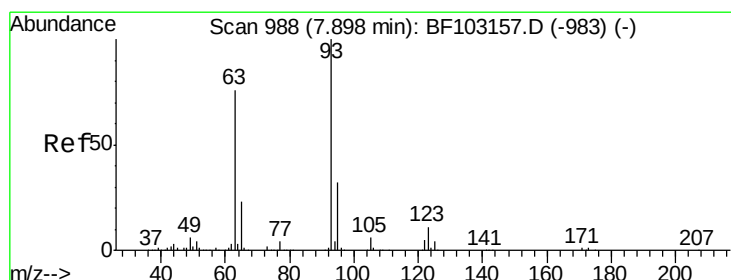
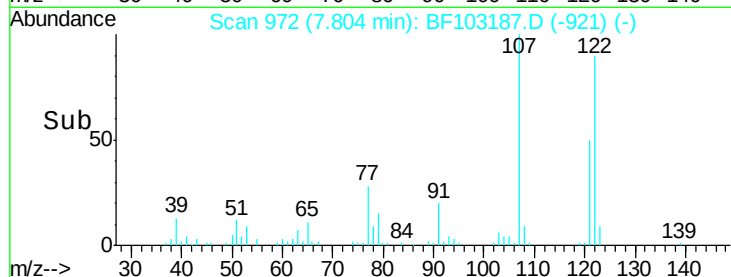
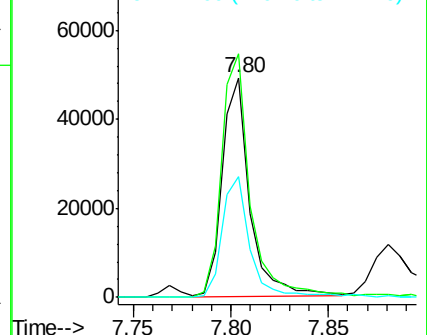
121 55.3 47.2 70.8



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: 5.066 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

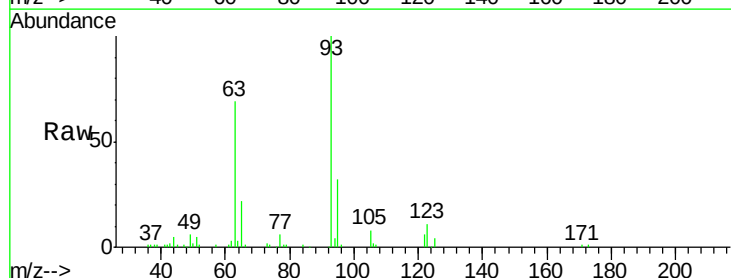
Tgt Ion: 93 Resp: 76751

Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

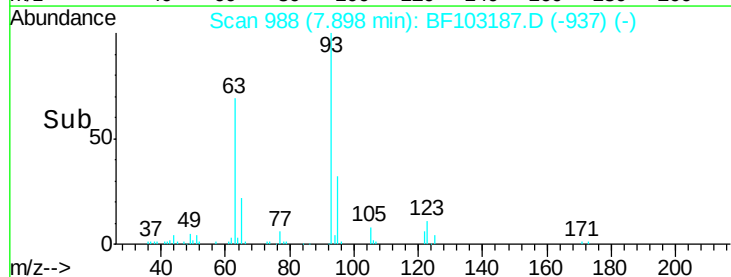
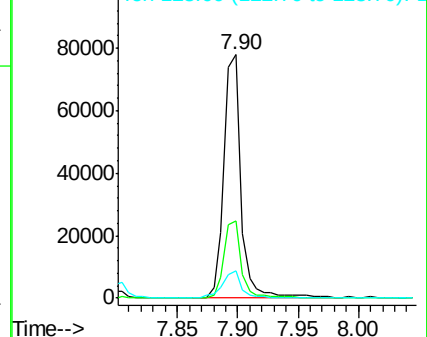
123 11.0 9.8 14.6

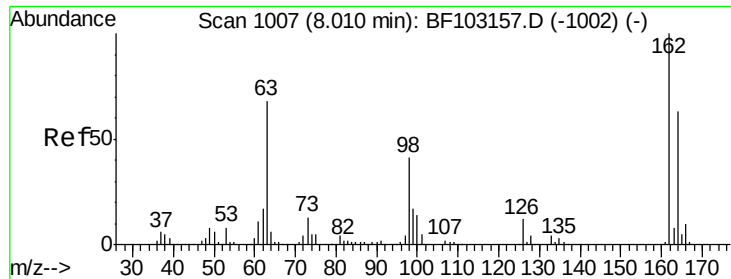


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

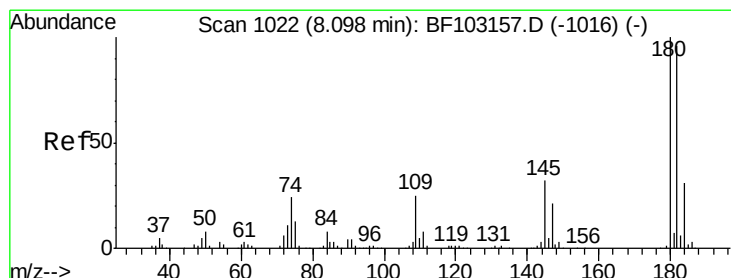
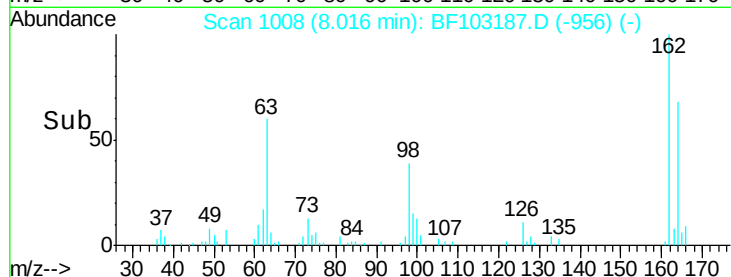
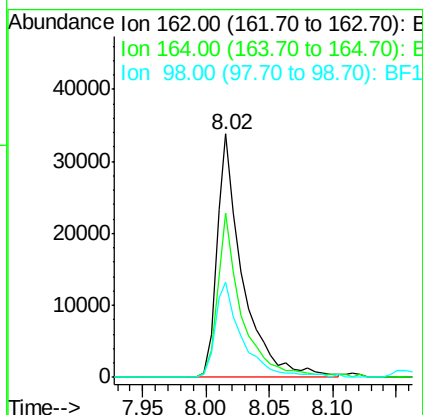
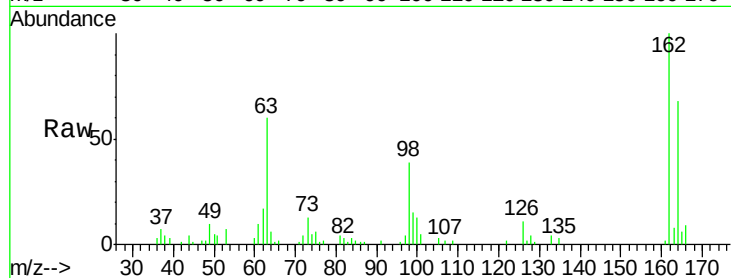




#29
2,4-Dichlorophenol
Concen: 4.783 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

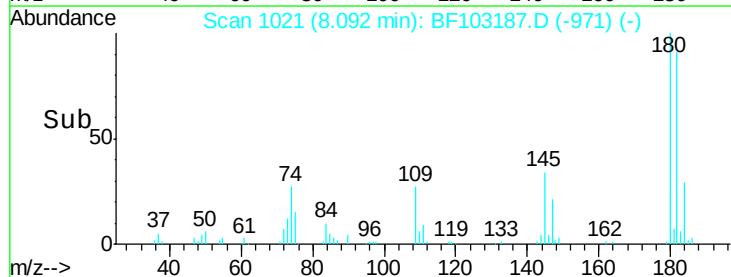
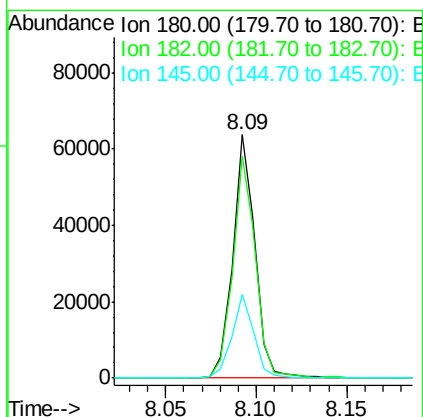
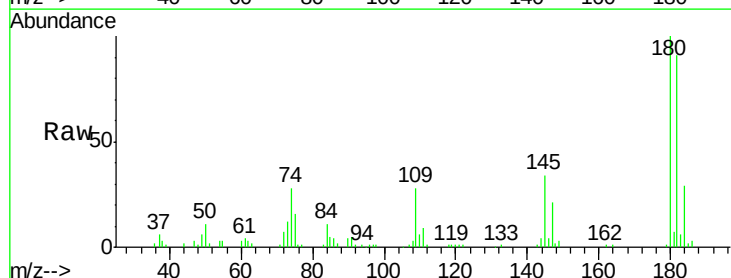
Instrument :
BNA_F
ClientSampleId :

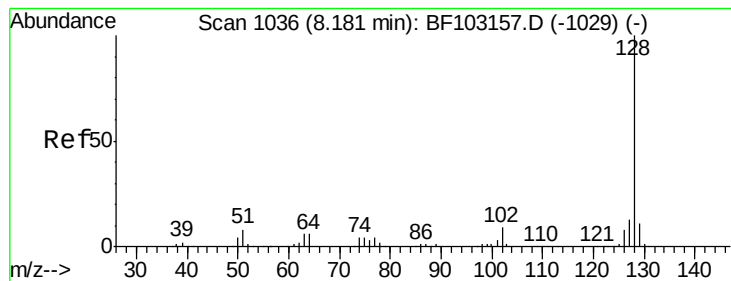
Tot Ion:162 Resp: 47466
Ion Ratio Lower Upper
162 100
164 67.6 42.7 82.7
98 39.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 5.154 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:180 Resp: 54470
Ion Ratio Lower Upper
180 100
182 91.3 76.8 115.2
145 34.4 26.5 39.7





#31

Naphthalene

Concen: 5.291 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

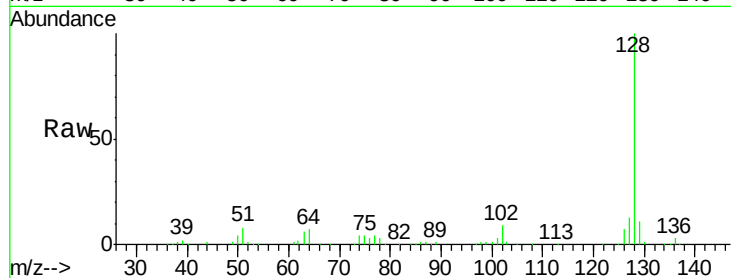
Tot Ion:128 Resp: 193539

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

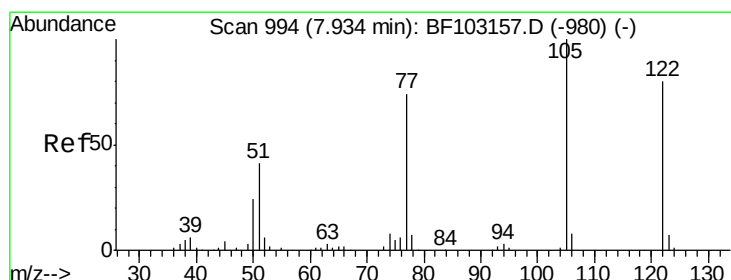
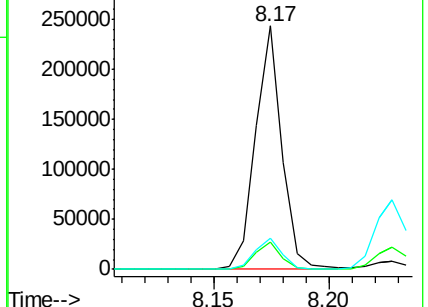
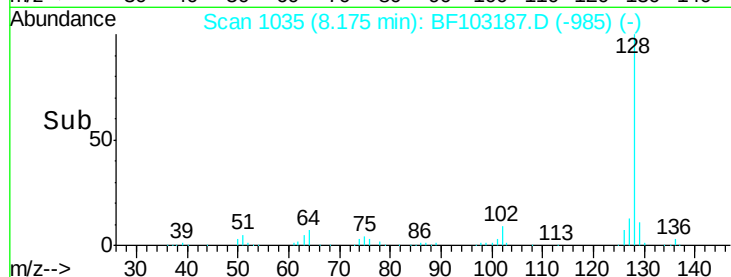
127 12.7 10.9 16.3



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: 9.408 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

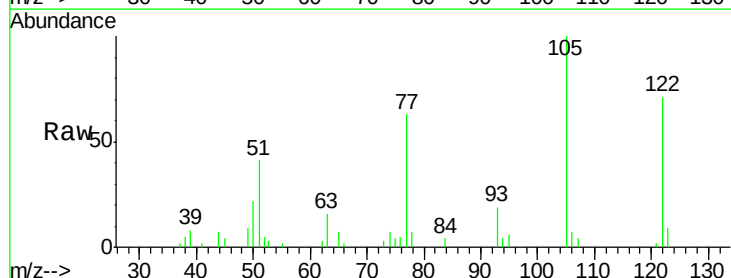
Tgt Ion:122 Resp: 22409

Ion Ratio Lower Upper

122 100

105 141.6 101.1 141.1#

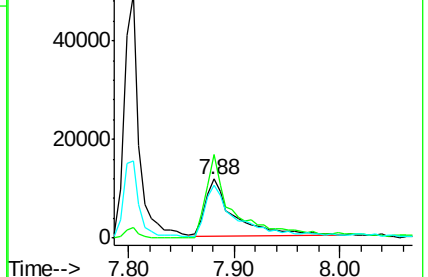
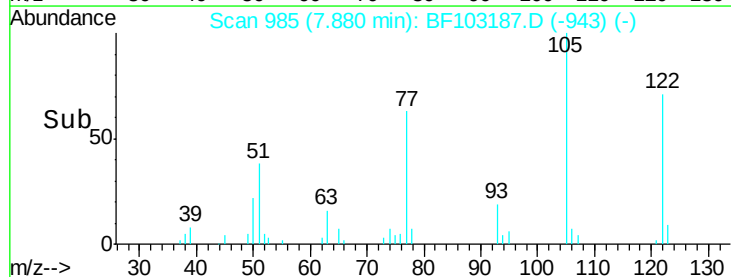
77 89.3 70.7 110.7

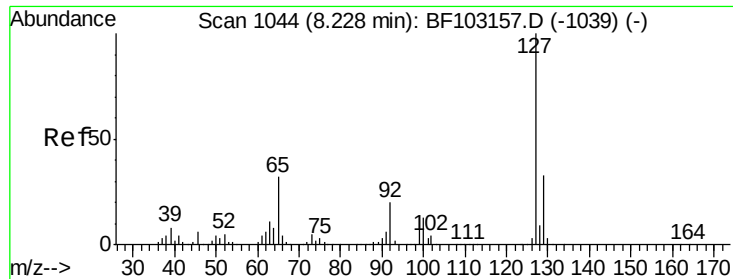


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

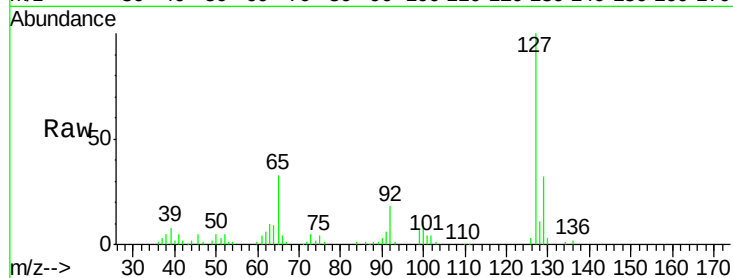




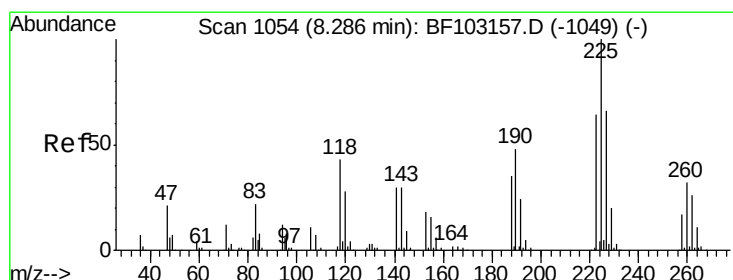
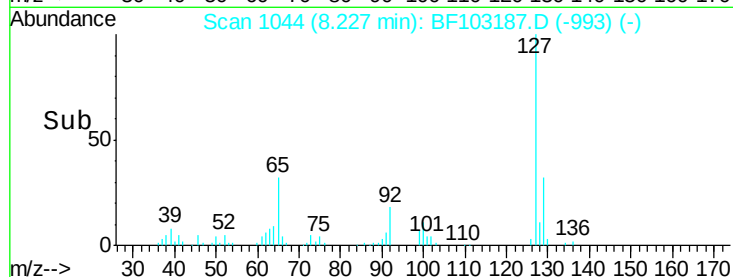
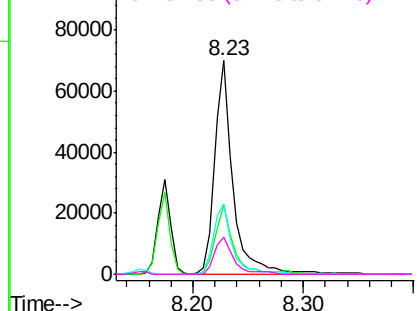
#33
4-Chloroaniline
Concen: 5.029 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	79378
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.1	25.0	37.4
92	17.6	15.2	22.8

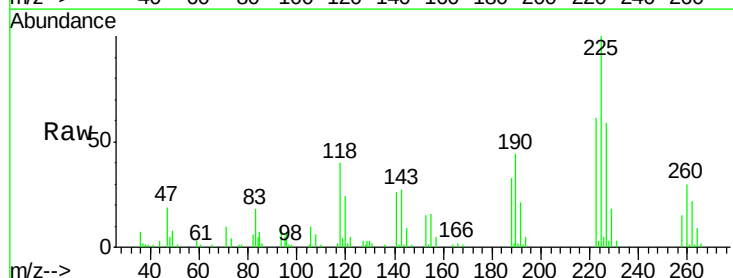


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

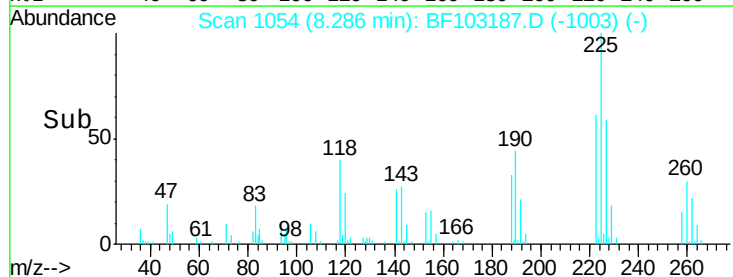
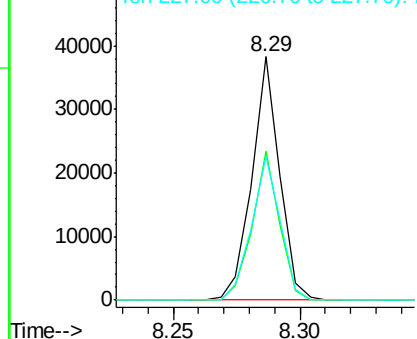


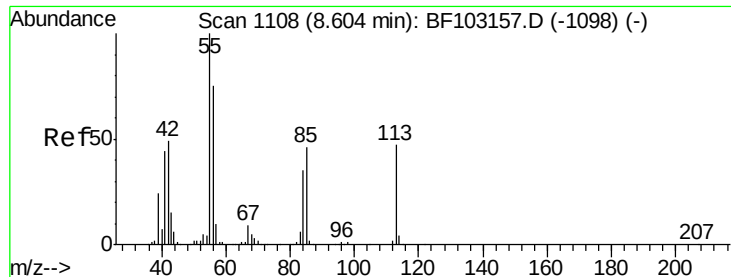
#34
Hexachlorobutadiene
Concen: 5.274 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:	225	Resp:	29026
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.6	76.0
227	59.1	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

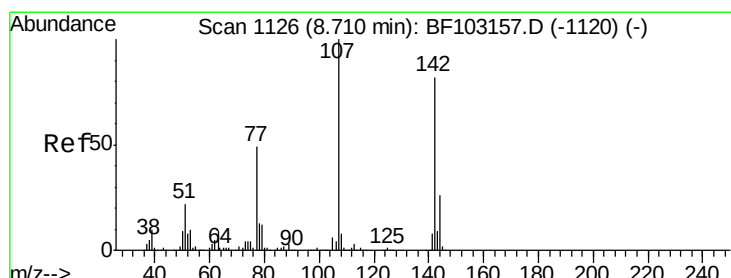
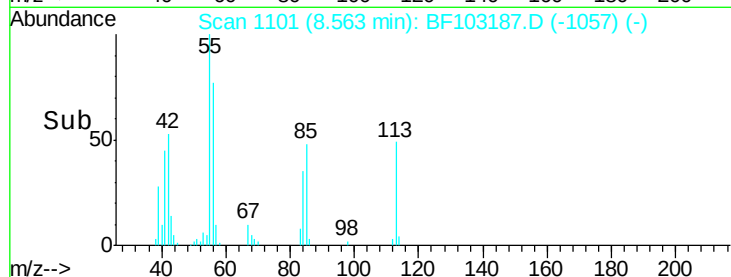
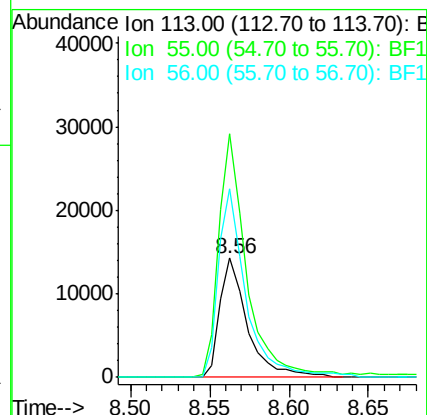
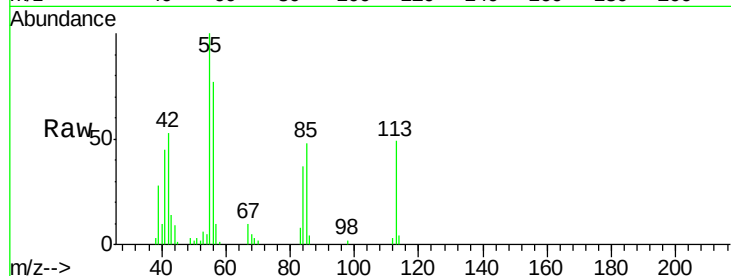




#35
Caprolactam
Concen: 4.964 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.04 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

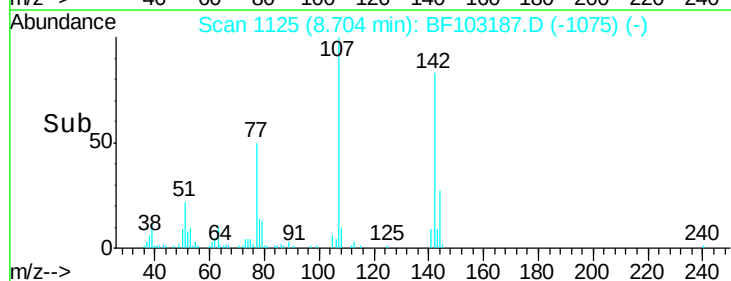
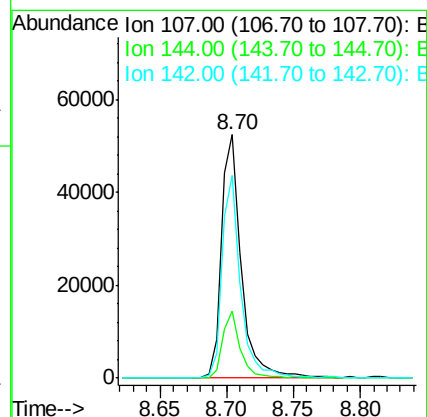
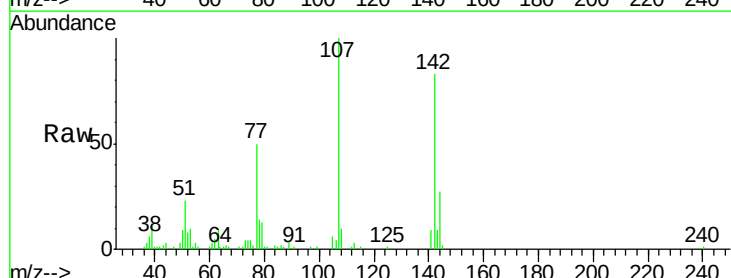
Instrument :
BNA_F
ClientSampleId :

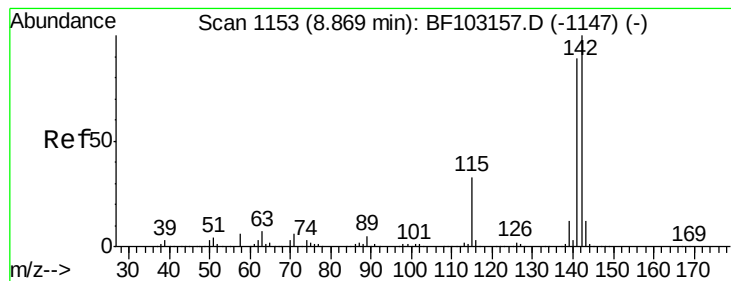
Tot Ion:113 Resp: 17314
Ion Ratio Lower Upper
113 100
55 204.9 163.3 203.3#
56 158.2 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 4.924 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:107 Resp: 55113
Ion Ratio Lower Upper
107 100
144 27.5 20.5 30.7
142 83.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 5.469 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

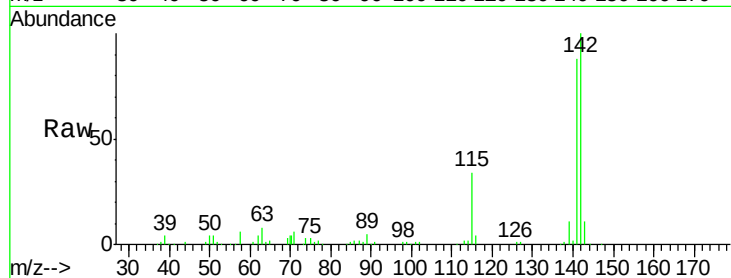
Tot Ion:142 Resp: 129289

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

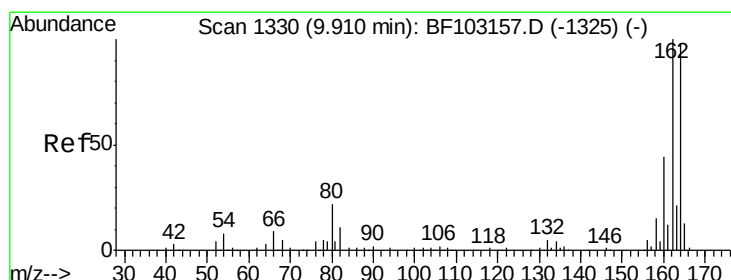
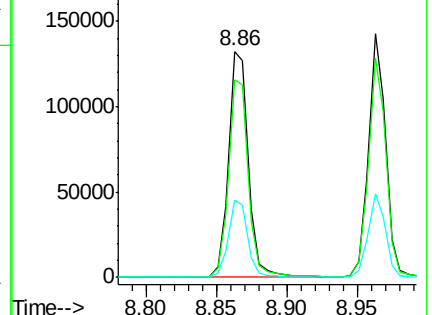
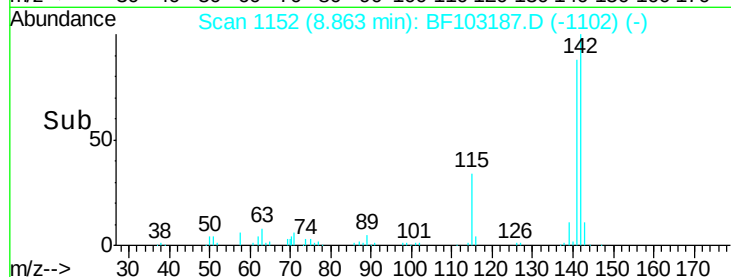
115 34.0 26.1 39.1



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: BF103187.D

Acq: 23 Feb 2018 9:46

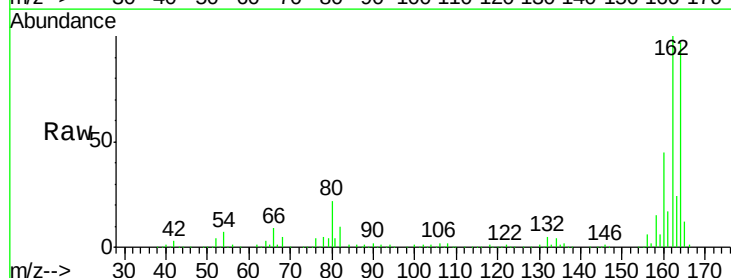
Tgt Ion:164 Resp: 350258

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

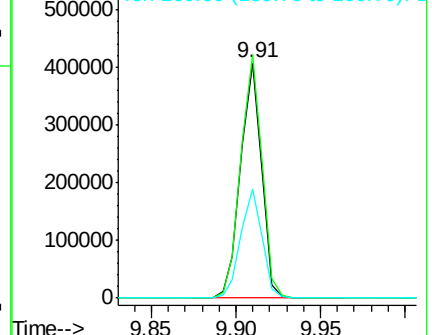
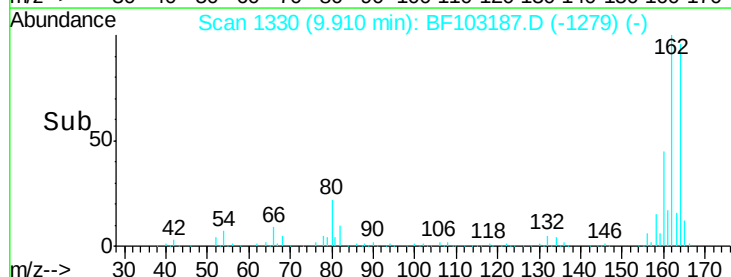
160 46.5 38.3 57.5

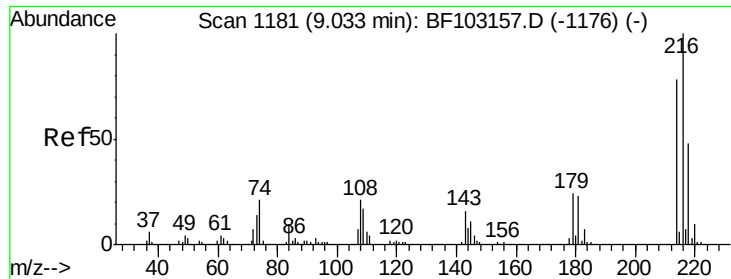


Abundance Ion 164.00 (163.70 to 164.70): E

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: 5.195 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 49748

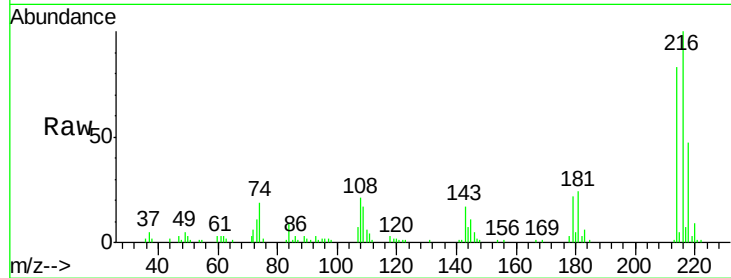
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.5 18.1 27.1

108 21.5 17.2 25.8

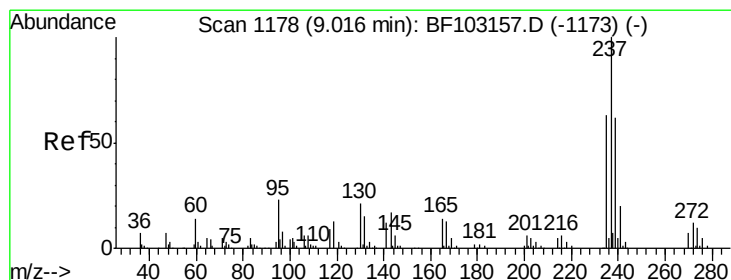
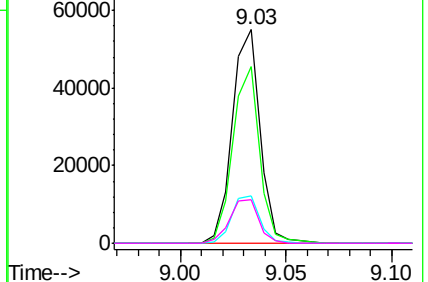
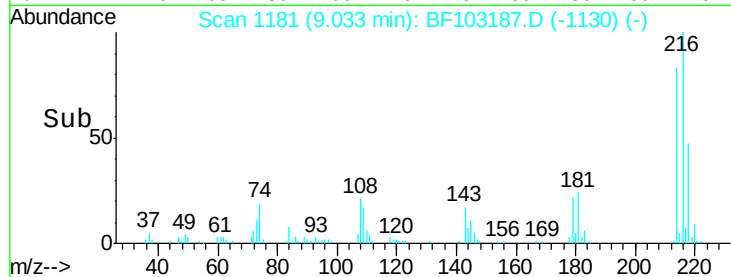


Abundance Ion 216.00 (215.70 to 216.70): E

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: 9.758 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

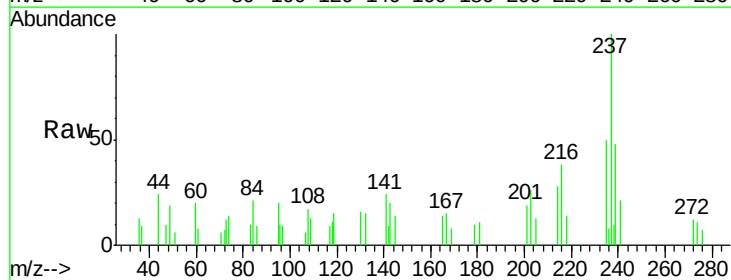
Tgt Ion:237 Resp: 3328

Ion Ratio Lower Upper

237 100

235 49.6 44.8 84.8

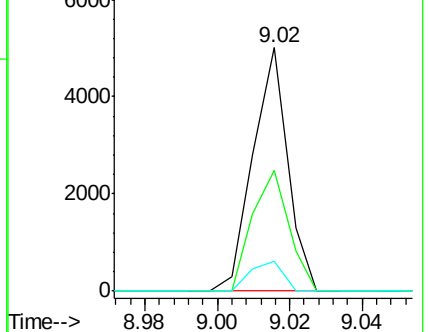
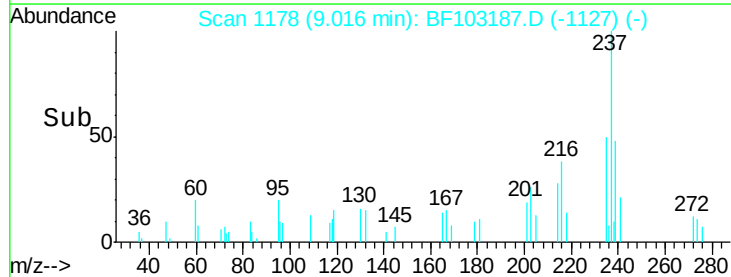
272 12.2 0.0 33.3

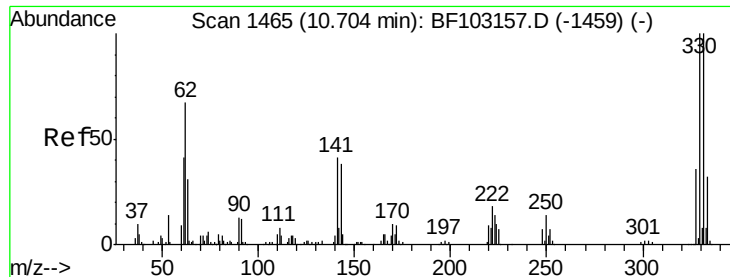


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

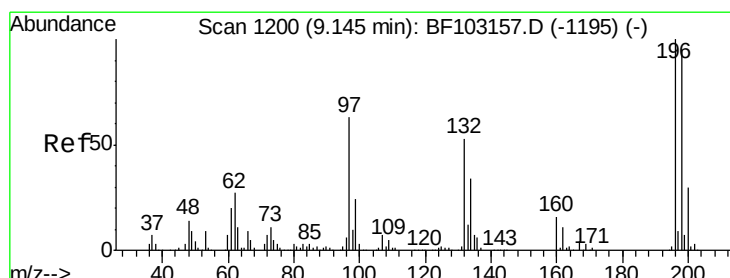
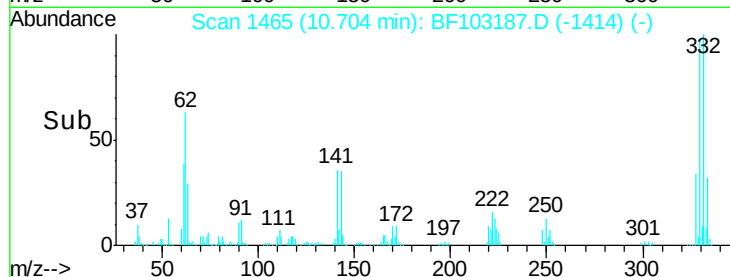
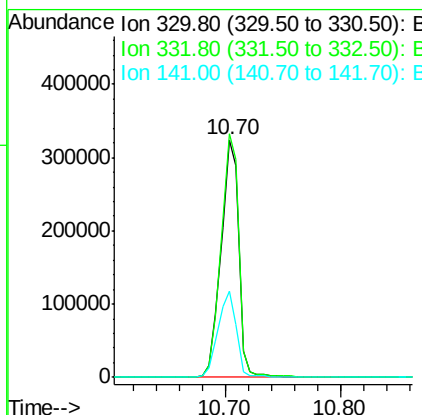
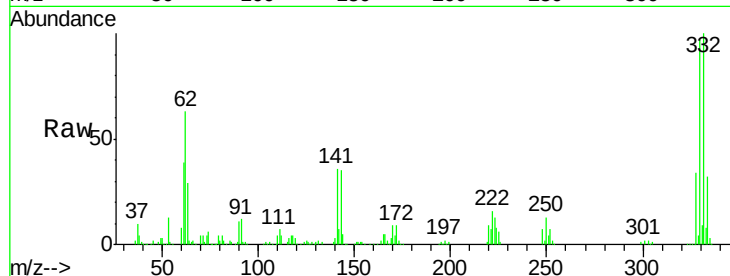




#41
 2,4,6-Tribromophenol
 Concen: 117.235 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

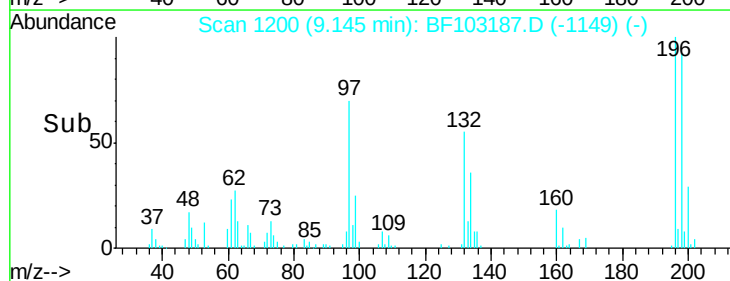
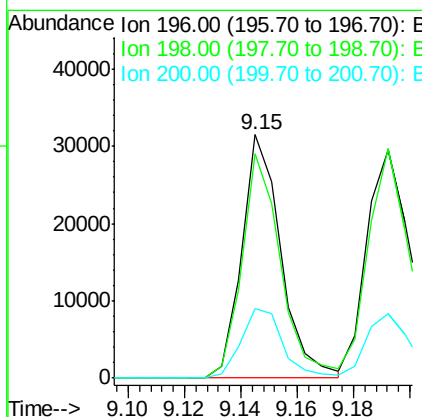
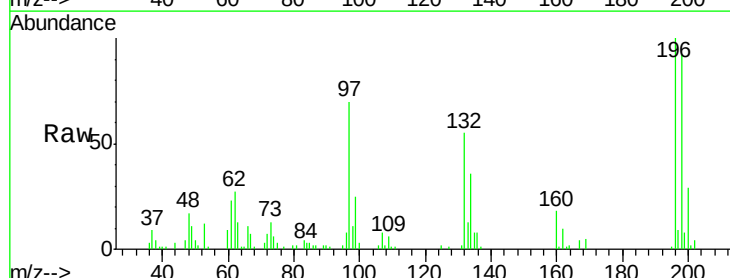
Instrument :
 BNA_F
 ClientSampleId :

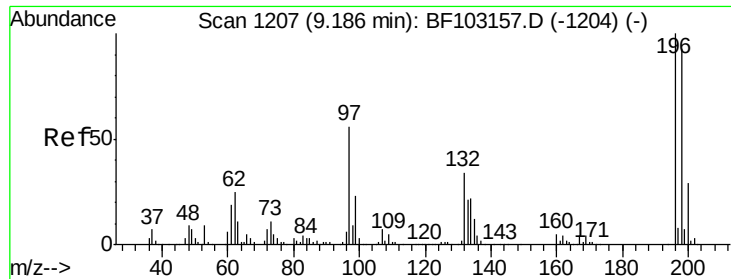
Tot Ion:330 Resp: 347572
 Ion Ratio Lower Upper
 330 100
 332 103.4 77.0 115.6
 141 37.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 4.711 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion:196 Resp: 30355
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.7 113.5
 200 28.8 24.5 36.7

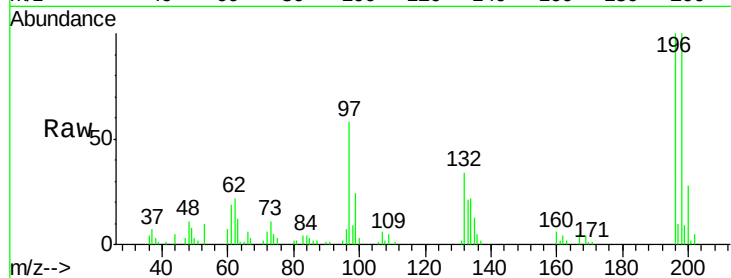




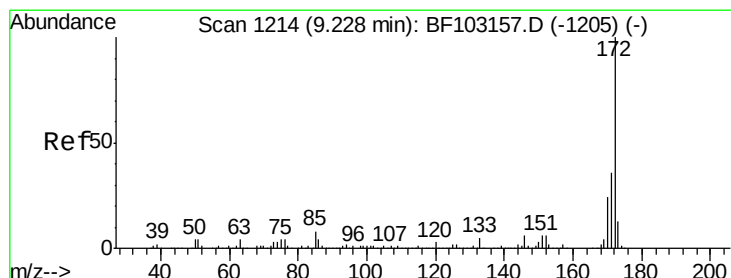
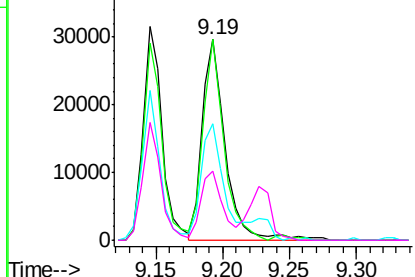
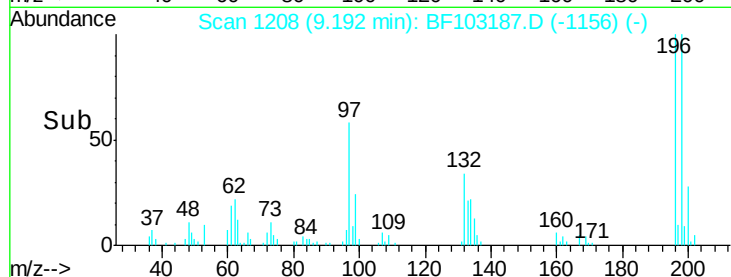
#43
 2,4,5-Trichlorophenol
 Concen: 4.824 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 35749
 Ion Ratio Lower Upper
 196 100
 198 100.5 74.6 112.0
 97 58.3 42.9 64.3
 132 34.5 26.3 39.5

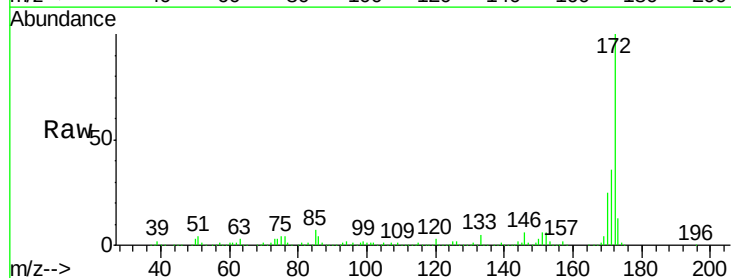


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

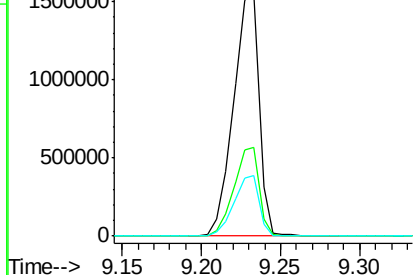
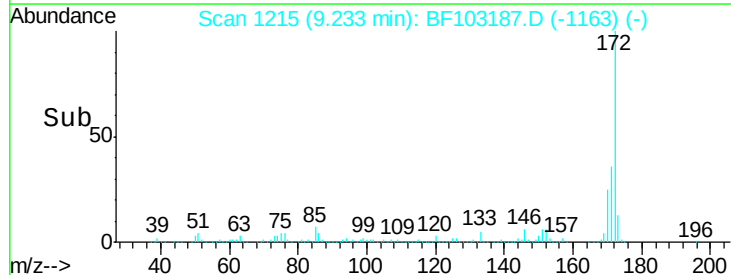


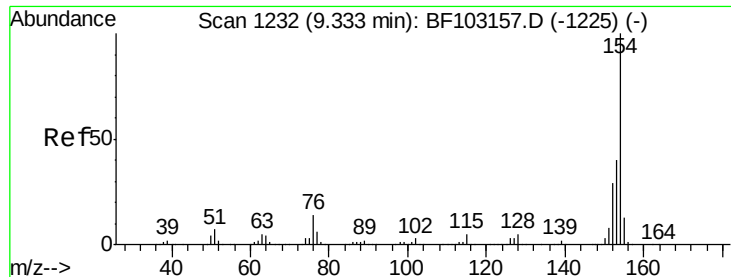
#44
 2-Fluorobiphenyl
 Concen: 86.068 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion:172 Resp: 1745059
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.7 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: 5.597 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

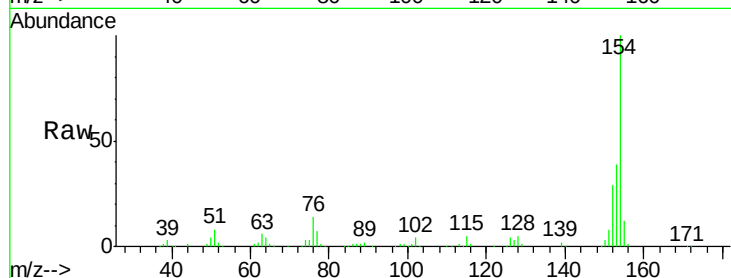
Tot Ion:154 Resp: 164276

Ion Ratio Lower Upper

154 100

153 38.9 21.3 61.3

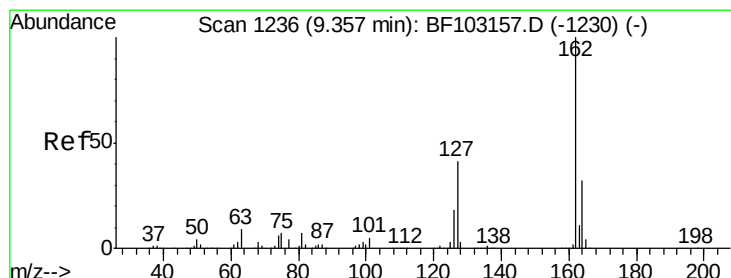
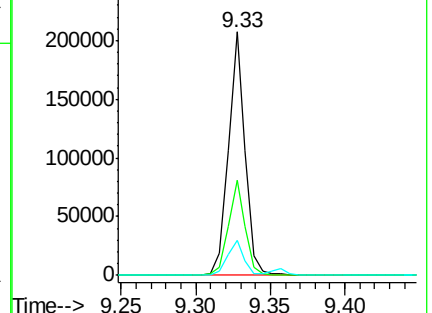
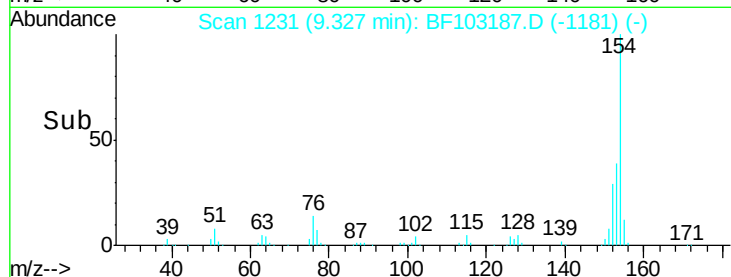
76 14.4 0.0 34.0



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: 5.267 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

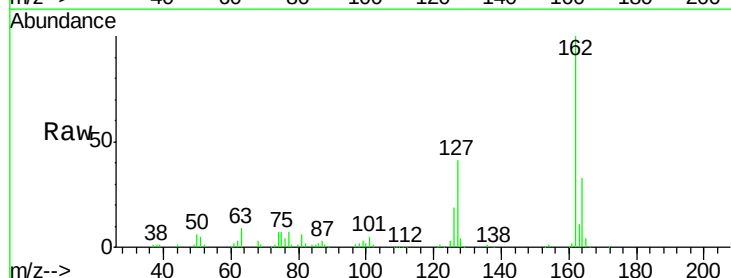
Tgt Ion:162 Resp: 122307

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

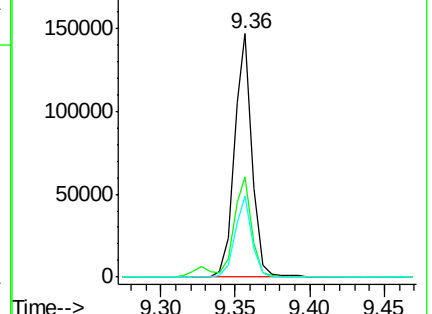
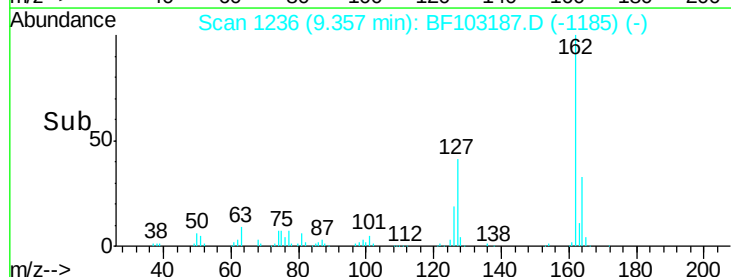
164 33.3 26.5 39.7

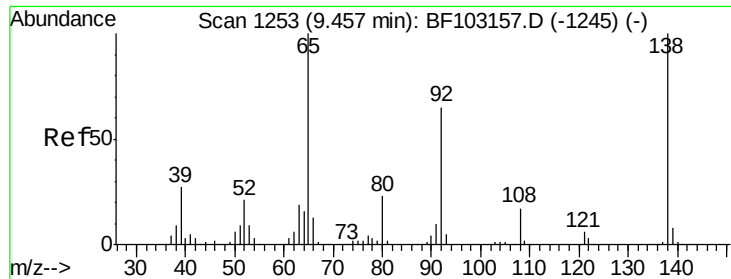


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

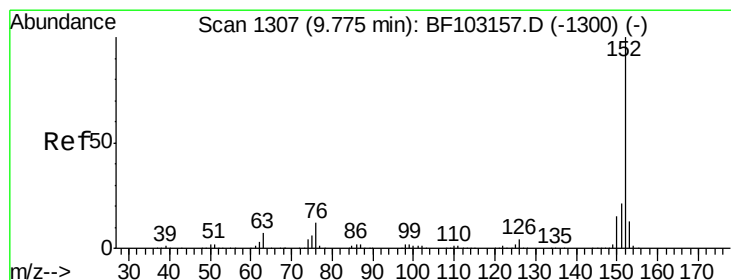
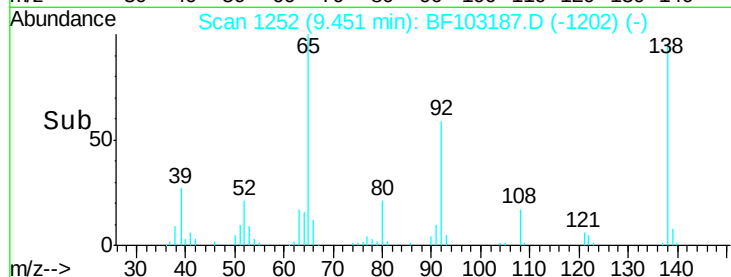
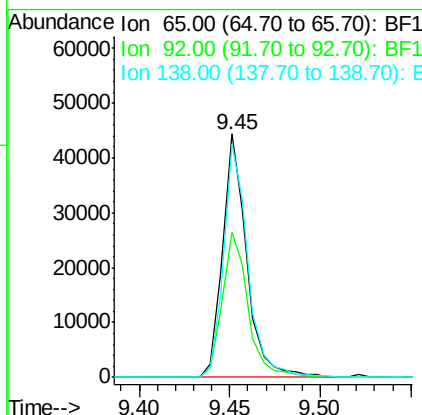
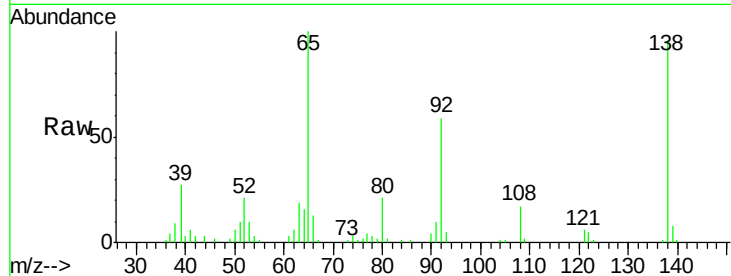




#47
2-Nitroaniline
Concen: 4.756 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

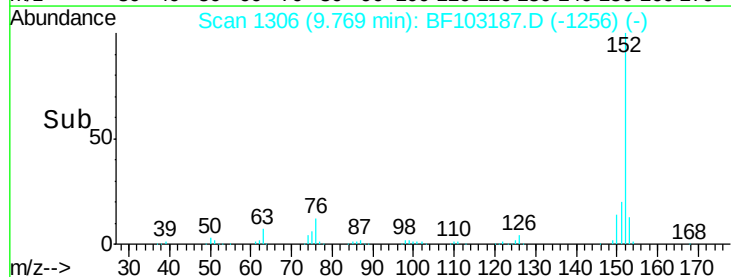
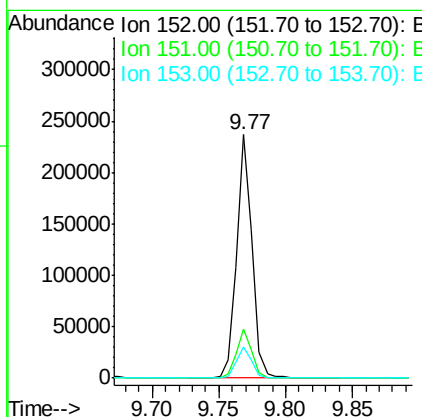
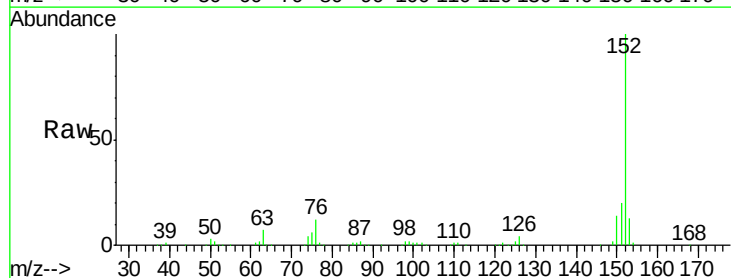
Instrument :
BNA_F
ClientSampled :

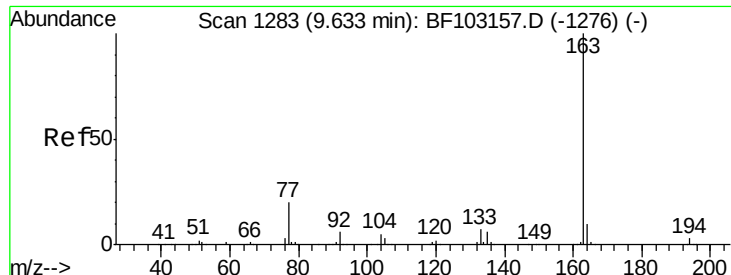
Tot Ion: 65 Resp: 40910
Ion Ratio Lower Upper
65 100
92 59.4 55.8 83.6
138 95.7 91.2 136.8



#48
Acenaphthylene
Concen: 5.380 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion: 152 Resp: 192205
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.8 10.7 16.1

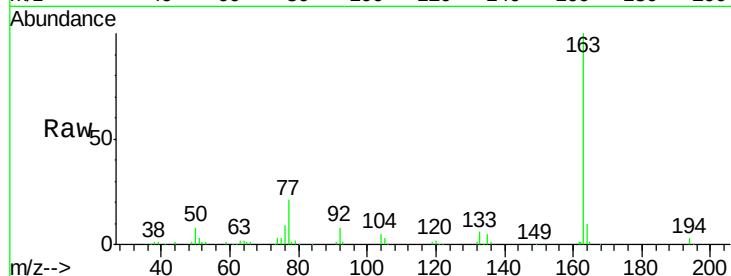




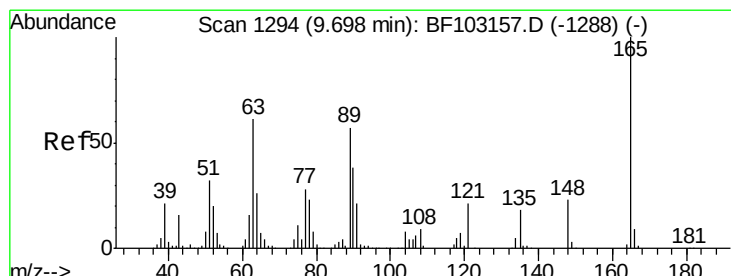
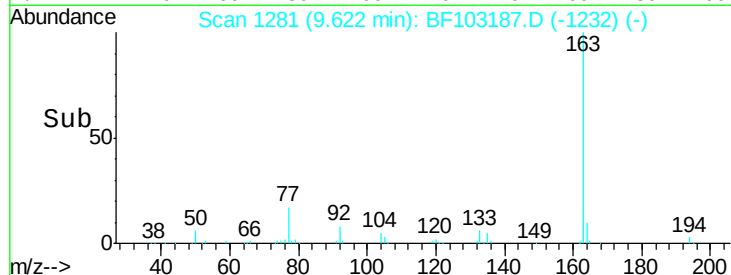
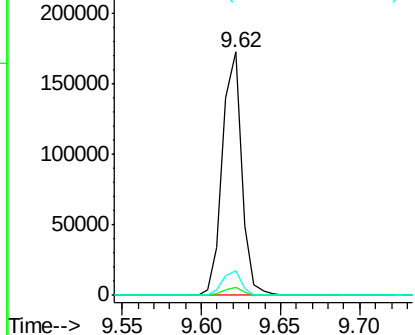
#49
Dimethylphthalate
Concen: 5.200 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.9	8.2	12.2

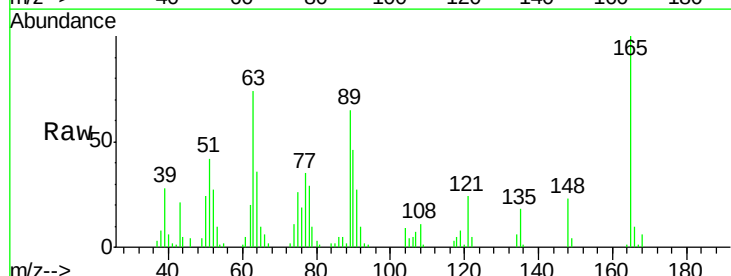


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

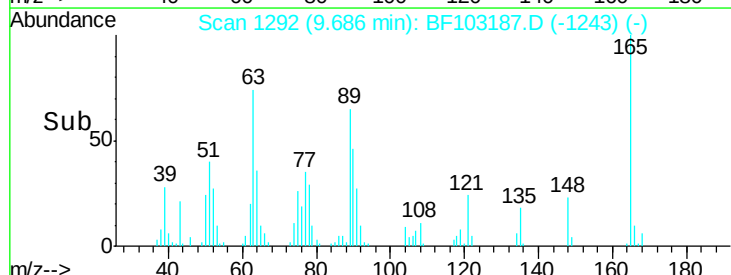
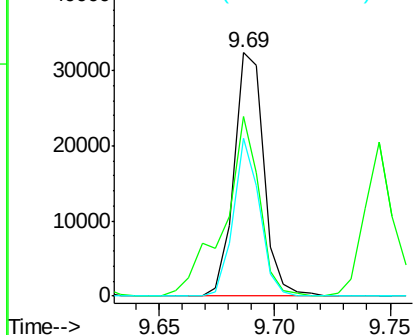


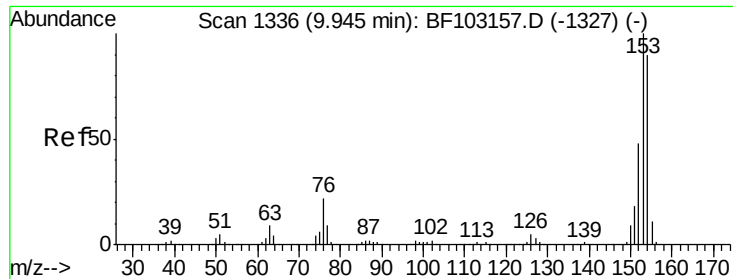
#50
2,6-Dinitrotoluene
Concen: 4.944 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.9	44.7	67.1#
89	64.7	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: 5.583 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

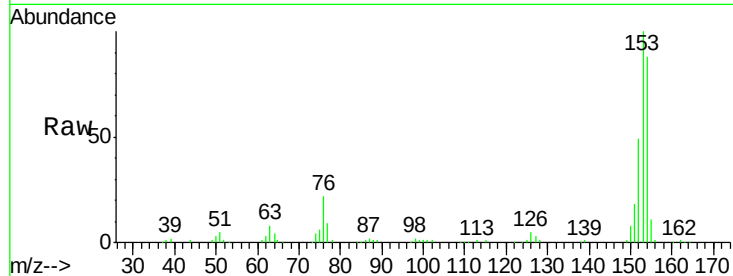
Tot Ion:154 Resp: 116304

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

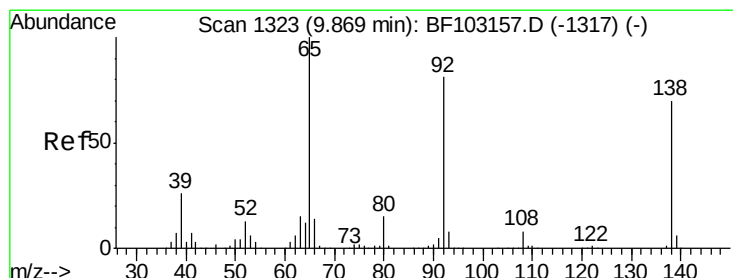
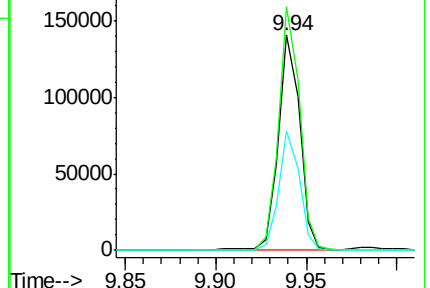
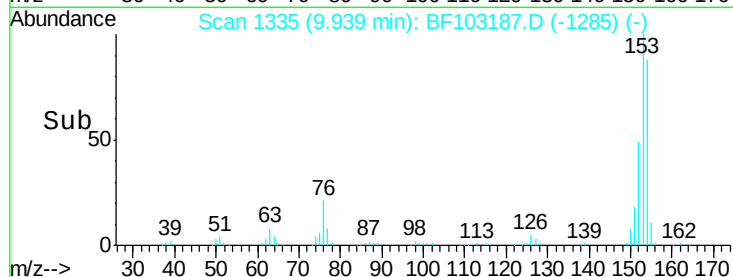
152 55.7 43.8 65.8



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: 4.716 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

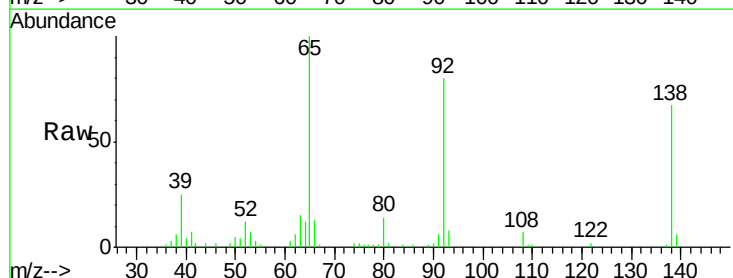
Tgt Ion:138 Resp: 35282

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

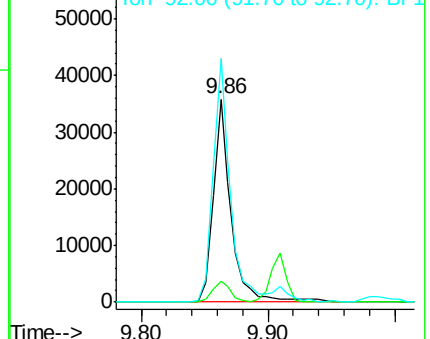
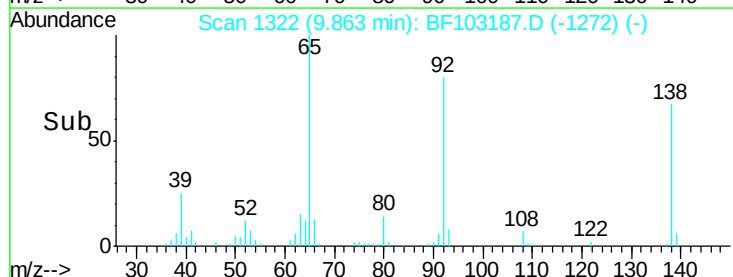
92 120.1 89.4 134.2

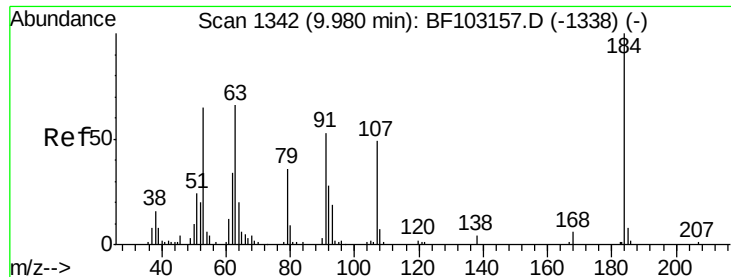


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

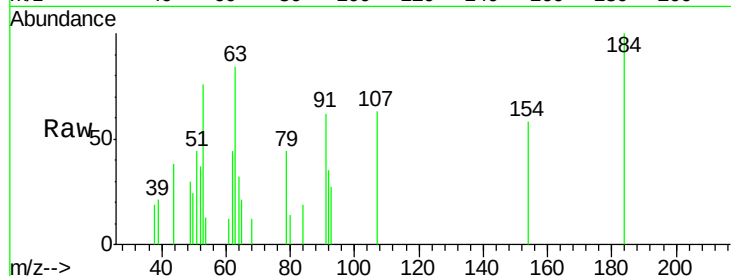




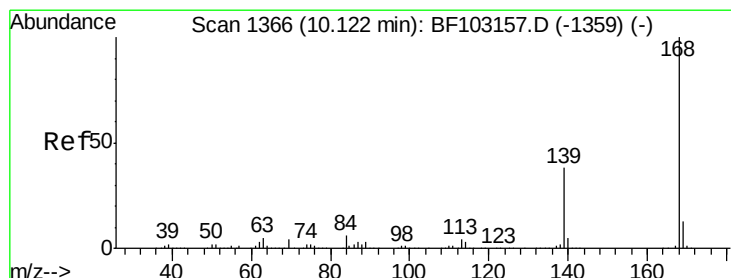
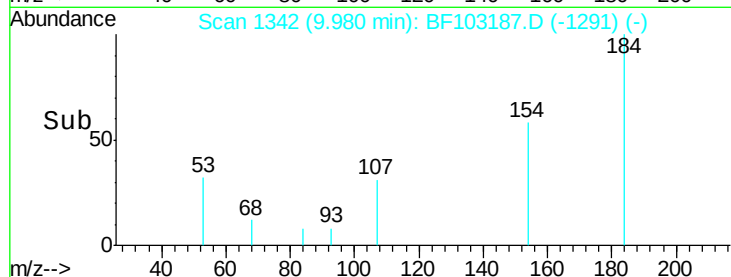
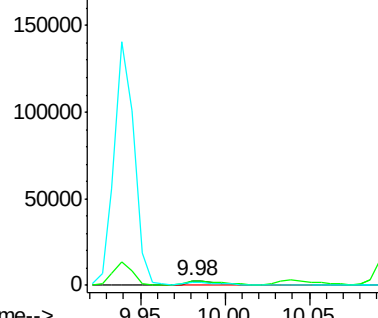
#53
2,4-Dinitrophenol
Concen: 11.410 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 4330
Ion Ratio Lower Upper
184 100
63 84.2 54.2 81.2#
154 57.8 184.0 276.0#

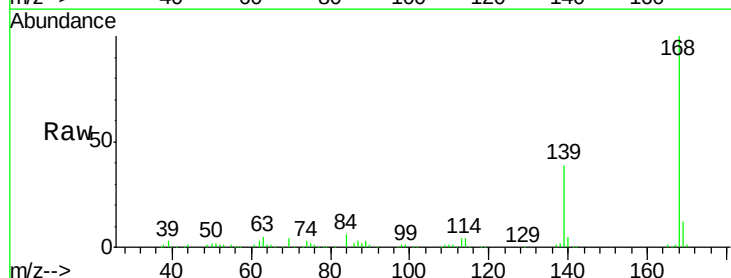


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

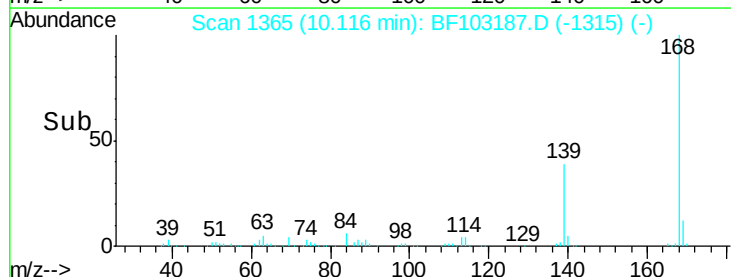
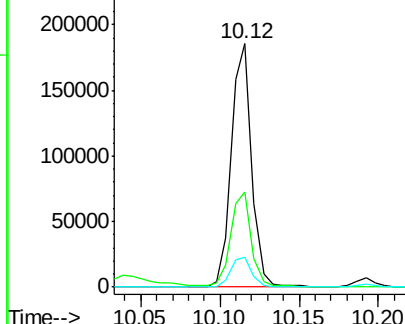


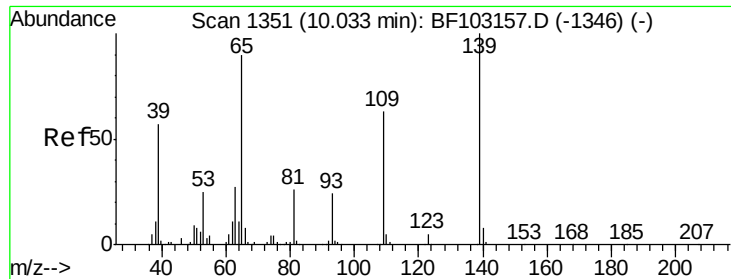
#54
Dibenzofuran
Concen: 5.775 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:168 Resp: 165144
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 12.2 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

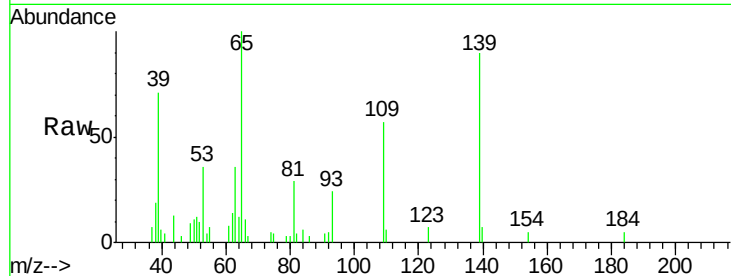




#55
4-Nitrophenol
Concen: 3.449 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.6	48.4	88.4
65	110.9	72.6	112.6

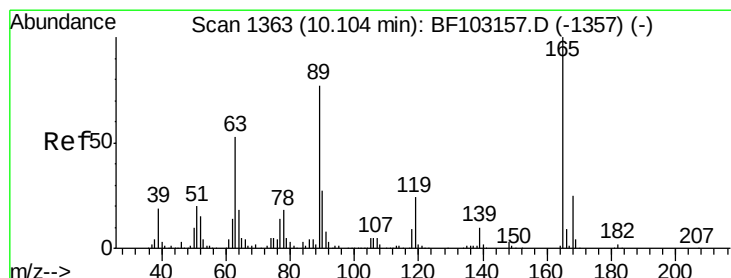
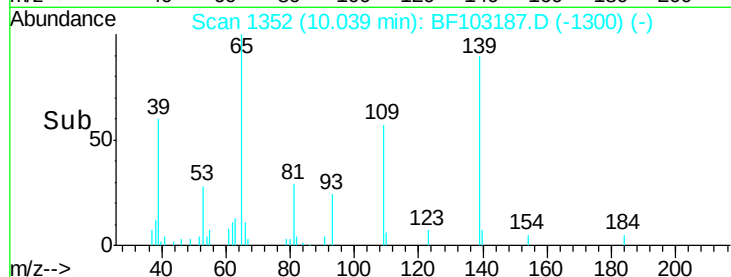
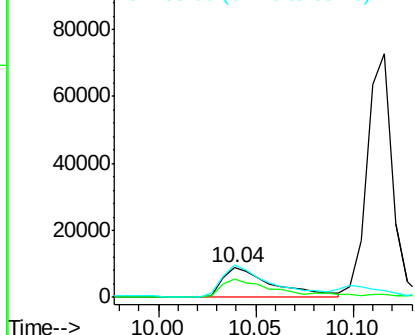


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 5.056 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	36.4	54.6
89	78.9	57.8	86.6
182	2.2	1.6	2.4

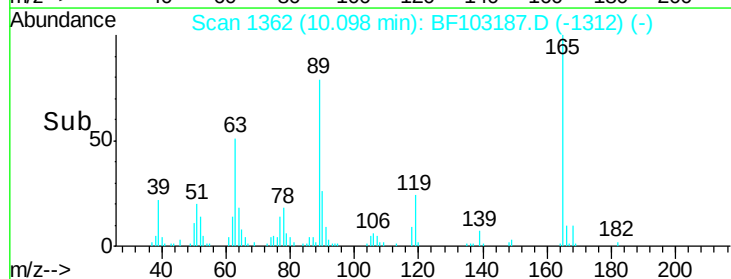
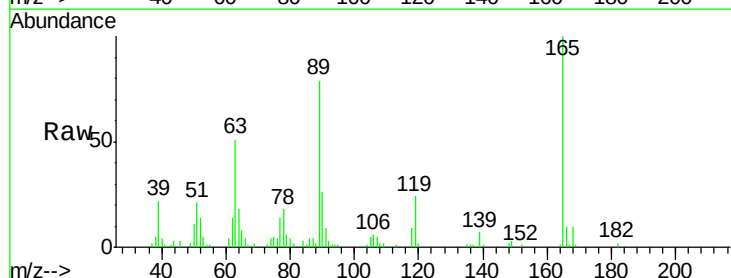
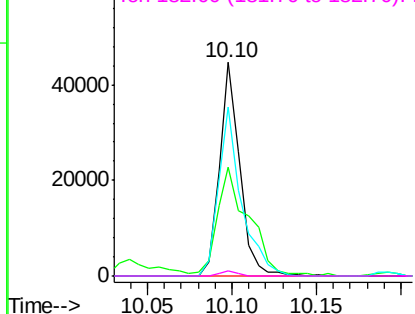
Abundance

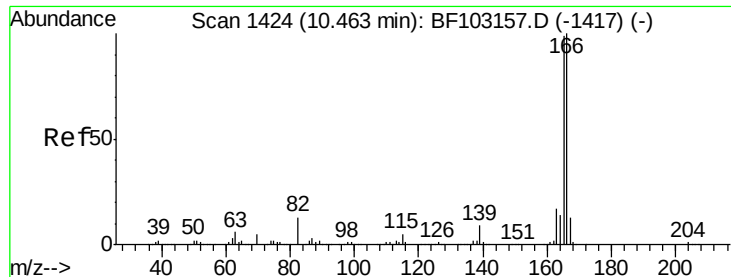
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

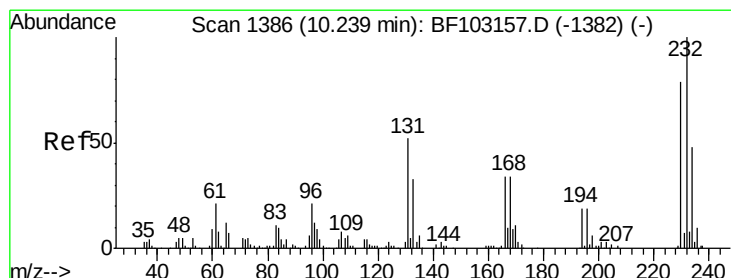
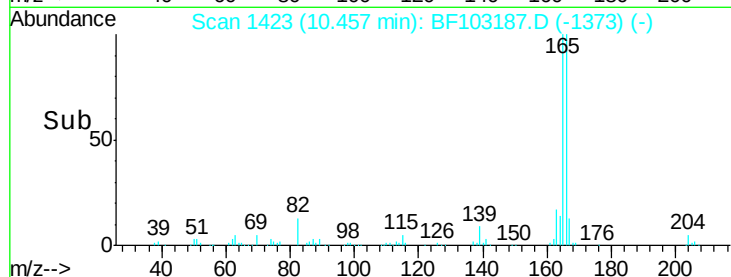
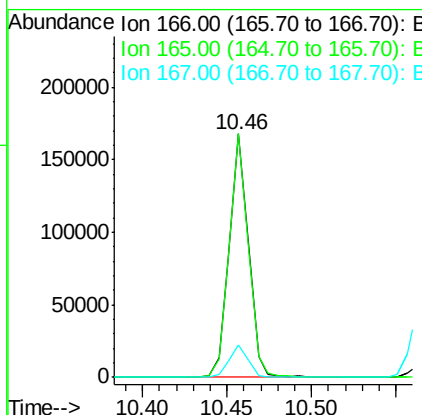
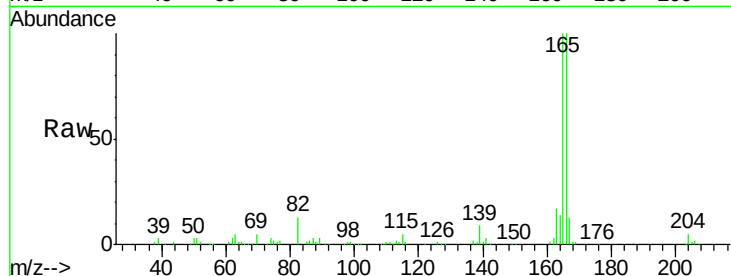




#57
Fluorene
Concen: 5.443 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

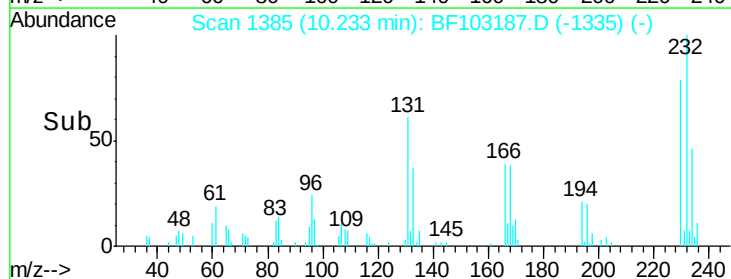
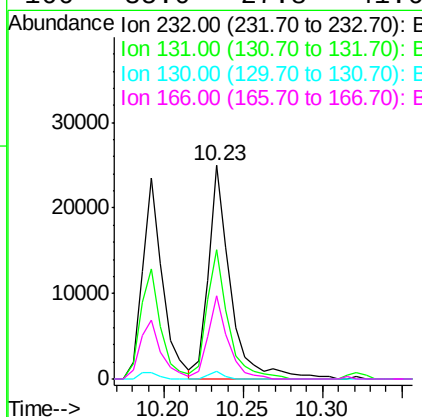
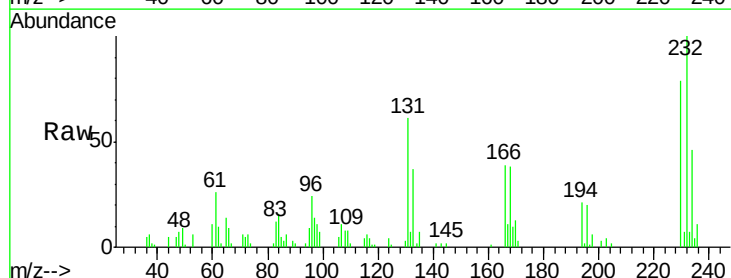
Instrument :
BNA_F
ClientSampleId :

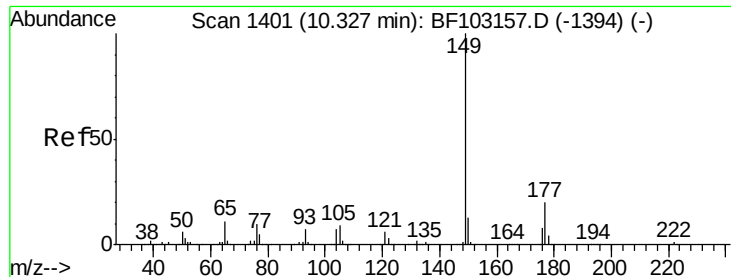
Tot Ion:166 Resp: 132590
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.8
167 13.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.915 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:232 Resp: 24468
Ion Ratio Lower Upper
232 100
131 58.8 43.8 65.8
130 2.4 2.1 3.1
166 35.0 27.8 41.6

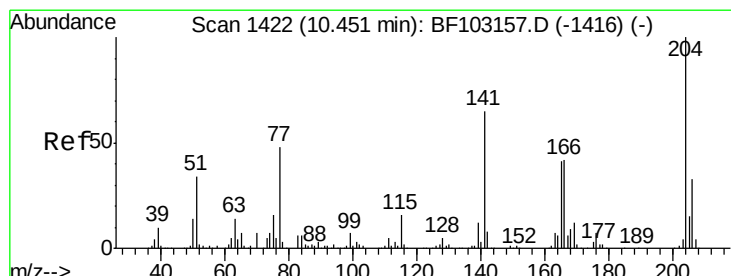
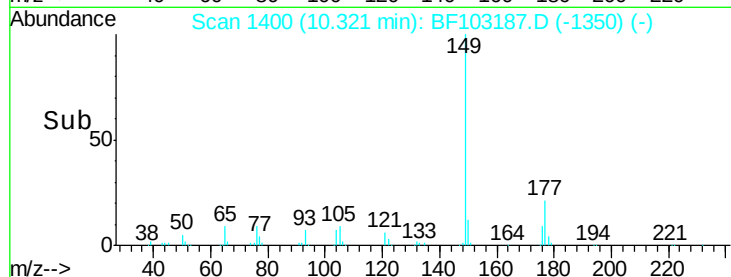
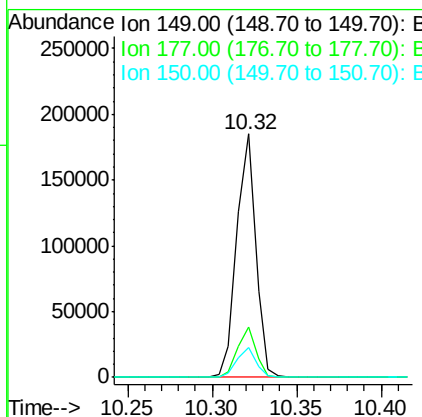
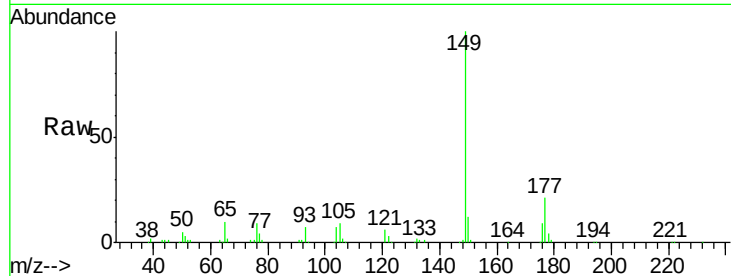




#59
Diethylphthalate
Concen: 5.406 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

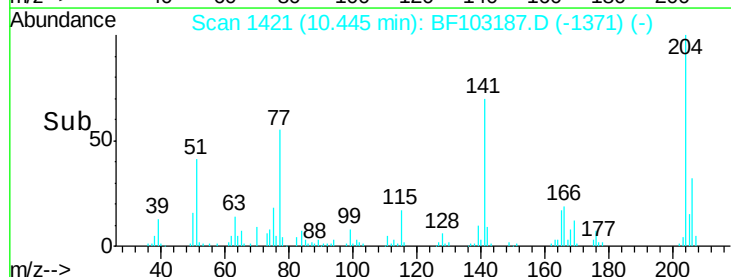
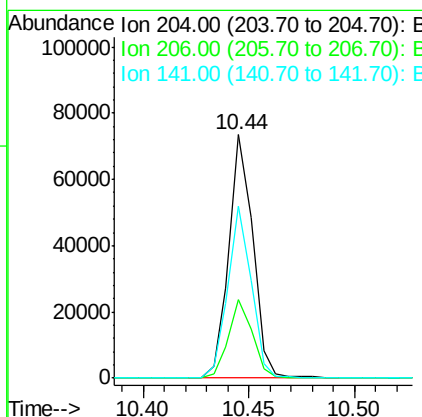
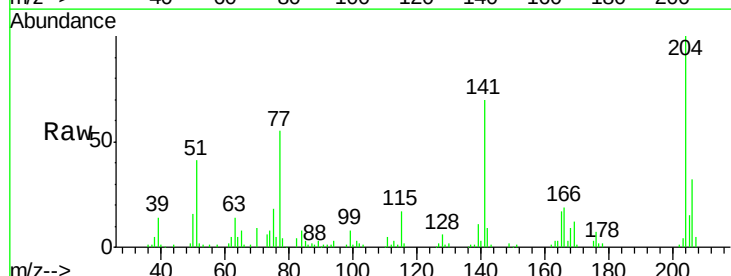
Instrument :
BNA_F
ClientSampleId :

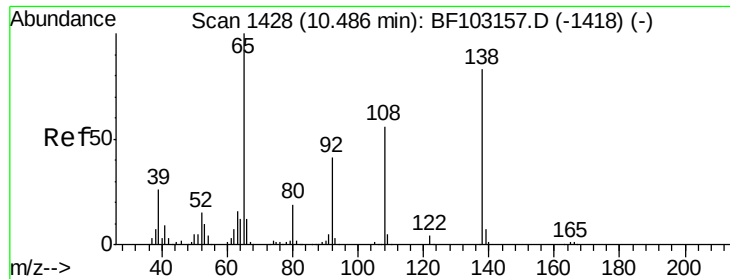
Tot Ion:149 Resp: 145282
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:204 Resp: 57677
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 70.4 54.6 81.8

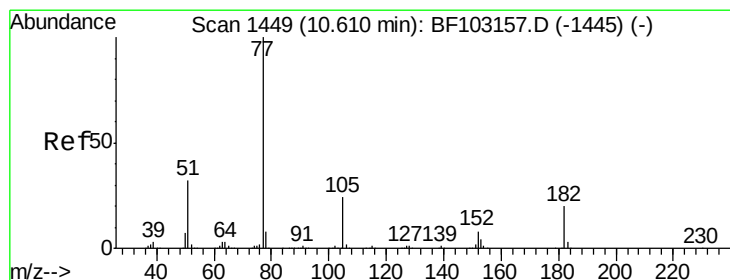
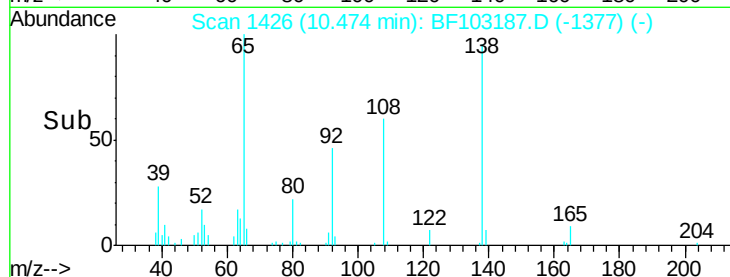
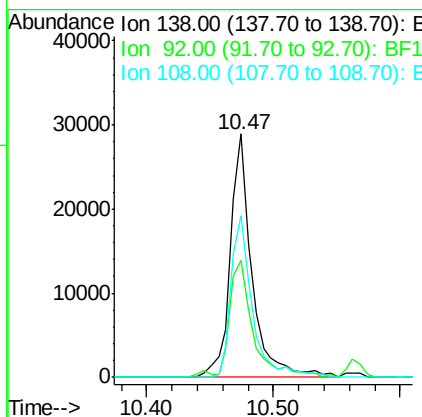
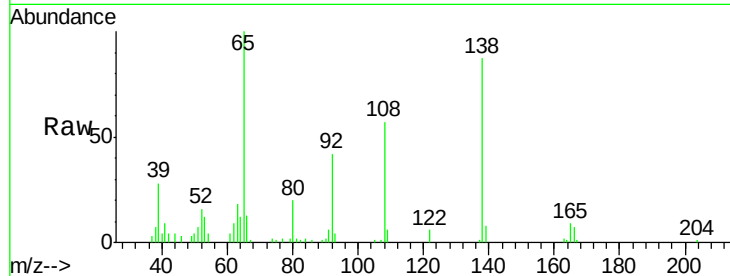




#61
4-Nitroaniline
Concen: 4.550 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

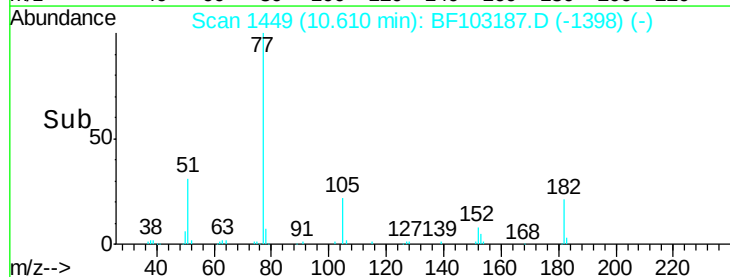
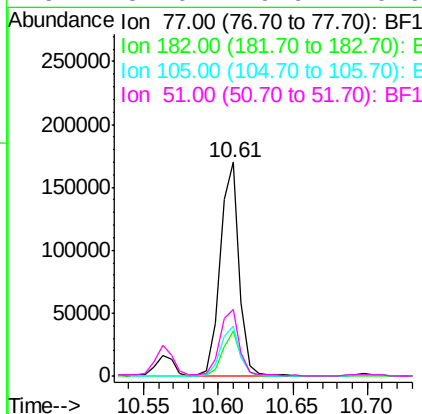
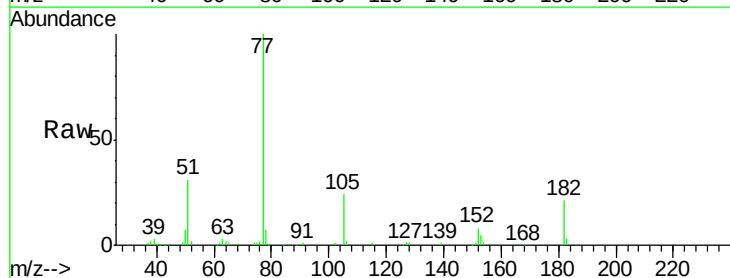
Instrument :
BNA_F
ClientSampleId :

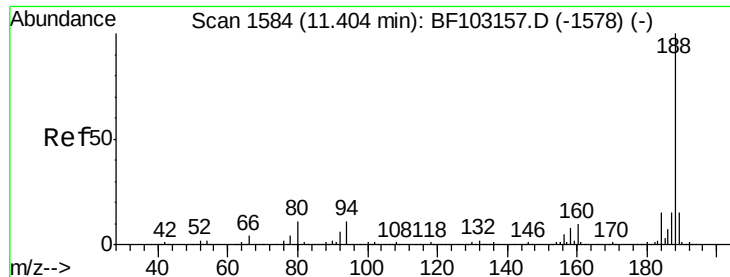
Tot Ion:138 Resp: 34001
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 5.547 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion: 77 Resp: 151732
Ion Ratio Lower Upper
77 100
182 20.7 1.7 41.7
105 23.5 3.0 43.0
51 31.0 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: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

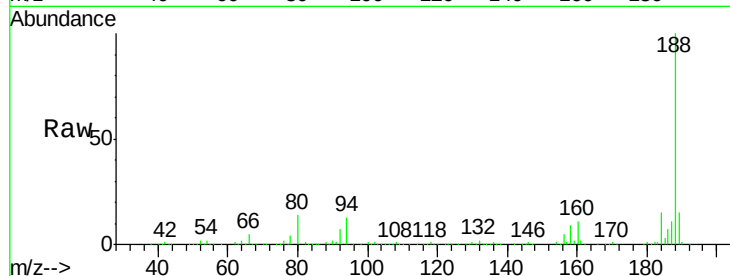
Tot Ion:188 Resp: 606269

Ion Ratio Lower Upper

188 100

94 12.7 8.5 12.7

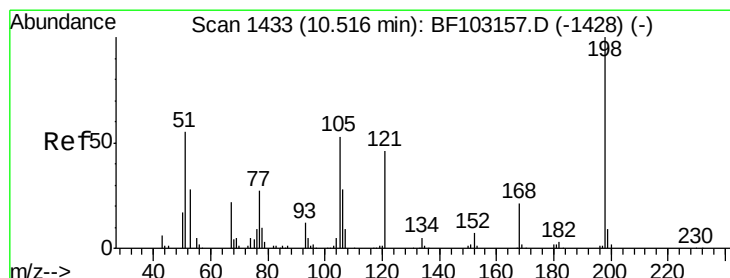
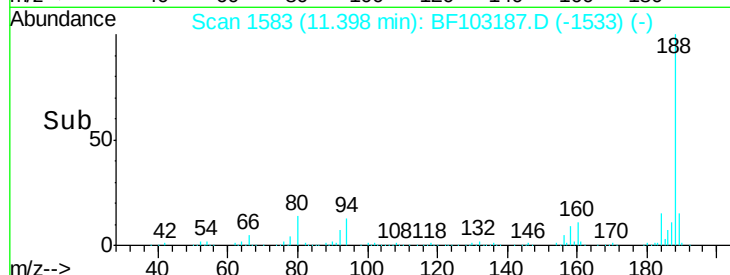
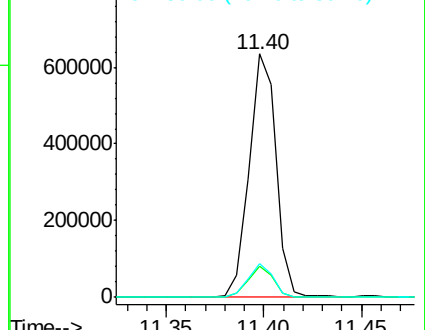
80 13.6 9.2 13.8



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: 7.782 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

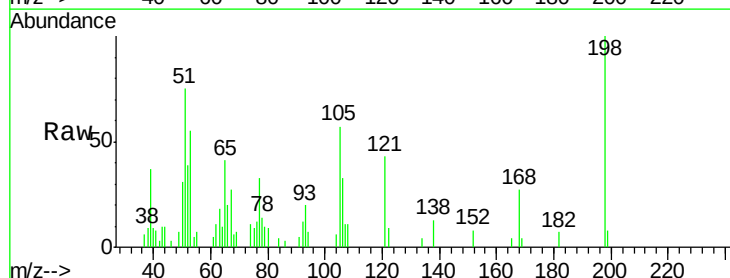
Tgt Ion:198 Resp: 11666

Ion Ratio Lower Upper

198 100

51 74.8 37.7 77.7

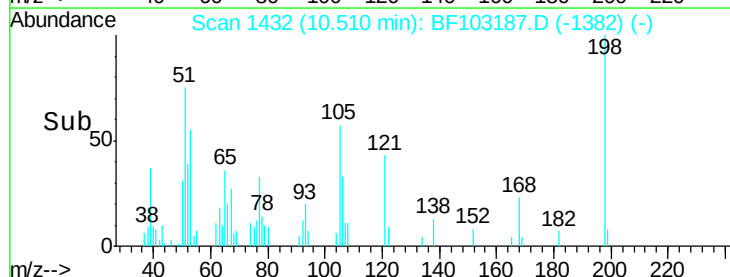
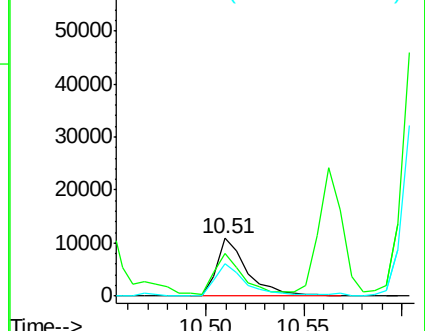
105 57.3 36.3 76.3

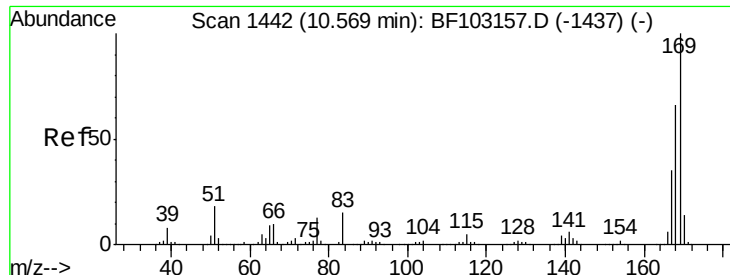


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

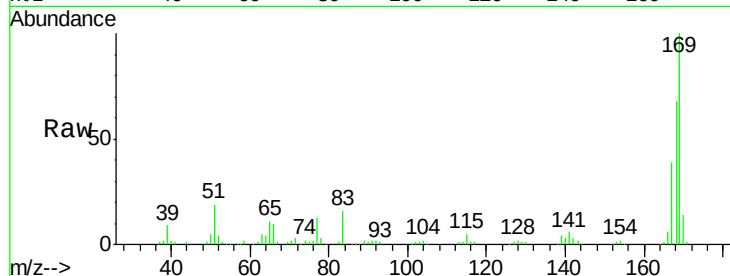




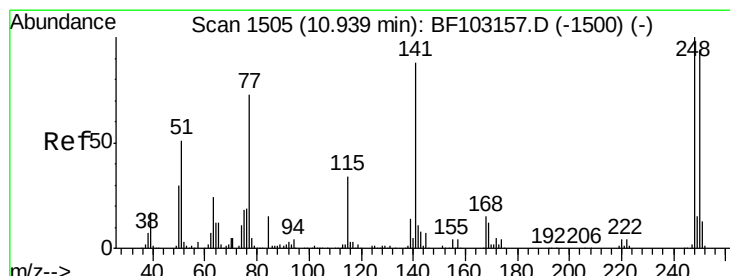
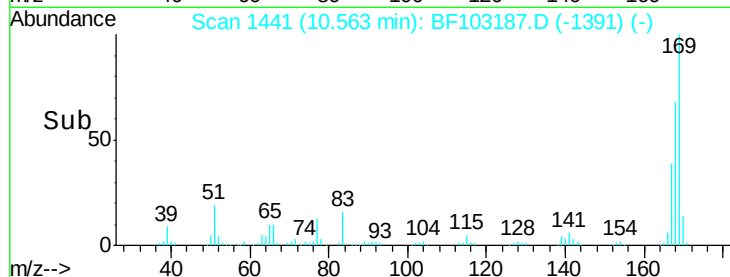
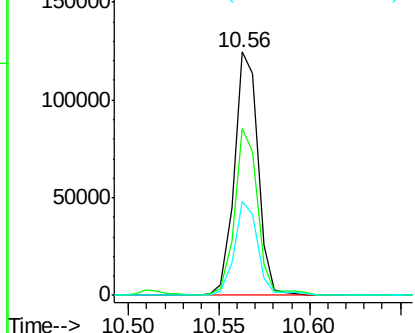
#65
 n-Nitrosodiphenylamine
 Concen: 5.349 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 112916
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 38.8 29.8 44.6

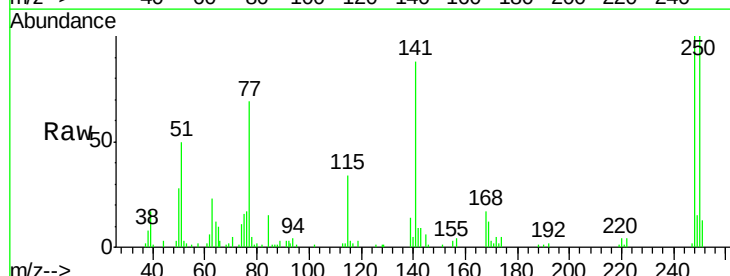


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

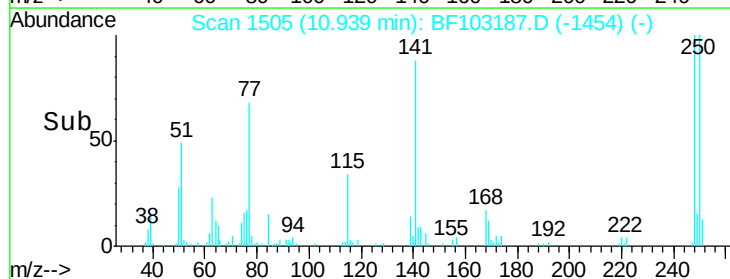
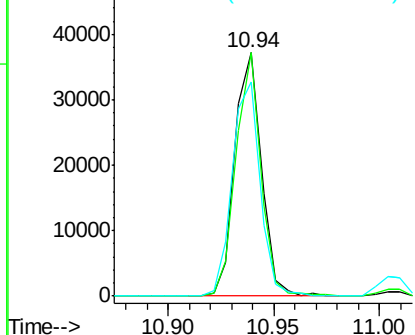


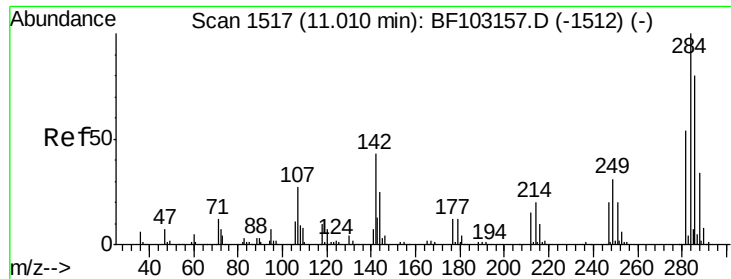
#66
 4-Bromophenyl-phenylether
 Concen: 5.119 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion:248 Resp: 32330
 Ion Ratio Lower Upper
 248 100
 250 100.1 76.9 115.3
 141 87.9 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

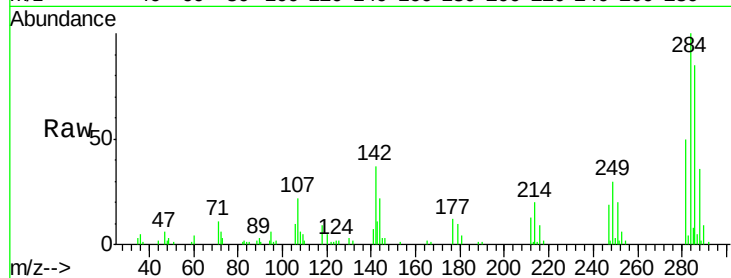




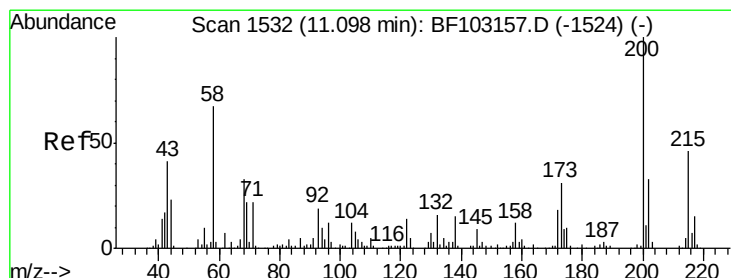
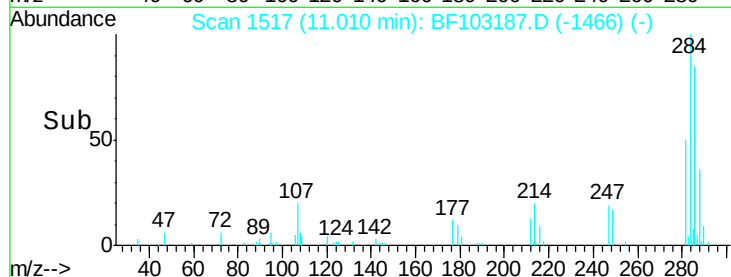
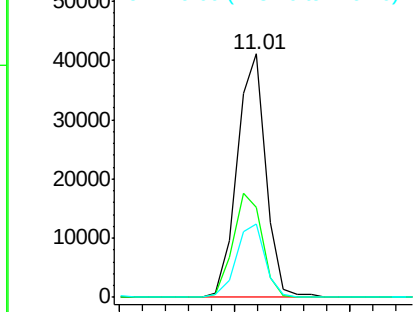
#67
Hexachlorobenzene
Concen: 5.183 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 35527
Ion Ratio Lower Upper
284 100
142 36.8 34.6 52.0
249 29.9 24.8 37.2

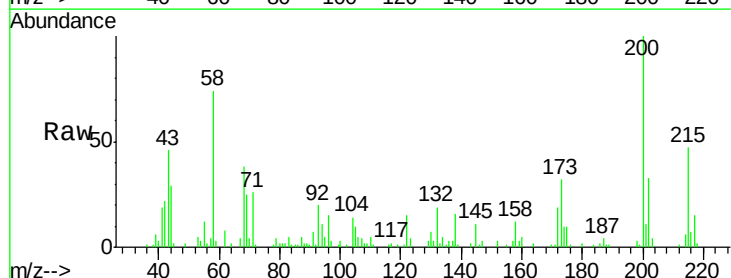


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

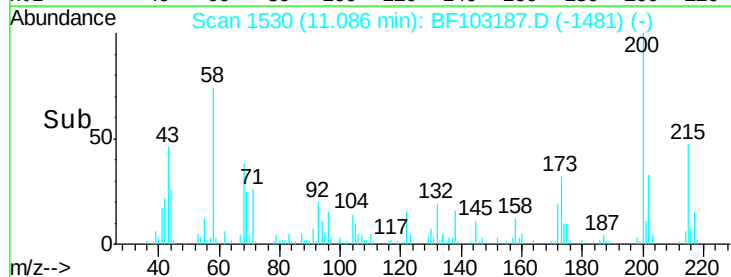
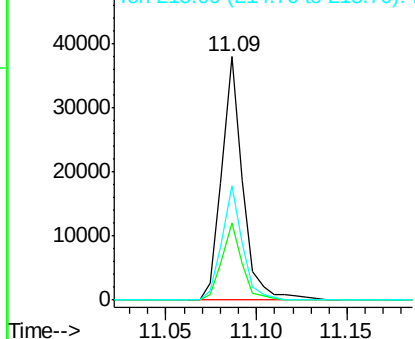


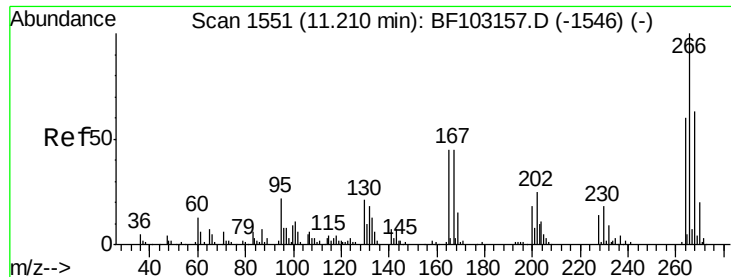
#68
Atrazine
Concen: 4.861 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:200 Resp: 30845
Ion Ratio Lower Upper
200 100
173 31.7 8.6 48.6
215 47.1 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

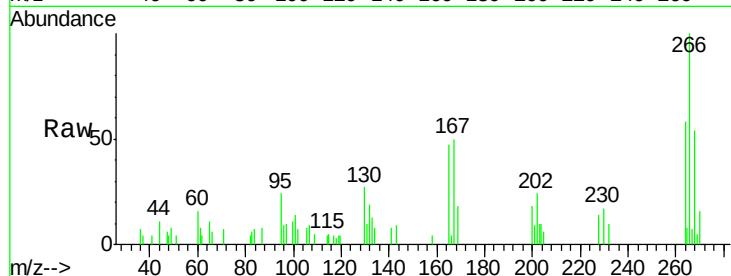




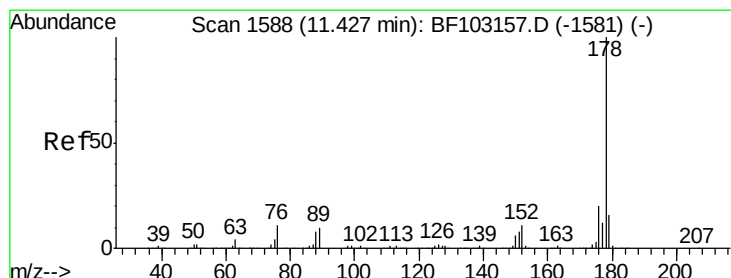
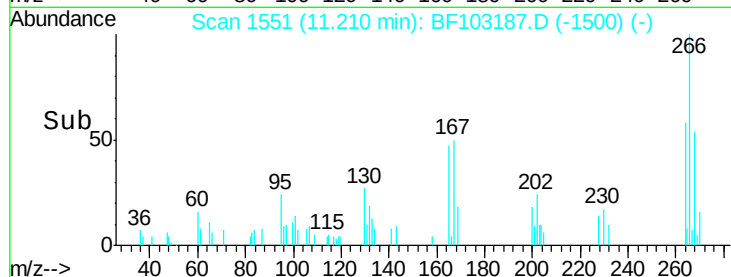
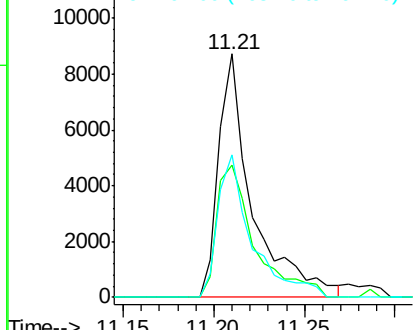
#69
 Pentachlorophenol
 Concen: 3.412 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 11310
 Ion Ratio Lower Upper
 266 100
 268 54.4 51.1 76.7
 264 66.0 49.5 74.3

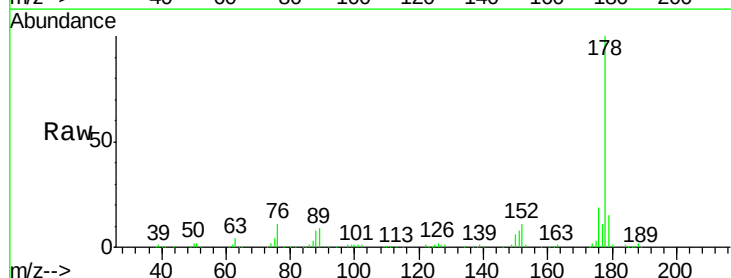


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

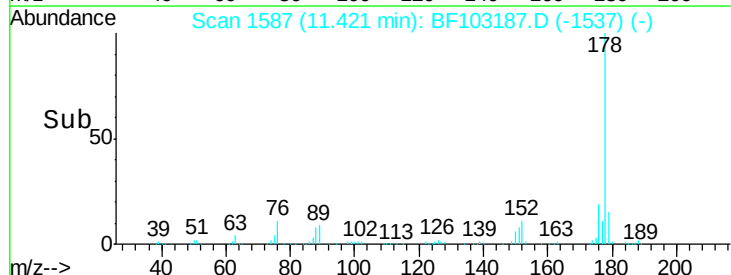
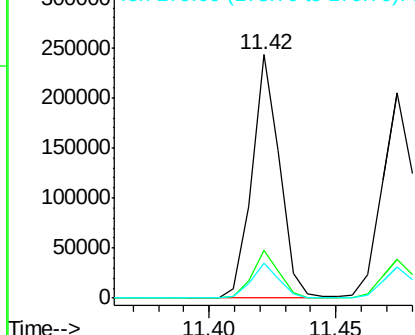


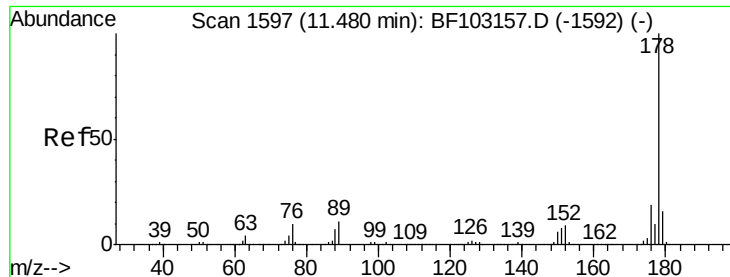
#70
 Phenanthrene
 Concen: 5.542 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion:178 Resp: 184920
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 14.5 13.0 19.6



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





#71

Anthracene

Concen: 5.395 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

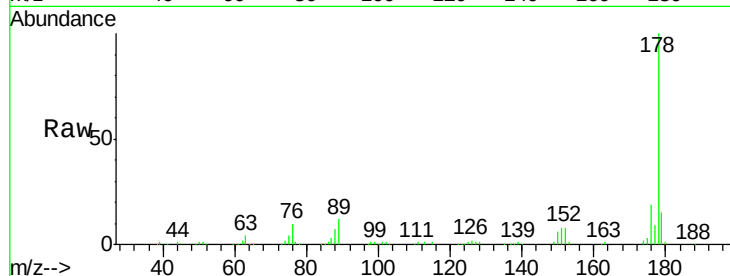
Tot Ion:178 Resp: 184588

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

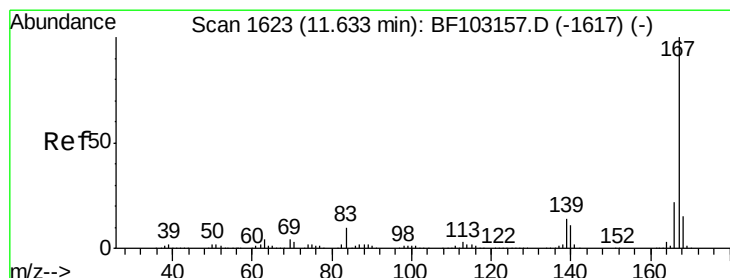
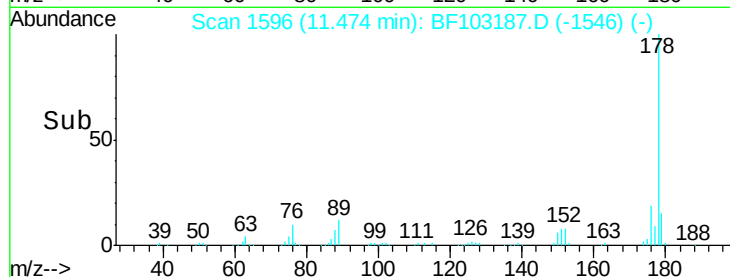
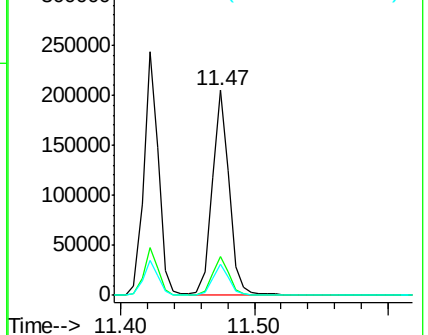
179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 5.292 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

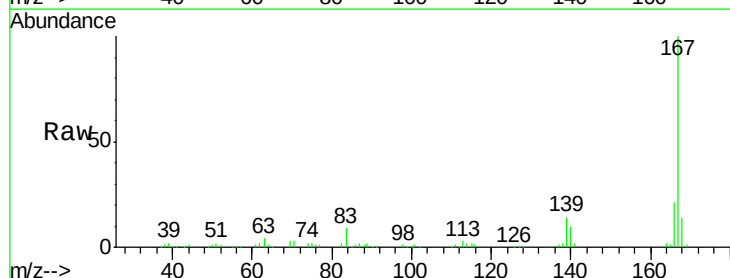
Tgt Ion:167 Resp: 180310

Ion Ratio Lower Upper

167 100

166 20.5 17.6 26.4

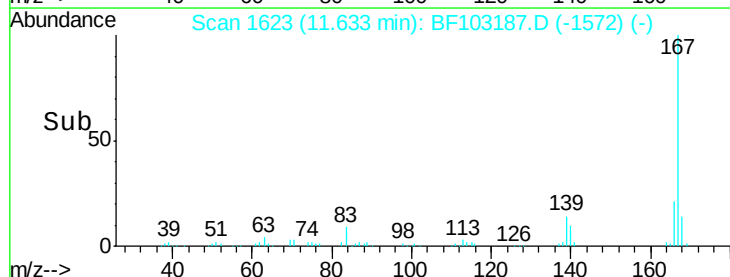
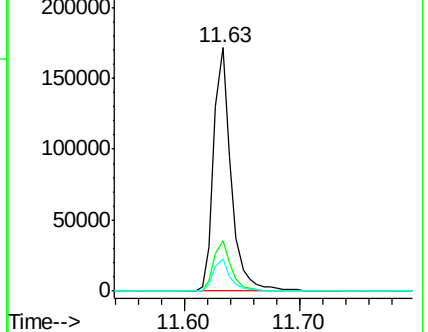
139 13.5 10.9 16.3

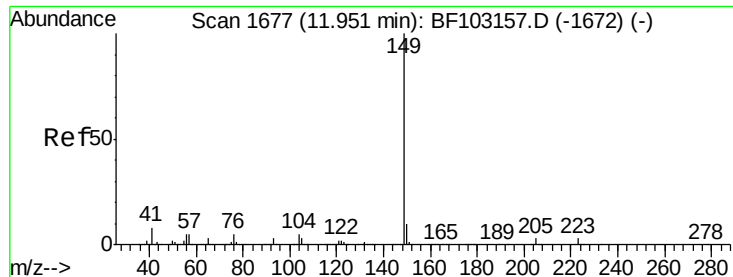


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 5.384 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

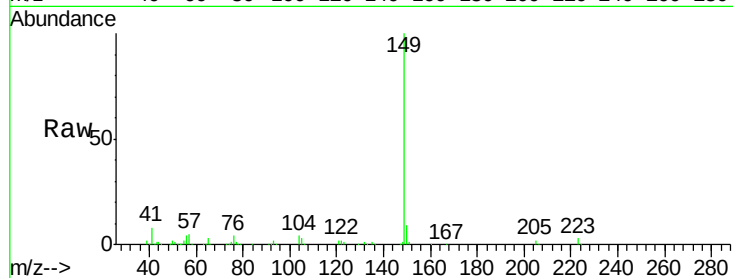
Tot Ion:149 Resp: 229536

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

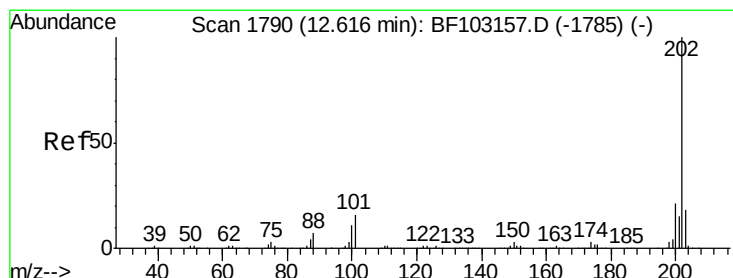
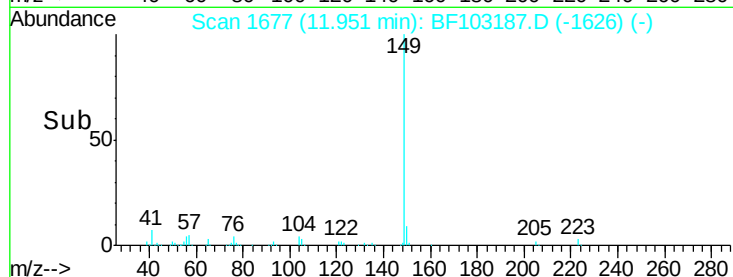
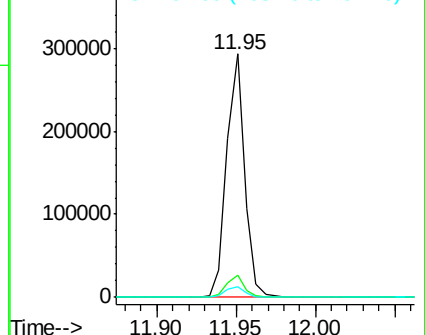
104 4.5 3.8 5.8



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: 5.400 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

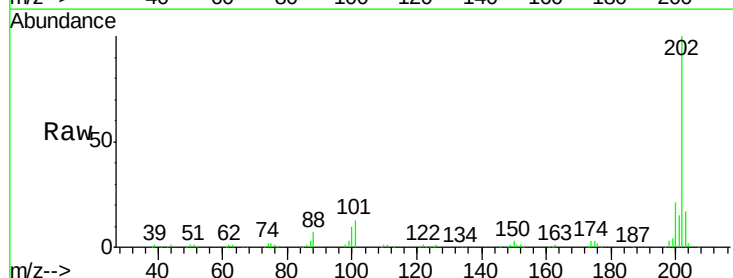
Tgt Ion:202 Resp: 181056

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

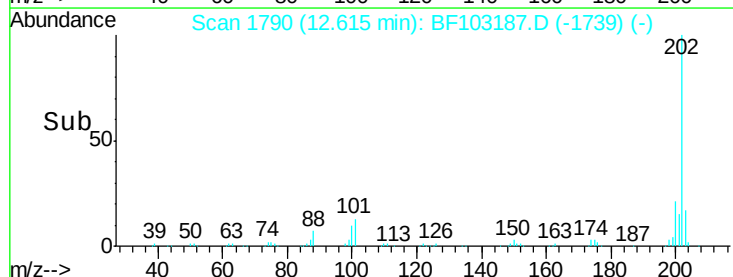
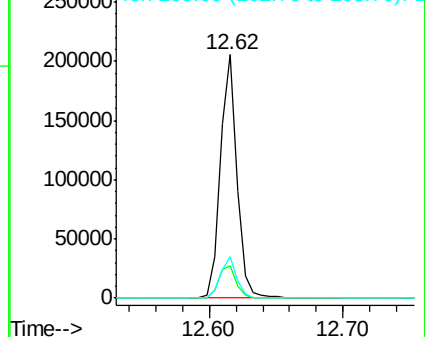
203 16.8 0.0 38.1

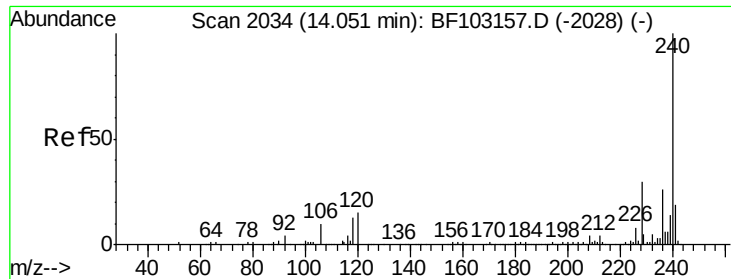


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

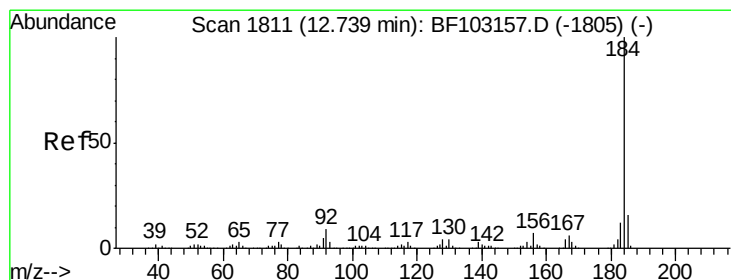
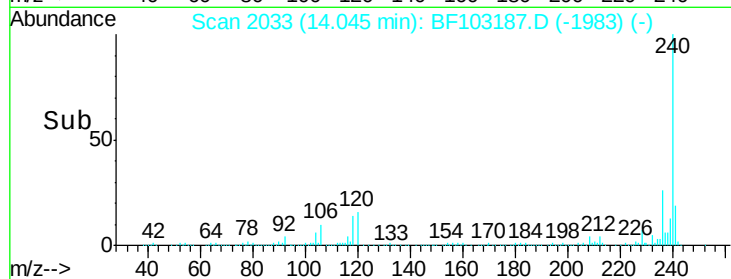
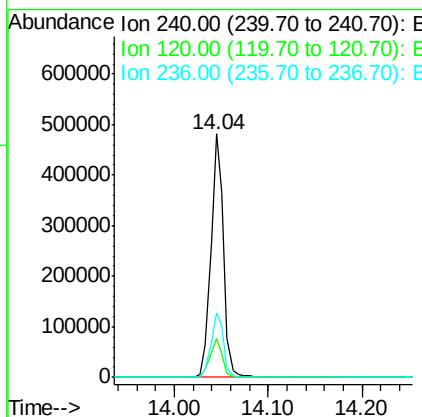
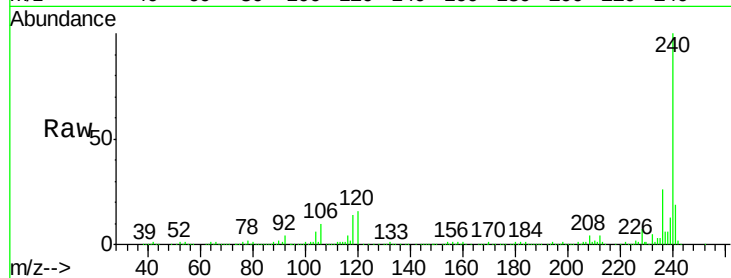




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

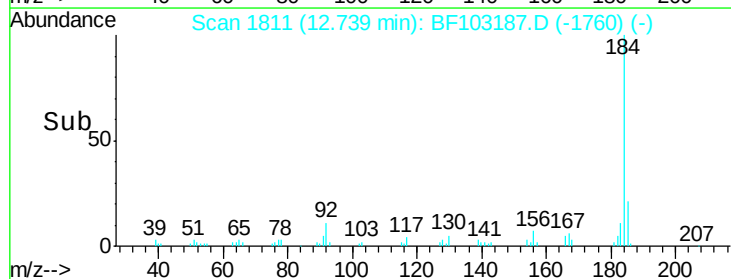
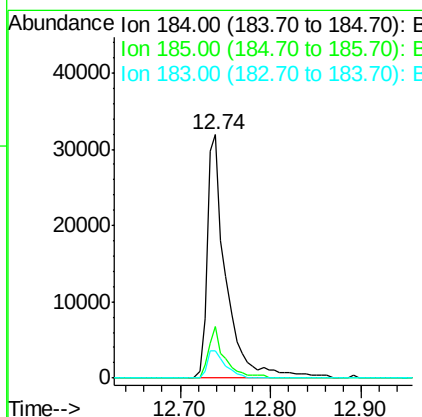
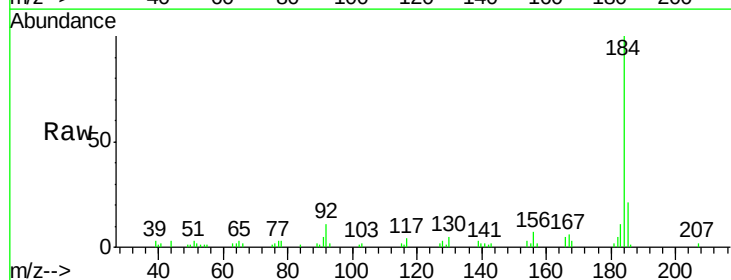
Instrument :
 BNA_F
 ClientSampleId :

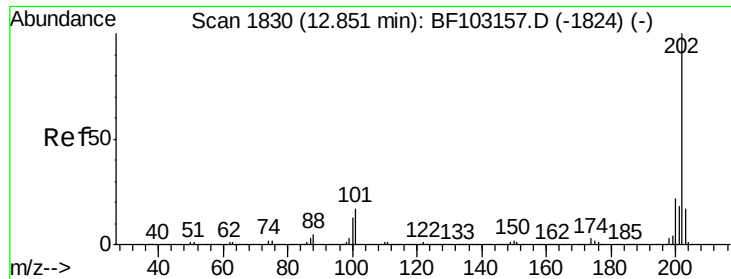
Tot Ion:240 Resp: 457568
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 26.5 20.7 31.1



#76
 Benzidine
 Concen: 2.712 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Tgt Ion:184 Resp: 46391
 Ion Ratio Lower Upper
 184 100
 185 21.2 12.6 18.8#
 183 11.3 9.3 13.9

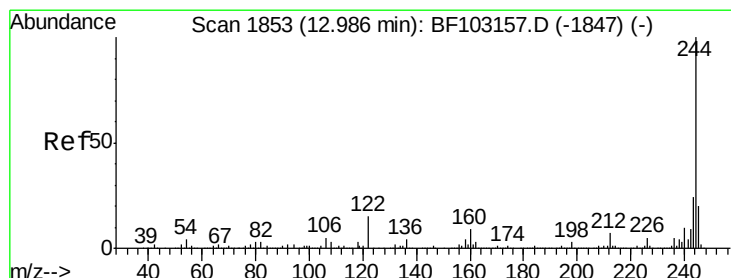
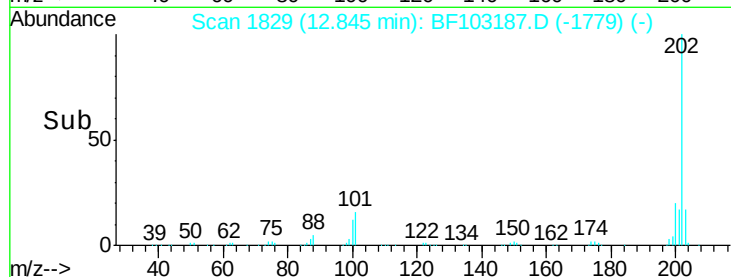
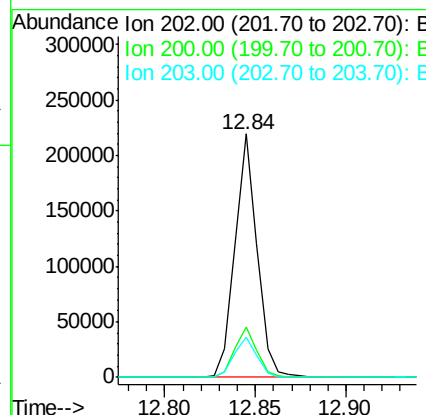
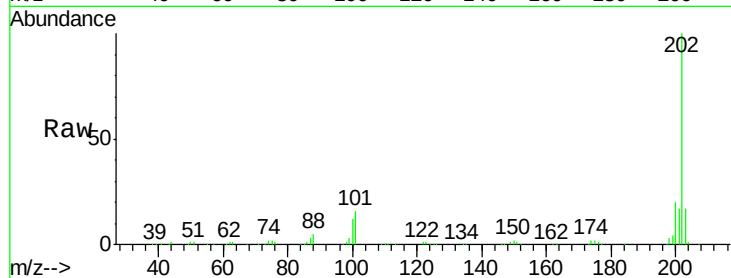




#77
Pvrene
Concen: 5.261 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

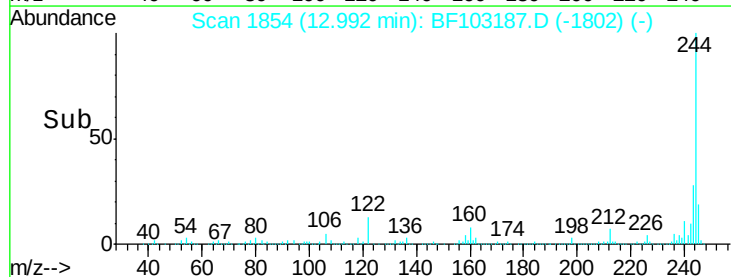
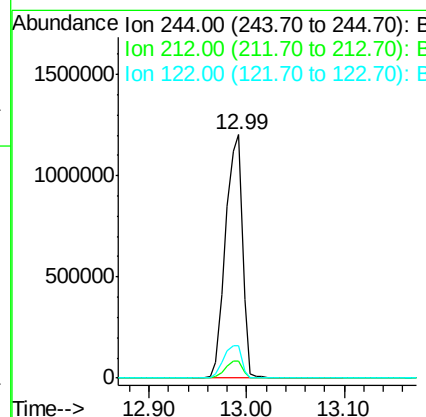
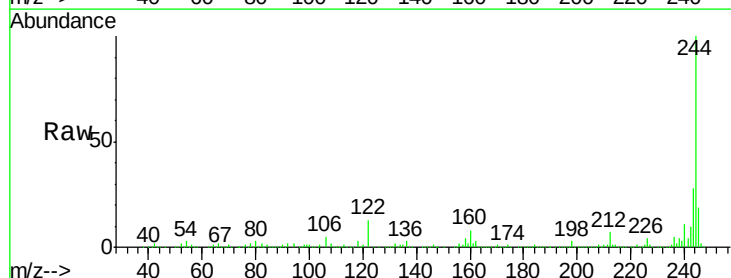
Instrument :
BNA_F
ClientSampled :

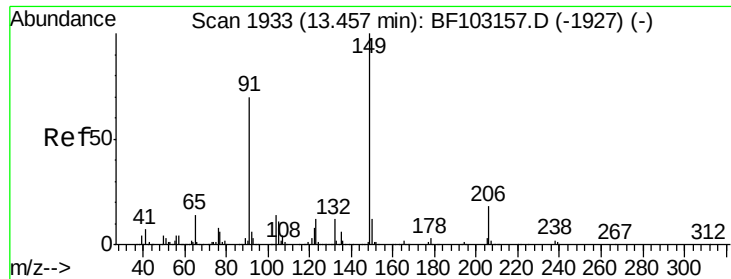
Tot Ion:202 Resp: 187684
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 16.5 14.3 21.5



#78
Terphenyl-d14
Concen: 76.368 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:244 Resp: 1453633
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.1 11.0 16.4

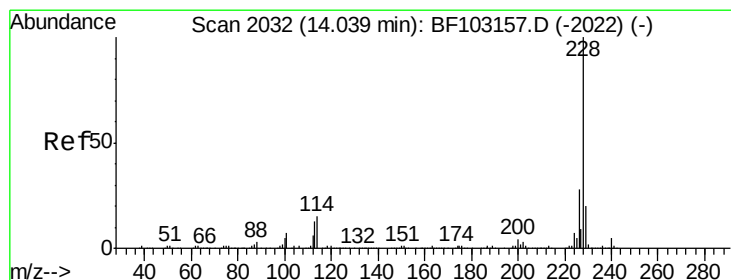
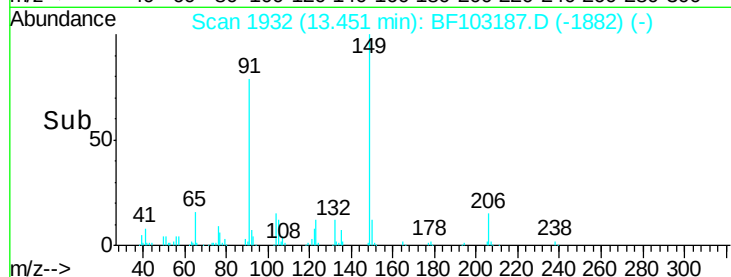
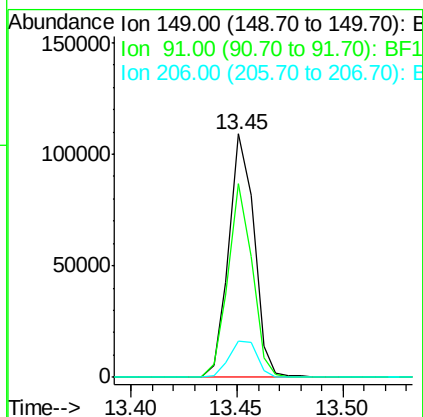
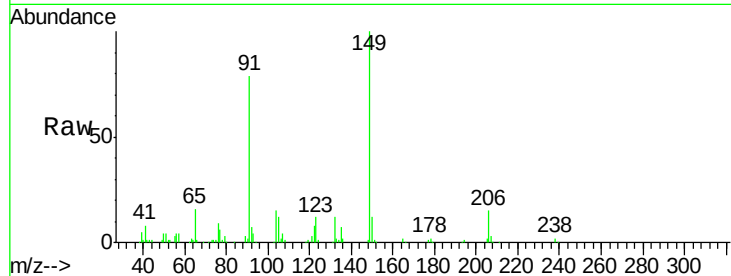




#79
Butylbenzylphthalate
Concen: 4.809 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

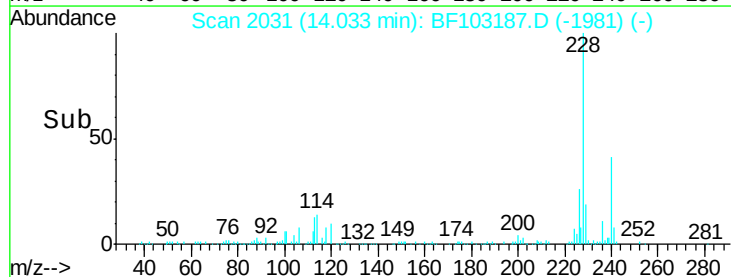
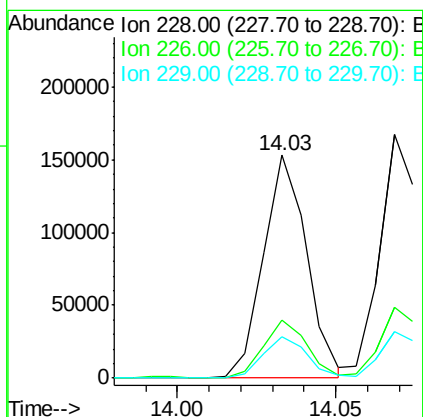
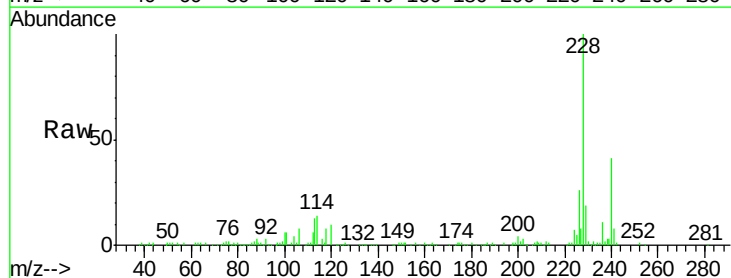
Instrument :
BNA_F
ClientSampled :

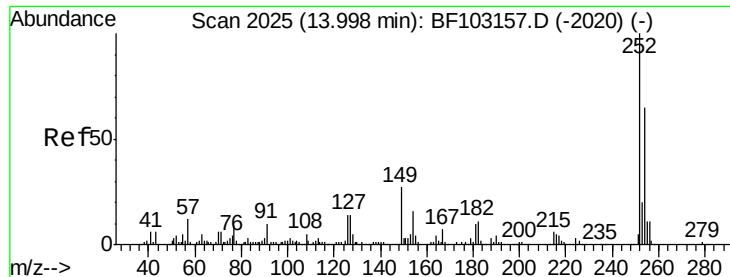
Tot Ion:149 Resp: 90645
Ion Ratio Lower Upper
149 100
91 79.5 56.8 85.2
206 15.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 4.914 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:228 Resp: 145889
Ion Ratio Lower Upper
228 100
226 26.2 22.6 33.8
229 18.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 4.823 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

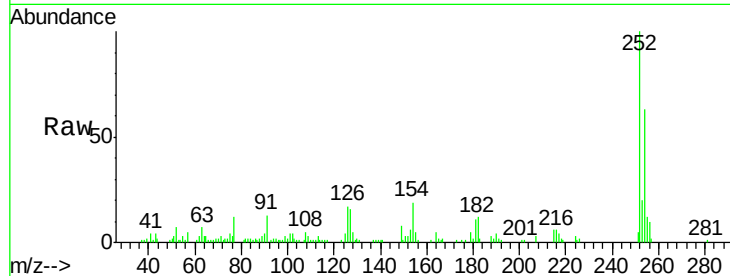
Tot Ion:252 Resp: 51106

Ion Ratio Lower Upper

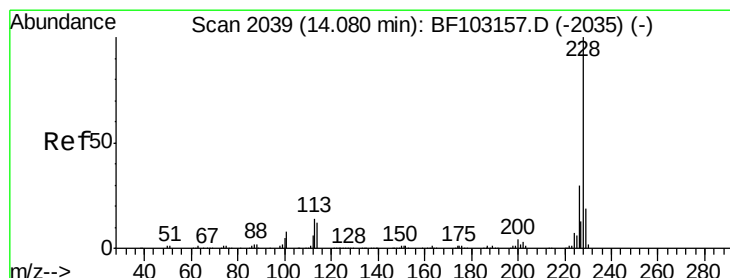
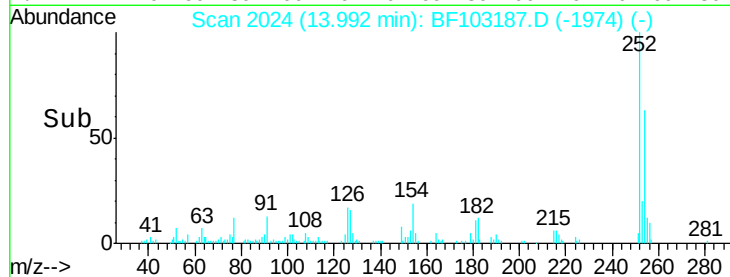
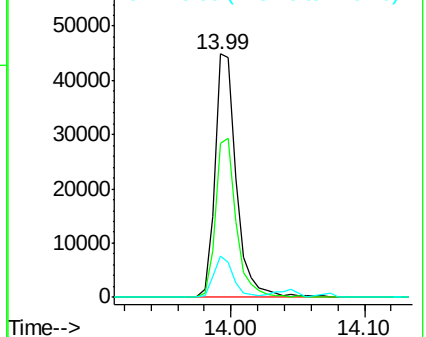
252 100

254 63.3 50.4 75.6

126 16.7 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: 5.204 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

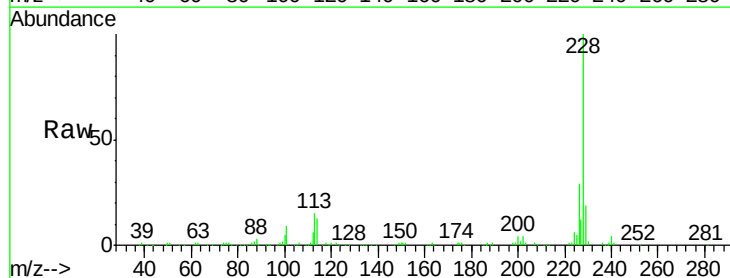
Tgt Ion:228 Resp: 150021

Ion Ratio Lower Upper

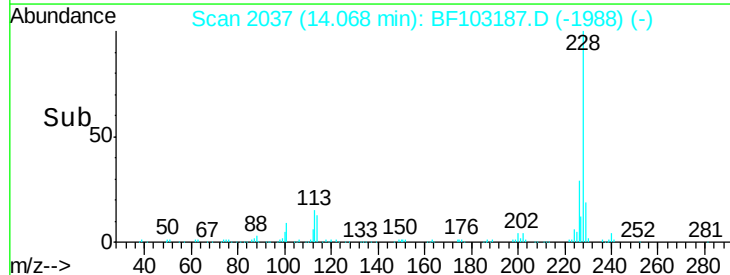
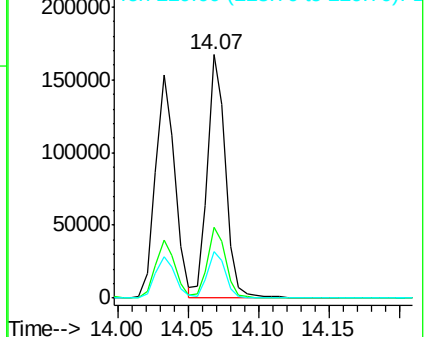
228 100

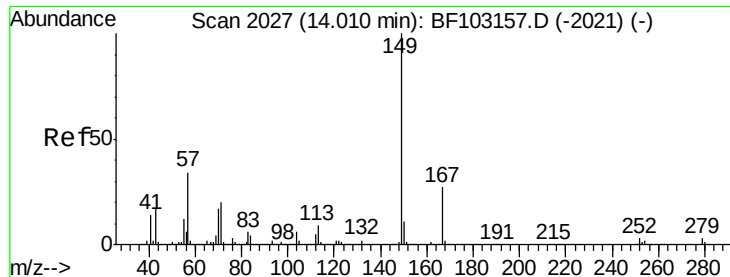
226 29.2 25.0 37.6

229 19.0 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: 5.252 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

Instrument :

BNA_F

ClientSampleId :

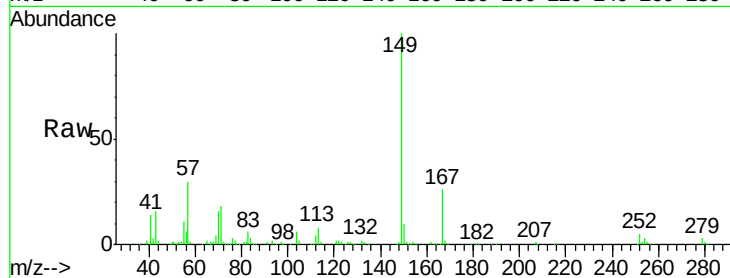
Tot Ion:149 Resp: 133584

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

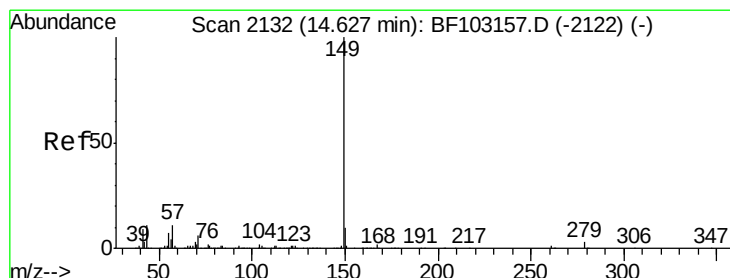
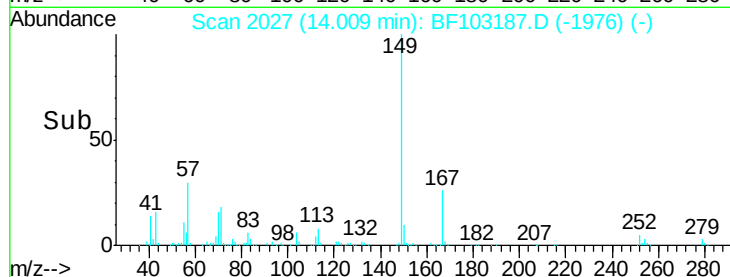
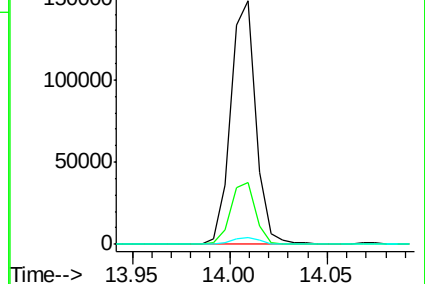
279 3.0 3.0 4.4



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: 4.885 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103187.D

Acq: 23 Feb 2018 9:46

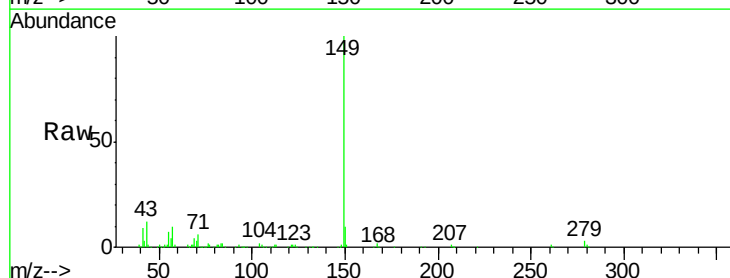
Tgt Ion:149 Resp: 200750

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

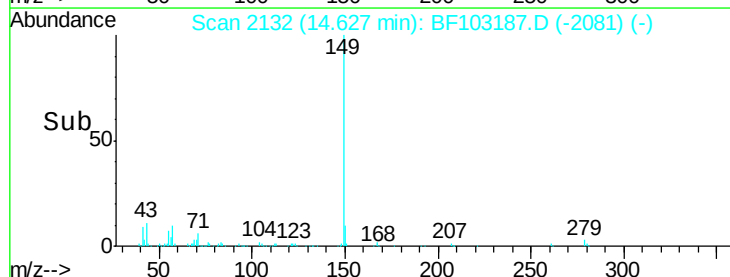
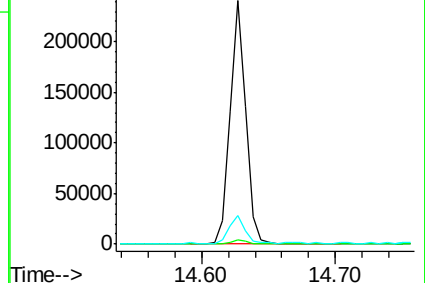
43 11.1 8.4 12.6

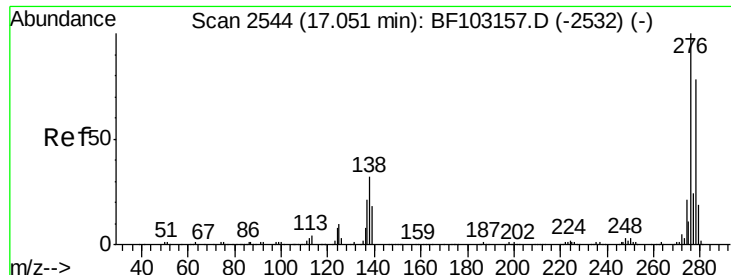


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

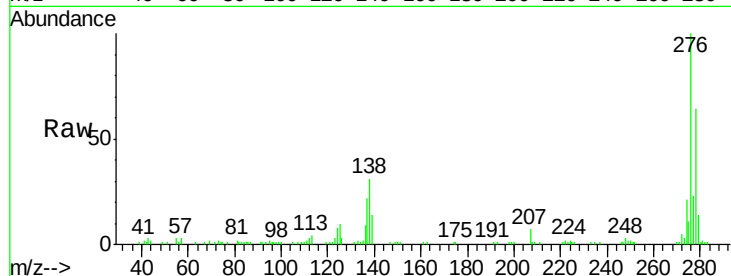




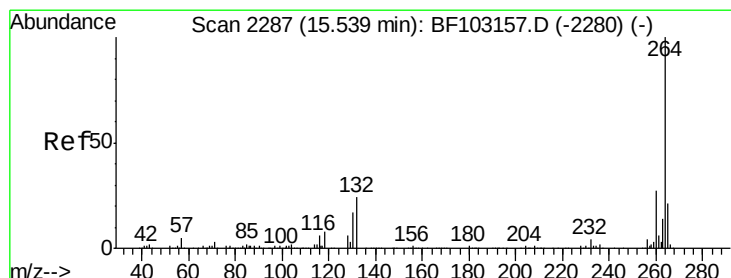
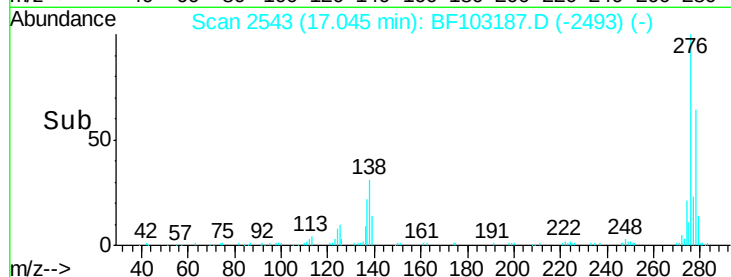
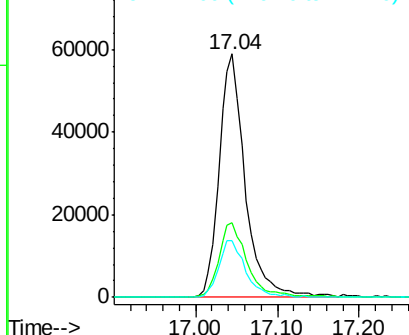
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.722 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	24.1	20.1	30.1

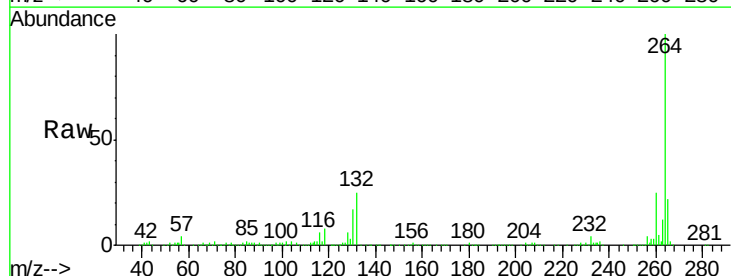


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

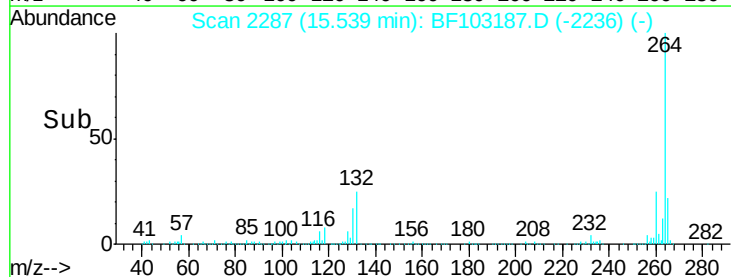
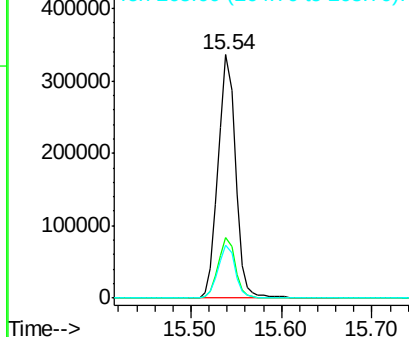


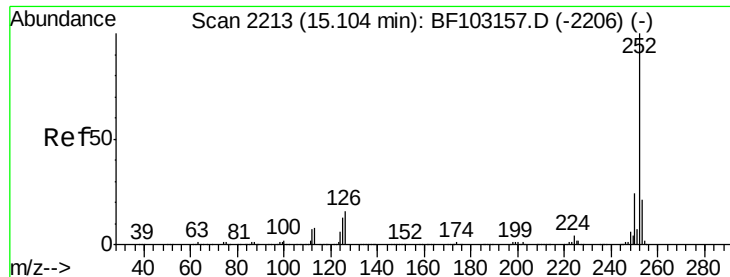
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	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

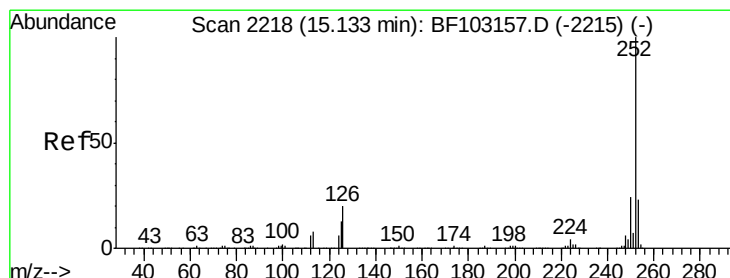
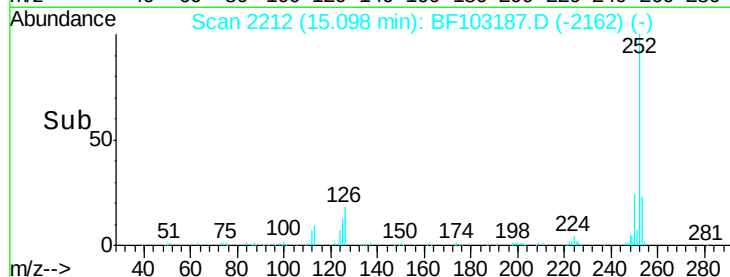
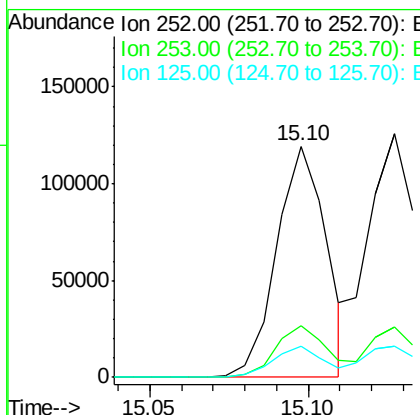
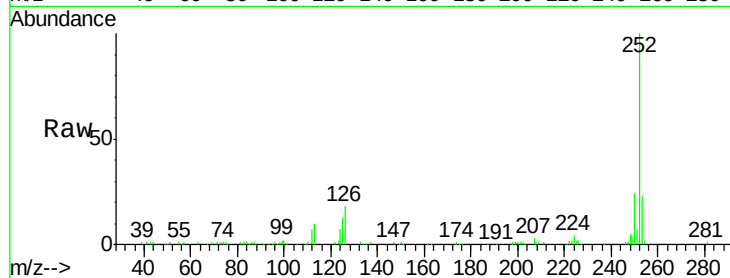




#87
Benzo(b)fluoranthene
Concen: 4.408 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

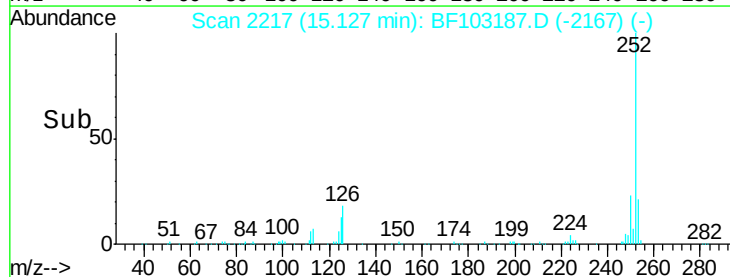
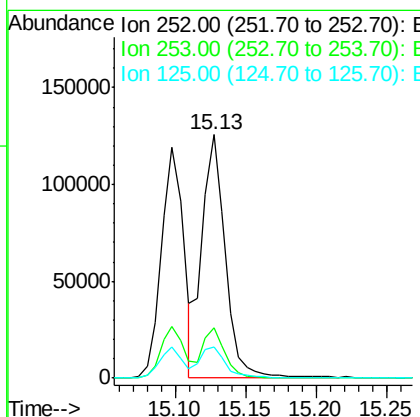
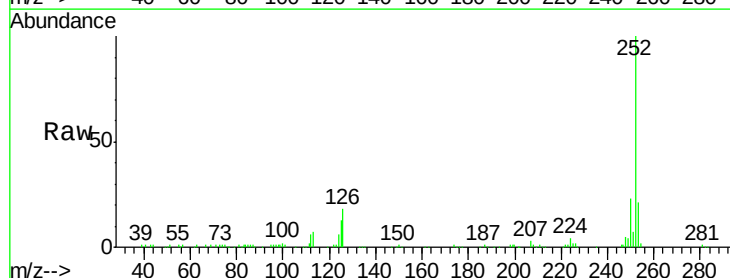
Instrument :
BNA_F
ClientSampleId :

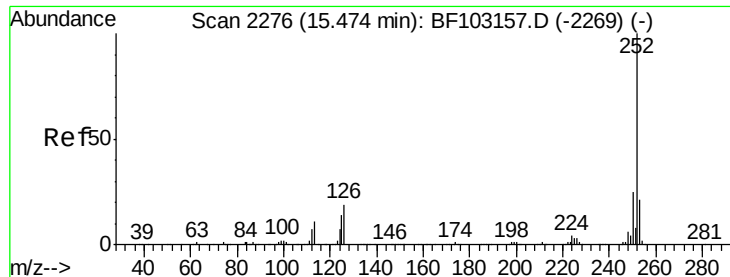
Tot Ion:252 Resp: 130071
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 5.168 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:252 Resp: 143595
Ion Ratio Lower Upper
252 100
253 20.8 17.9 26.9
125 12.7 10.2 15.2

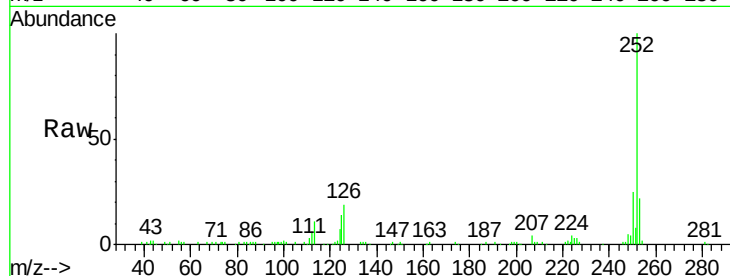




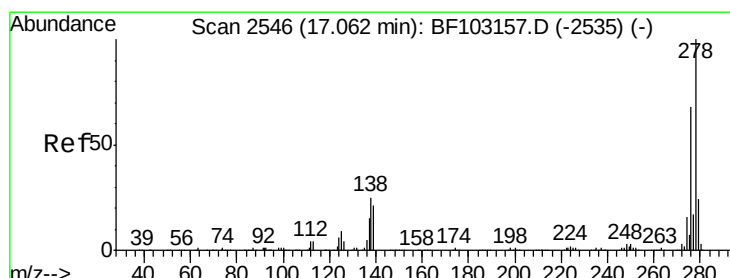
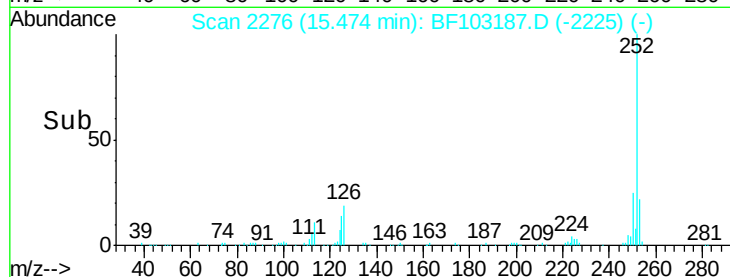
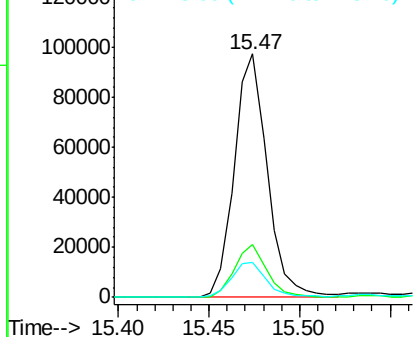
#89
Benzo(a)pyrene
Concen: 4.695 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 123709
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.2 9.8 14.6

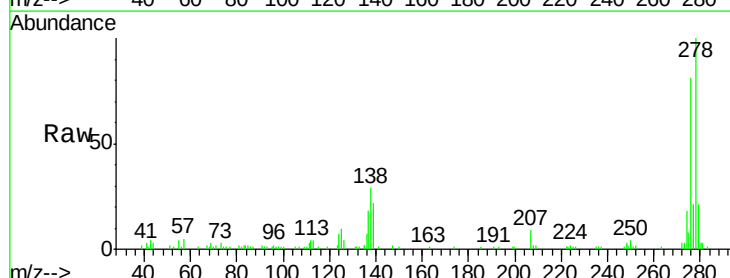


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

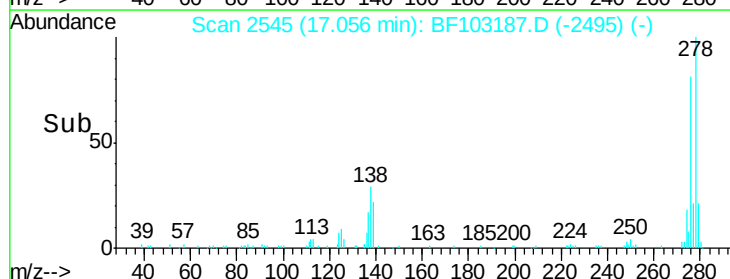
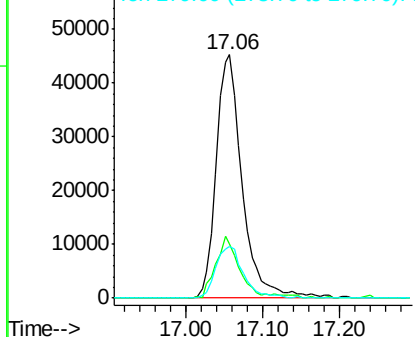


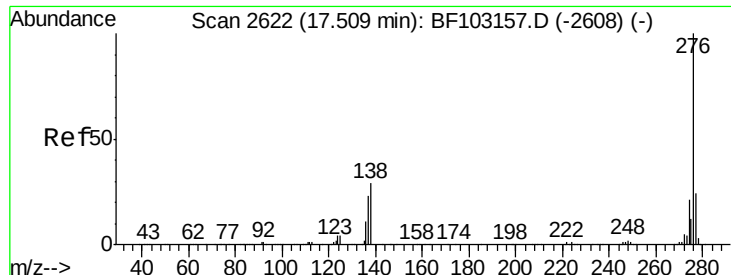
#90
Dibenzo(a,h)anthracene
Concen: 5.179 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103187.D
Acq: 23 Feb 2018 9:46

Tgt Ion:278 Resp: 105448
Ion Ratio Lower Upper
278 100
139 22.1 15.9 23.9
279 21.1 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

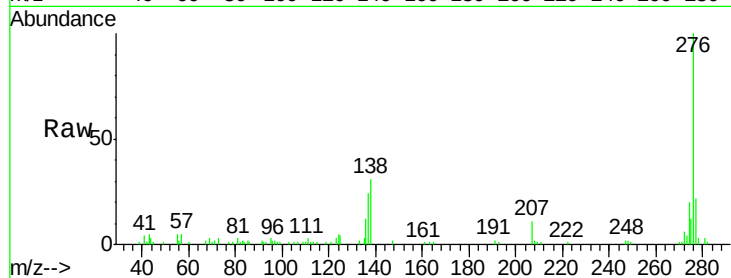




#91
 Benzo(a,h,i)perylene
 Concen: 5.349 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF103187.D
 Acq: 23 Feb 2018 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	30.7	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

