

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103587.D
 Acq On : 12 Mar 2018 17:41
 Operator : SJ/JU
 Sample : J1867-13MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:17:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117561	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	501352	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	228681	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	402592	20.00	ng	0.00
75) Chrysene-d12	14.06	240	296848	20.00	ng	0.00
86) Perylene-d12	15.56	264	285512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	586971	75.51	ng	0.00
7) Phenol-d6	6.51	99	493776	51.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	896791	102.15	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	254627	131.55	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1278914	100.59	ng	0.00
78) Terphenyl-d14	12.99	244	1211890	98.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	72726	17.715	ng	94
3) Pyridine	3.52	79	66980	6.111	ng	96
4) n-Nitrosodimethylamine	3.46	42	65804	14.887	ng	# 80
6) Aniline	6.53	93	241009	17.557	ng	# 64
8) 2-Chlorophenol	6.65	128	341770	42.325	ng	92
9) Benzaldehyde	6.42	77	218780	37.032	ng	98
10) Phenol	6.53	94	186387	16.880	ng	# 44
11) bis(2-Chloroethyl)ether	6.59	93	375666	44.827	ng	93
12) 1,3-Dichlorobenzene	6.80	146	376368	40.786	ng	97
13) 1,4-Dichlorobenzene	6.87	146	402510	43.507	ng	99
14) 1,2-Dichlorobenzene	7.03	146	346472	40.615	ng	100
15) Benzyl Alcohol	7.02	79	219918	30.683	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	667916	46.413	ng	64
17) 2-Methylphenol	7.13	107	245356	33.436	ng	# 72
18) Hexachloroethane	7.36	117	139744	41.492	ng	# 88
19) n-Nitroso-di-n-propylamine	7.27	70	312798	52.841	ng	92
20) 3+4-Methylphenols	7.29	107	306156	34.226	ng	# 67
22) Acetophenone	7.27	105	569758	48.687	ng	# 95
24) Nitrobenzene	7.45	77	458281	47.414	ng	97
25) Isophorone	7.68	82	872509	50.463	ng	97
26) 2-Nitrophenol	7.76	139	225952	49.657	ng	91
27) 2,4-Dimethylphenol	7.80	122	342508	49.245	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	527447	51.885	ng	99
29) 2,4-Dichlorophenol	8.02	162	324420	48.719	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	303470	42.796	ng	97
31) Naphthalene	8.16	128	1144280	46.619	ng	99
32) Benzoic acid	7.93	122	52741	15.663	ng	94
33) 4-Chloroaniline	8.23	127	171979	16.237	ng	97
34) Hexachlorobutadiene	8.27	225	142399	38.563	ng	98
35) Caprolactam	8.60	113	58013	24.789	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	352668	46.955	ng	98
37) 2-Methylnaphthalene	8.86	142	746808	47.078	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	284106	45.445	ng	99
40) Hexachlorocyclopentadiene	9.00	237	90566	45.418	ng	95

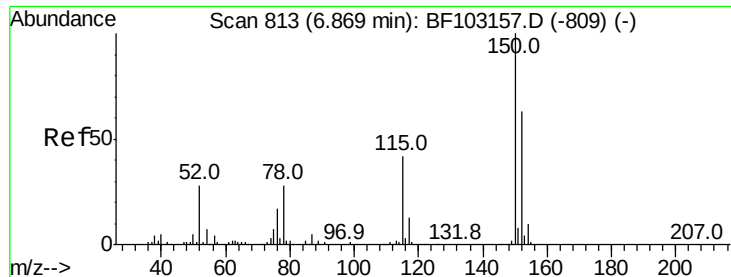
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103587.D
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 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	192098	45.666	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	197970	40.918	ng	98
45) 1,1'-Biphenyl	9.32	154	844865	44.090	ng	99
46) 2-Chloronaphthalene	9.35	162	683871	45.110	ng	98
47) 2-Nitroaniline	9.46	65	288130	51.309	ng	89
48) Acenaphthylene	9.76	152	998198	42.795	ng	98
49) Dimethylphthalate	9.62	163	833197	45.418	ng	100
50) 2,6-Dinitrotoluene	9.70	165	179469	46.618	ng	# 74
51) Acenaphthene	9.93	154	614986	45.216	ng	100
52) 3-Nitroaniline	9.88	138	112085	22.948	ng	97
53) 2,4-Dinitrophenol	10.00	184	115193	82.496	ng	# 17
54) Dibenzofuran	10.11	168	907157	48.587	ng	95
55) 4-Nitrophenol	10.07	139	37073	12.247	ng	# 83
56) 2,4-Dinitrotoluene	10.12	165	233979	48.055	ng	# 81
57) Fluorene	10.46	166	754459	47.435	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	149041	45.857	ng	97
59) Diethylphthalate	10.32	149	822780	46.894	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	315703	46.807	ng	98
61) 4-Nitroaniline	10.50	138	212296	43.516	ng	97
62) Azobenzene	10.60	77	816460	45.716	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	93376	39.137	ng	95
65) n-Nitrosodiphenylamine	10.56	169	624918	44.581	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	188941	45.052	ng	91
67) Hexachlorobenzene	11.01	284	203206	44.641	ng	# 90
68) Atrazine	11.09	200	196649	46.674	ng	97
69) Pentachlorophenol	11.21	266	135722	61.665	ng	97
70) Phenanthrene	11.43	178	1013937	45.764	ng	99
71) Anthracene	11.48	178	1068894	47.048	ng	100
72) Carbazole	11.64	167	1068123	47.210	ng	98
73) Di-n-butylphthalate	11.94	149	1289291	45.541	ng	100
74) Fluoranthene	12.62	202	1064600	47.817	ng	99
76) Benzidine	12.74	184	255027	22.980	ng	99
77) Pyrene	12.85	202	1078048	46.580	ng	99
79) Butylbenzylphthalate	13.45	149	585940	47.918	ng	100
80) Benzo(a)anthracene	14.05	228	927456	48.153	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	178572	25.979	ng	96
82) Chrysene	14.09	228	915831	48.971	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	733634	44.459	ng	# 98
84) Di-n-octyl phthalate	14.62	149	1328104	49.815	ng	100
85) Indeno(1,2,3-cd)pyrene	17.12	276	783262	52.903	ng	97
87) Benzo(b)fluoranthene	15.12	252	908217	48.381	ng	# 96
88) Benzo(k)fluoranthene	15.15	252	770106	43.565	ng	98
89) Benzo(a)pyrene	15.50	252	795034	47.426	ng	# 96
90) Dibenzo(a,h)anthracene	17.12	278	652225	50.352	ng	98
91) Benzo(g,h,i)perylene	17.59	276	685855	54.175	ng	98

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

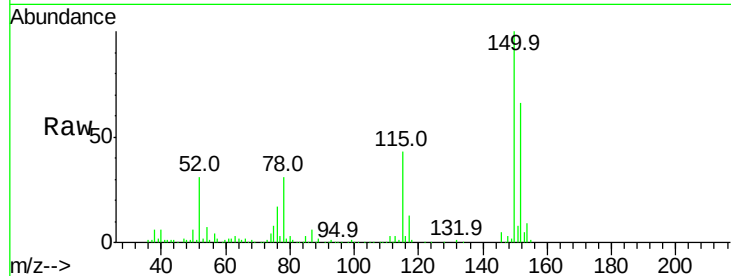


#1

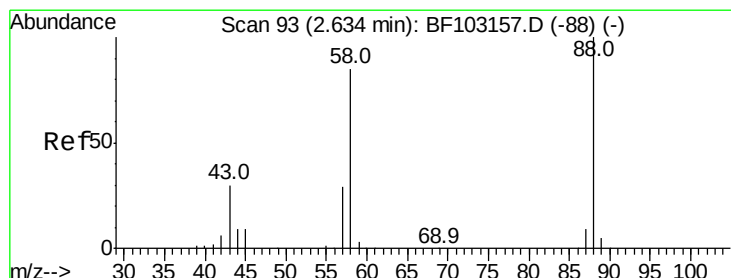
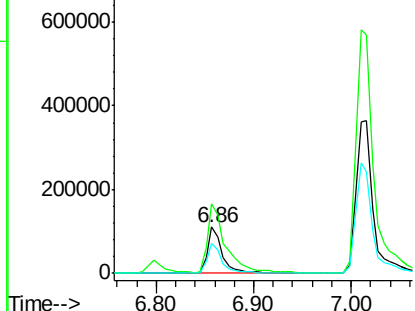
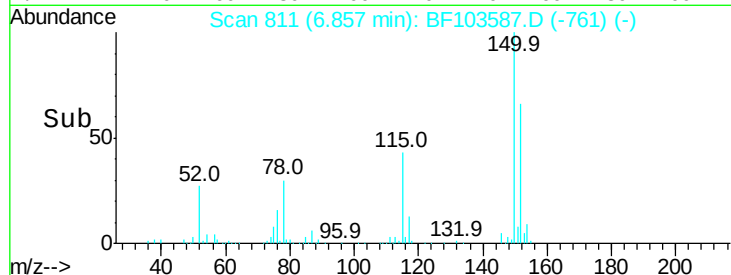
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117561
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 64.7 50.1 75.1



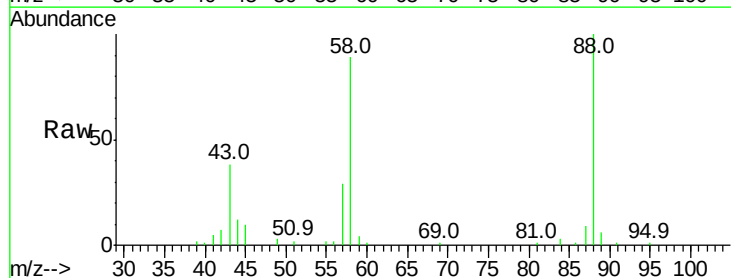
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



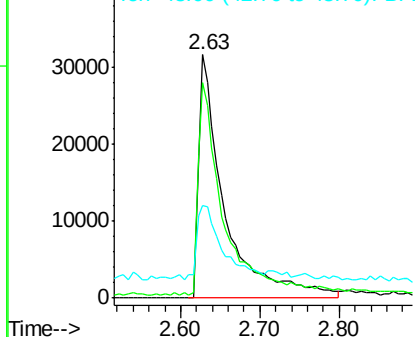
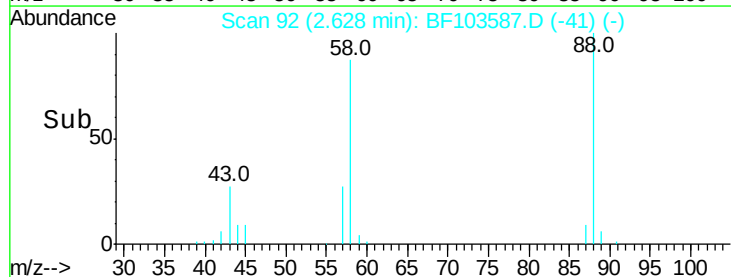
#2

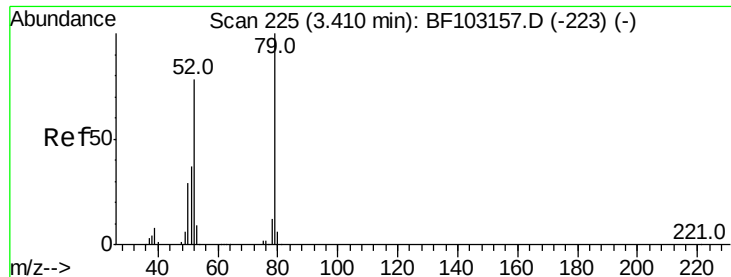
1,4-Dioxane
Concen: 17.715 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion: 88 Resp: 72726
Ion Ratio Lower Upper
88 100
58 84.3 62.6 93.8
43 29.4 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: 6.111 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

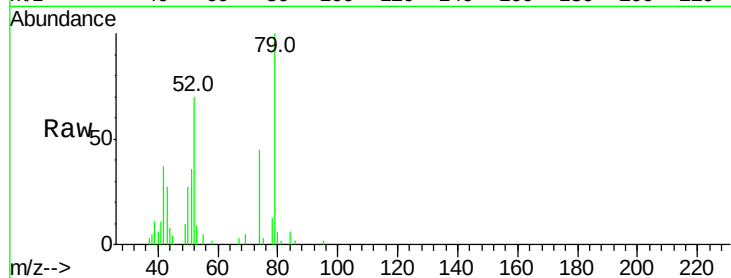
Tot Ion: 79 Resp: 66980

Ion Ratio Lower Upper

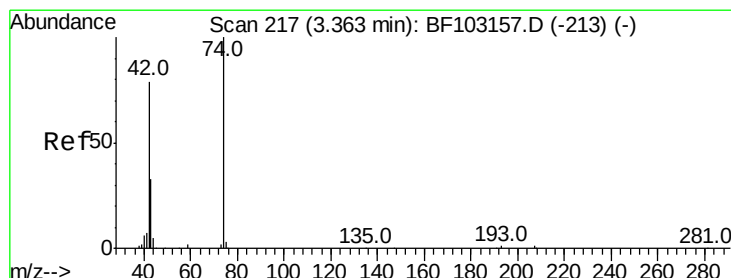
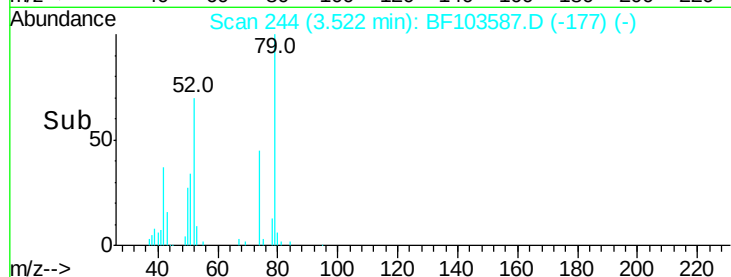
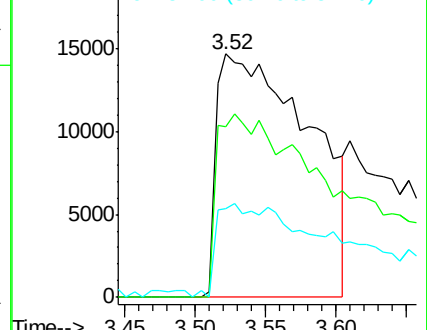
79 100

52 70.0 59.8 89.6

51 36.4 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 14.887 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.07 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

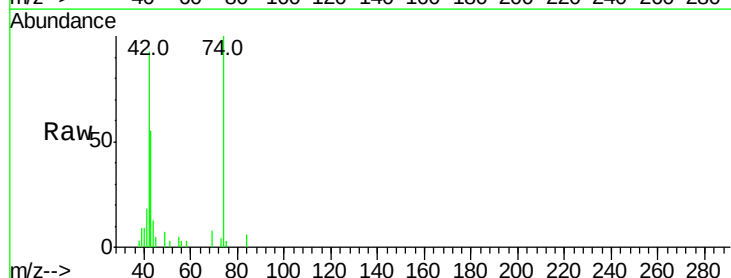
Tgt Ion: 42 Resp: 65804

Ion Ratio Lower Upper

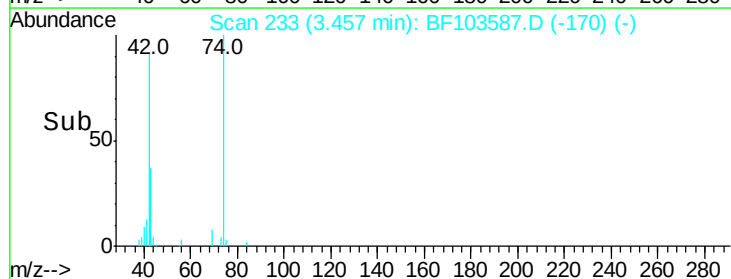
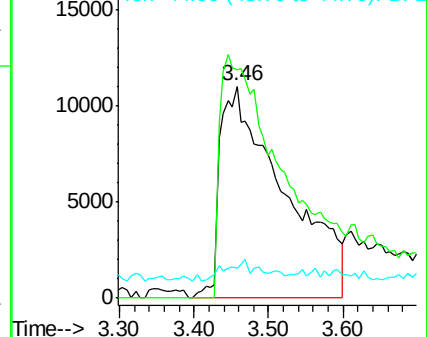
42 100

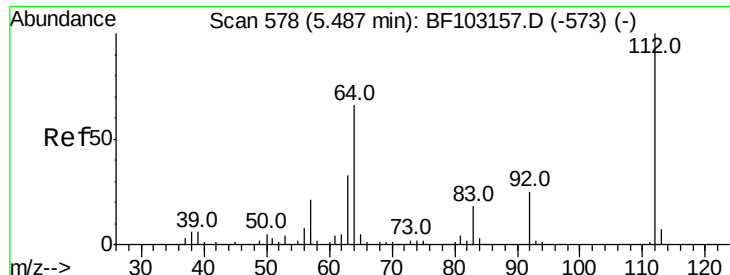
74 107.4 104.9 157.3

44 14.1 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 75.514 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampleId :

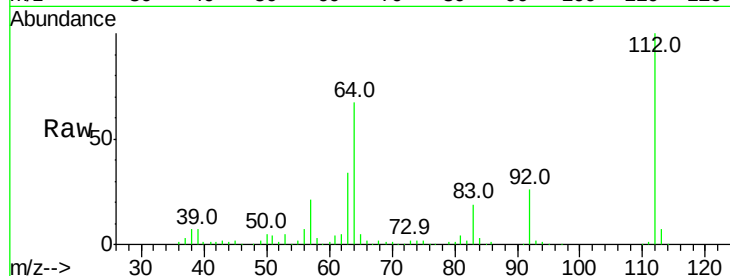
Tot Ion:112 Resp: 586971

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

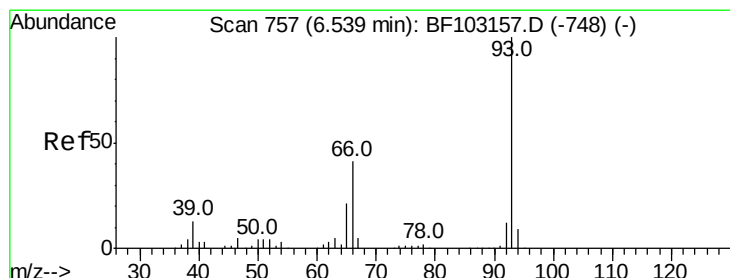
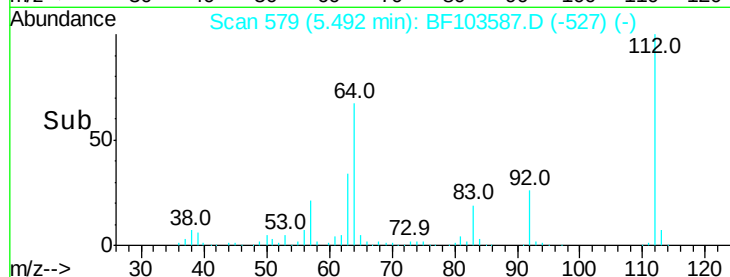
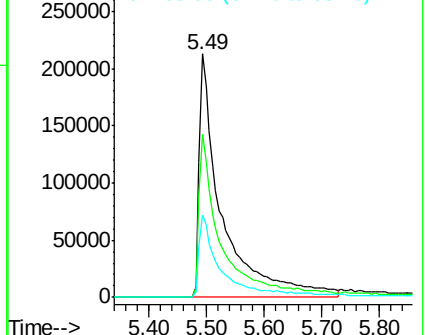
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.557 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

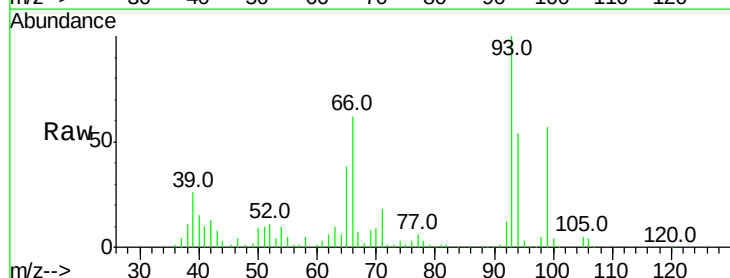
Tgt Ion: 93 Resp: 241009

Ion Ratio Lower Upper

93 100

66 61.7 32.2 48.2#

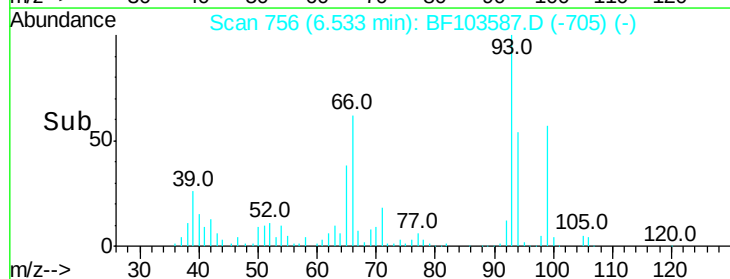
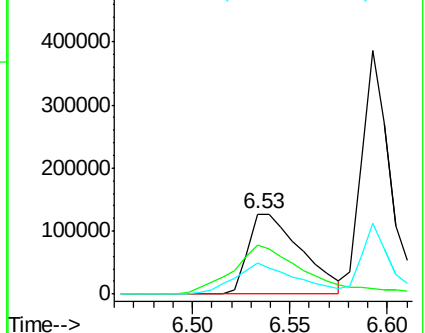
65 38.2 16.4 24.6#

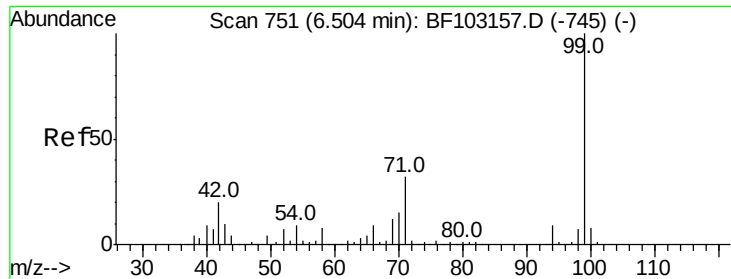


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.914 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

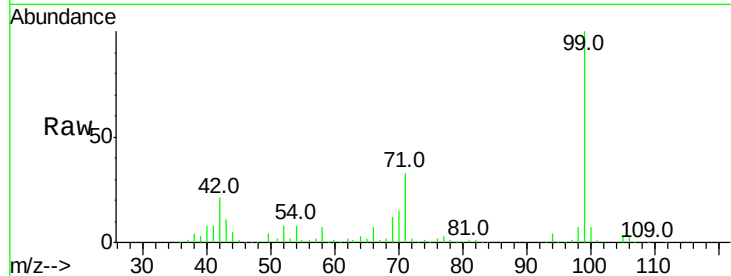
Tot Ion: 99 Resp: 493776

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

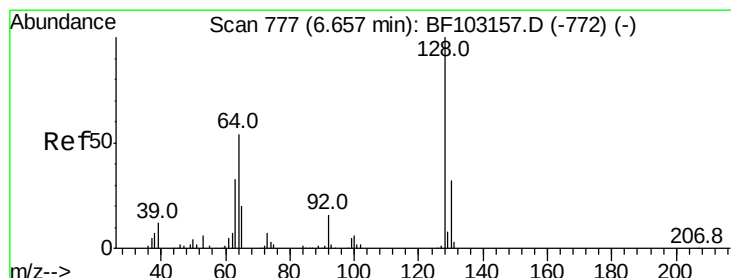
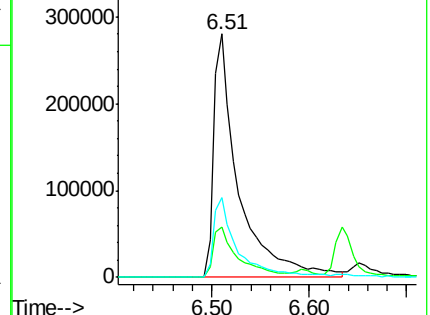
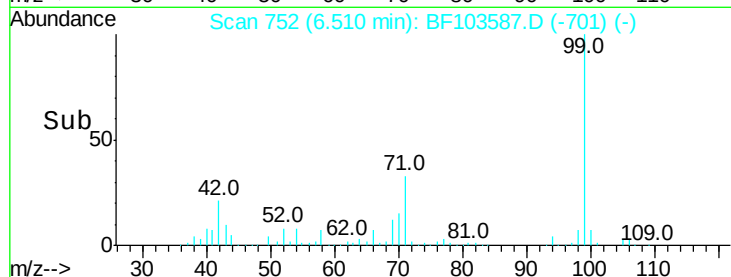
71 32.8 25.4 38.0



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: 42.325 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

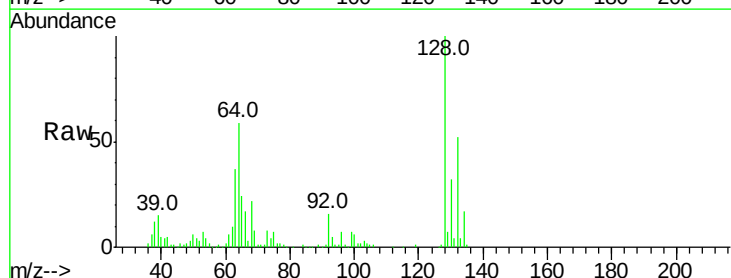
Tgt Ion: 128 Resp: 341770

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

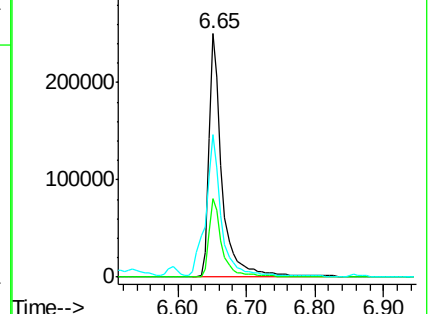
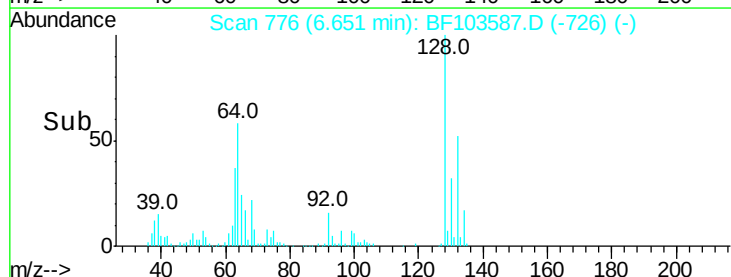
64 58.6 29.4 69.4

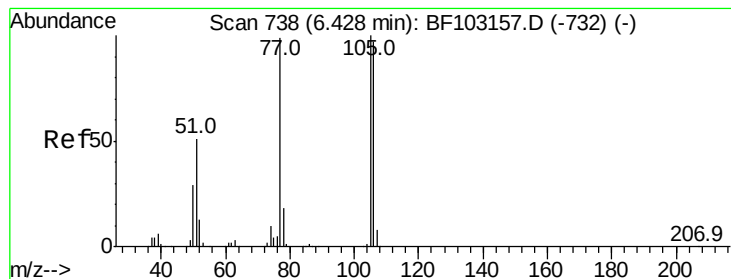


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.032 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

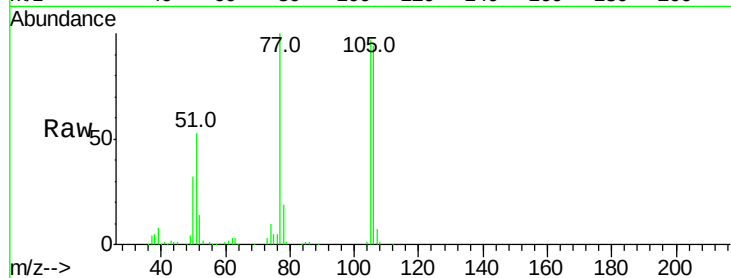
Tot Ion: 77 Resp: 218780

Ion Ratio Lower Upper

77 100

105 97.3 81.1 121.1

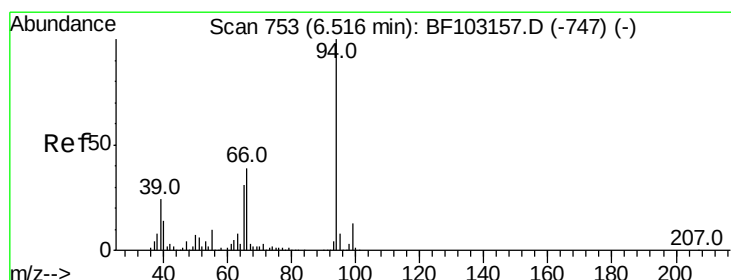
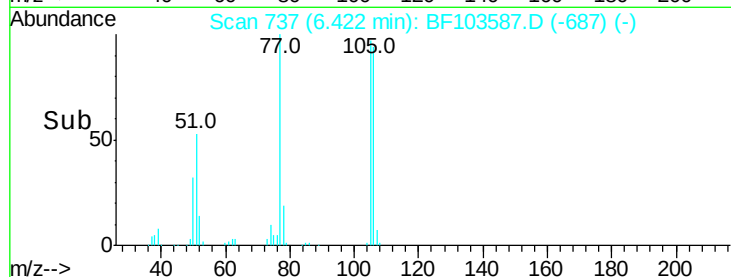
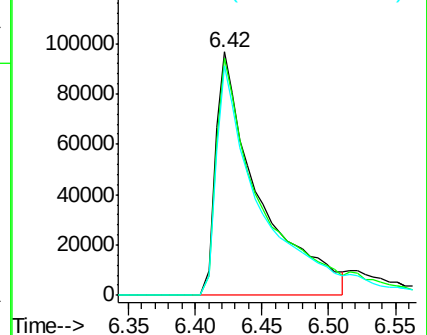
106 94.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 16.880 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

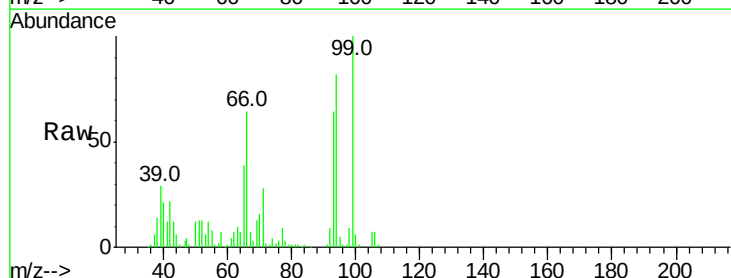
Tgt Ion: 94 Resp: 186387

Ion Ratio Lower Upper

94 100

65 47.0 7.9 47.9

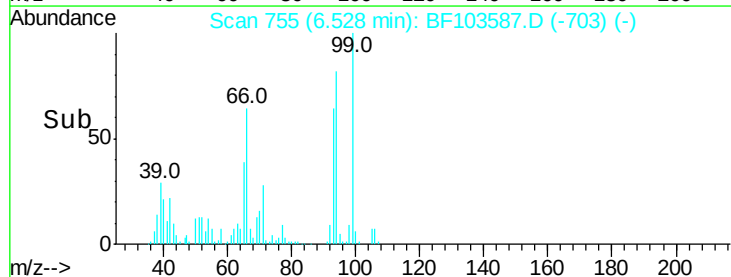
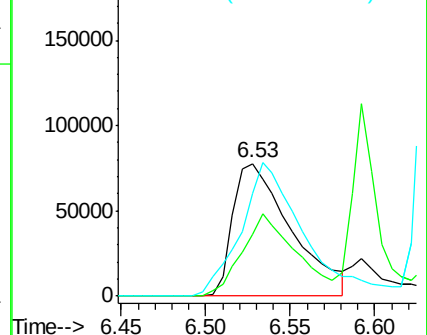
66 77.6 16.2 56.2#

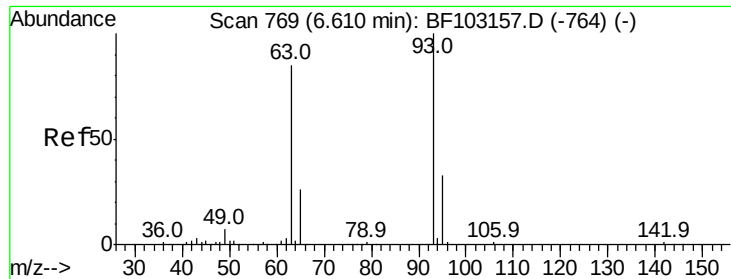


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

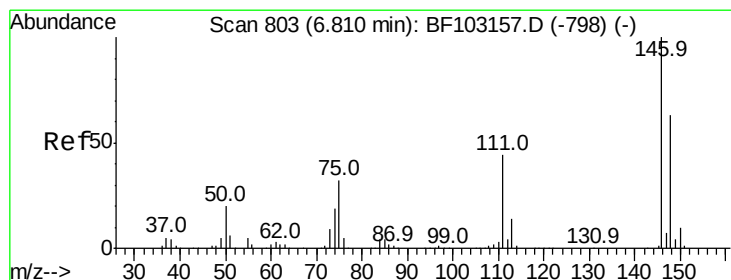
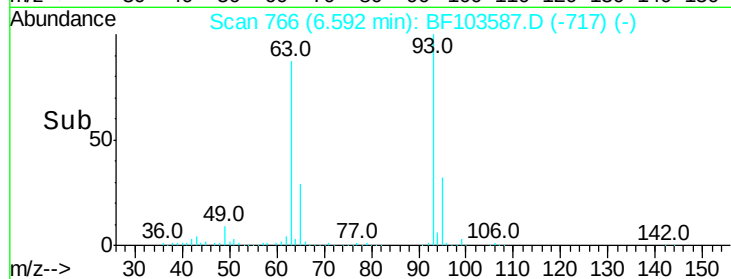
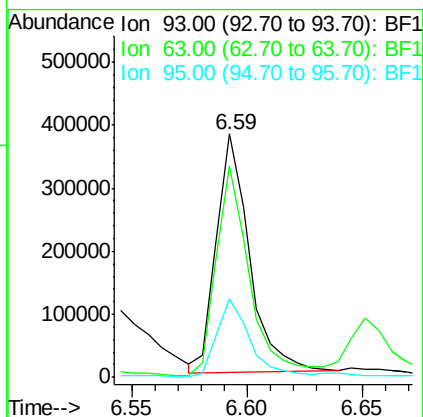
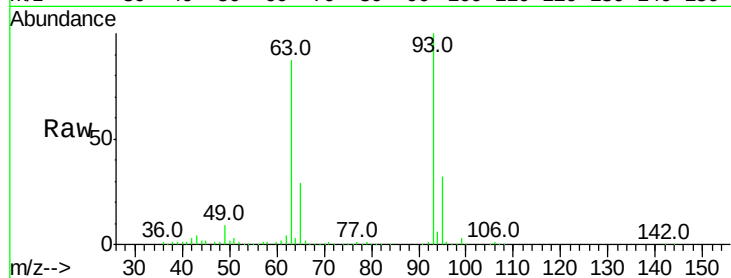




#11
 bis(2-Chloroethyl)ether
 Concen: 44.827 ng
 RT: 6.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

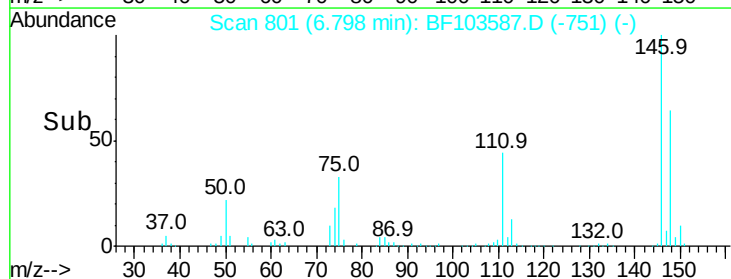
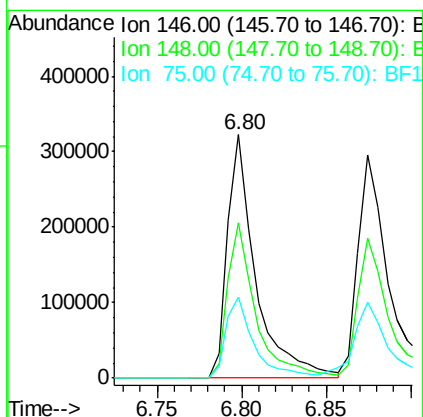
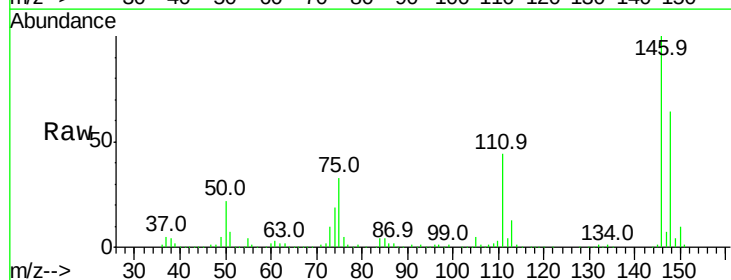
Instrument :
 BNA_F
 ClientSampleId :

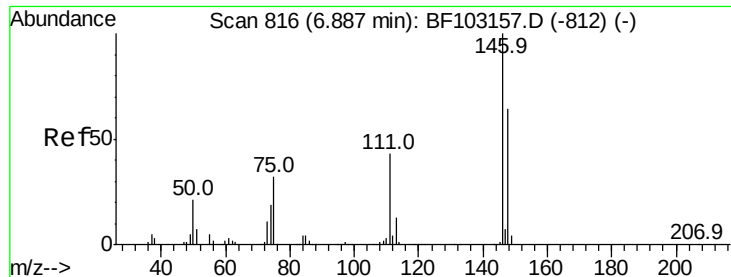
Tot Ion:	93	Resp:	375666
Ion	Ratio	Lower	Upper
93	100		
63	86.7	58.6	98.6
95	32.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.786 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:	146	Resp:	376368
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	33.4	24.2	36.4

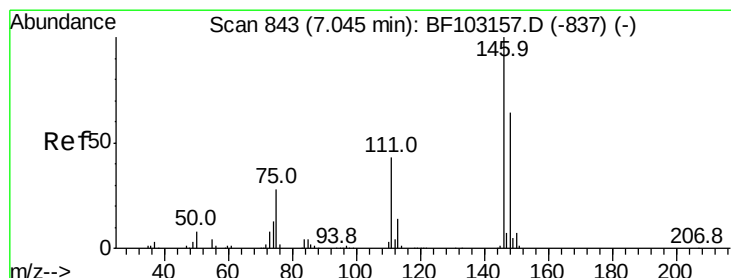
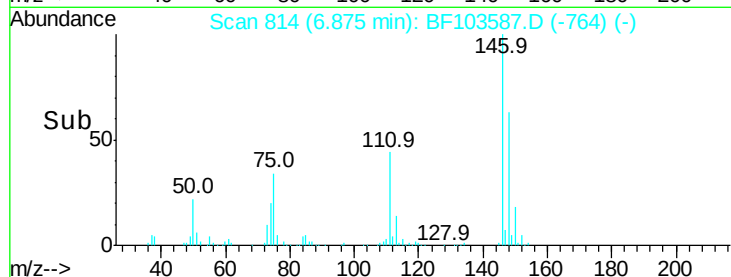
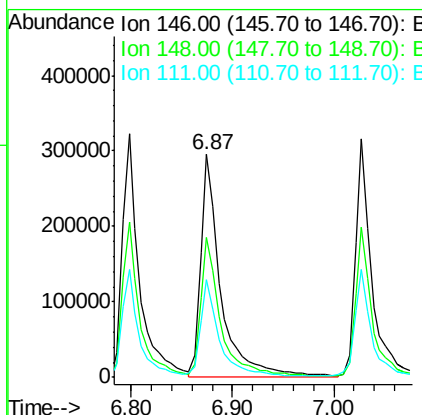
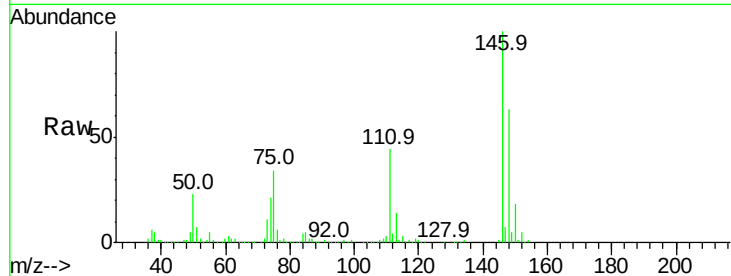




#13
1,4-Dichlorobenzene
Concen: 43.507 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

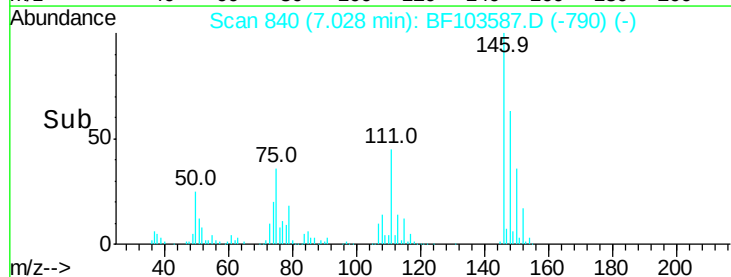
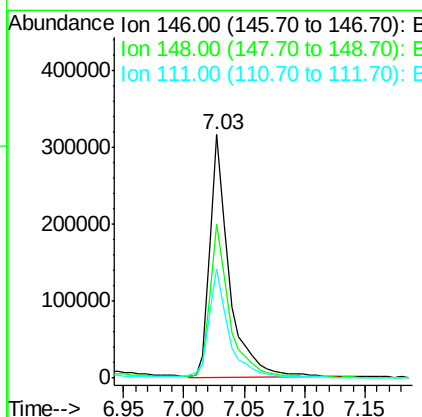
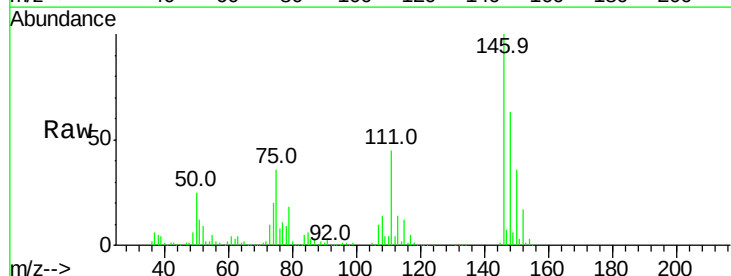
Instrument :
BNA_F
ClientSampled :

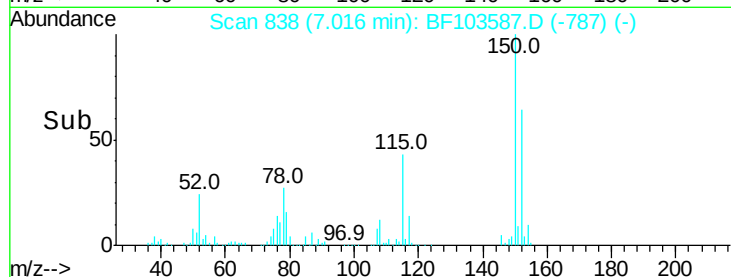
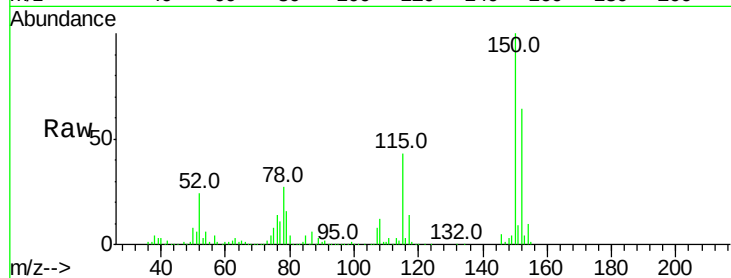
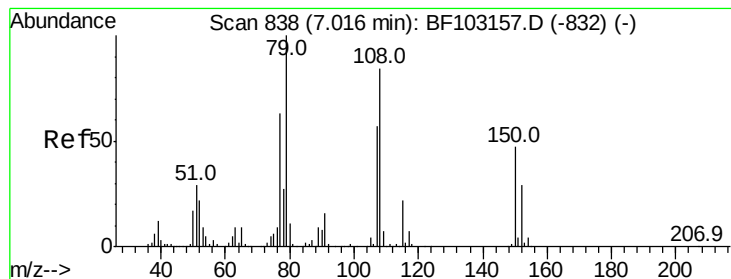
Tot Ion:146 Resp: 402510
Ion Ratio Lower Upper
146 100
148 62.8 50.8 76.2
111 43.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 40.615 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:146 Resp: 346472
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
111 44.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 30.683 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

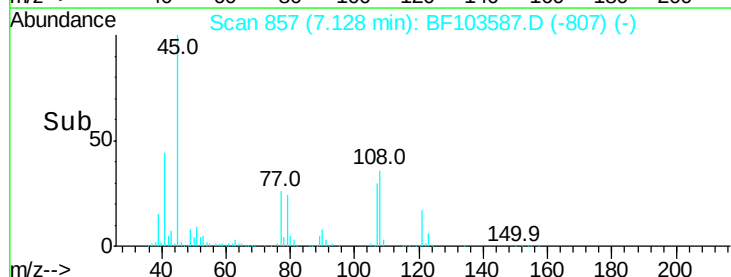
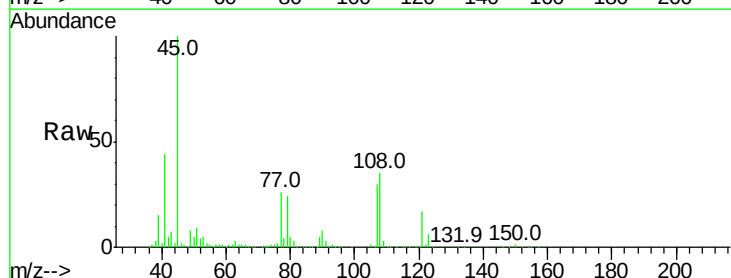
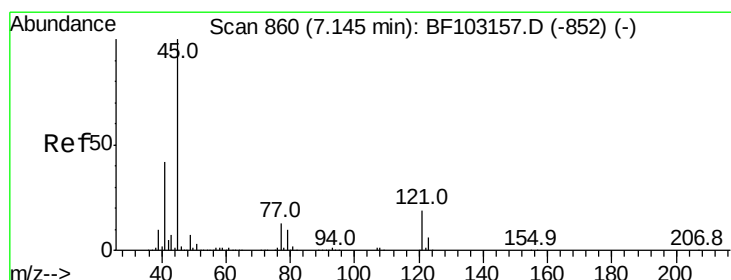
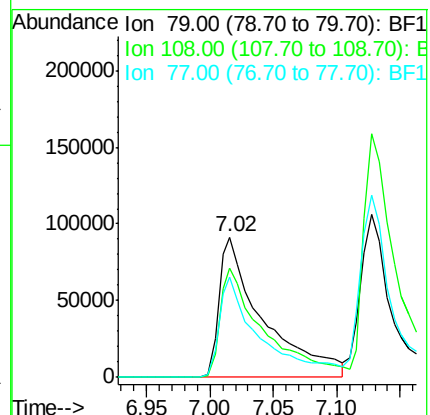
Tot Ion: 79 Resp: 219918

Ion Ratio Lower Upper

79 100

108 77.4 65.1 97.7

77 71.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.413 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

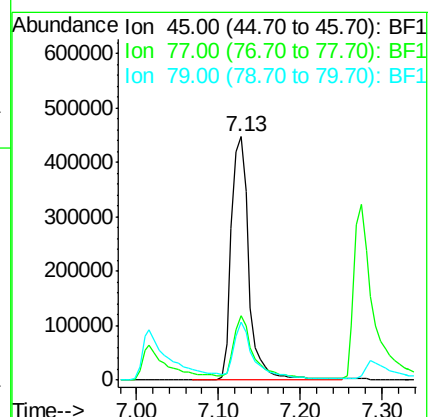
Tgt Ion: 45 Resp: 667916

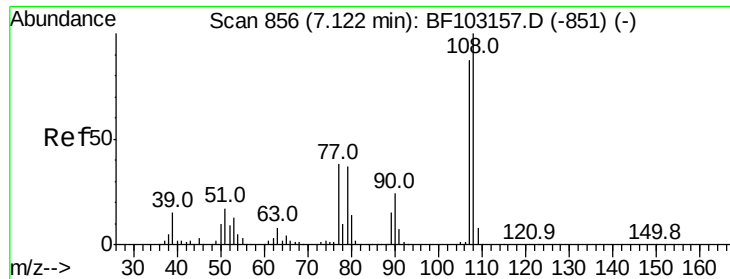
Ion Ratio Lower Upper

45 100

77 26.5 0.0 32.9

79 23.7 0.0 29.6





#17

2-Methylphenol

Concen: 33.436 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 245356

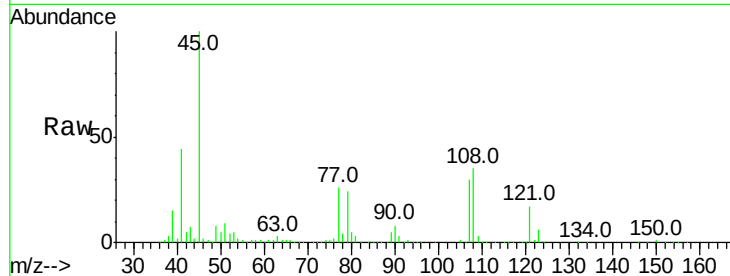
Ion Ratio Lower Upper

107 100

108 117.0 91.7 137.5

77 87.3 33.8 50.8#

79 78.1 33.8 50.8#

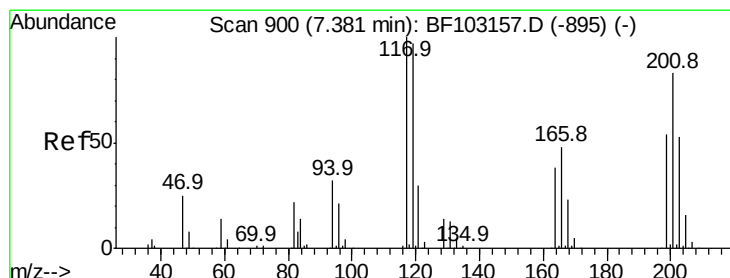
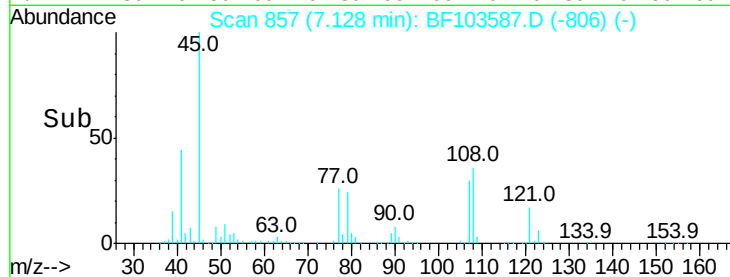
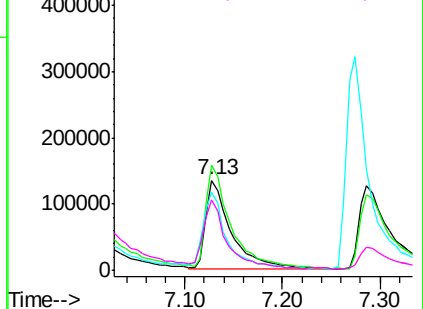


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.492 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

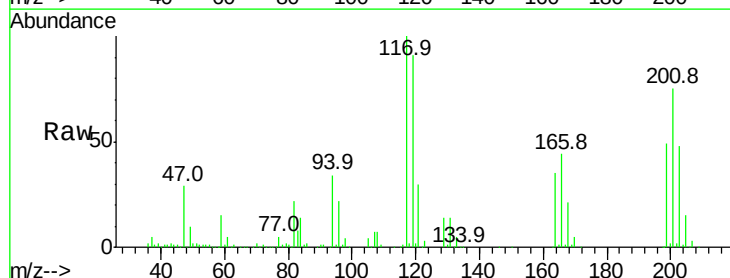
Tgt Ion:117 Resp: 139744

Ion Ratio Lower Upper

117 100

119 91.2 75.8 113.8

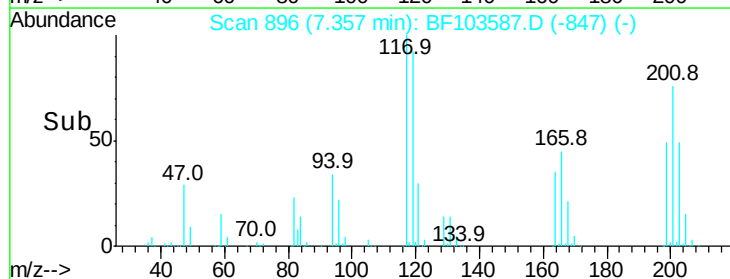
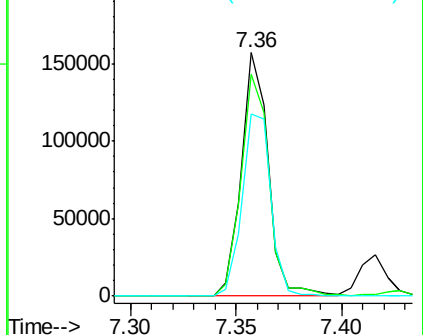
201 75.0 75.7 113.5#

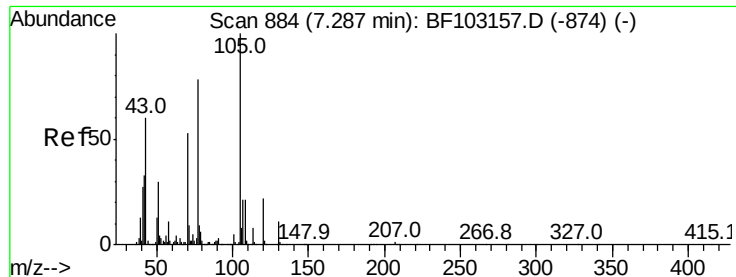


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

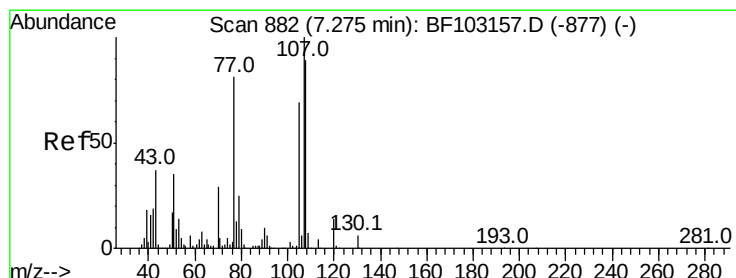
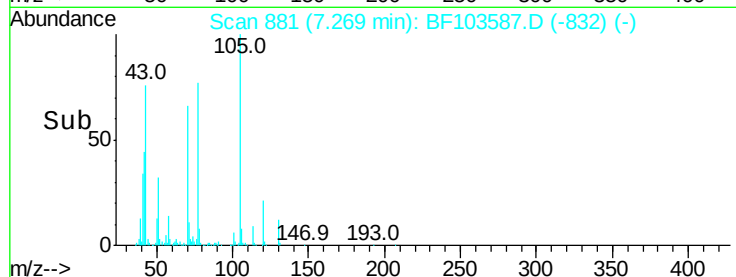
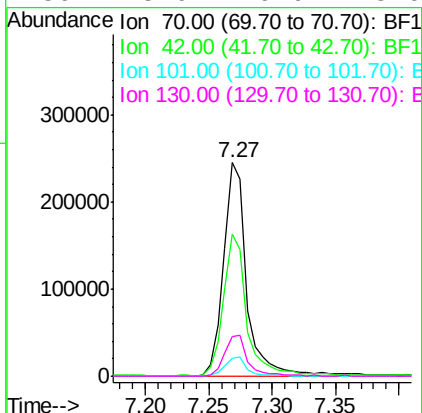
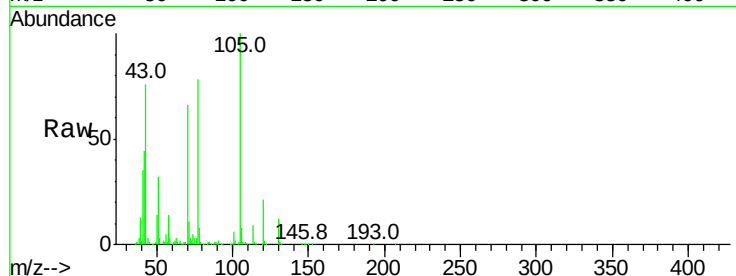




#19
n-Nitroso-di-n-propylamine
Concen: 52.841 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

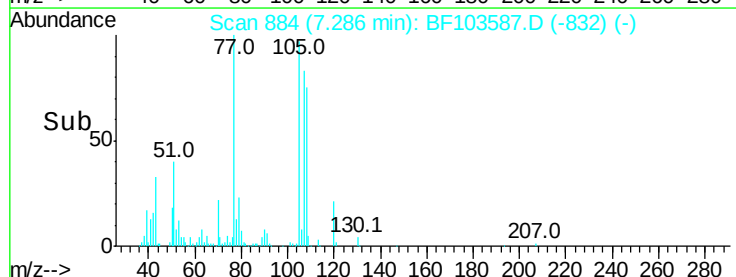
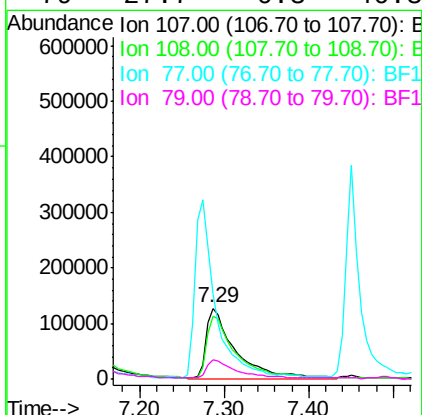
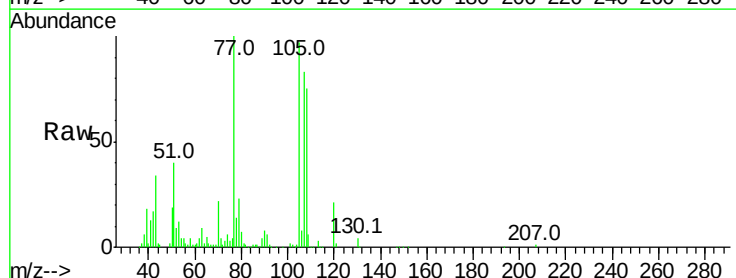
Instrument :
BNA_F
ClientSampleId :

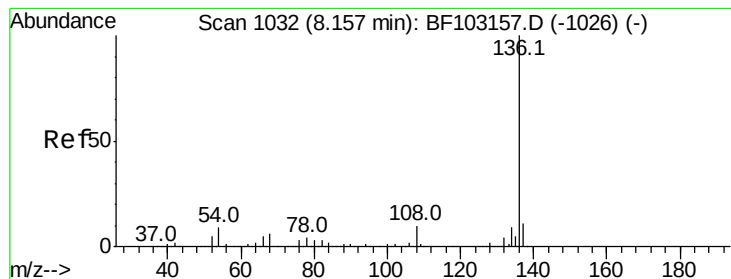
Tot Ion:	70	Resp:	312798
Ion	Ratio	Lower	Upper
70	100		
42	66.8	47.5	71.3
101	8.6	7.4	11.2
130	18.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.226 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:	107	Resp:	306156
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	120.3	26.7	66.7#
79	27.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 501352

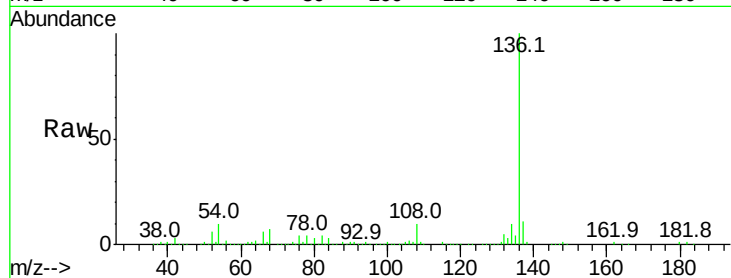
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.3 6.6 9.8#

68 7.0 5.0 7.4

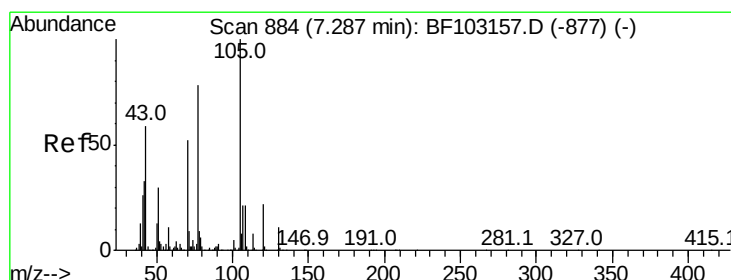
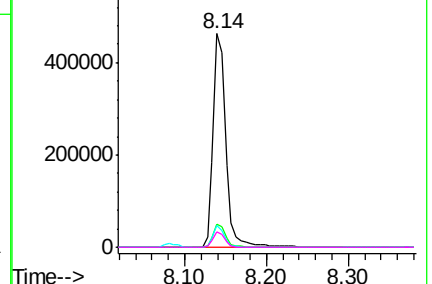
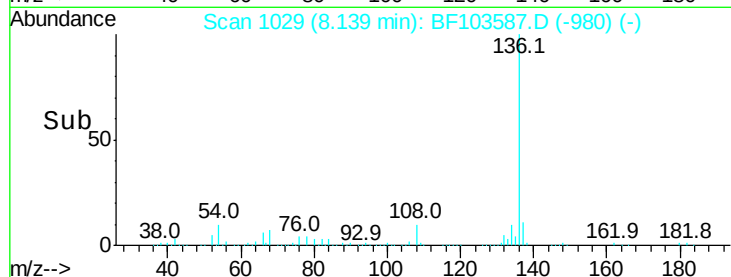


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.687 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Tgt Ion:105 Resp: 569758

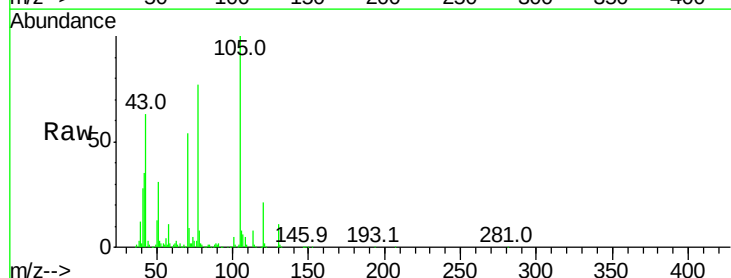
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 31.3 22.3 33.5

120 21.3 16.9 25.3

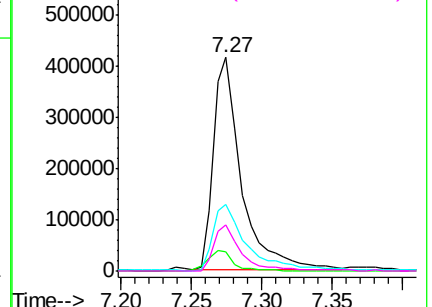
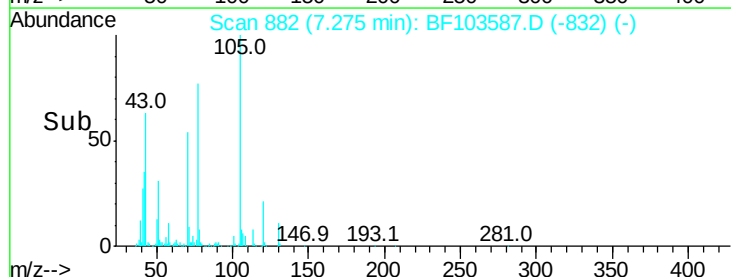


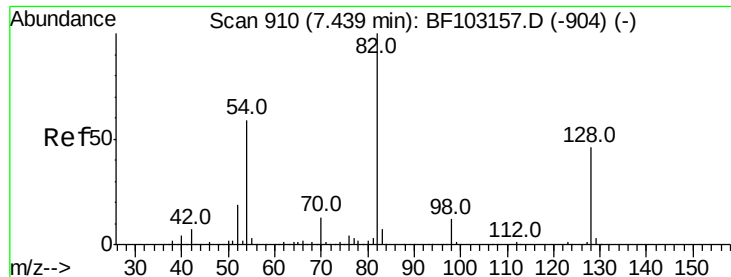
Abundance Ion 105.00 (104.70 to 105.70): E

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

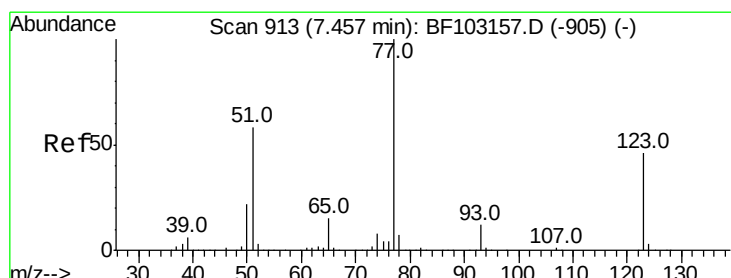
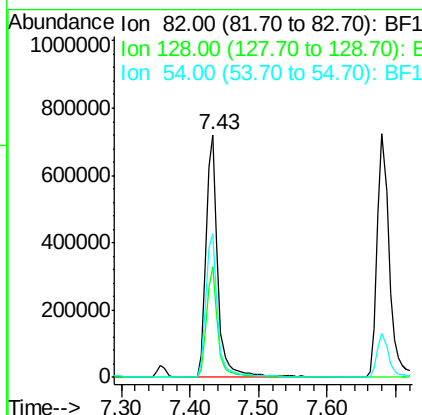
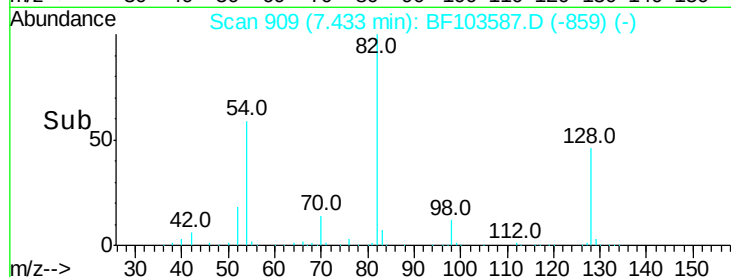
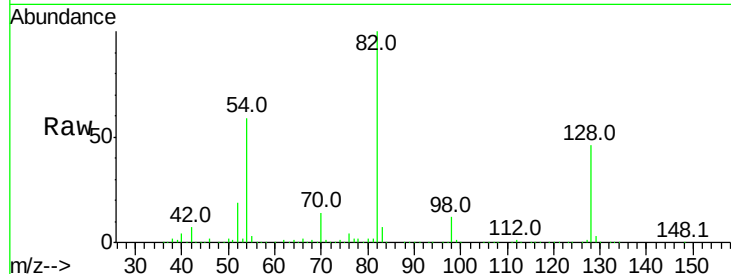




#23
Nitrobenzene-d5
Concen: 102.152 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

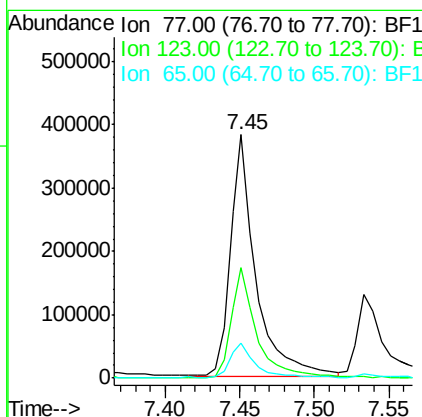
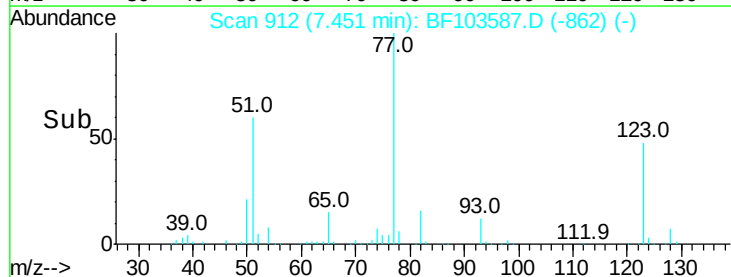
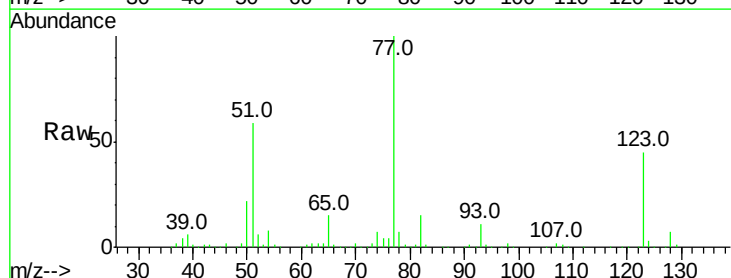
Instrument :
BNA_F
ClientSampled :

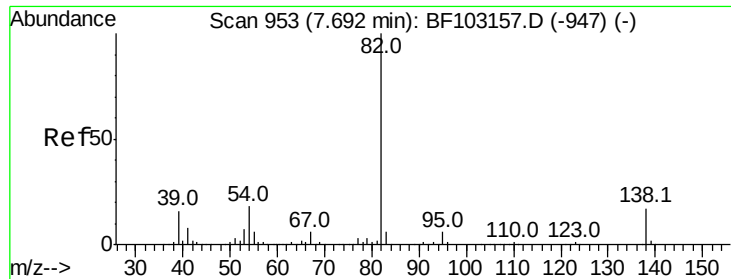
Tot Ion: 82 Resp: 896791
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 59.2 41.4 62.2



#24
Nitrobenzene
Concen: 47.414 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion: 77 Resp: 458281
Ion Ratio Lower Upper
77 100
123 45.5 37.9 56.9
65 14.6 11.0 16.4





#25

Isophorone

Concen: 50.463 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

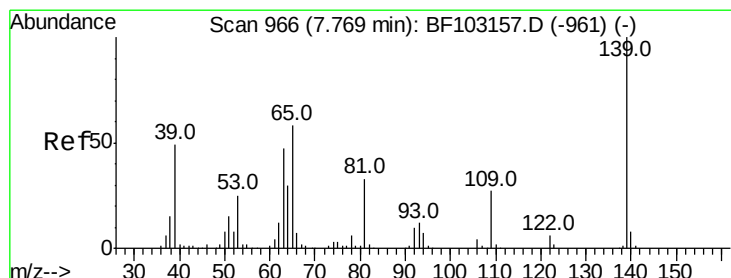
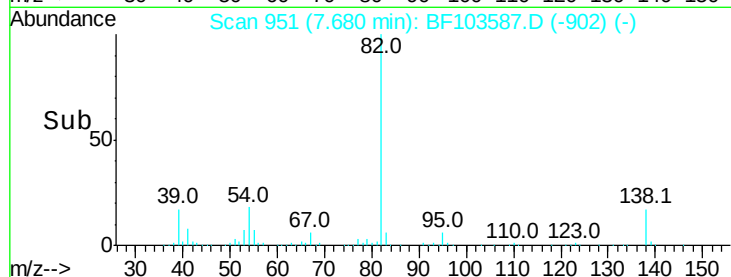
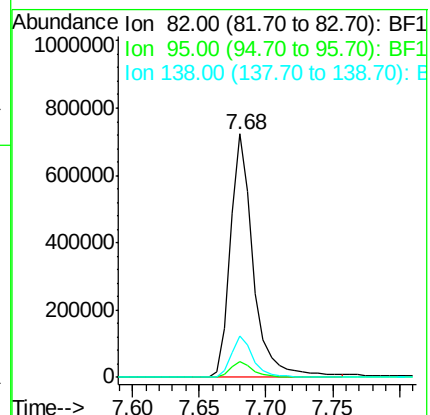
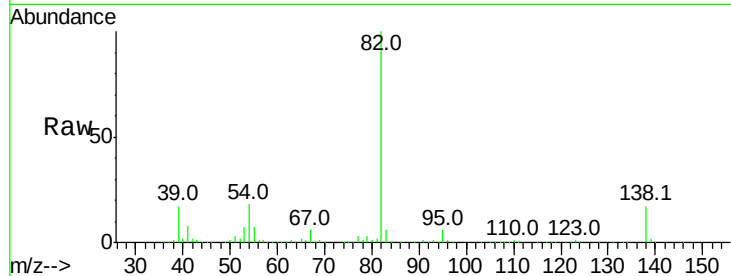
Tot Ion: 82 Resp: 872509

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 49.657 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

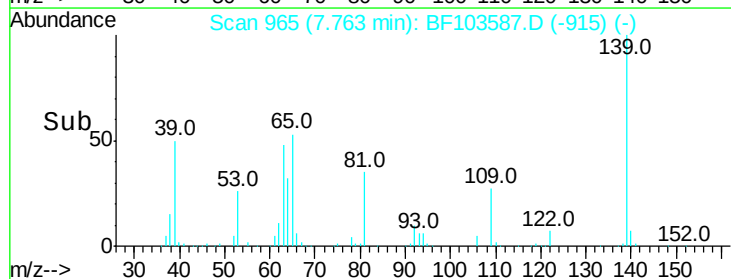
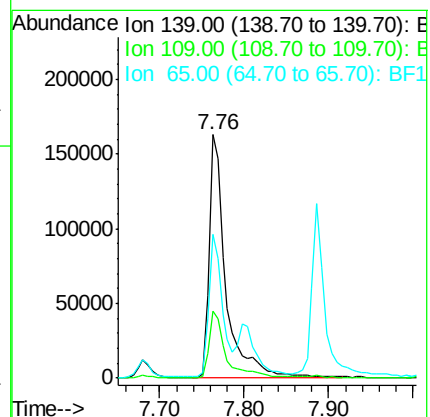
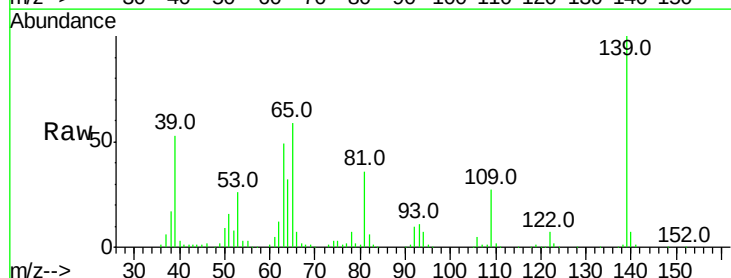
Tgt Ion: 139 Resp: 225952

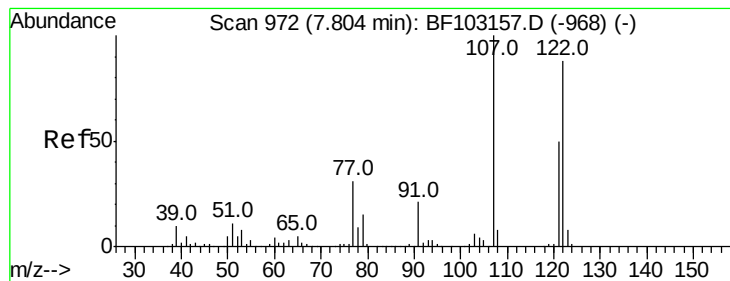
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 59.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 49.245 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

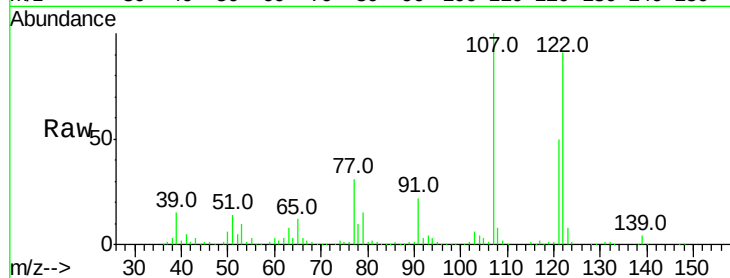
Tot Ion:122 Resp: 342508

Ion Ratio Lower Upper

122 100

107 109.5 91.2 136.8

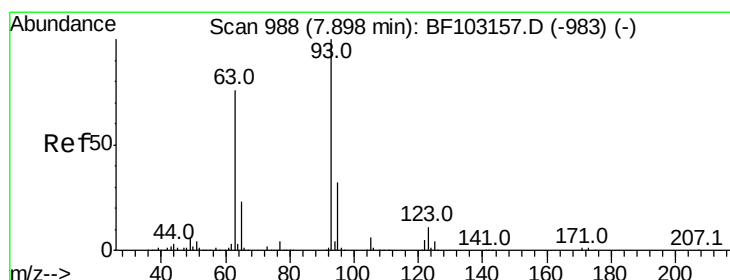
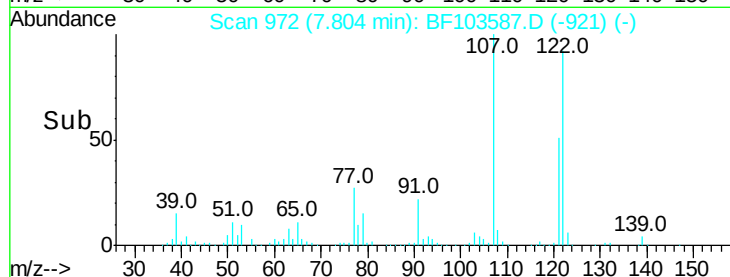
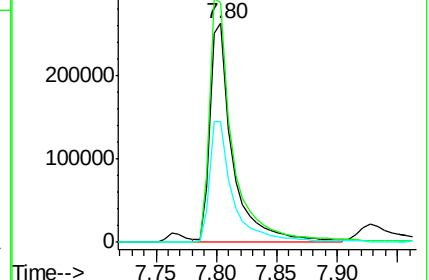
121 55.2 47.2 70.8



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: 51.885 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

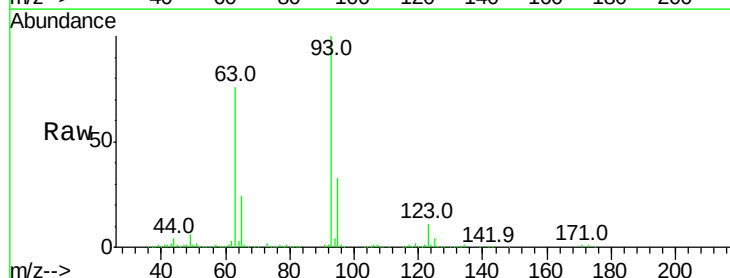
Tgt Ion: 93 Resp: 527447

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

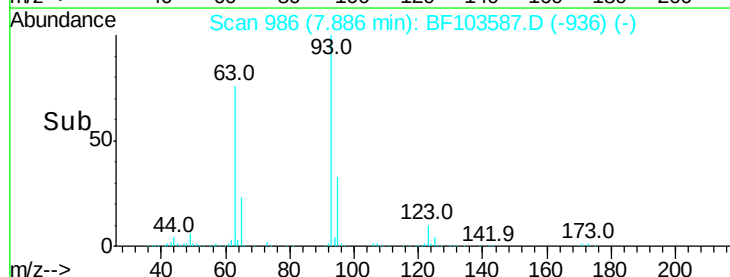
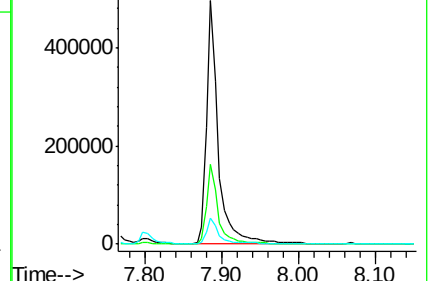
123 10.6 9.8 14.6

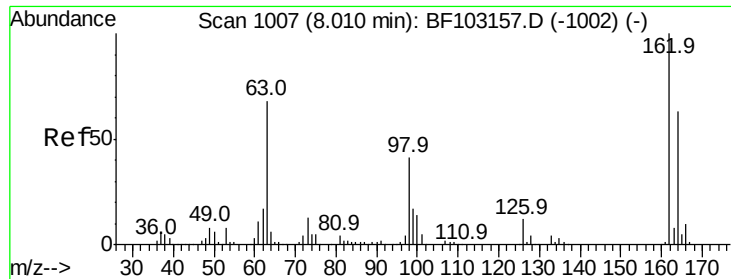


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

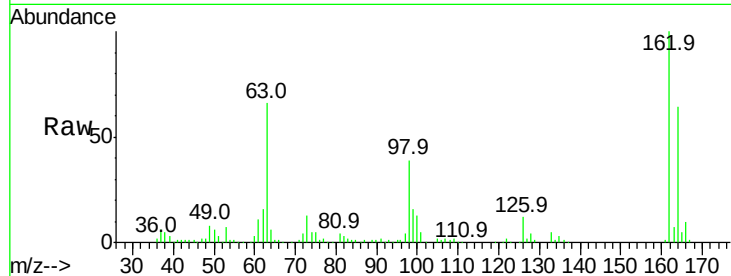




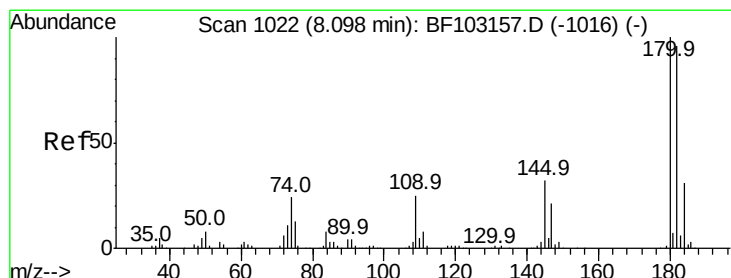
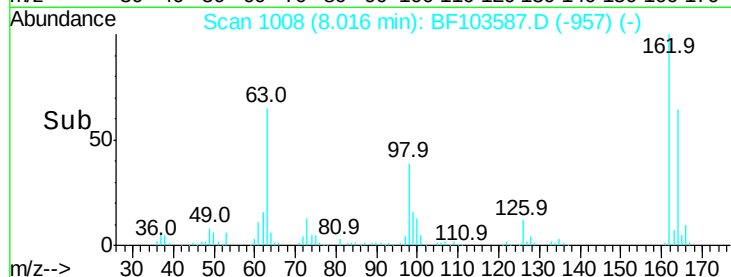
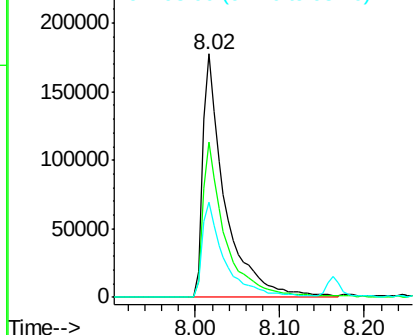
#29
 2,4-Dichlorophenol
 Concen: 48.719 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 324420
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 39.0 18.1 58.1

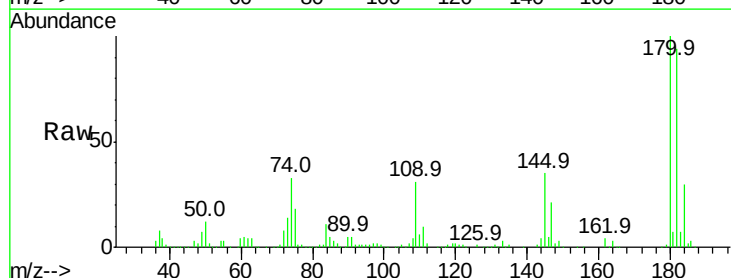


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

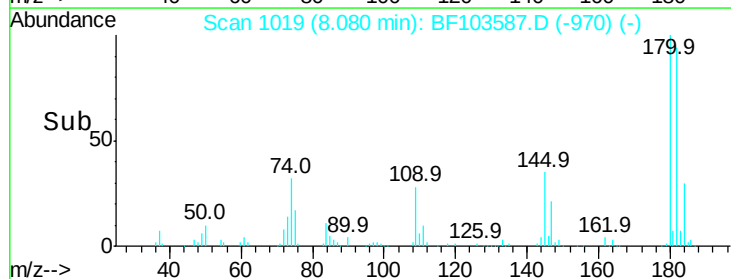
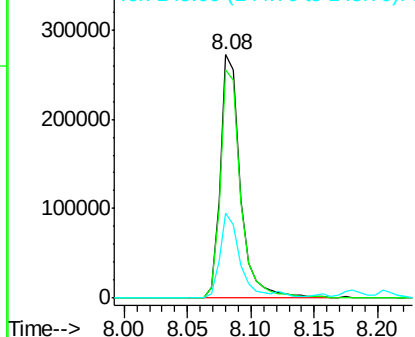


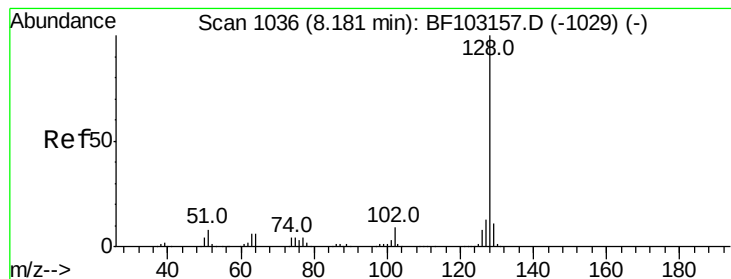
#30
 1,2,4-Trichlorobenzene
 Concen: 42.796 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:180 Resp: 303470
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.8 115.2
 145 35.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.619 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

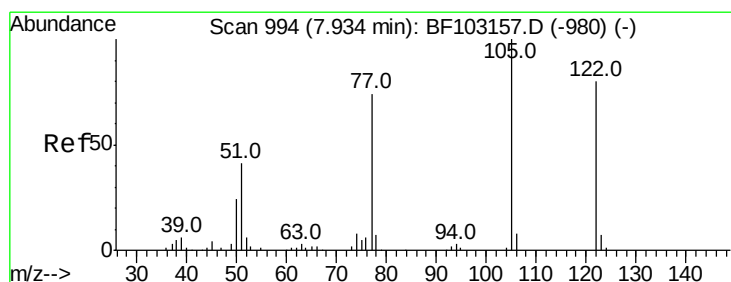
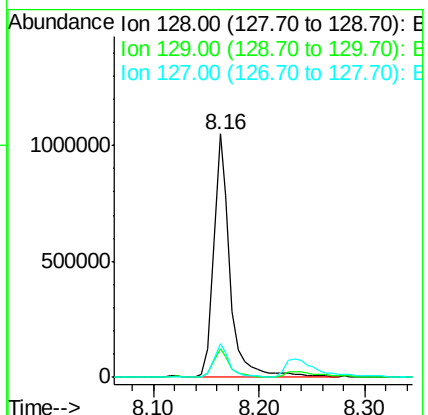
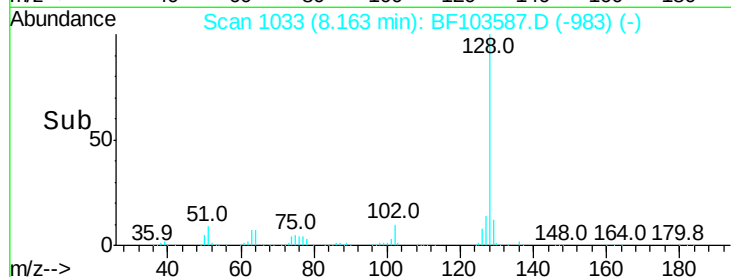
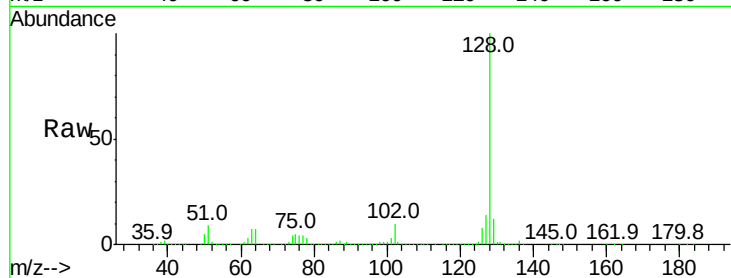
Tot Ion:128 Resp: 1144280

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.7 10.9 16.3



#32

Benzoic acid

Concen: 15.663 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.04 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

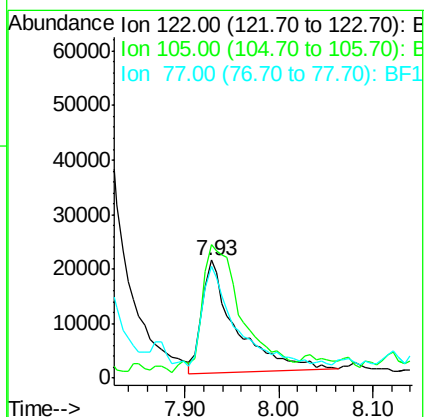
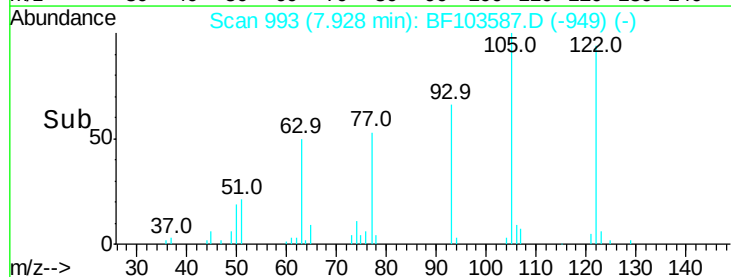
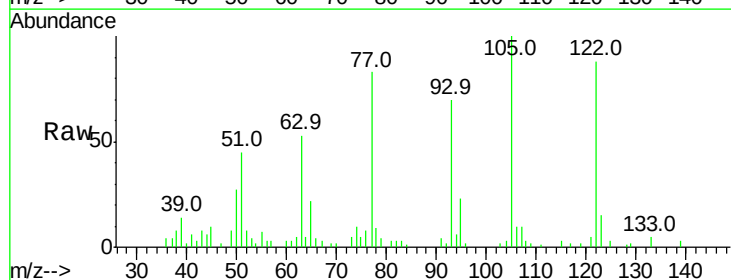
Tgt Ion:122 Resp: 52741

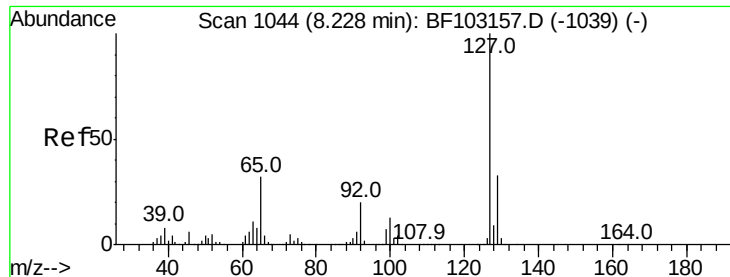
Ion Ratio Lower Upper

122 100

105 113.8 101.1 141.1

77 94.9 70.7 110.7

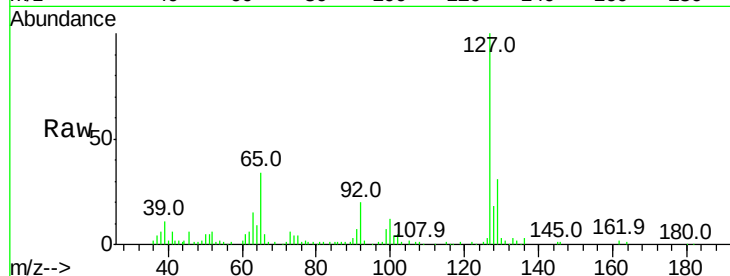




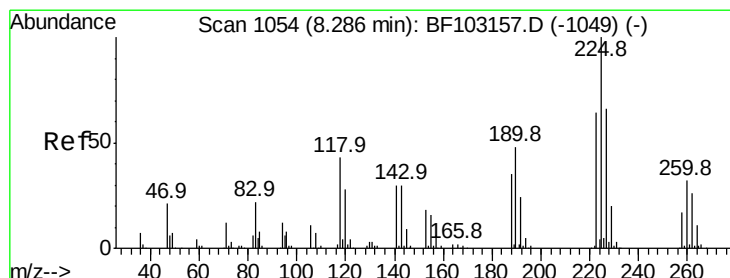
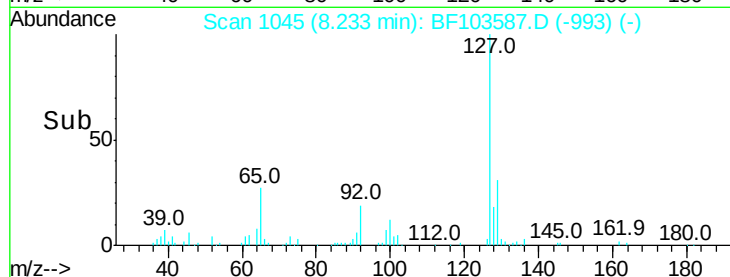
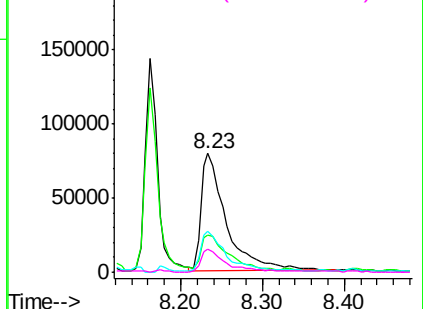
#33
4-Chloroaniline
Concen: 16.237 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	171979
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	34.1	25.0	37.4
92	19.9	15.2	22.8

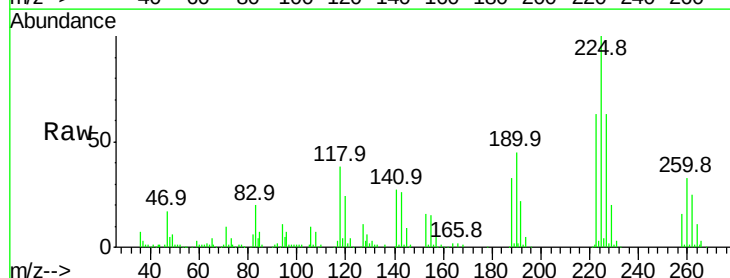


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

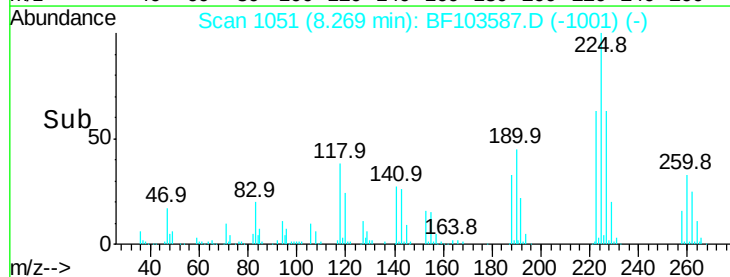
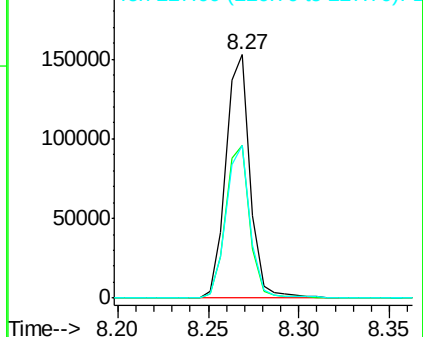


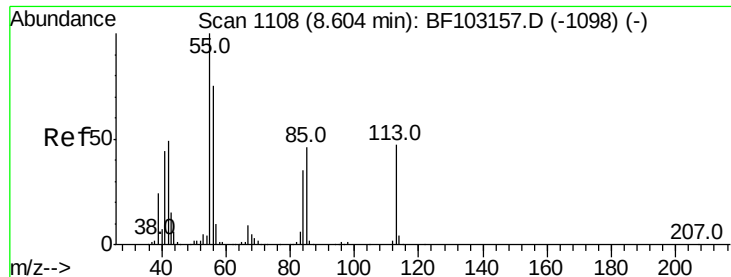
#34
Hexachlorobutadiene
Concen: 38.563 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:	225	Resp:	142399
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.6	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: 24.789 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampled :

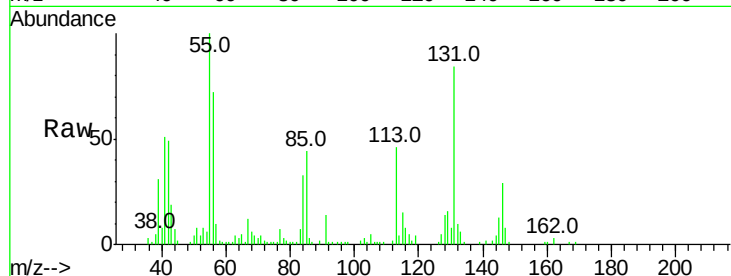
Tot Ion:113 Resp: 58013

Ion Ratio Lower Upper

113 100

55 219.1 163.3 203.3#

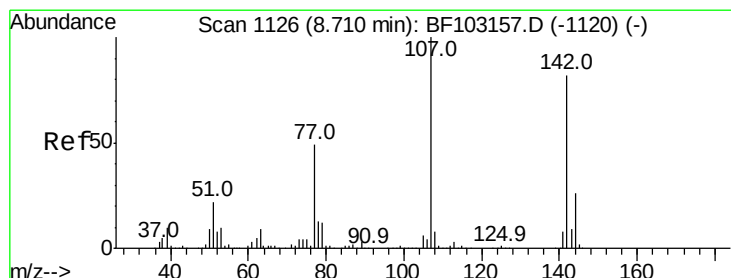
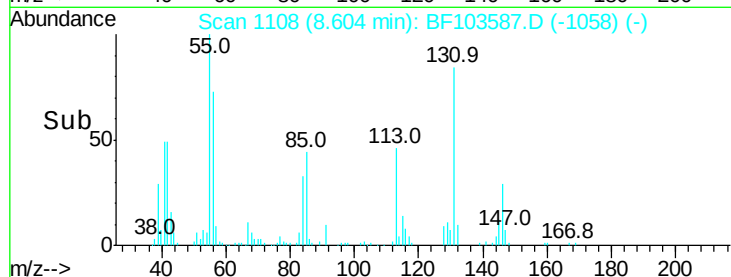
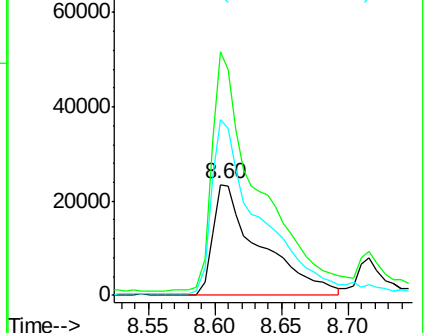
56 157.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.955 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

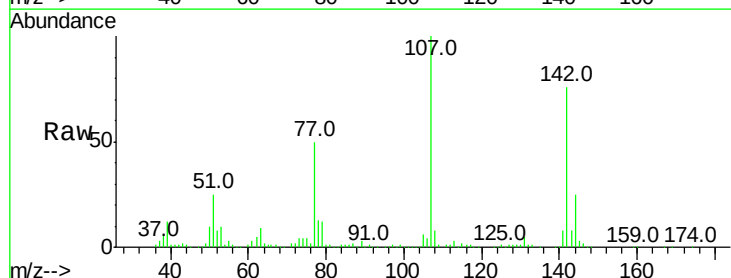
Tgt Ion:107 Resp: 352668

Ion Ratio Lower Upper

107 100

144 24.5 20.5 30.7

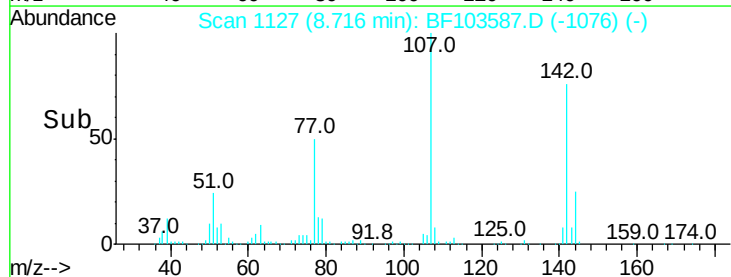
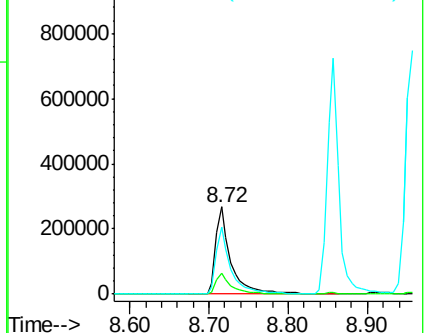
142 76.2 62.0 93.0

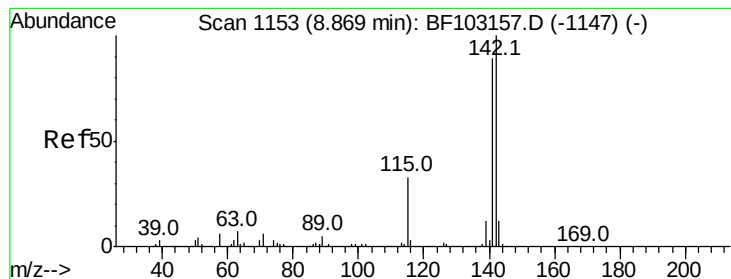


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

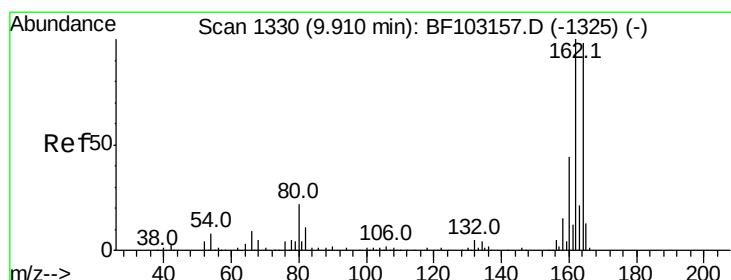
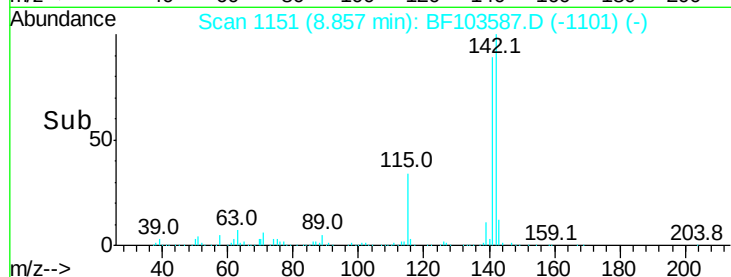
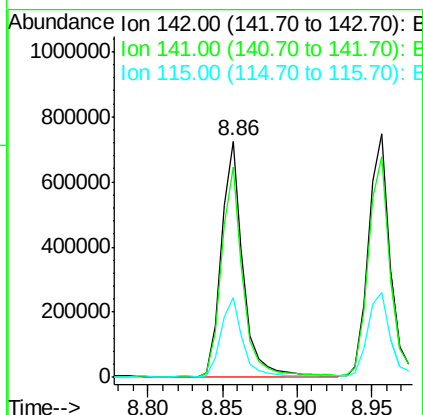
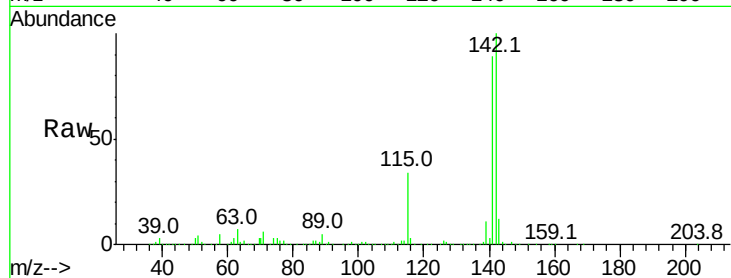




#37
 2-Methylnaphthalene
 Concen: 47.078 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

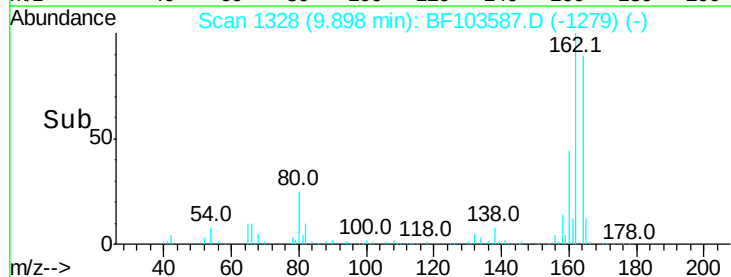
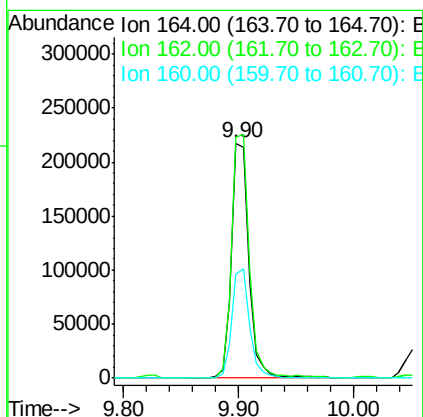
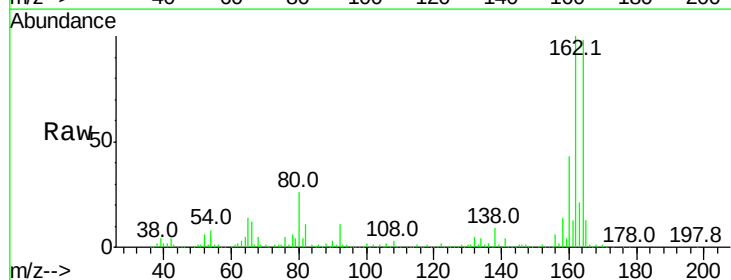
Instrument :
 BNA_F
 ClientSampled :

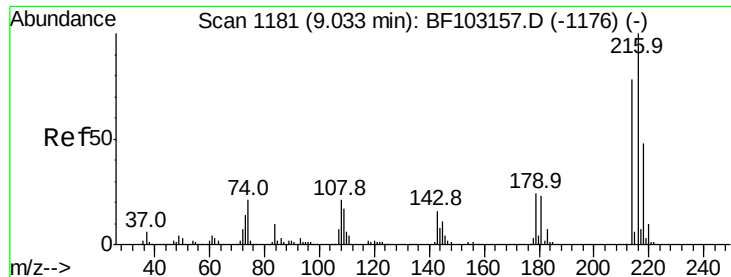
Tot Ion:142 Resp: 746808
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 33.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:164 Resp: 228681
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 44.6 38.3 57.5

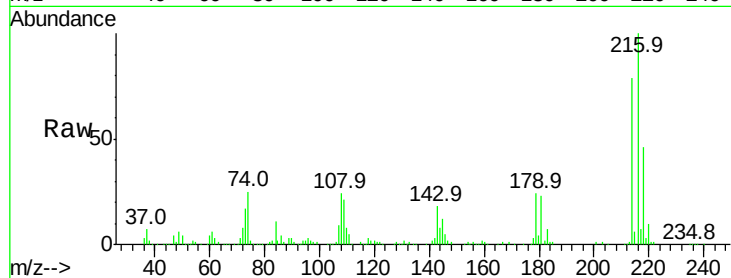




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.445 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	23.4	18.1	27.1
108	24.4	17.2	25.8

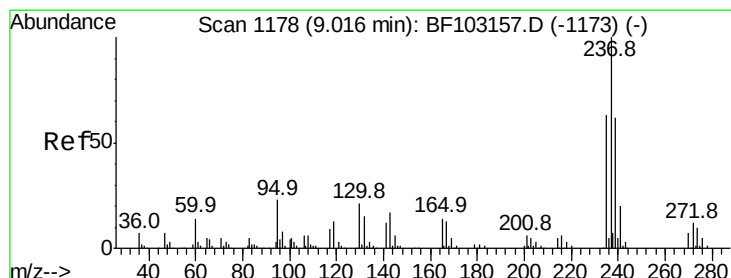
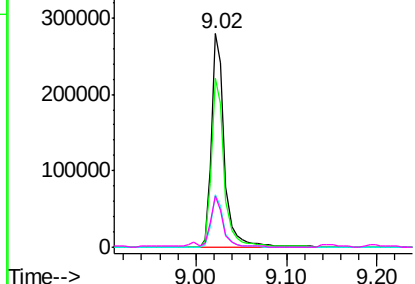
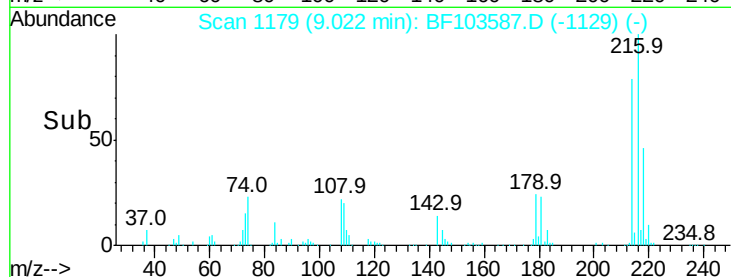


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

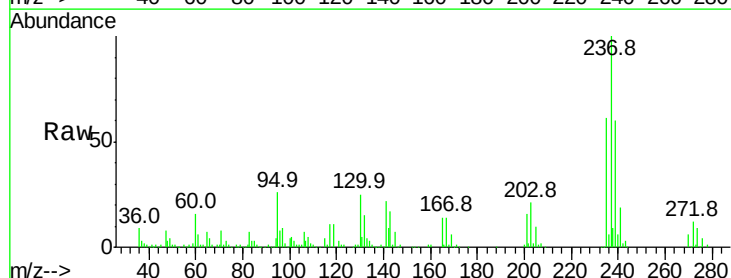
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 45.418 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

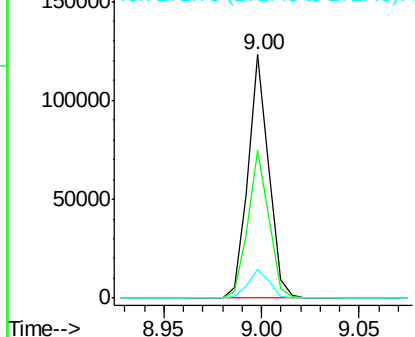
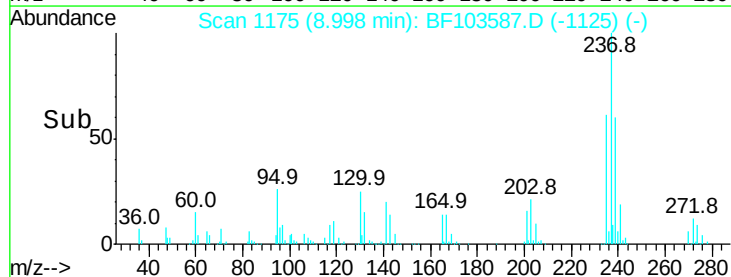
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.8	44.8	84.8
272	11.5	0.0	33.3

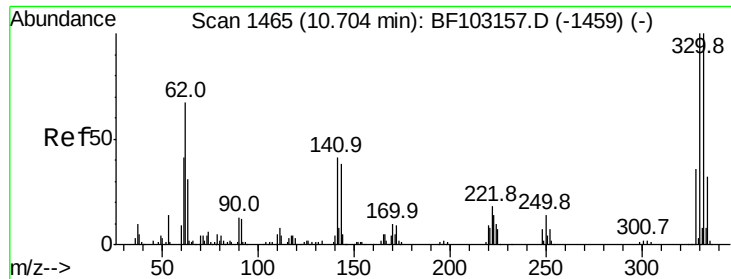


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

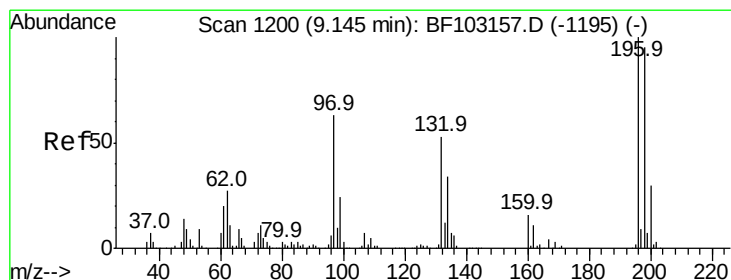
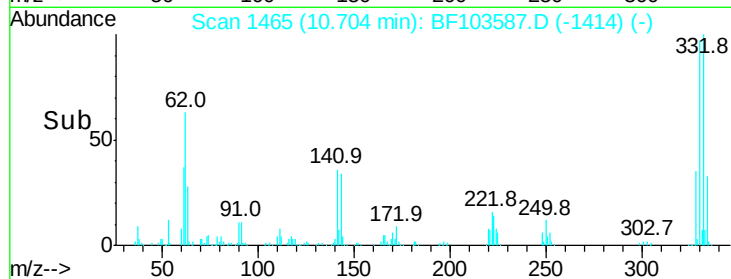
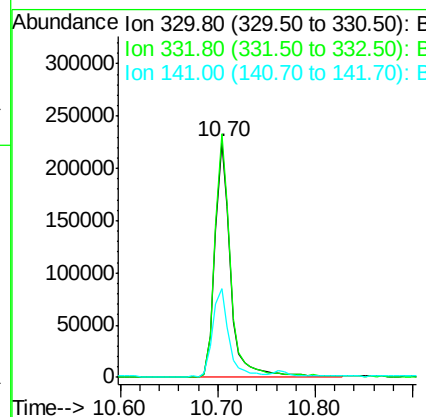
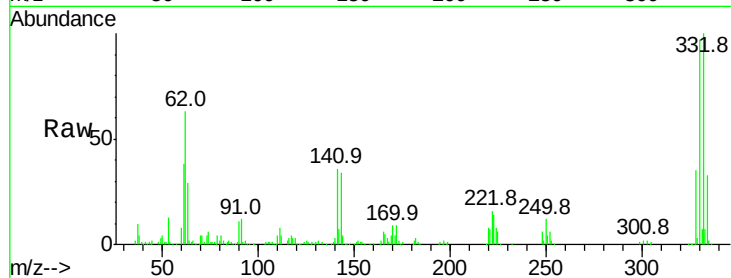




#41
 2,4,6-Tribromophenol
 Concen: 131.545 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

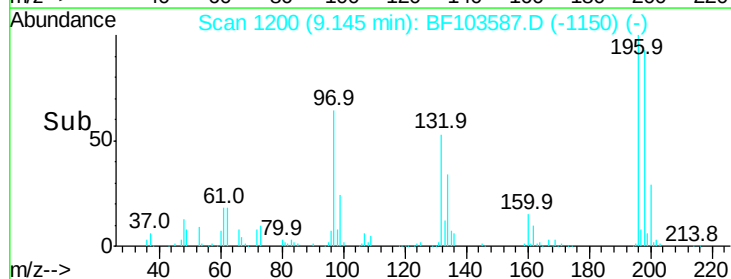
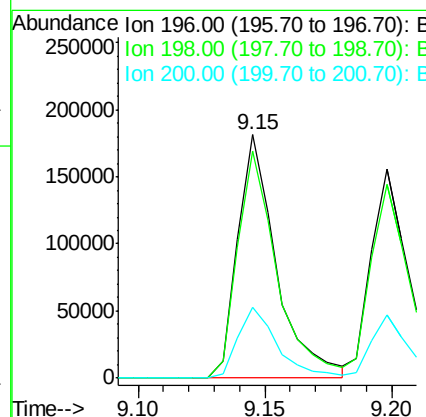
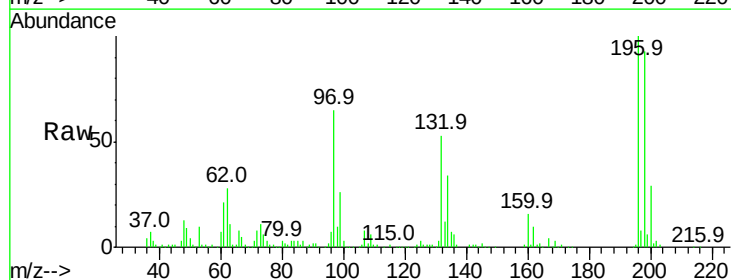
Instrument :
 BNA_F
 ClientSampleId :

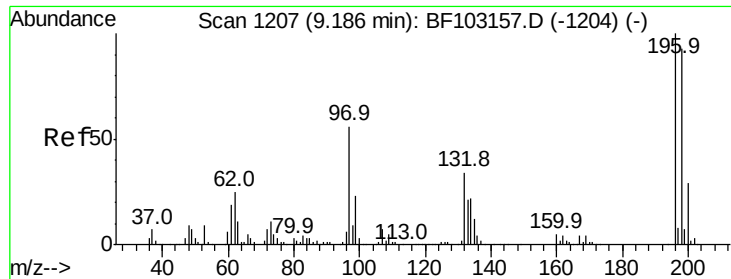
Tot Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	38.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.666 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
200	29.3	24.5	36.7

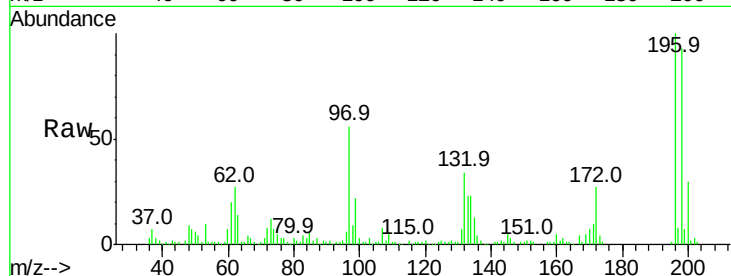




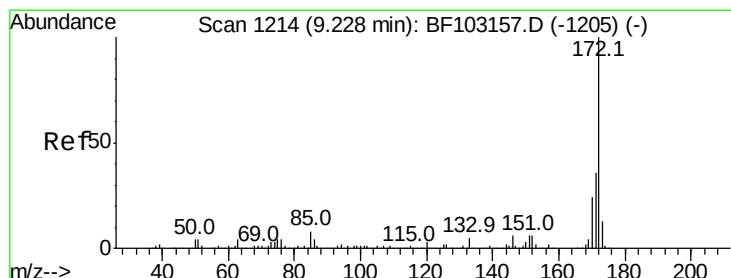
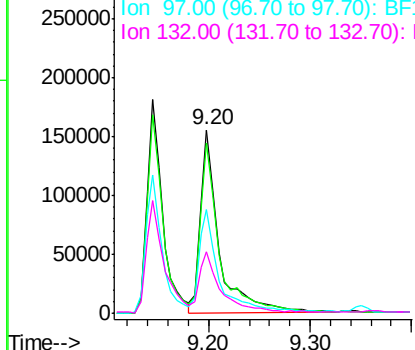
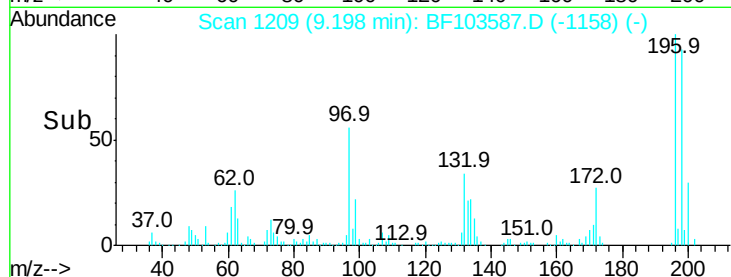
#43
2,4,5-Trichlorophenol
Concen: 40.918 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 197970
Ion Ratio Lower Upper
196 100
198 93.0 74.6 112.0
97 56.4 42.9 64.3
132 33.9 26.3 39.5

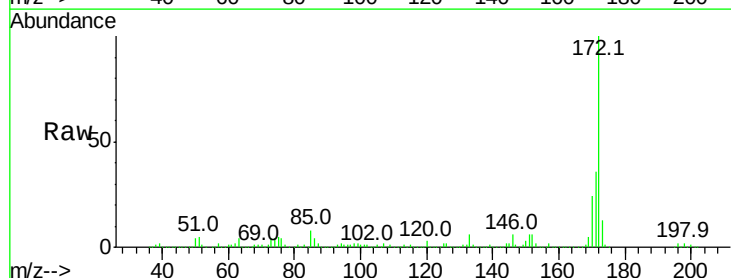


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

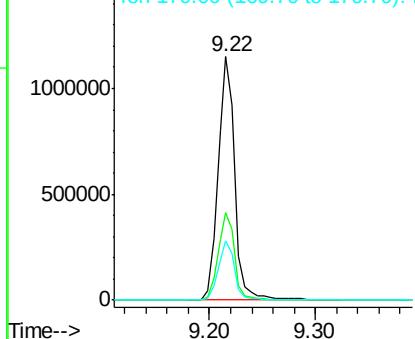
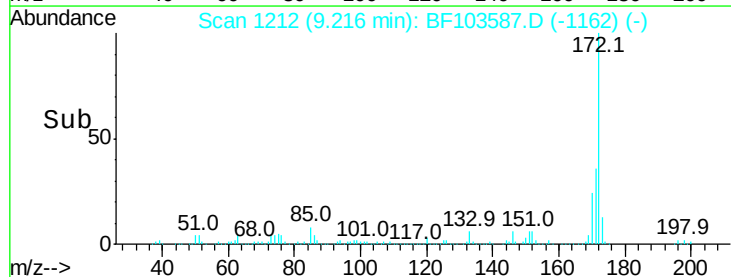


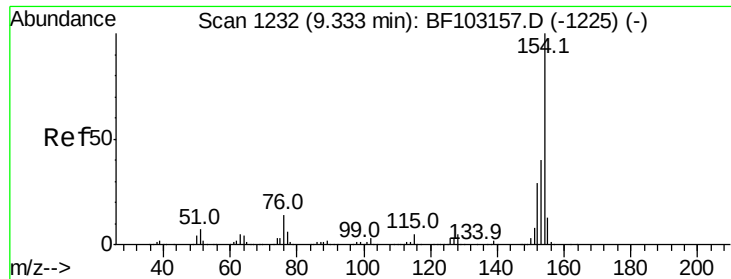
#44
2-Fluorobiphenyl
Concen: 100.592 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:172 Resp: 1278914
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.3 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

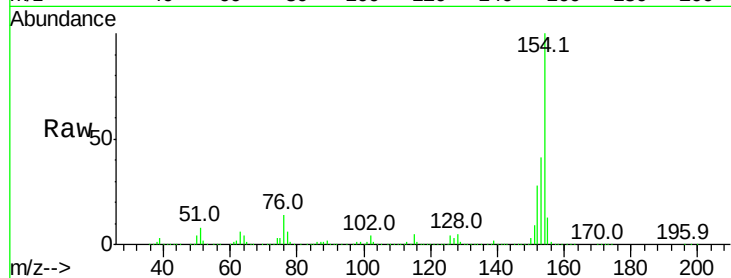




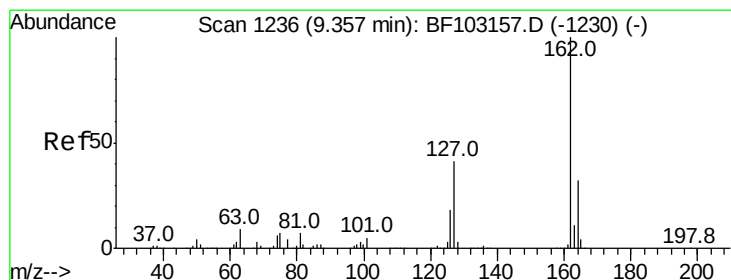
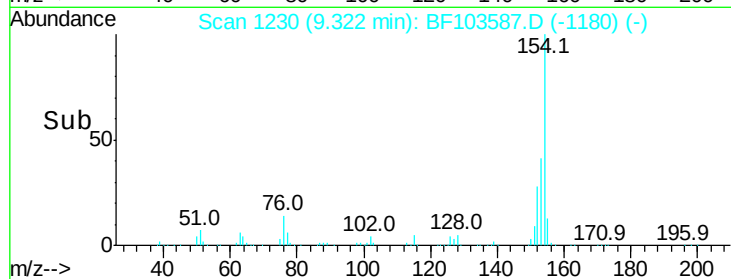
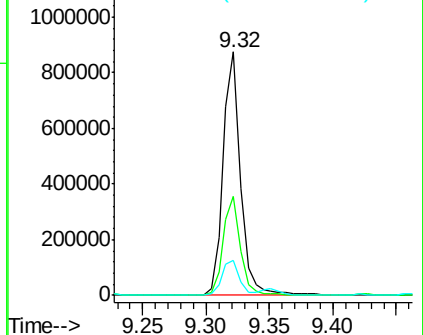
#45
 1,1'-Biphenyl
 Concen: 44.090 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	14.4	0.0	34.0

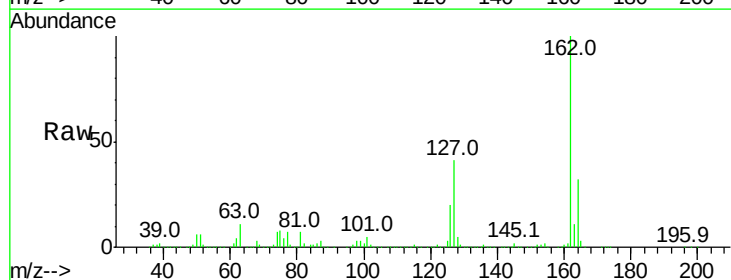


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

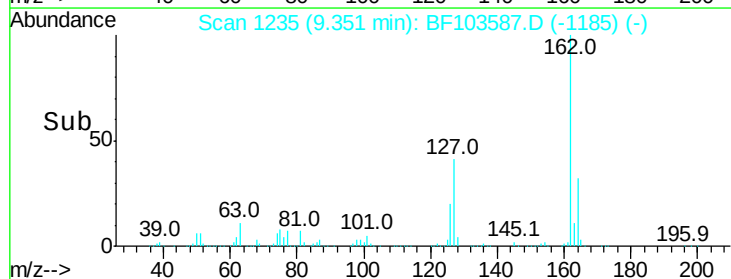
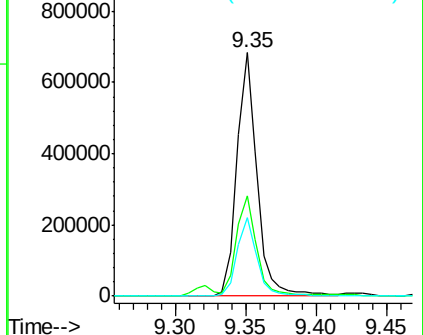


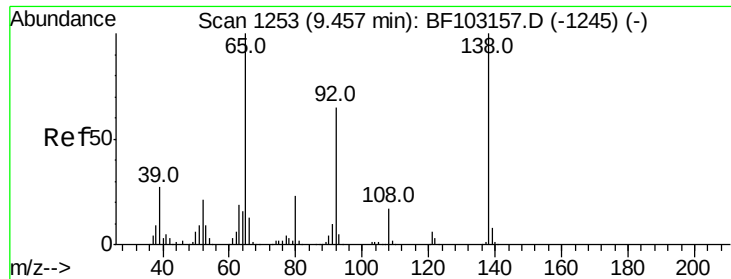
#46
 2-Chloronaphthalene
 Concen: 45.110 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.4	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

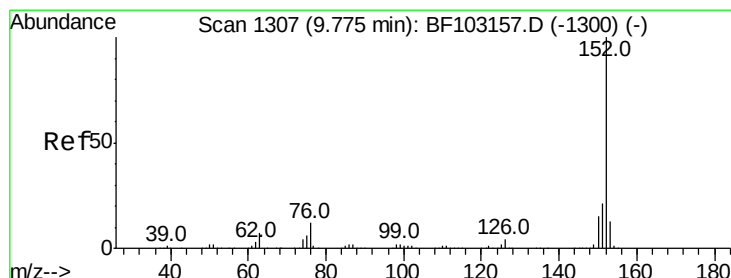
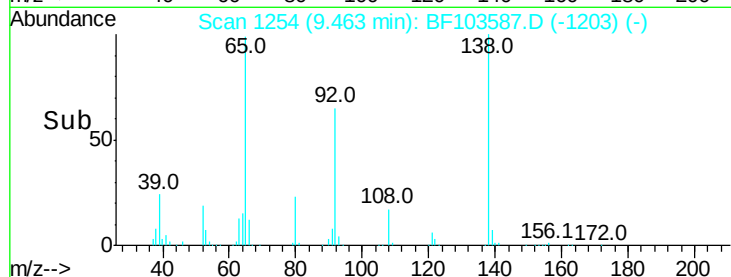
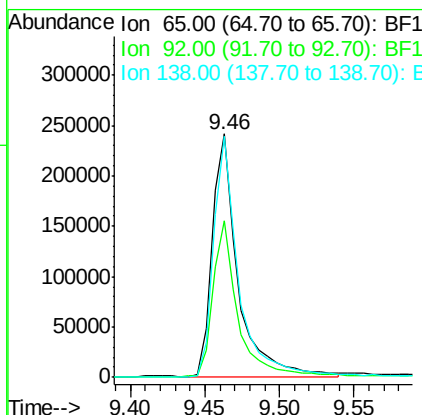
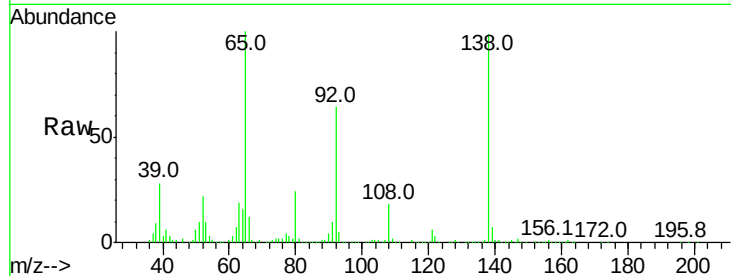




#47
2-Nitroaniline
Concen: 51.309 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

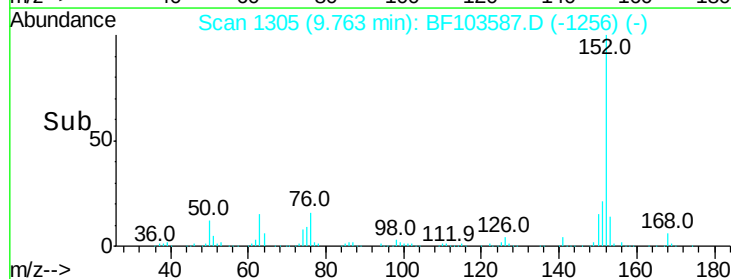
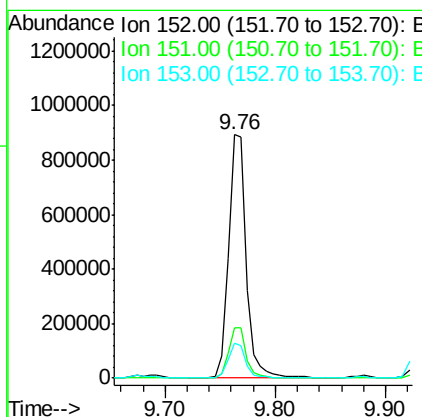
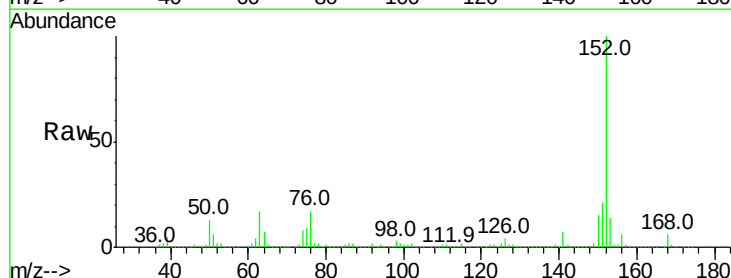
Instrument :
BNA_F
ClientSampled :

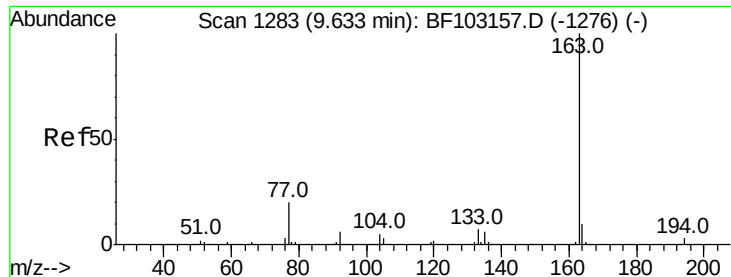
Tot Ion: 65 Resp: 288130
Ion Ratio Lower Upper
65 100
92 64.3 55.8 83.6
138 98.9 91.2 136.8



#48
Acenaphthylene
Concen: 42.795 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion: 152 Resp: 998198
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.4 10.7 16.1

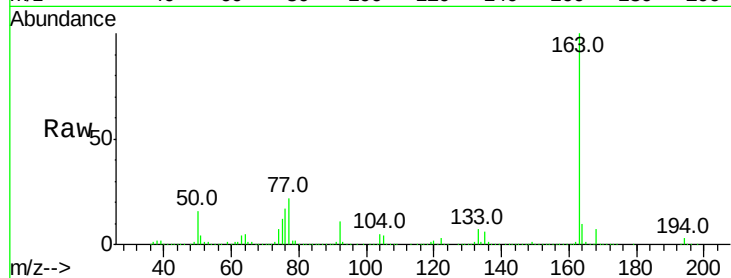




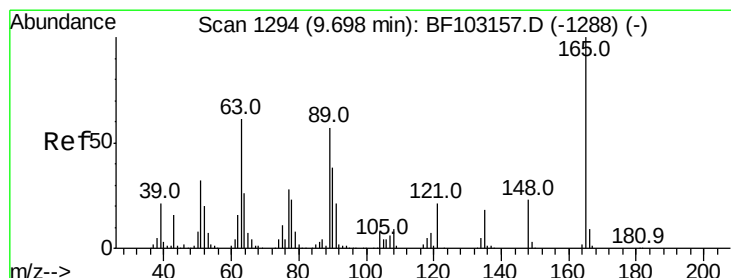
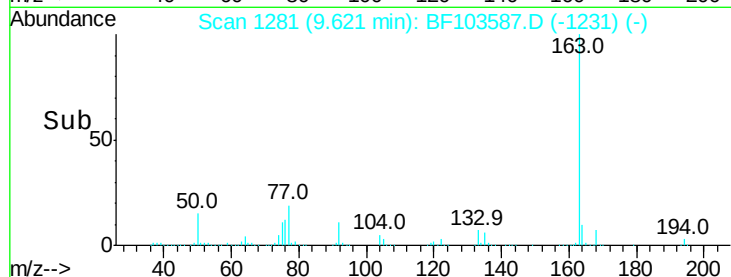
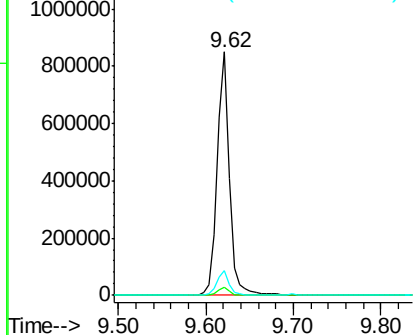
#49
Dimethylphthalate
Concen: 45.418 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 833197
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

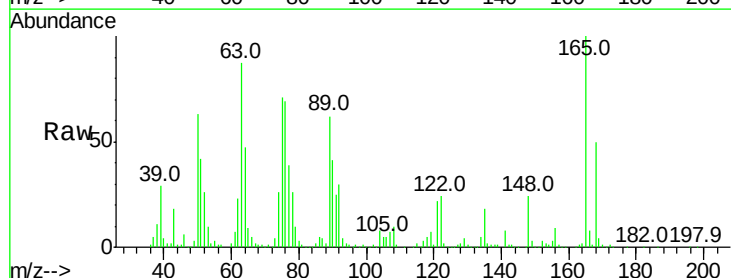


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

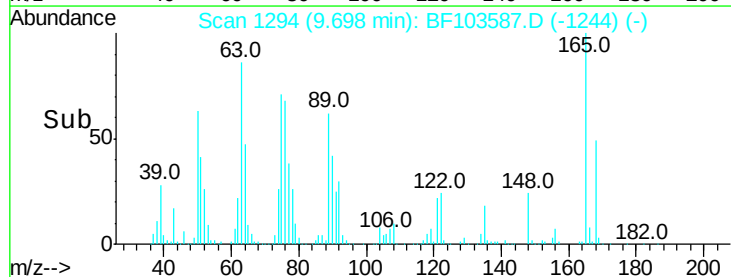
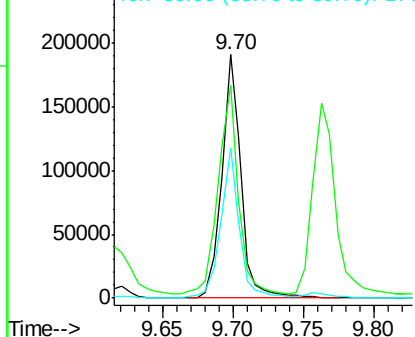


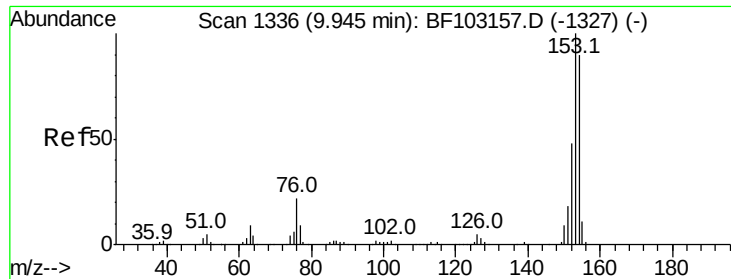
#50
2,6-Dinitrotoluene
Concen: 46.618 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:165 Resp: 179469
Ion Ratio Lower Upper
165 100
63 87.3 44.7 67.1#
89 61.7 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: 45.216 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

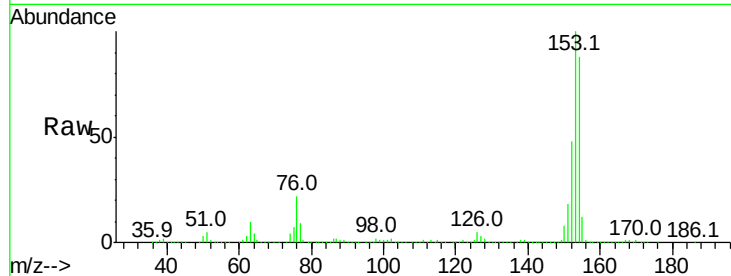
Tot Ion:154 Resp: 614986

Ion Ratio Lower Upper

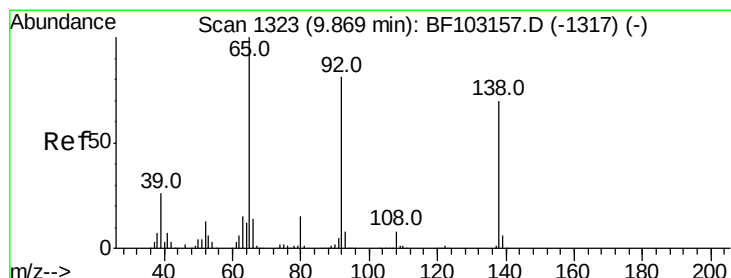
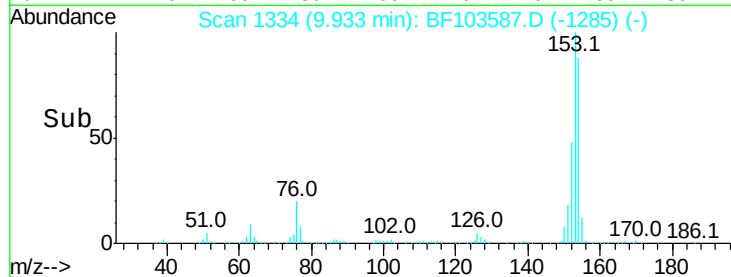
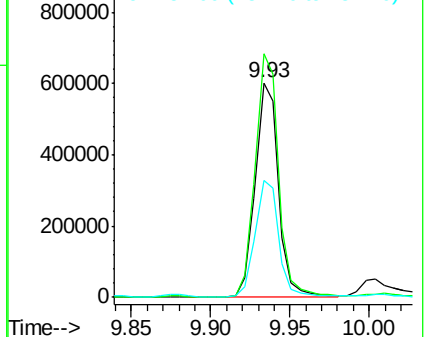
154 100

153 113.5 91.2 136.8

152 54.6 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: 22.948 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

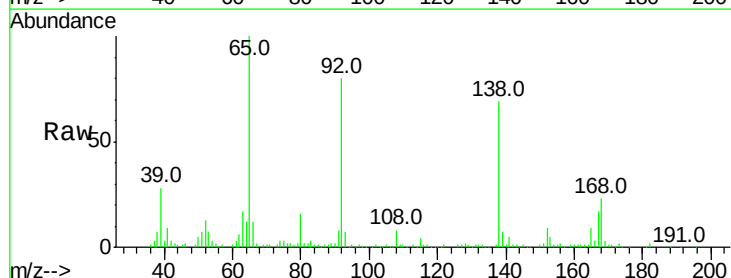
Tgt Ion:138 Resp: 112085

Ion Ratio Lower Upper

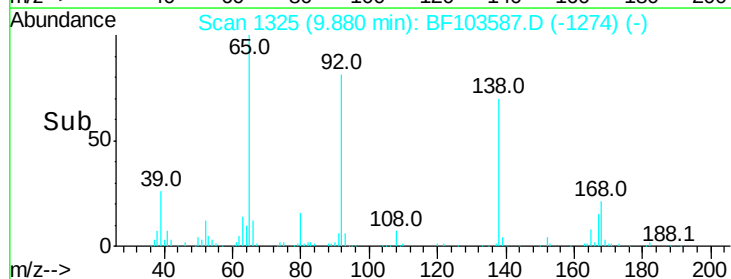
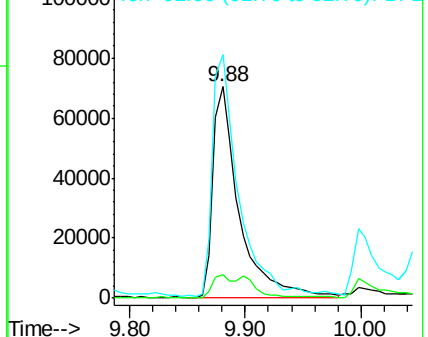
138 100

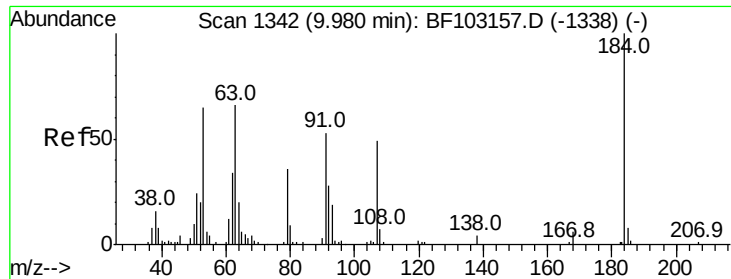
108 10.9 9.4 14.0

92 115.2 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

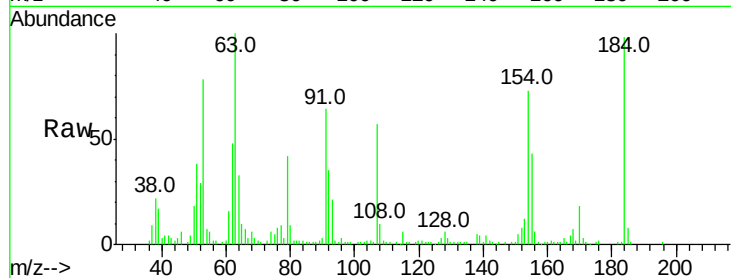




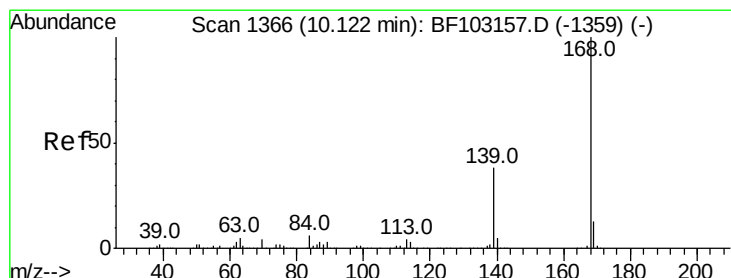
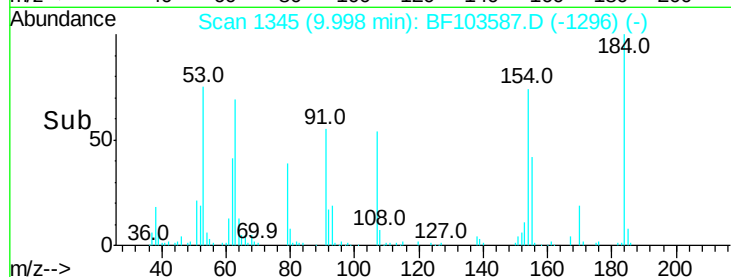
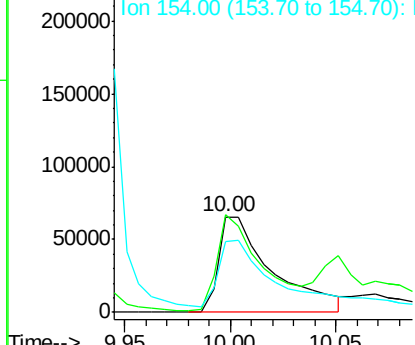
#53
2,4-Dinitrophenol
Concen: 82.496 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 115193
Ion Ratio Lower Upper
184 100
63 102.0 54.2 81.2#
154 74.0 184.0 276.0#

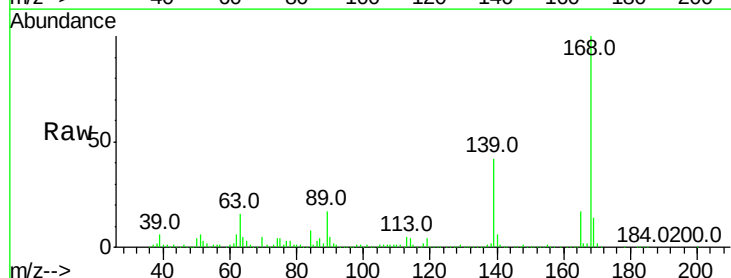


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

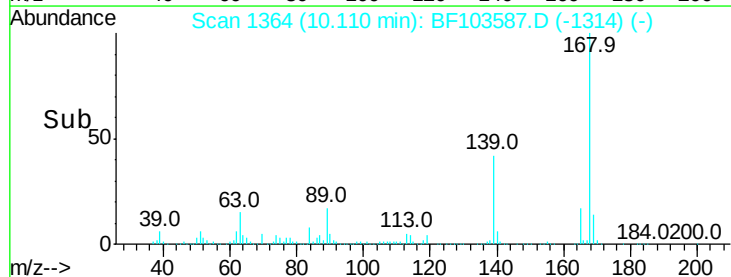
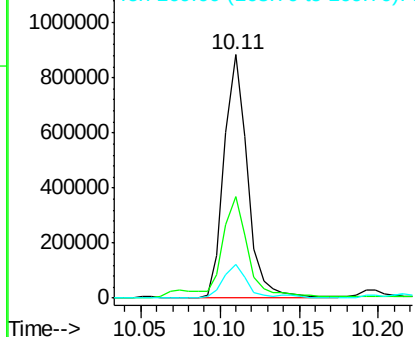


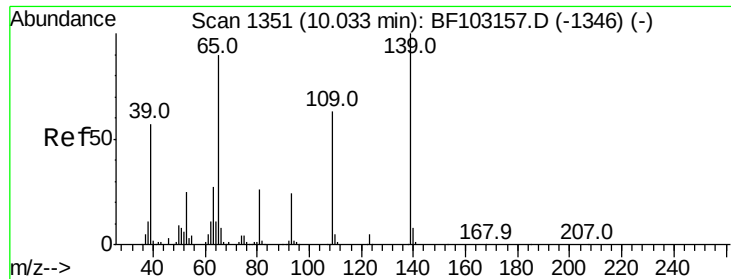
#54
Dibenzofuran
Concen: 48.587 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:168 Resp: 907157
Ion Ratio Lower Upper
168 100
139 41.7 30.1 45.1
169 13.9 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: 12.247 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampled :

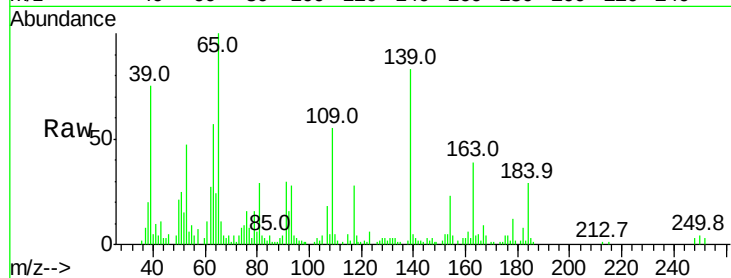
Tot Ion:139 Resp: 37073

Ion Ratio Lower Upper

139 100

109 66.5 48.4 88.4

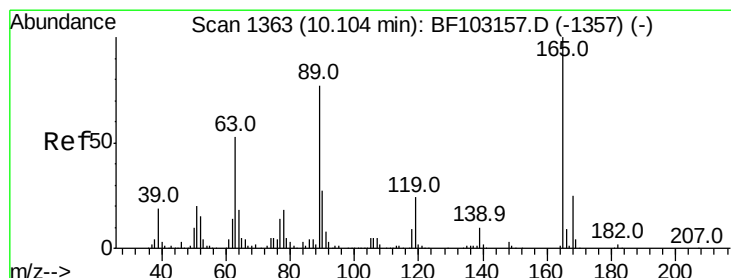
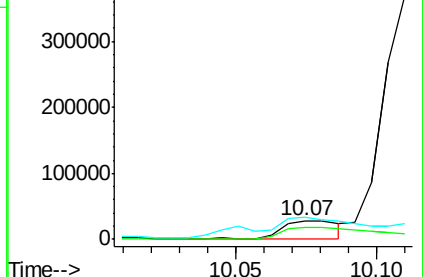
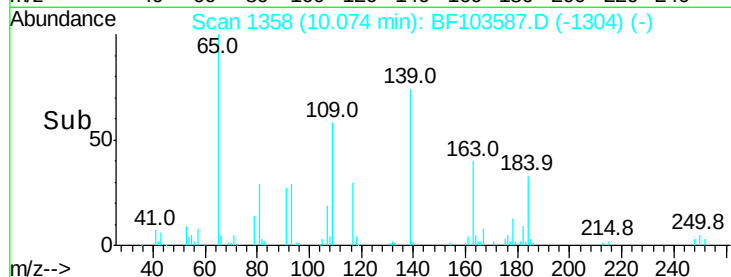
65 120.0 72.6 112.6#



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: 48.055 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Tgt Ion:165 Resp: 233979

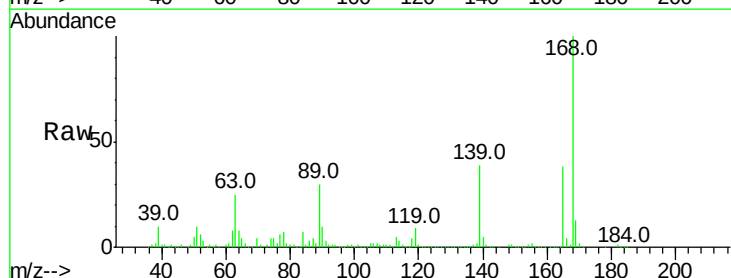
Ion Ratio Lower Upper

165 100

63 67.0 36.4 54.6#

89 80.7 57.8 86.6

182 2.2 1.6 2.4

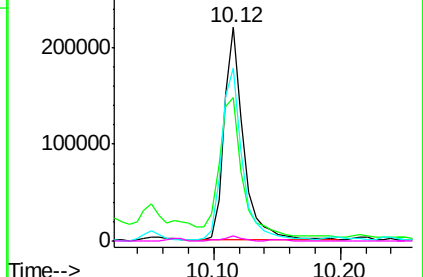
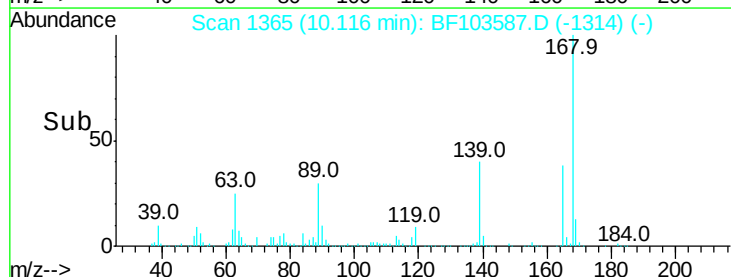


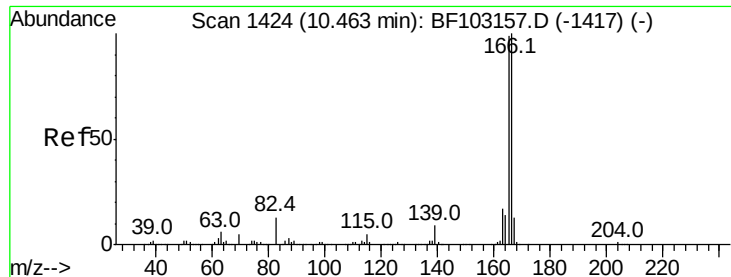
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.435 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

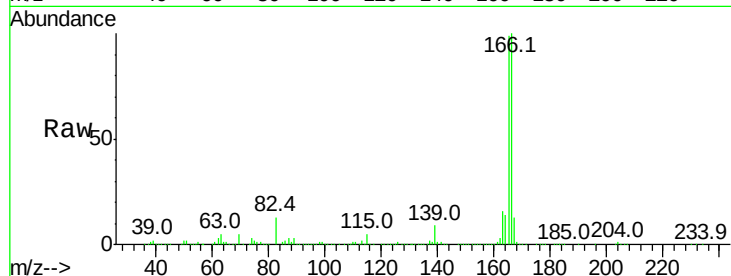
Tot Ion:166 Resp: 754459

Ion Ratio Lower Upper

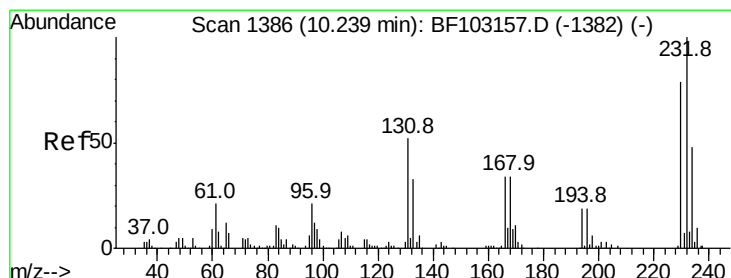
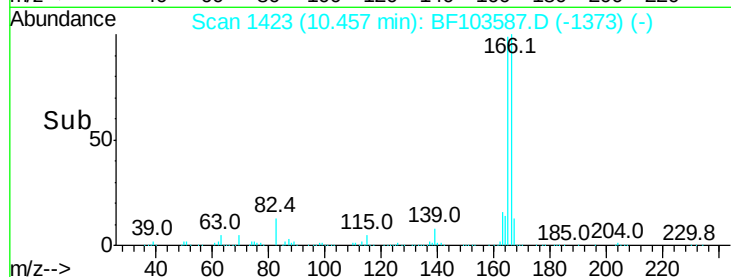
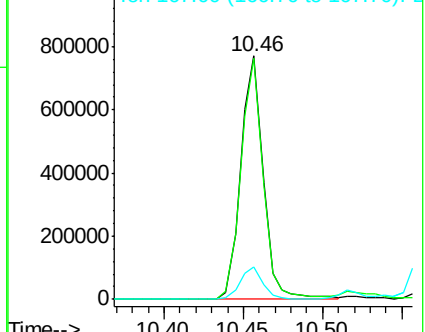
166 100

165 99.2 79.8 119.8

167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.857 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Tgt Ion:232 Resp: 149041

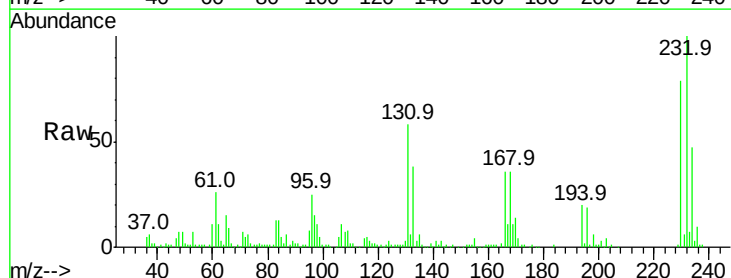
Ion Ratio Lower Upper

232 100

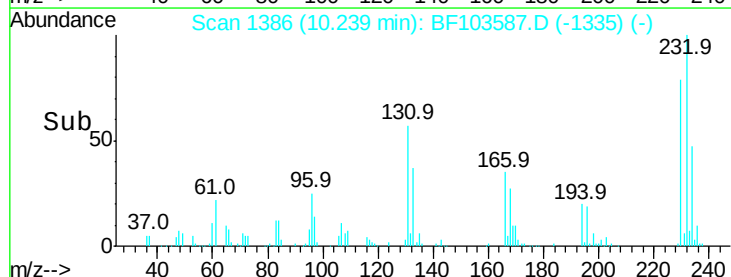
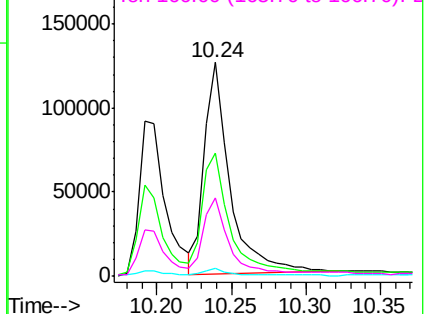
131 57.8 43.8 65.8

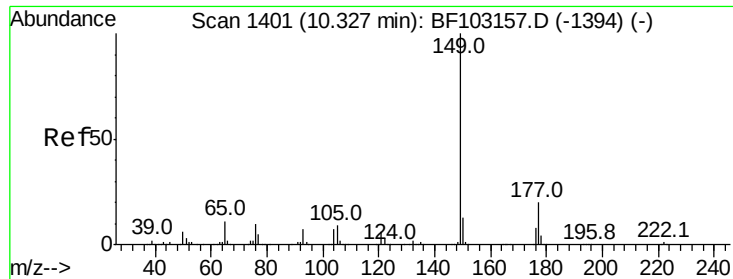
130 2.8 2.1 3.1

166 33.8 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

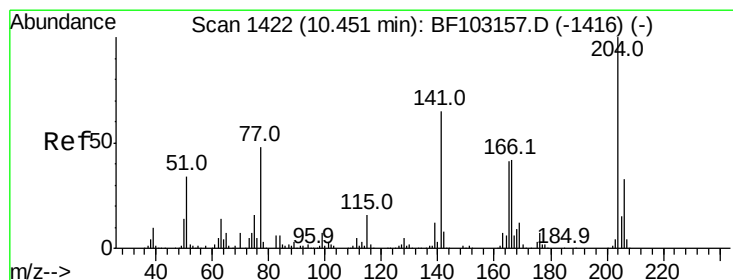
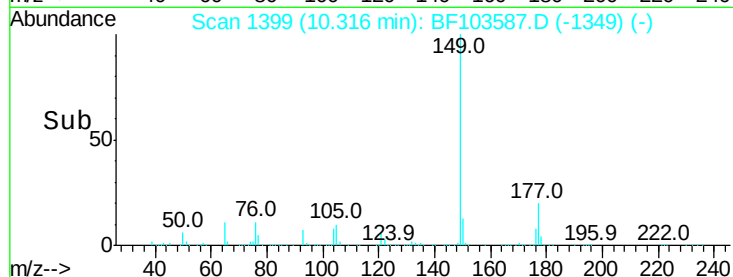
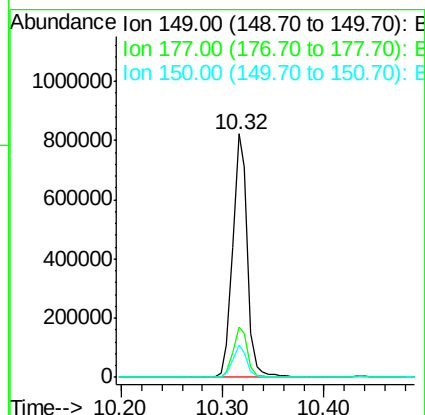
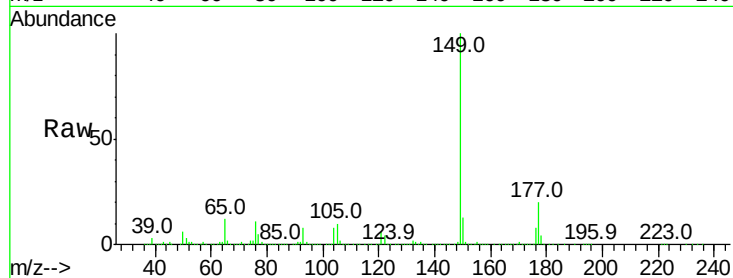




#59
Diethylphthalate
Concen: 46.894 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

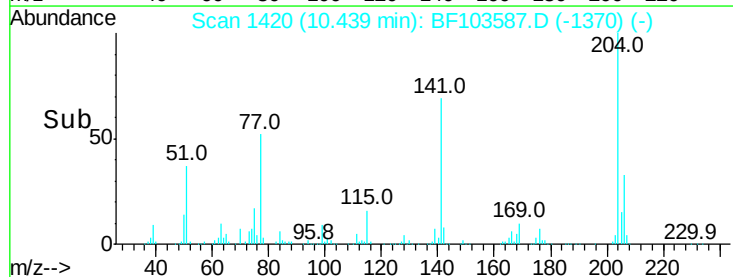
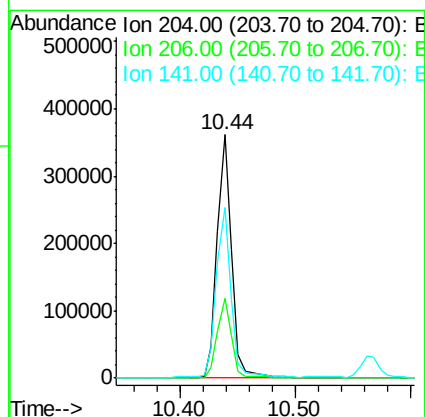
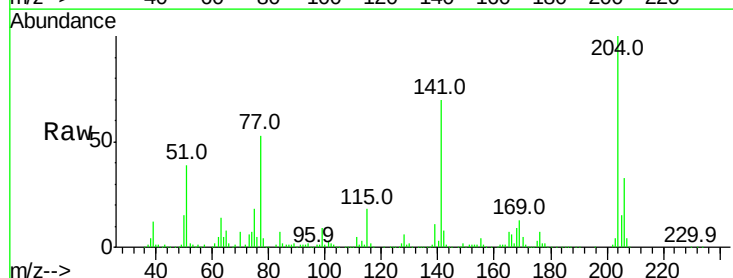
Instrument :
BNA_F
ClientSampled :

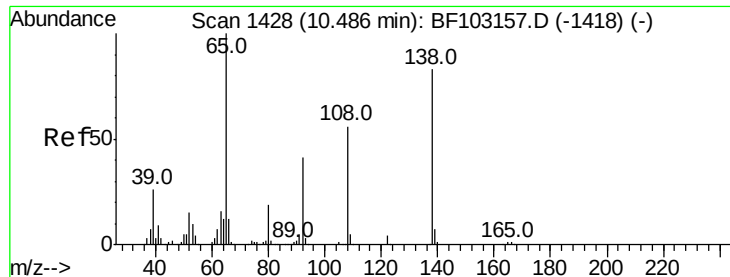
Tot Ion:149 Resp: 822780
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 13.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.807 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:204 Resp: 315703
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 69.8 54.6 81.8





#61

4-Nitroaniline

Concen: 43.516 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

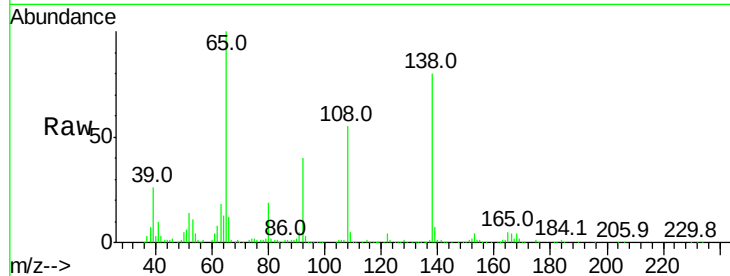
Tot Ion:138 Resp: 212296

Ion Ratio Lower Upper

138 100

92 50.0 30.2 70.2

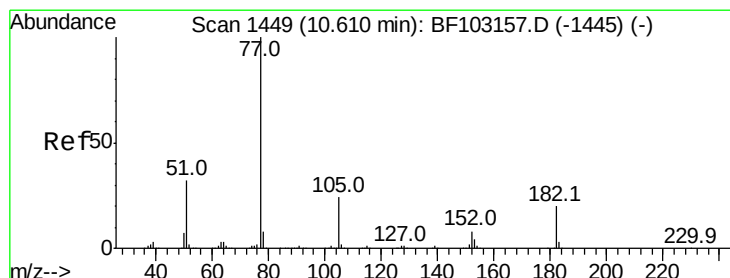
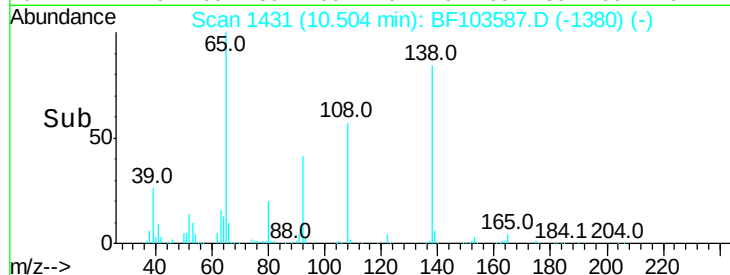
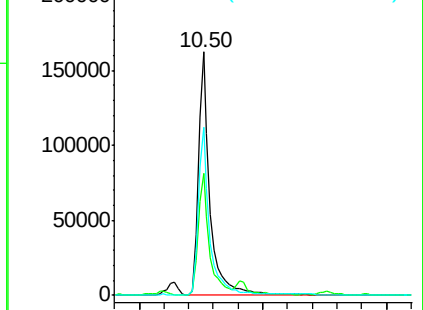
108 69.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.716 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Tgt Ion: 77 Resp: 816460

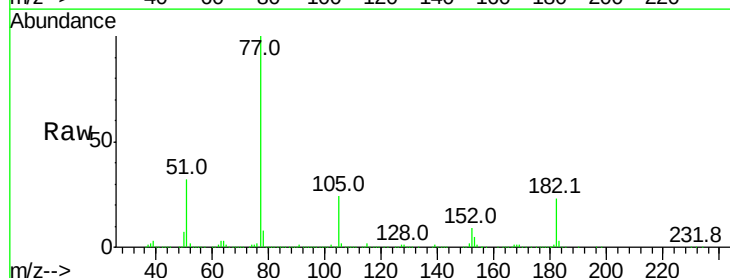
Ion Ratio Lower Upper

77 100

182 22.9 1.7 41.7

105 24.5 3.0 43.0

51 31.8 9.9 49.9

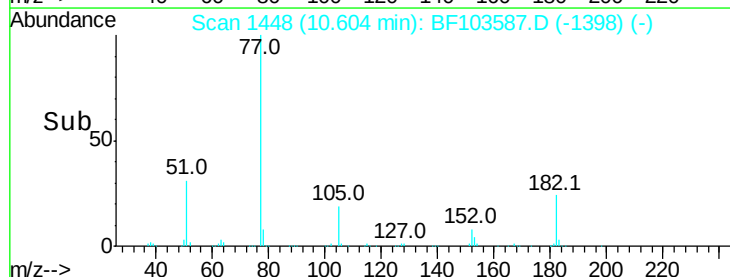
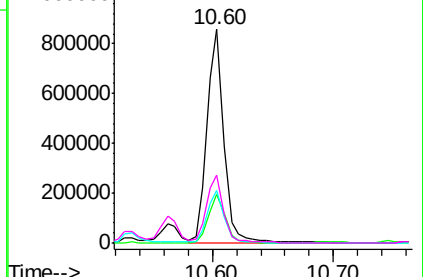


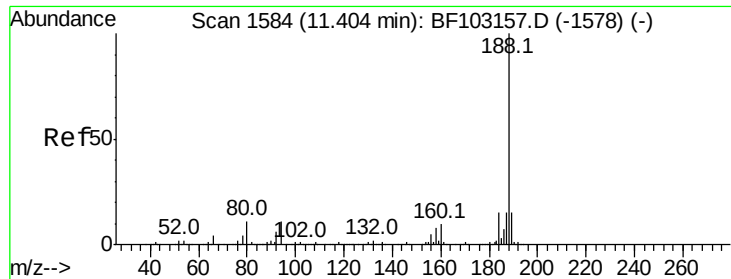
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

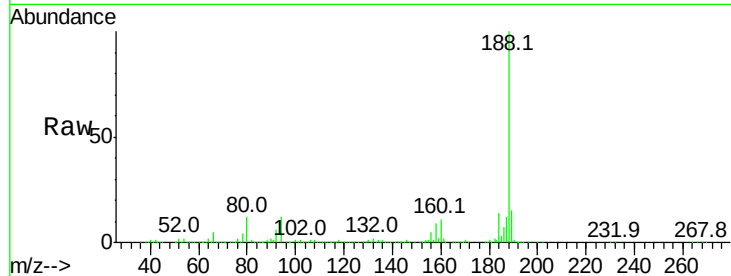
Tot Ion:188 Resp: 402592

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

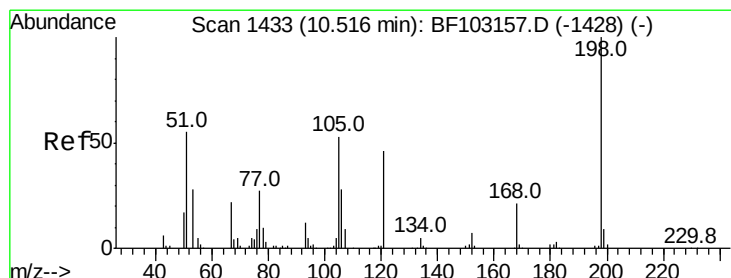
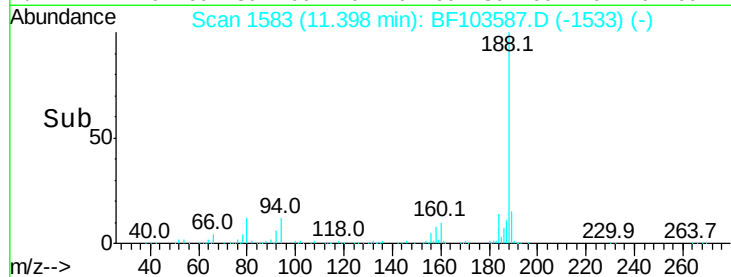
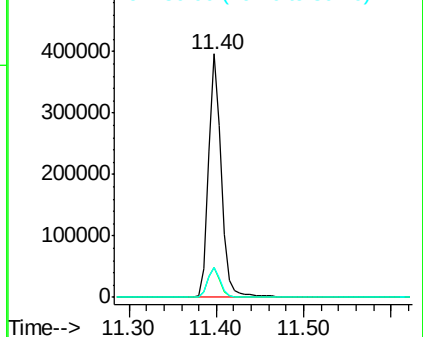
80 12.3 9.2 13.8



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: 39.137 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

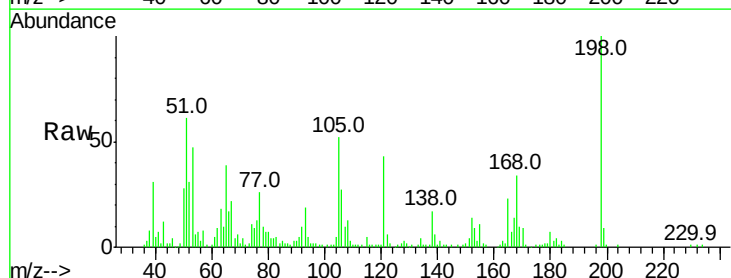
Tgt Ion:198 Resp: 93376

Ion Ratio Lower Upper

198 100

51 60.5 37.7 77.7

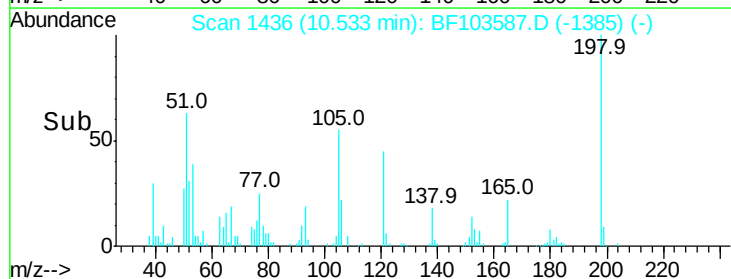
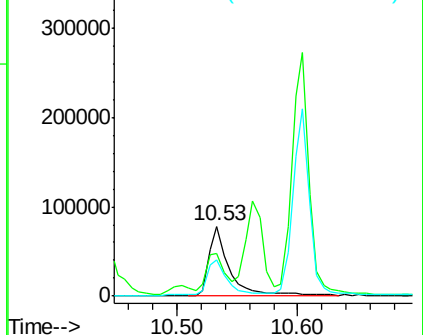
105 51.7 36.3 76.3

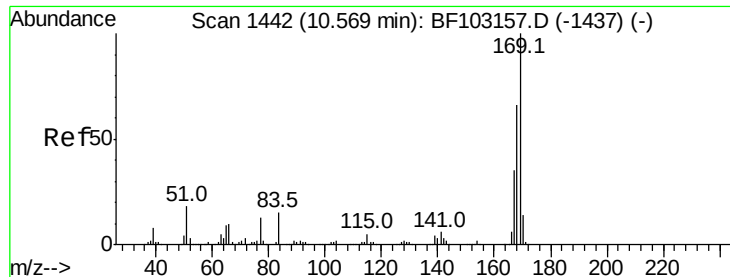


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.581 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

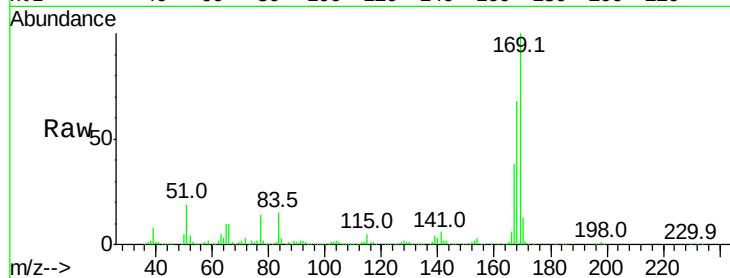
Tot Ion:169 Resp: 624918

Ion Ratio Lower Upper

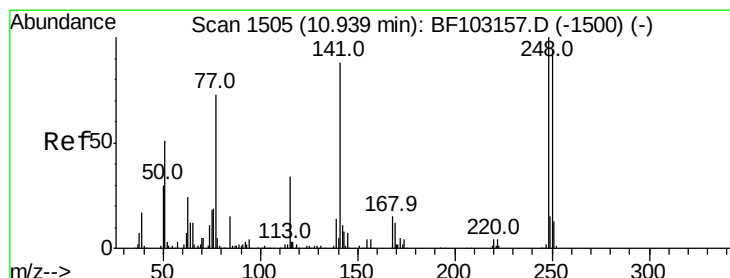
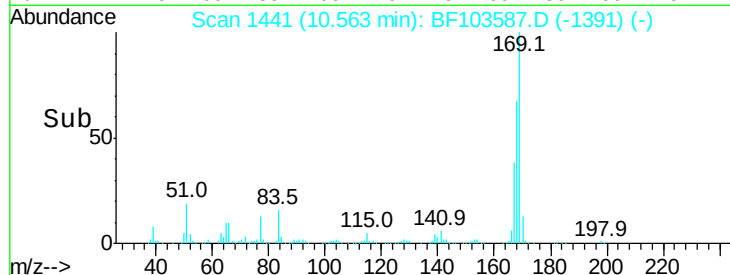
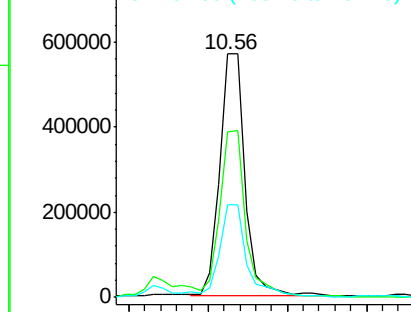
169 100

168 67.8 54.4 81.6

167 37.9 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 45.052 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

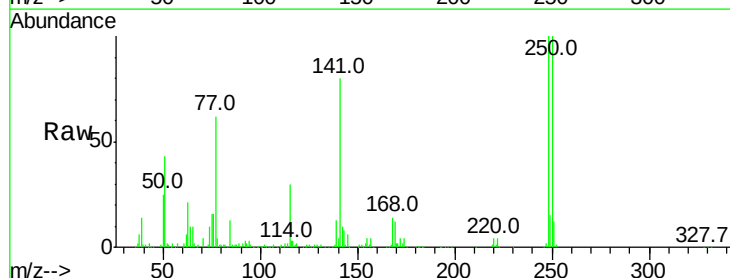
Tgt Ion:248 Resp: 188941

Ion Ratio Lower Upper

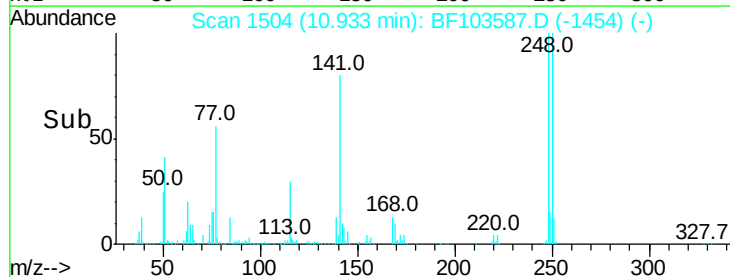
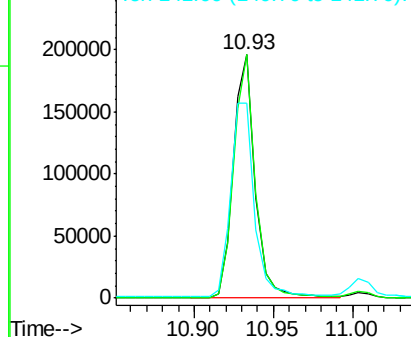
248 100

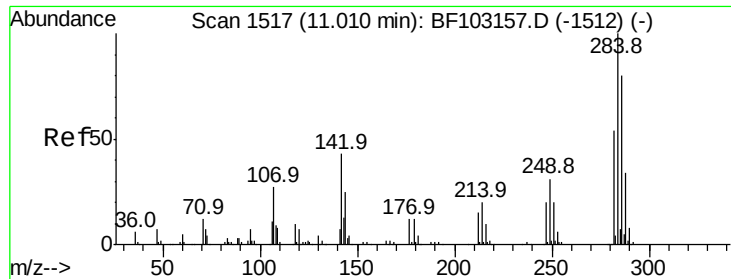
250 100.0 76.9 115.3

141 80.2 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

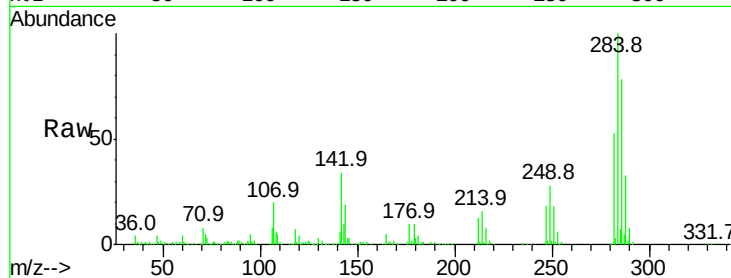




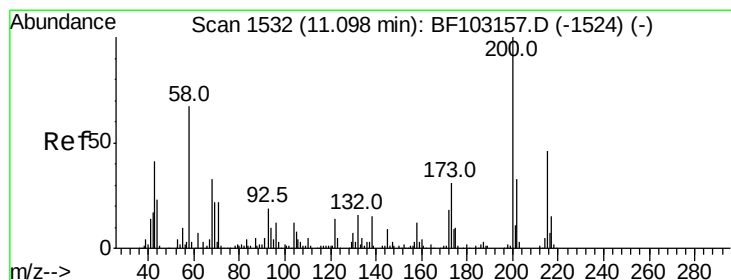
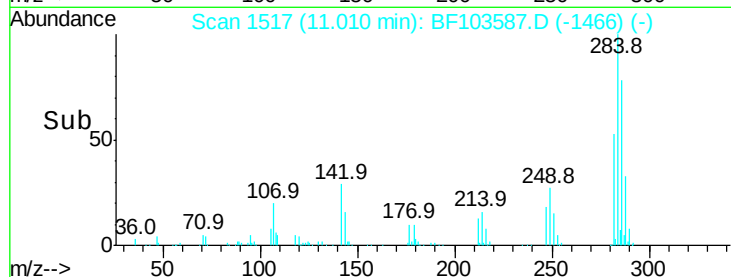
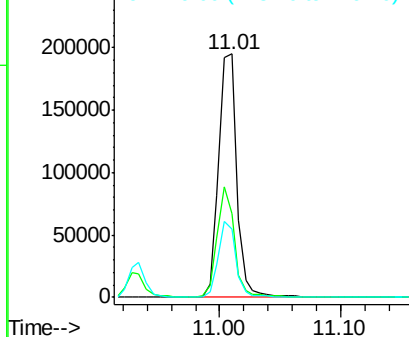
#67
Hexachlorobenzene
Concen: 44.641 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.5	34.6	52.0#
249	28.3	24.8	37.2

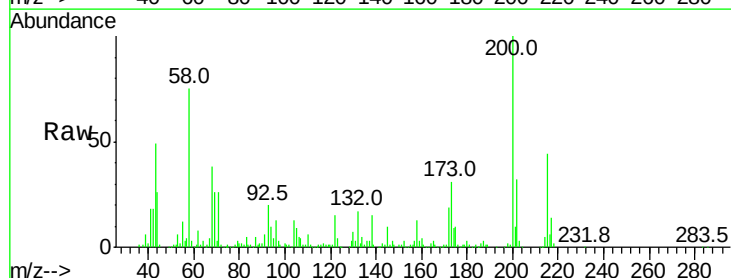


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

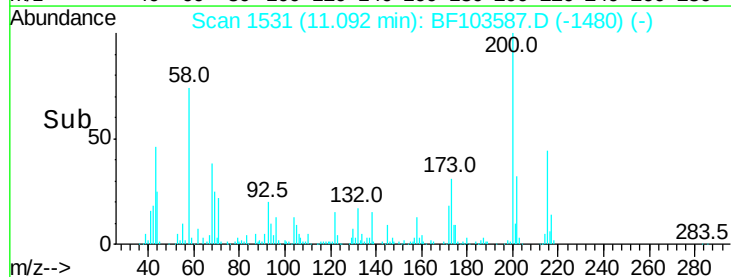
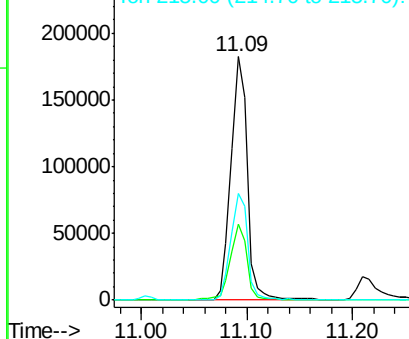


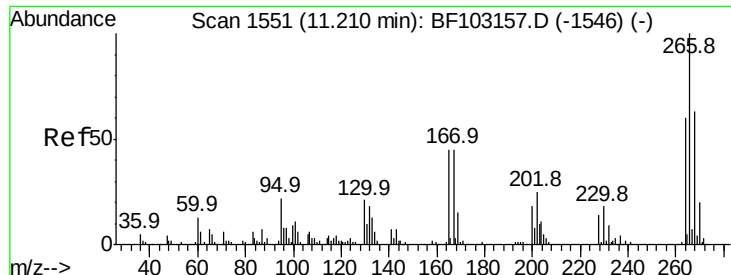
#68
Atrazine
Concen: 46.674 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.3	8.6	48.6
215	43.8	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

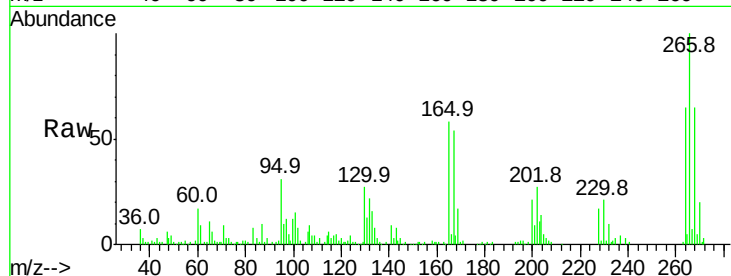




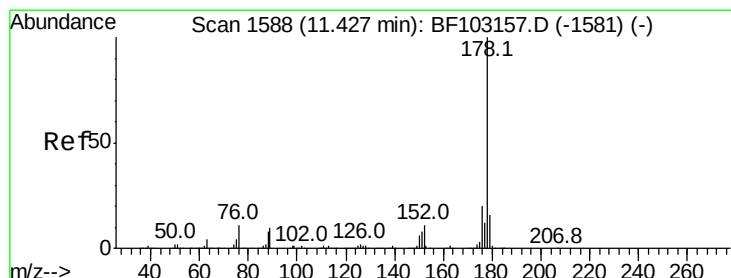
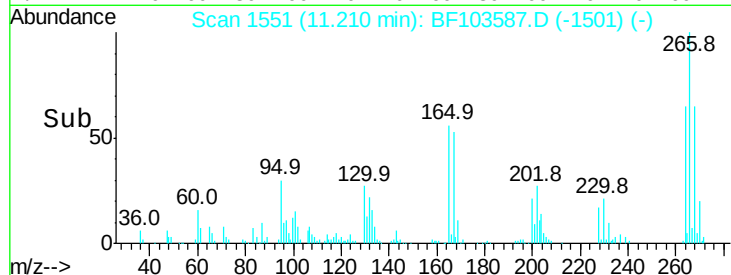
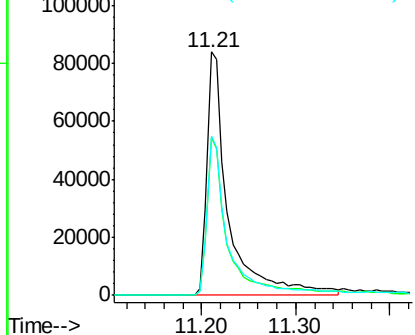
#69
 Pentachlorophenol
 Concen: 61.665 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 135722
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 65.2 49.5 74.3

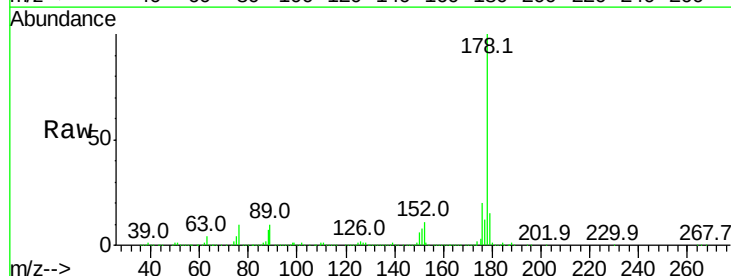


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

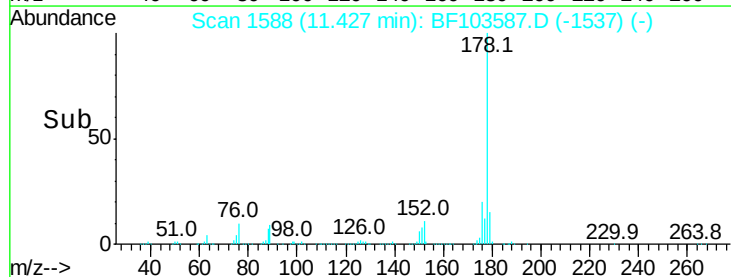
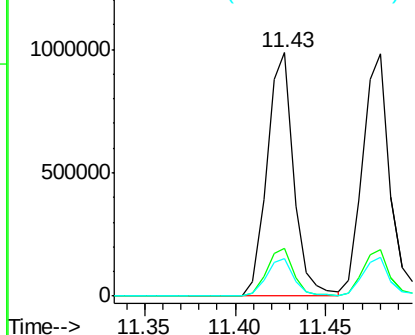


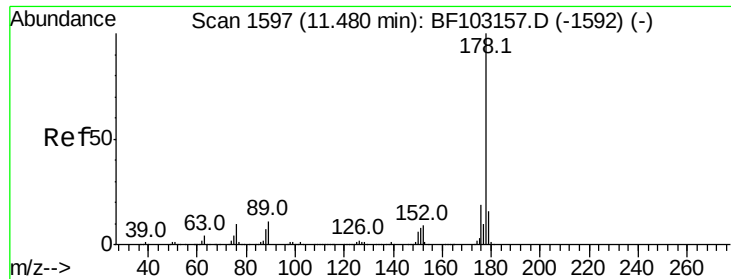
#70
 Phenanthrene
 Concen: 45.764 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:178 Resp: 1013937
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.3 13.0 19.6



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

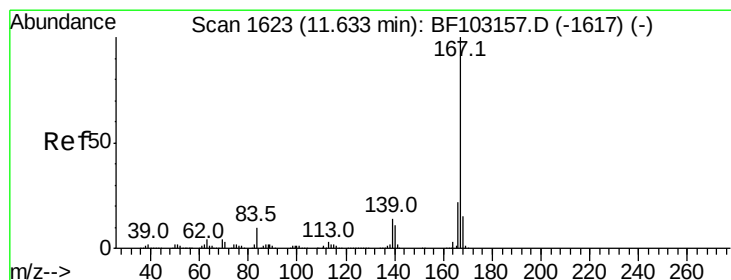
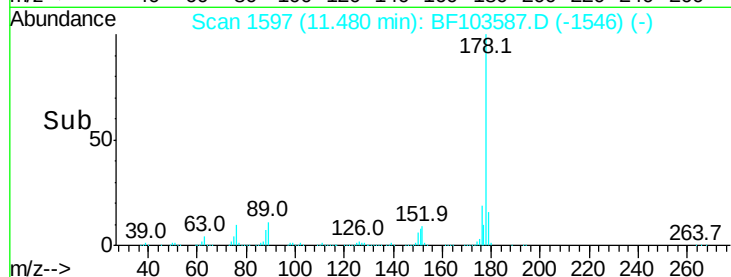
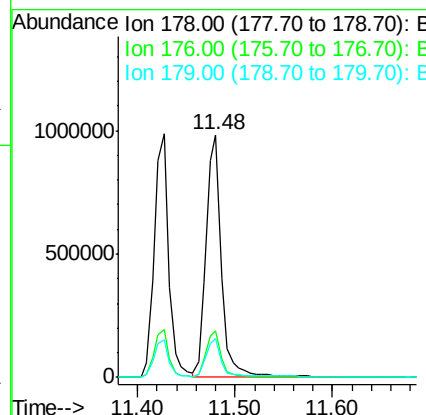
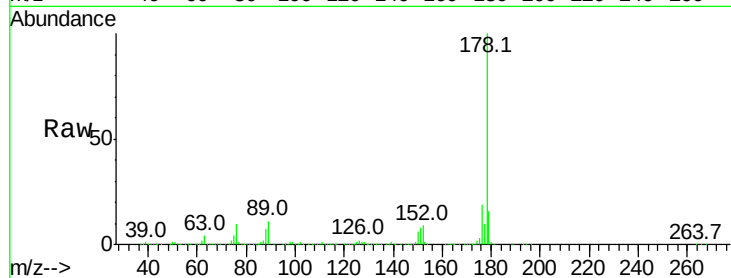




#71
 Anthracene
 Concen: 47.048 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

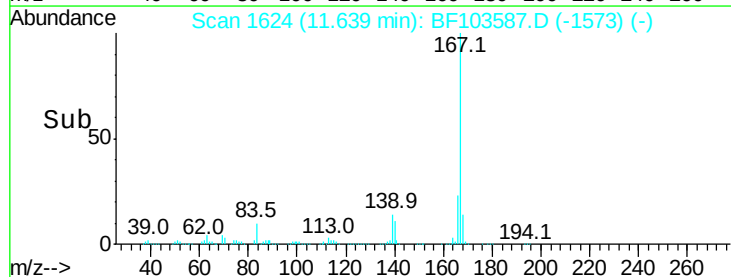
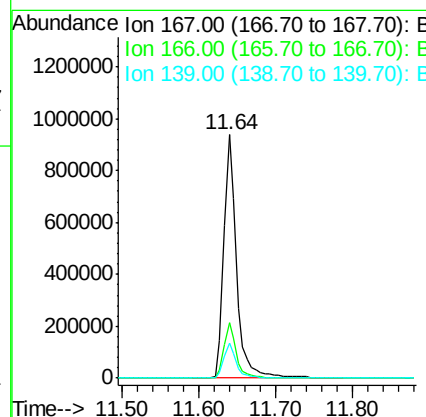
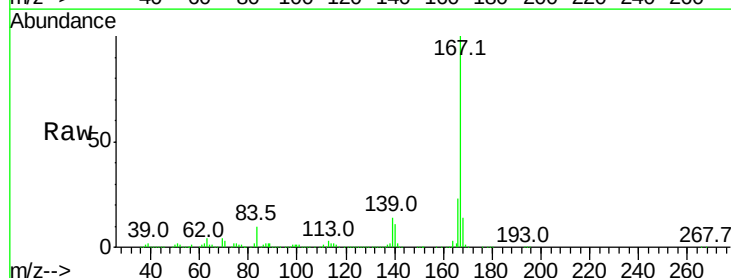
Instrument :
 BNA_F
 ClientSampleId :

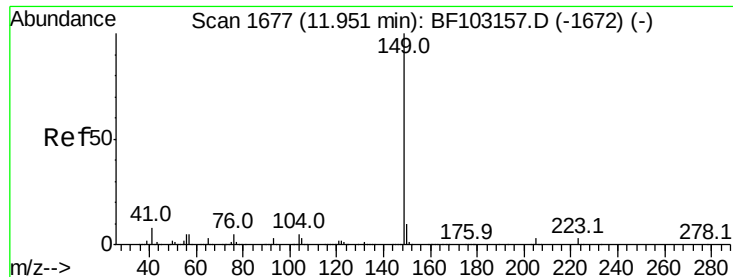
Tot Ion:178 Resp: 1068894
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 47.210 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:167 Resp: 1068123
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.541 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

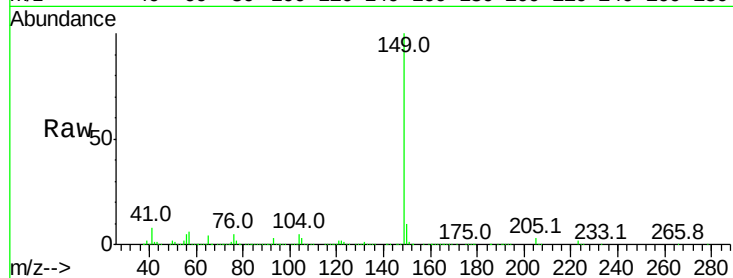
Tot Ion:149 Resp: 1289291

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

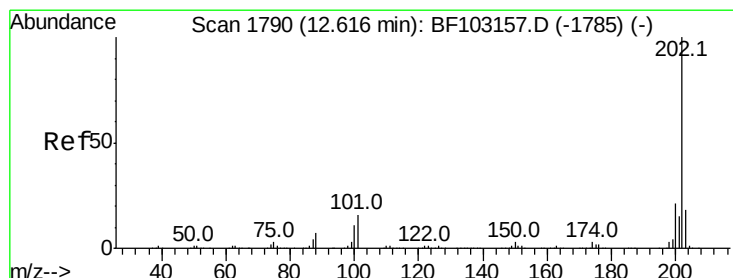
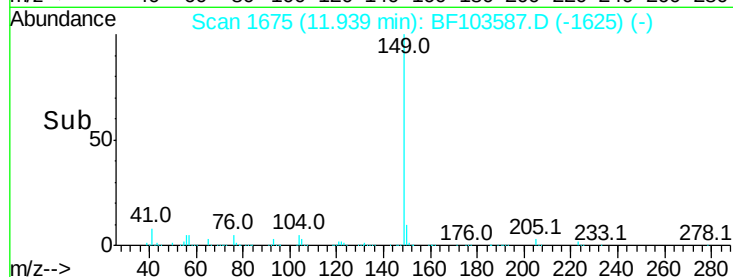
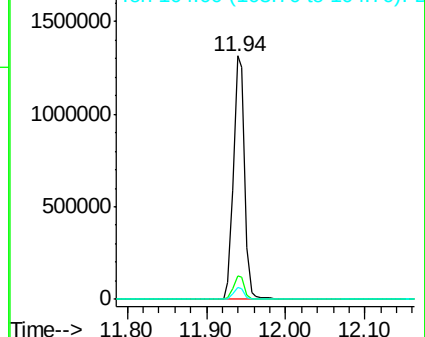
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.817 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

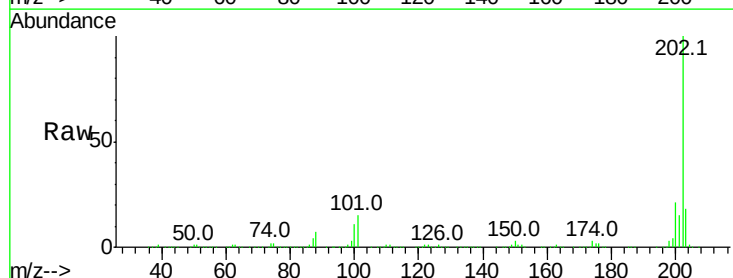
Tgt Ion:202 Resp: 1064600

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

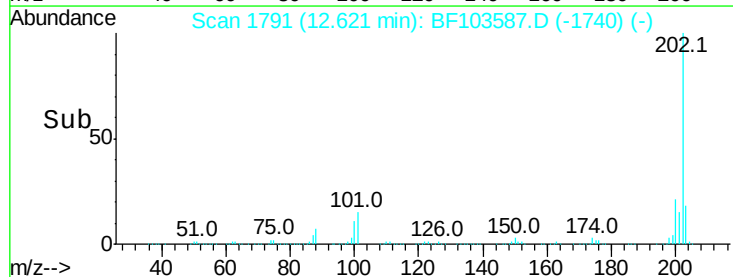
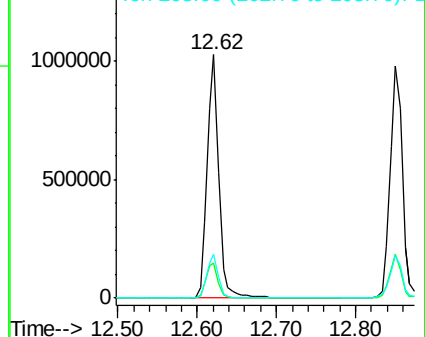
203 17.8 0.0 38.1

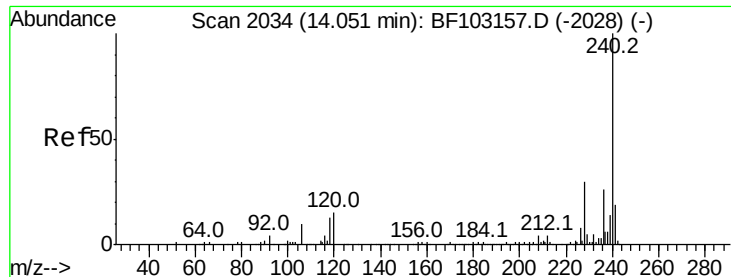


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

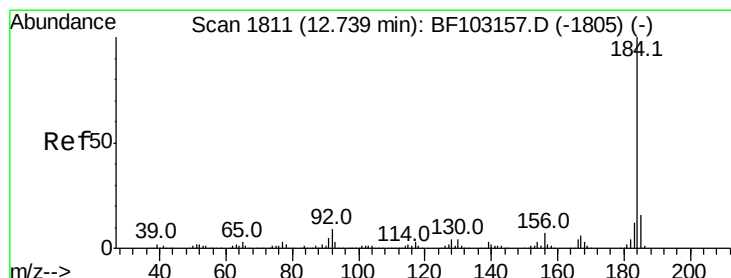
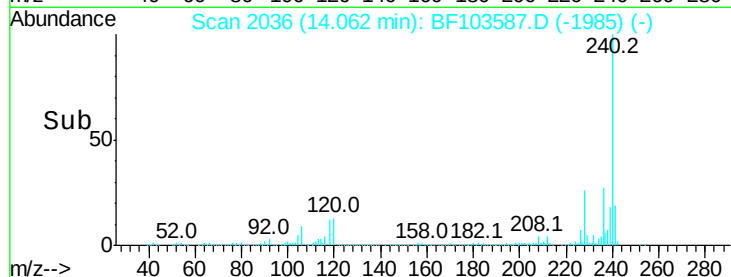
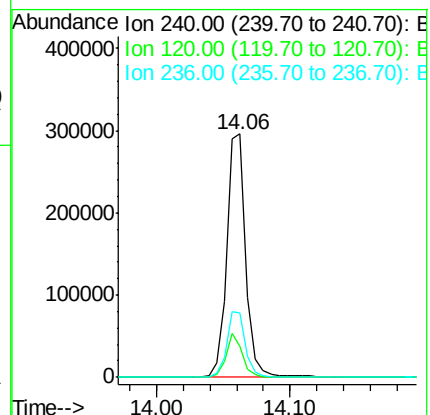
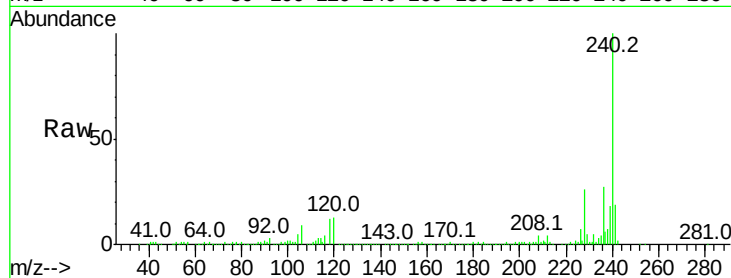
Tot Ion:240 Resp: 296848

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

236 26.5 20.7 31.1



#76

Benzidine

Concen: 22.980 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

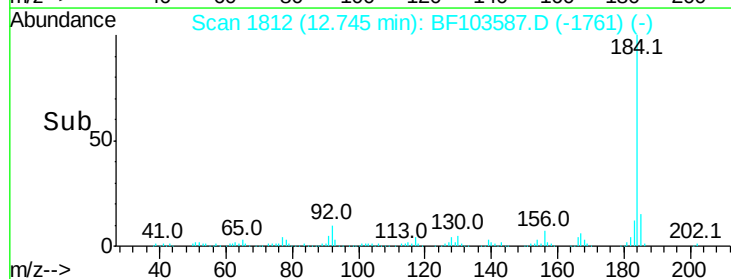
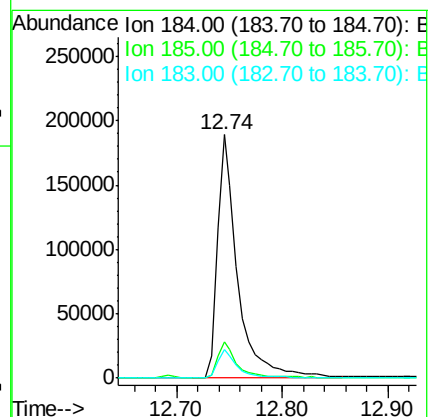
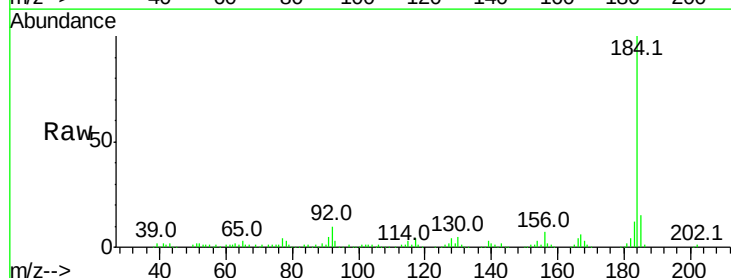
Tgt Ion:184 Resp: 255027

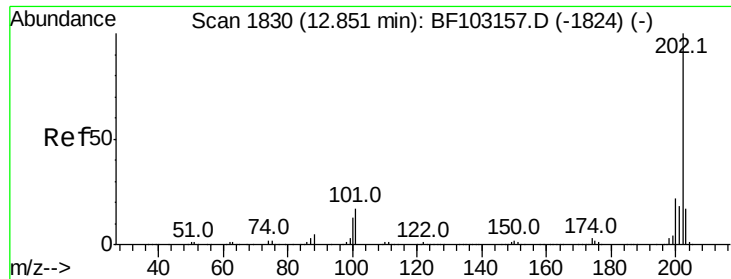
Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.7 9.3 13.9



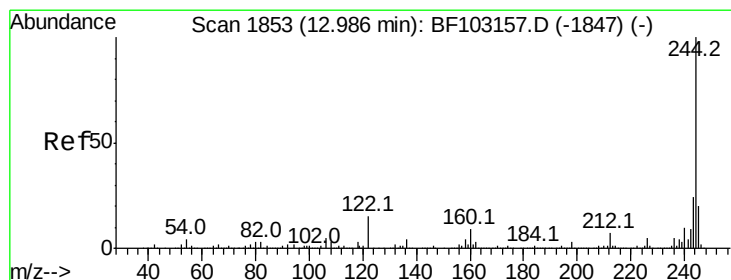
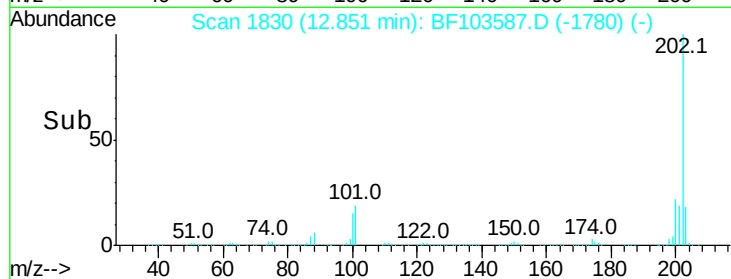
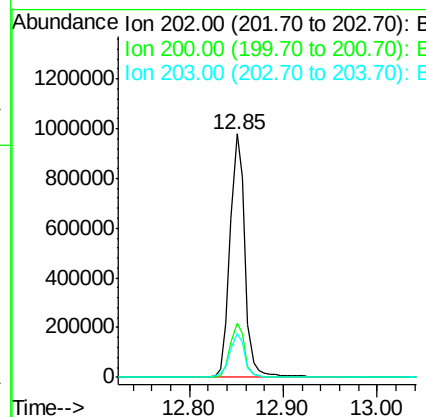
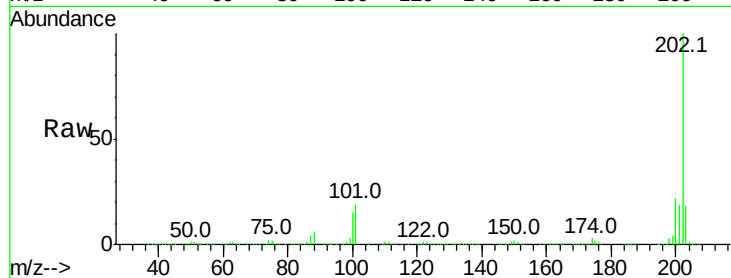


#77
 Pvrene
 Concen: 46.580 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1078048

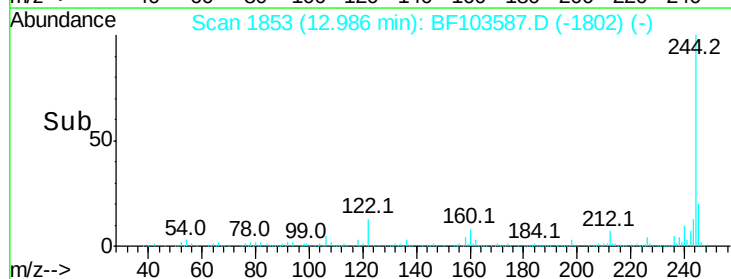
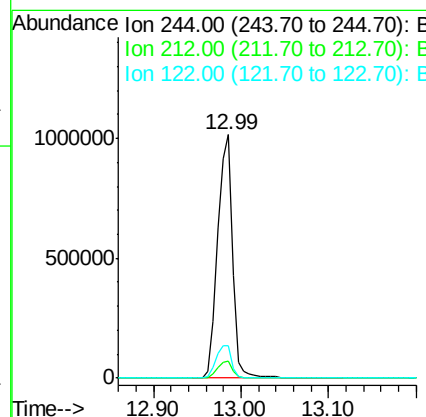
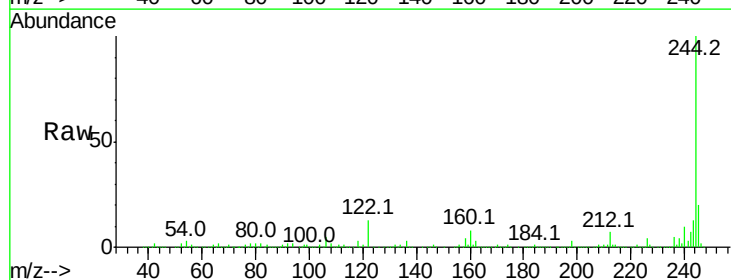
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.3	14.3	21.5

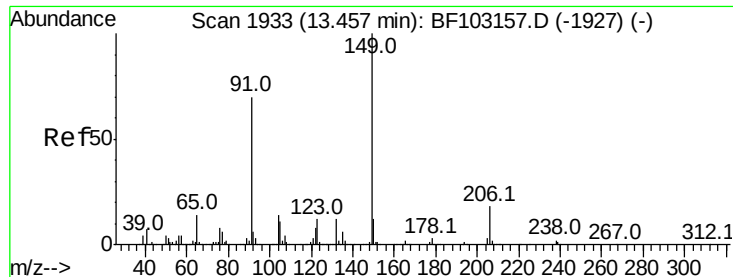


#78
 Terphenyl-d14
 Concen: 98.139 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:244 Resp: 1211890

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 47.918 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Instrument :

BNA_F

ClientSampleId :

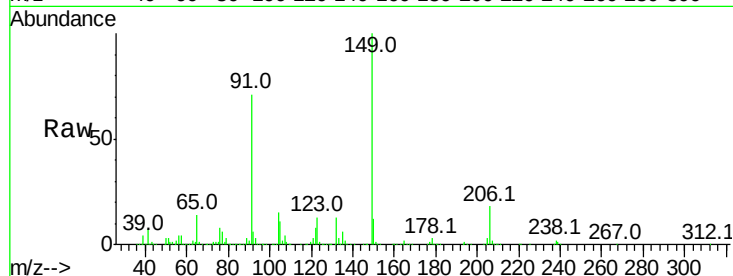
Tot Ion:149 Resp: 585940

Ion Ratio Lower Upper

149 100

91 70.6 56.8 85.2

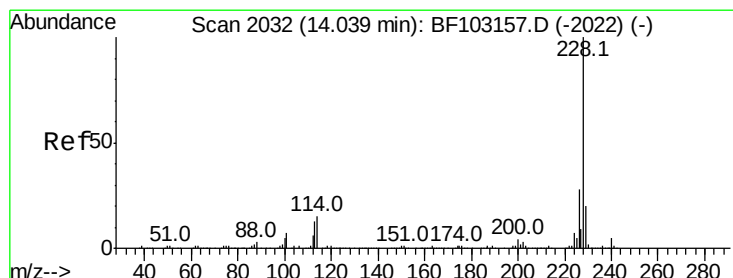
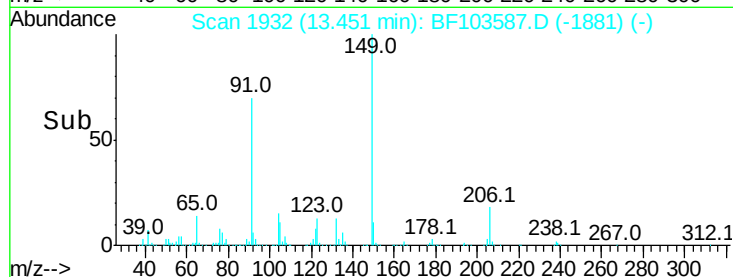
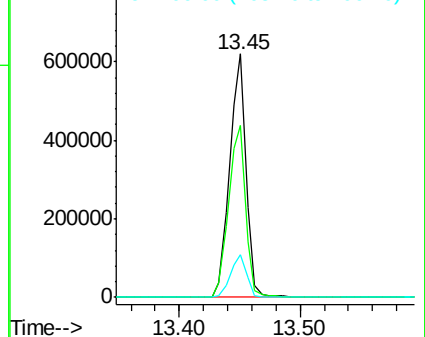
206 17.8 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.153 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

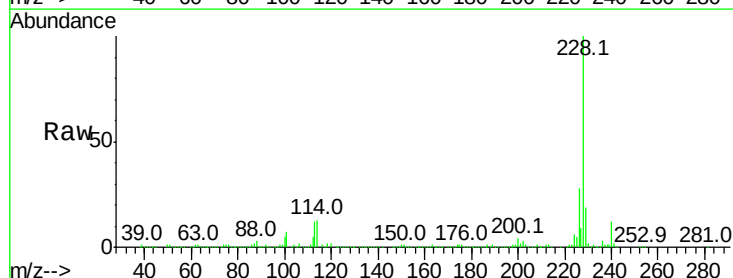
Tgt Ion:228 Resp: 927456

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

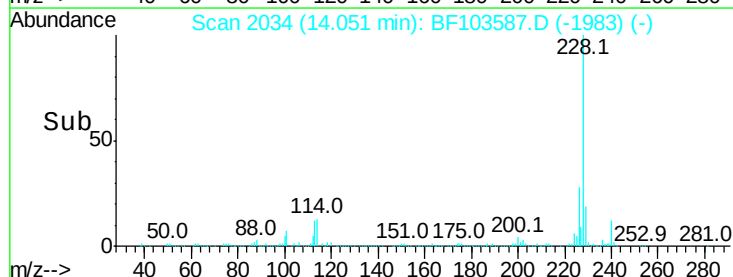
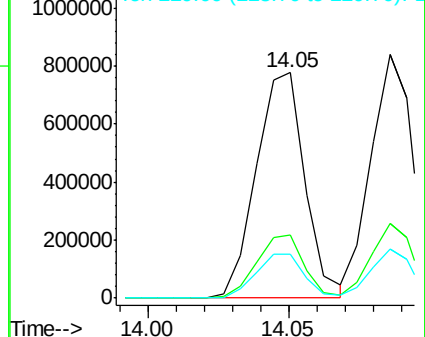
229 19.5 15.8 23.6

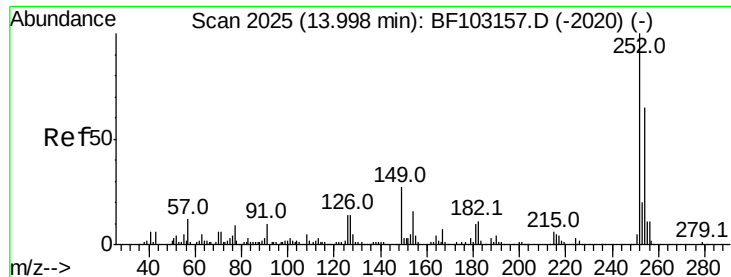


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 25.979 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

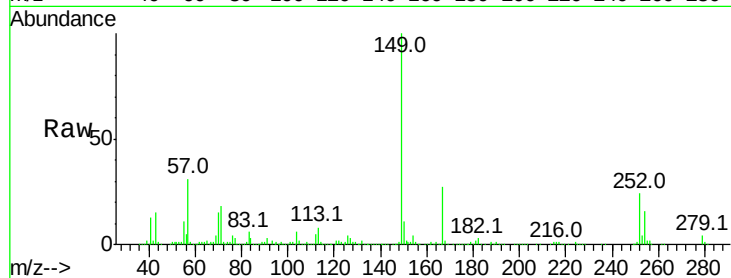
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 178572

Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.4	75.6
126	14.8	11.3	16.9

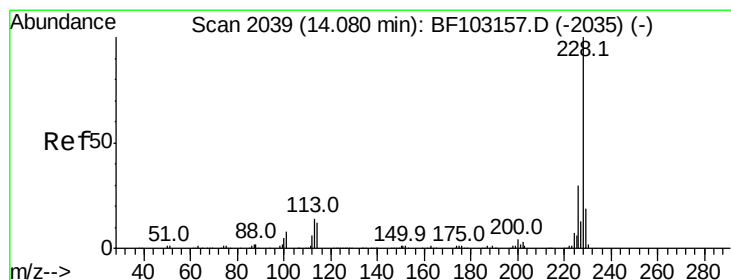
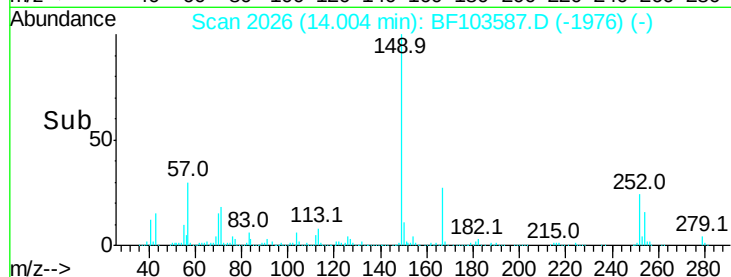
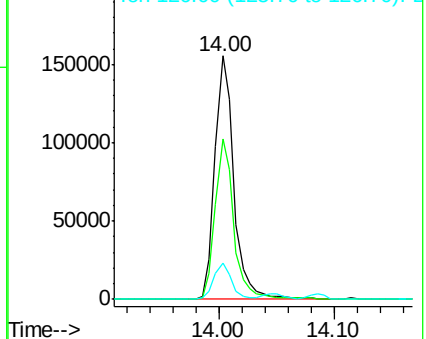


Abundance

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: 48.971 ng

RT: 14.09 min Scan# 2040

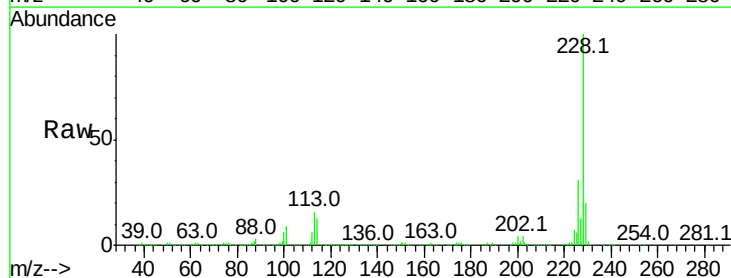
Delta R.T. -0.00 min

Lab File: BF103587.D

Acq: 12 Mar 2018 17:41

Tgt Ion:228 Resp: 915831

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.2	16.2	24.4

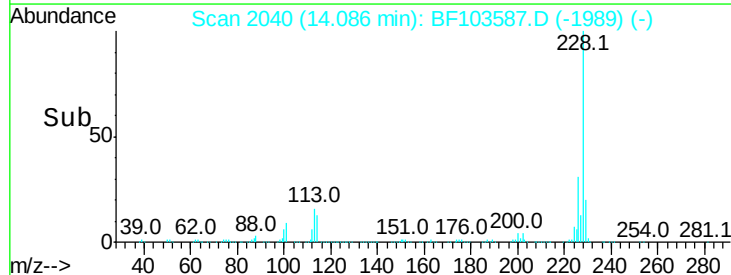
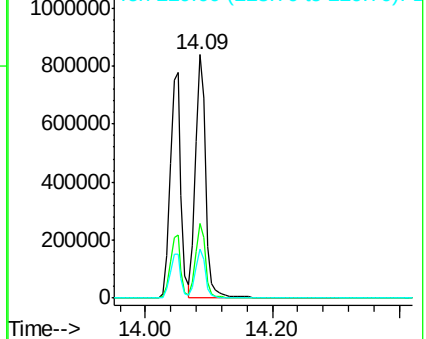


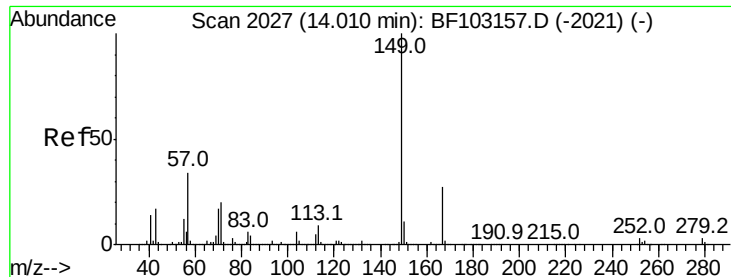
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

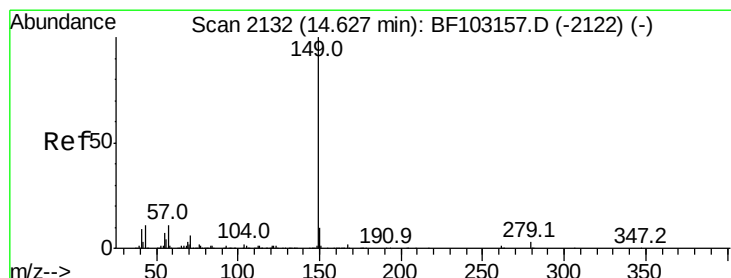
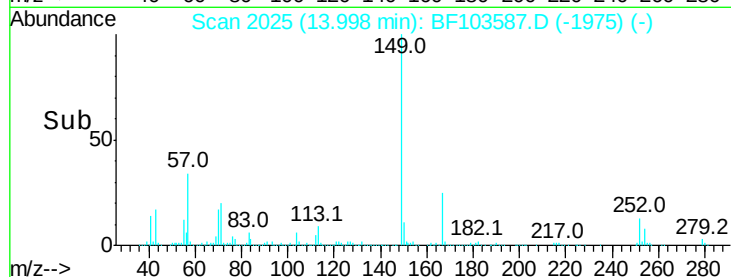
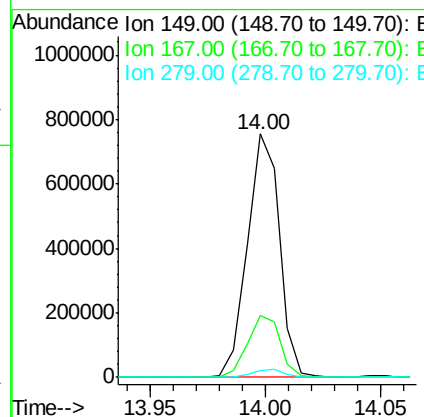
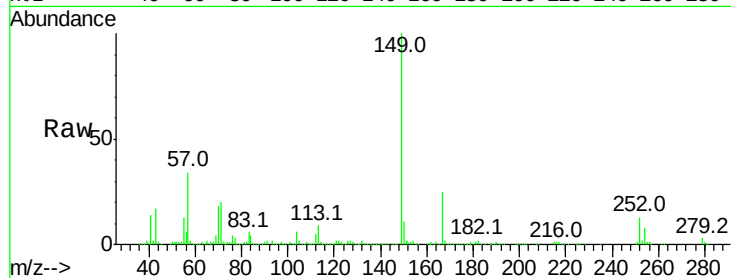




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.459 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

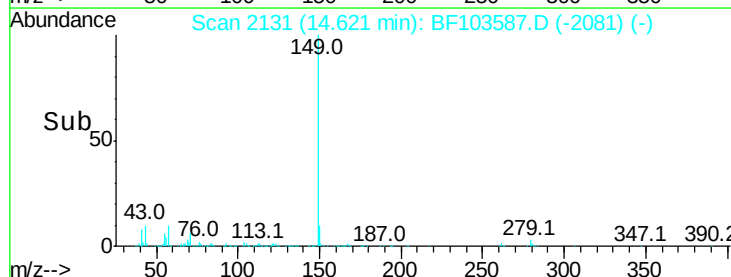
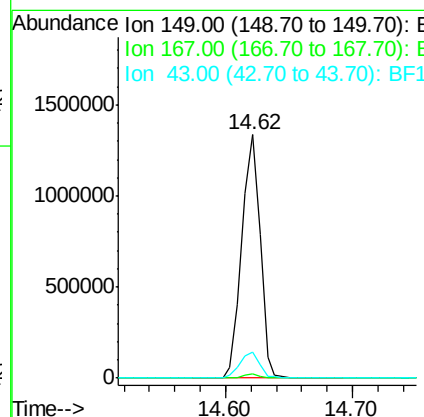
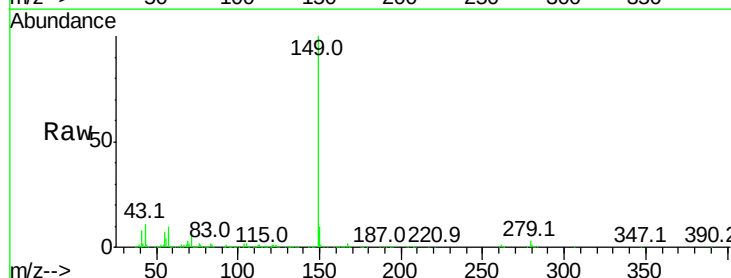
Instrument :
 BNA_F
 ClientSampleId :

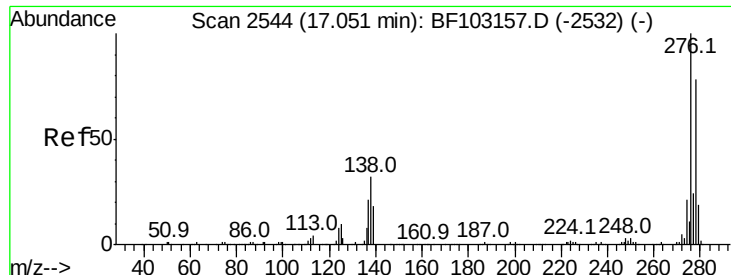
Tot Ion:149 Resp: 733634
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 49.815 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion:149 Resp: 1328104
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.6 8.4 12.6

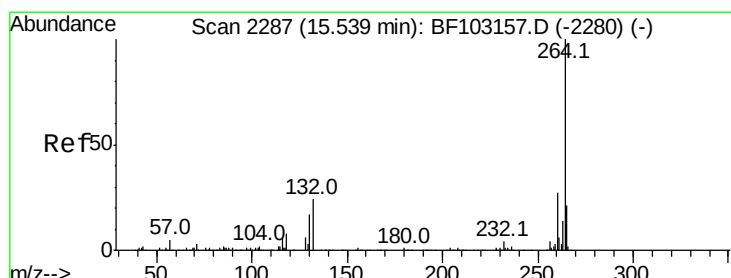
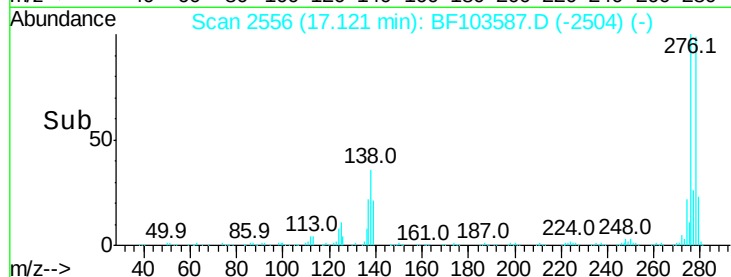
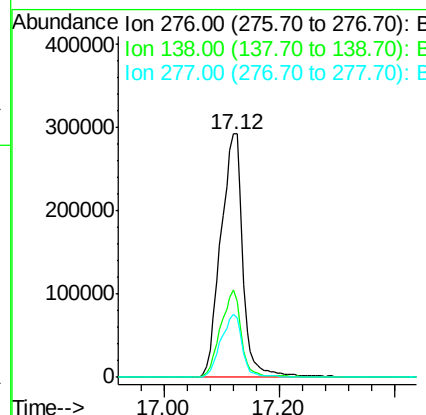
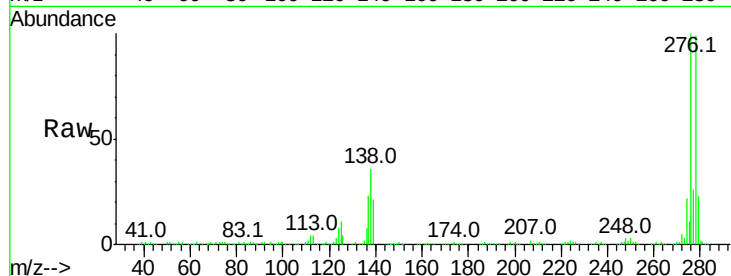




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.903 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

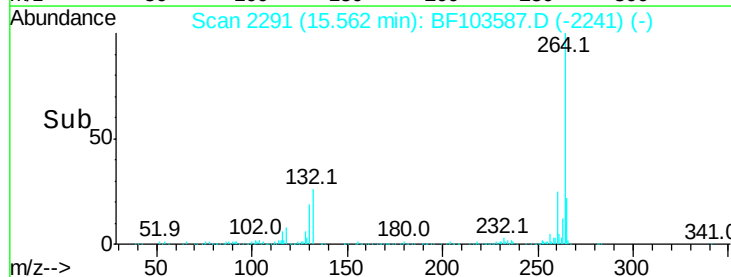
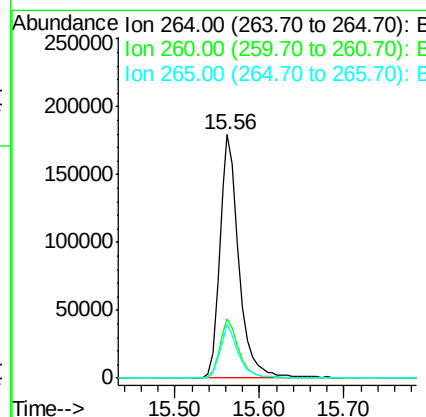
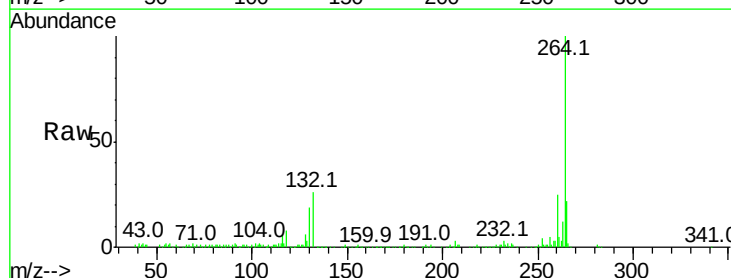
Instrument :
 BNA_F
 ClientSampleId :

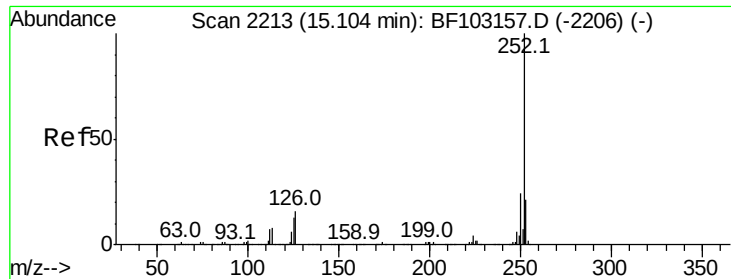
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3

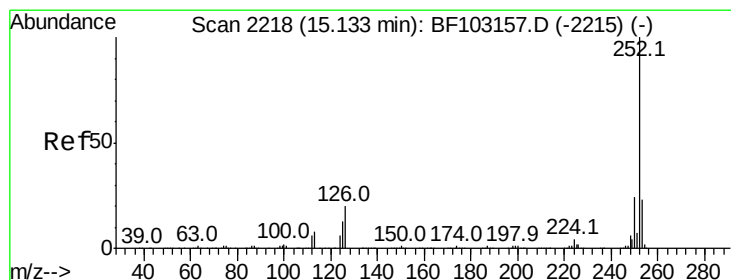
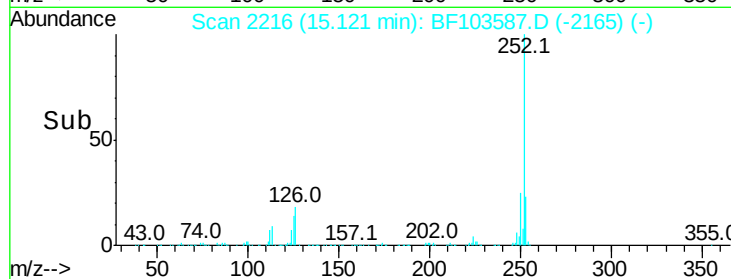
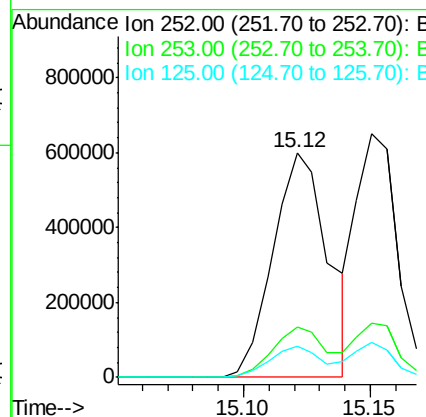
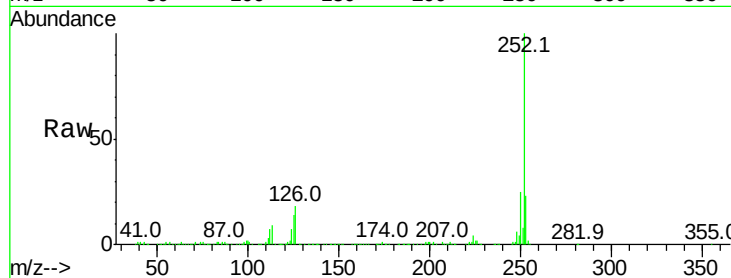




#87
Benzo(b)fluoranthene
Concen: 48.381 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

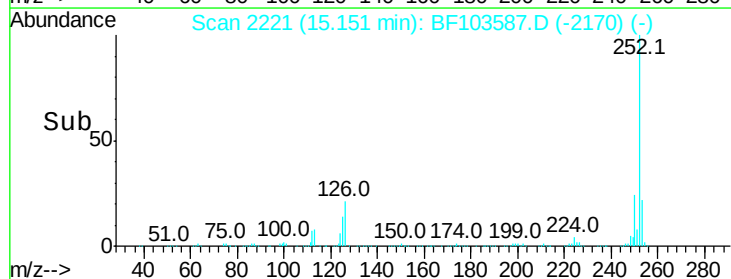
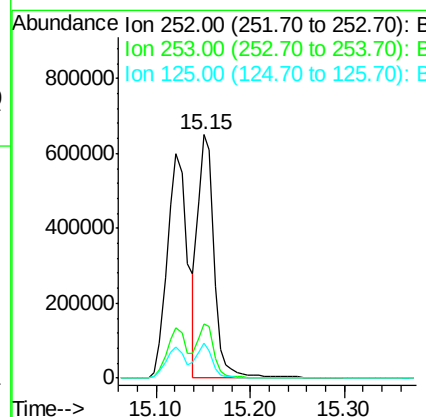
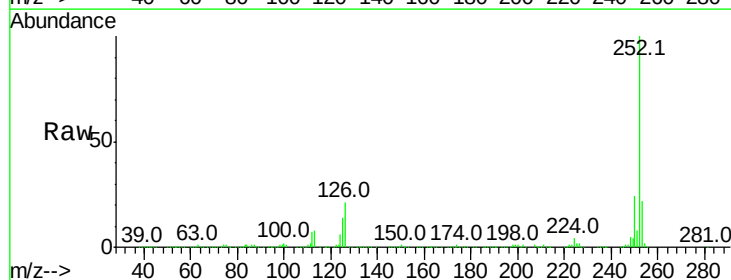
Instrument :
BNA_F
ClientSampleId :

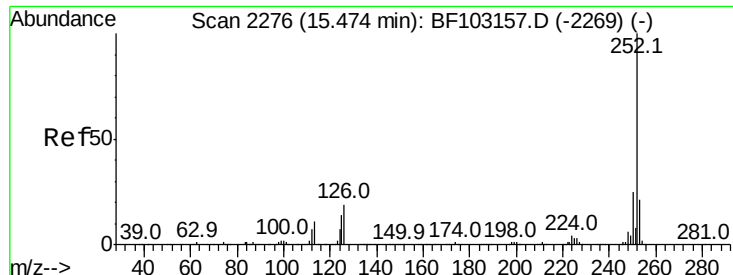
Tot Ion:252 Resp: 908217
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 43.565 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:252 Resp: 770106
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 14.4 10.2 15.2

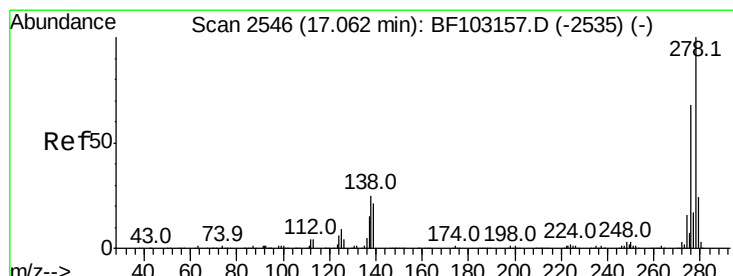
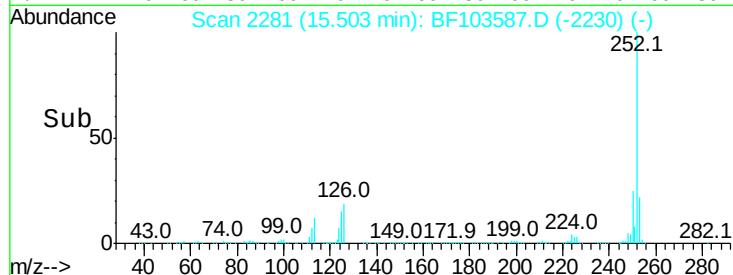
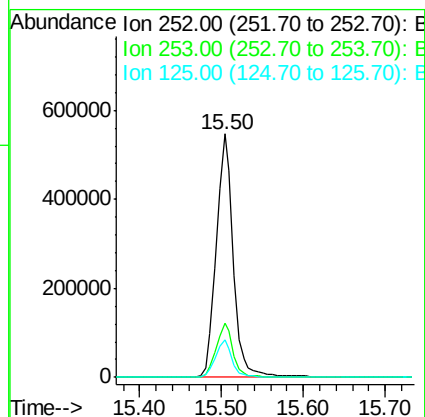
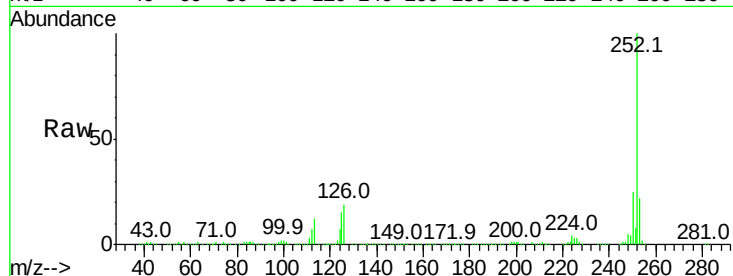




#89
Benzo(a)pyrene
Concen: 47.426 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

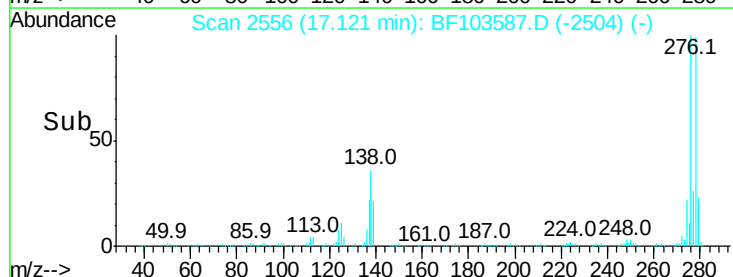
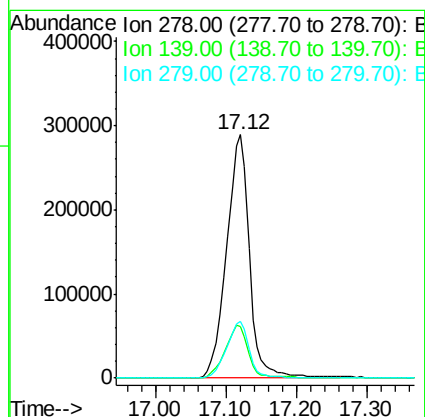
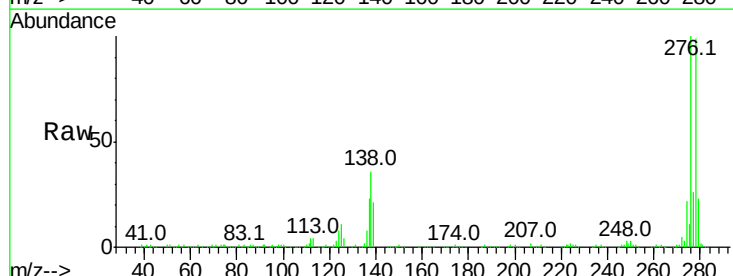
Instrument :
BNA_F
ClientSampleId :

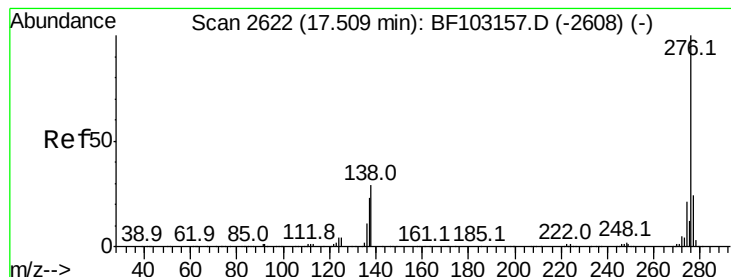
Tot Ion:252 Resp: 795034
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 15.3 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 50.352 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103587.D
Acq: 12 Mar 2018 17:41

Tgt Ion:278 Resp: 652225
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 23.3 19.0 28.4

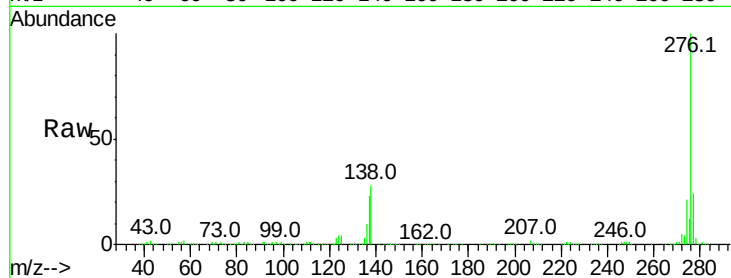




#91
 Benzo(a,h,i)perylene
 Concen: 54.175 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. -0.00 min
 Lab File: BF103587.D
 Acq: 12 Mar 2018 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	28.2	21.8	32.8



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

