

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103193.D
 Acq On : 23 Feb 2018 12:25
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL-S-8ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 12:53:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173095	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	763415	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	353890	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	604884	20.00	ng	0.00
75) Chrysene-d12	14.07	240	453170	20.00	ng	0.02
86) Perylene-d12	15.60	264	433284	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1282471	112.06	ng	0.00
7) Phenol-d6	6.50	99	1569851	112.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	1177826	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	343717	114.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1753046	85.42	ng	0.00
78) Terphenyl-d14	12.99	244	1406746	74.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	45502	7.528	ng	94
3) Pyridine	3.53	79	107313	6.650	ng	97
4) n-Nitrosodimethylamine	3.38	42	37760	5.802	ng	# 99
6) Aniline	6.54	93	169147	8.369	ng	98
8) 2-Chlorophenol	6.66	128	96088	8.082	ng	97
9) Benzaldehyde	6.43	77	56939	4.914	ng	100
10) Phenol	6.52	94	131503	8.089	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	104454	8.465	ng	91
12) 1,3-Dichlorobenzene	6.81	146	113212	8.332	ng	99
13) 1,4-Dichlorobenzene	6.89	146	114761	8.425	ng	99
14) 1,2-Dichlorobenzene	7.04	146	104016	8.281	ng	96
15) Benzyl Alcohol	7.01	79	101899	9.656	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	176047	8.308	ng	99
17) 2-Methylphenol	7.12	107	89223	8.258	ng	98
18) Hexachloroethane	7.38	117	41423	8.353	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	81277	9.325	ng	92
20) 3+4-Methylphenols	7.27	107	117038	8.886	ng	# 37
22) Acetophenone	7.27	105	158283	8.883	ng	# 90
24) Nitrobenzene	7.45	77	121552	8.259	ng	95
25) Isophorone	7.69	82	211620	8.038	ng	97
26) 2-Nitrophenol	7.77	139	52080	7.517	ng	96
27) 2,4-Dimethylphenol	7.80	122	78250	7.389	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	126981	8.203	ng	98
29) 2,4-Dichlorophenol	8.01	162	78934	7.785	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	86920	8.050	ng	99
31) Naphthalene	8.17	128	312720	8.367	ng	99
32) Benzoic acid	7.89	122	45954	11.920	ng	98
33) 4-Chloroaniline	8.23	127	128468	7.965	ng	98
34) Hexachlorobutadiene	8.29	225	45575	8.105	ng	98
35) Caprolactam	8.57	113	26493	7.434	ng	# 85
36) 4-Chloro-3-methylphenol	8.70	107	90579	7.920	ng	94
37) 2-Methylnaphthalene	8.86	142	208891	8.648	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	79696	8.238	ng	99
40) Hexachlorocyclopentadiene	9.02	237	7918	10.946	ng	94

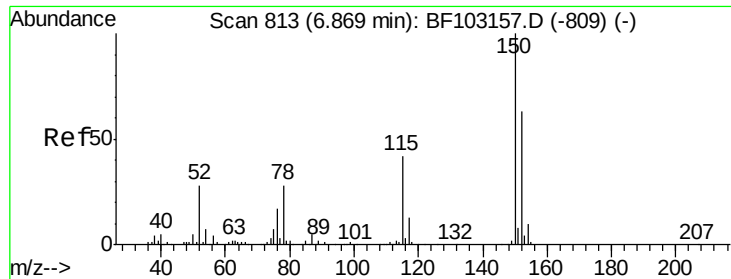
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103193.D
 Acq On : 23 Feb 2018 12:25
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	50484	7.755	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	55137	7.364	nq	99
45) 1,1'-Biphenyl	9.33	154	261751	8.827	nq	98
46) 2-Chloronaphthalene	9.36	162	194876	8.307	nq	97
47) 2-Nitroaniline	9.45	65	67876	7.811	nq	88
48) Acenaphthylene	9.77	152	310626	8.605	nq	98
49) Dimethylphthalate	9.62	163	233220	8.215	nq	99
50) 2,6-Dinitrotoluene	9.69	165	47881	8.037	nq	96
51) Acenaphthene	9.94	154	181873	8.641	nq	99
52) 3-Nitroaniline	9.86	138	58453	7.733	nq	99
53) 2,4-Dinitrophenol	9.98	184	8910	13.264	nq	# 12
54) Dibenzofuran	10.12	168	262585	9.088	nq	99
55) 4-Nitrophenol	10.04	139	27337	5.835	nq	95
56) 2,4-Dinitrotoluene	10.10	165	61225	8.126	nq	95
57) Fluorene	10.46	166	209512	8.512	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	38942	7.742	nq	93
59) Diethylphthalate	10.32	149	232378	8.558	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	91739	8.789	nq	97
61) 4-Nitroaniline	10.47	138	55250	7.318	nq	95
62) Azobenzene	10.61	77	235415	8.518	nq	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	21163	10.103	nq	85
65) n-Nitrosodiphenylamine	10.56	169	178730	8.486	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	50905	8.079	nq	95
67) Hexachlorobenzene	11.01	284	55598	8.129	nq	92
68) Atrazine	11.09	200	48906	7.726	nq	98
69) Pentachlorophenol	11.20	266	19495	5.895	nq	93
70) Phenanthrene	11.42	178	287774	8.645	nq	98
71) Anthracene	11.47	178	293105	8.587	nq	99
72) Carbazole	11.63	167	285171	8.389	nq	100
73) Di-n-butylphthalate	11.95	149	357981	8.416	nq	99
74) Fluoranthene	12.62	202	278605	8.329	nq	99
76) Benzidine	12.73	184	72934	4.305	nq	# 93
77) Pyrene	12.84	202	289383	8.190	nq	99
79) Butylbenzylphthalate	13.46	149	142498	7.634	nq	95
80) Benzo(a)anthracene	14.06	228	227211	7.727	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	78501	7.481	nq	98
82) Chrysene	14.10	228	225718	7.906	nq	97
83) Bis(2-ethylhexyl)phthalate	14.03	149	202771	8.049	nq	# 99
84) Di-n-octyl phthalate	14.69	149	317108	7.791	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	194508	8.606	nq	97
87) Benzo(b)fluoranthene	15.16	252	207705	7.291	nq	98
88) Benzo(k)fluoranthene	15.19	252	218407	8.142	nq	99
89) Benzo(a)pyrene	15.54	252	195945	7.702	nq	# 97
90) Dibenzo(a,h)anthracene	17.13	278	157016	7.987	nq	99
91) Benzo(g,h,i)perylene	17.58	276	161284	8.395	nq	98

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

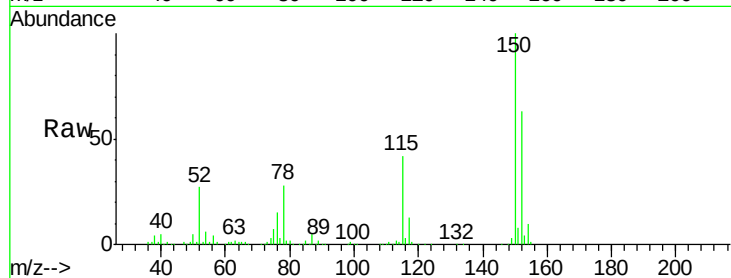


#1

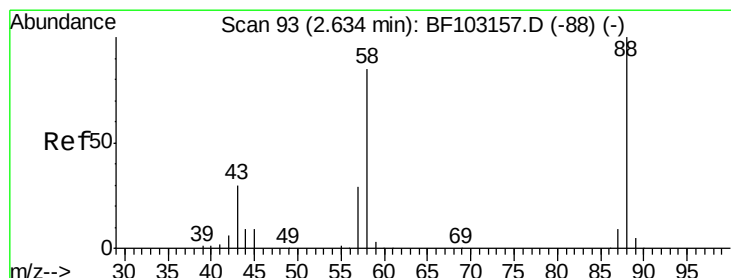
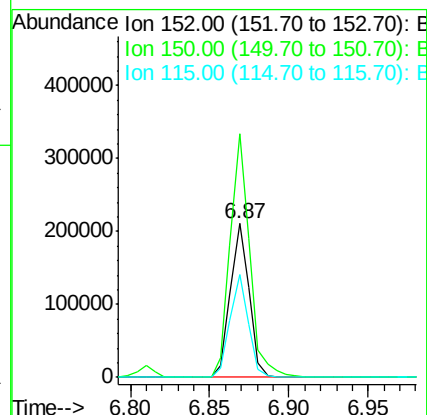
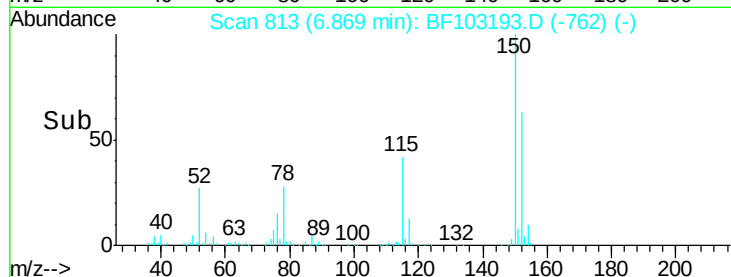
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	66.7	50.1	75.1



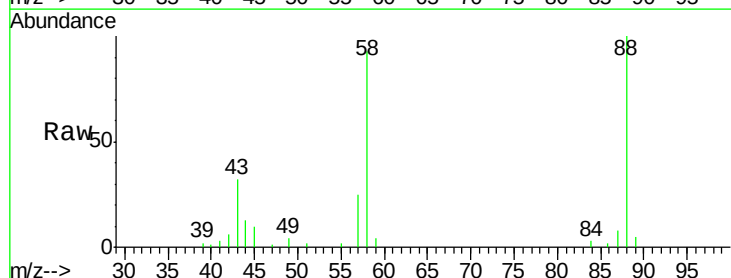
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



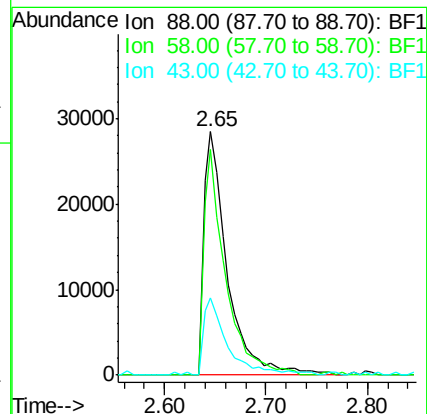
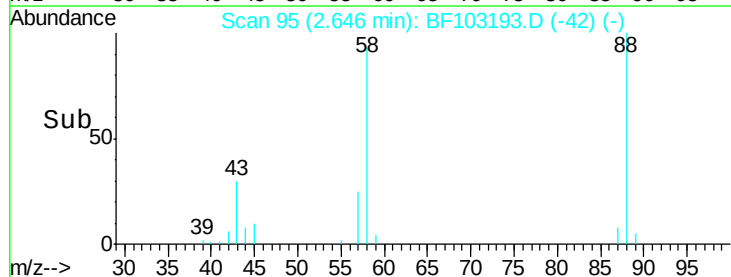
#2

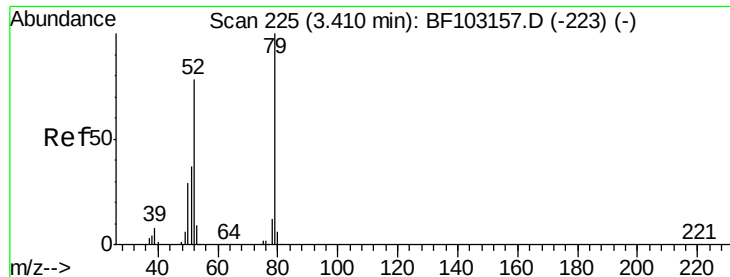
1,4-Dioxane
Concen: 7.528 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	62.6	93.8
43	31.2	24.6	37.0



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





#3

Pvridine

Concen: 6.650 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.12 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

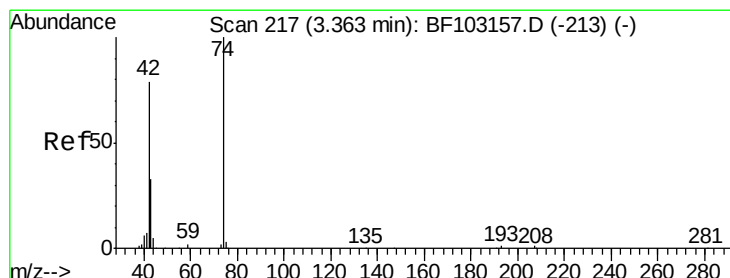
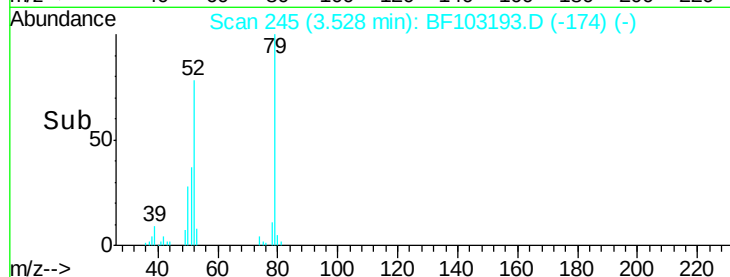
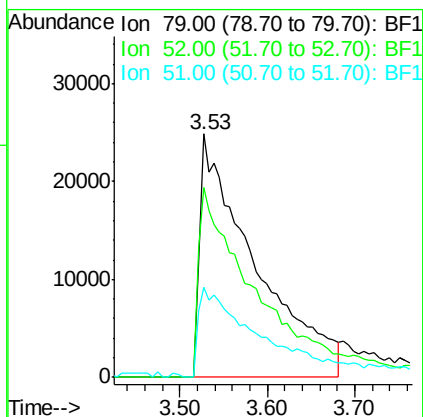
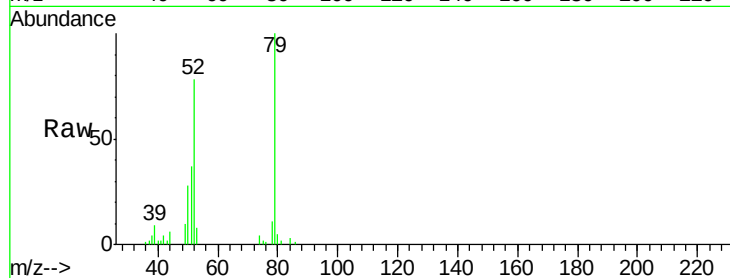
Tot Ion: 79 Resp: 107313

Ion Ratio Lower Upper

79 100

52 77.7 59.8 89.6

51 36.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 5.802 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

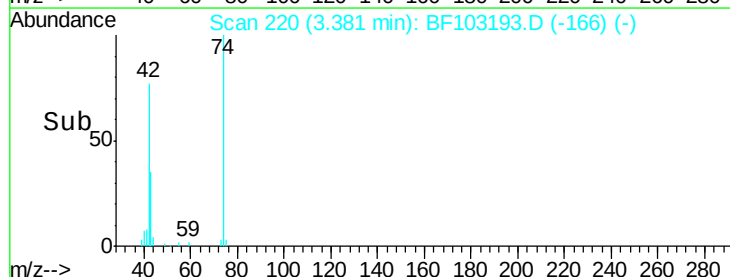
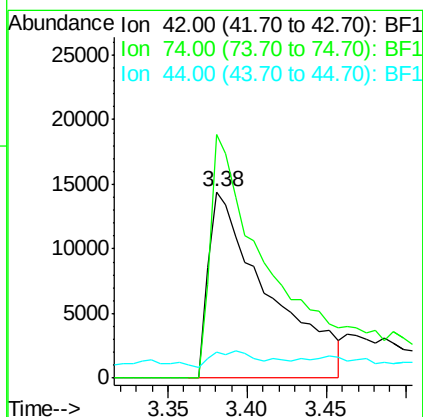
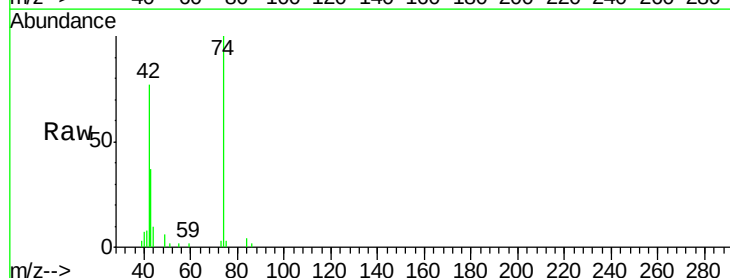
Tgt Ion: 42 Resp: 37760

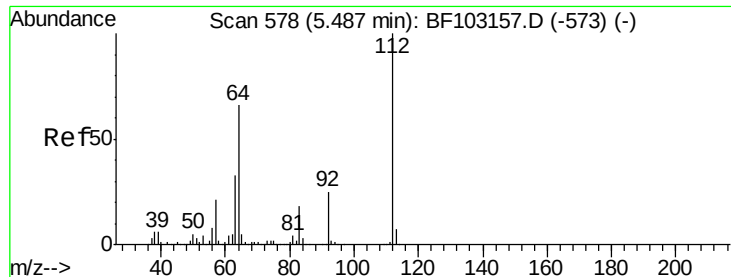
Ion Ratio Lower Upper

42 100

74 130.6 104.9 157.3

44 13.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 112.057 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

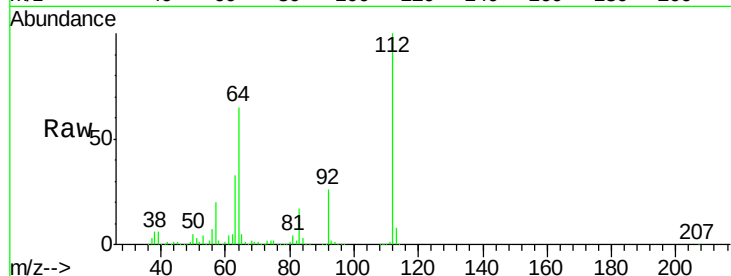
Tot Ion:112 Resp: 1282471

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

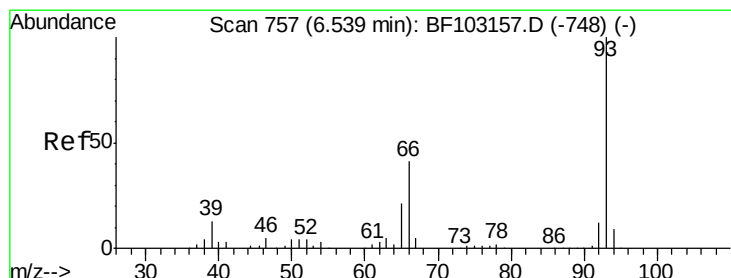
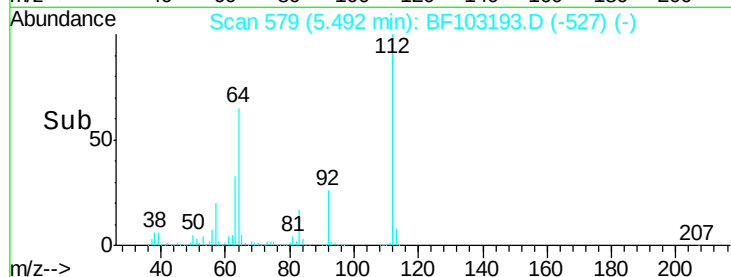
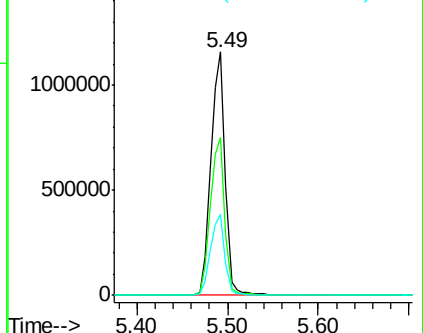
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.369 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

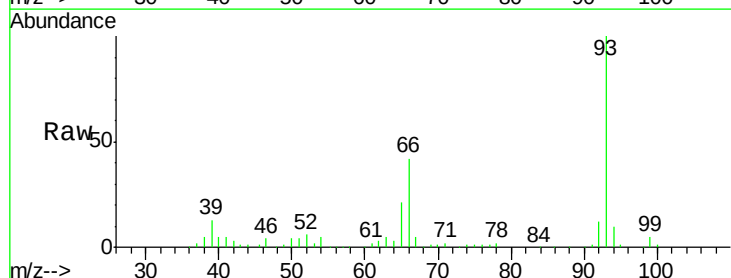
Tgt Ion: 93 Resp: 169147

Ion Ratio Lower Upper

93 100

66 41.6 32.2 48.2

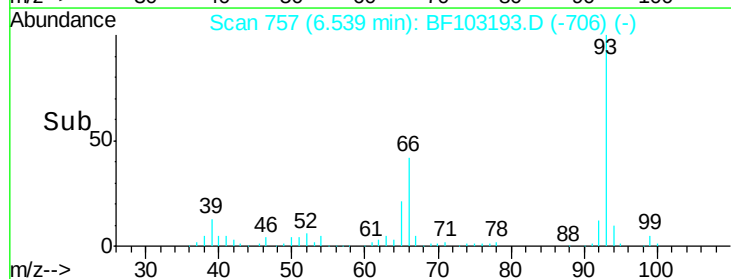
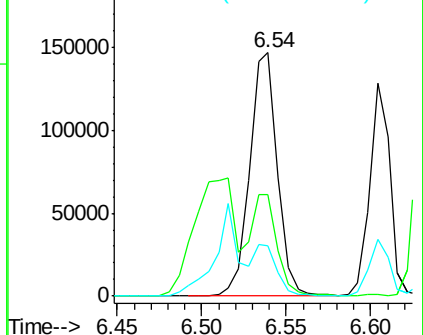
65 20.6 16.4 24.6

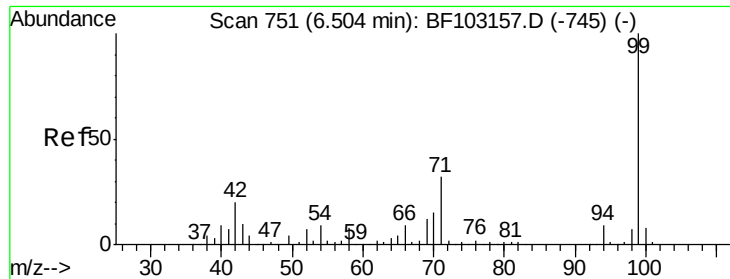


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.096 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

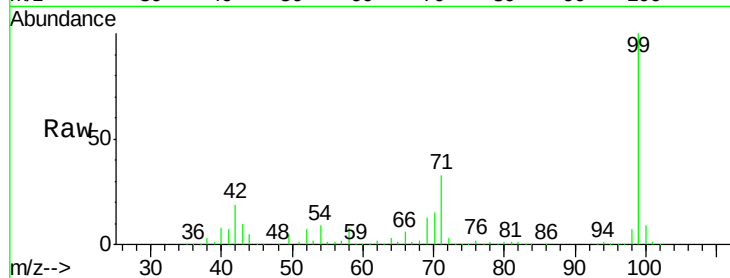
Tot Ion: 99 Resp: 1569851

Ion Ratio Lower Upper

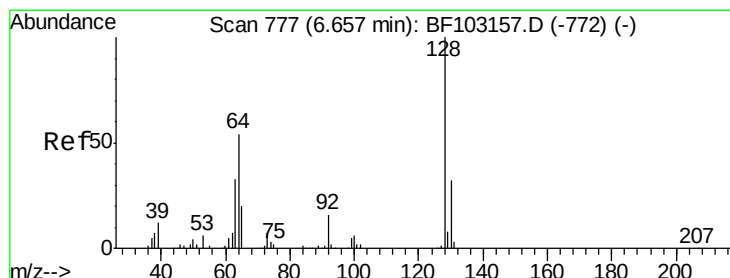
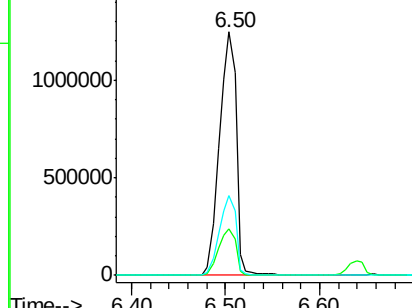
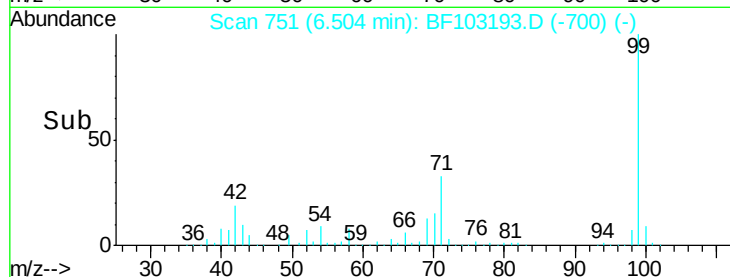
99 100

42 19.2 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: 8.082 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

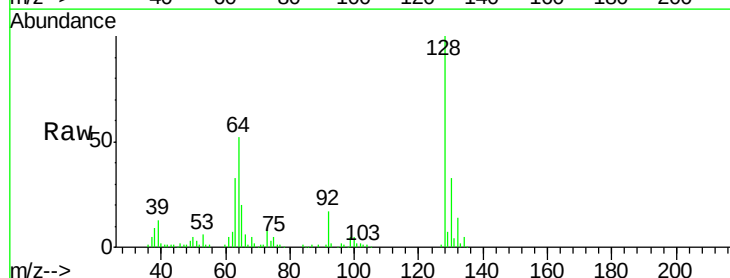
Tgt Ion:128 Resp: 96088

Ion Ratio Lower Upper

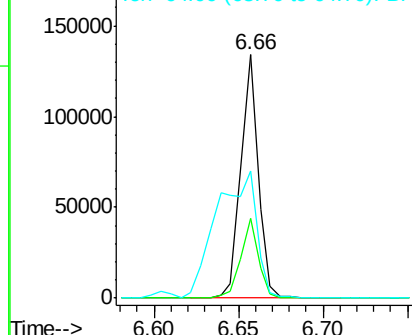
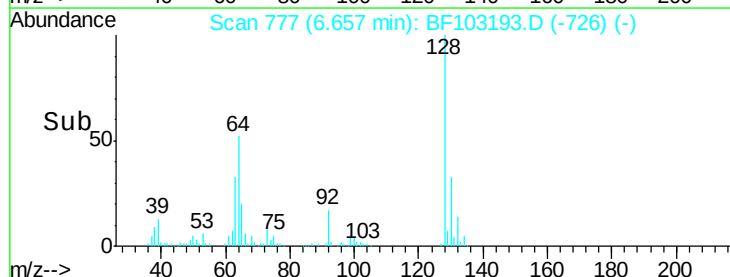
128 100

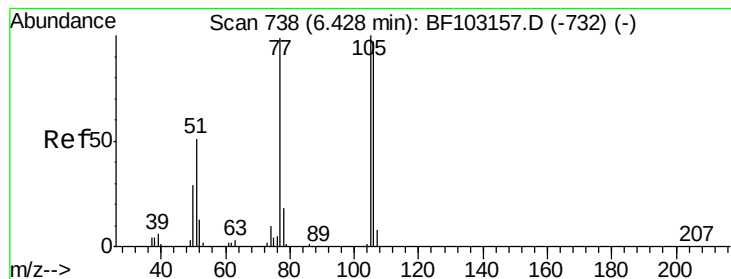
130 32.8 13.0 53.0

64 52.1 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: 4.914 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampled :

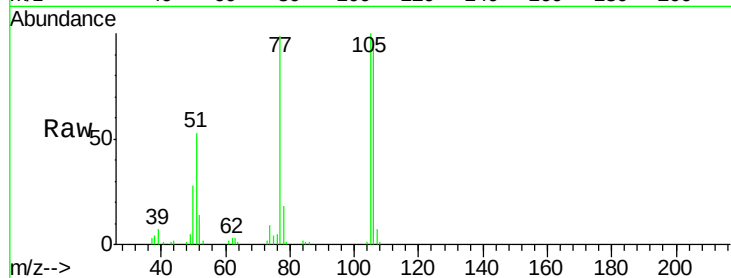
Tot Ion: 77 Resp: 56939

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

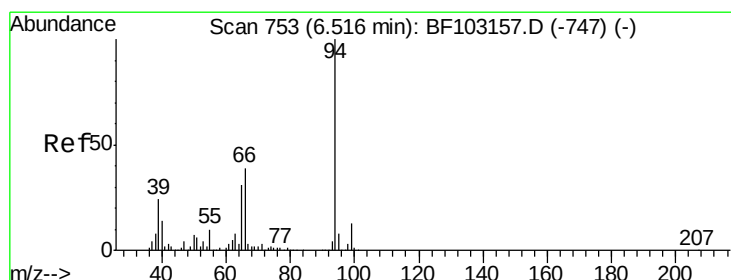
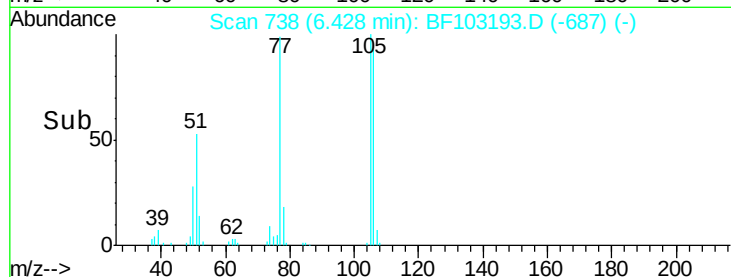
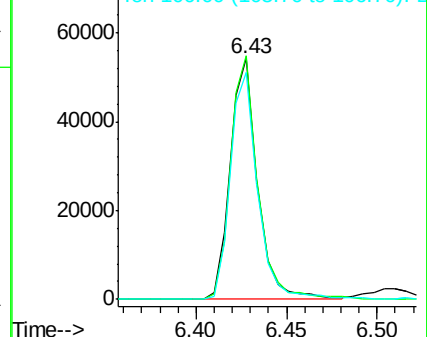
106 94.1 74.5 114.5



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: 8.089 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

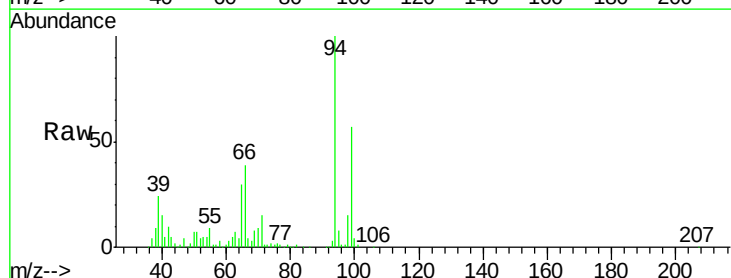
Tgt Ion: 94 Resp: 131503

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

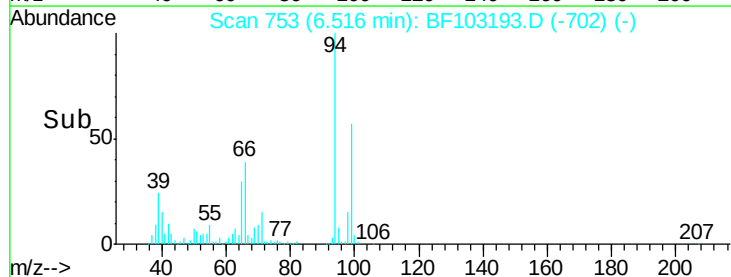
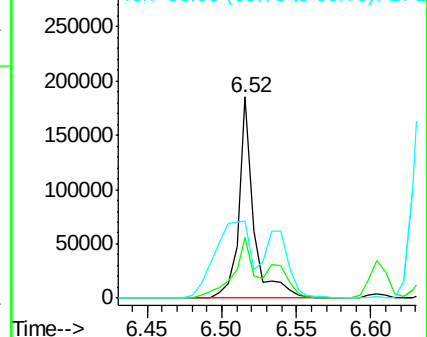
66 38.5 16.2 56.2

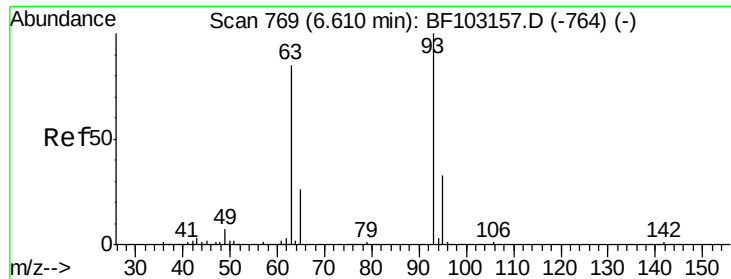


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 8.465 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

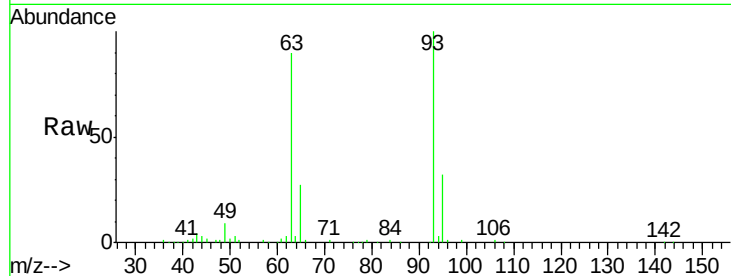
Tot Ion: 93 Resp: 104454

Ion Ratio Lower Upper

93 100

63 89.5 58.6 98.6

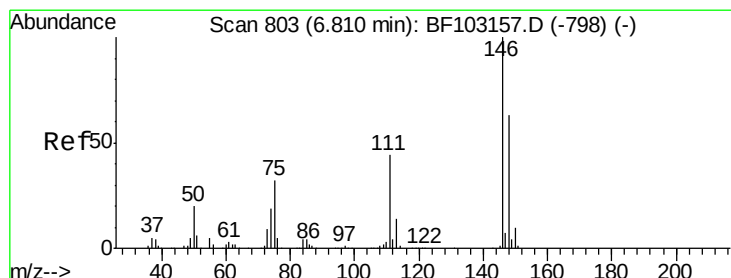
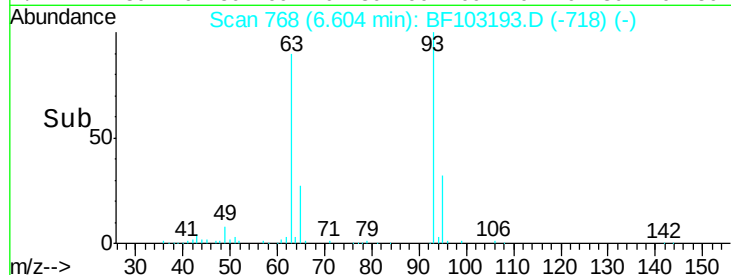
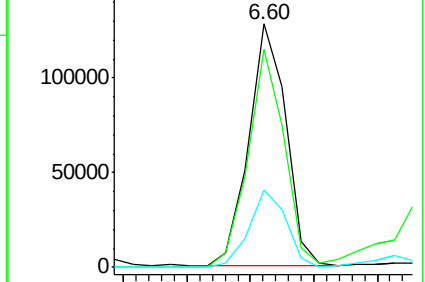
95 31.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 8.332 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

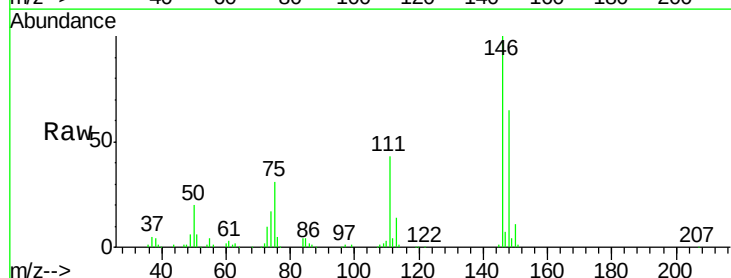
Tgt Ion: 146 Resp: 113212

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

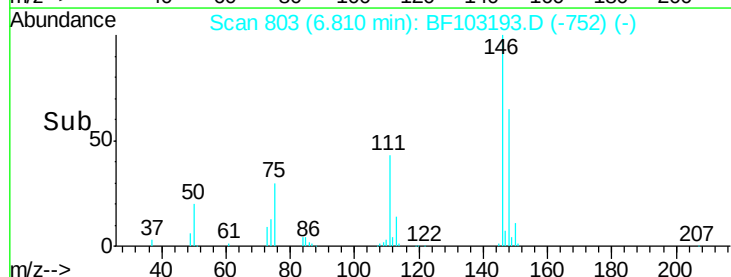
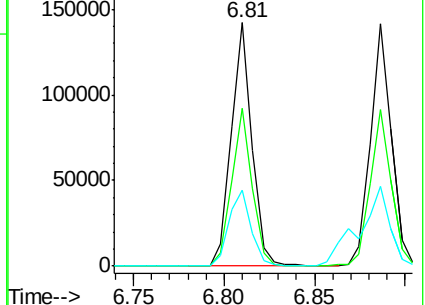
75 31.2 24.2 36.4

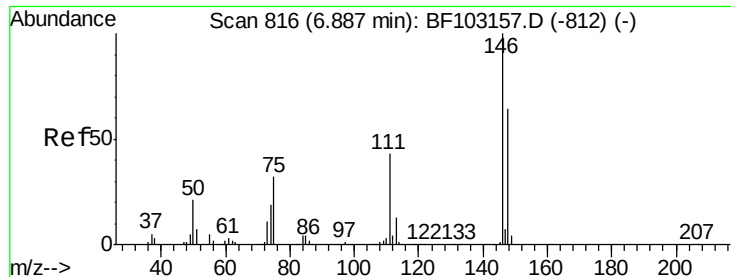


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

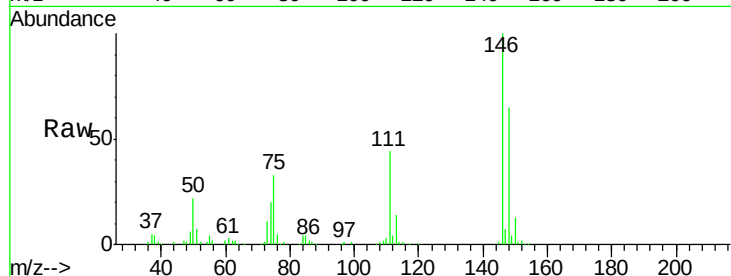




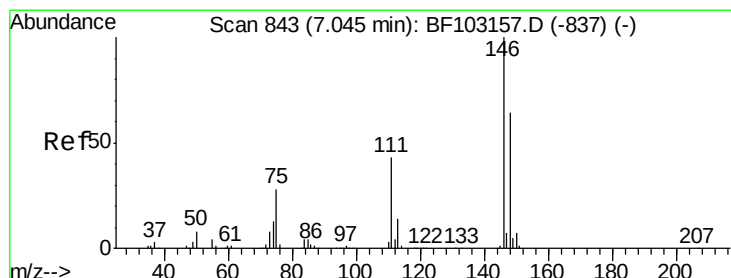
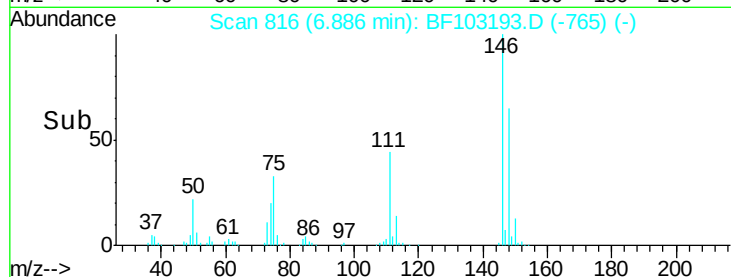
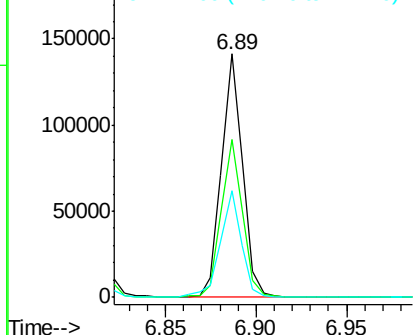
#13
1,4-Dichlorobenzene
Concen: 8.425 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 114761
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 43.6 34.2 51.2

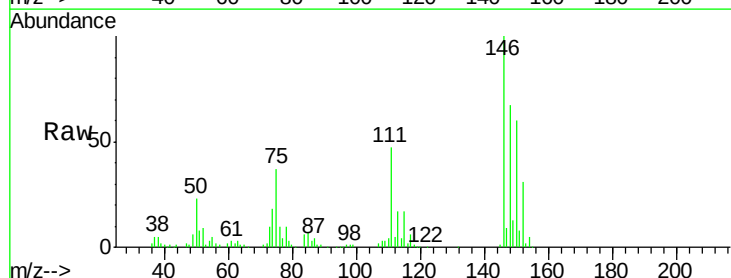


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

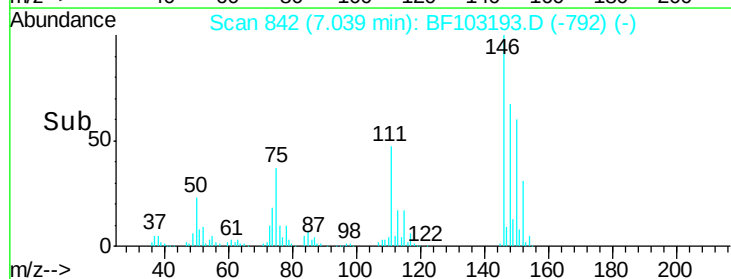
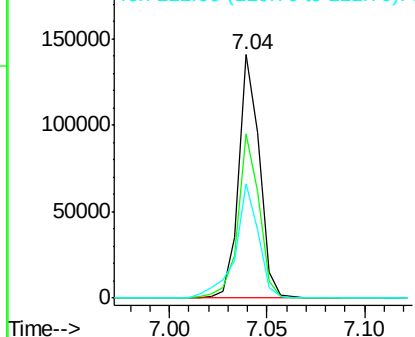


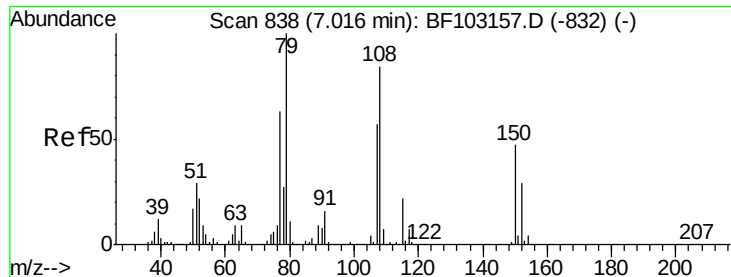
#14
1,2-Dichlorobenzene
Concen: 8.281 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:146 Resp: 104016
Ion Ratio Lower Upper
146 100
148 67.3 50.6 75.8
111 47.1 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 9.656 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampled :

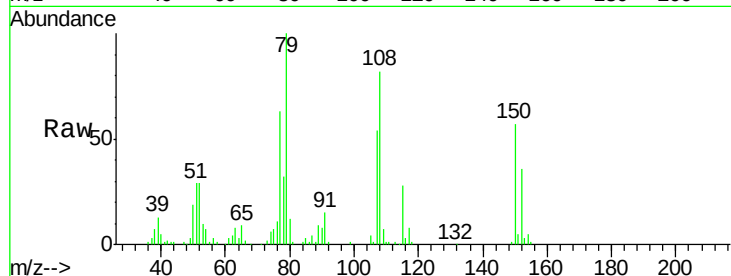
Tot Ion: 79 Resp: 101899

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

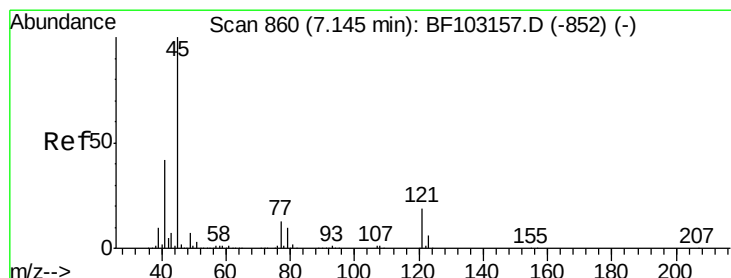
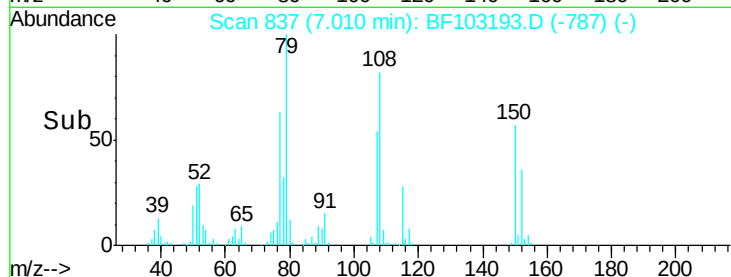
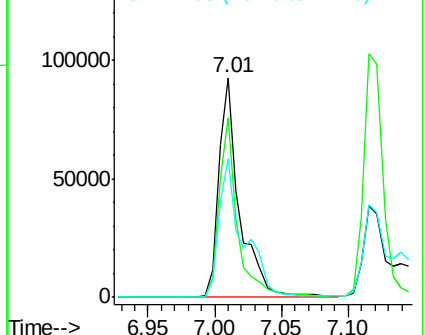
77 63.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.308 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

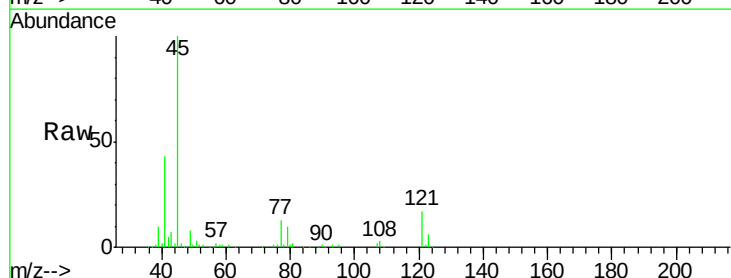
Tgt Ion: 45 Resp: 176047

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

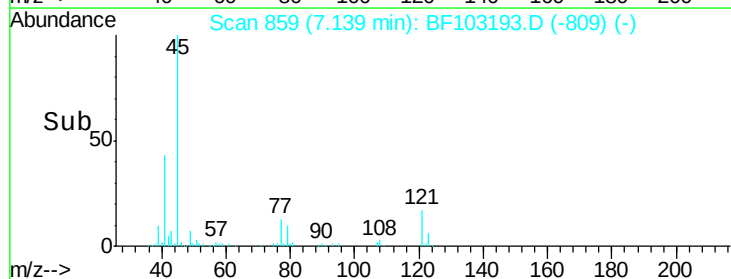
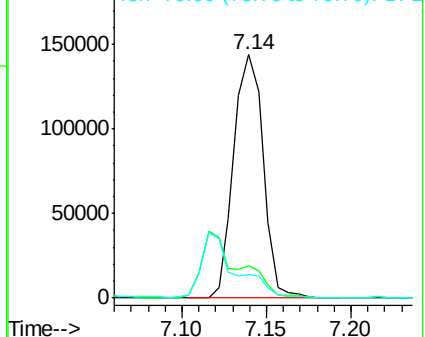
79 9.8 0.0 29.6

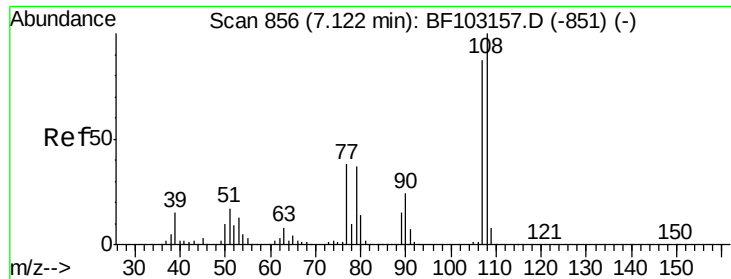


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

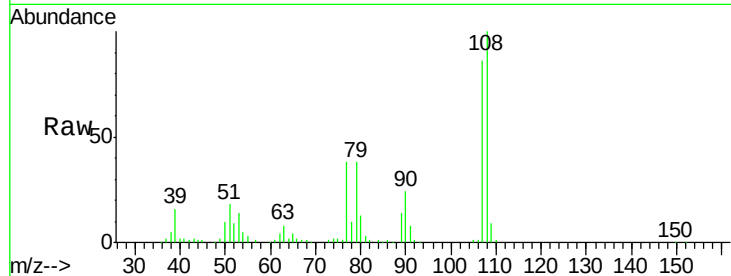




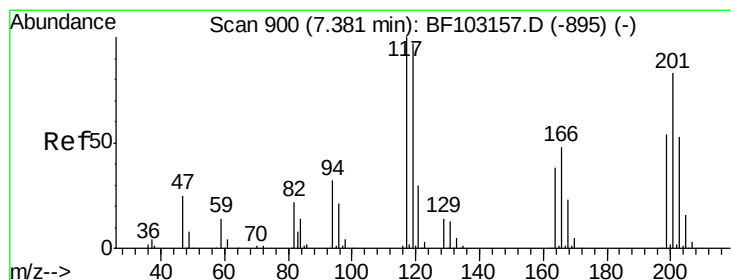
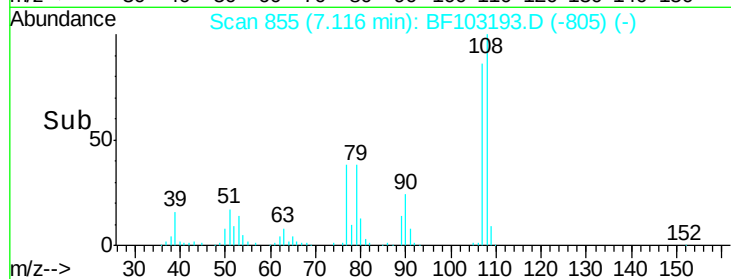
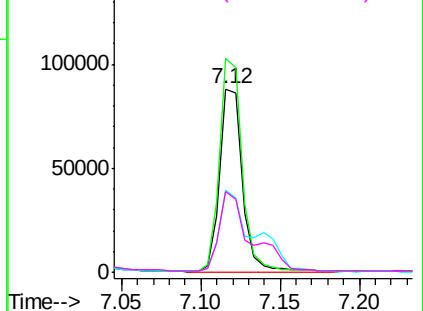
#17
2-Methylphenol
Concen: 8.258 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 89223
Ion Ratio Lower Upper
107 100
108 116.6 91.7 137.5
77 44.6 33.8 50.8
79 43.8 33.8 50.8

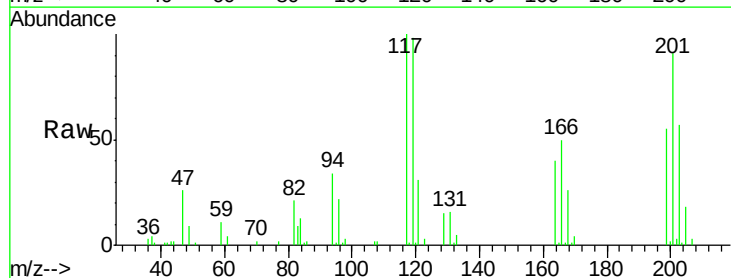


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

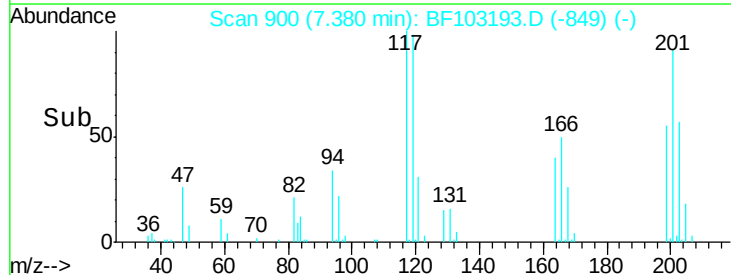
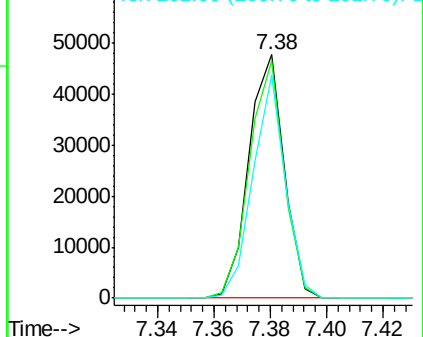


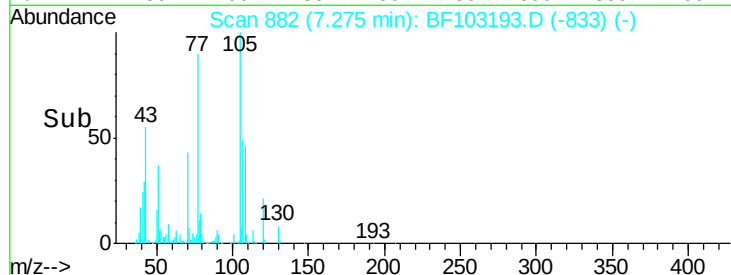
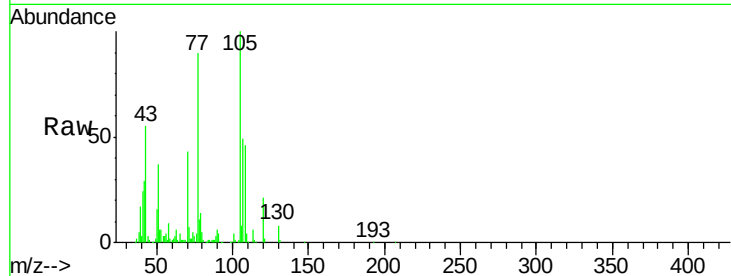
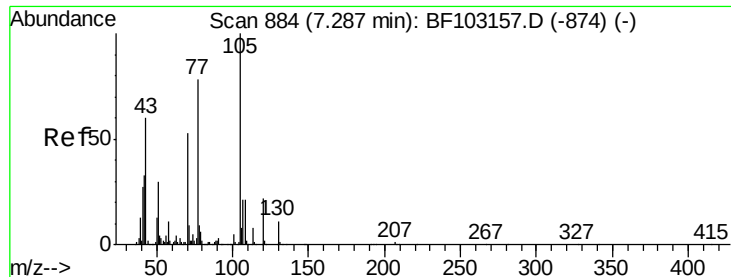
#18
Hexachloroethane
Concen: 8.353 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:117 Resp: 41423
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 91.5 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

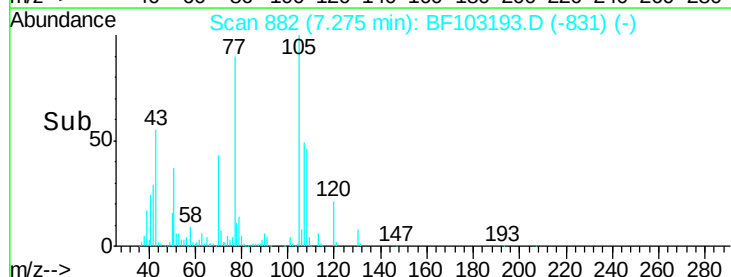
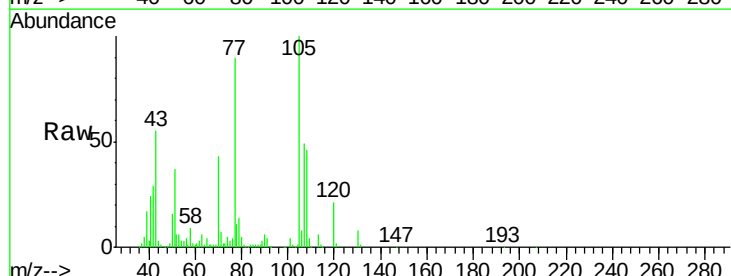
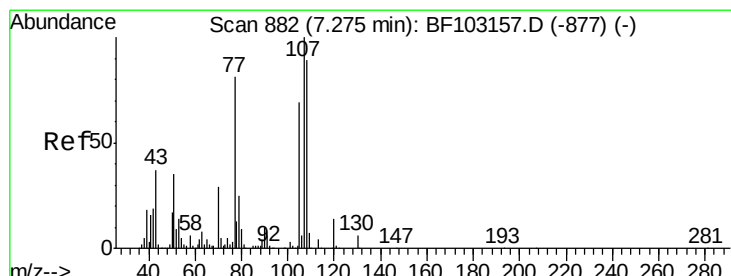
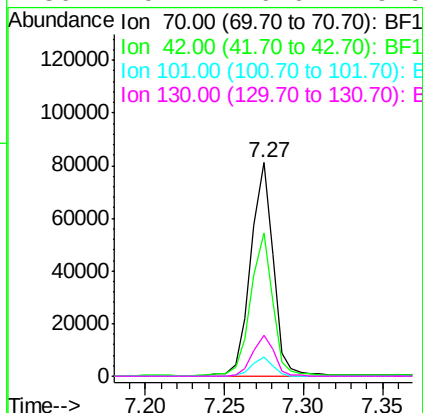




#19
n-Nitroso-di-n-propylamine
Concen: 9.325 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

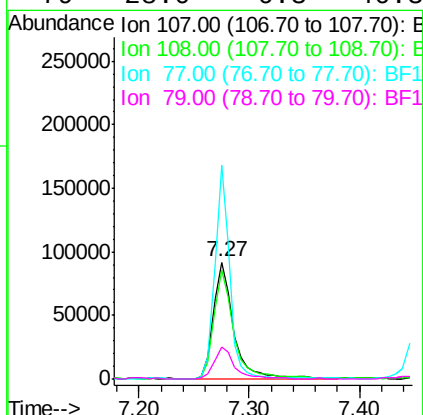
Instrument :
BNA_F
ClientSampleId :

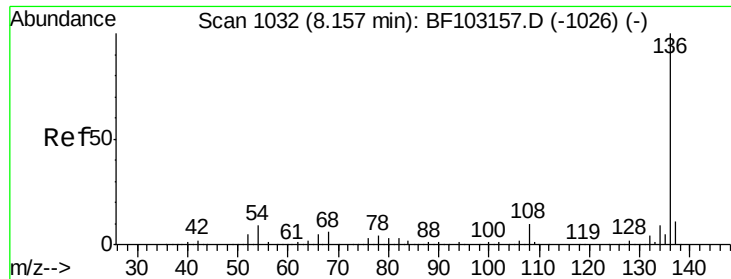
Tot Ion:	70	Resp:	81277
Ion	Ratio	Lower	Upper
70	100		
42	67.4	47.5	71.3
101	8.9	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 8.886 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:	107	Resp:	117038
Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	183.0	26.7	66.7#
79	28.0	6.3	46.3

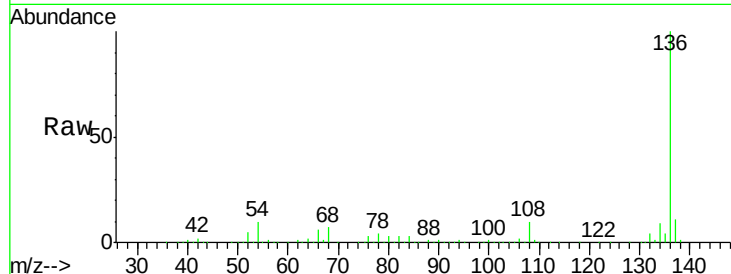




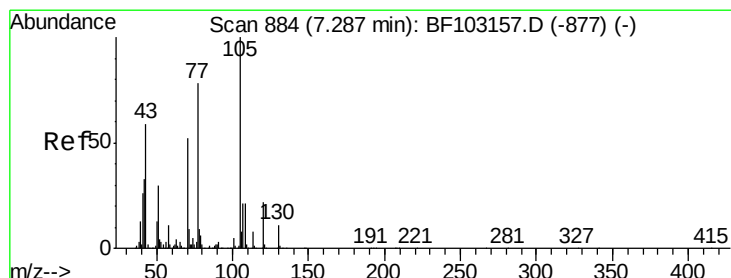
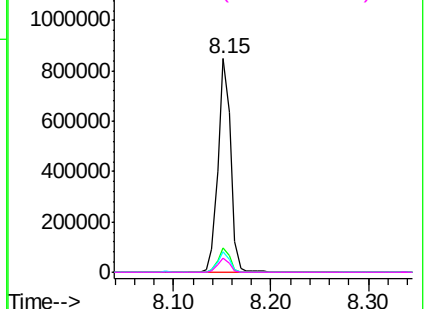
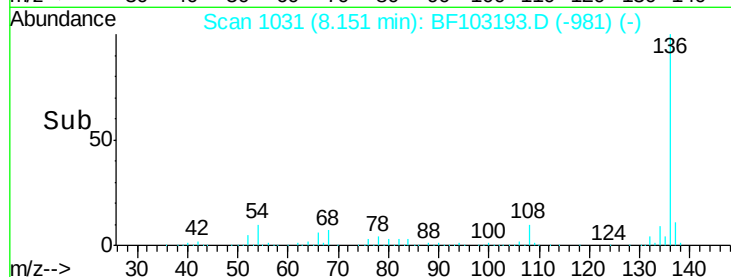
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	763415
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	9.8	6.6 9.8
68	6.9	5.0 7.4

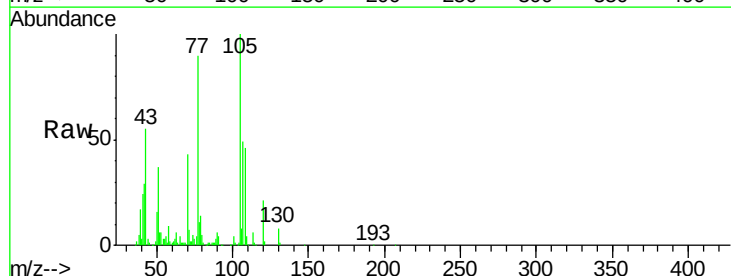


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

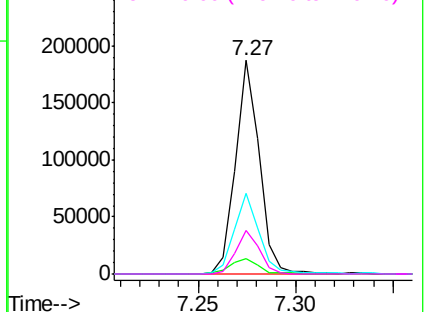
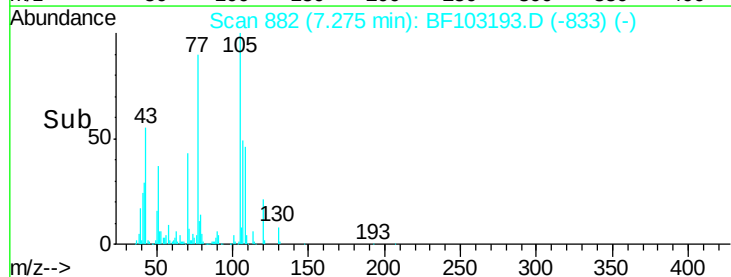


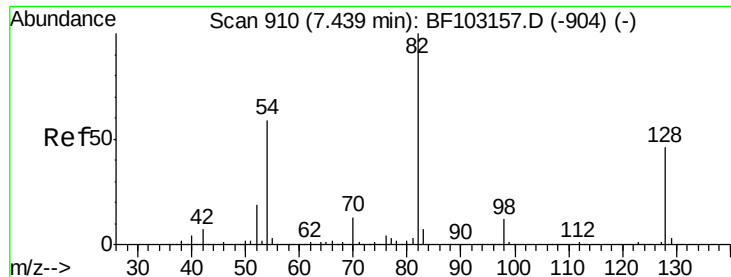
#22
Acetophenone
Concen: 8.883 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:105	Resp:	158283
Ion Ratio	Lower	Upper
105	100	
71	7.3	4.4 6.6#
51	37.5	22.3 33.5#
120	20.6	16.9 25.3



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

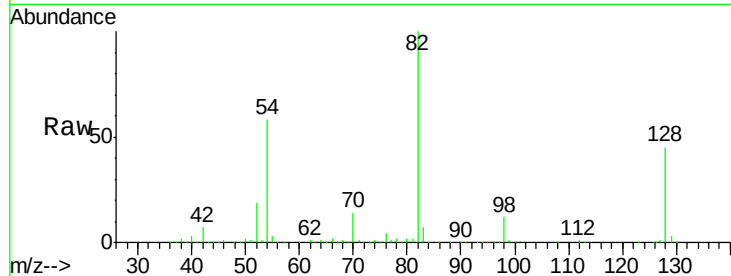




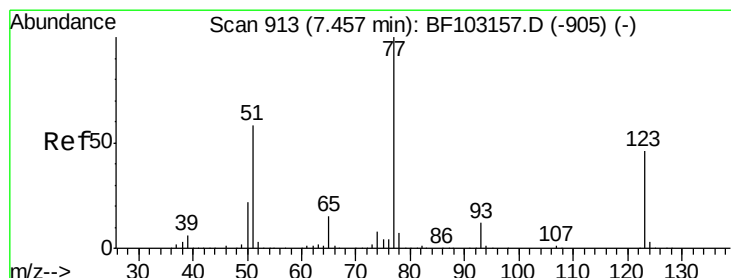
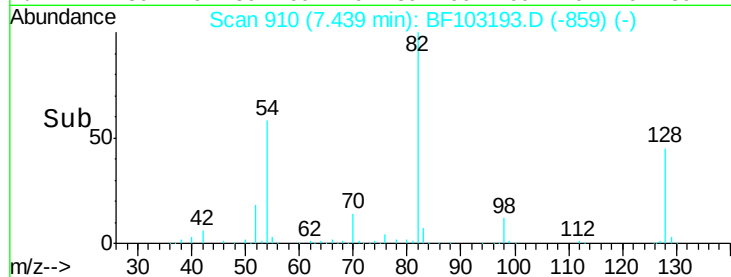
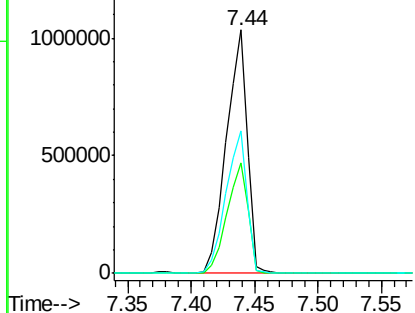
#23
 Nitrobenzene-d5
 Concen: 88.109 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1177826
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 58.5 41.4 62.2

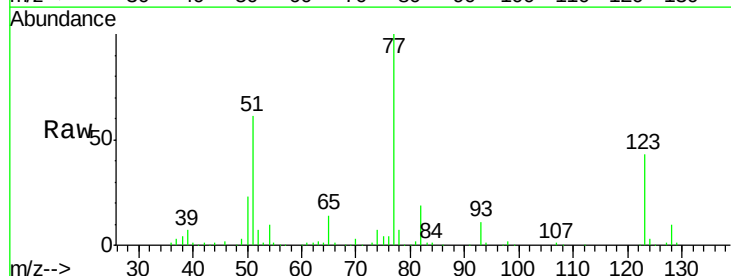


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

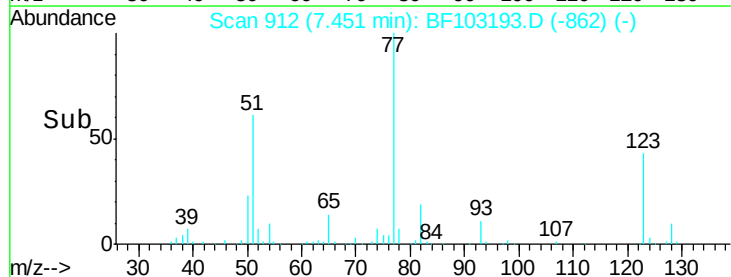
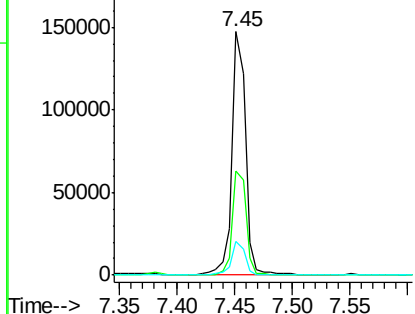


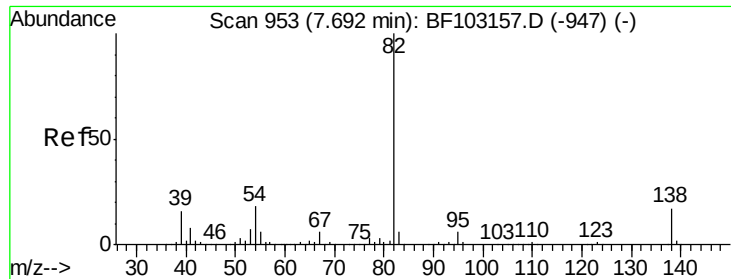
#24
 Nitrobenzene
 Concen: 8.259 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion: 77 Resp: 121552
 Ion Ratio Lower Upper
 77 100
 123 42.8 37.9 56.9
 65 13.9 11.0 16.4



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





#25

Isophorone

Concen: 8.038 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

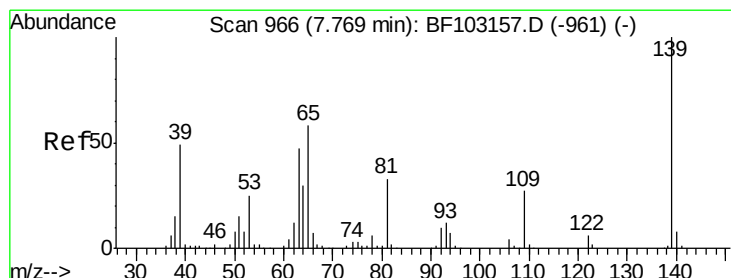
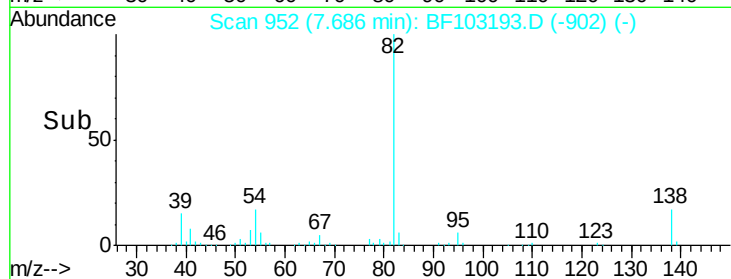
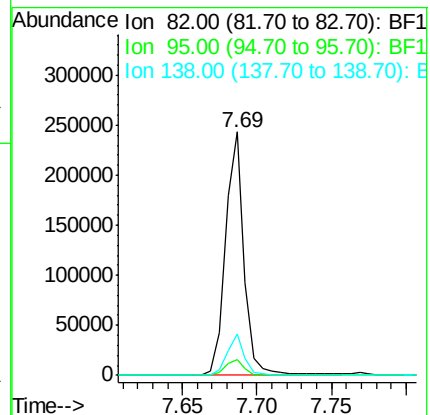
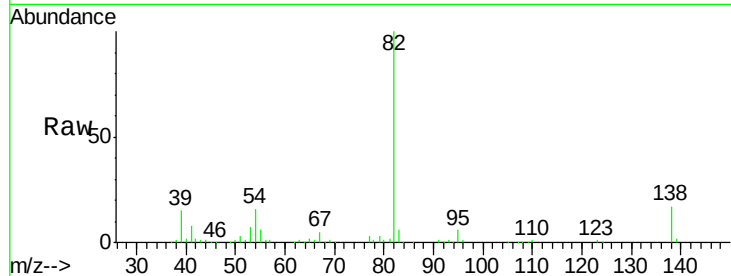
Tot Ion: 82 Resp: 211620

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 7.517 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

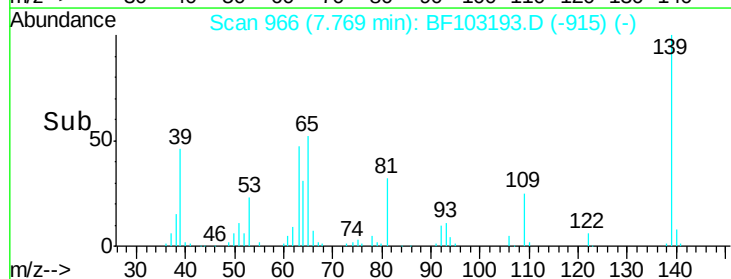
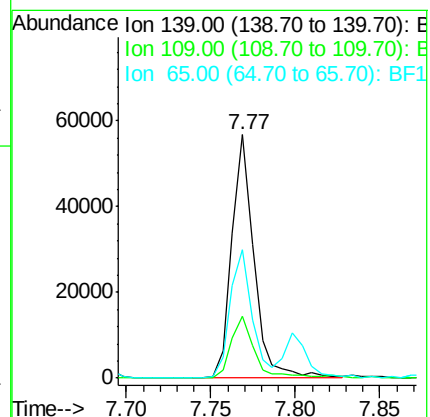
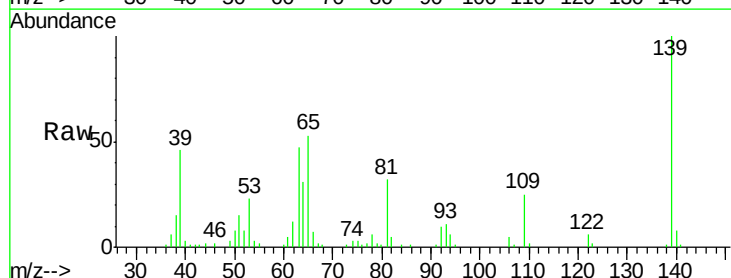
Tgt Ion: 139 Resp: 52080

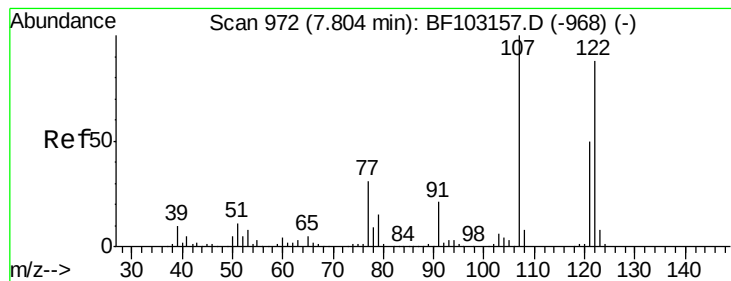
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 52.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 7.389 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

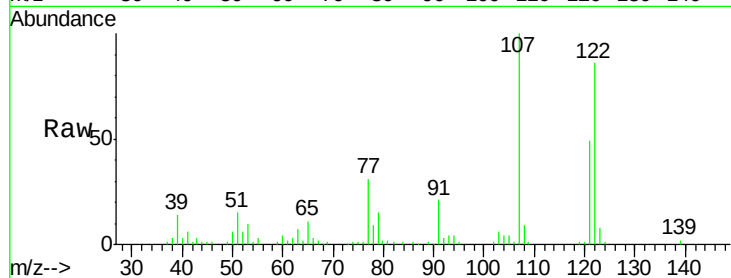
Tot Ion:122 Resp: 78250

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

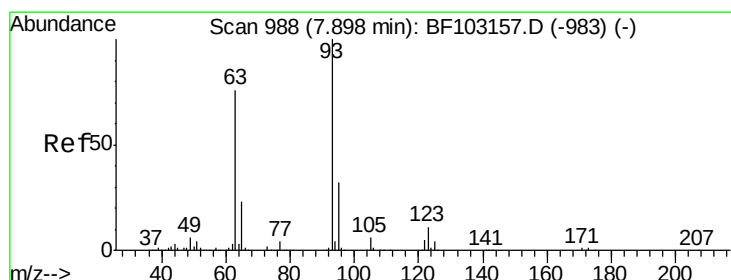
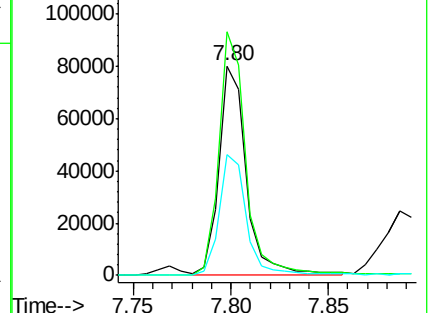
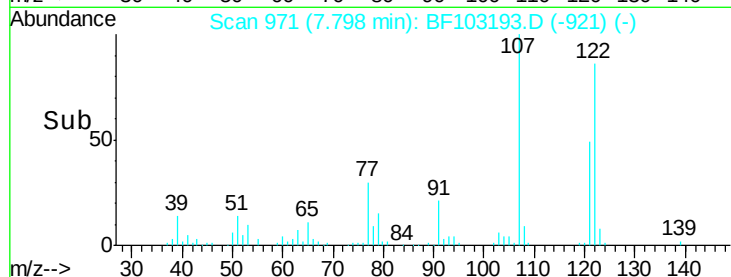
121 57.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 8.203 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

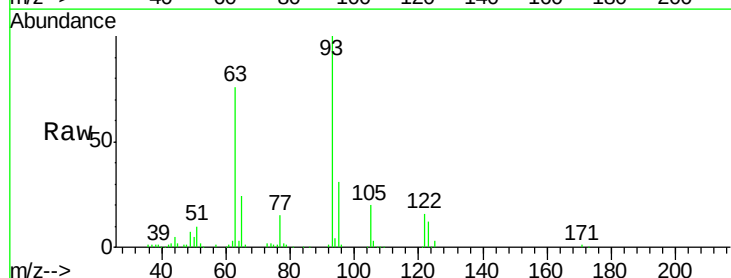
Tgt Ion: 93 Resp: 126981

Ion Ratio Lower Upper

93 100

95 31.2 26.3 39.5

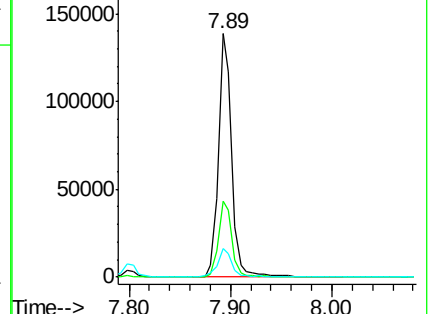
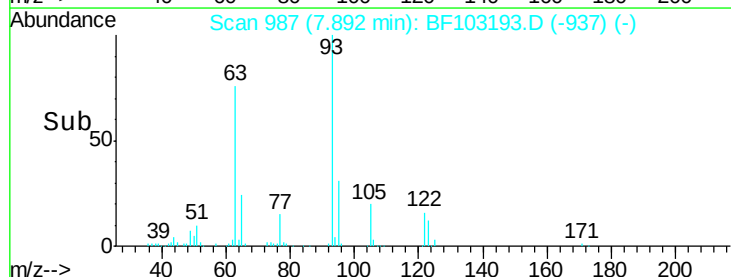
123 12.0 9.8 14.6

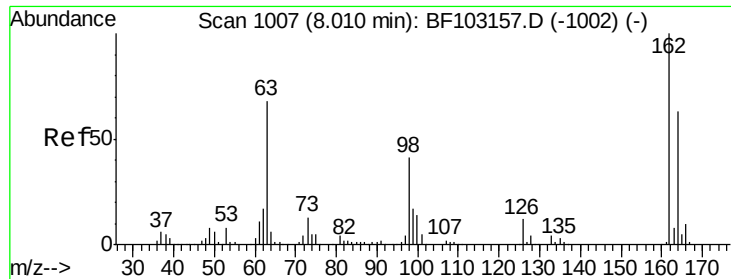


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

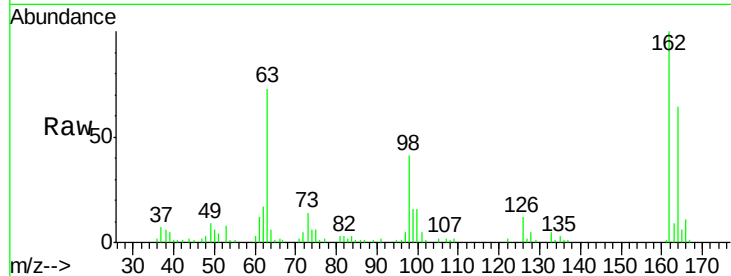




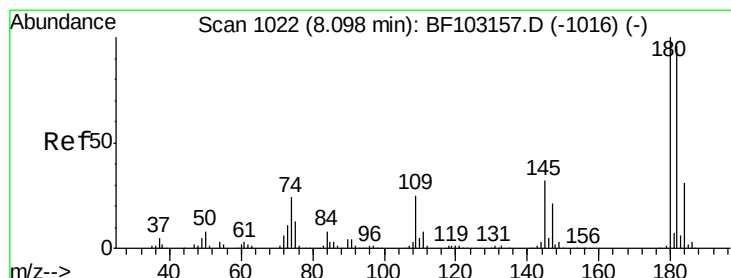
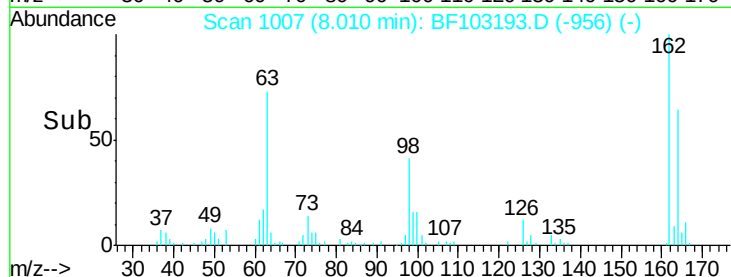
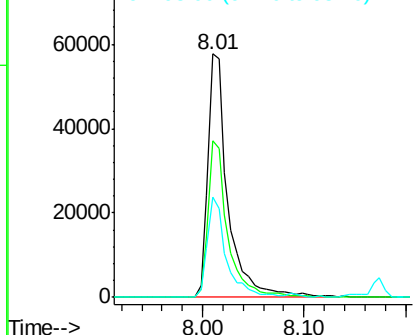
#29
 2,4-Dichlorophenol
 Concen: 7.785 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 78934
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.7 82.7
 98 41.2 18.1 58.1

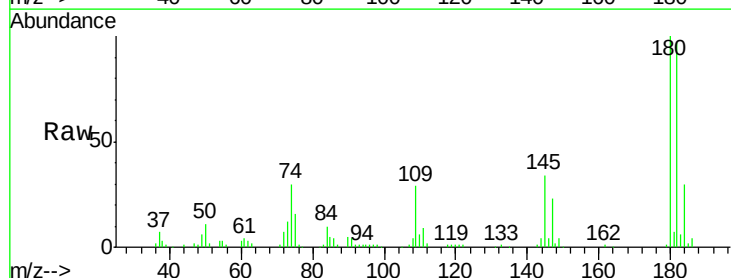


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

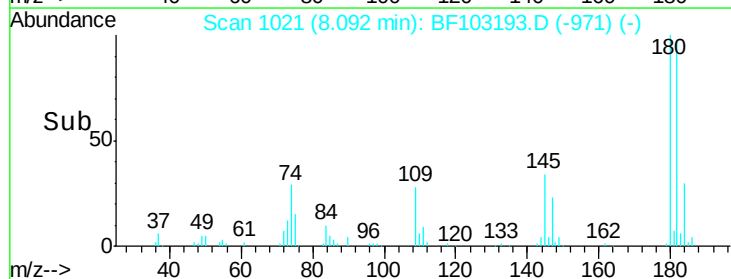
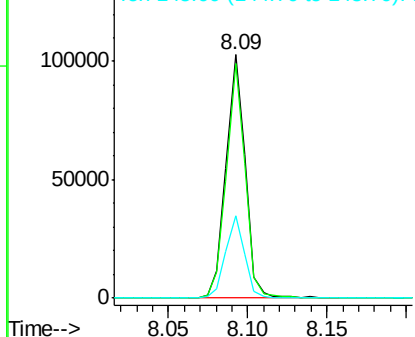


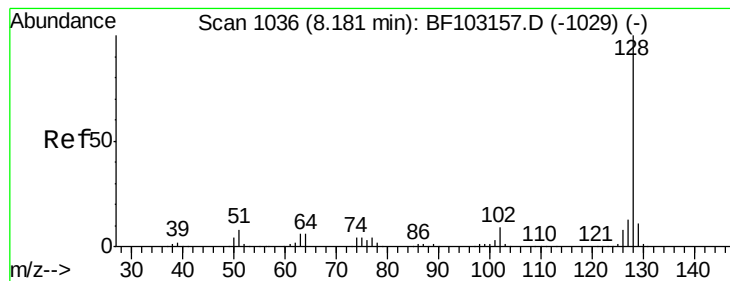
#30
 1,2,4-Trichlorobenzene
 Concen: 8.050 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:180 Resp: 86920
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.8 115.2
 145 33.6 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: 8.367 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

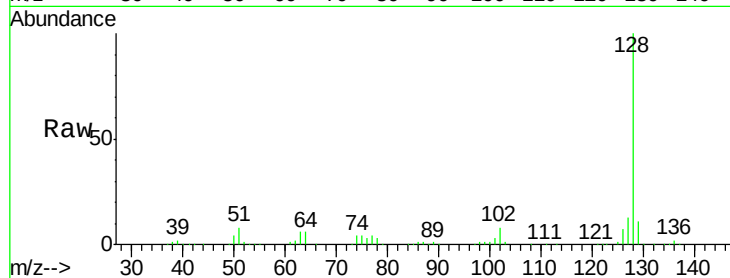
Tot Ion:128 Resp: 312720

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

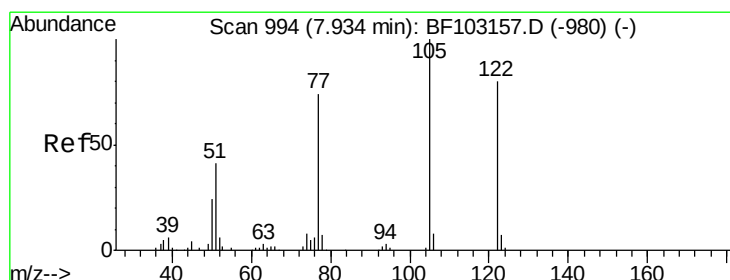
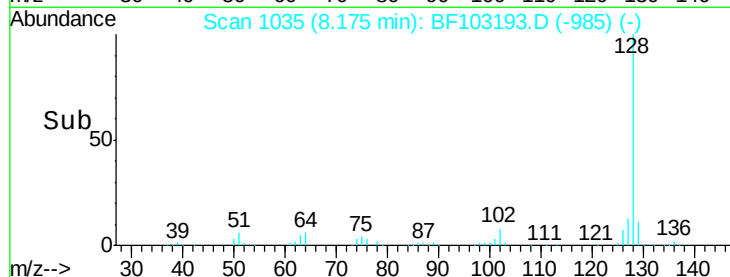
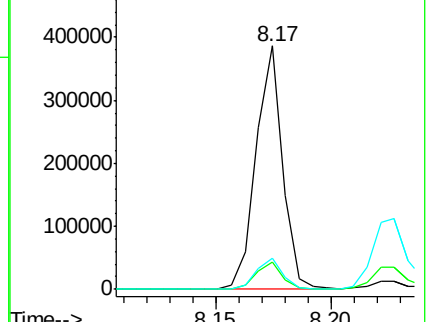
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.920 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

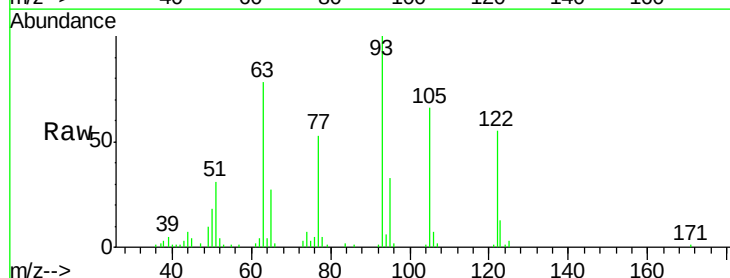
Tgt Ion:122 Resp: 45954

Ion Ratio Lower Upper

122 100

105 120.3 101.1 141.1

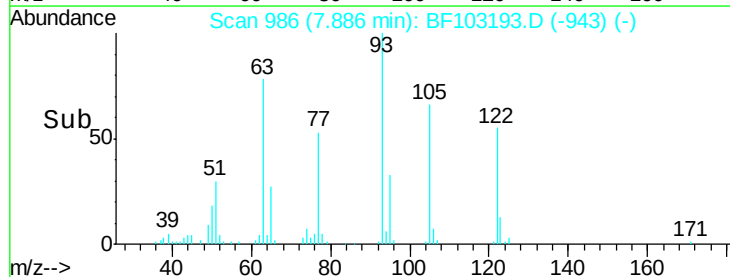
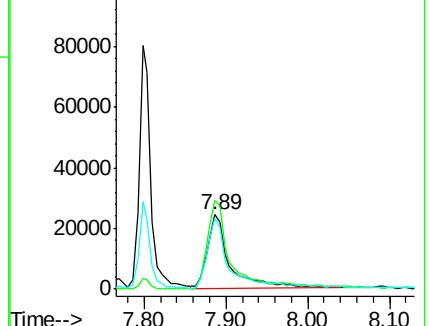
77 95.3 70.7 110.7

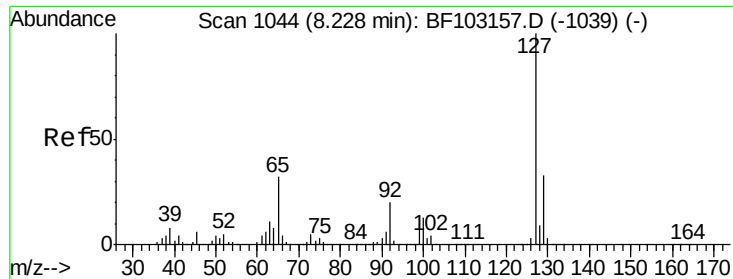


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

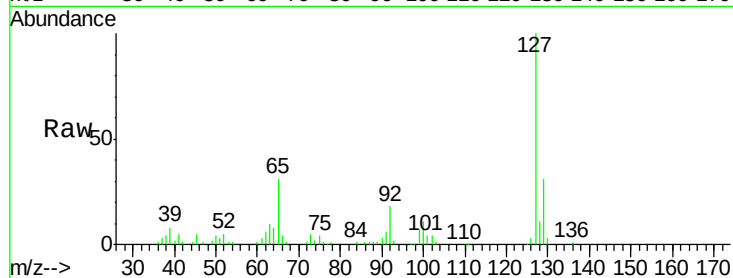




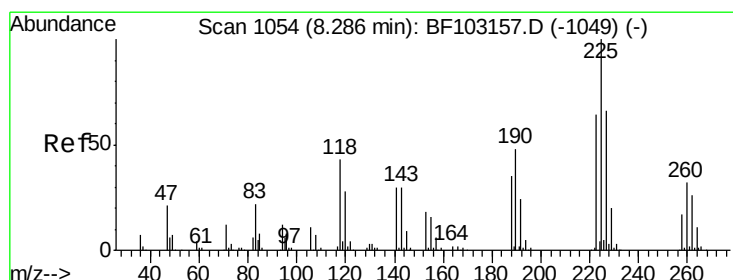
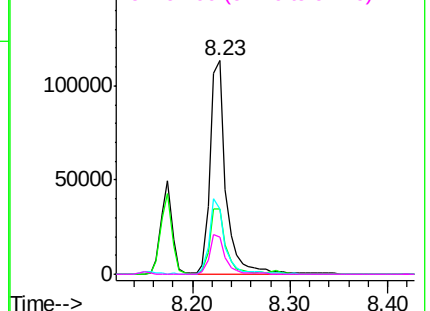
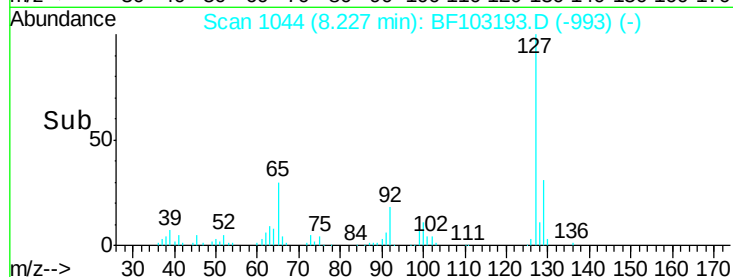
#33
4-Chloroaniline
Concen: 7.965 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	128468
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	30.7	25.0	37.4
92	17.6	15.2	22.8

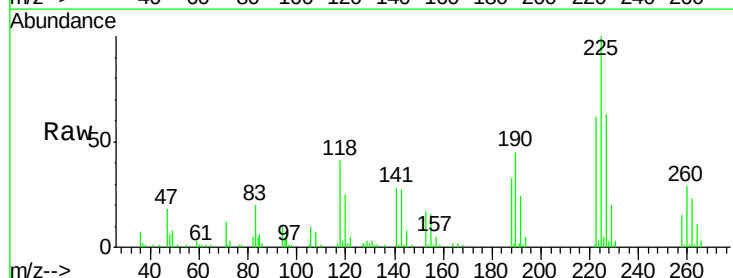


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

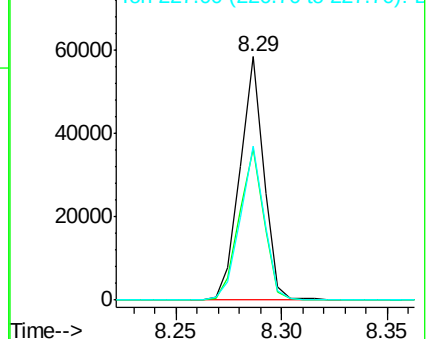
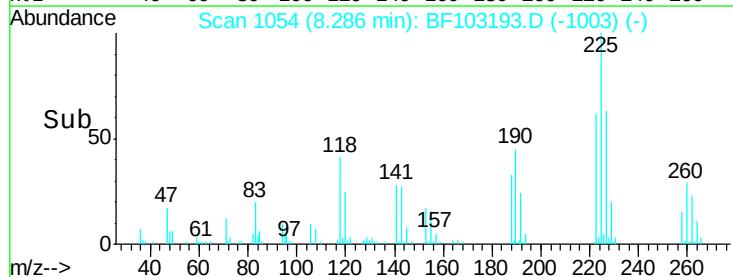


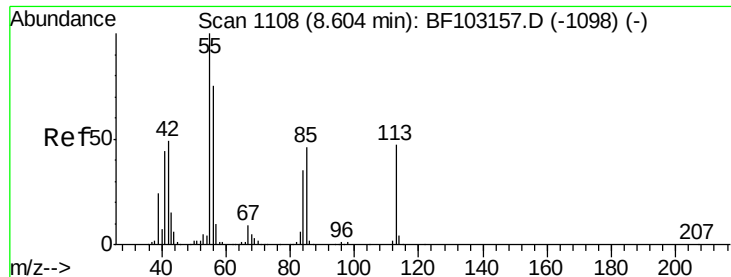
#34
Hexachlorobutadiene
Concen: 8.105 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:	225	Resp:	45575
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.3	51.9	77.9



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

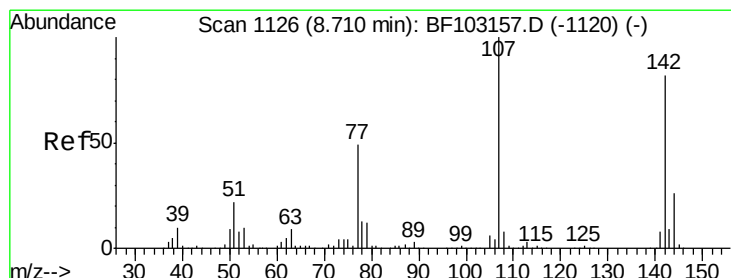
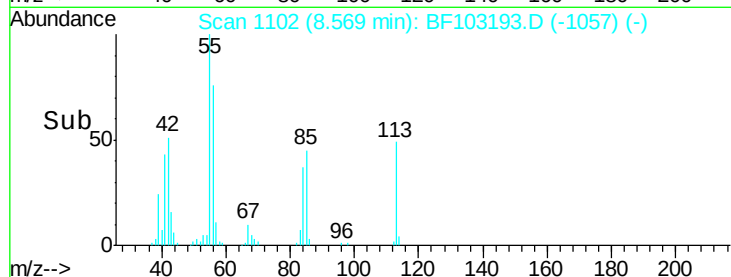
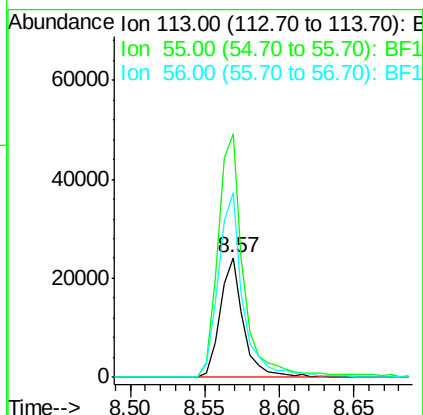
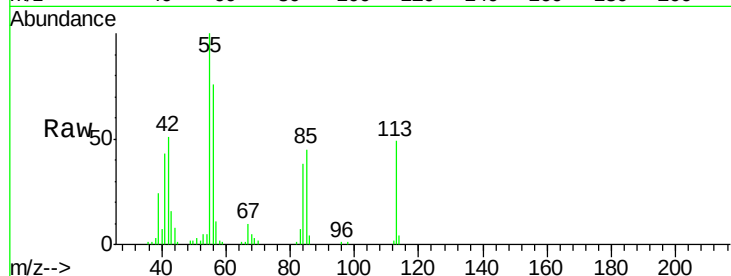




#35
 Caprolactam
 Concen: 7.434 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.04 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

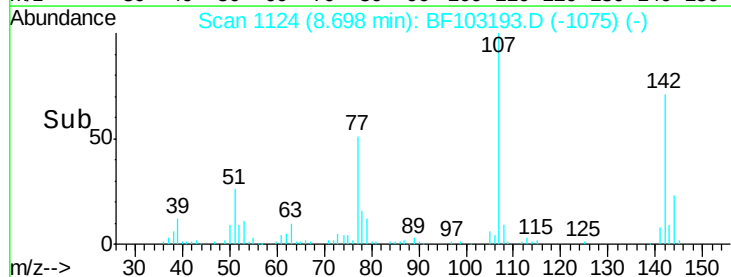
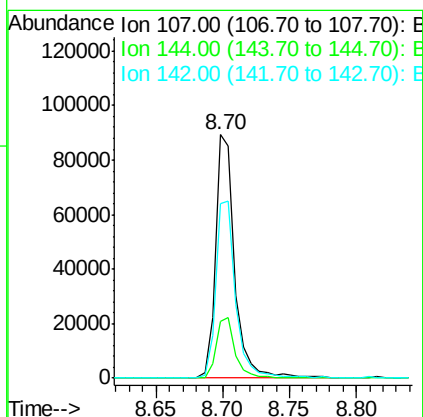
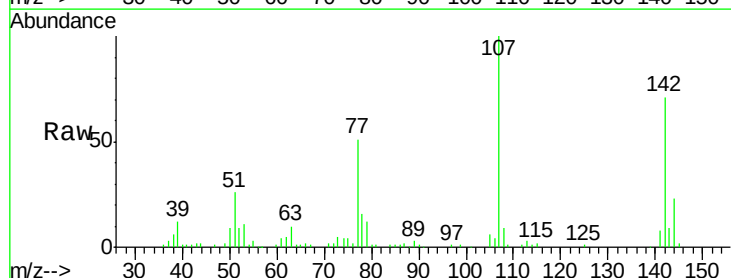
Instrument :
 BNA_F
 ClientSampleId :

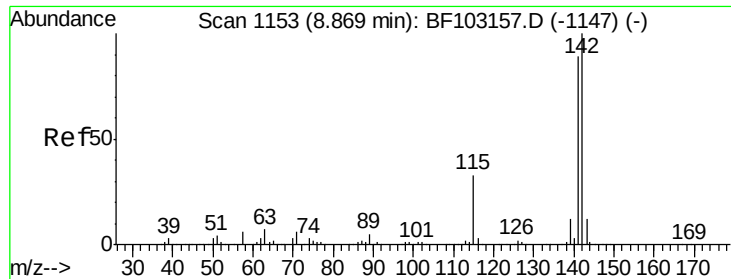
Tot Ion:113 Resp: 26493
 Ion Ratio Lower Upper
 113 100
 55 203.5 163.3 203.3#
 56 154.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 7.920 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:107 Resp: 90579
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.5 30.7
 142 71.4 62.0 93.0

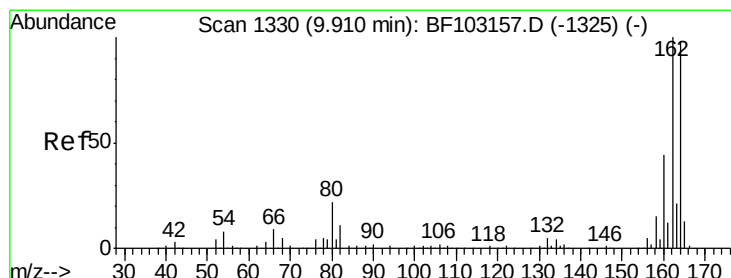
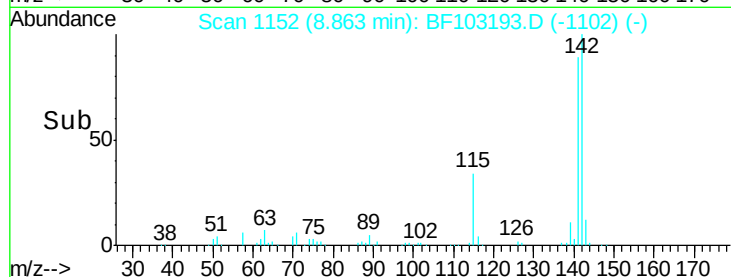
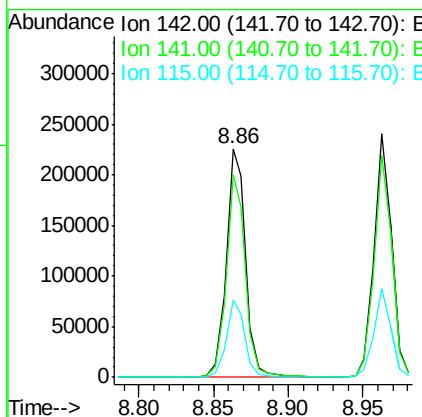
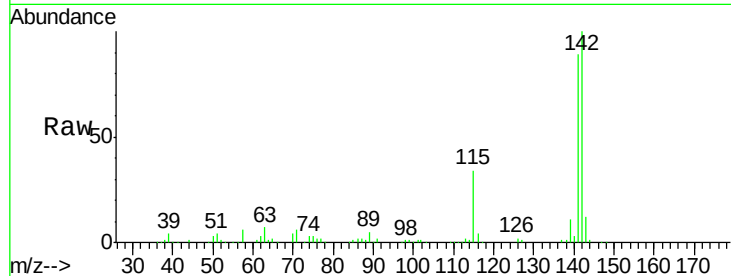




#37
 2-Methylnaphthalene
 Concen: 8.648 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

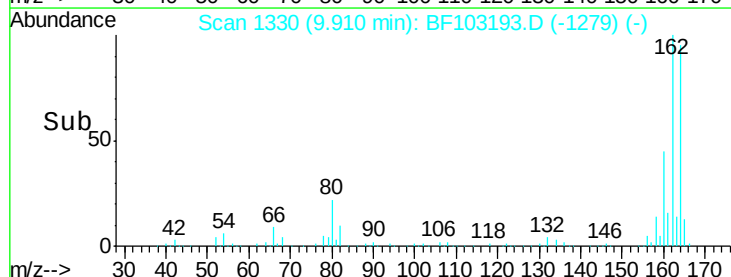
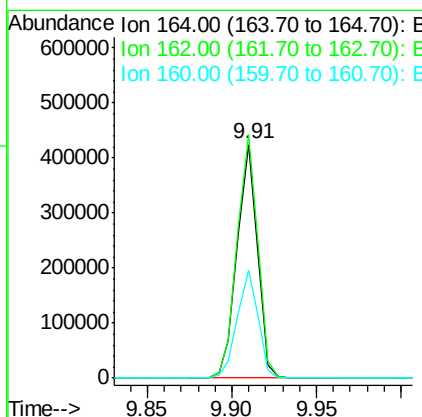
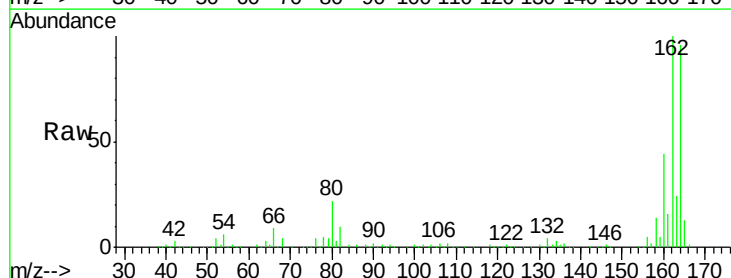
Instrument :
 BNA_F
 ClientSampleId :

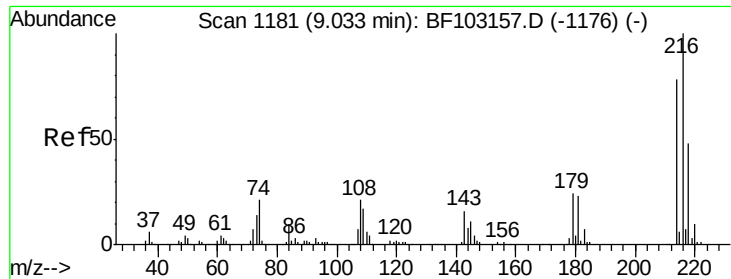
Tot Ion:142 Resp: 208891
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:164 Resp: 353890
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.4 38.3 57.5

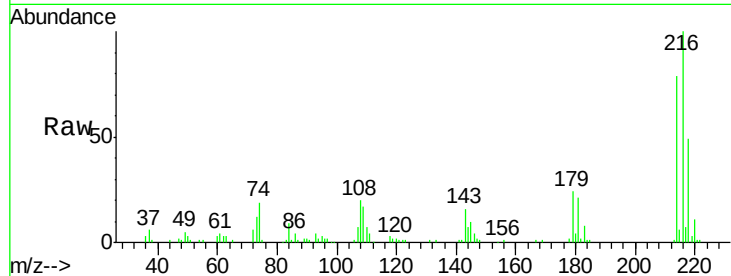




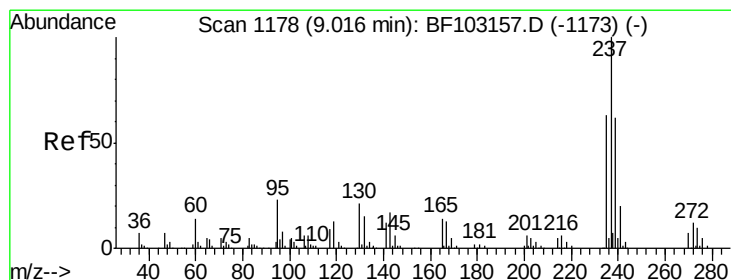
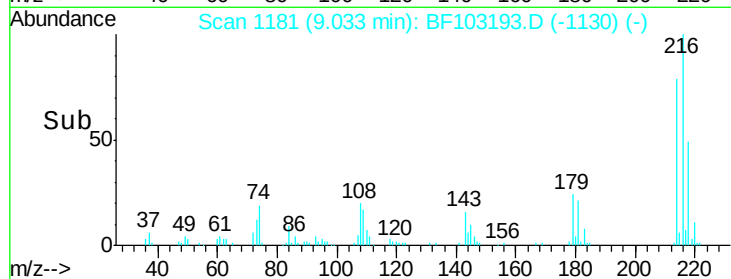
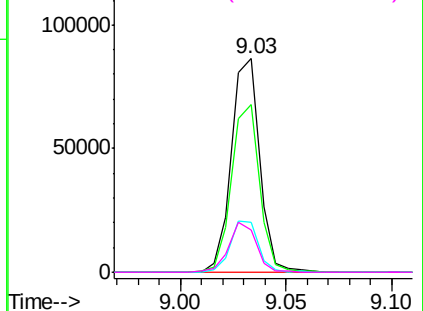
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.238 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	79696
Ion Ratio	Lower	Upper
216	100	
214	78.0	63.0 94.4
179	23.8	18.1 27.1
108	22.8	17.2 25.8

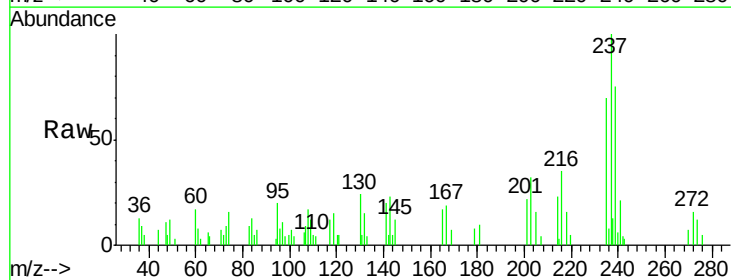


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

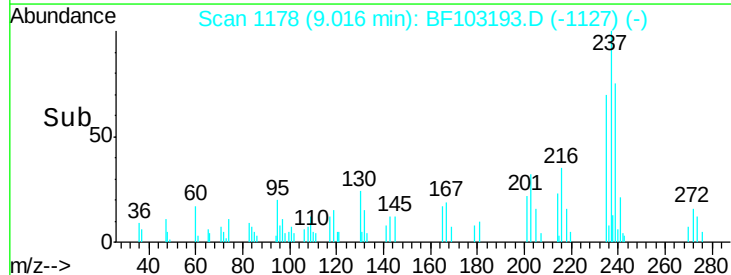
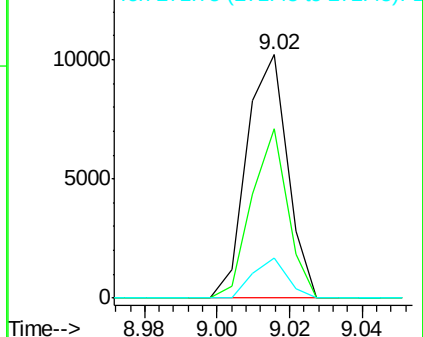


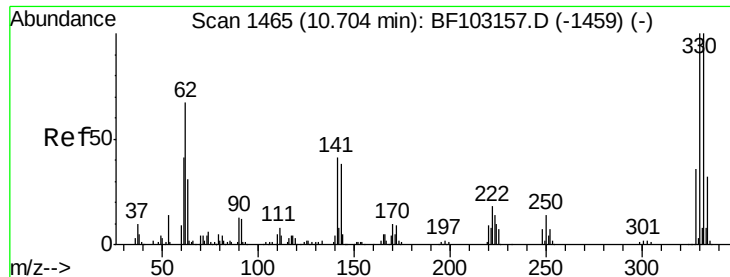
#40
 Hexachlorocyclopentadiene
 Concen: 10.946 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:237	Resp:	7918
Ion Ratio	Lower	Upper
237	100	
235	69.7	44.8 84.8
272	16.3	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

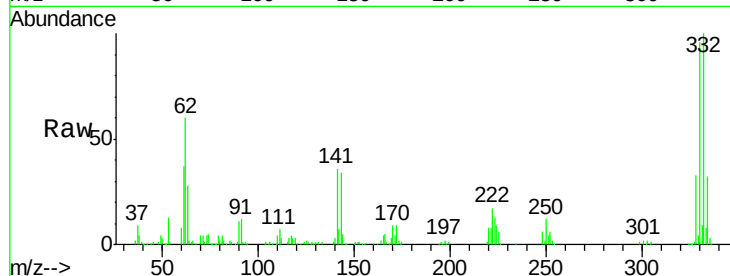




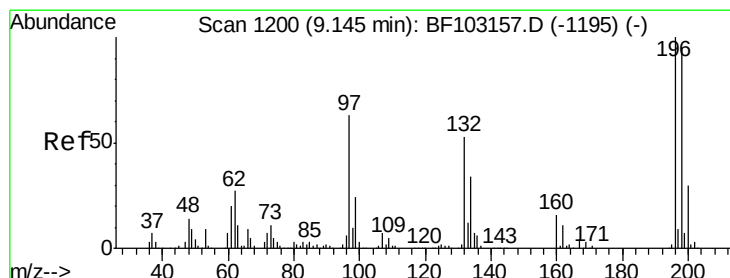
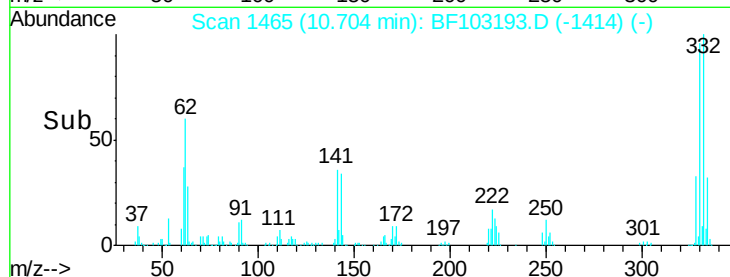
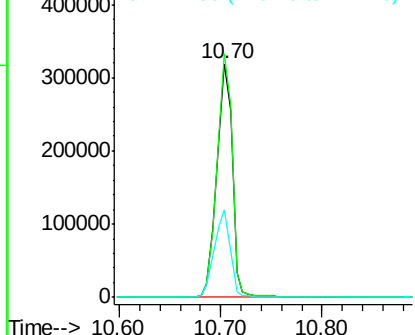
#41
 2,4,6-Tribromophenol
 Concen: 114.745 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 343717
 Ion Ratio Lower Upper
 330 100
 332 102.2 77.0 115.6
 141 38.3 29.9 44.9

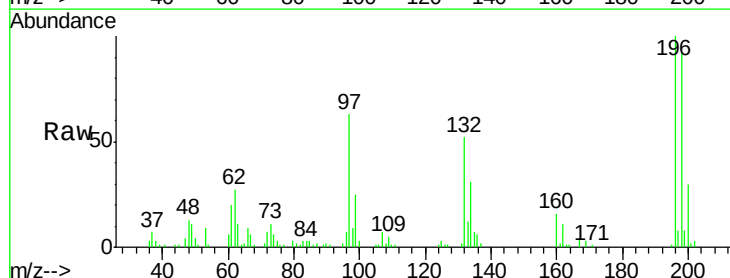


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

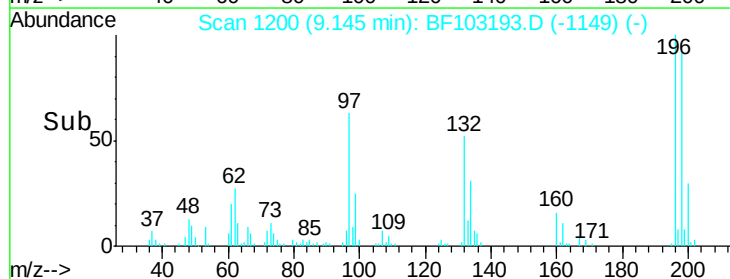
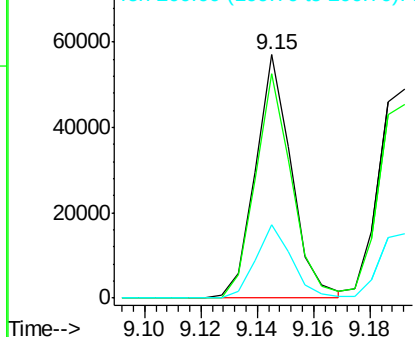


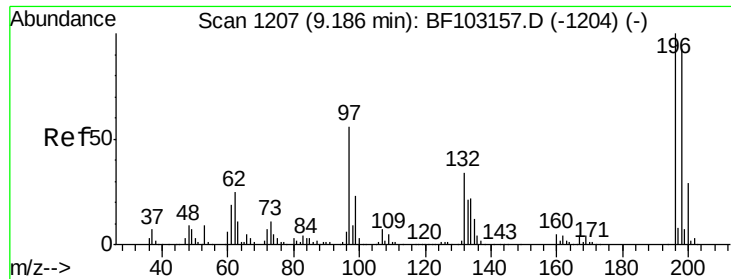
#42
 2,4,6-Trichlorophenol
 Concen: 7.755 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:196 Resp: 50484
 Ion Ratio Lower Upper
 196 100
 198 92.3 75.7 113.5
 200 30.2 24.5 36.7



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

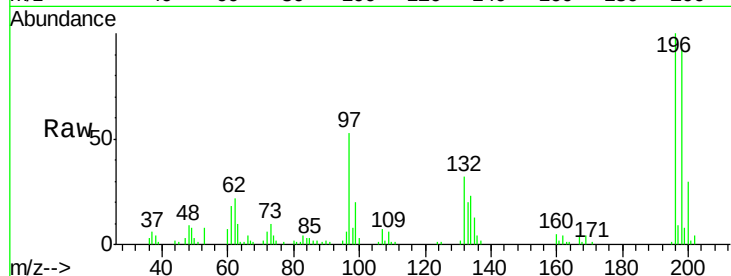




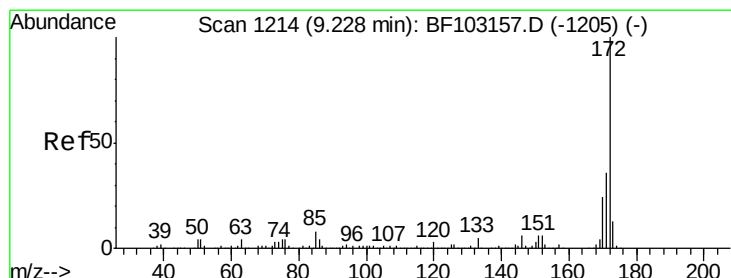
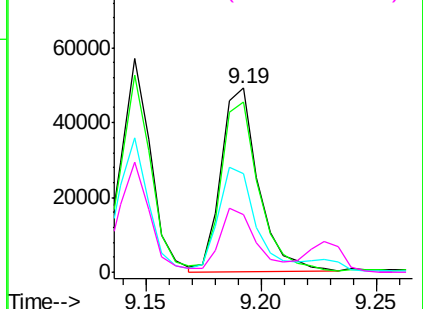
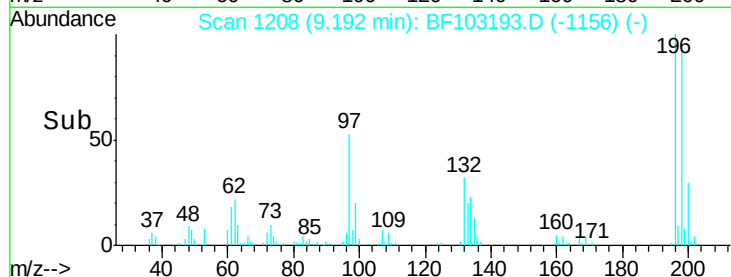
#43
 2,4,5-Trichlorophenol
 Concen: 7.364 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 55137
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.6 112.0
 97 53.4 42.9 64.3
 132 31.6 26.3 39.5

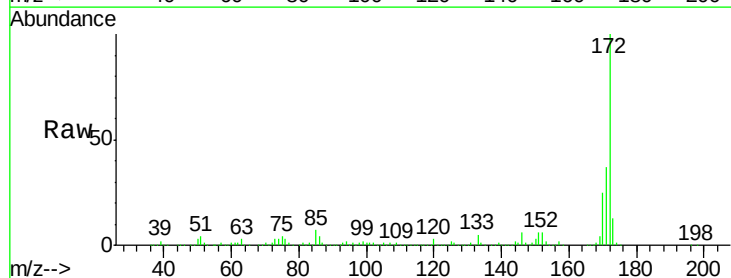


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

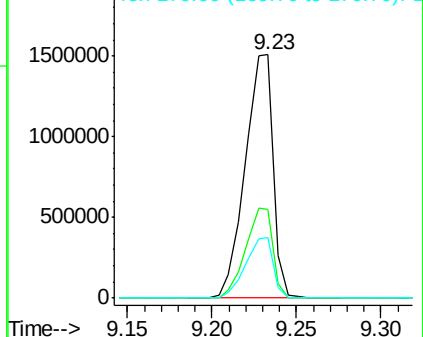
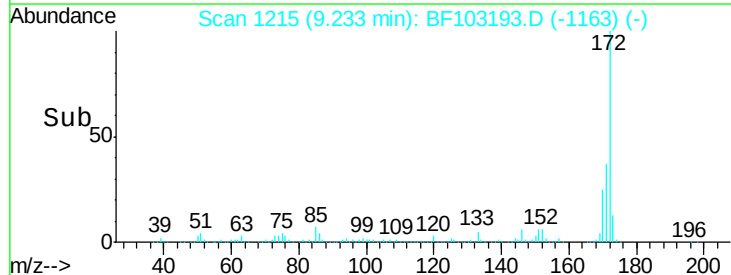


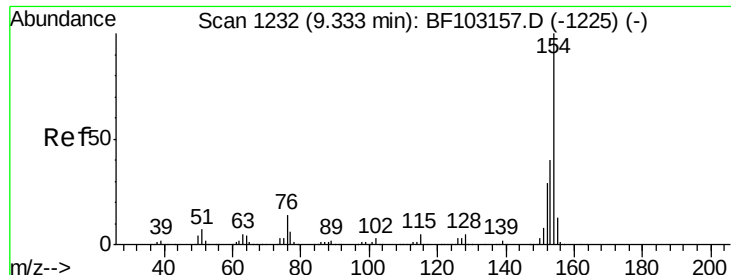
#44
 2-Fluorobiphenyl
 Concen: 85.421 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:172 Resp: 1753046
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.7 19.6 29.4



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

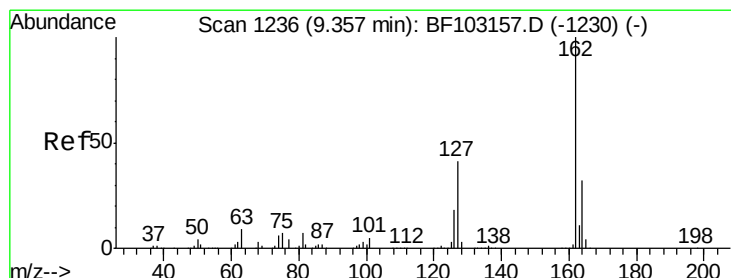
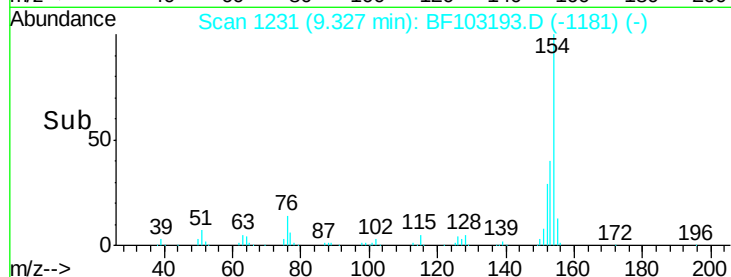
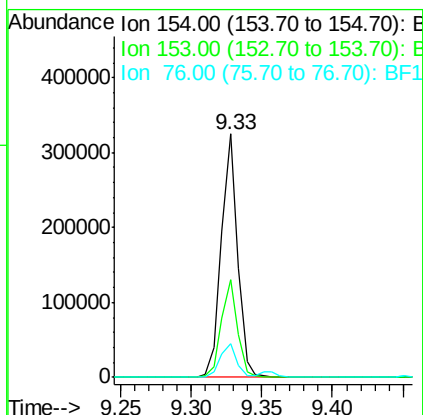
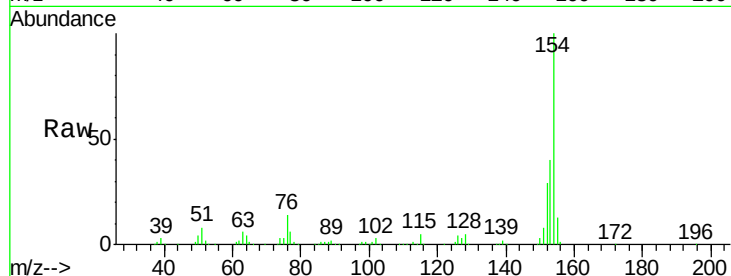




#45
 1,1'-Biphenyl
 Concen: 8.827 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

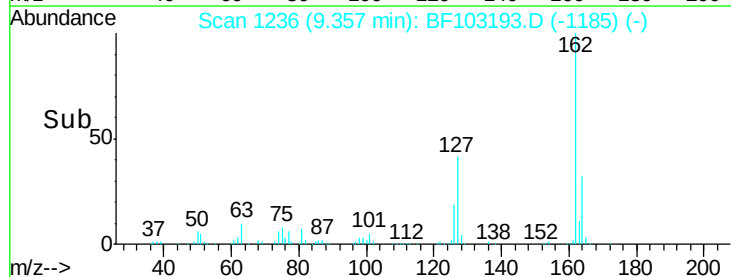
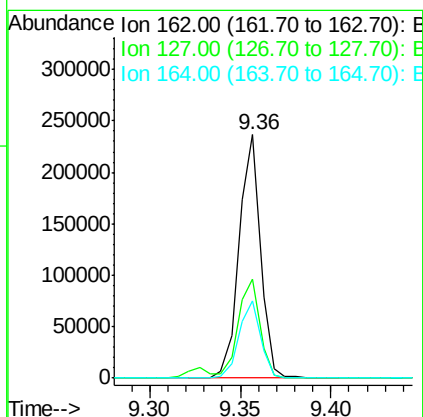
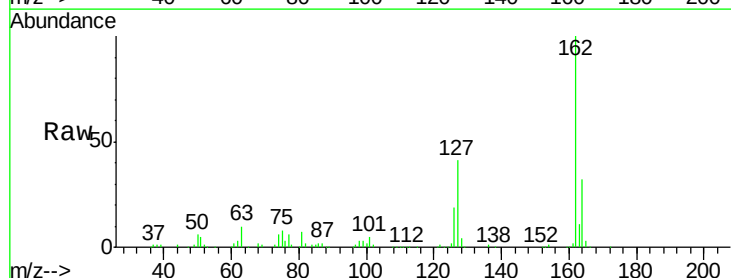
Instrument :
 BNA_F
 ClientSampleId :

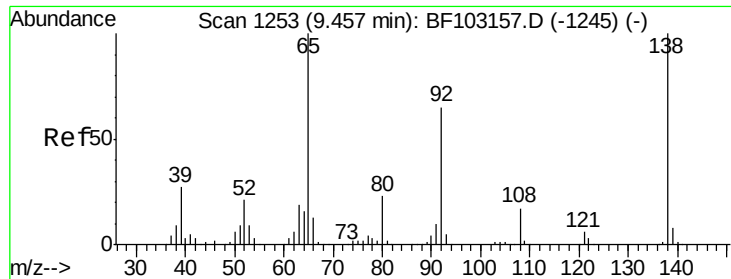
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 8.307 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	31.9	26.5	39.7

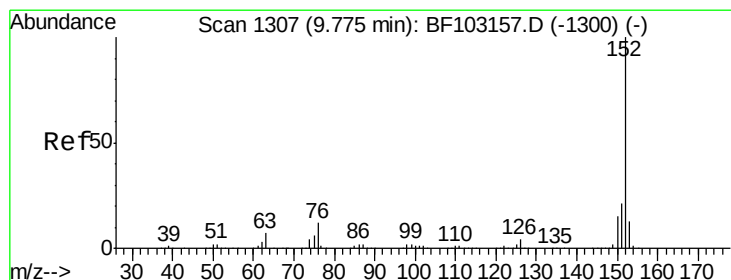
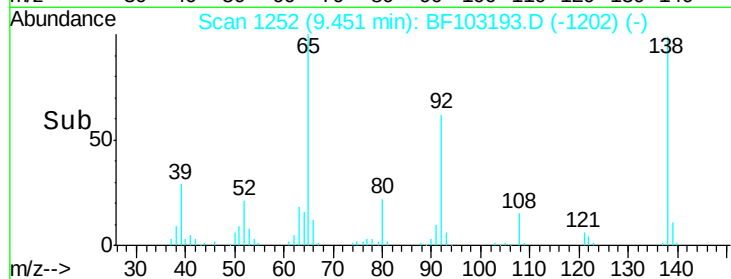
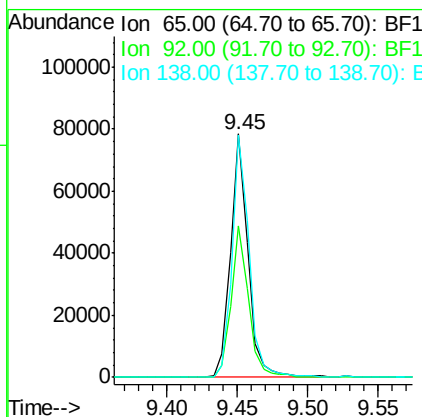
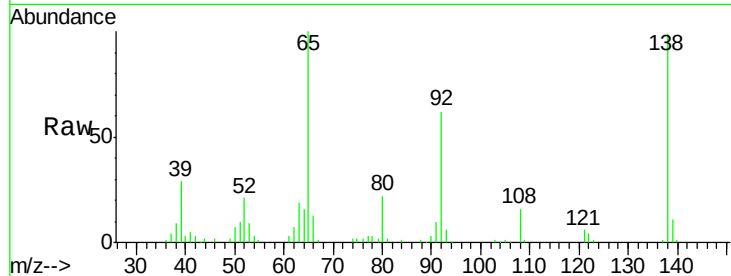




#47
 2-Nitroaniline
 Concen: 7.811 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

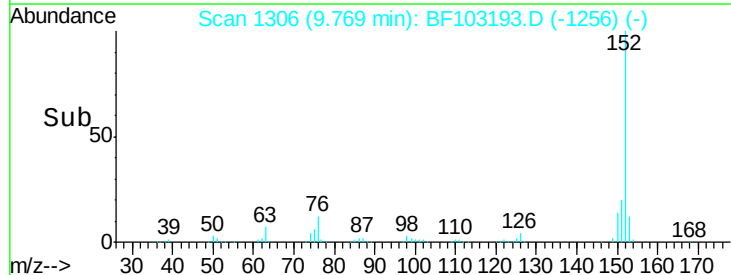
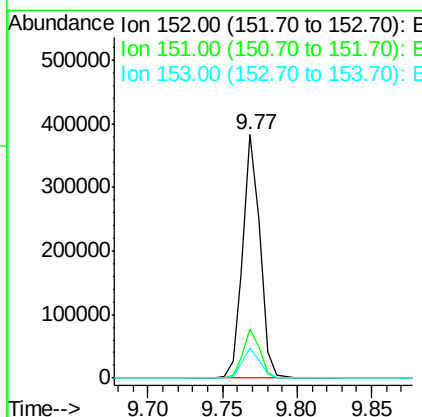
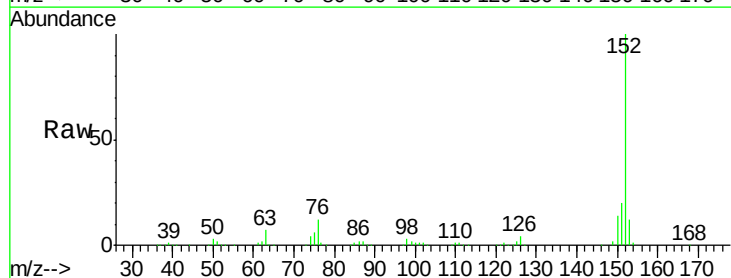
Instrument :
 BNA_F
 ClientSampleId :

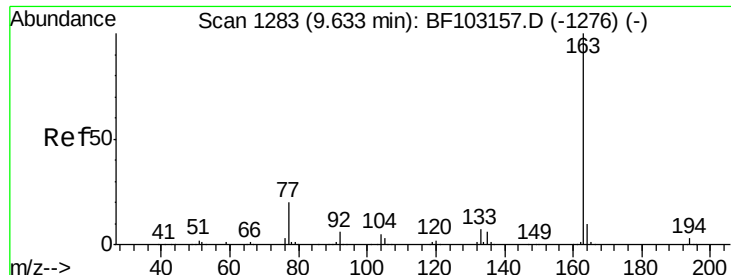
Tot Ion: 65 Resp: 67876
 Ion Ratio Lower Upper
 65 100
 92 62.0 55.8 83.6
 138 99.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 8.605 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion: 152 Resp: 310626
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 12.4 10.7 16.1

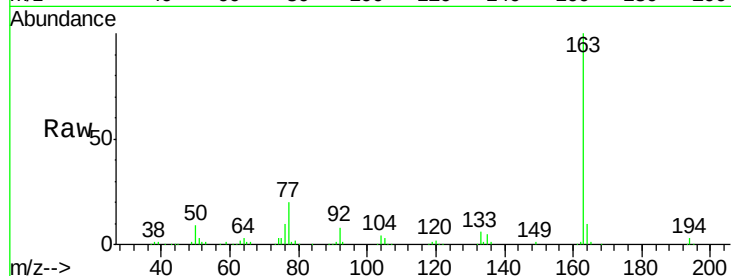




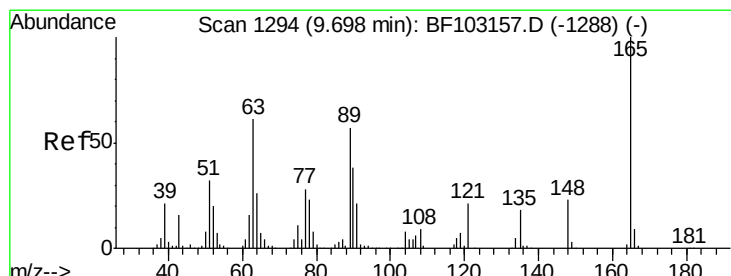
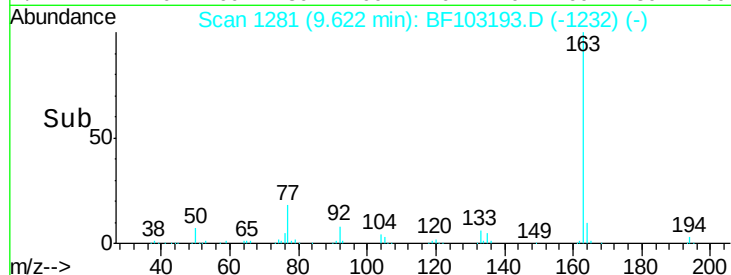
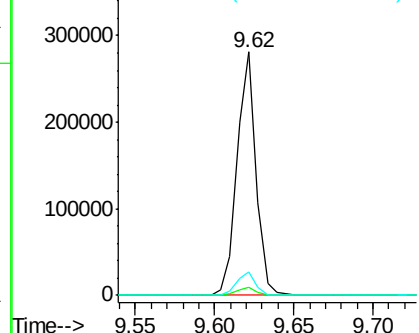
#49
Dimethylphthalate
Concen: 8.215 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 233220
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2

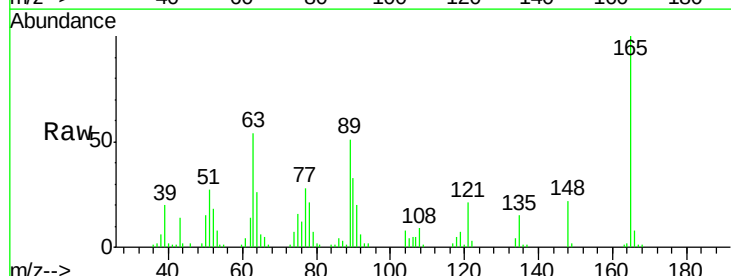


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

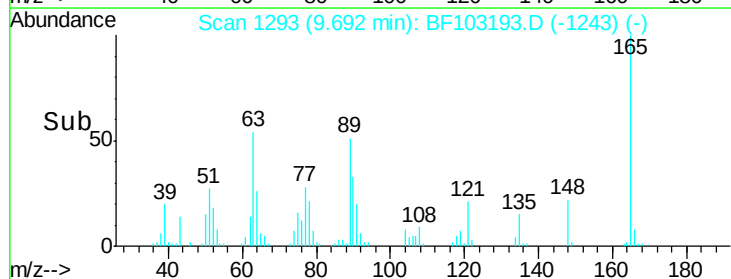
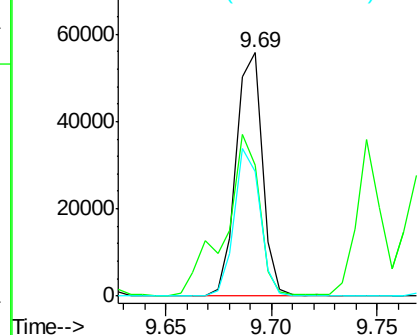


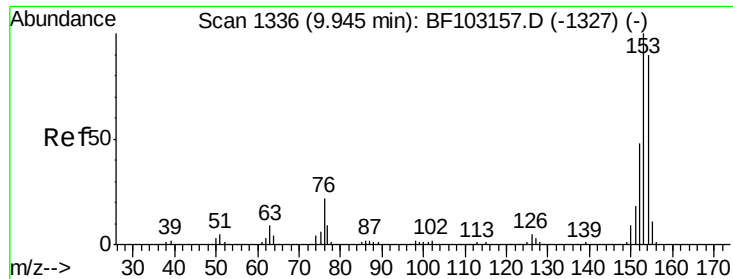
#50
2,6-Dinitrotoluene
Concen: 8.037 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:165 Resp: 47881
Ion Ratio Lower Upper
165 100
63 53.6 44.7 67.1
89 51.3 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: 8.641 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

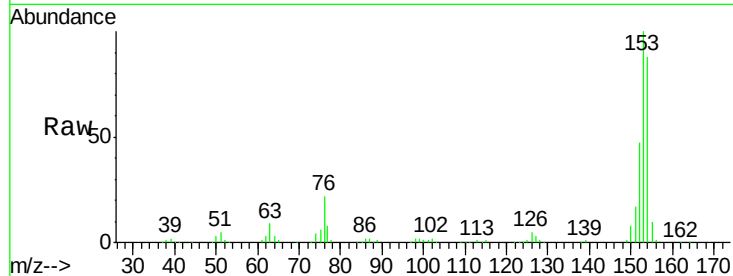
Tot Ion:154 Resp: 181873

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

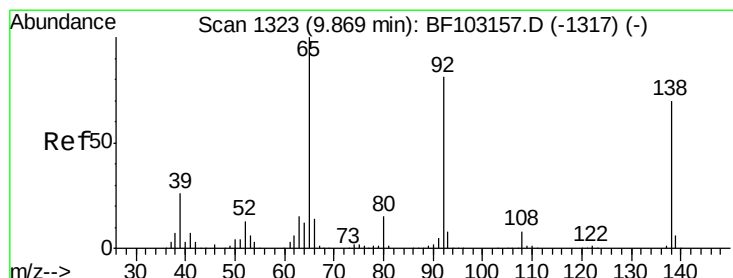
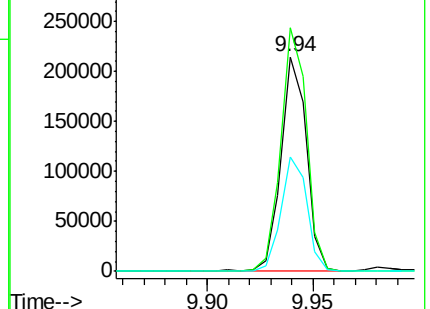
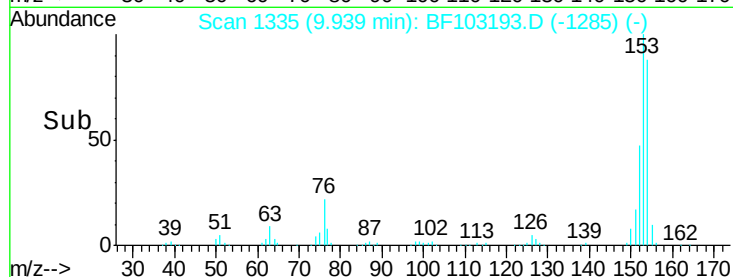
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.733 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

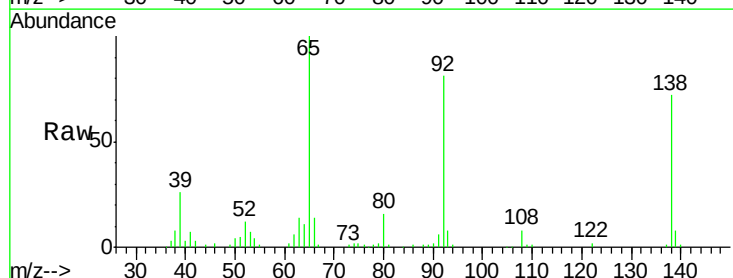
Tgt Ion:138 Resp: 58453

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

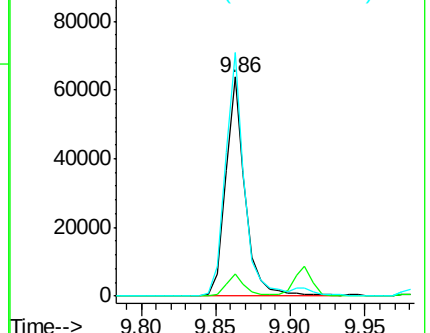
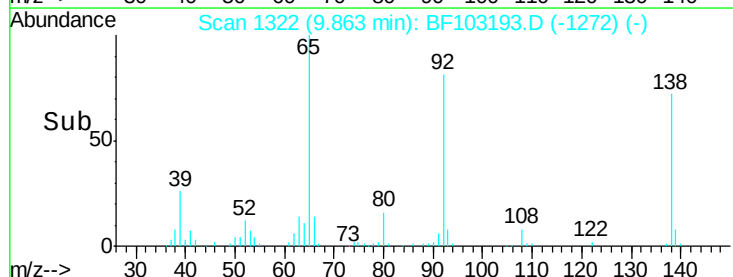
92 111.3 89.4 134.2

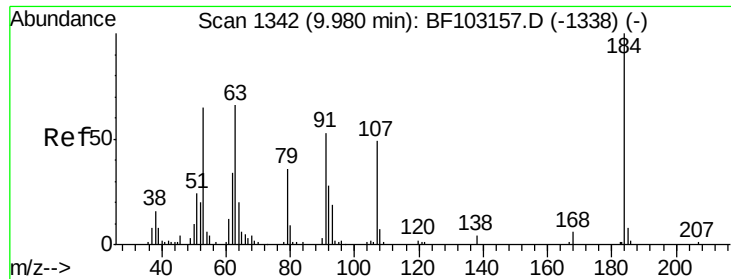


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

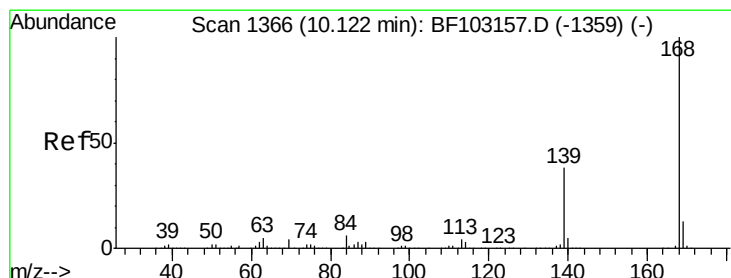
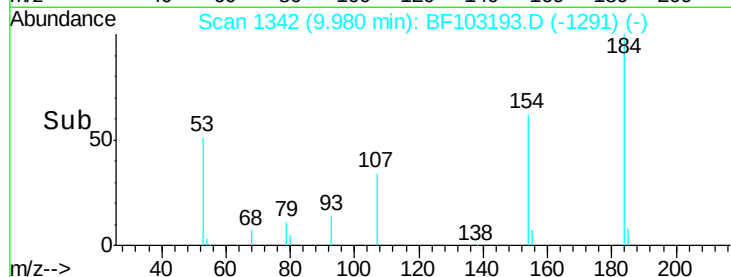
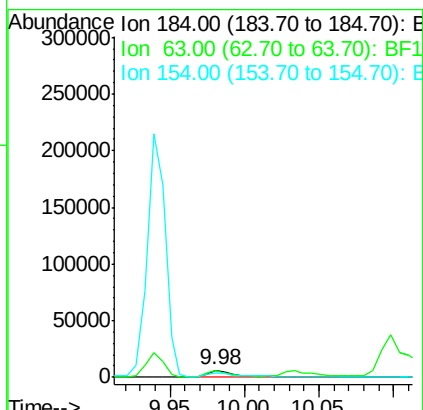
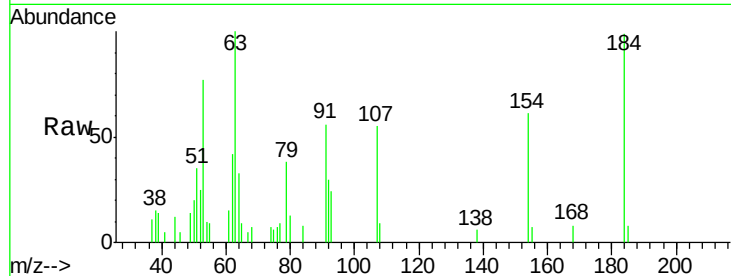




#53
2,4-Dinitrophenol
Concen: 13.264 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

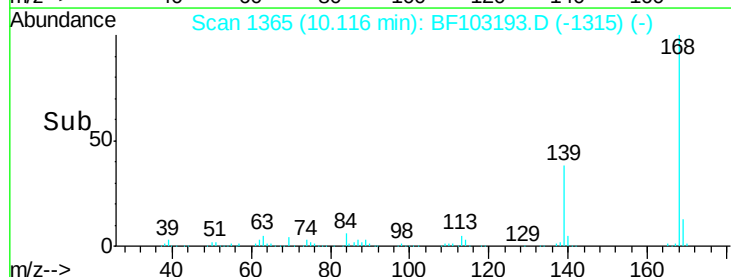
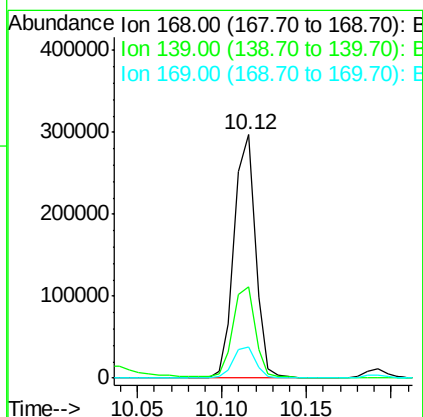
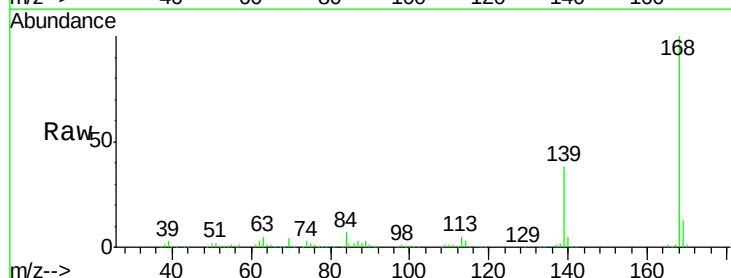
Instrument :
BNA_F
ClientSampled :

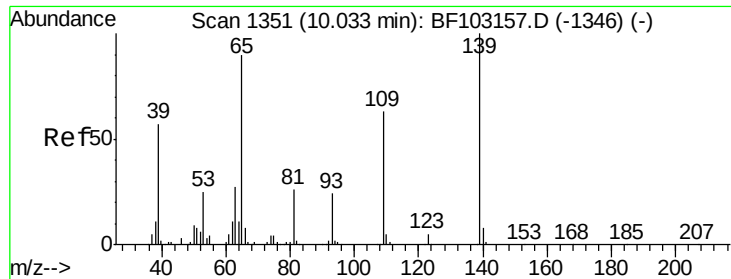
Tot Ion:184 Resp: 8910
Ion Ratio Lower Upper
184 100
63 101.4 54.2 81.2#
154 61.7 184.0 276.0#



#54
Dibenzofuran
Concen: 9.088 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:168 Resp: 262585
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 12.7 10.9 16.3

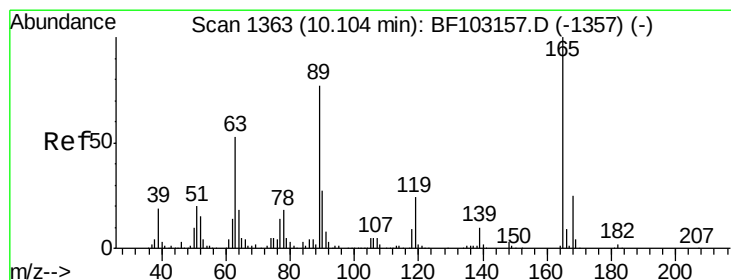
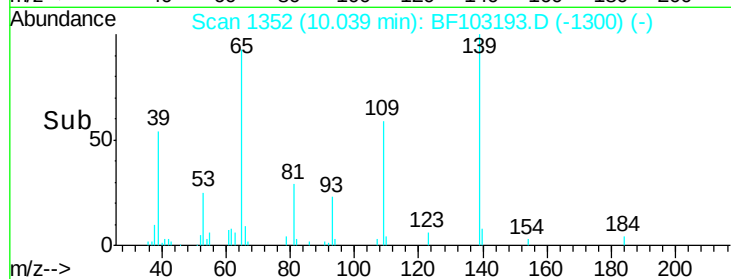
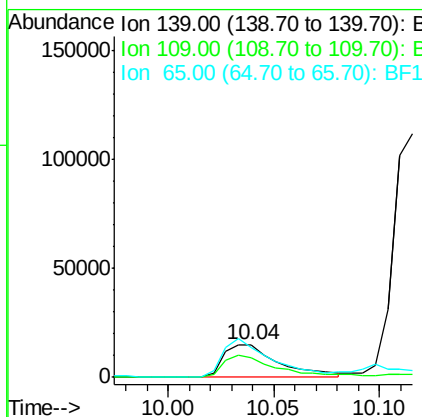
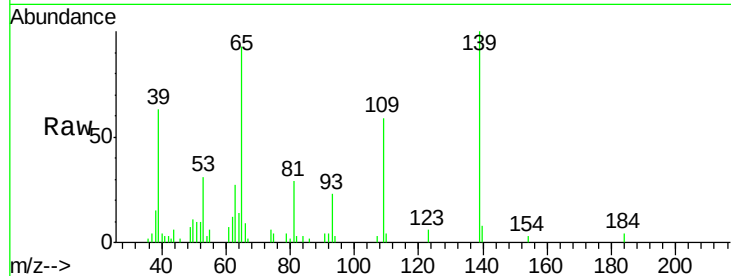




#55
4-Nitrophenol
Concen: 5.835 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

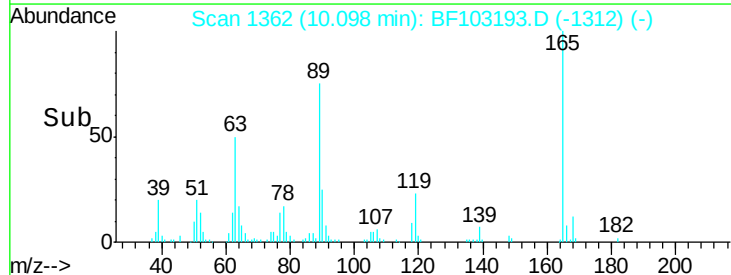
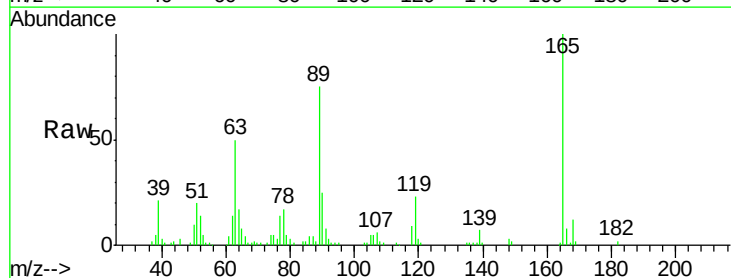
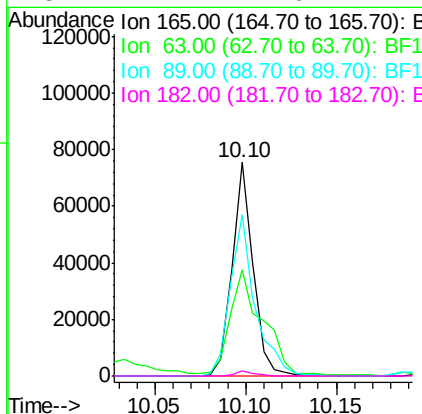
Instrument :
BNA_F
ClientSampled :

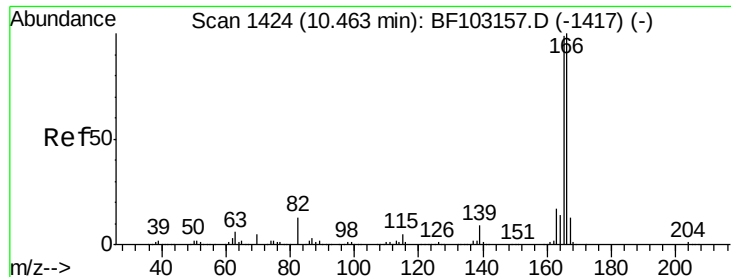
Tot Ion:139 Resp: 27337
Ion Ratio Lower Upper
139 100
109 59.5 48.4 88.4
65 92.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 8.126 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:165 Resp: 61225
Ion Ratio Lower Upper
165 100
63 49.6 36.4 54.6
89 75.2 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 8.512 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

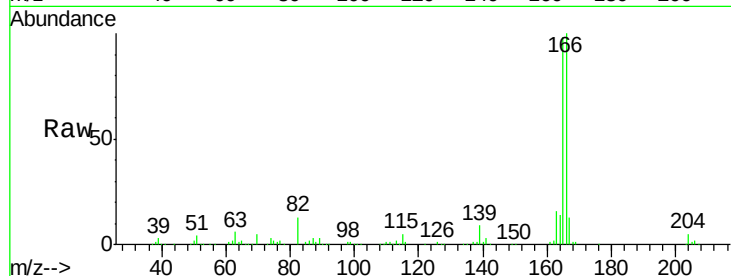
Tot Ion:166 Resp: 209512

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

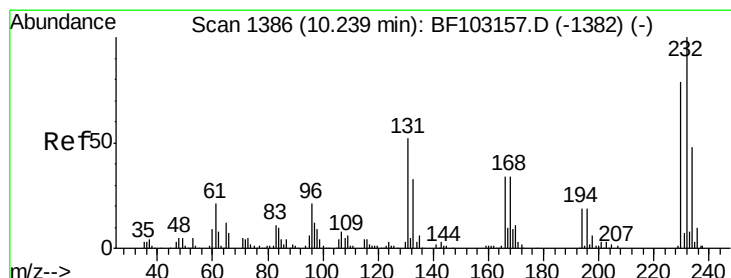
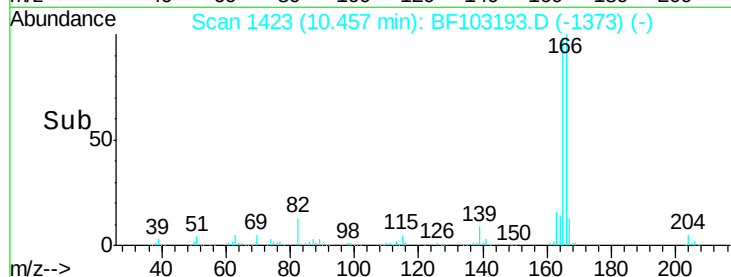
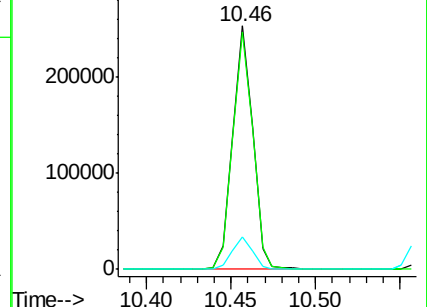
167 13.3 10.6 16.0



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: 7.742 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Tgt Ion:232 Resp: 38942

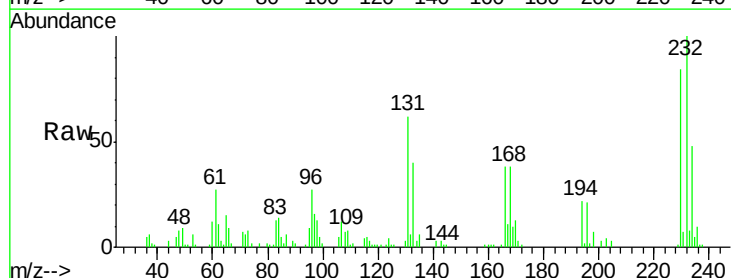
Ion Ratio Lower Upper

232 100

131 61.2 43.8 65.8

130 2.3 2.1 3.1

166 36.7 27.8 41.6

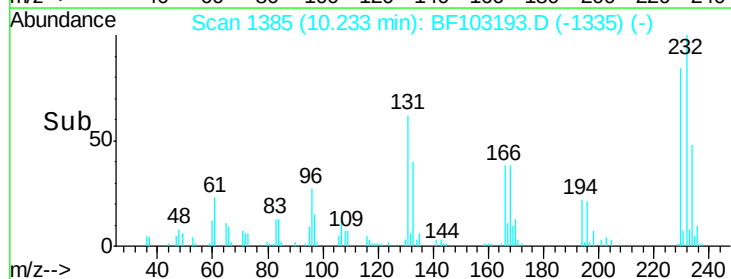
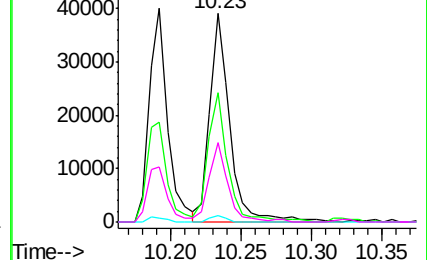


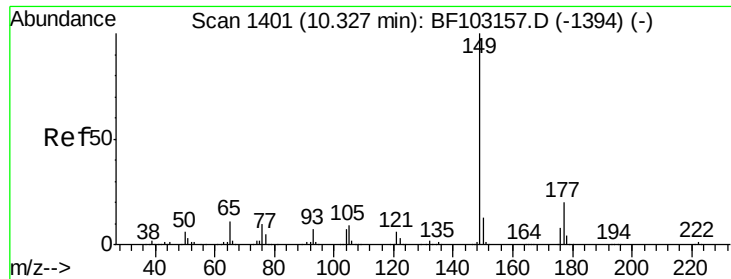
Abundance Ion 232.00 (231.70 to 232.70): E

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

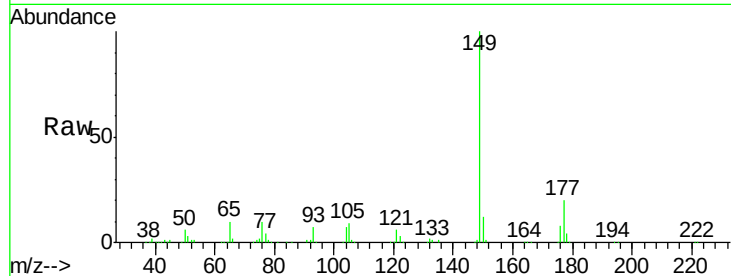




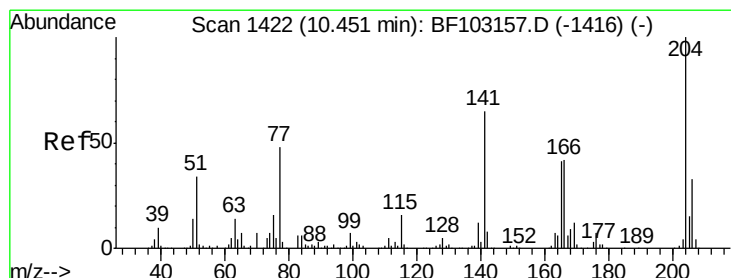
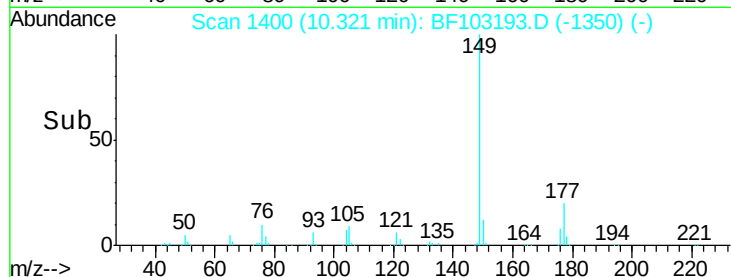
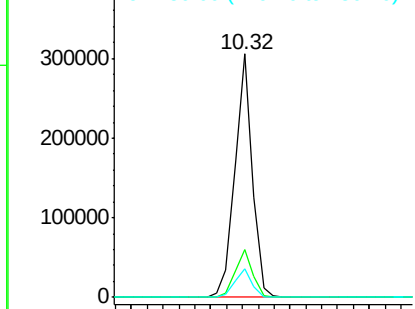
#59
Diethylphthalate
Concen: 8.558 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 232378
Ion Ratio Lower Upper
149 100
177 19.8 16.1 24.1
150 11.8 10.1 15.1

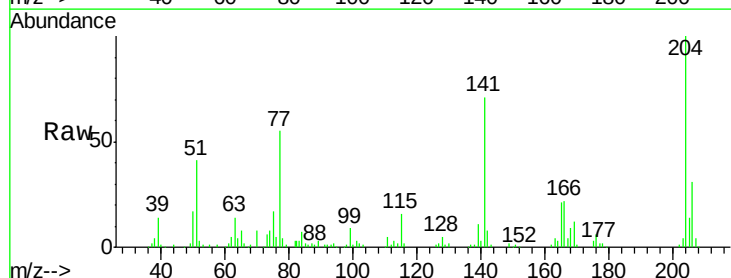


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

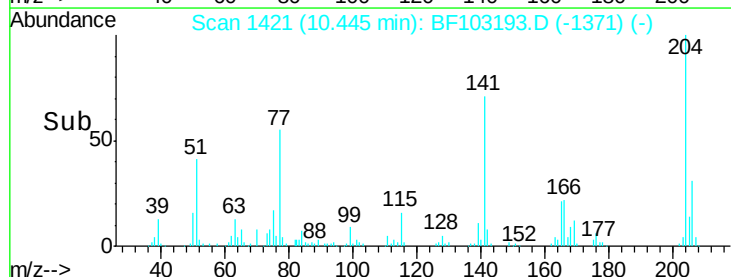
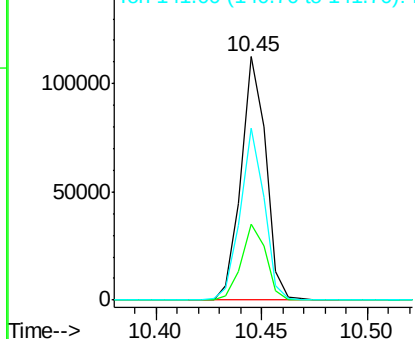


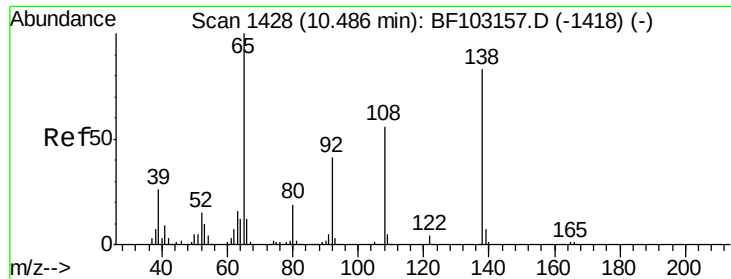
#60
4-Chlorophenyl-phenylether
Concen: 8.789 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:204 Resp: 91739
Ion Ratio Lower Upper
204 100
206 31.3 26.5 39.7
141 70.9 54.6 81.8



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

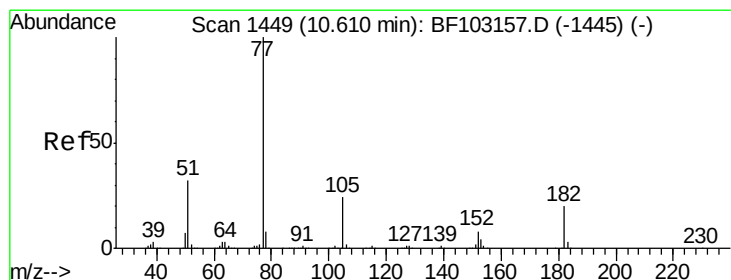
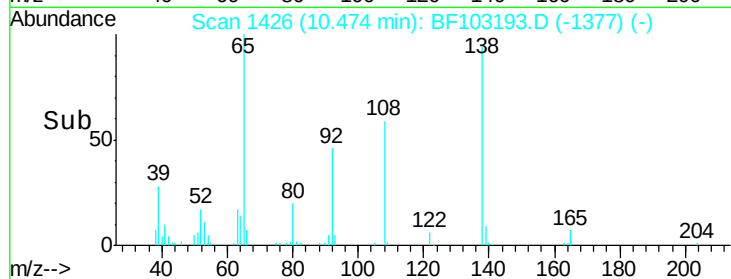
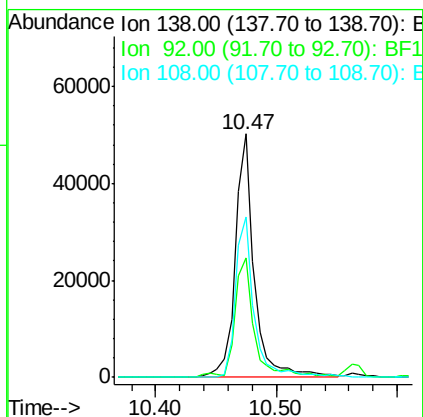
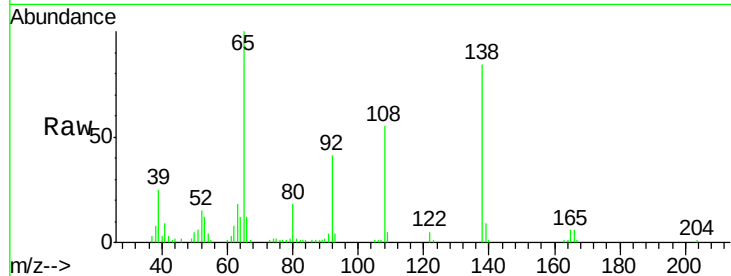




#61
4-Nitroaniline
Concen: 7.318 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

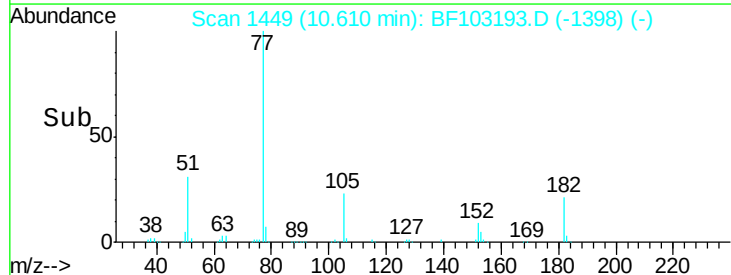
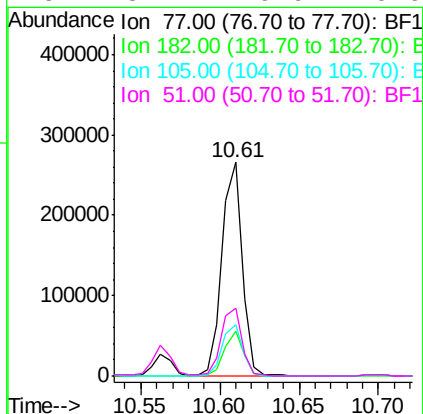
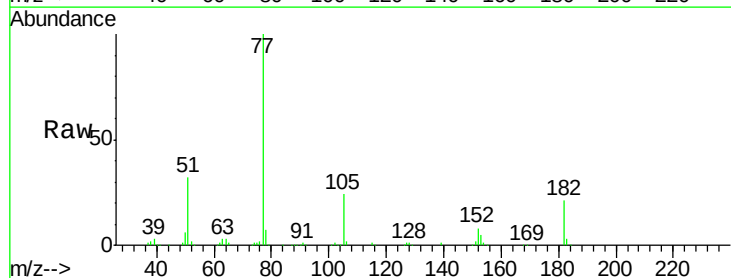
Instrument :
BNA_F
ClientSampleId :

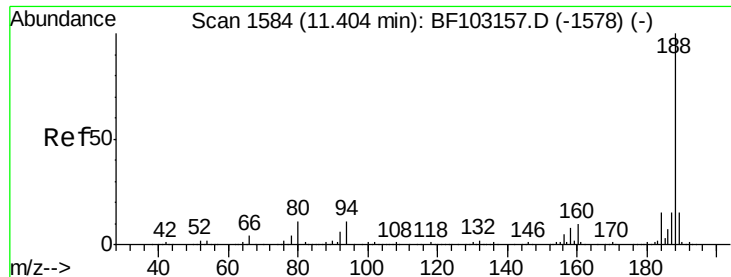
Tot Ion:138 Resp: 55250
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 8.518 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion: 77 Resp: 235415
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 24.0 3.0 43.0
51 31.7 9.9 49.9

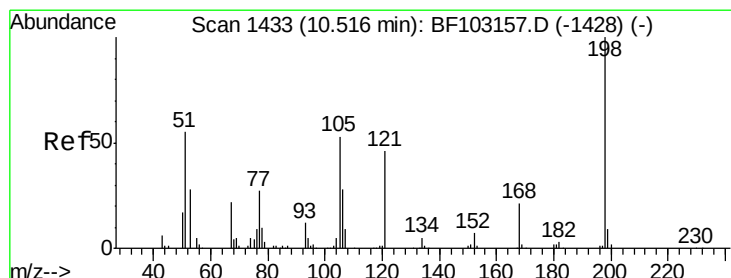
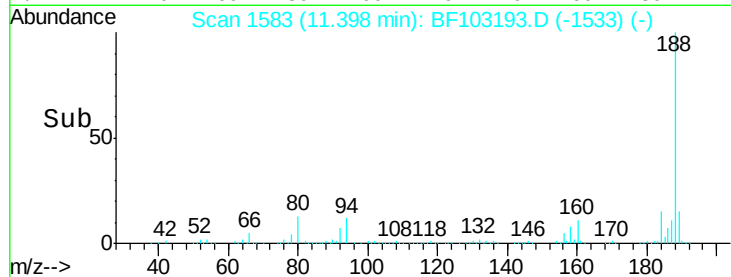
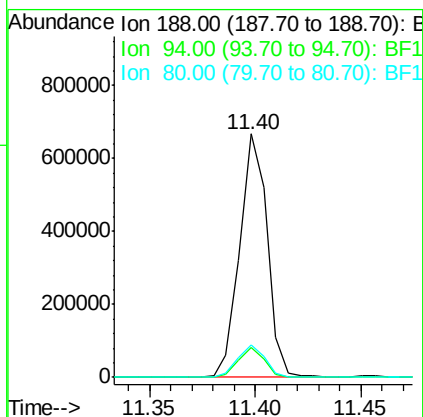
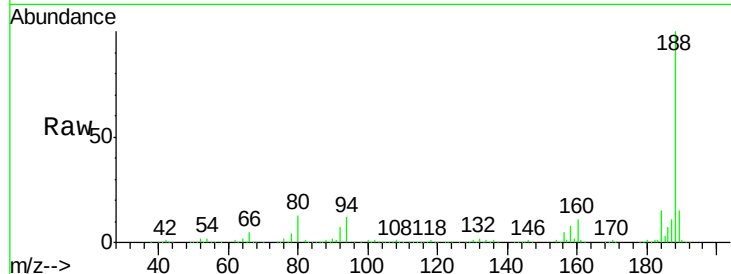




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

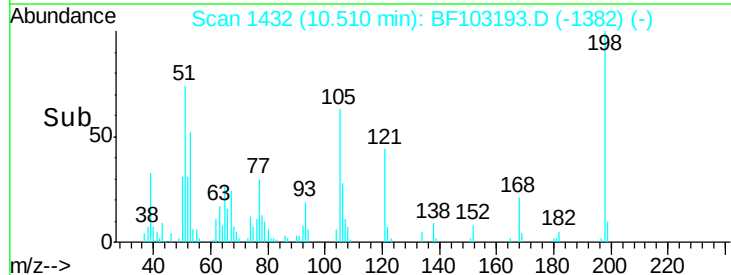
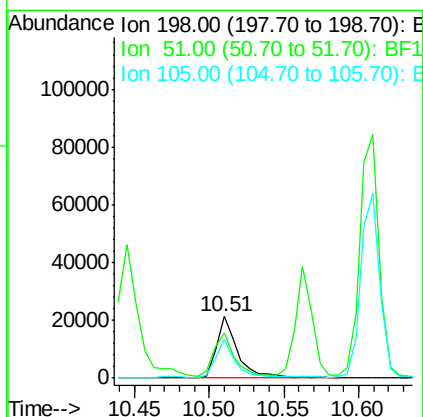
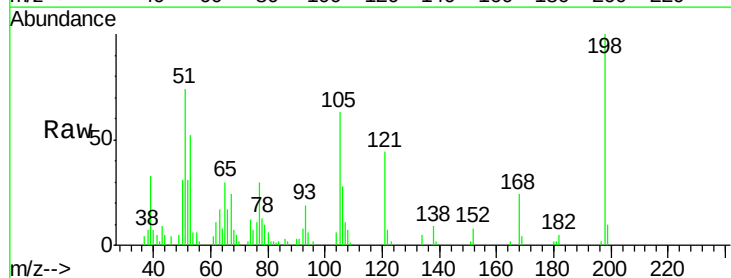
Instrument :
 BNA_F
 ClientSampleId :

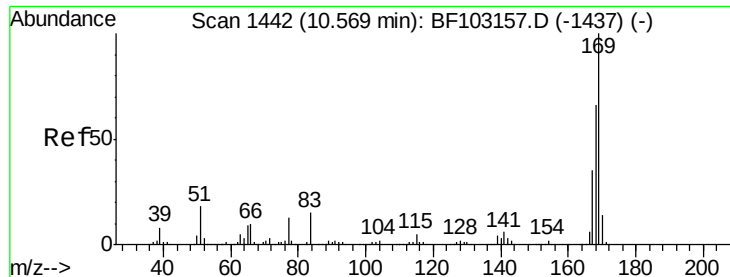
Tot Ion:188 Resp: 604884
 Ion Ratio Lower Upper
 188 100
 94 12.3 8.5 12.7
 80 13.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.103 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:198 Resp: 21163
 Ion Ratio Lower Upper
 198 100
 51 73.8 37.7 77.7
 105 62.7 36.3 76.3

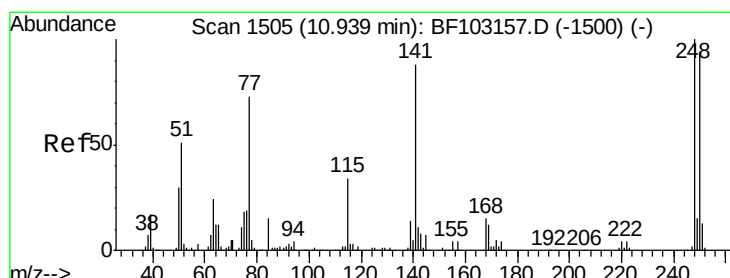
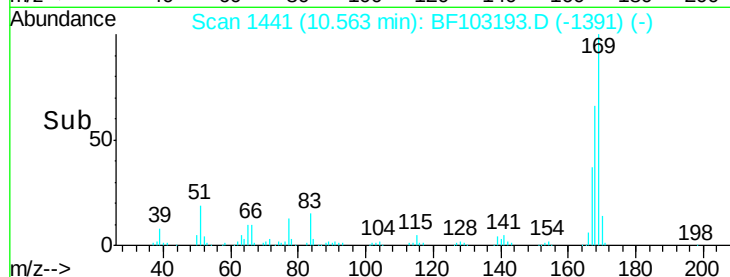
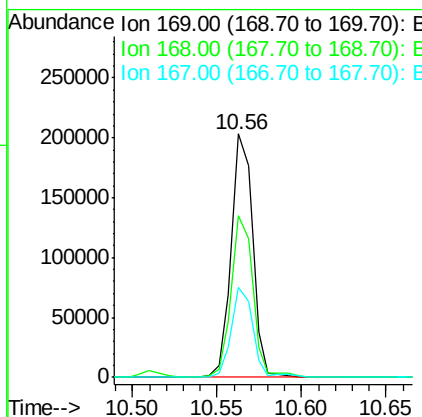
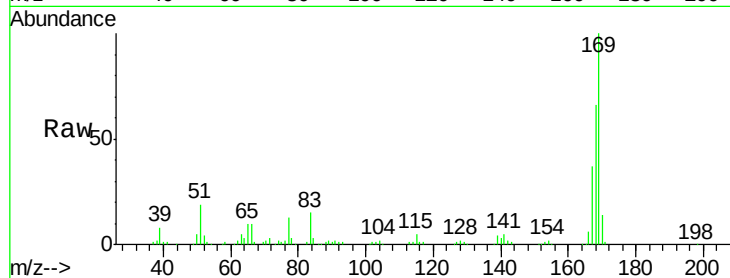




#65
 n-Nitrosodiphenylamine
 Concen: 8.486 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

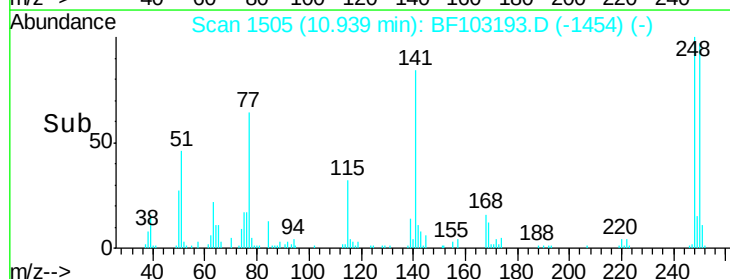
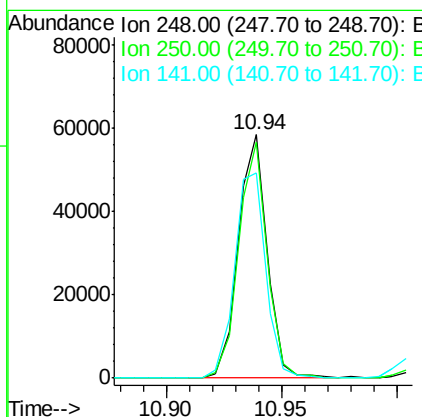
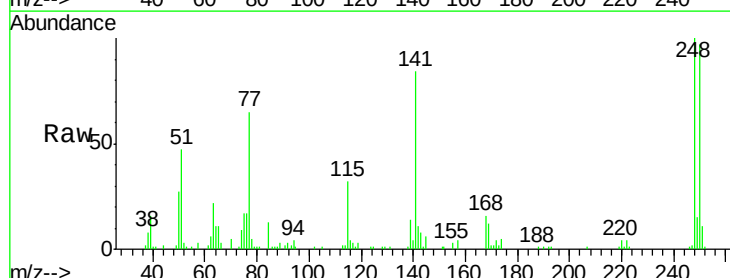
Instrument :
 BNA_F
 ClientSampleId :

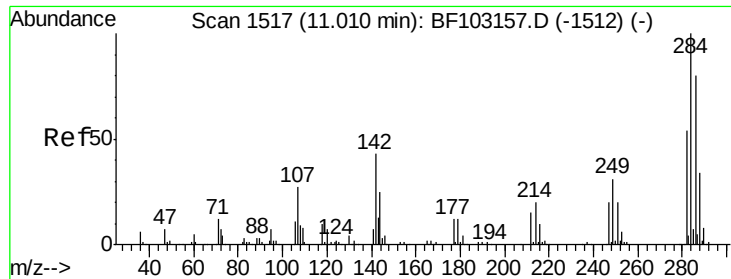
Tot Ion:169 Resp: 178730
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 8.079 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:248 Resp: 50905
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 84.2 74.4 111.6

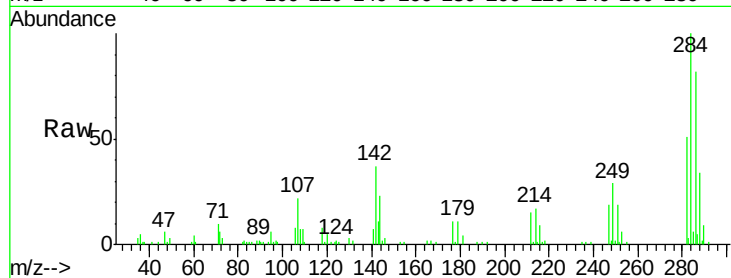




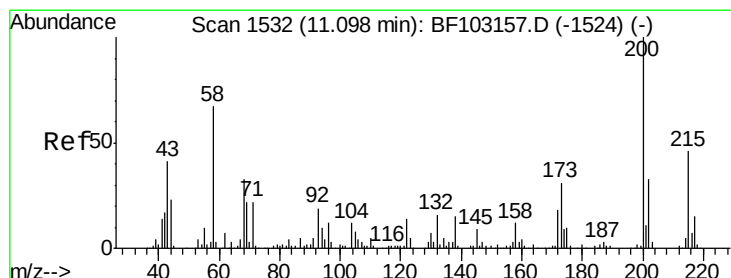
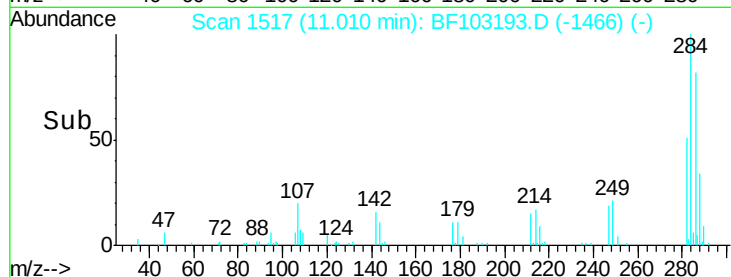
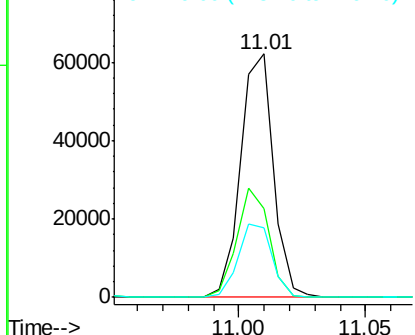
#67
Hexachlorobenzene
Concen: 8.129 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 55598
Ion Ratio Lower Upper
284 100
142 36.6 34.6 52.0
249 28.7 24.8 37.2

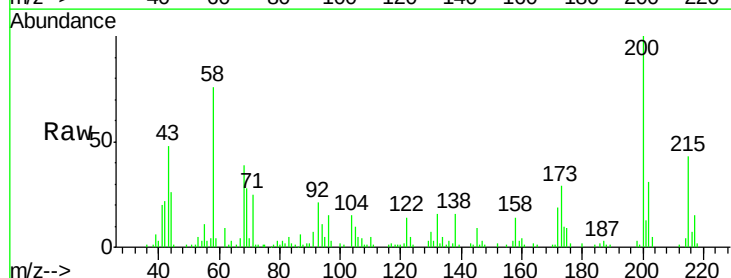


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

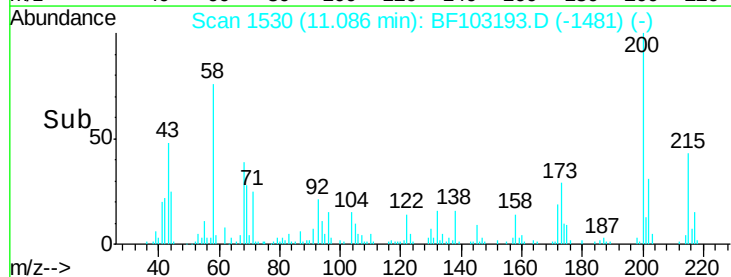
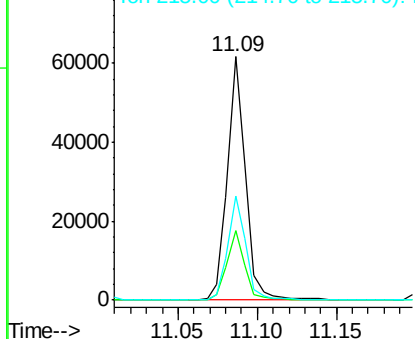


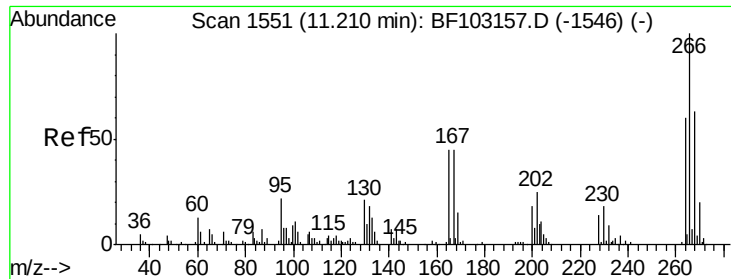
#68
Atrazine
Concen: 7.726 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:200 Resp: 48906
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 42.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

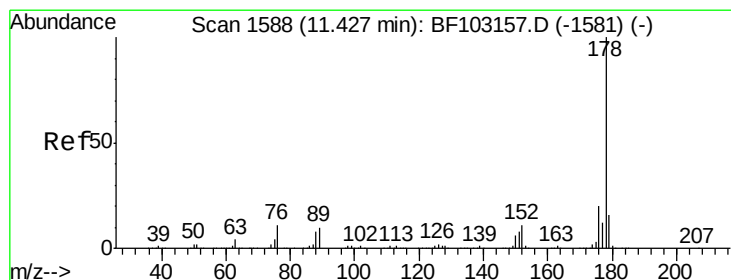
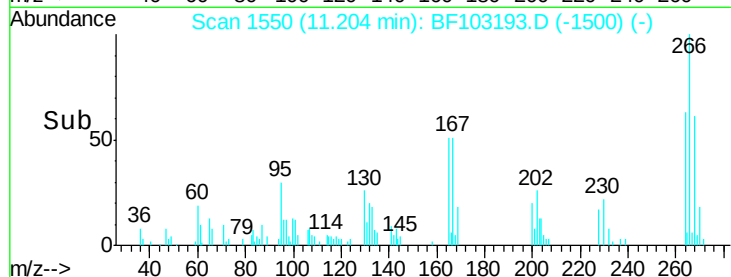
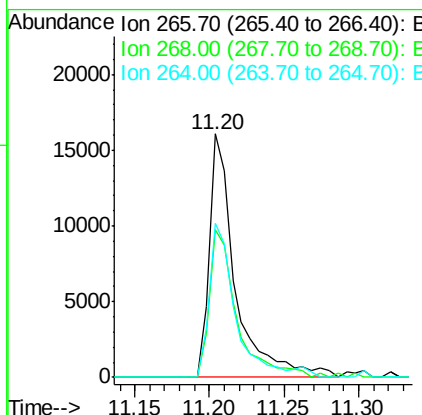
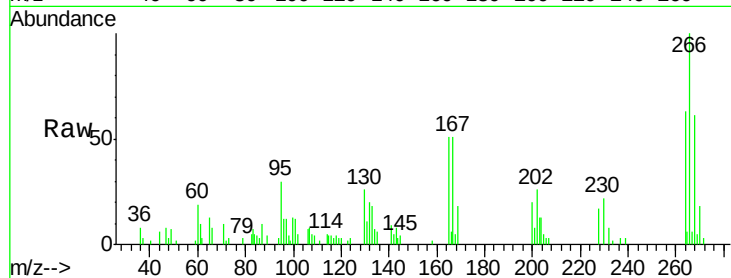




#69
 Pentachlorophenol
 Concen: 5.895 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

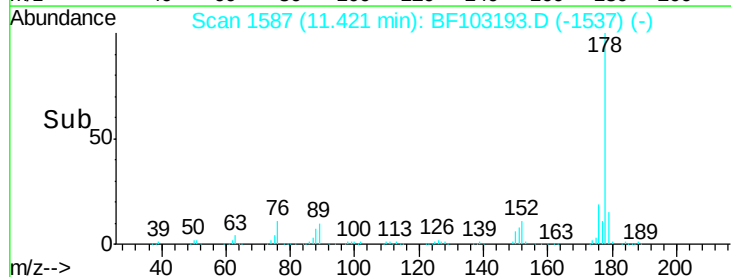
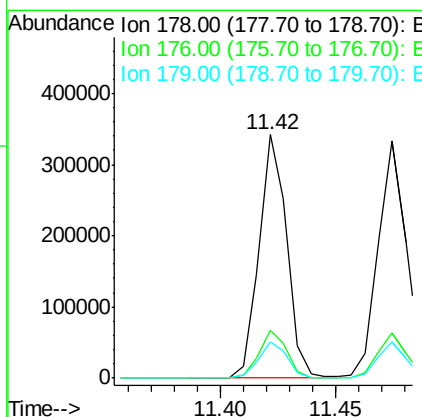
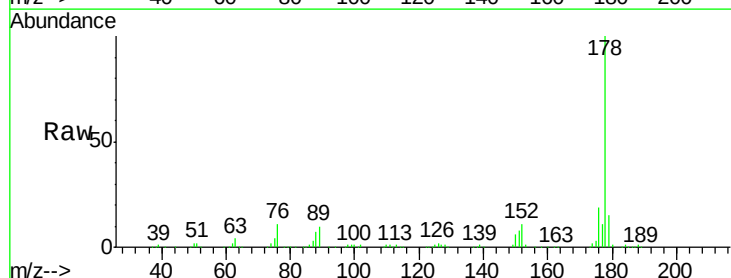
Instrument :
 BNA_F
 ClientSampled :

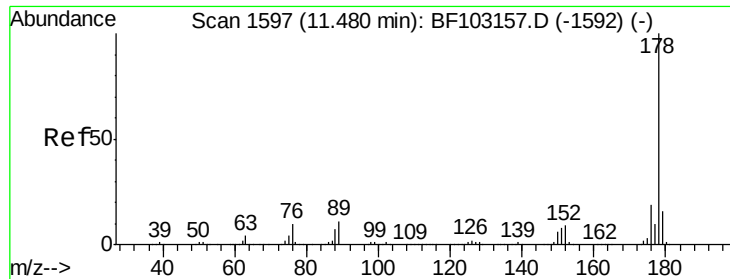
Tot Ion:266 Resp: 19495
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.1 76.7
 264 69.0 49.5 74.3



#70
 Phenanthrene
 Concen: 8.645 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:178 Resp: 287774
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 14.8 13.0 19.6

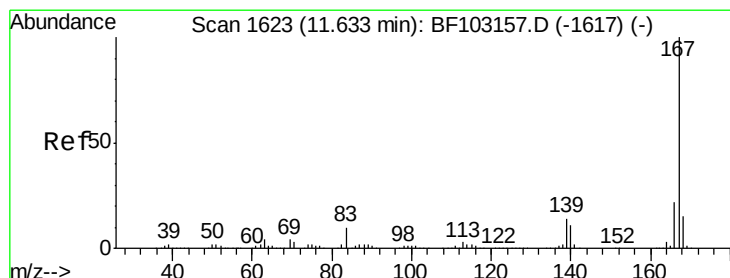
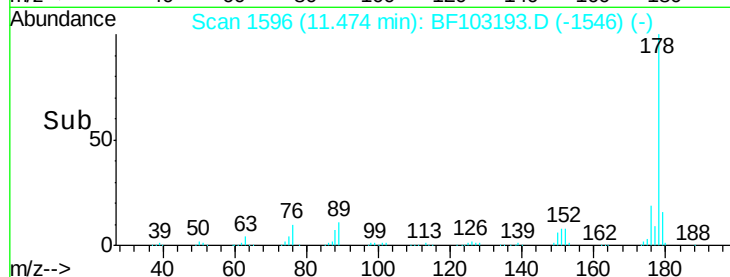
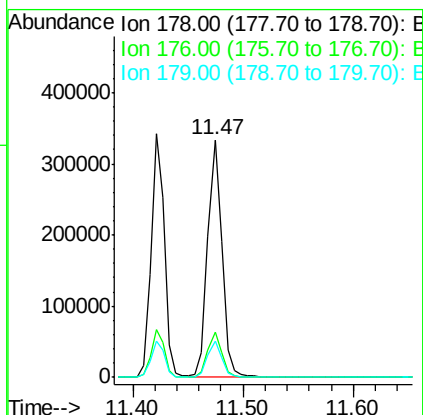
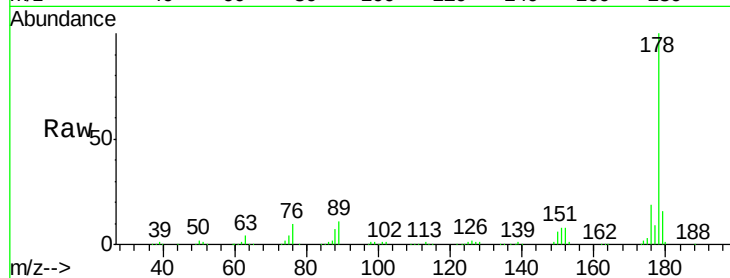




#71
 Anthracene
 Concen: 8.587 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

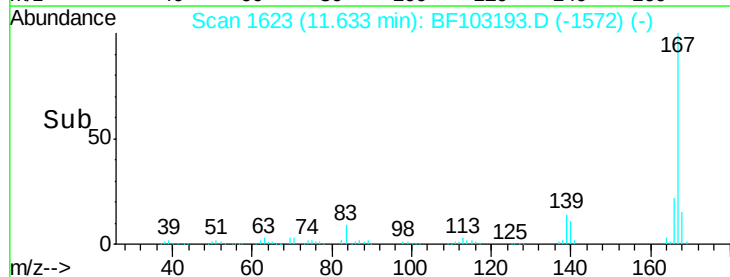
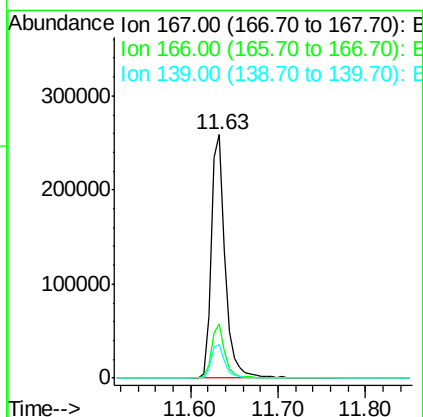
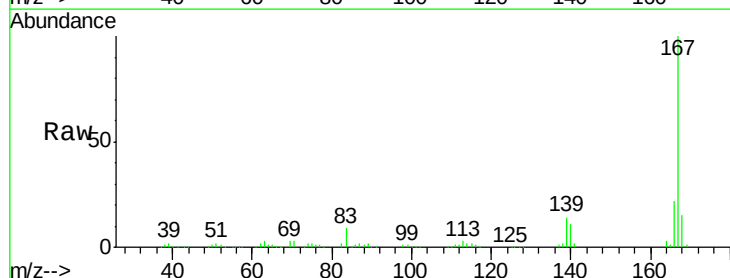
Instrument :
 BNA_F
 ClientSampled :

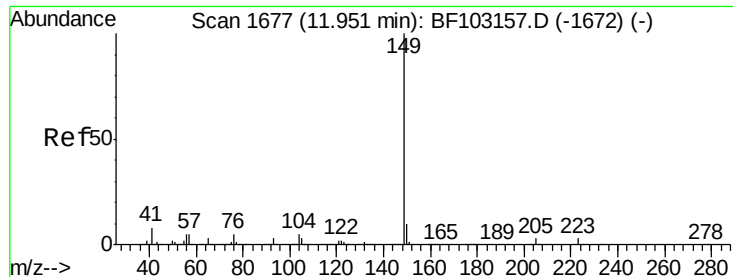
Tot Ion:178 Resp: 293105
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 8.389 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103193.D
 Acq: 23 Feb 2018 12:25

Tgt Ion:167 Resp: 285171
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 8.416 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

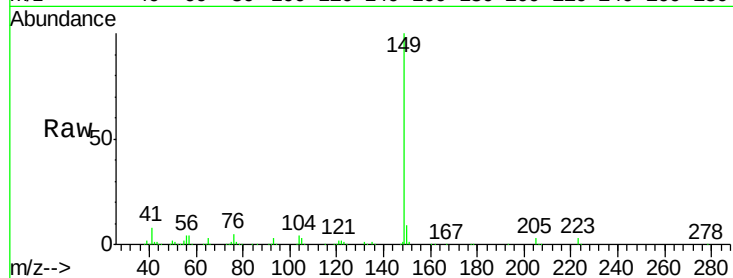
Tot Ion:149 Resp: 357981

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

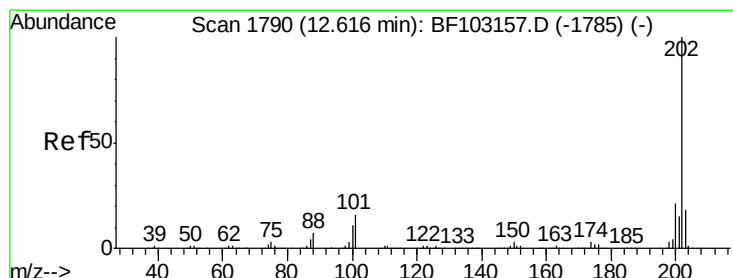
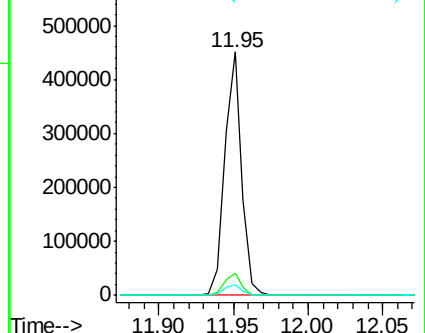
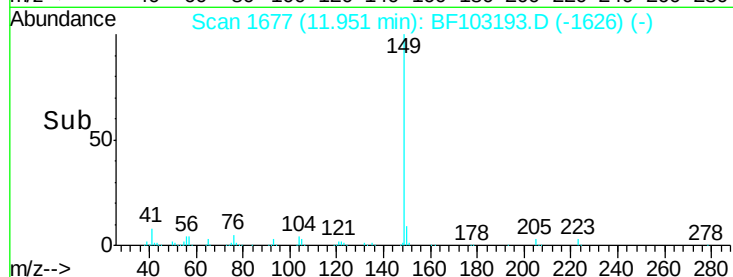
104 4.4 3.8 5.8



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: 8.329 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

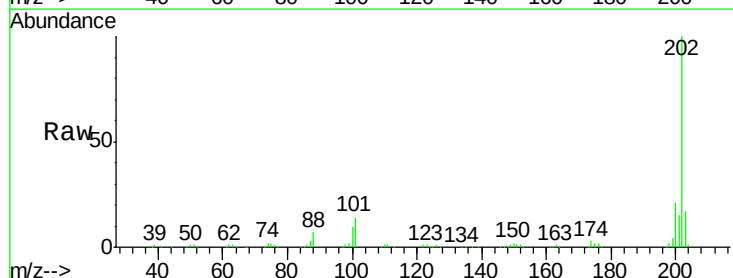
Tgt Ion:202 Resp: 278605

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

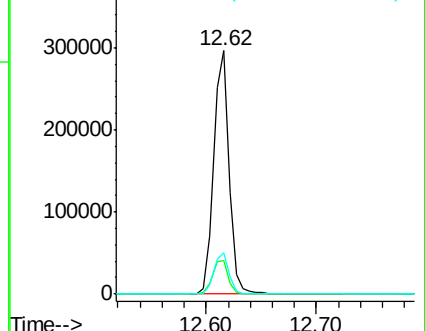
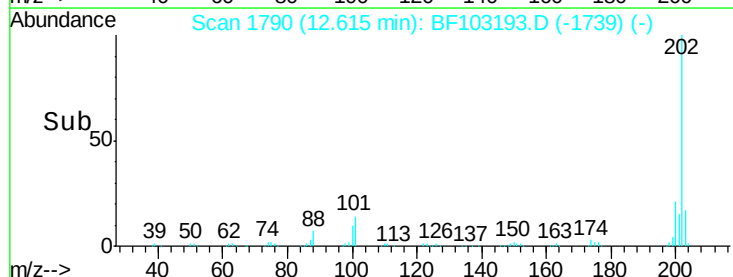
203 17.1 0.0 38.1

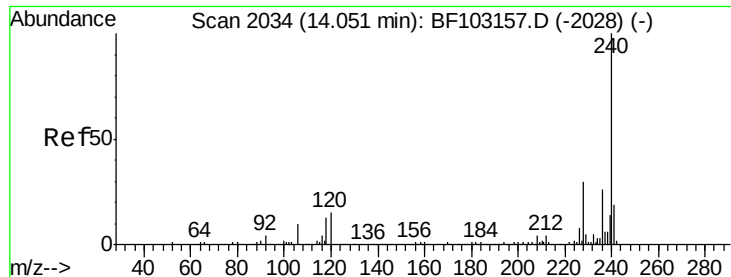


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleID :

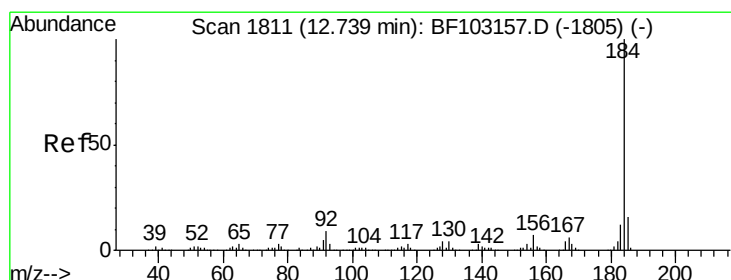
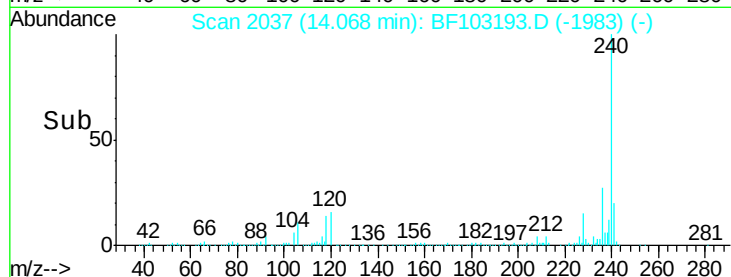
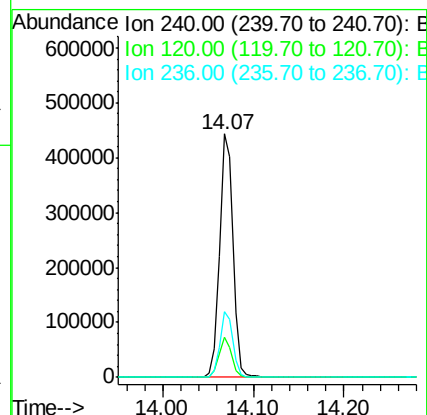
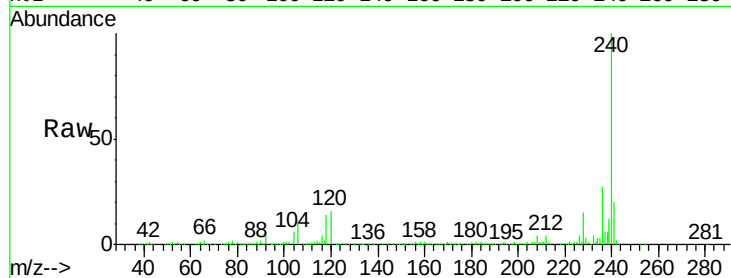
Tot Ion:240 Resp: 453170

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

236 26.9 20.7 31.1



#76

Benzidine

Concen: 4.305 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

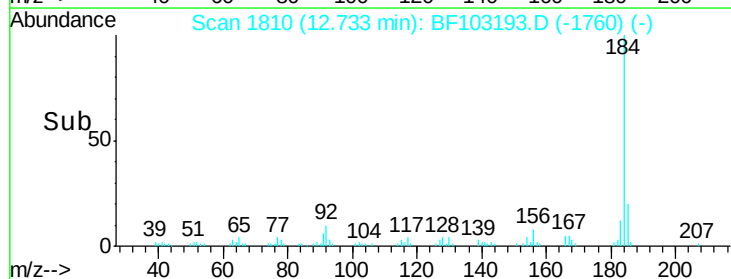
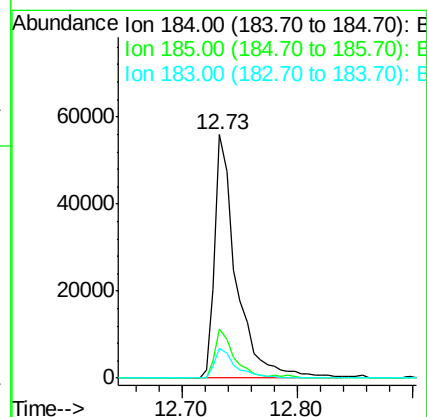
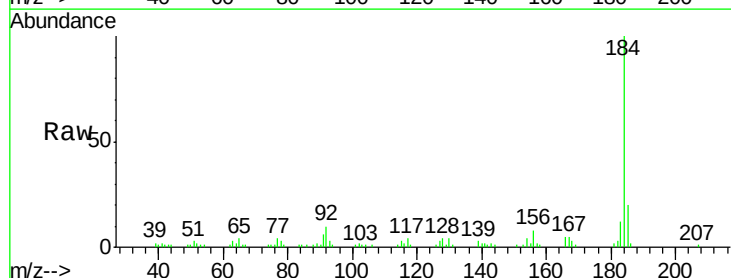
Tgt Ion:184 Resp: 72934

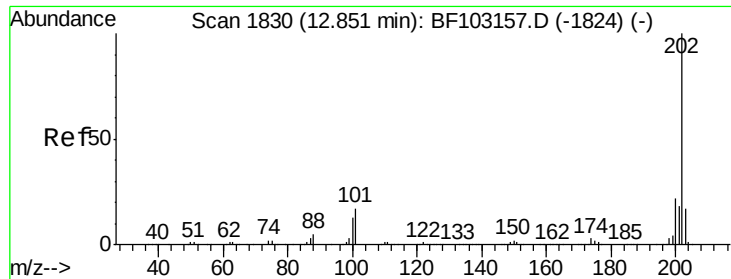
Ion Ratio Lower Upper

184 100

185 19.9 12.6 18.8#

183 12.4 9.3 13.9

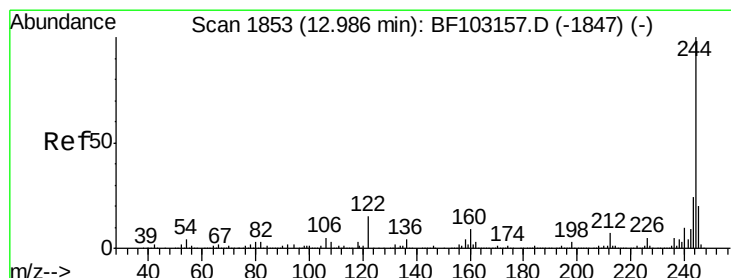
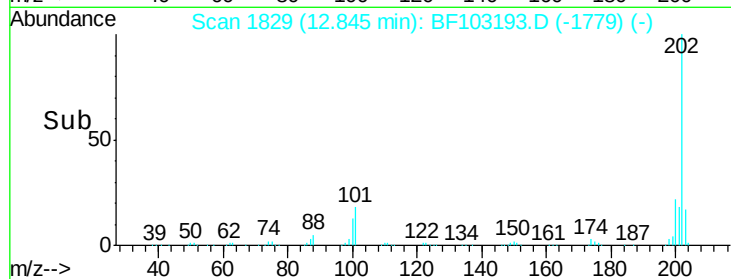
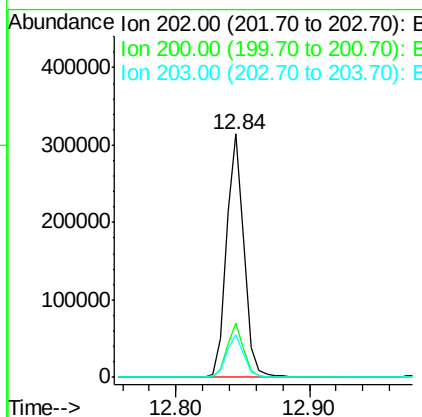
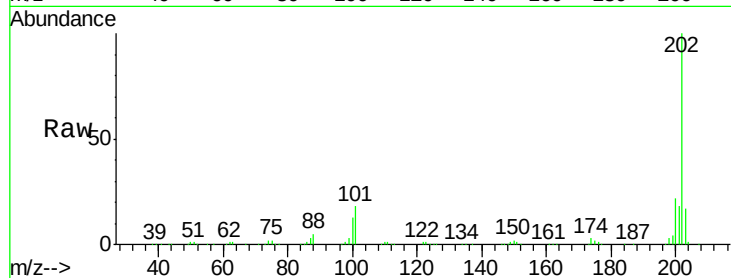




#77
Pvrene
Concen: 8.190 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

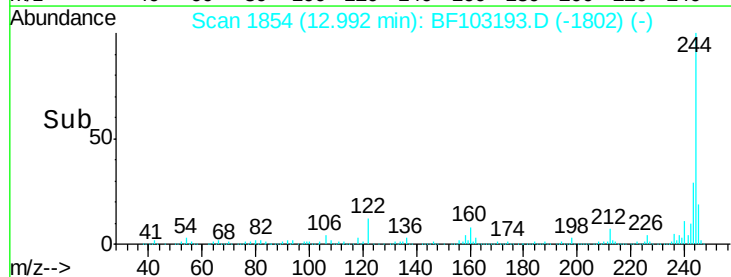
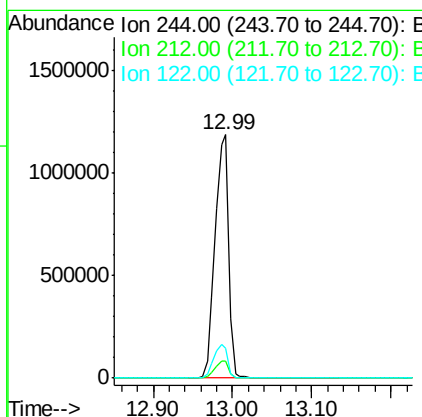
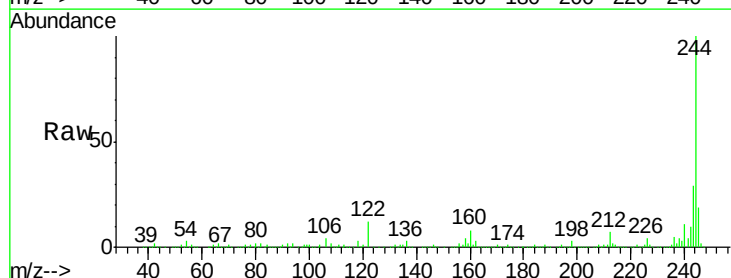
Instrument :
BNA_F
ClientSampleId :

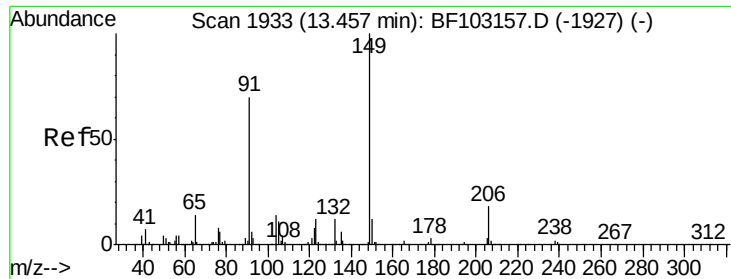
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.5	14.3	21.5



#78
Terphenyl-d14
Concen: 74.622 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4

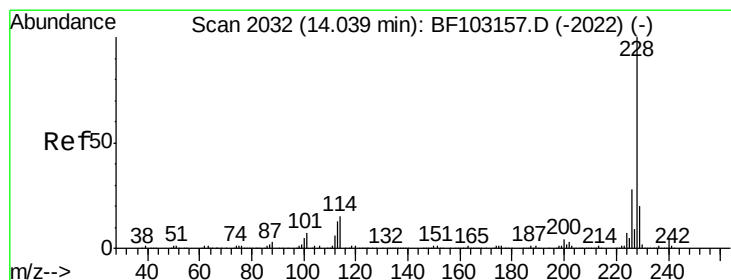
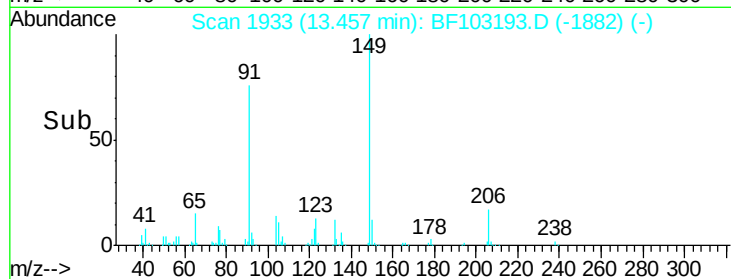
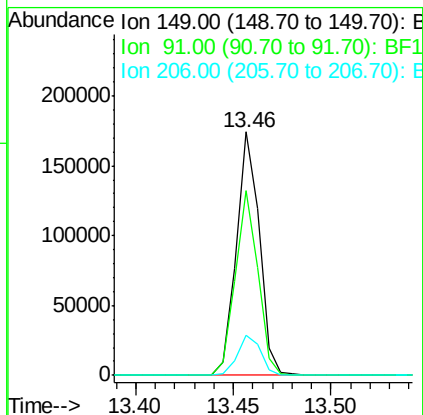
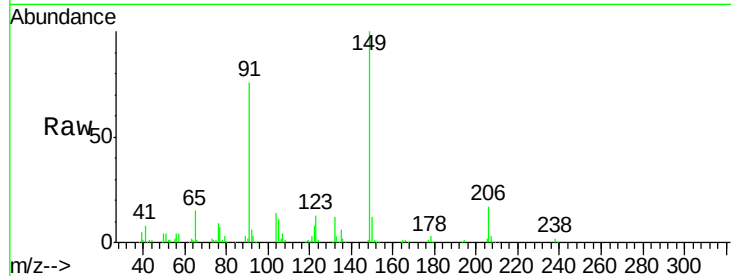




#79
Butylbenzylphthalate
Concen: 7.634 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

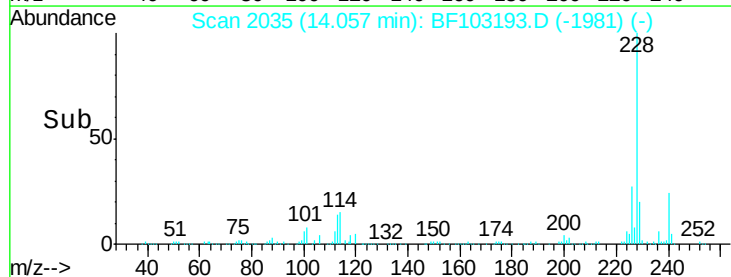
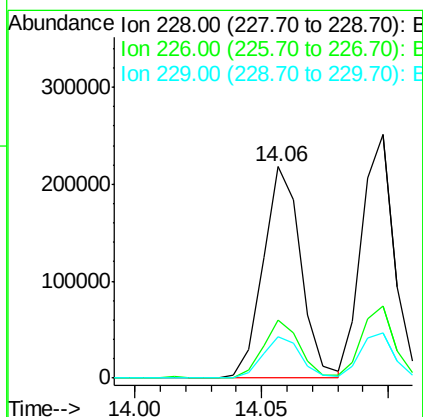
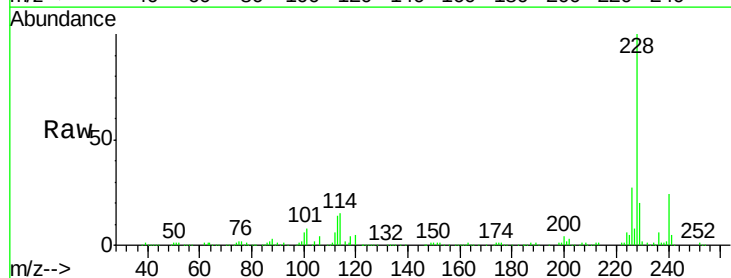
Instrument :
BNA_F
ClientSampleId :

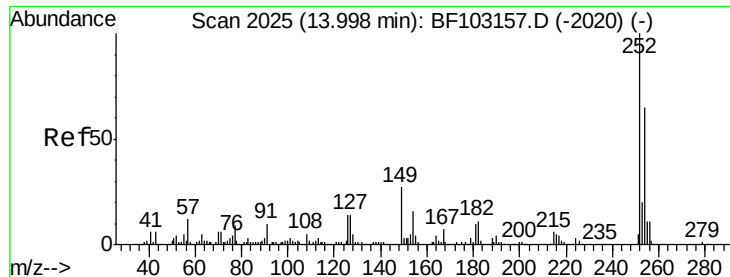
Tot Ion:149 Resp: 142498
Ion Ratio Lower Upper
149 100
91 76.1 56.8 85.2
206 16.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 7.727 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:228 Resp: 227211
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 7.481 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

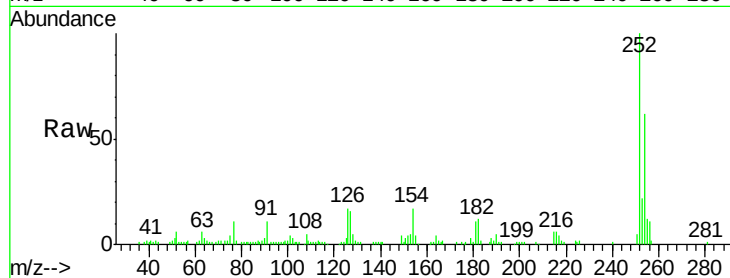
Tot Ion:252 Resp: 78501

Ion Ratio Lower Upper

252 100

254 62.3 50.4 75.6

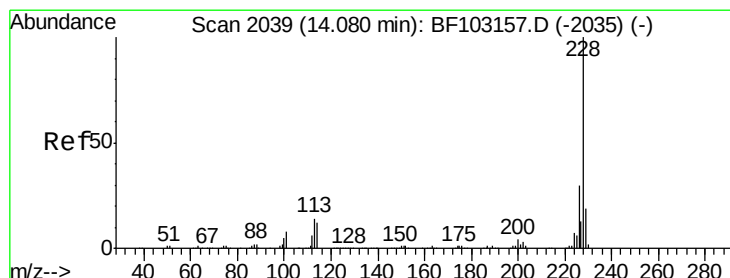
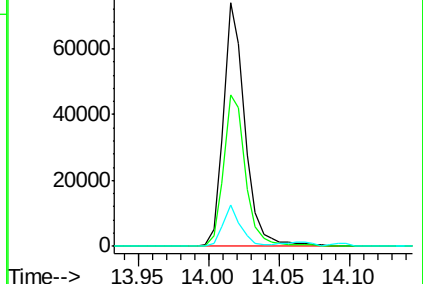
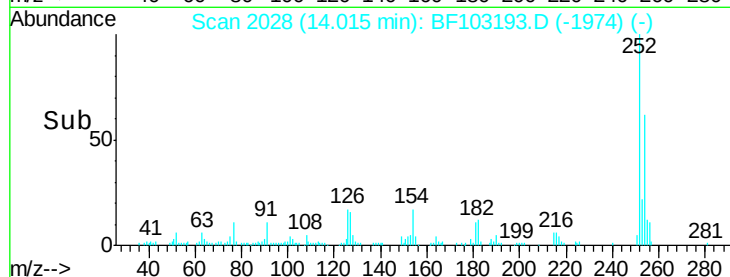
126 16.8 11.3 16.9



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: 7.906 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

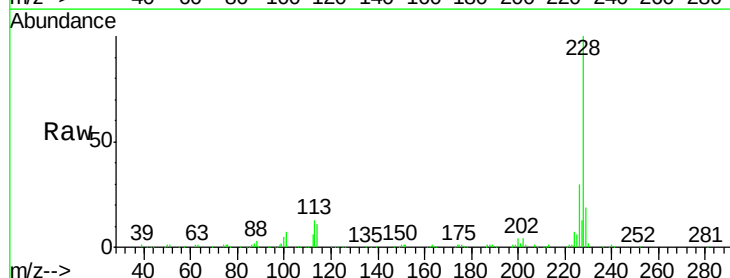
Tgt Ion:228 Resp: 225718

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

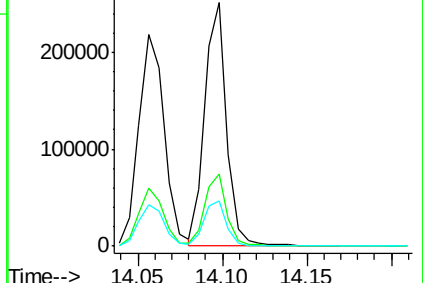
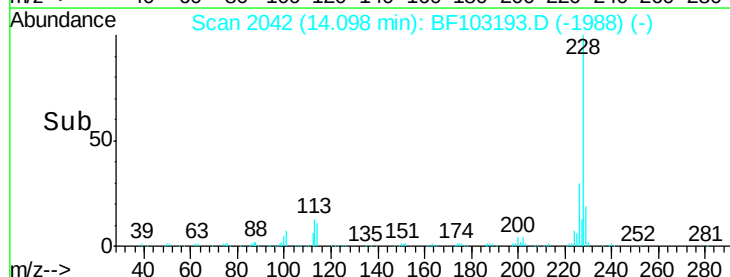
229 18.7 16.2 24.4

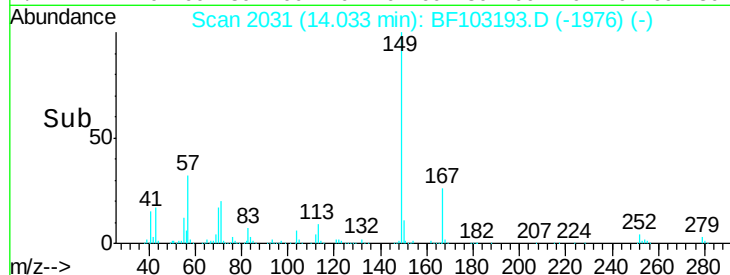
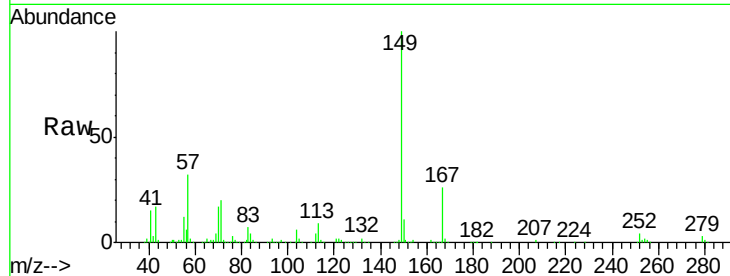
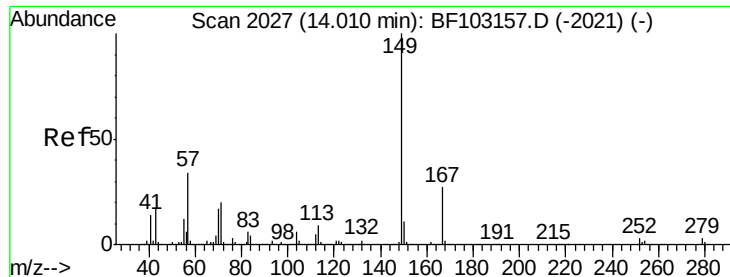


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

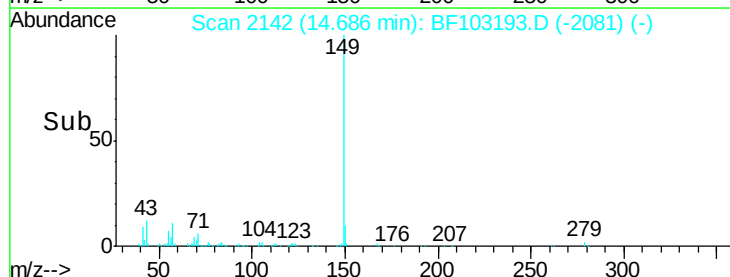
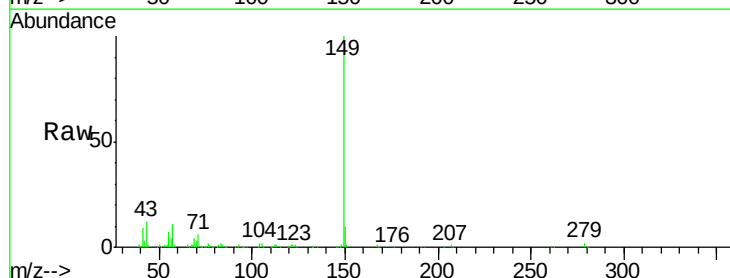
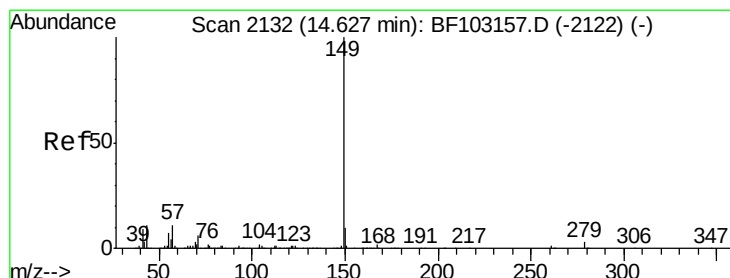
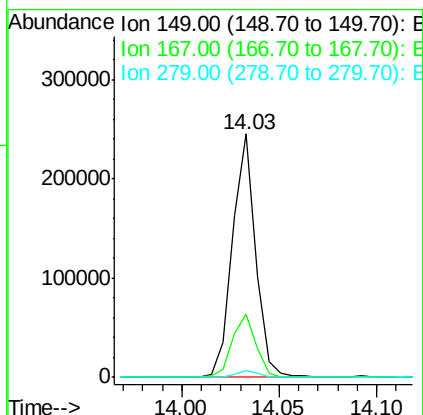




#83
Bis(2-ethylhexyl)phthalate
Concen: 8.049 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

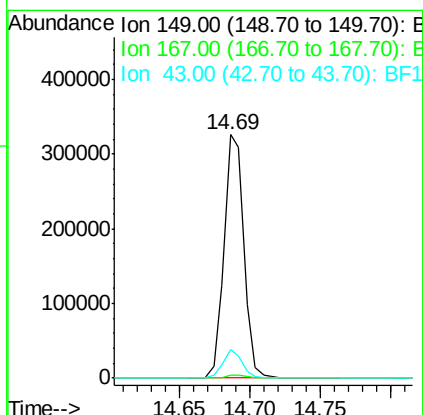
Instrument :
BNA_F
ClientSampleId :

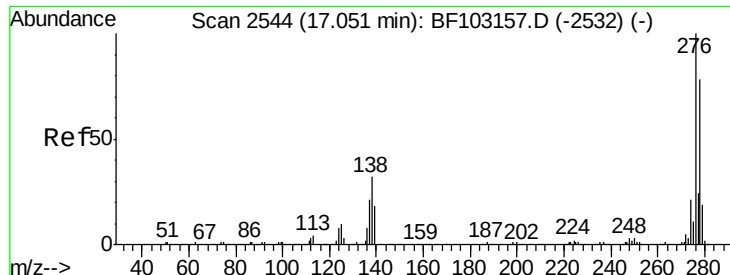
Tot Ion:149 Resp: 202771
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 2.9 3.0 4.4#



#84
Di-n-octyl phthalate
Concen: 7.791 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.06 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:149 Resp: 317108
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.2 8.4 12.6

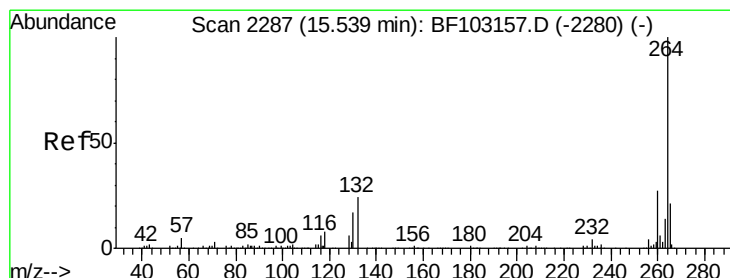
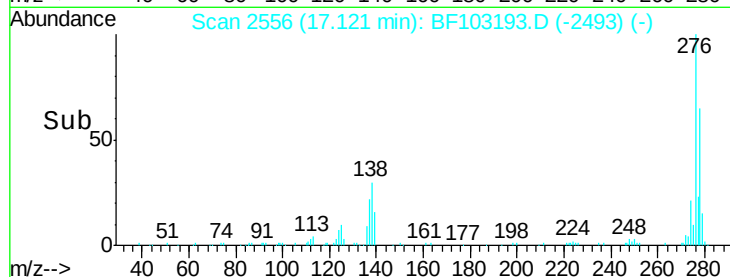
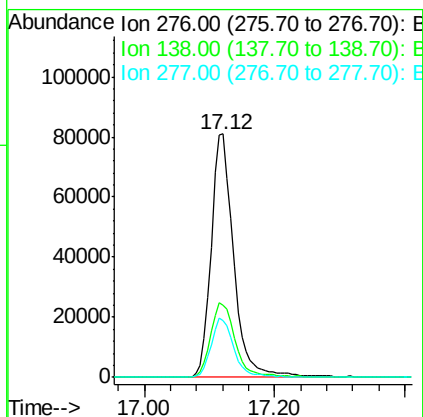
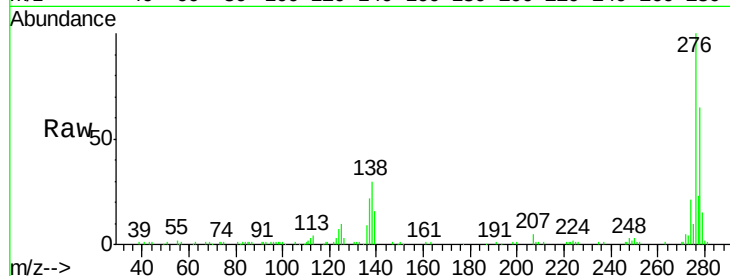




#85
Indeno(1,2,3-cd)pyrene
Concen: 8.606 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.07 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

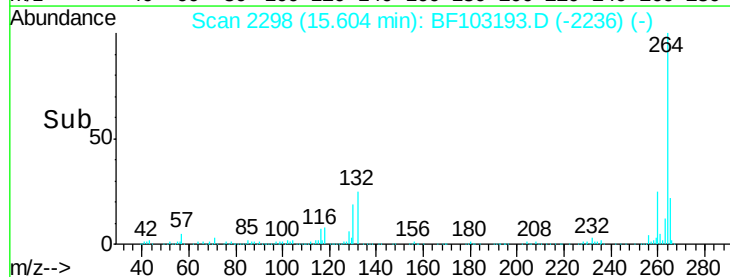
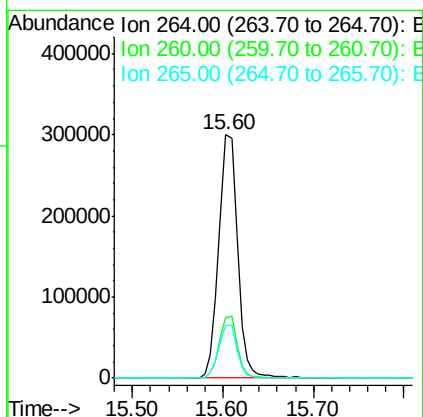
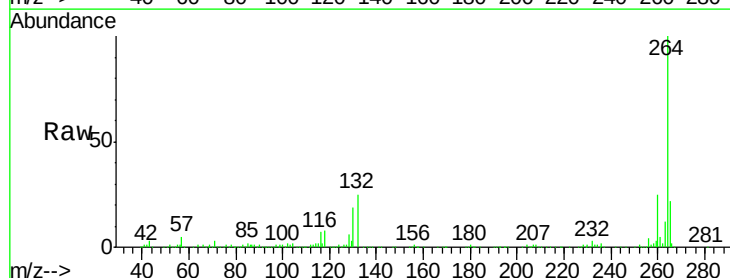
Instrument :
BNA_F
ClientSampleId :

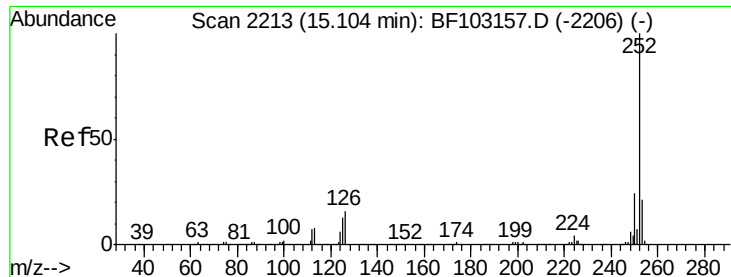
Tot Ion:276 Resp: 194508
Ion Ratio Lower Upper
276 100
138 33.5 25.0 37.6
277 24.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.06 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:264 Resp: 433284
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 22.0 17.5 26.3

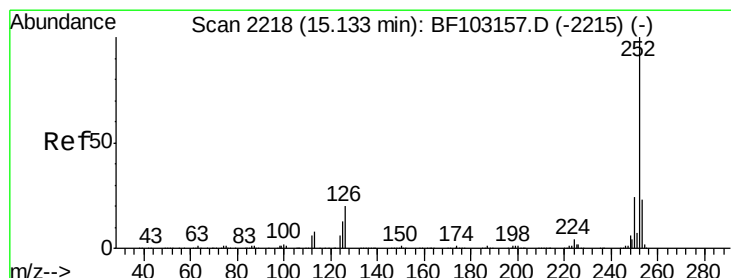
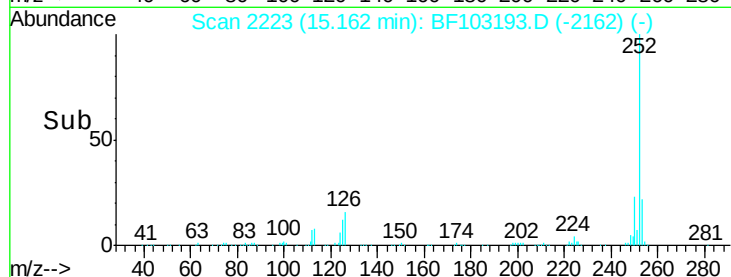
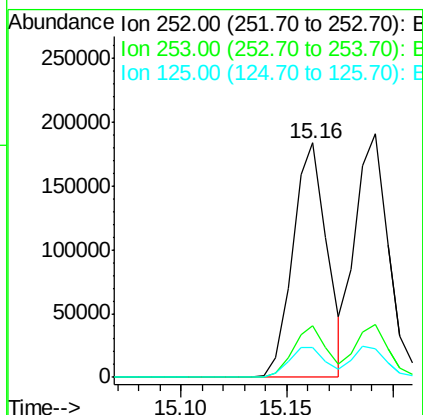
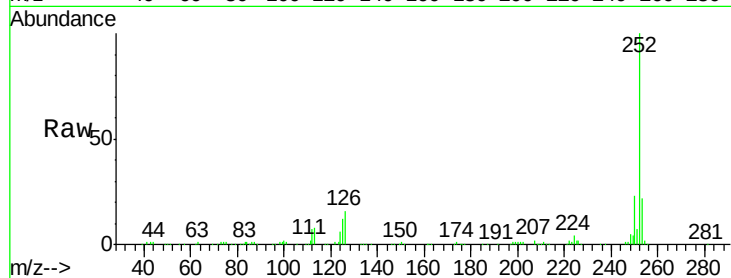




#87
Benzo(b)fluoranthene
Concen: 7.291 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.06 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

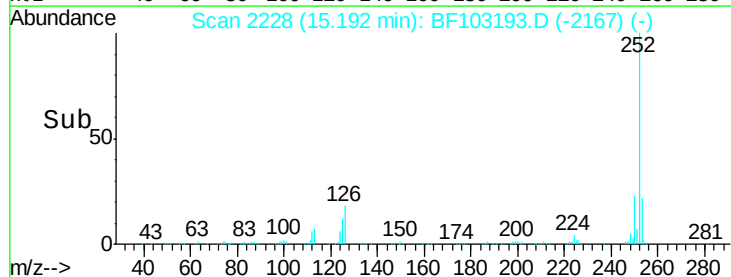
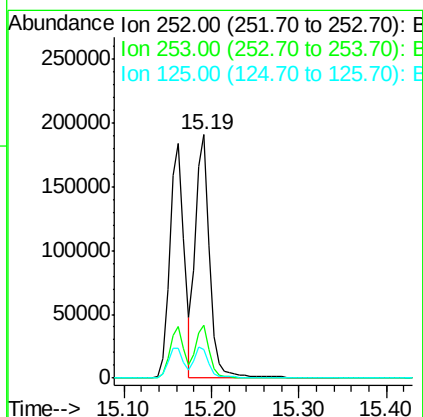
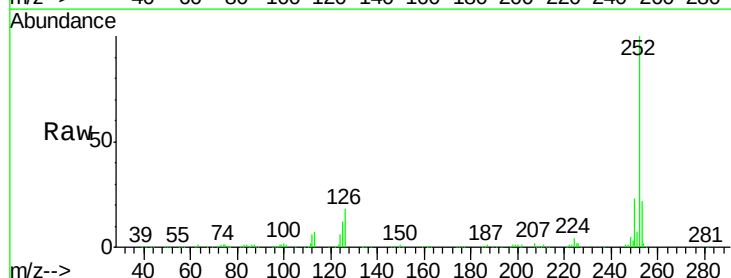
Instrument :
BNA_F
ClientSampleId :

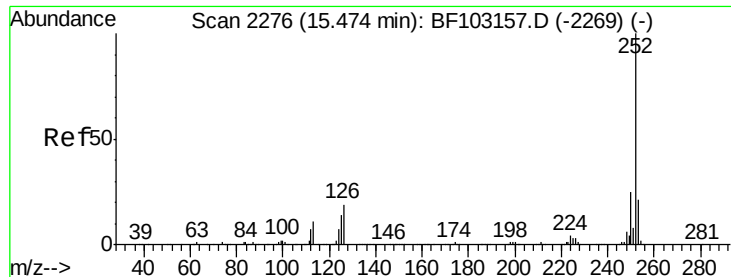
Tot Ion:252 Resp: 207705
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 8.142 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.06 min
Lab File: BF103193.D
Acq: 23 Feb 2018 12:25

Tgt Ion:252 Resp: 218407
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 7.702 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.06 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

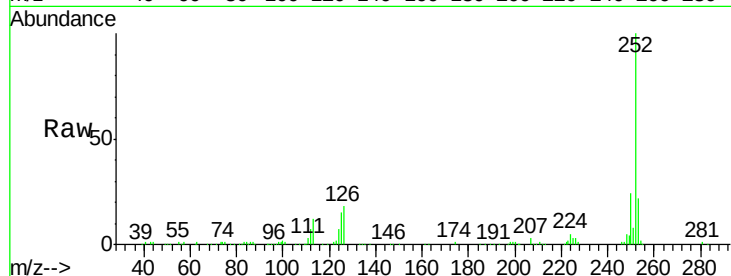
Tot Ion:252 Resp: 195945

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

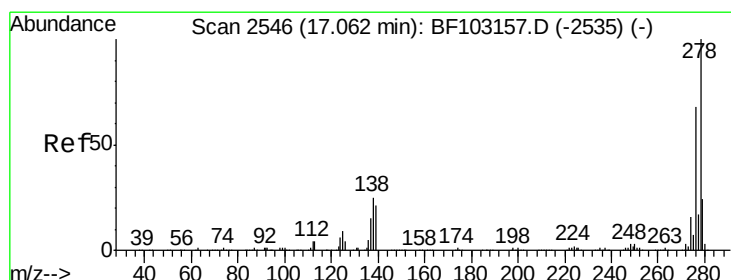
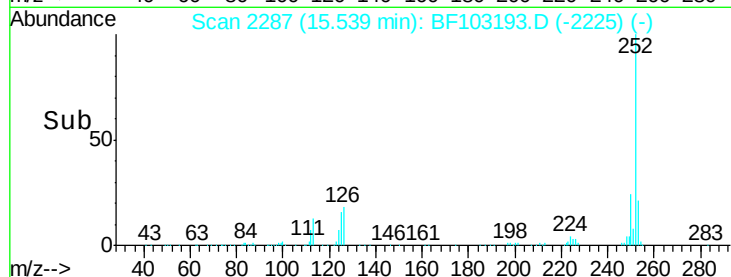
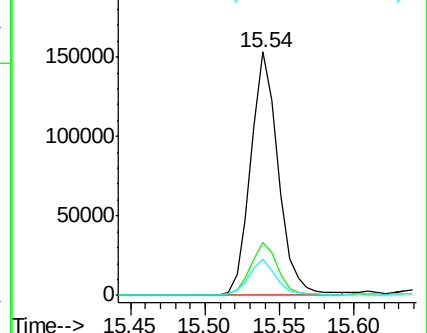
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 7.987 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.07 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

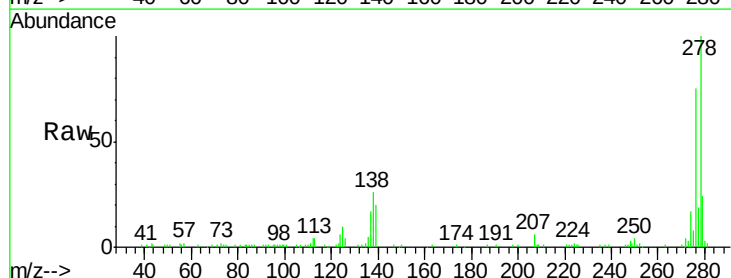
Tgt Ion:278 Resp: 157016

Ion Ratio Lower Upper

278 100

139 19.9 15.9 23.9

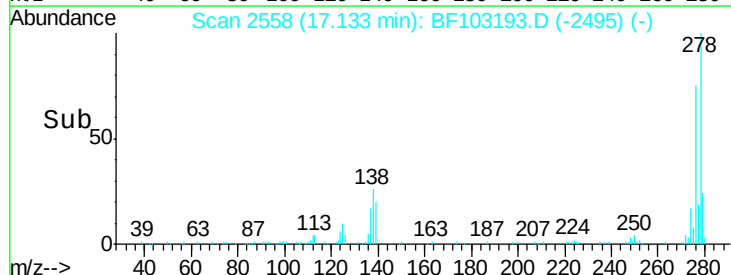
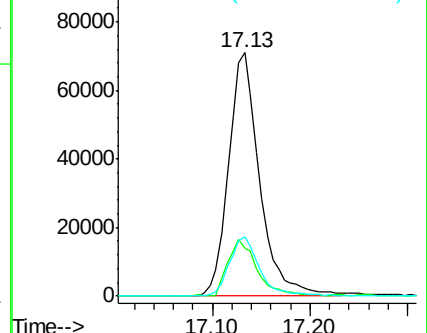
279 24.4 19.0 28.4

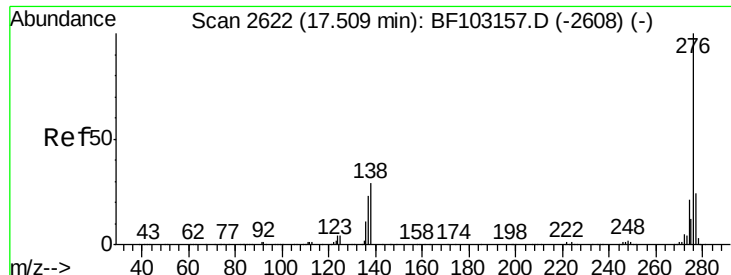


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 8.395 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.07 min

Lab File: BF103193.D

Acq: 23 Feb 2018 12:25

Instrument :

BNA_F

ClientSampleId :

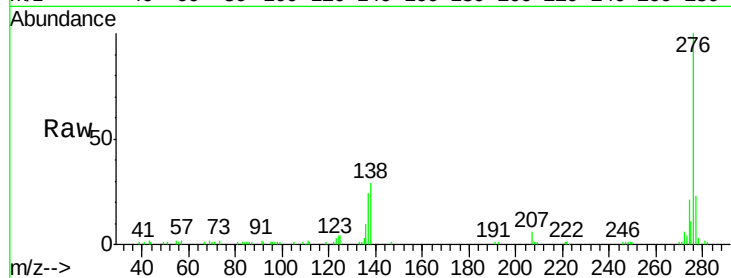
Tot Ion:276 Resp: 161284

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.9 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

