

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103509.D
 Acq On : 7 Mar 2018 18:53
 Operator : SJ/JU
 Sample : J1808-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 03:46:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	95926	20.00	ng	0.02
21) Naphthalene-d8	8.17	136	213775	20.00	ng	0.02
38) Acenaphthene-d10	9.91	164	218199	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	313150	20.00	ng	0.00
75) Chrysene-d12	14.06	240	193585	20.00	ng	0.00
86) Perylene-d12	15.56	264	159271	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	956297	150.78	ng	0.02
7) Phenol-d6	6.52	99	1132269	145.89	ng	0.02
23) Nitrobenzene-d5	7.47	82	426296	113.88	ng	0.03
41) 2,4,6-Tribromophenol	10.70	330	201890	109.31	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1113064	88.79	ng	0.00
78) Terphenyl-d14	12.99	244	782532	97.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	160899	48.031	ng	93
3) Pyridine	3.49	79	312855	34.983	ng	97
4) n-Nitrosodimethylamine	3.43	42	258320	71.620	ng	# 77
6) Aniline	6.55	93	327039	29.198	ng	# 62
8) 2-Chlorophenol	6.67	128	287531	43.639	ng	94
9) Benzaldehyde	6.44	77	148709	29.152	ng	# 1
10) Phenol	6.54	94	384564	42.683	ng	# 58
11) bis(2-Chloroethyl)ether	6.63	93	291849	42.680	ng	# 86
12) 1,3-Dichlorobenzene	6.90	146	301416	40.031	ng	96
13) 1,4-Dichlorobenzene	6.90	146	305003	40.403	ng	# 89
14) 1,2-Dichlorobenzene	7.06	146	190201	27.325	ng	# 90
15) Benzyl Alcohol	7.03	79	219249	37.489	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	351610	29.943	ng	52
17) 2-Methylphenol	7.15	107	205609	34.339	ng	# 64
18) Hexachloroethane	7.42	117	1157538	421.209	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	266807	55.237	ng	# 89
20) 3+4-Methylphenols	7.30	107	342359	46.905	ng	# 63
22) Acetophenone	7.27	105	2062501	413.338	ng	# 60
24) Nitrobenzene	7.48	77	366372	88.895	ng	97
25) Isophorone	7.70	82	655912	88.967	ng	# 88
26) 2-Nitrophenol	7.80	139	111141	57.283	ng	# 17
27) 2,4-Dimethylphenol	7.83	122	149481	50.404	ng	93
28) bis(2-Chloroethoxy)methane	7.91	93	163030	37.611	ng	94
29) 2,4-Dichlorophenol	8.04	162	248645	87.571	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	206583	68.323	ng	# 93
31) Naphthalene	8.20	128	2984470	285.158	ng	96
32) Benzoic acid	7.95	122	25488	16.830	ng	# 1
33) 4-Chloroaniline	8.25	127	263097	58.255	ng	# 92
34) Hexachlorobutadiene	8.29	225	117739	74.778	ng	98
35) Caprolactam	8.60	113	77662	77.825	ng	# 13
36) 4-Chloro-3-methylphenol	8.72	107	287038	89.628	ng	99
37) 2-Methylnaphthalene	8.88	142	2457285	363.290	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233115	39.080	ng	99
40) Hexachlorocyclopentadiene	8.85	237	669	9.165	ng	83

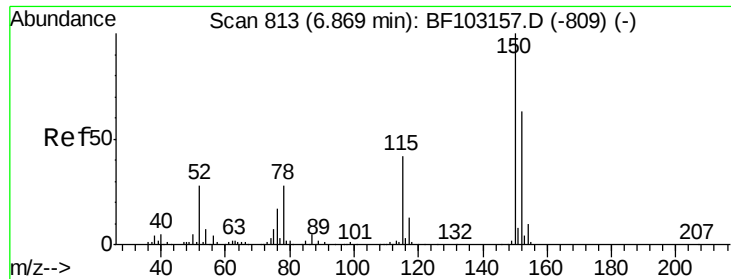
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	165567	41.250	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	173034	37.482	nq	# 92
45) 1,1'-Biphenyl	9.33	154	750251	41.033	nq	98
46) 2-Chloronaphthalene	9.36	162	552908	38.224	nq	99
47) 2-Nitroaniline	9.46	65	245695	45.854	nq	86
48) Acenaphthylene	9.77	152	808474	36.326	nq	99
49) Dimethylphthalate	9.62	163	746766	42.662	nq	100
50) 2,6-Dinitrotoluene	9.70	165	126702	34.492	nq	# 81
51) Acenaphthene	9.94	154	484618	37.342	nq	98
52) 3-Nitroaniline	9.87	138	155676	33.404	nq	97
53) 2,4-Dinitrophenol	10.02	184	1048	10.316	nq	# 1
54) Dibenzofuran	10.12	168	680147	38.178	nq	96
55) 4-Nitrophenol	10.06	139	162598	56.293	nq	91
56) 2,4-Dinitrotoluene	10.11	165	147209	31.687	nq	# 71
57) Fluorene	10.46	166	555239	36.586	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	115624	37.284	nq	94
59) Diethylphthalate	10.32	149	632404	37.775	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	249717	38.802	nq	98
61) 4-Nitroaniline	10.49	138	165870	35.633	nq	97
62) Azobenzene	10.60	77	645054	37.853	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	4344	6.990	nq	# 6
65) n-Nitrosodiphenylamine	10.57	169	506279	46.433	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	138714	42.523	nq	98
67) Hexachlorobenzene	11.01	284	137964	38.966	nq	99
68) Atrazine	11.09	200	112159	34.224	nq	97
69) Pentachlorophenol	11.21	266	97605	57.013	nq	99
70) Phenanthrene	11.43	178	753723	43.736	nq	99
71) Anthracene	11.48	178	731666	41.403	nq	99
72) Carbazole	11.64	167	663936	37.727	nq	99
73) Di-n-butylphthalate	11.94	149	919392	41.751	nq	99
74) Fluoranthene	12.62	202	865571	49.981	nq	98
76) Benzidine	12.74	184	260832	36.040	nq	97
77) Pyrene	12.86	202	899162	59.574	nq	100
79) Butylbenzylphthalate	13.45	149	344330	43.180	nq	94
80) Benzo(a)anthracene	14.05	228	705276	56.150	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	162563	36.265	nq	100
82) Chrysene	14.09	228	648755	53.194	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	448381	41.667	nq	# 99
84) Di-n-octyl phthalate	14.63	149	791582	45.529	nq	97
85) Indeno(1,2,3-cd)pyrene	17.11	276	447498	46.348	nq	98
87) Benzo(b)fluoranthene	15.12	252	671036	64.080	nq	97
88) Benzo(k)fluoranthene	15.15	252	444759	45.103	nq	99
89) Benzo(a)pyrene	15.50	252	539339	57.674	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	311249	43.074	nq	99
91) Benzo(g,h,i)perylene	17.57	276	399020	56.500	nq	97

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

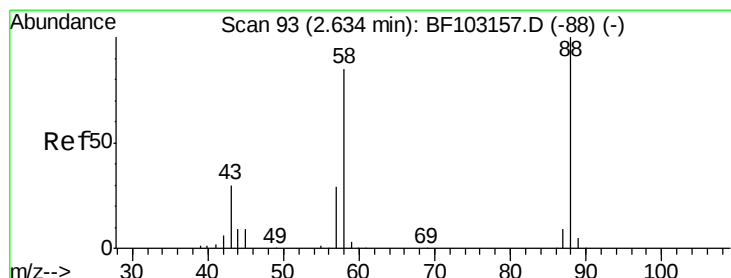
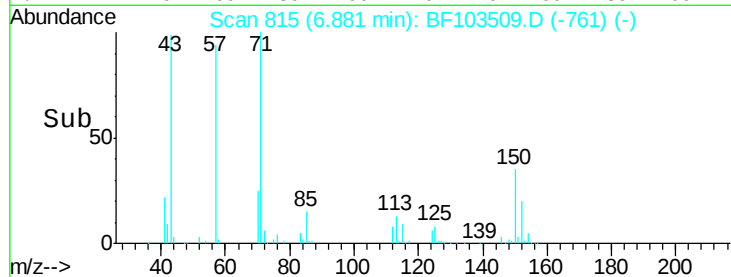
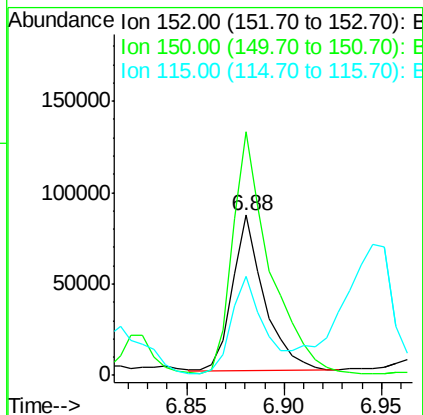
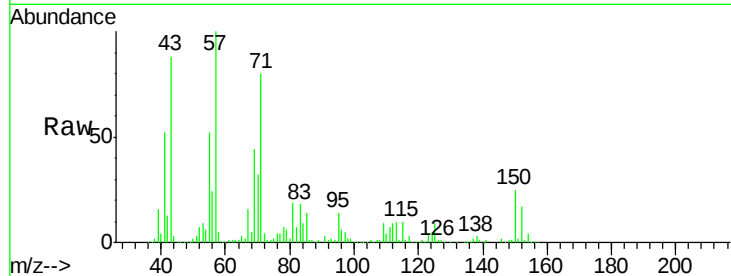


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Instrument :
BNA_F
ClientSampleId :

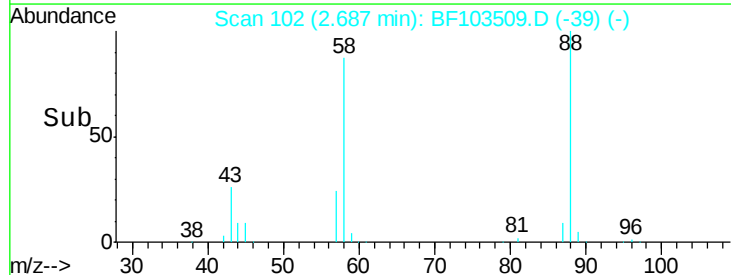
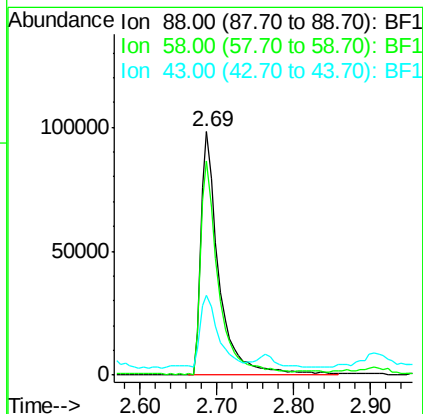
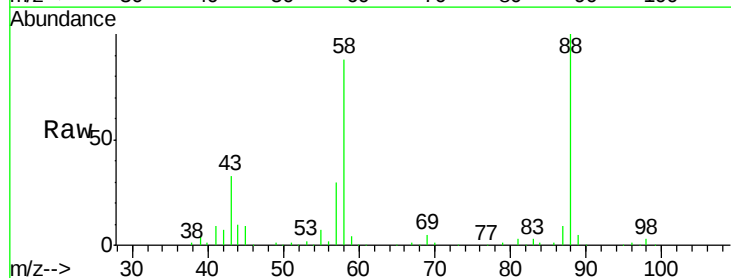
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	62.0	50.1	75.1



#2

1,4-Dioxane
Concen: 48.031 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.07 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	62.6	93.8
43	31.4	24.6	37.0





#3

Pvridine

Concen: 34.983 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

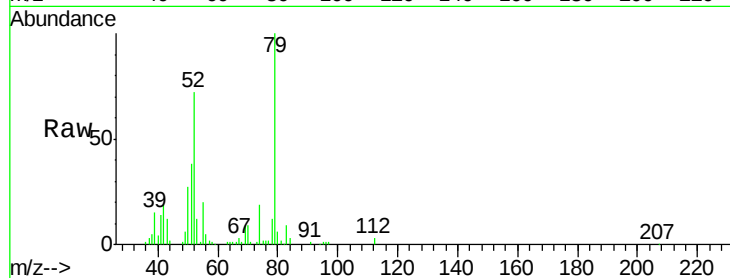
Tot Ion: 79 Resp: 312855

Ion Ratio Lower Upper

79 100

52 71.8 59.8 89.6

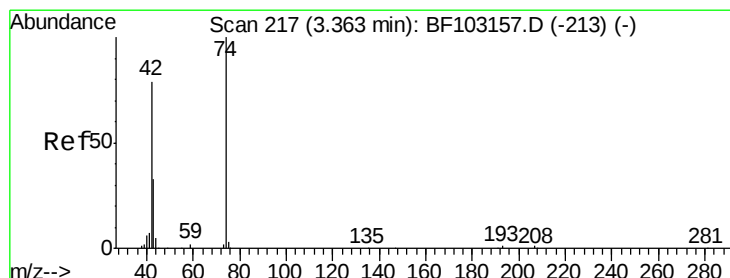
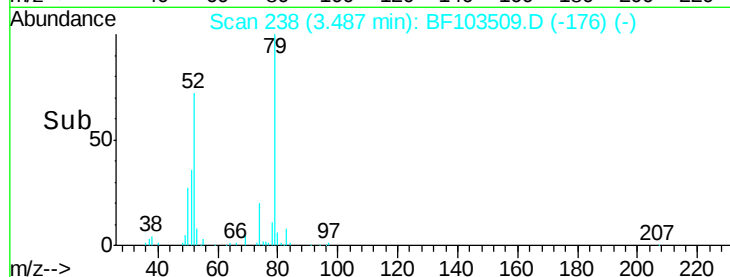
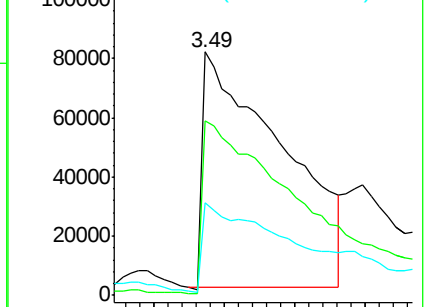
51 37.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 71.620 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.06 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

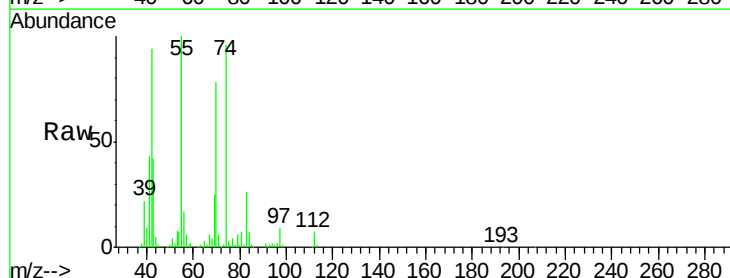
Tgt Ion: 42 Resp: 258320

Ion Ratio Lower Upper

42 100

74 102.5 104.9 157.3#

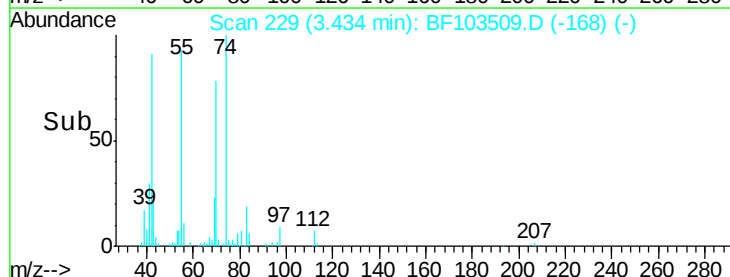
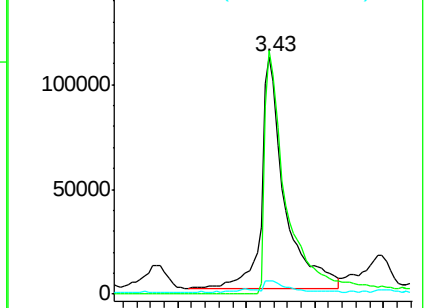
44 5.6 6.9 10.3#

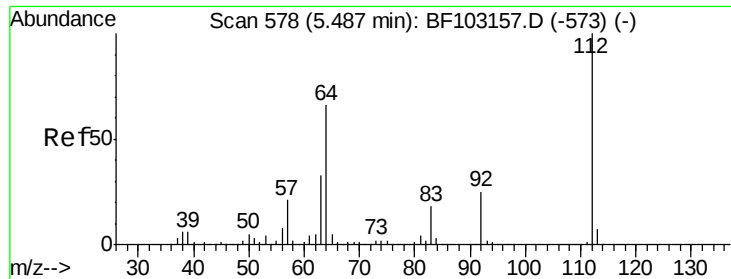


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 150.776 ng

RT: 5.50 min Scan# 581

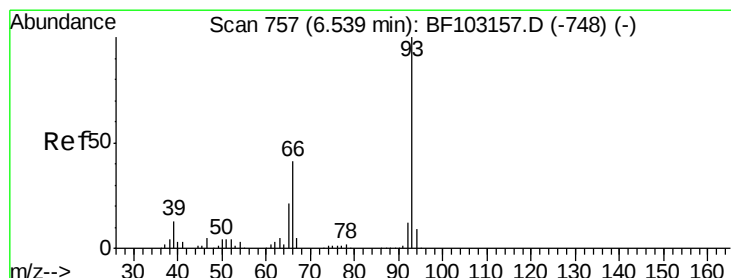
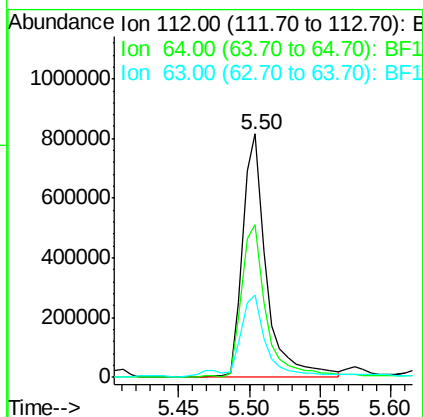
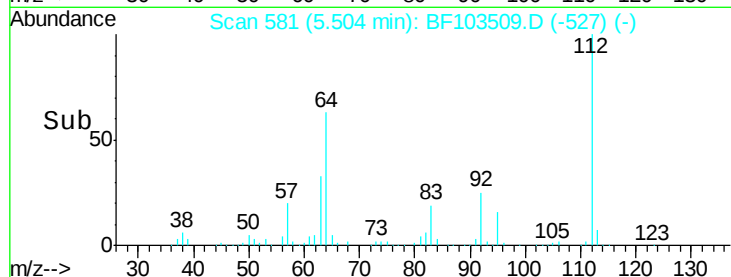
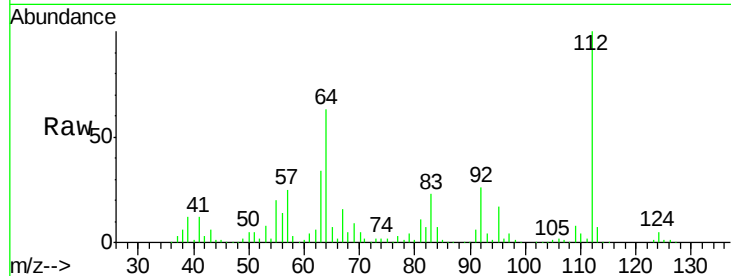
Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	956297
Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	34.0	23.7	35.5



#6

Aniline

Concen: 29.198 ng

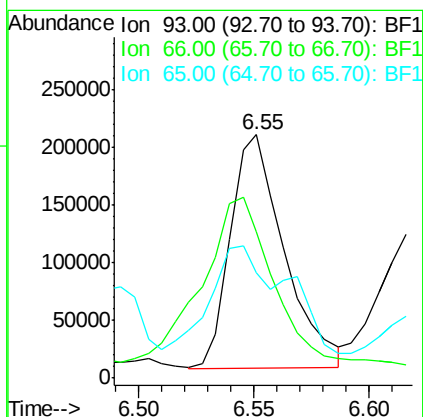
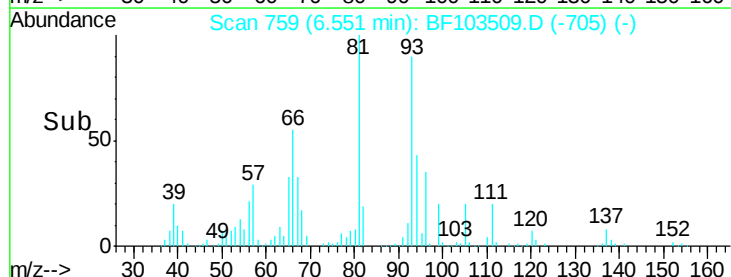
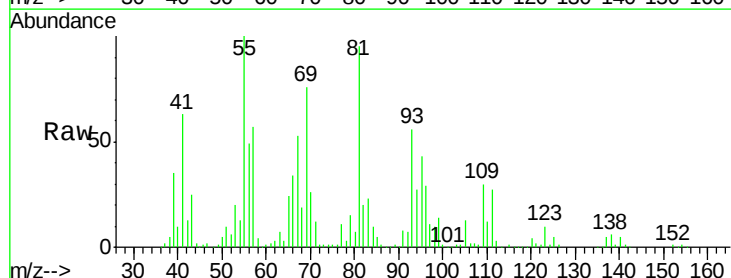
RT: 6.55 min Scan# 759

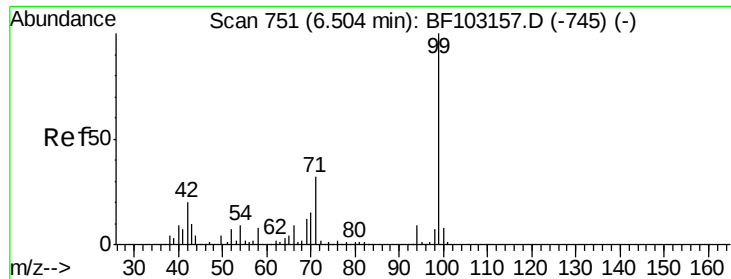
Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Tgt Ion:	93	Resp:	327039
Ion	Ratio	Lower	Upper
93	100		
66	60.3	32.2	48.2#
65	43.3	16.4	24.6#





#7

Phenol-d6

Concen: 145.892 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampled :

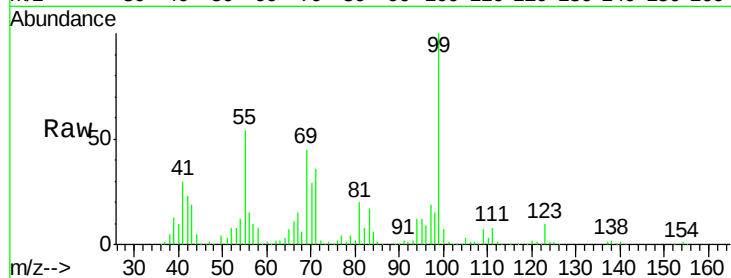
Tot Ion: 99 Resp: 1132269

Ion Ratio Lower Upper

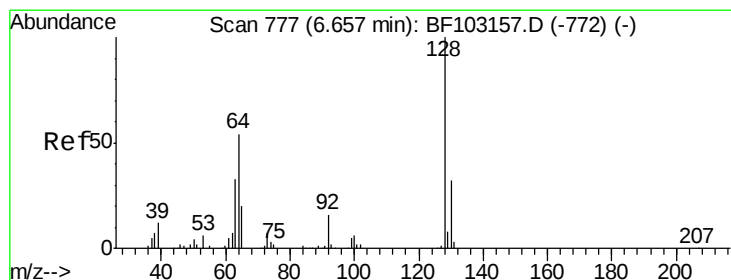
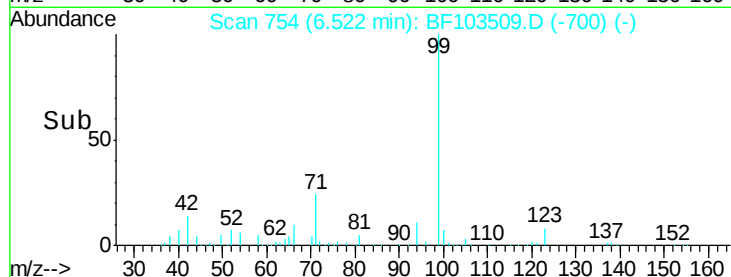
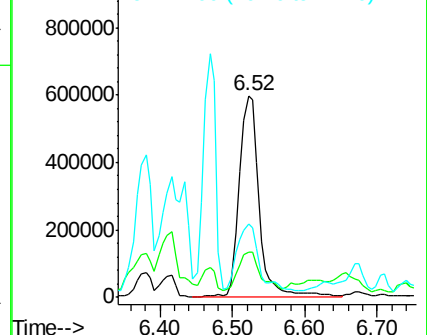
99 100

42 22.5 14.5 21.7#

71 36.4 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: 43.639 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

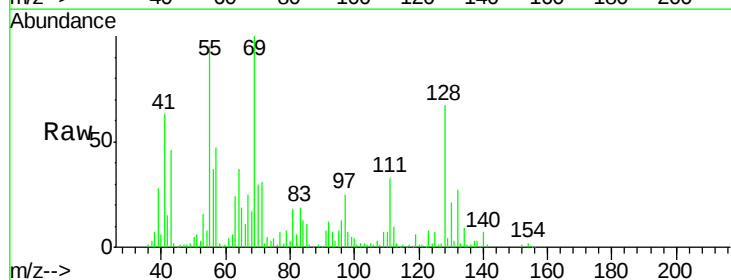
Tgt Ion:128 Resp: 287531

Ion Ratio Lower Upper

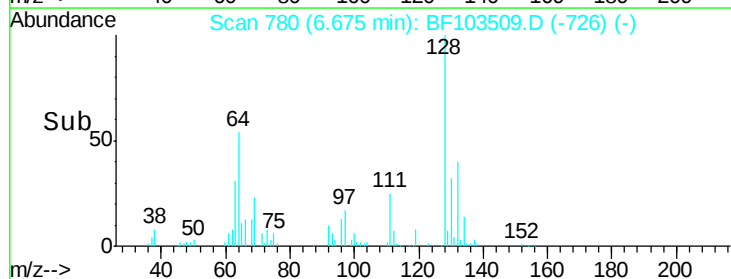
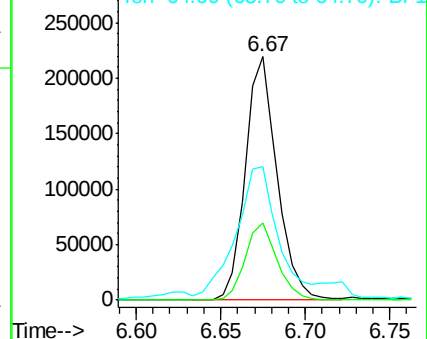
128 100

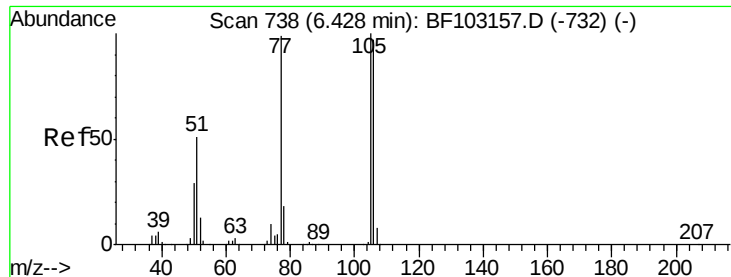
130 31.9 13.0 53.0

64 55.1 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: 29.152 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

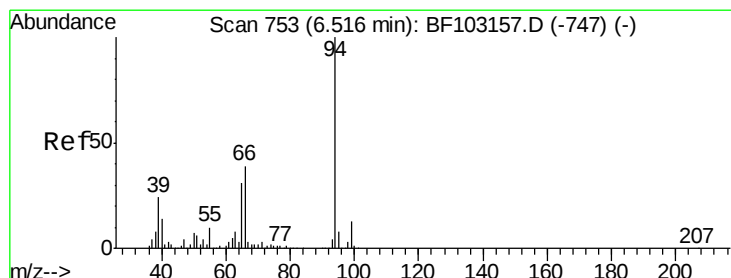
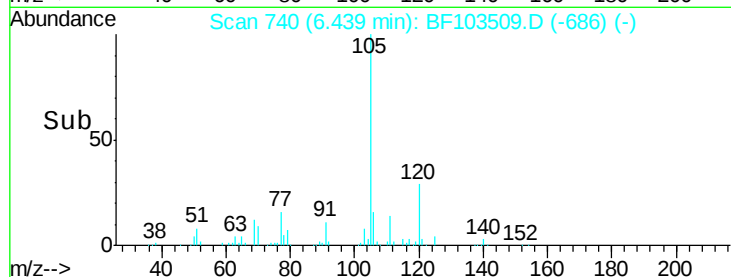
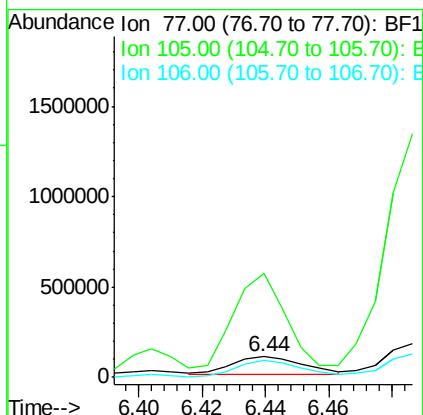
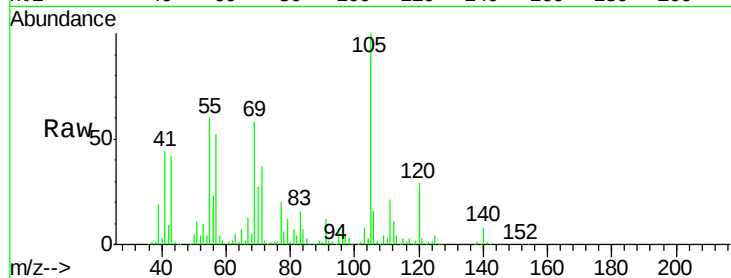
Tot Ion: 77 Resp: 148709

Ion Ratio Lower Upper

77 100

105 500.6 81.1 121.1#

106 79.6 74.5 114.5



#10

Phenol

Concen: 42.683 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

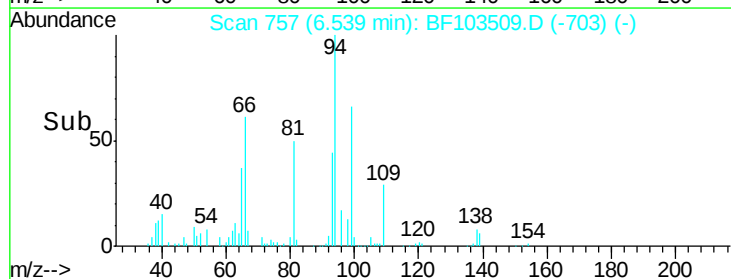
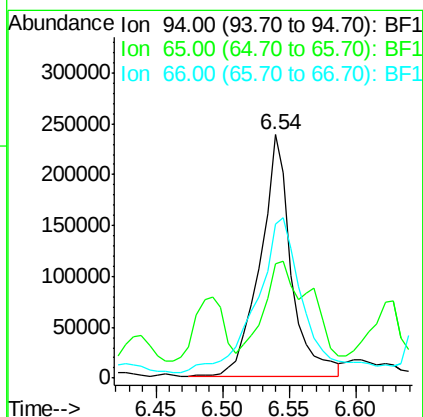
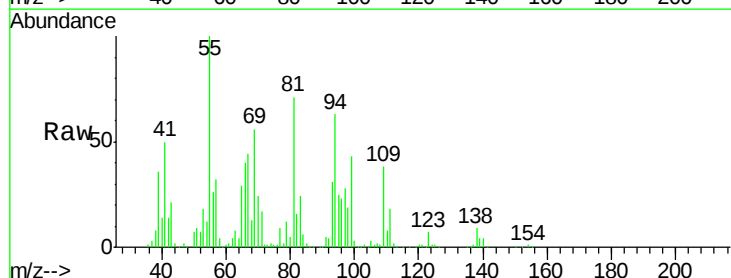
Tgt Ion: 94 Resp: 384564

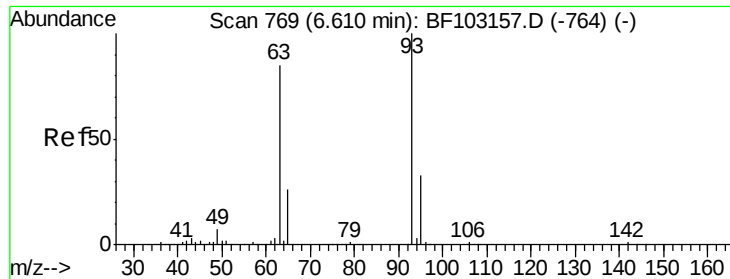
Ion Ratio Lower Upper

94 100

65 46.8 7.9 47.9

66 63.2 16.2 56.2#

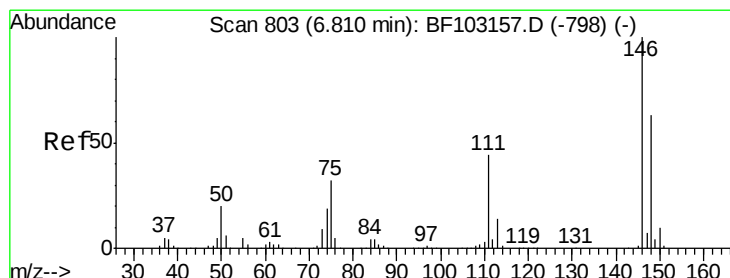
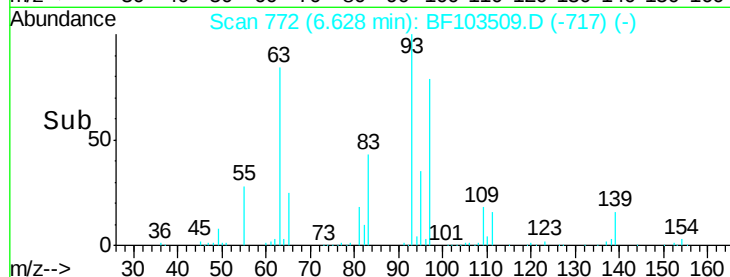
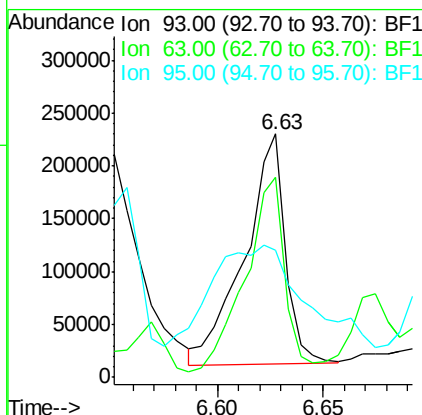
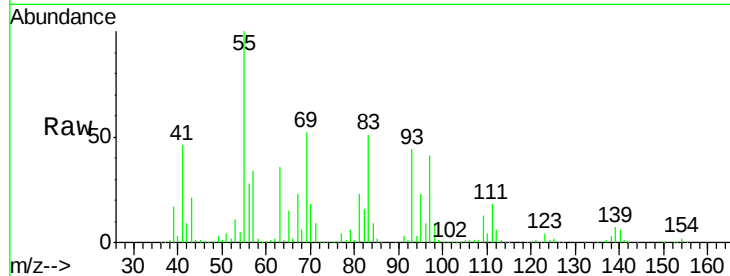




#11
bis(2-Chloroethyl)ether
Concen: 42.680 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.02 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

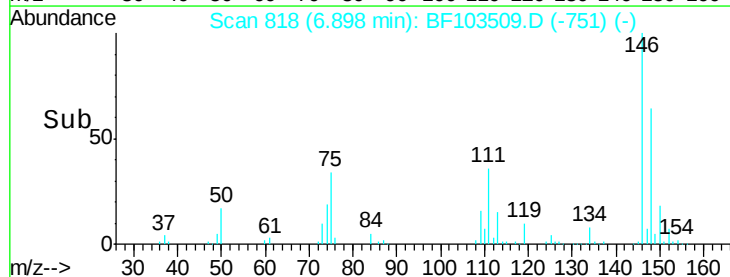
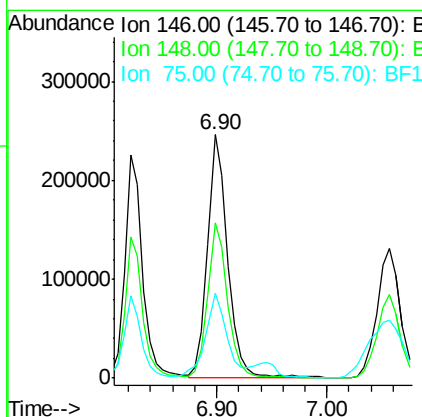
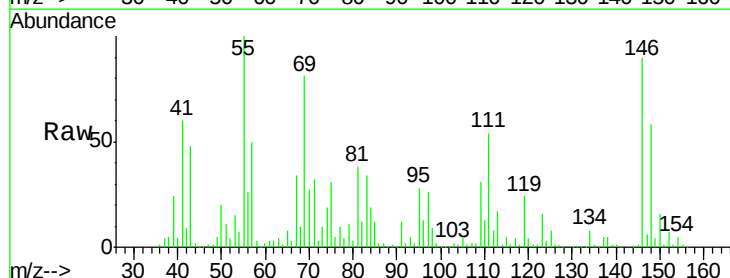
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 291849
Ion Ratio Lower Upper
93 100
63 82.2 58.6 98.6
95 52.4 11.8 51.8#



#12
1,3-Dichlorobenzene
Concen: 40.031 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.09 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion: 146 Resp: 301416
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 34.8 24.2 36.4

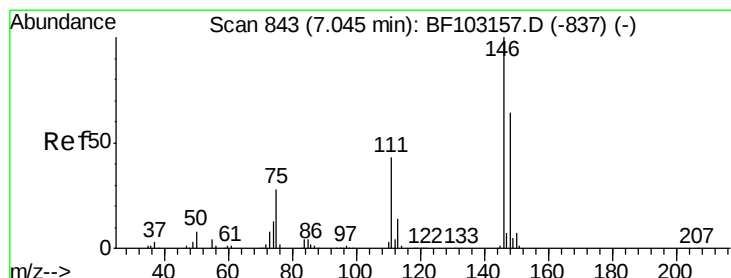
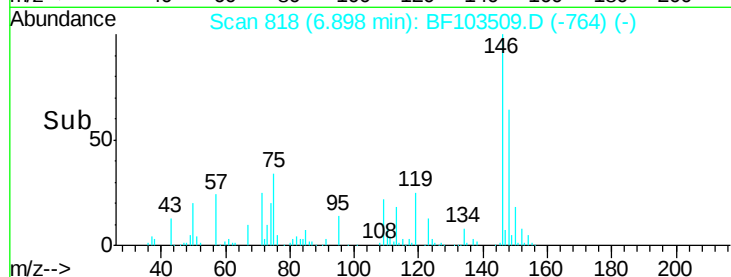
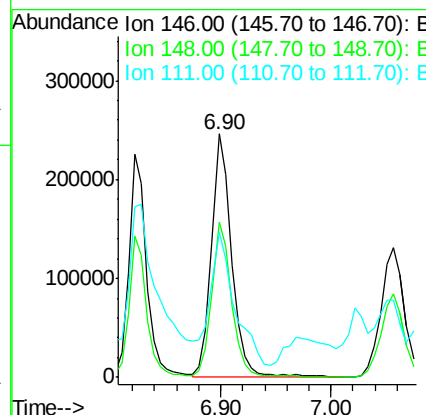
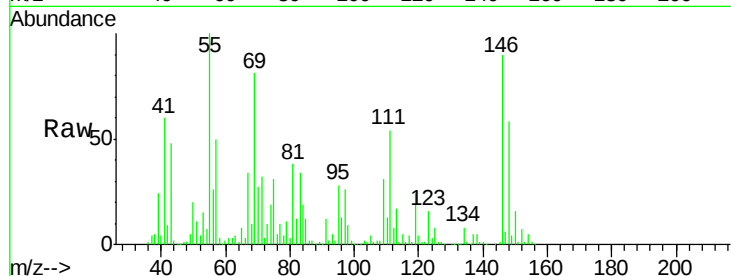




#13
 1,4-Dichlorobenzene
 Concen: 40.403 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.02 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

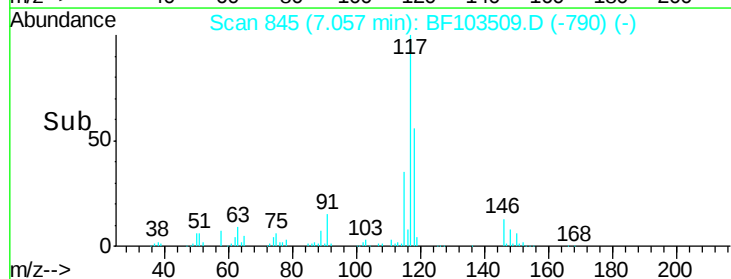
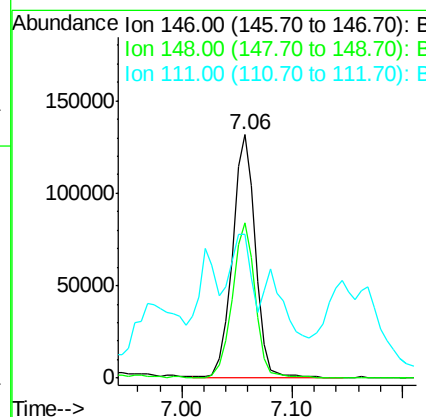
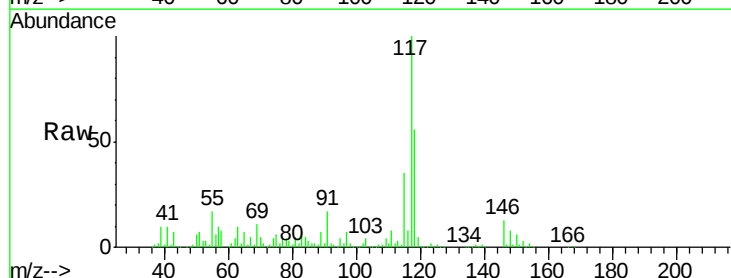
Instrument :
 BNA_F
 ClientSampleId :

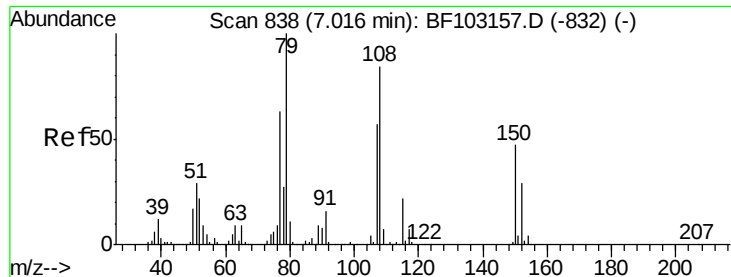
Tot Ion:146 Resp: 305003
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 59.4 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 27.325 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.02 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:146 Resp: 190201
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 59.1 36.0 54.0#





#15

Benzyl Alcohol

Concen: 37.489 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampled :

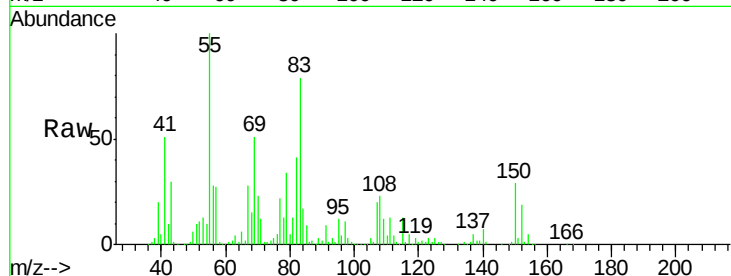
Tot Ion: 79 Resp: 219249

Ion Ratio Lower Upper

79 100

108 68.0 65.1 97.7

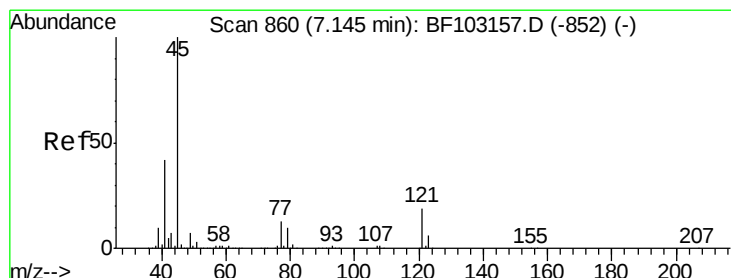
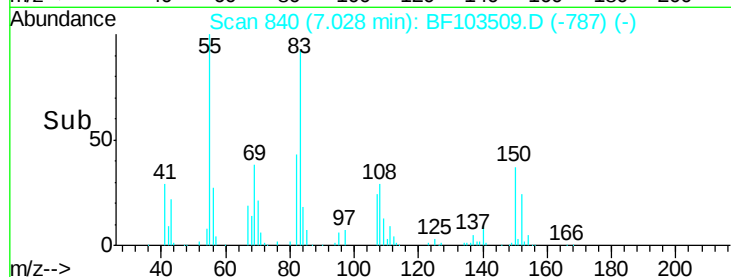
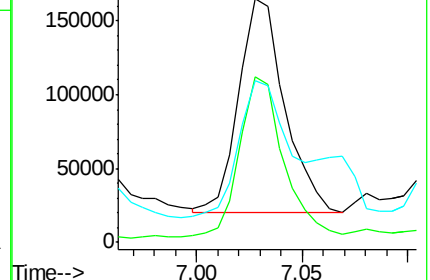
77 66.2 50.6 75.8



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: 29.943 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.04 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

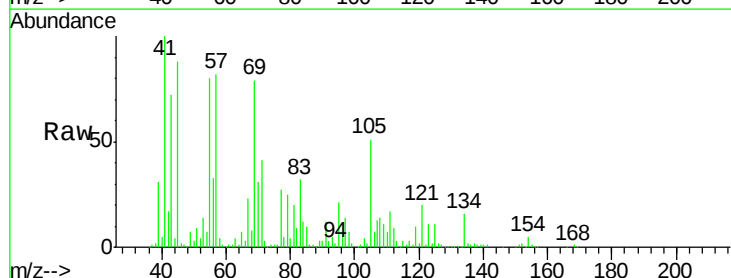
Tgt Ion: 45 Resp: 351610

Ion Ratio Lower Upper

45 100

77 31.3 0.0 32.9

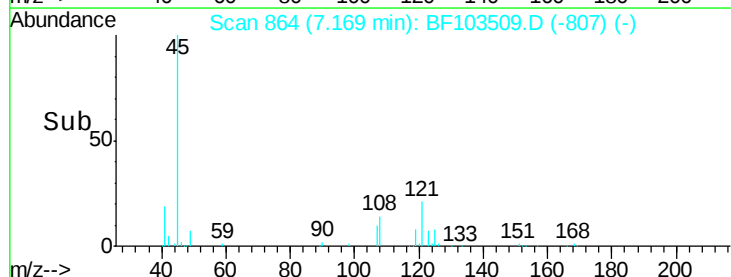
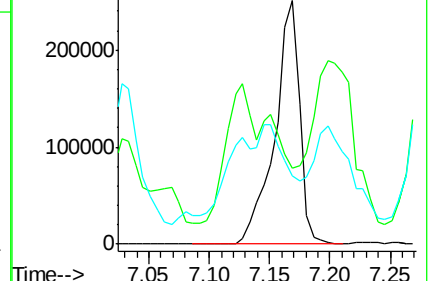
79 28.1 0.0 29.6

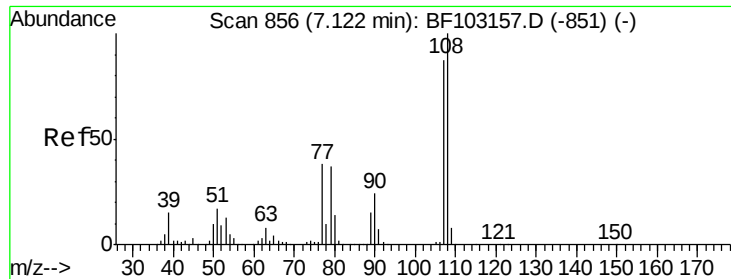


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

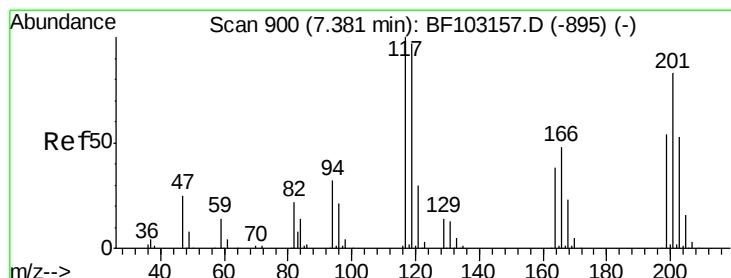
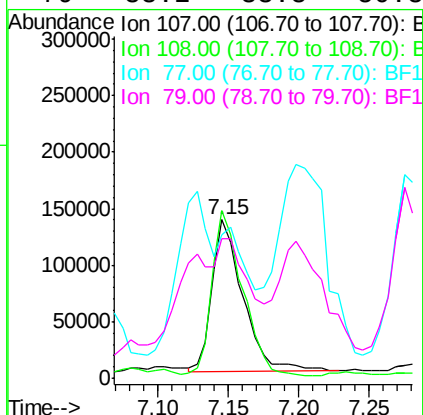
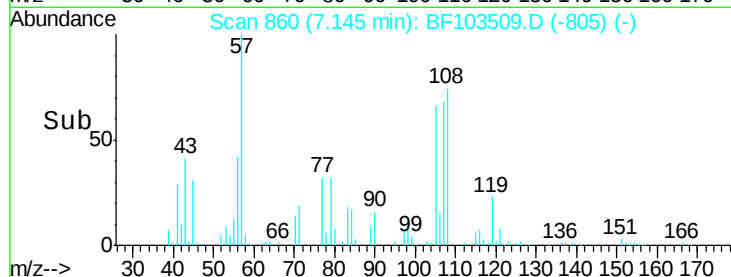
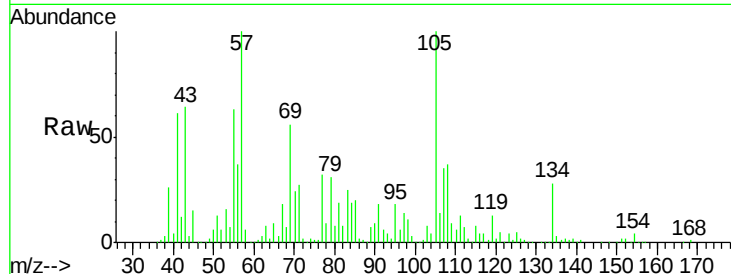




#17
2-Methylphenol
Concen: 34.339 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

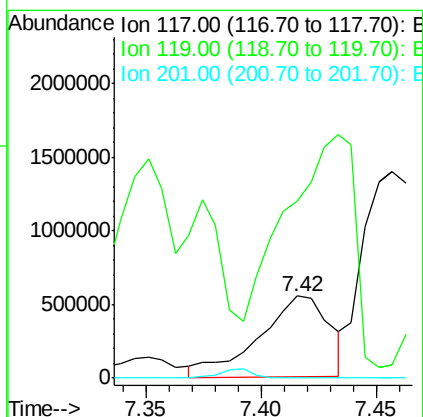
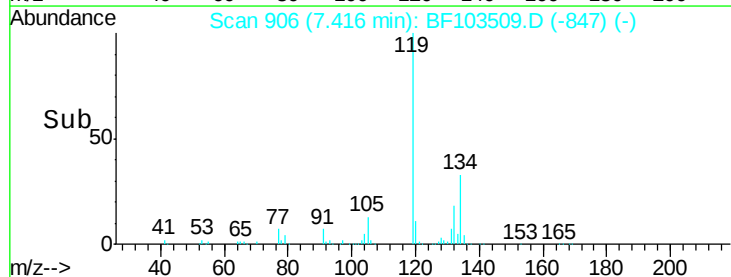
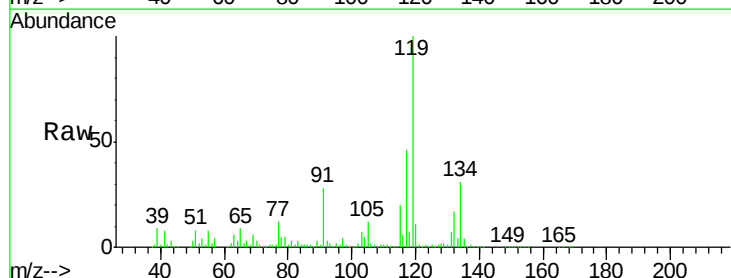
Instrument :
BNA_F
ClientSampled :

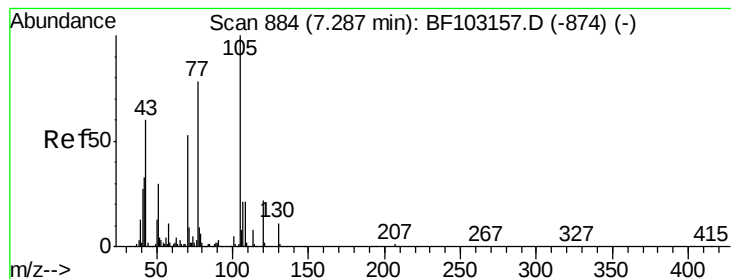
Tot Ion:107 Resp: 205609
Ion Ratio Lower Upper
107 100
108 105.9 91.7 137.5
77 90.8 33.8 50.8#
79 88.2 33.8 50.8#



#18
Hexachloroethane
Concen: 421.209 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.05 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:117 Resp: 1157538
Ion Ratio Lower Upper
117 100
119 216.0 75.8 113.8#
201 0.0 75.7 113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 55.237 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.03 min

Lab File: BF103509.D

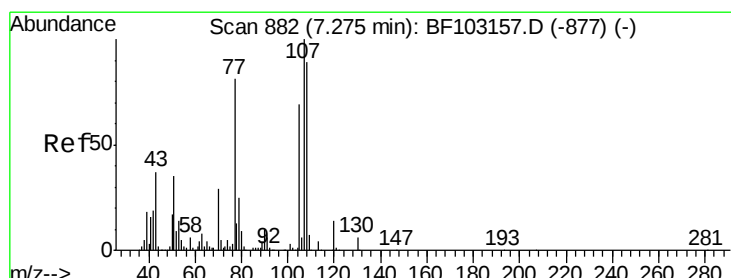
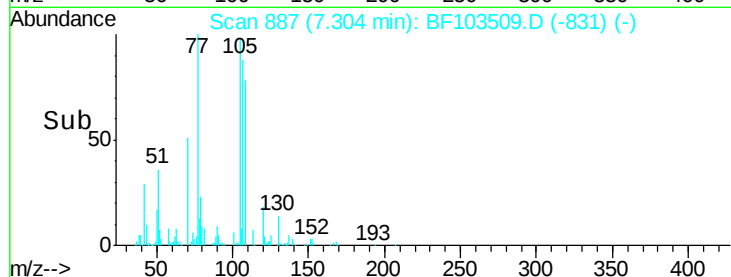
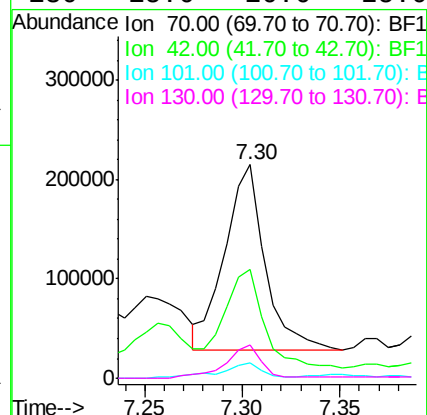
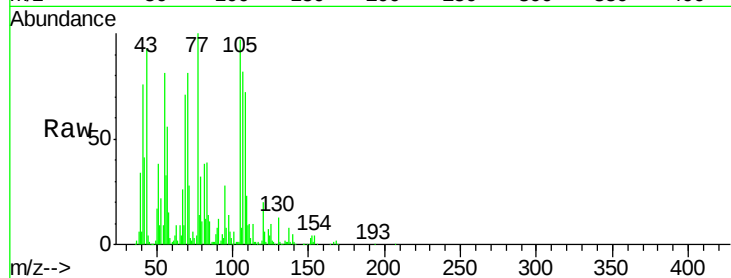
Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	266807
Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	7.2	7.4	11.2#
130	15.6	16.6	25.0#



#20

3+4-Methylphenols

Concen: 46.905 ng

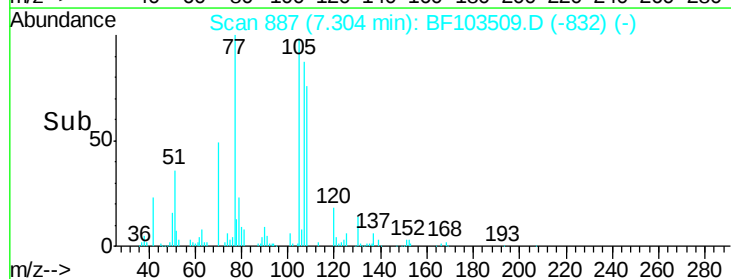
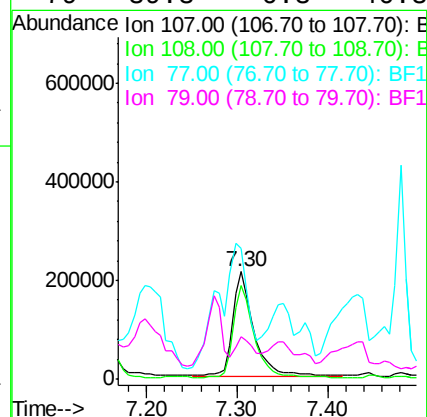
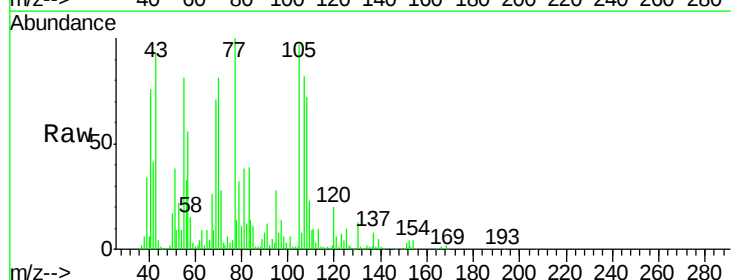
RT: 7.30 min Scan# 887

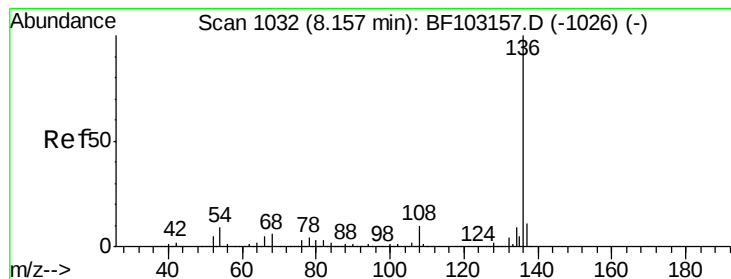
Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Tgt Ion:	107	Resp:	342359
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.2	108.2
77	121.5	26.7	66.7#
79	39.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 213775

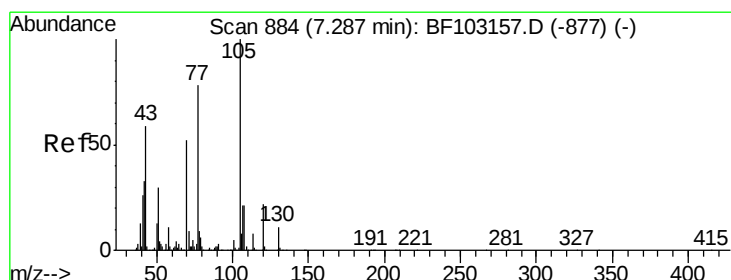
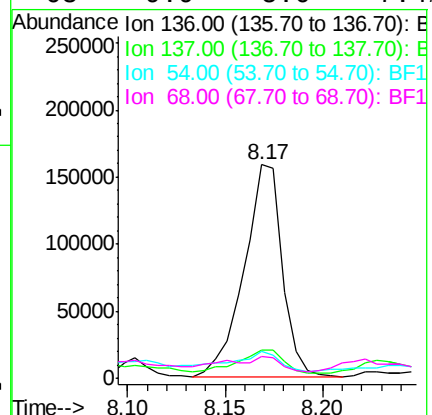
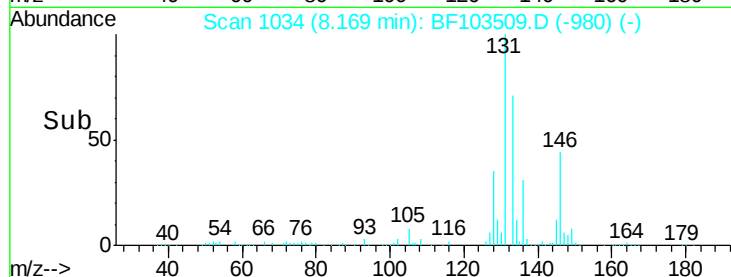
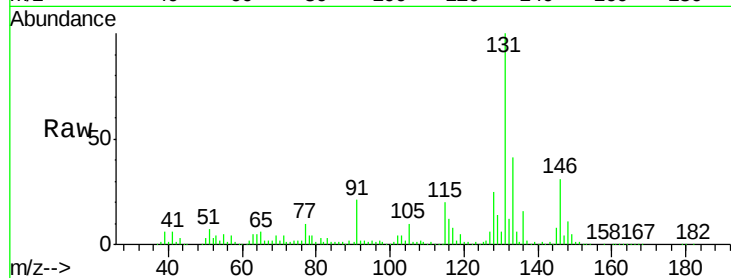
Ion Ratio Lower Upper

136 100

137 13.0 8.9 13.3

54 12.3 6.6 9.8#

68 9.9 5.0 7.4#



#22

Acetophenone

Concen: 413.338 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Tgt Ion:105 Resp: 2062501

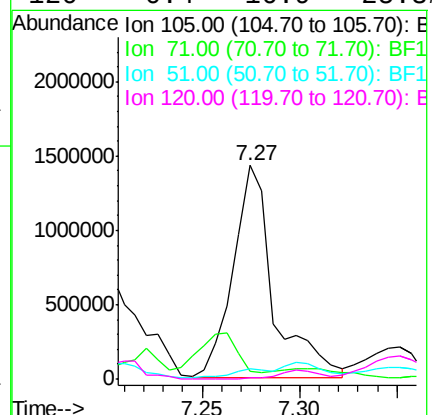
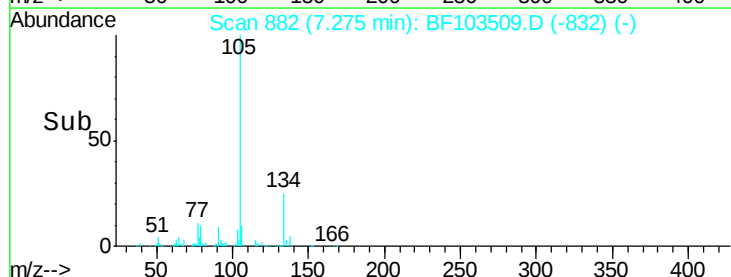
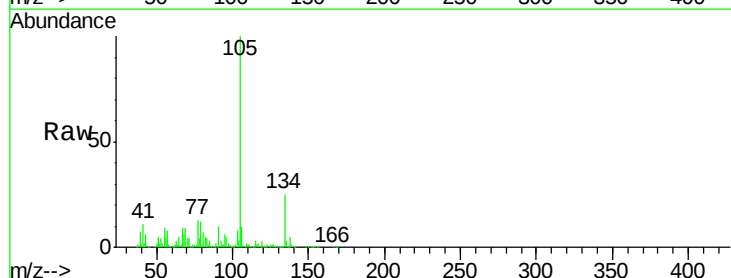
Ion Ratio Lower Upper

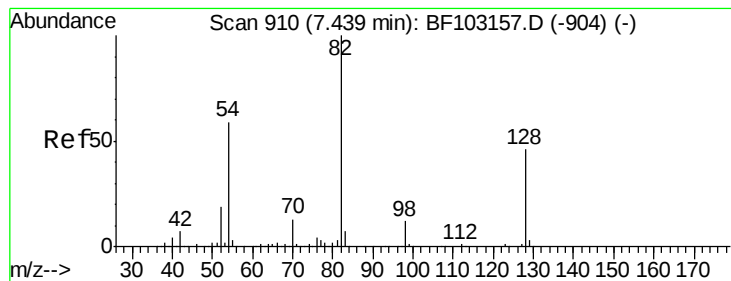
105 100

71 3.5 4.4 6.6#

51 4.7 22.3 33.5#

120 0.4 16.9 25.3#





#23

Nitrobenzene-d5

Concen: 113.882 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.03 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

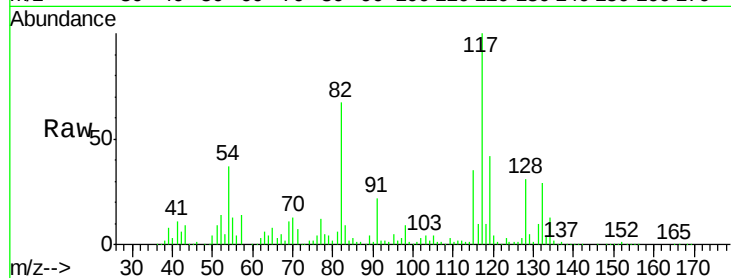
Tot Ion: 82 Resp: 426296

Ion Ratio Lower Upper

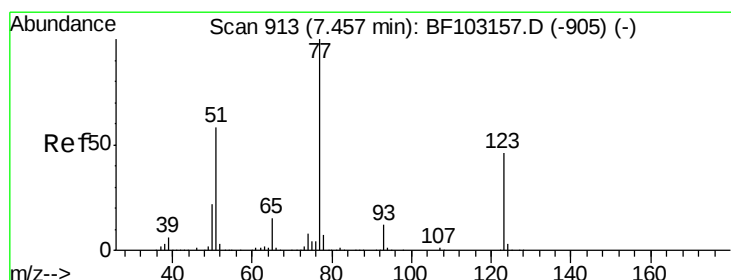
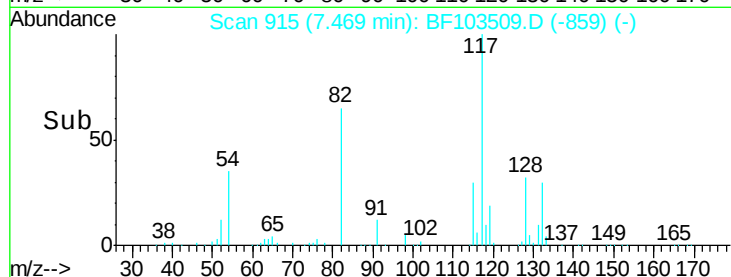
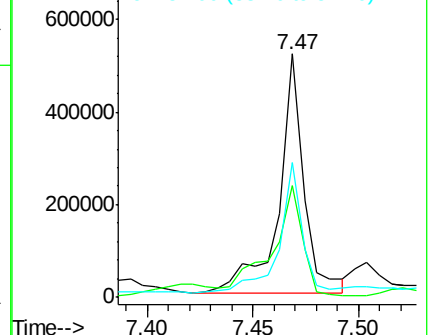
82 100

128 45.8 36.1 54.1

54 55.4 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: 88.895 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

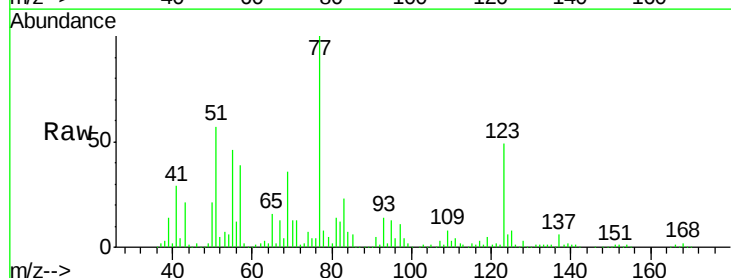
Tgt Ion: 77 Resp: 366372

Ion Ratio Lower Upper

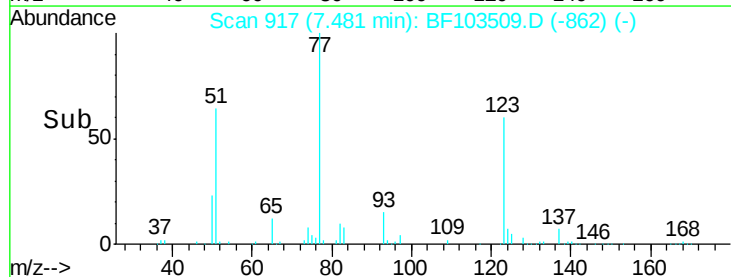
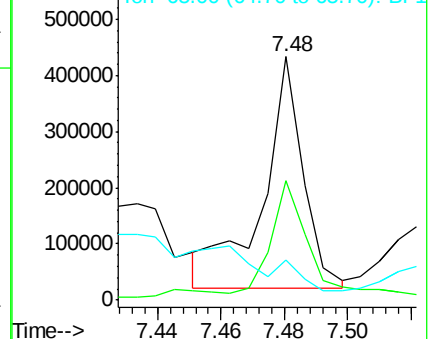
77 100

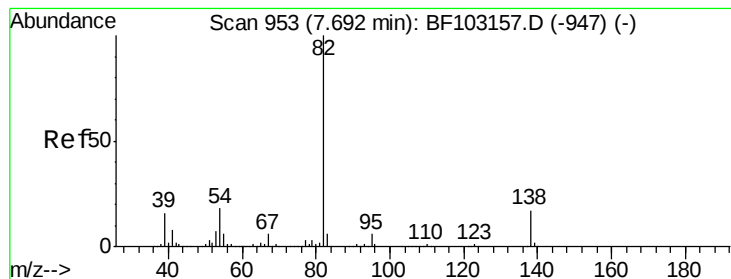
123 48.8 37.9 56.9

65 16.3 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: 88.967 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

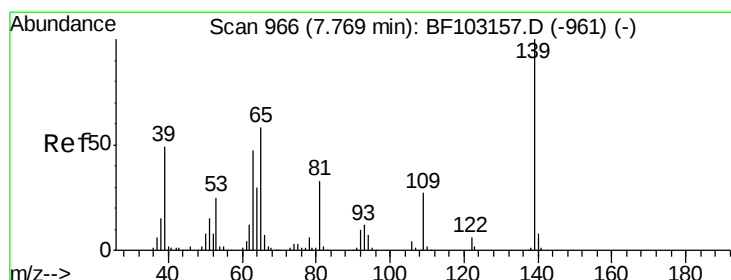
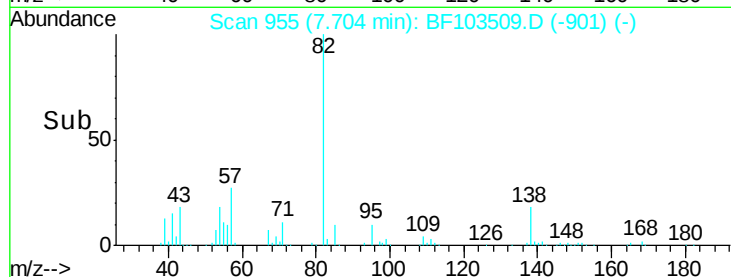
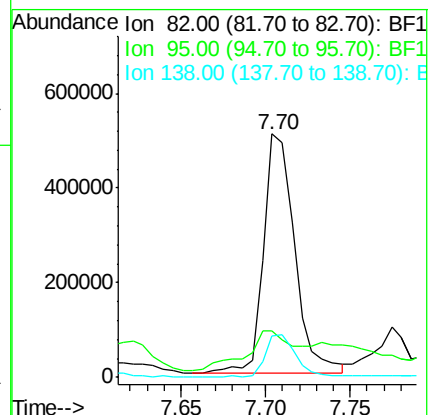
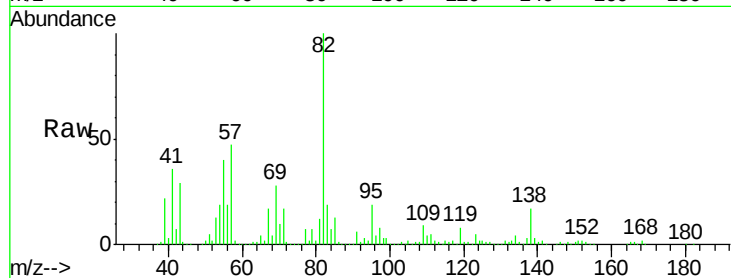
Tot Ion: 82 Resp: 655912

Ion Ratio Lower Upper

82 100

95 19.0 5.2 7.8#

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 57.283 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.03 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

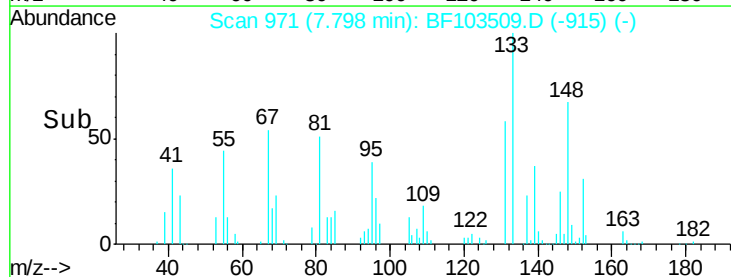
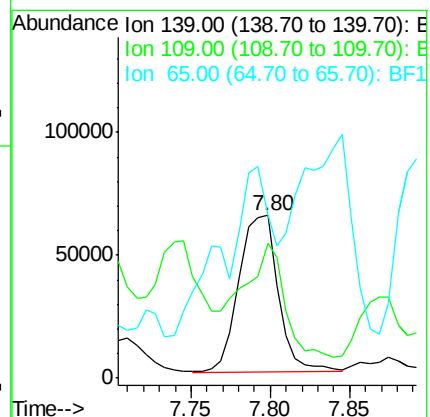
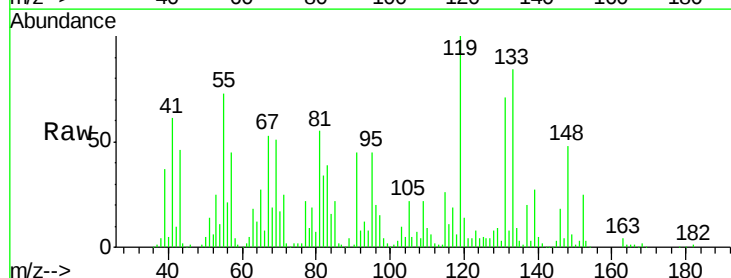
Tgt Ion: 139 Resp: 111141

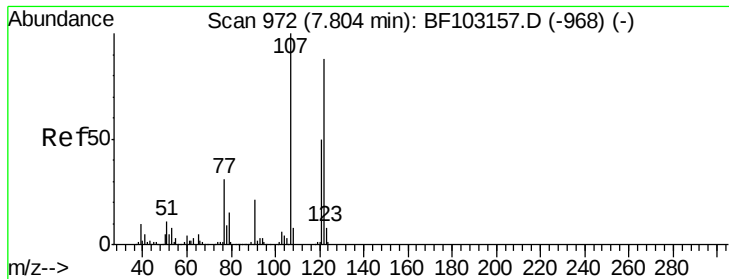
Ion Ratio Lower Upper

139 100

109 82.8 22.7 34.1#

65 100.0 40.5 60.7#

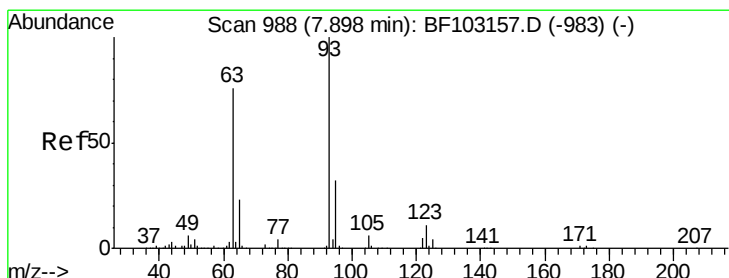
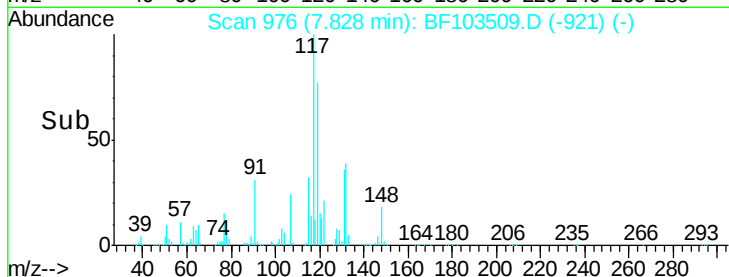
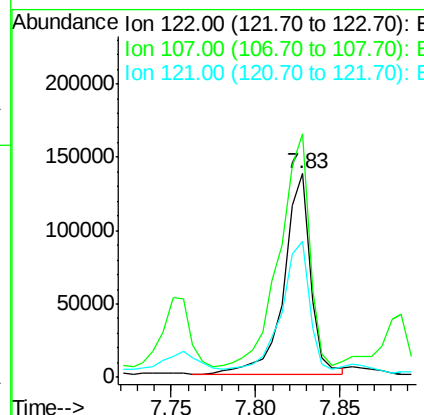
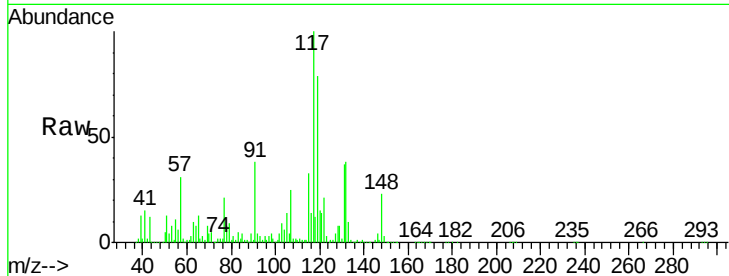




#27
 2,4-Dimethylphenol
 Concen: 50.404 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.02 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

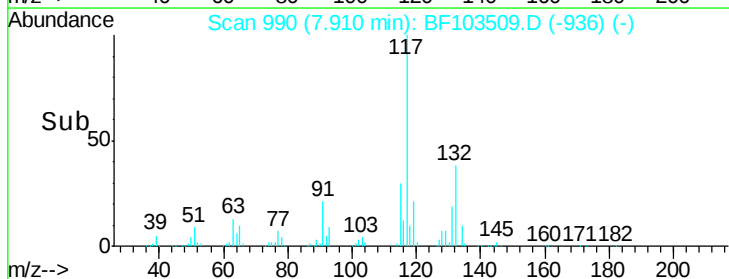
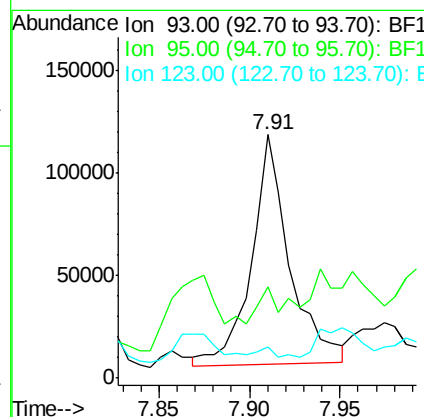
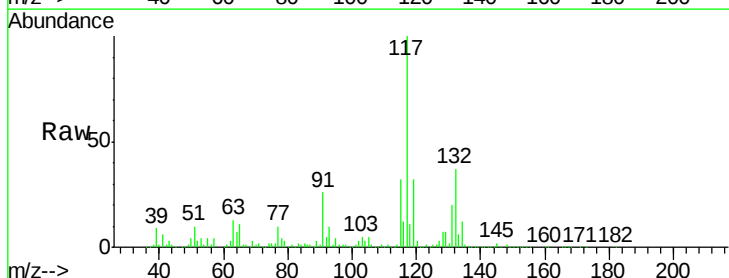
Instrument :
 BNA_F
 ClientSampleId :

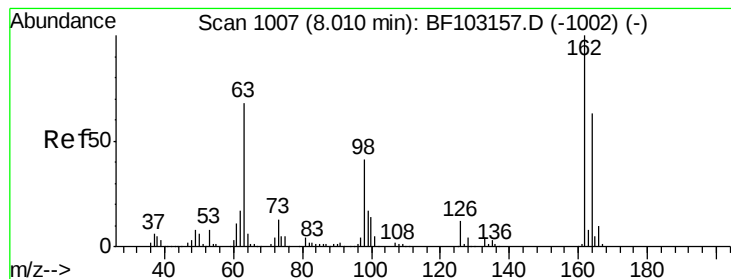
Tot Ion:122 Resp: 149481
 Ion Ratio Lower Upper
 122 100
 107 119.5 91.2 136.8
 121 66.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.611 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.02 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion: 93 Resp: 163030
 Ion Ratio Lower Upper
 93 100
 95 37.3 26.3 39.5
 123 12.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 87.571 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

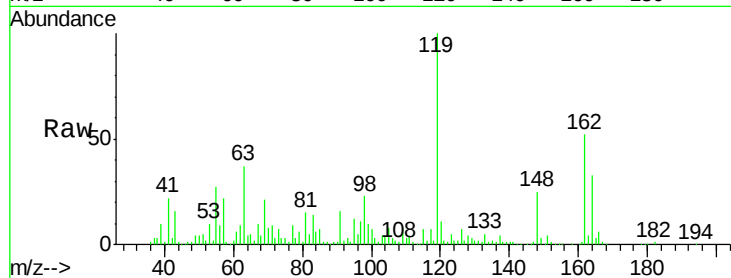
Tot Ion:162 Resp: 248645

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

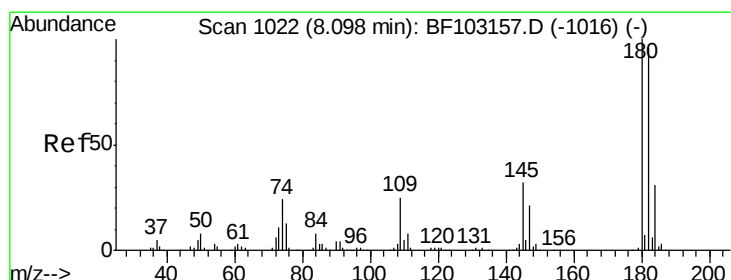
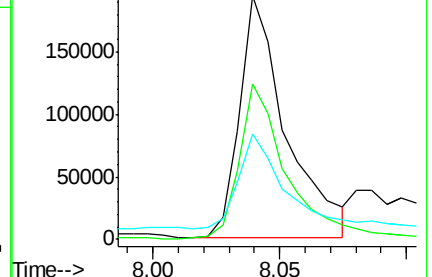
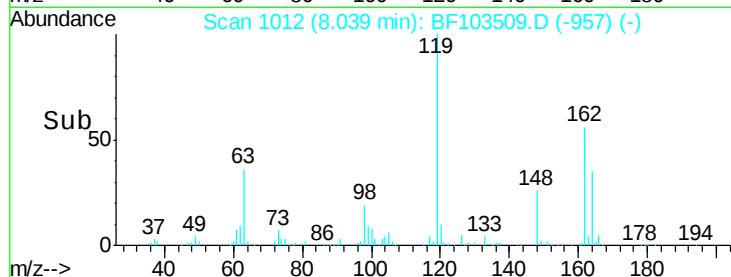
98 43.4 18.1 58.1



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: 68.323 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

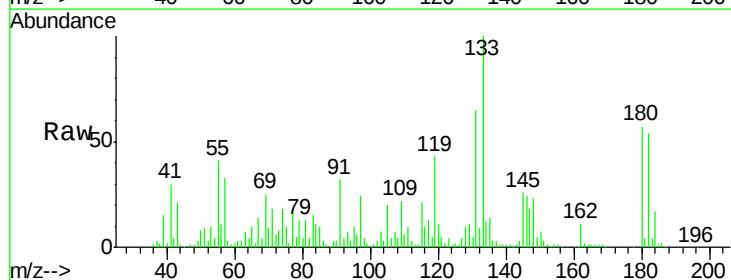
Tgt Ion:180 Resp: 206583

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

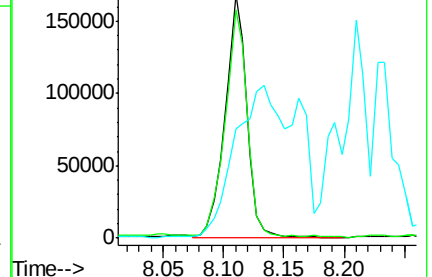
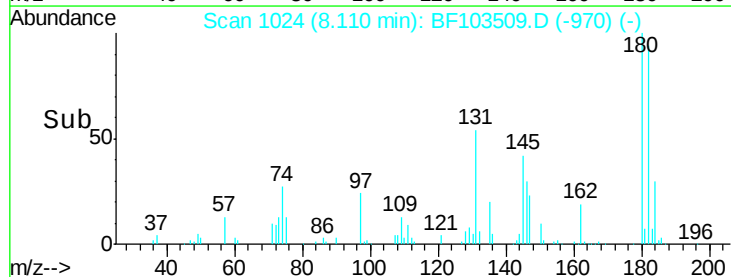
145 44.7 26.5 39.7#

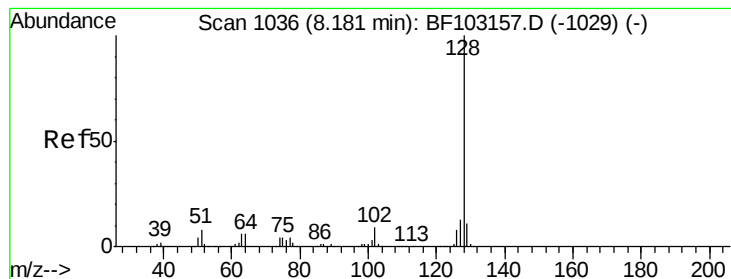


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 285.158 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.02 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

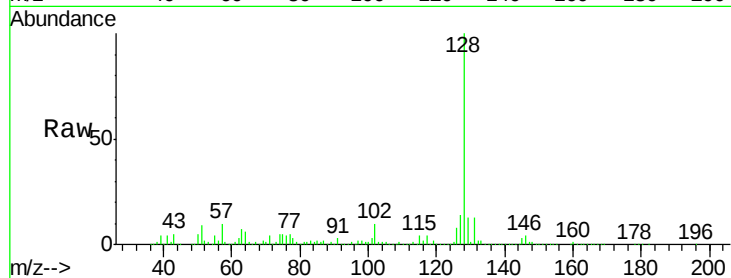
Tot Ion:128 Resp: 2984470

Ion Ratio Lower Upper

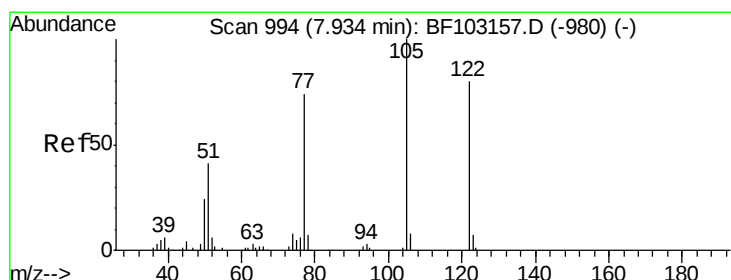
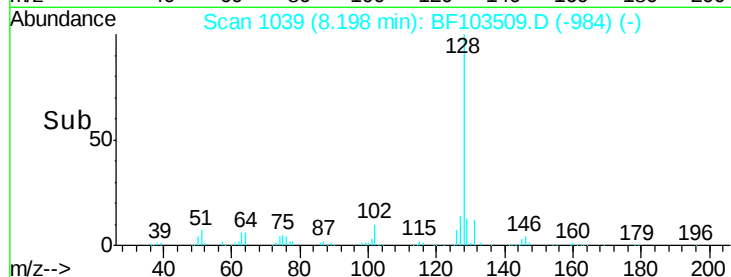
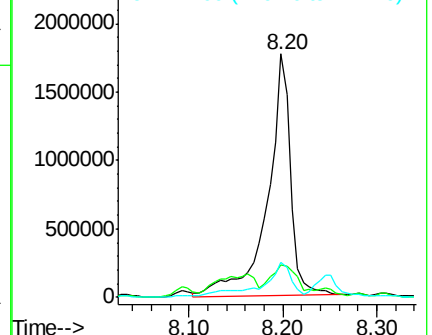
128 100

129 13.2 8.8 13.2

127 14.3 10.9 16.3



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



#32

Benzoic acid

Concen: 16.830 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

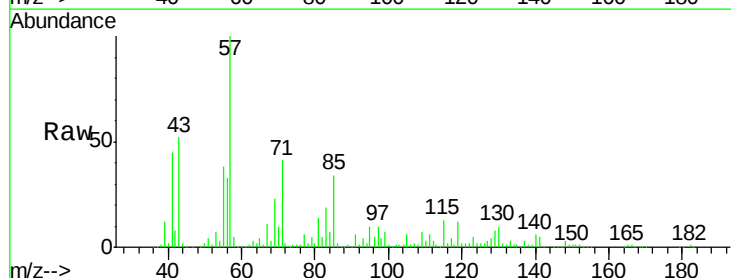
Tgt Ion:122 Resp: 25488

Ion Ratio Lower Upper

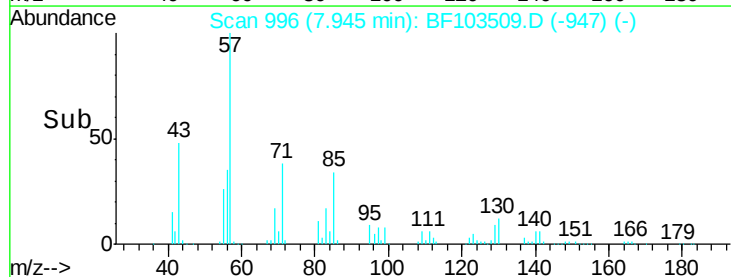
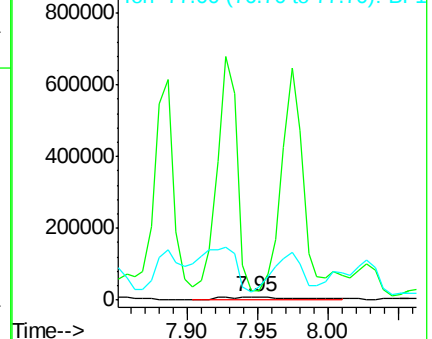
122 100

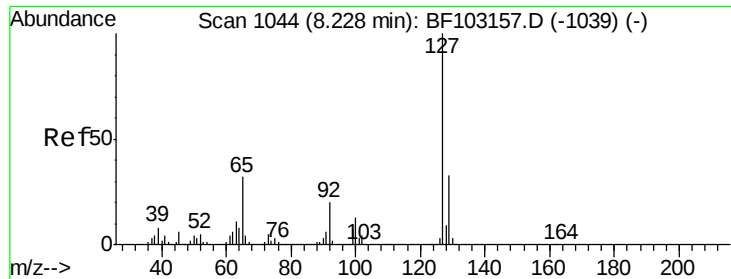
105 250.6 101.1 141.1#

77 244.8 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

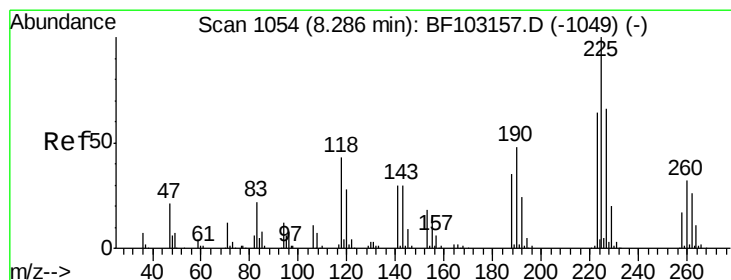
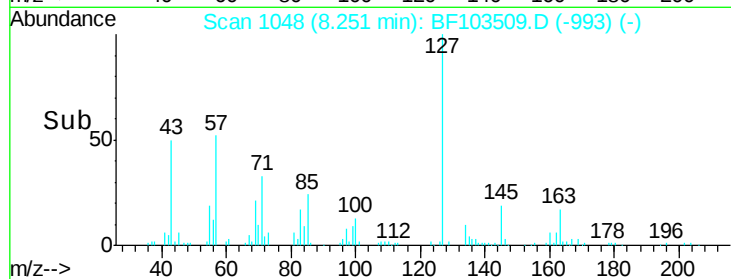
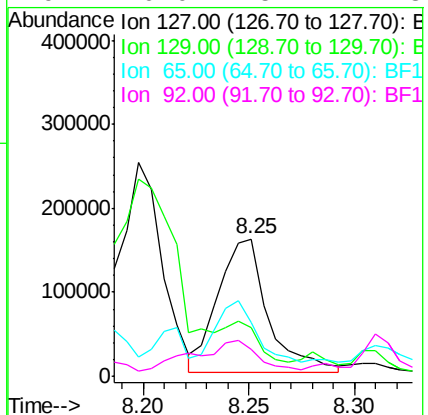
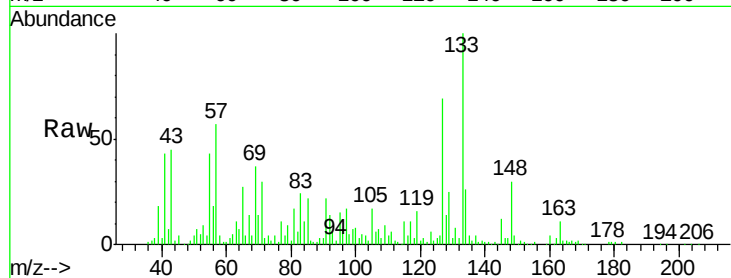




#33
4-Chloroaniline
Concen: 58.255 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.02 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

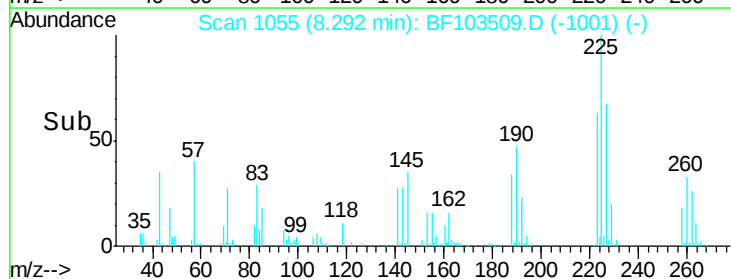
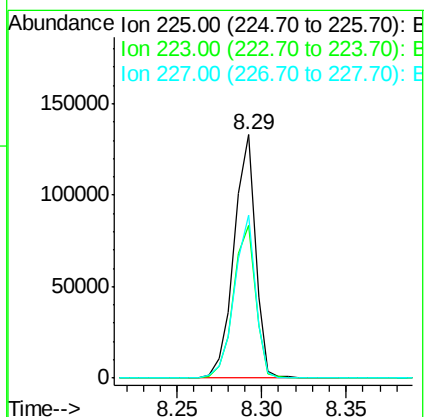
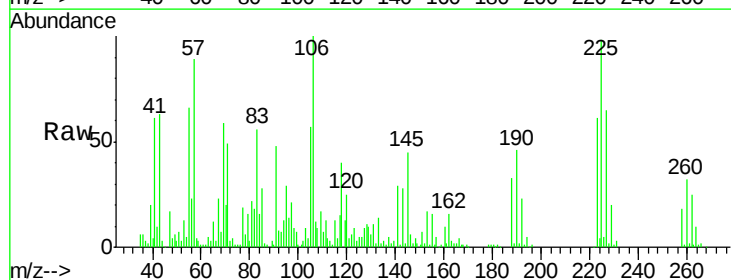
Instrument :
BNA_F
ClientSampleId :

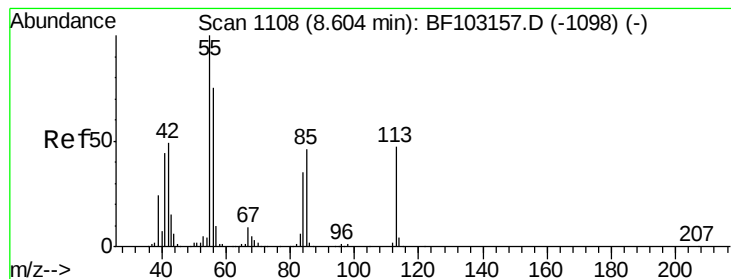
Tot Ion:	127	Resp:	263097
Ion	Ratio	Lower	Upper
127	100		
129	35.8	25.9	38.9
65	39.1	25.0	37.4
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 74.778 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.02 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:	225	Resp:	117739
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	66.7	51.9	77.9





#35

Caprolactam

Concen: 77.825 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampled :

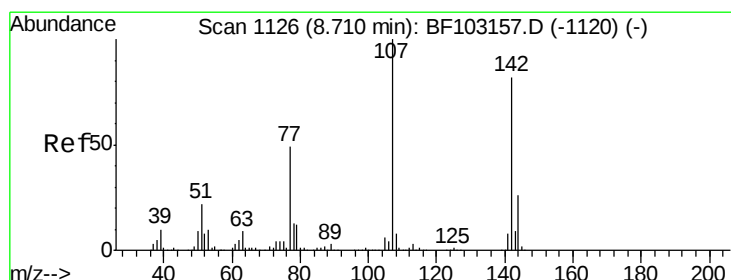
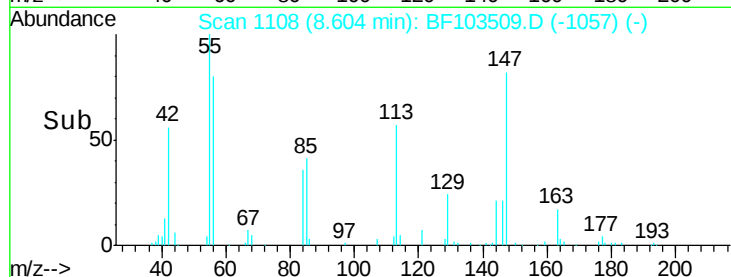
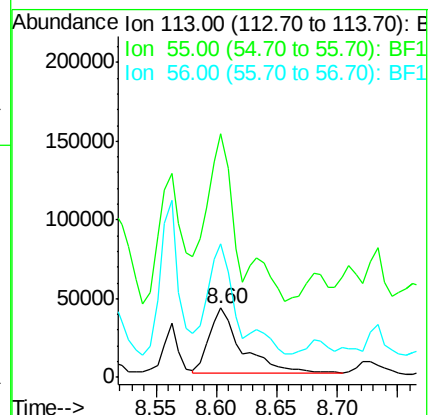
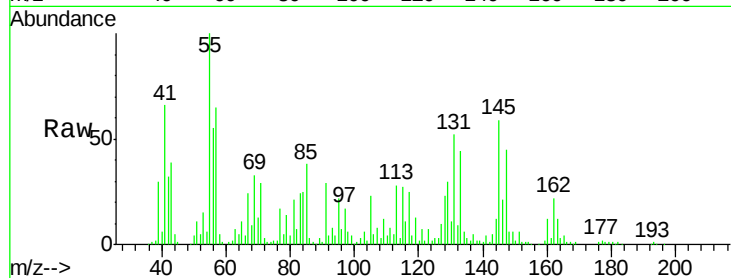
Tot Ion:113 Resp: 77662

Ion Ratio Lower Upper

113 100

55 351.0 163.3 203.3#

56 192.6 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 89.628 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

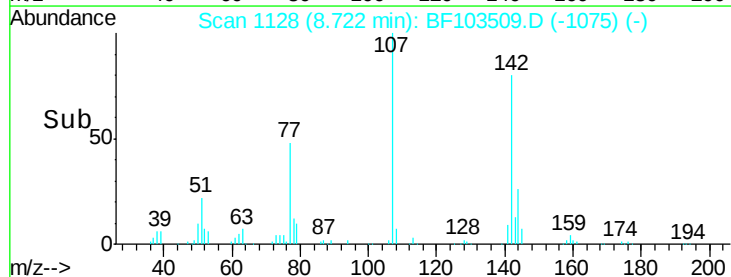
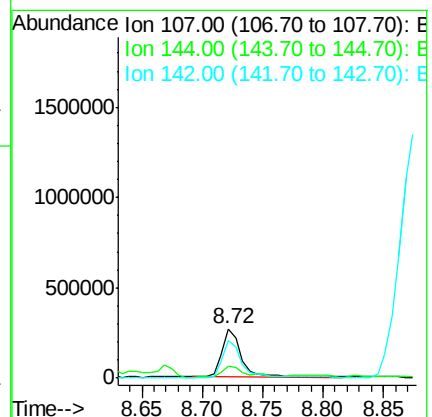
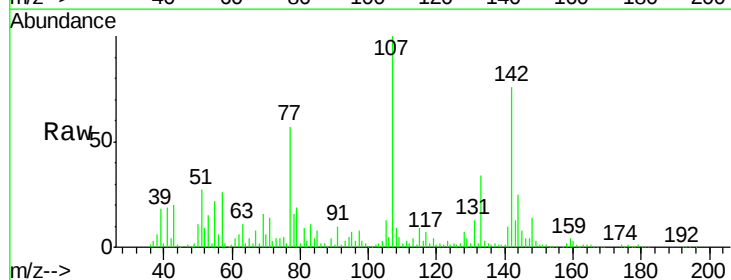
Tgt Ion:107 Resp: 287038

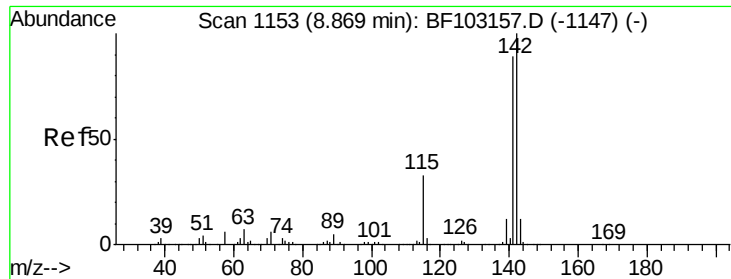
Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

142 76.3 62.0 93.0

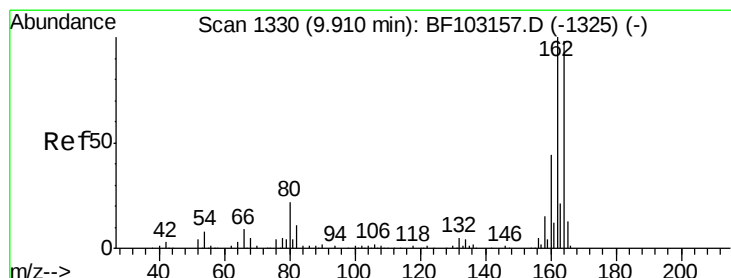
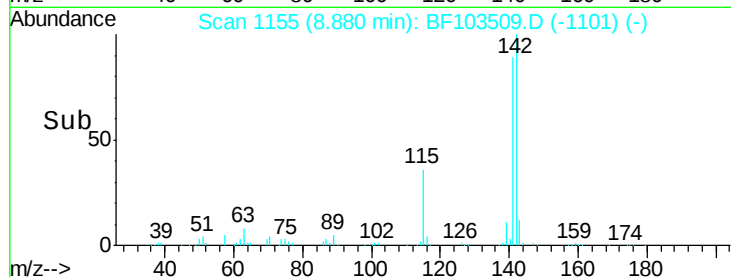
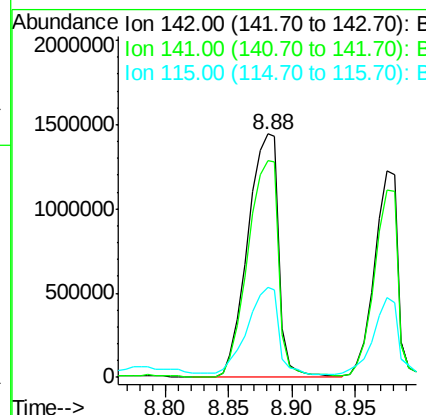
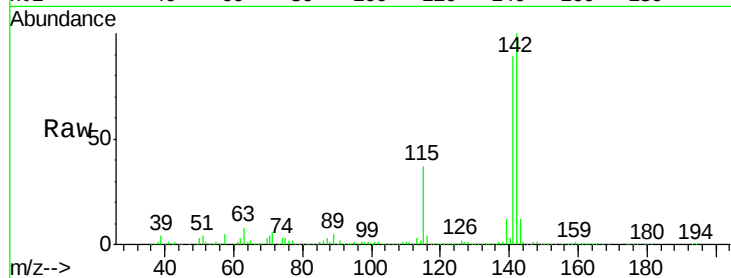




#37
2-Methylnaphthalene
Concen: 363.290 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

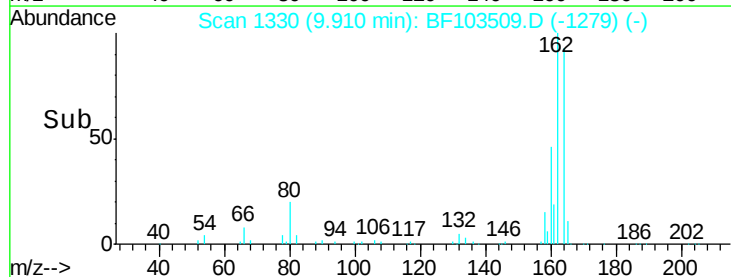
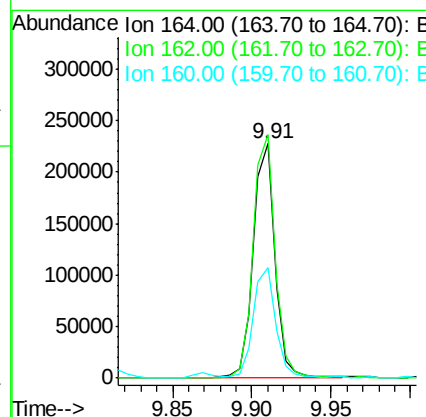
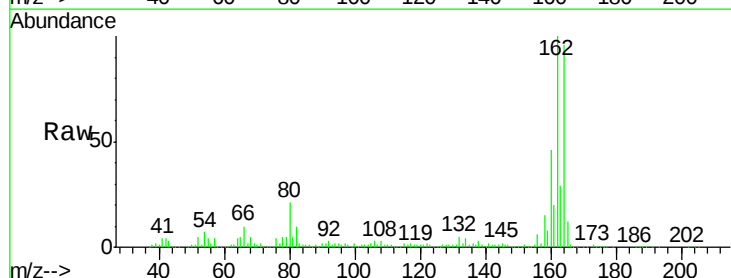
Instrument :
BNA_F
ClientSampleId :

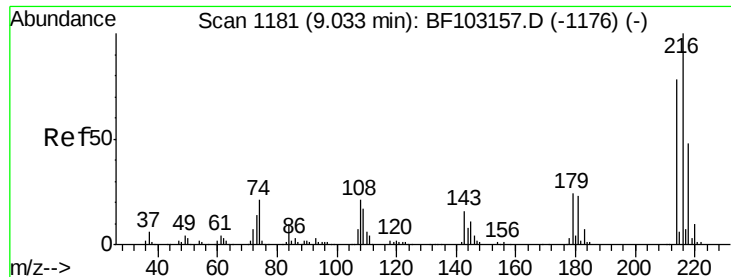
Tot Ion:142 Resp: 2457285
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 37.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:164 Resp: 218199
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 47.3 38.3 57.5

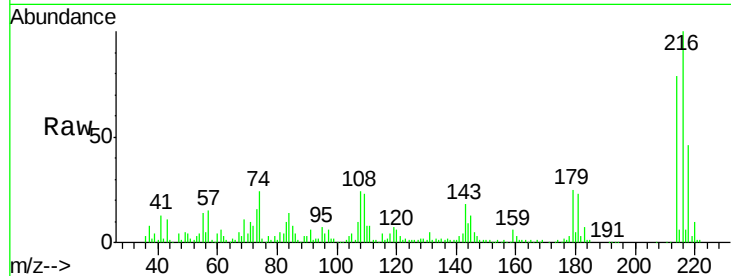




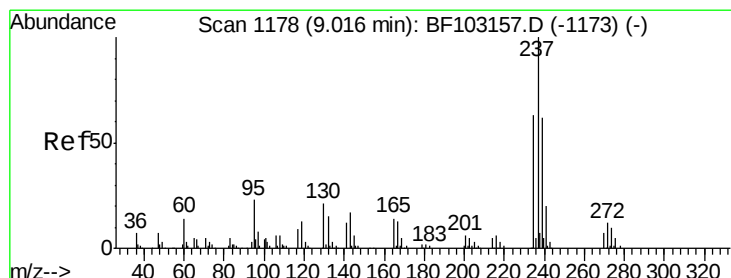
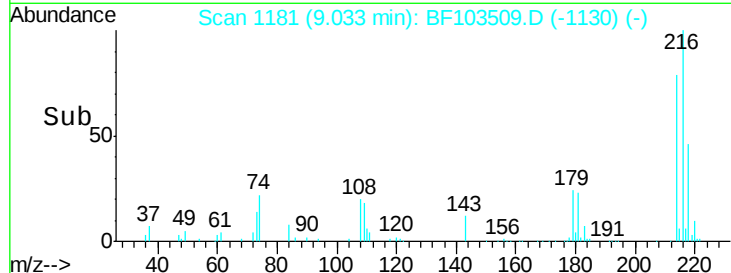
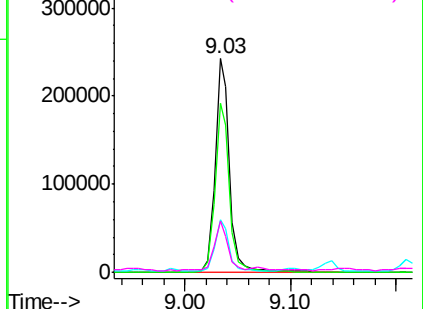
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.080 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	233115
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.0 94.4
179	23.4	18.1 27.1
108	21.5	17.2 25.8

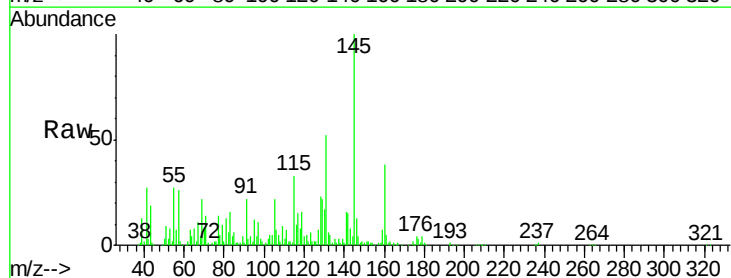


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

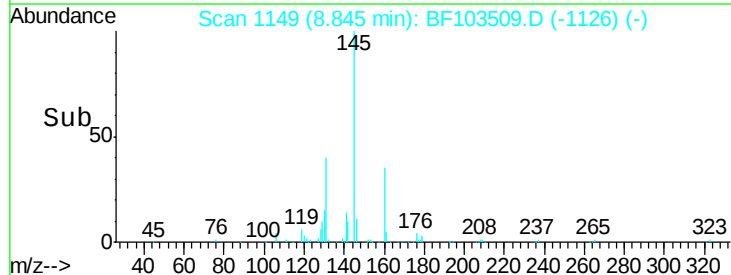
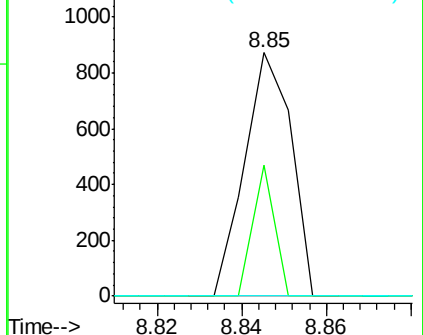


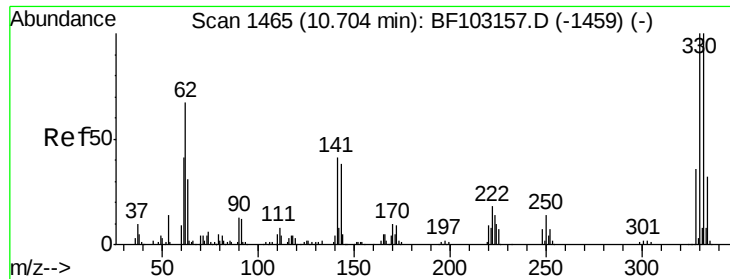
#40
 Hexachlorocyclopentadiene
 Concen: 9.165 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.16 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:237	Resp:	669
Ion Ratio	Lower	Upper
237	100	
235	54.0	44.8 84.8
272	0.0	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

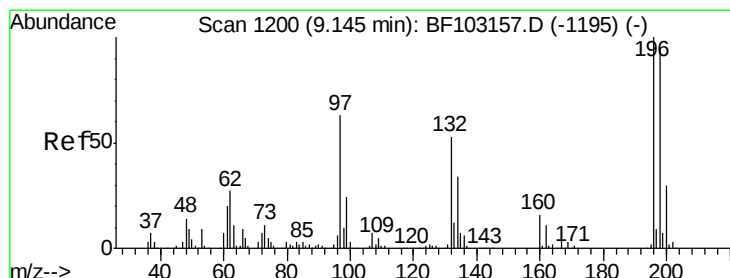
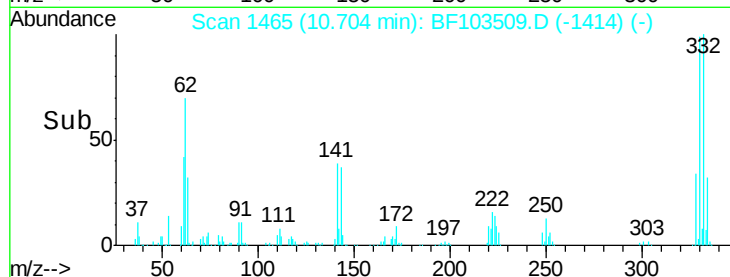
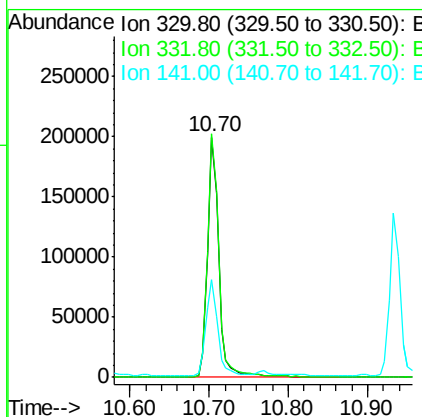
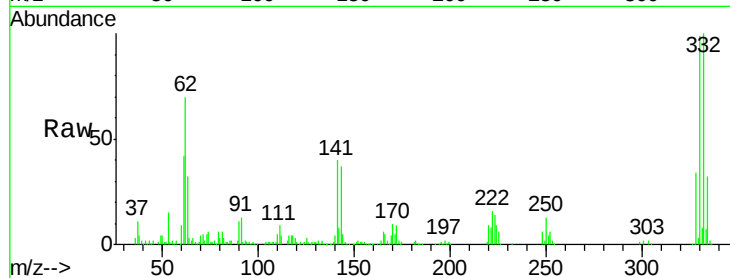




#41
 2,4,6-Tribromophenol
 Concen: 109.311 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

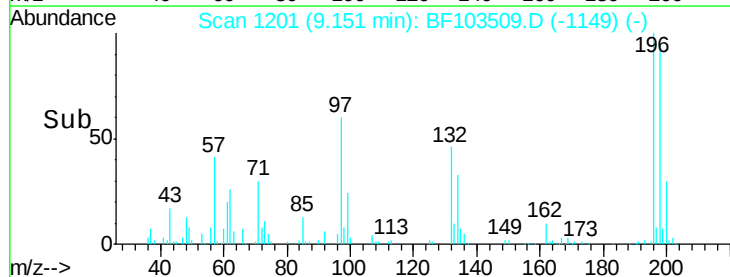
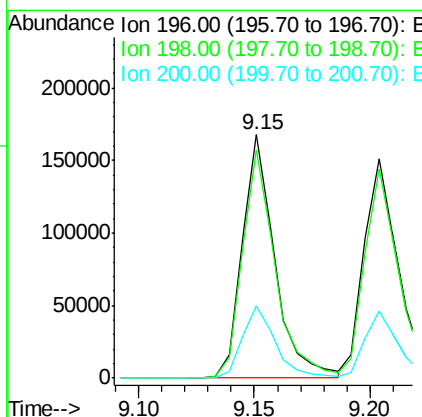
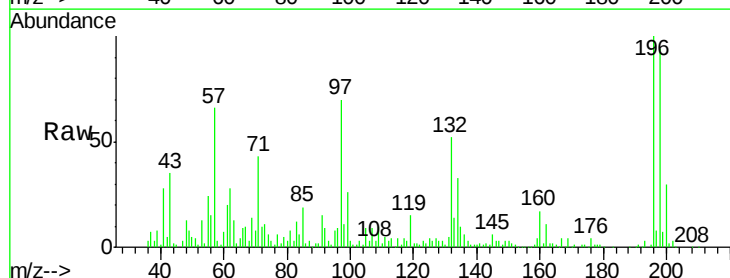
Instrument :
 BNA_F
 ClientSampleId :

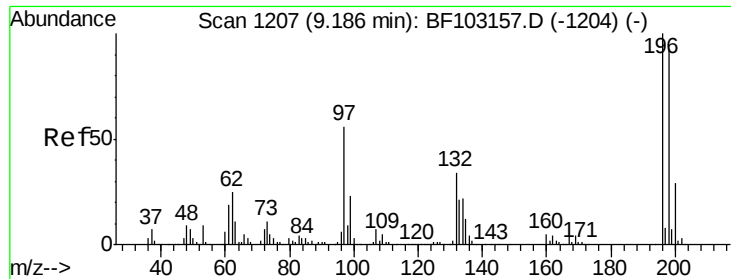
Tot Ion:330 Resp: 201890
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 42.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.250 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:196 Resp: 165567
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 29.6 24.5 36.7

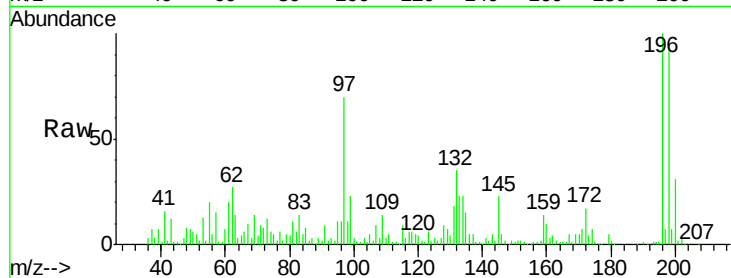




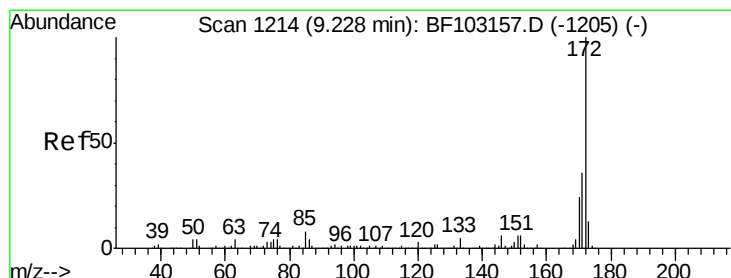
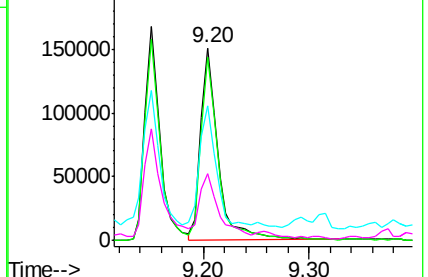
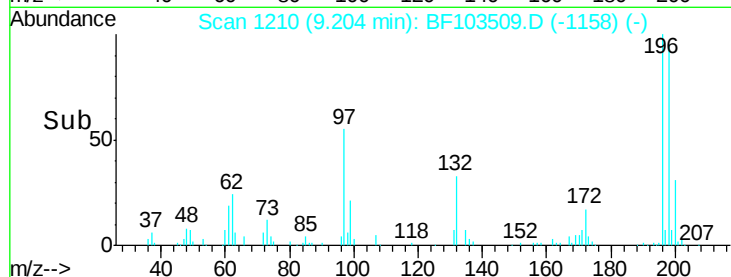
#43
2,4,5-Trichlorophenol
Concen: 37.482 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 173034
Ion Ratio Lower Upper
196 100
198 95.4 74.6 112.0
97 69.7 42.9 64.3#
132 34.7 26.3 39.5

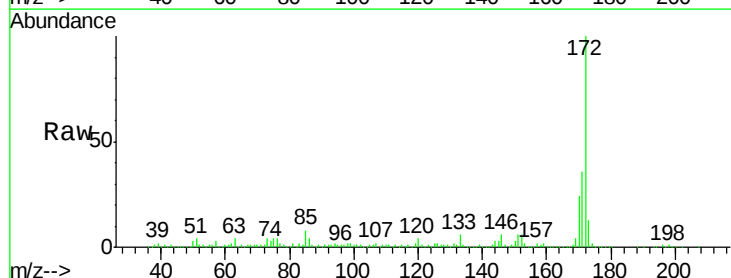


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

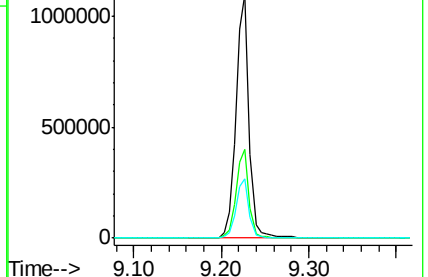
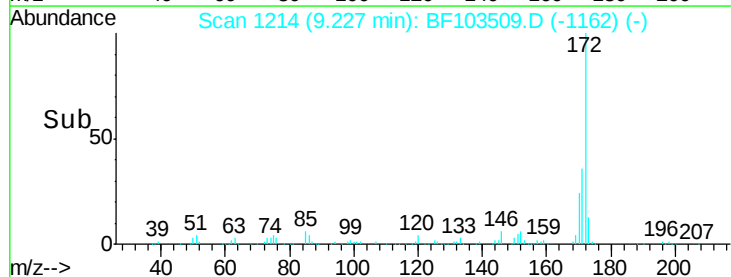


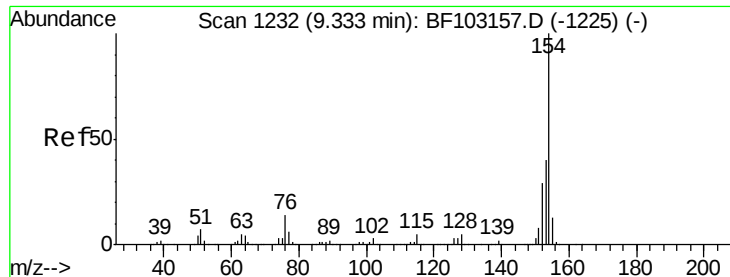
#44
2-Fluorobiphenyl
Concen: 88.794 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:172 Resp: 1113064
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.3 19.6 29.4



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

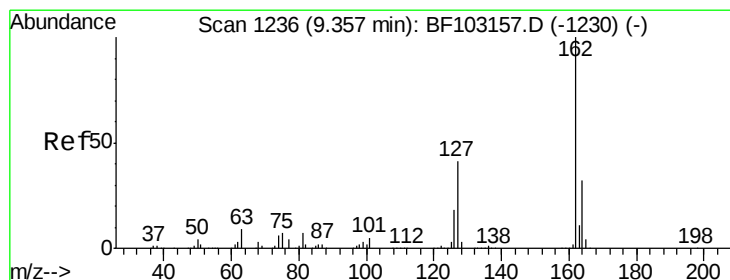
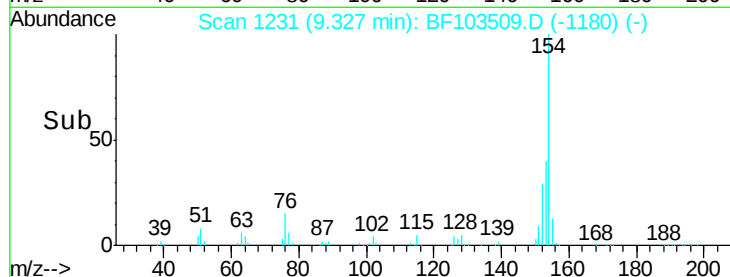
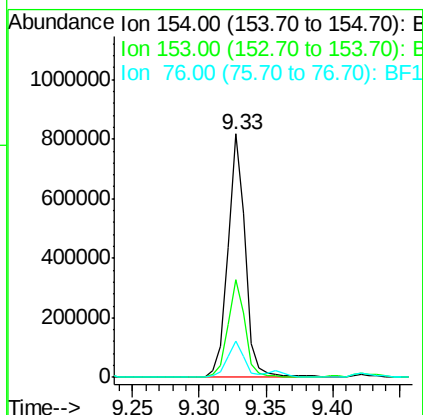
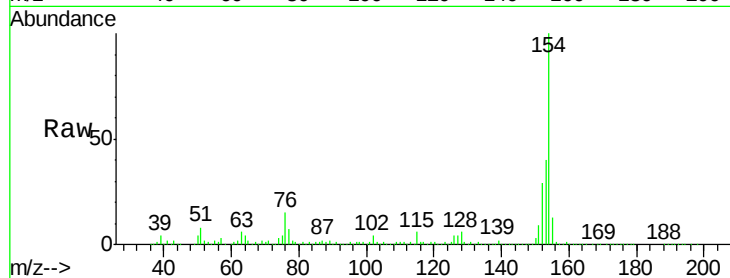




#45
 1,1'-Biphenyl
 Concen: 41.033 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

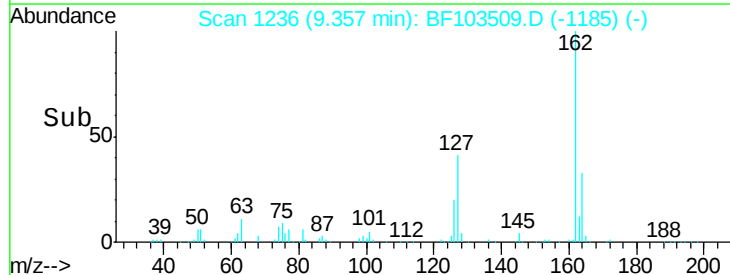
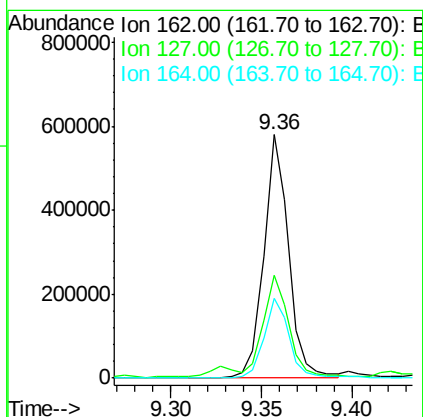
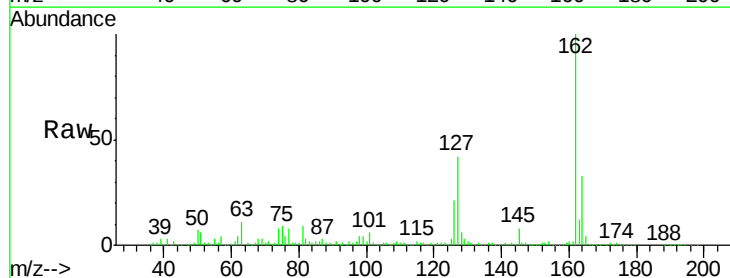
Instrument :
 BNA_F
 ClientSampleId :

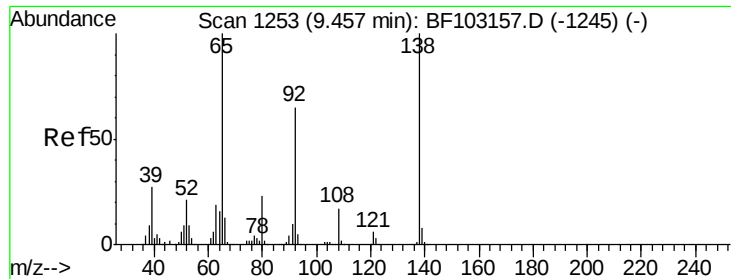
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	14.9	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 38.224 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	32.6	26.5	39.7

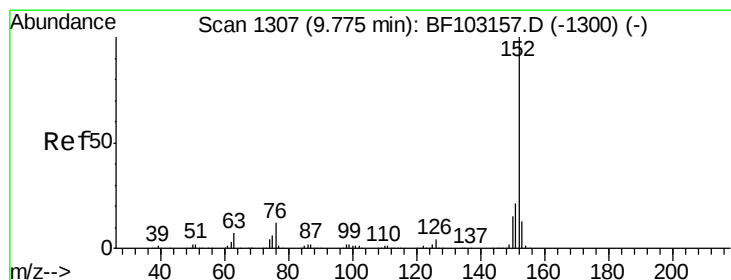
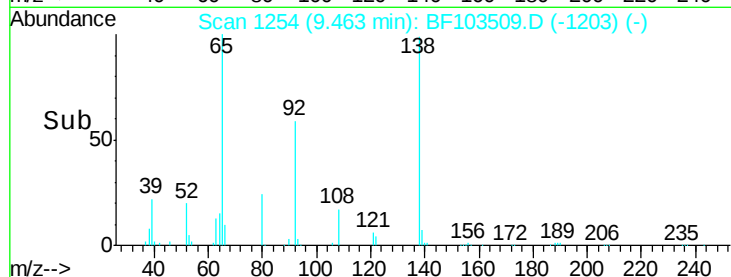
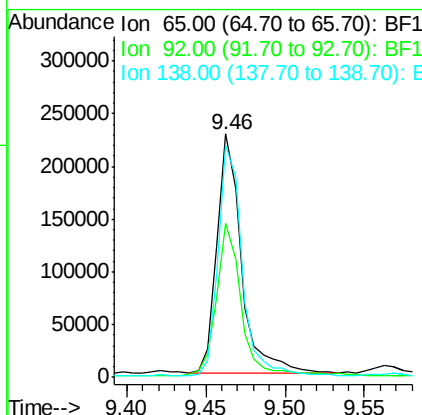
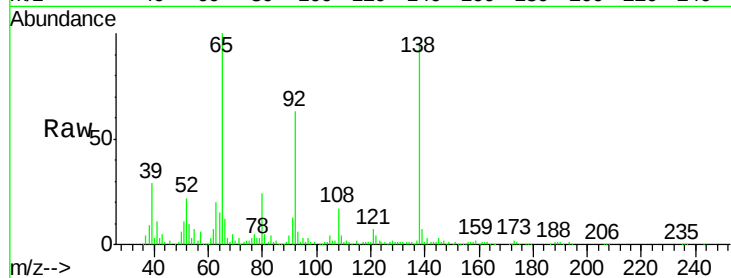




#47
2-Nitroaniline
Concen: 45.854 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

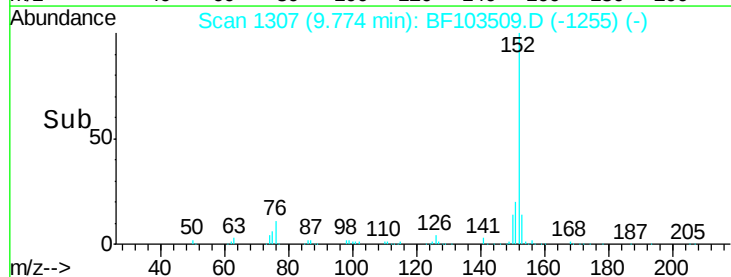
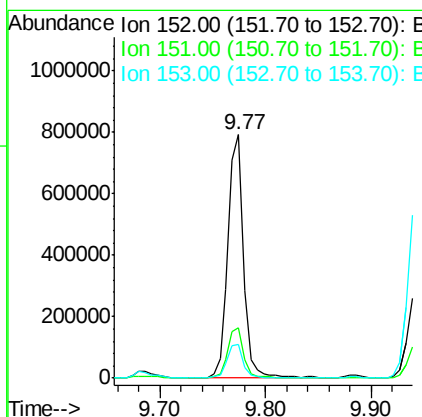
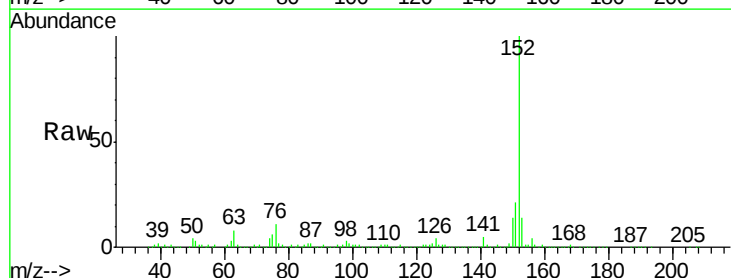
Instrument :
BNA_F
ClientSampleId :

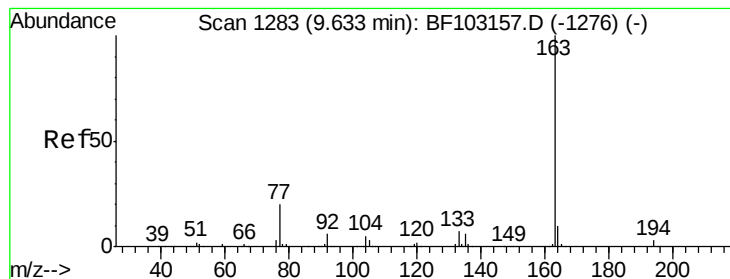
Tot Ion: 65 Resp: 245695
Ion Ratio Lower Upper
65 100
92 63.4 55.8 83.6
138 95.1 91.2 136.8



#48
Acenaphthylene
Concen: 36.326 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion: 152 Resp: 808474
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 42.662 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

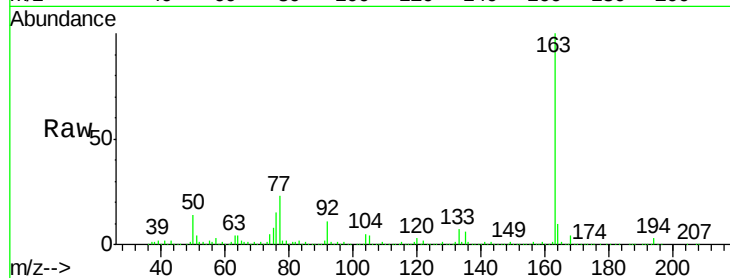
Tot Ion:163 Resp: 746766

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

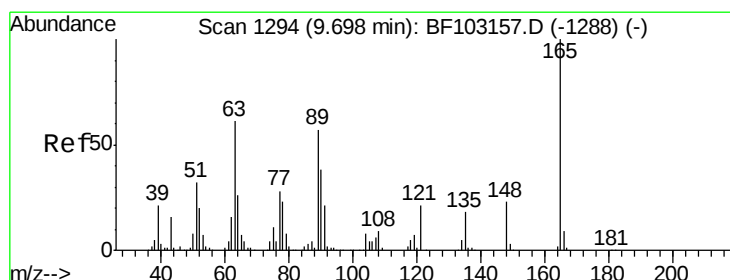
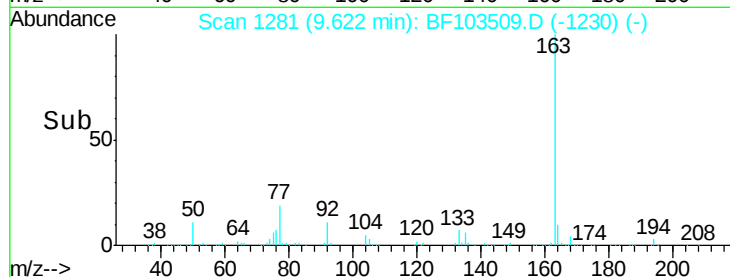
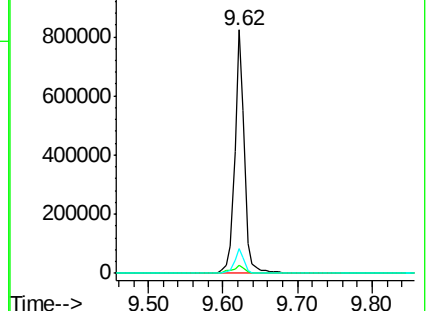
164 10.1 8.2 12.2



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: 34.492 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

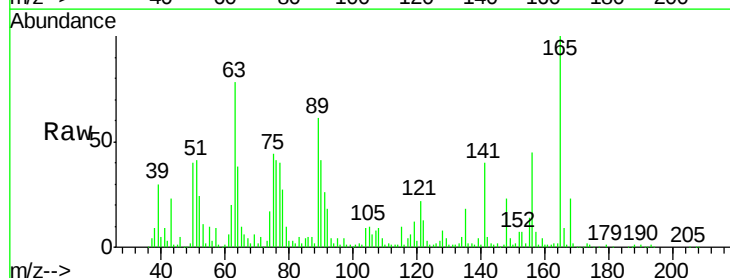
Tgt Ion:165 Resp: 126702

Ion Ratio Lower Upper

165 100

63 77.7 44.7 67.1#

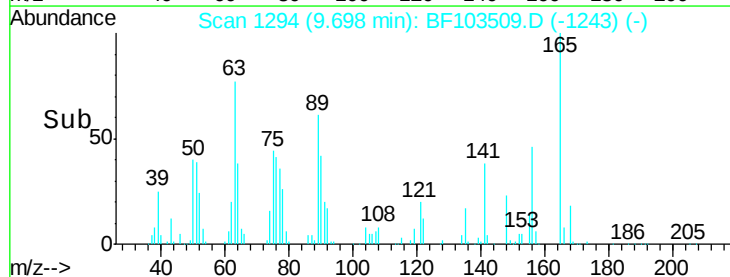
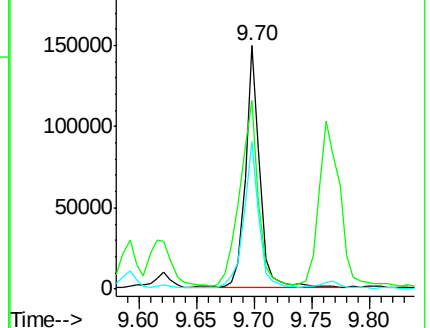
89 60.6 44.0 66.0

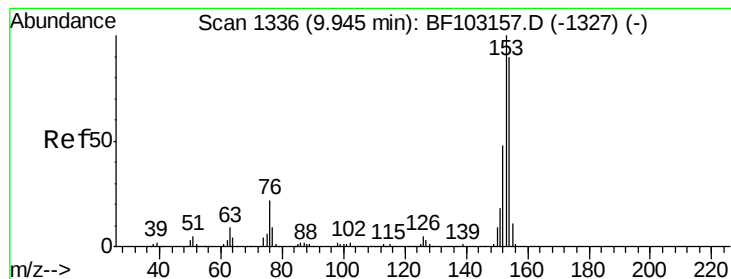


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.342 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

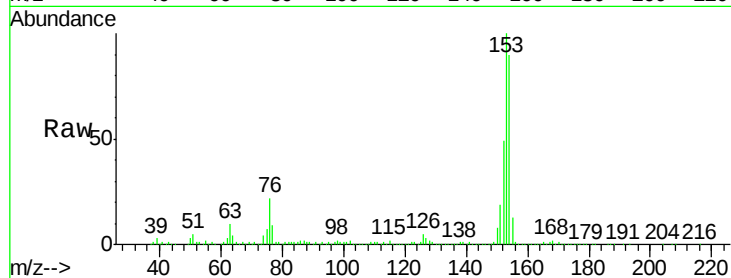
Tot Ion:154 Resp: 484618

Ion Ratio Lower Upper

154 100

153 111.0 91.2 136.8

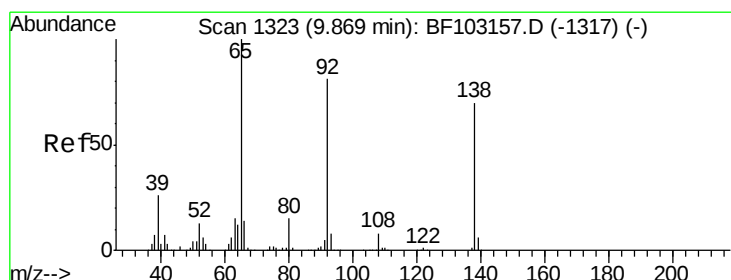
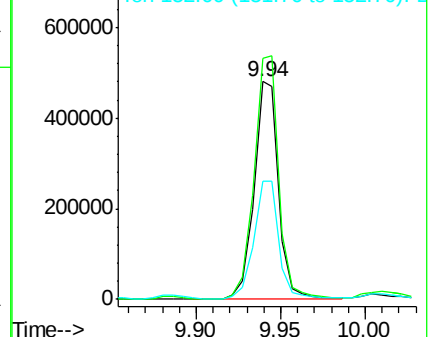
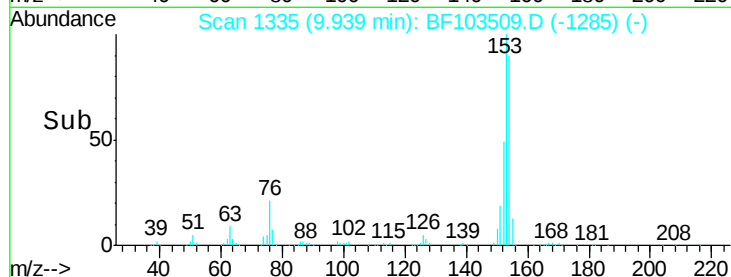
152 54.1 43.8 65.8



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: 33.404 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

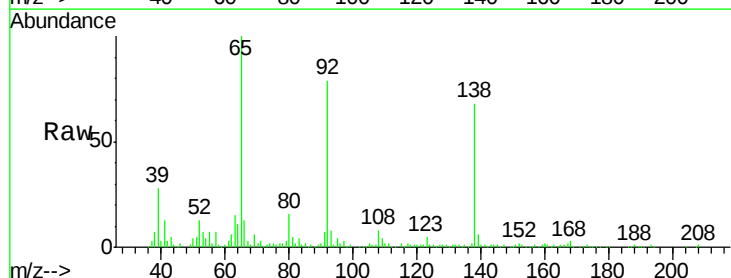
Tgt Ion:138 Resp: 155676

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

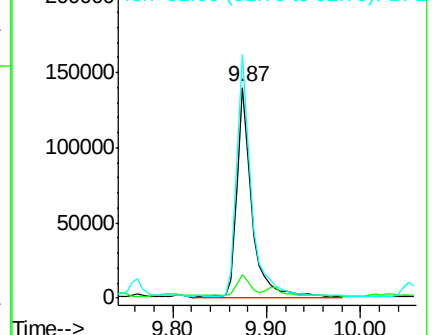
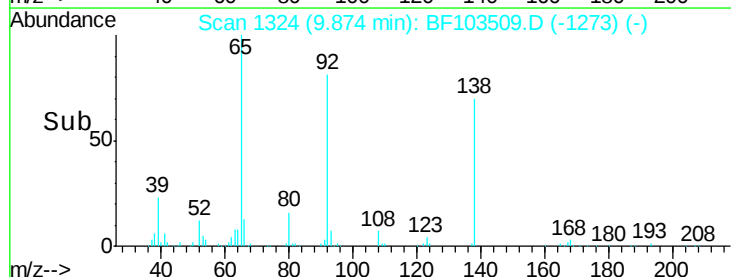
92 115.7 89.4 134.2

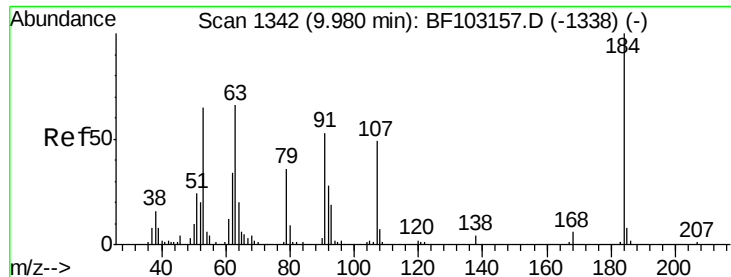


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

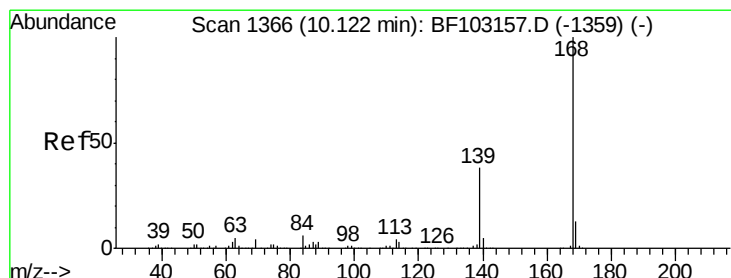
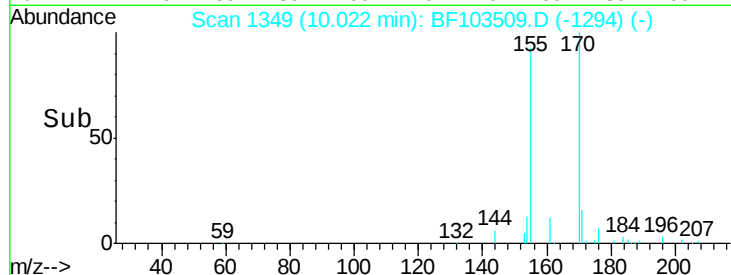
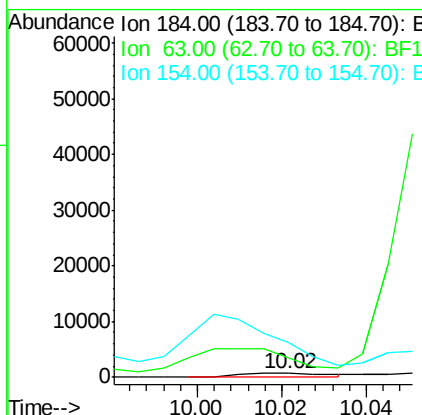
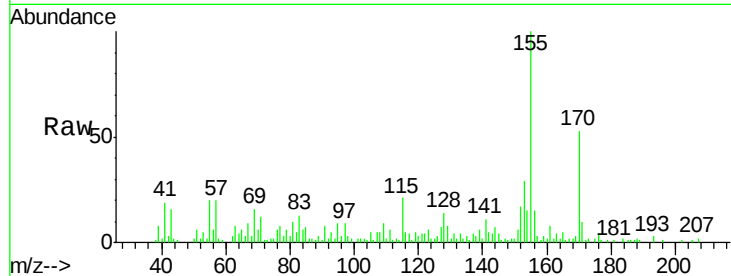




#53
 2,4-Dinitrophenol
 Concen: 10.316 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.02 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

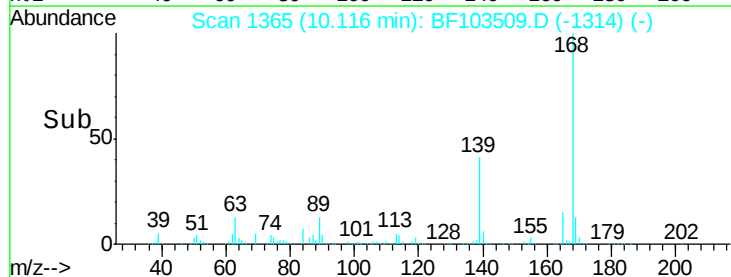
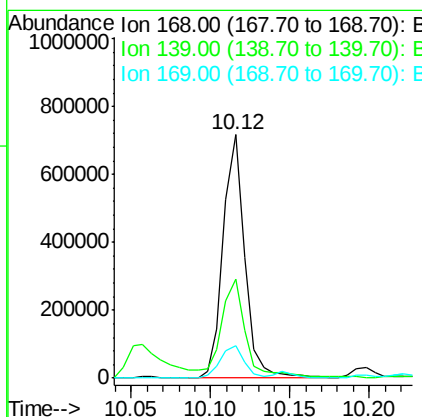
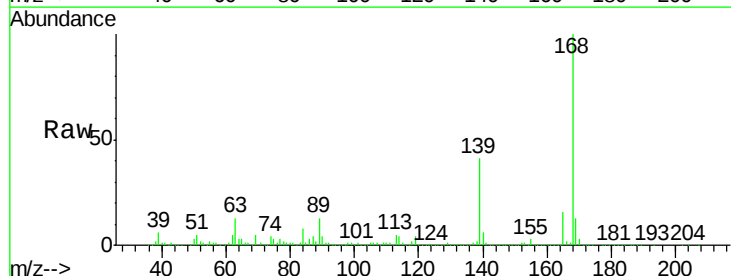
Instrument :
 BNA_F
 ClientSampleId :

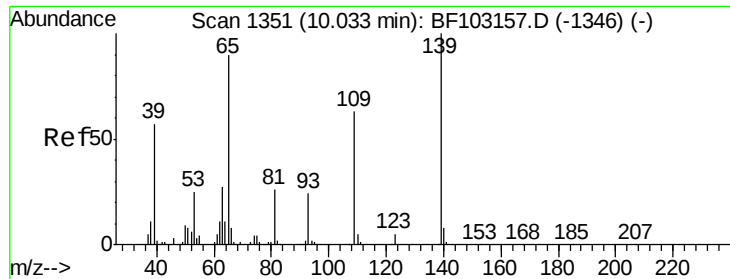
Tot Ion:184 Resp: 1048
 Ion Ratio Lower Upper
 184 100
 63 484.4 54.2 81.2#
 154 879.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.178 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:168 Resp: 680147
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.1 45.1
 169 13.4 10.9 16.3

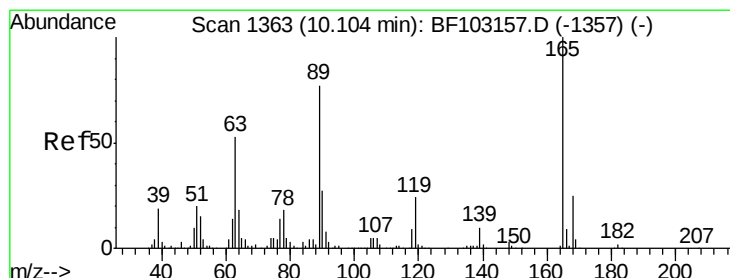
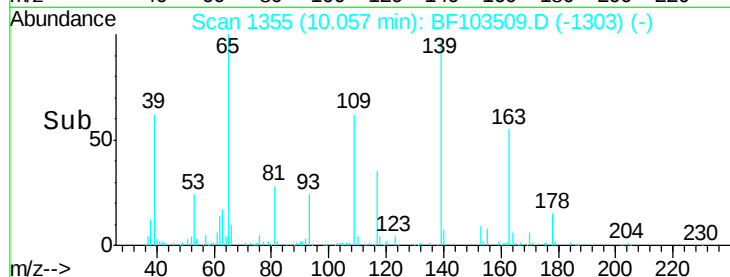
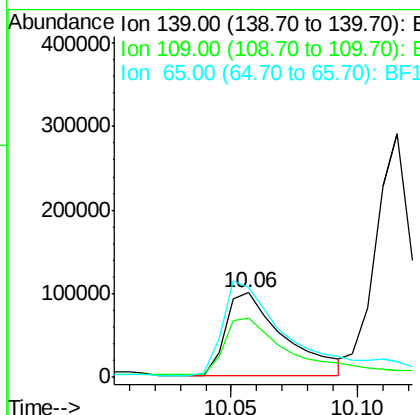
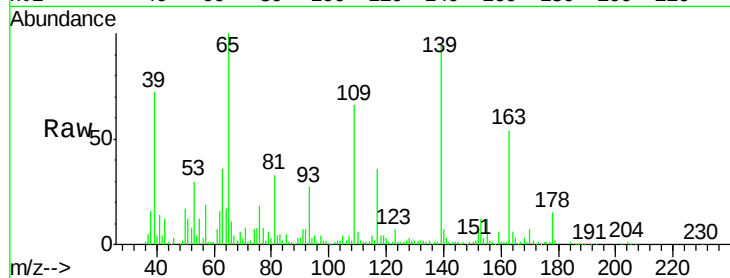




#55
4-Nitrophenol
Concen: 56.293 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

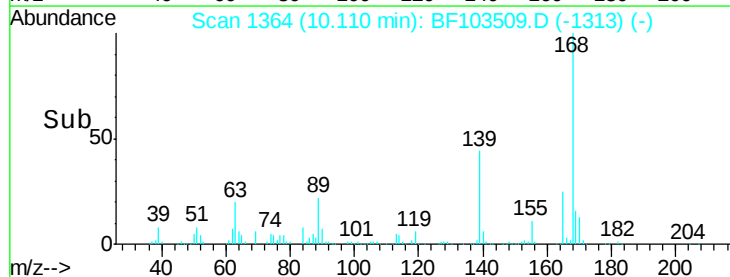
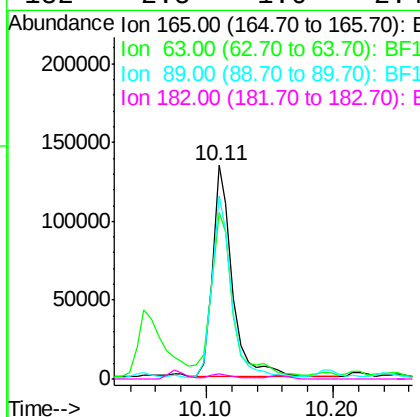
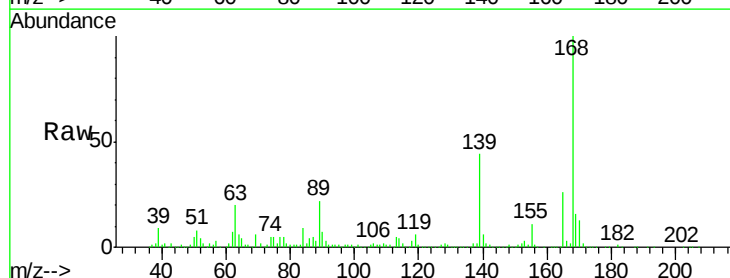
Instrument :
BNA_F
ClientSampleId :

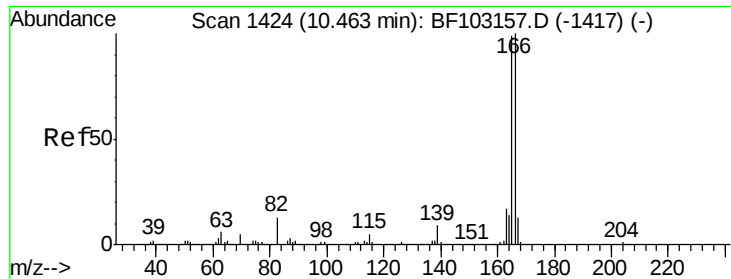
Tot Ion:139 Resp: 162598
Ion Ratio Lower Upper
139 100
109 69.7 48.4 88.4
65 106.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 31.687 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:165 Resp: 147209
Ion Ratio Lower Upper
165 100
63 78.2 36.4 54.6#
89 85.9 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 36.586 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

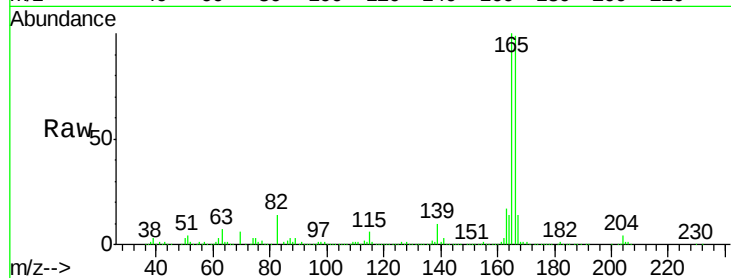
Tot Ion:166 Resp: 555239

Ion Ratio Lower Upper

166 100

165 101.0 79.8 119.8

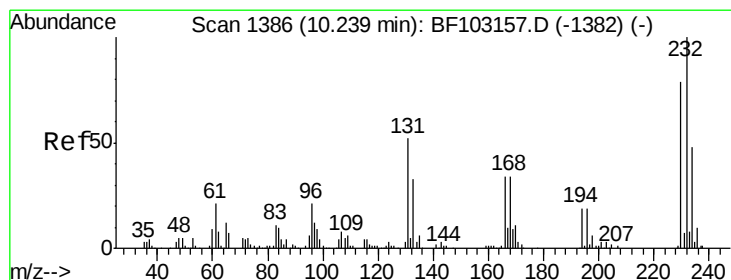
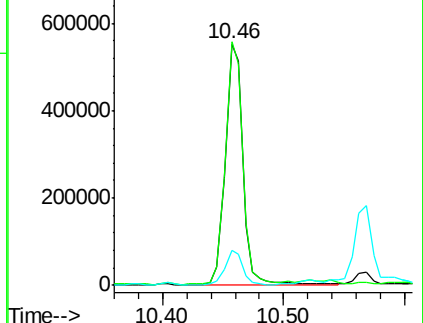
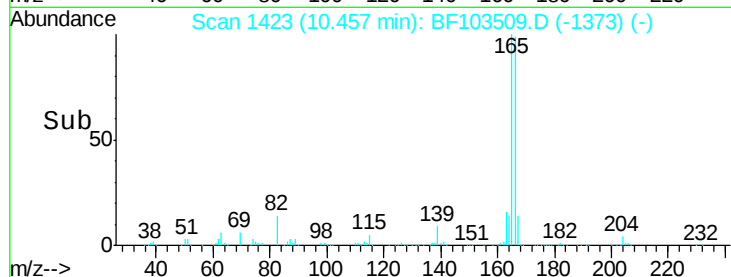
167 14.6 10.6 16.0



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: 37.284 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Tgt Ion:232 Resp: 115624

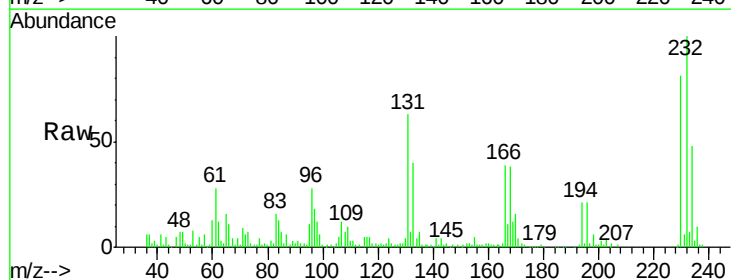
Ion Ratio Lower Upper

232 100

131 61.3 43.8 65.8

130 3.1 2.1 3.1

166 36.2 27.8 41.6

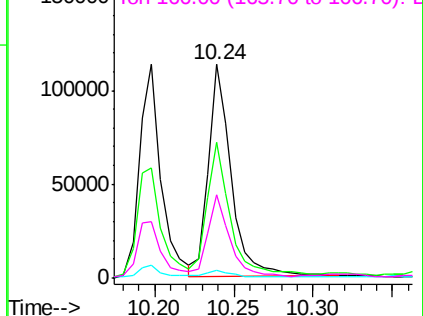
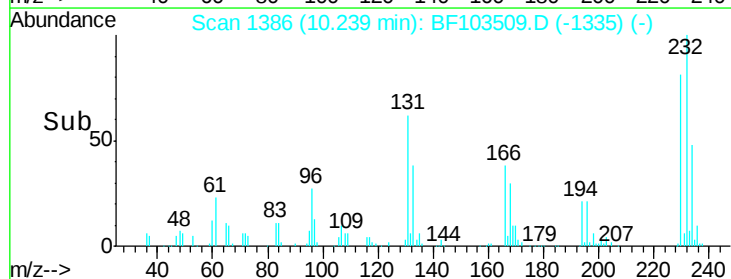


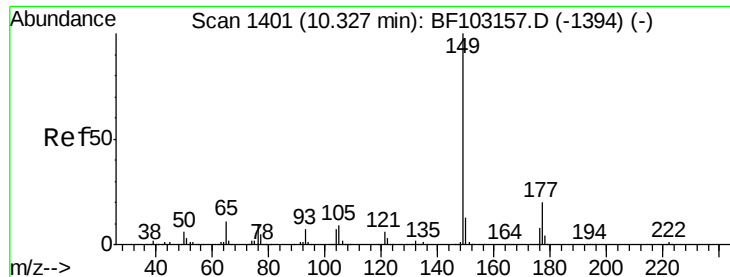
Abundance Ion 232.00 (231.70 to 232.70): E

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

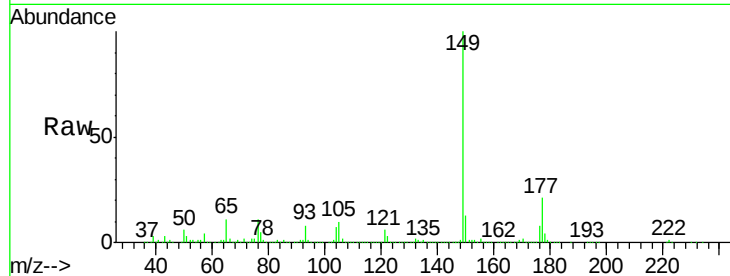




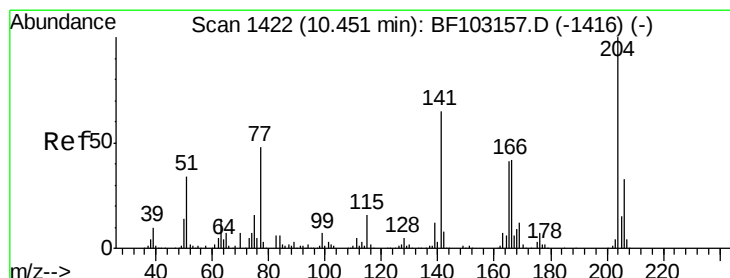
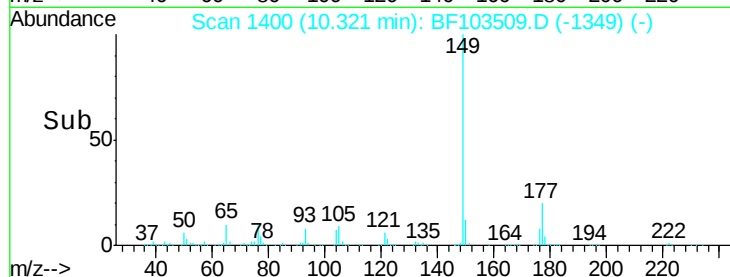
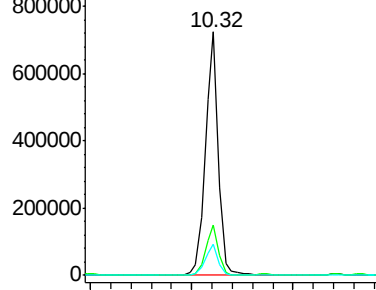
#59
Diethylphthalate
Concen: 37.775 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 632404
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.6 10.1 15.1

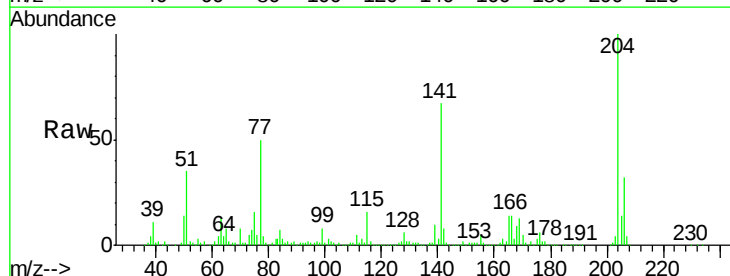


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

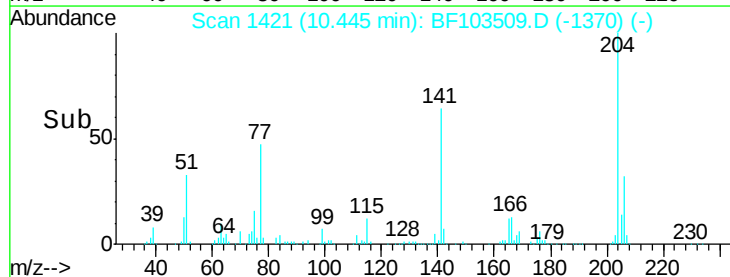
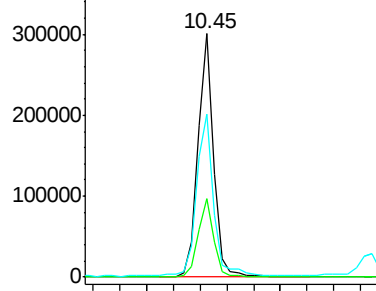


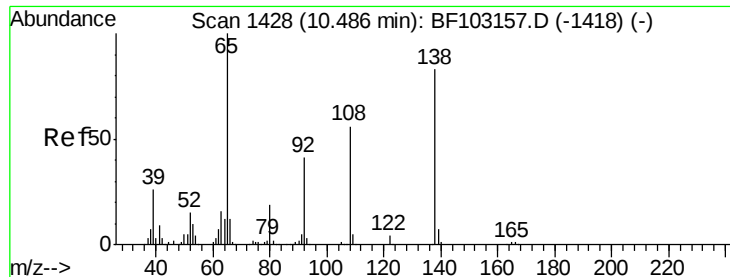
#60
4-Chlorophenyl-phenylether
Concen: 38.802 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:204 Resp: 249717
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 66.8 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

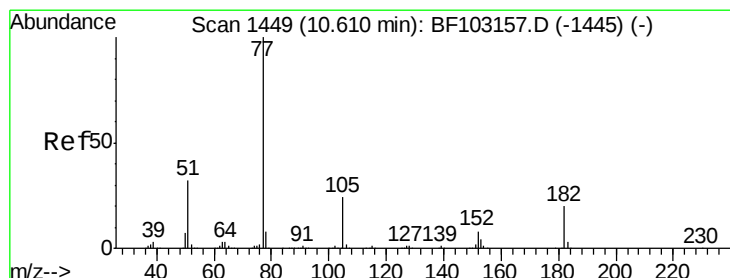
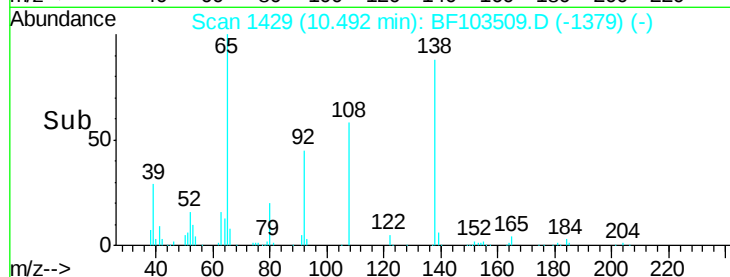
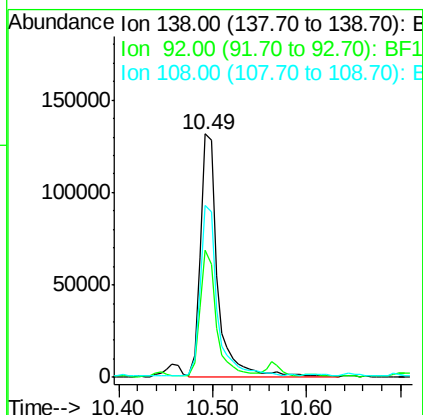
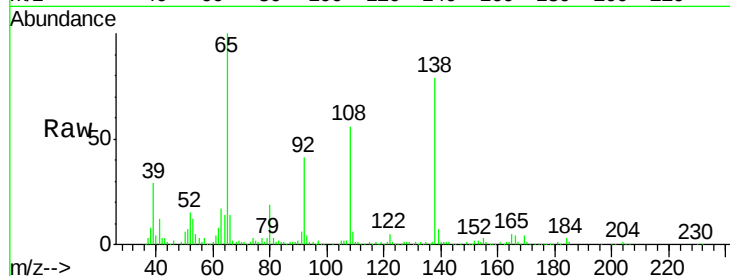




#61
4-Nitroaniline
Concen: 35.633 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

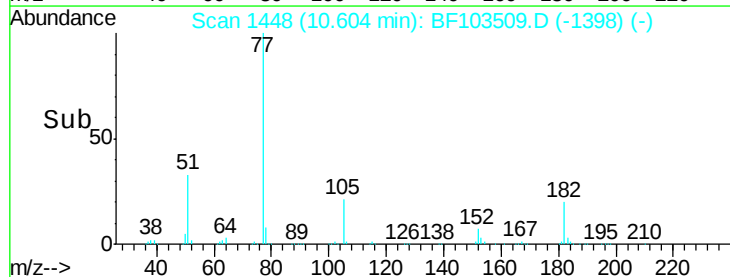
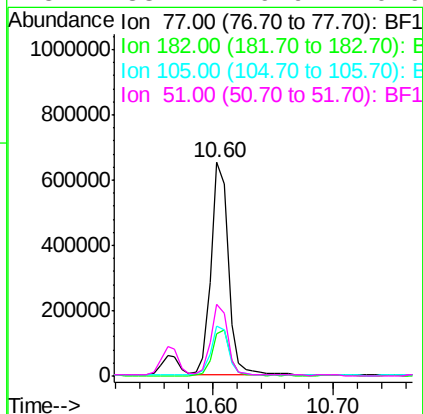
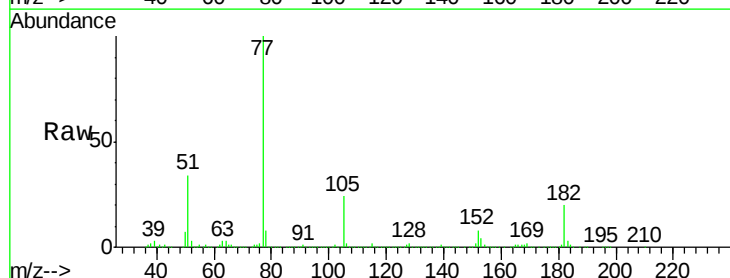
Instrument :
BNA_F
ClientSampleId :

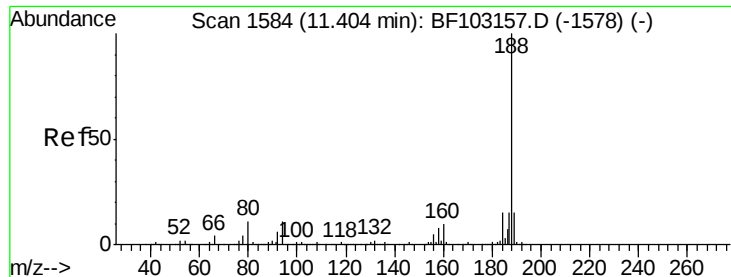
Tot Ion:138 Resp: 165870
Ion Ratio Lower Upper
138 100
92 52.3 30.2 70.2
108 70.7 52.5 92.5



#62
Azobenzene
Concen: 37.853 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion: 77 Resp: 645054
Ion Ratio Lower Upper
77 100
182 19.6 1.7 41.7
105 23.7 3.0 43.0
51 33.7 9.9 49.9

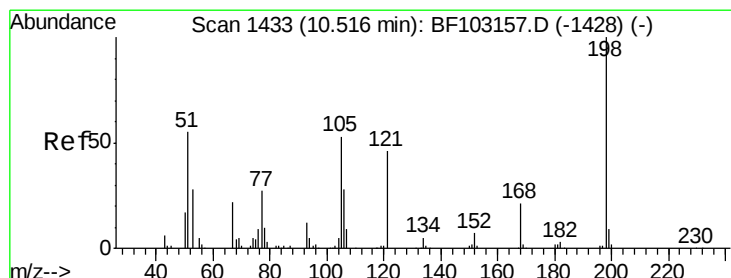
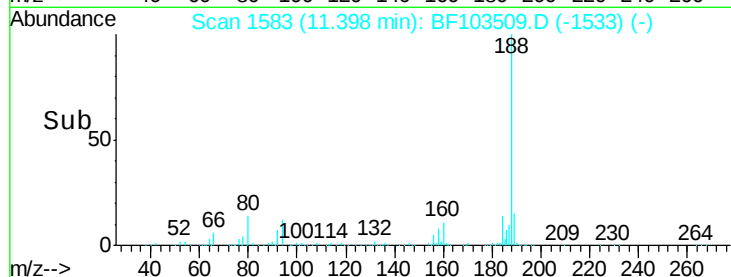
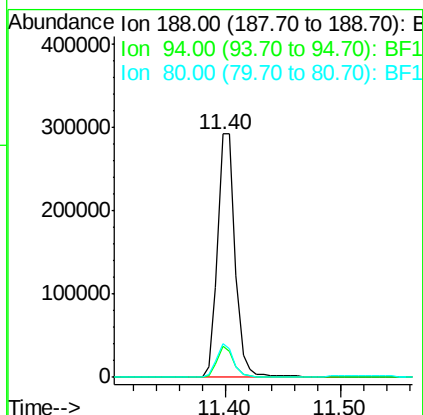
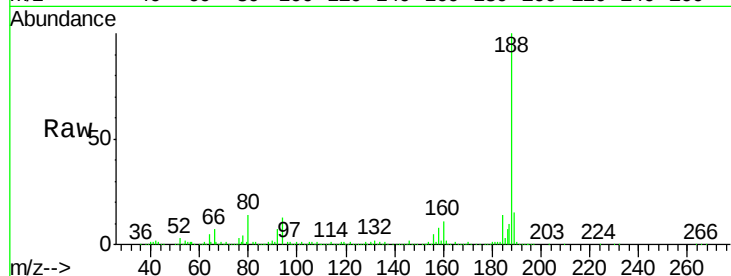




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

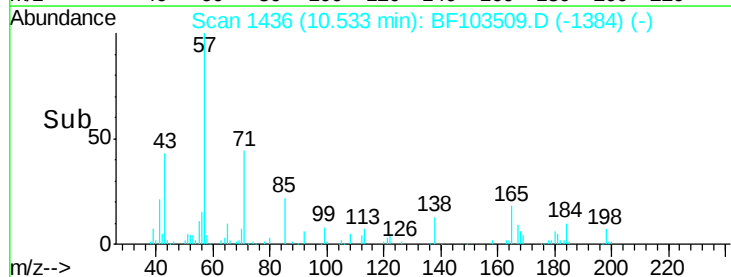
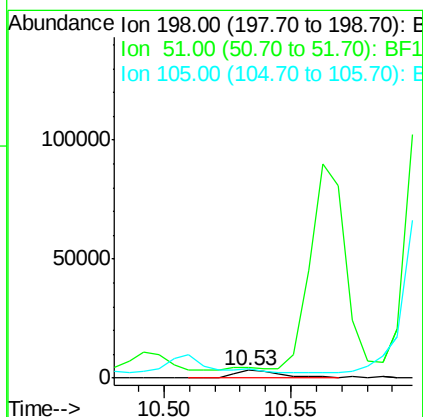
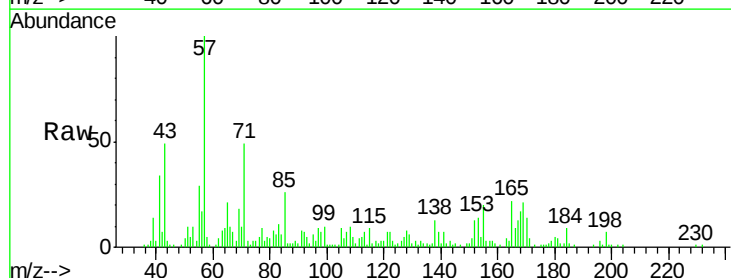
Instrument :
BNA_F
ClientSampleId :

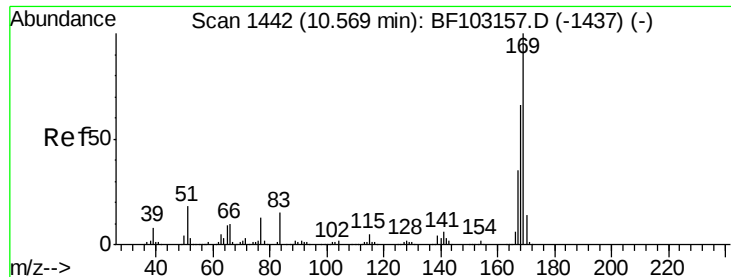
Tot Ion:188 Resp: 313150
Ion Ratio Lower Upper
188 100
94 12.9 8.5 12.7#
80 14.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.990 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:198 Resp: 4344
Ion Ratio Lower Upper
198 100
51 134.7 37.7 77.7#
105 117.6 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 46.433 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

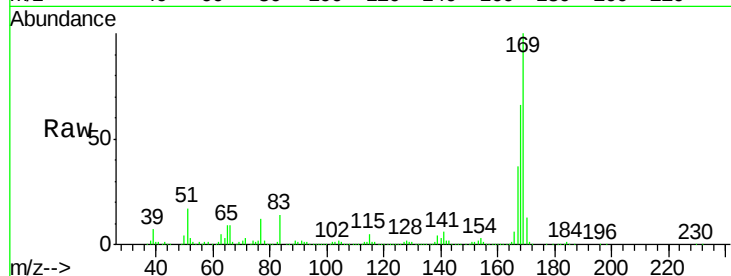
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 506279

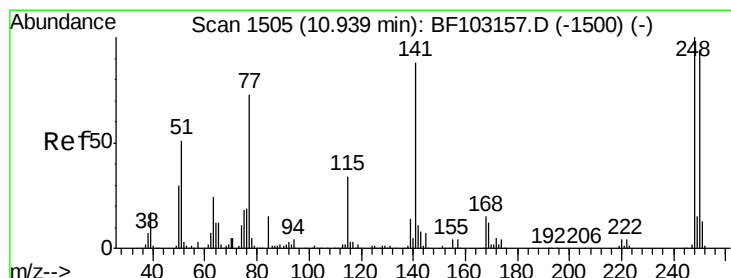
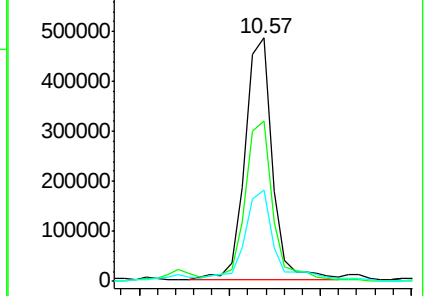
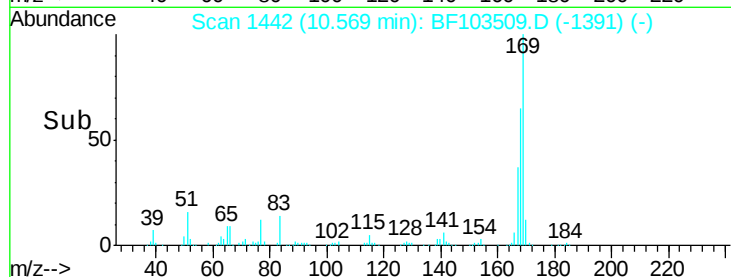
Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.4	81.6
167	37.3	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.523 ng

RT: 10.93 min Scan# 1504

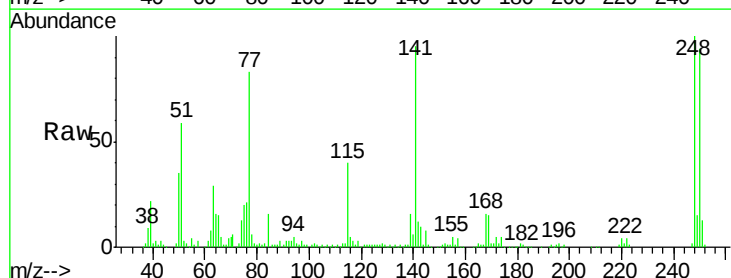
Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Tgt Ion:248 Resp: 138714

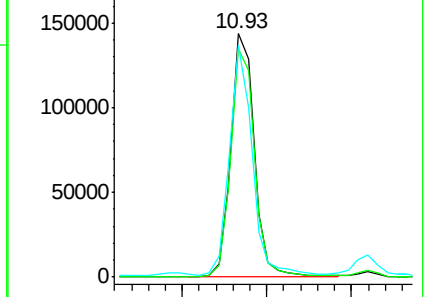
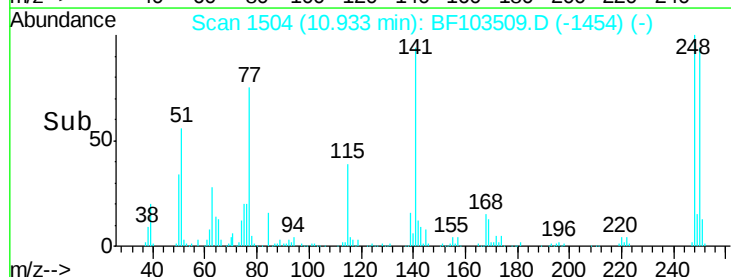
Ion	Ratio	Lower	Upper
248	100		
250	93.7	76.9	115.3
141	95.1	74.4	111.6

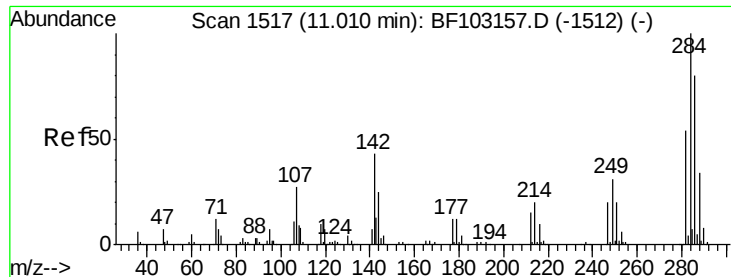


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.966 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

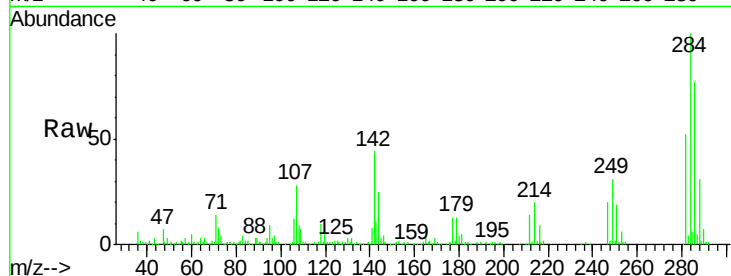
Tot Ion:284 Resp: 137964

Ion Ratio Lower Upper

284 100

142 44.2 34.6 52.0

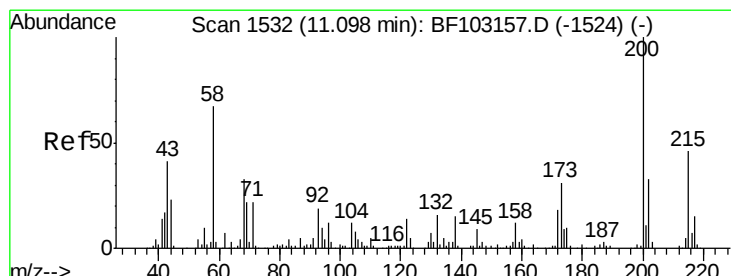
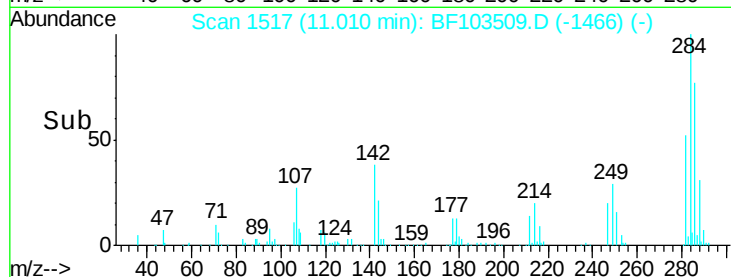
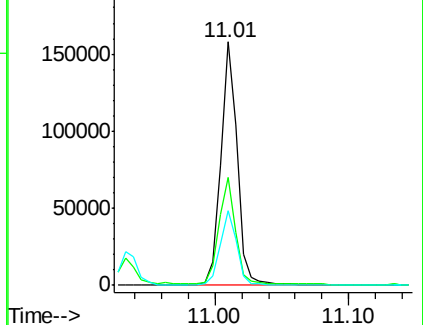
249 30.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.224 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

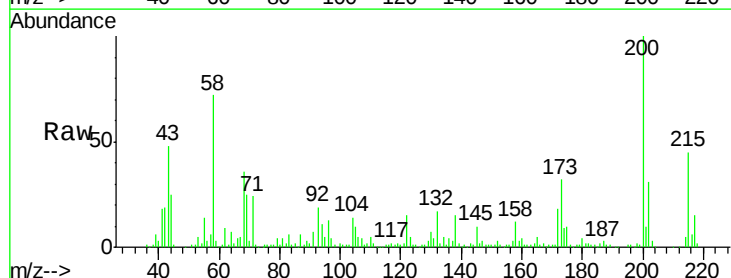
Tgt Ion:200 Resp: 112159

Ion Ratio Lower Upper

200 100

173 31.6 8.6 48.6

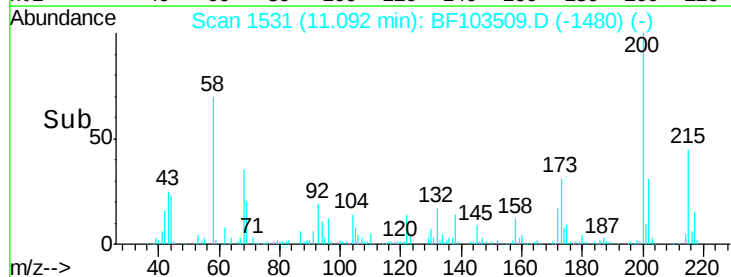
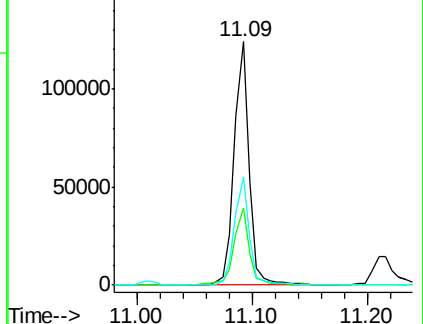
215 44.5 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

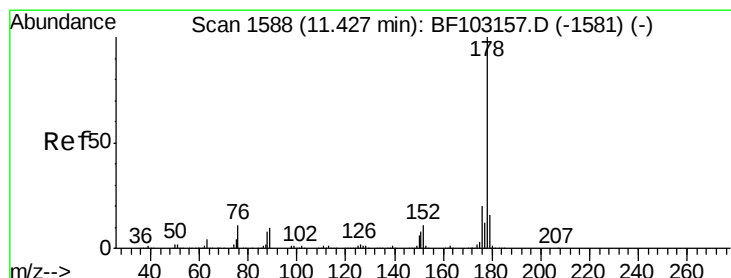
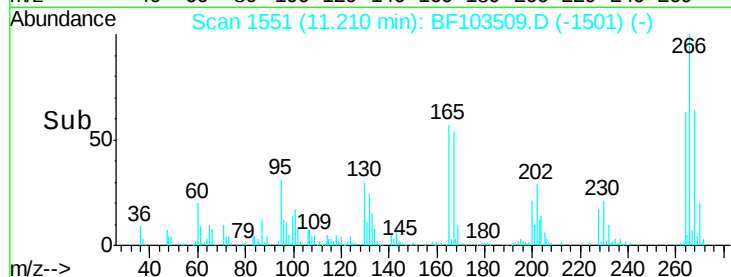
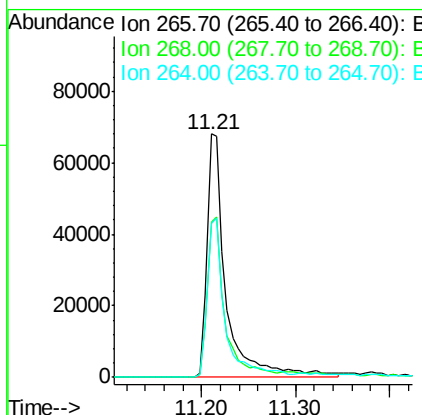
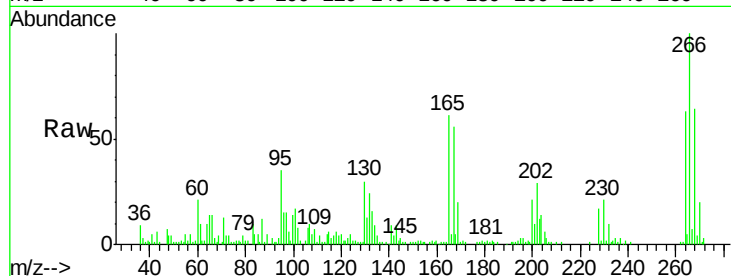




#69
 Pentachlorophenol
 Concen: 57.013 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

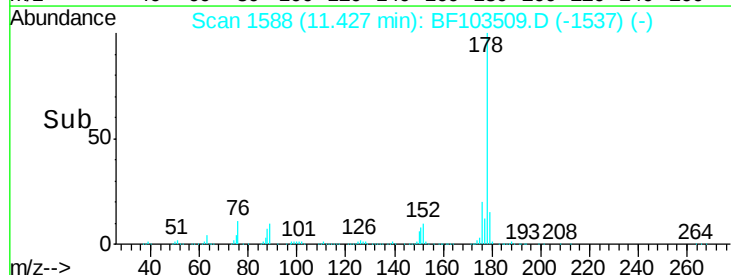
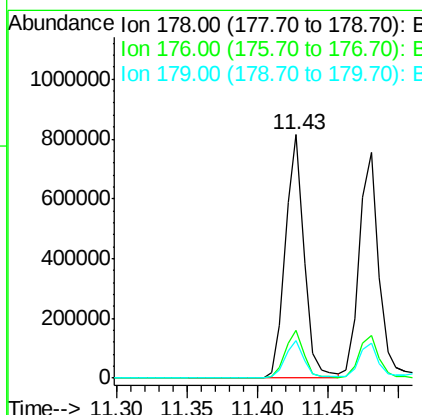
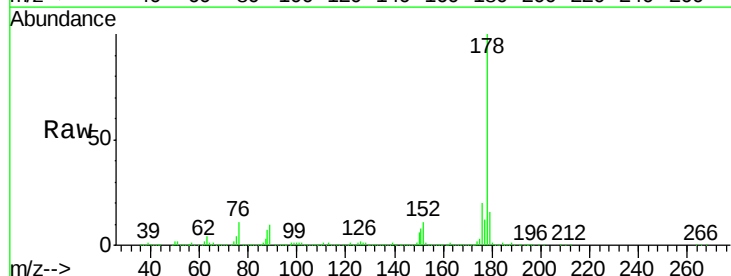
Instrument :
 BNA_F
 ClientSampled :

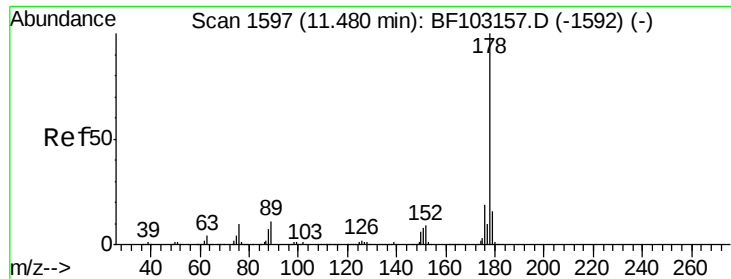
Tot Ion:266 Resp: 97605
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 43.736 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:178 Resp: 753723
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 13.0 19.6

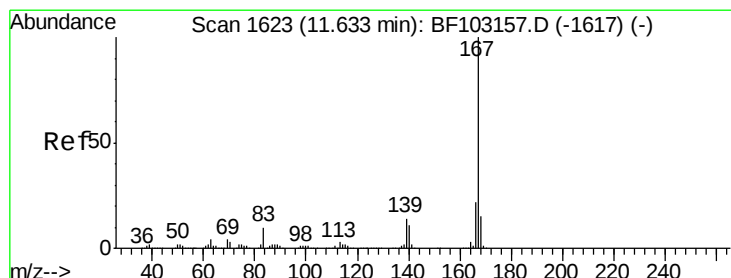
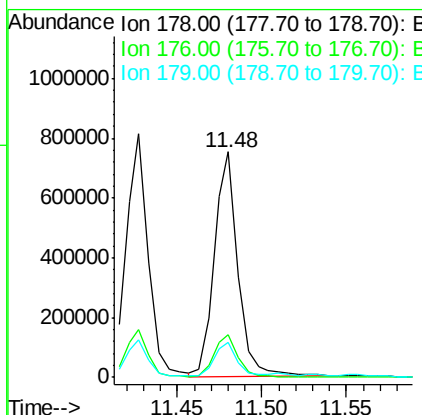
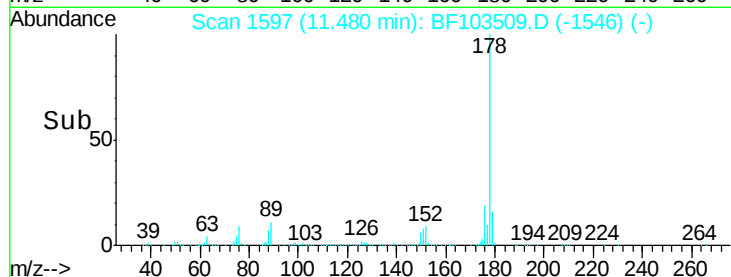
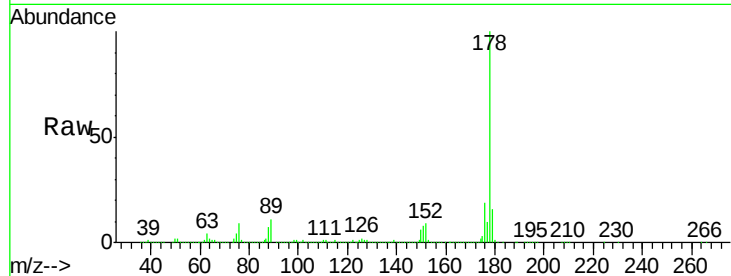




#71
 Anthracene
 Concen: 41.403 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

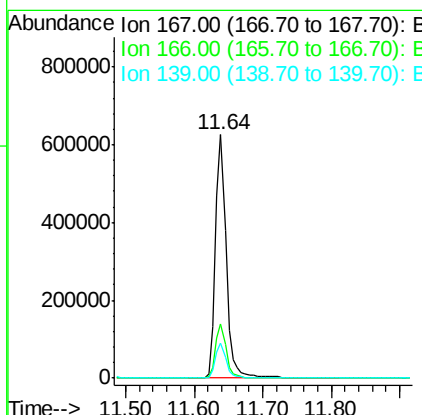
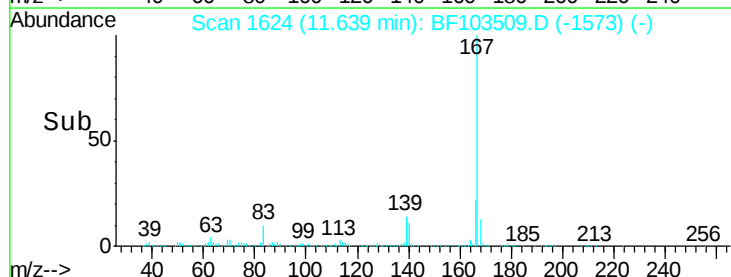
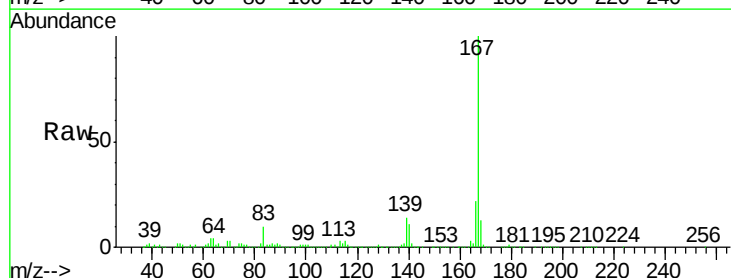
Instrument :
 BNA_F
 ClientSampleId :

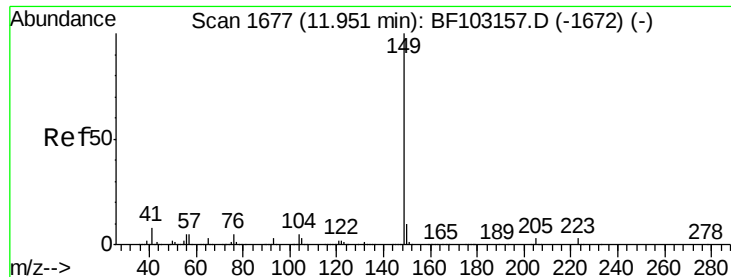
Tot Ion:178 Resp: 731666
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.727 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:167 Resp: 663936
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.751 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

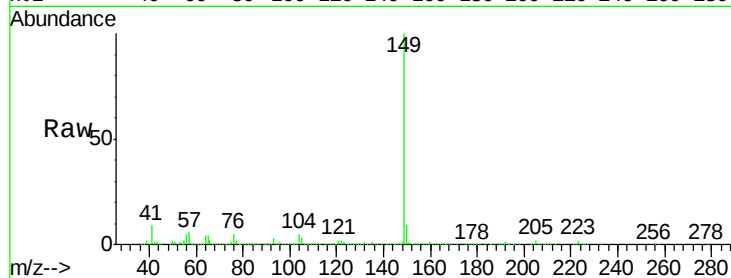
Tot Ion:149 Resp: 919392

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

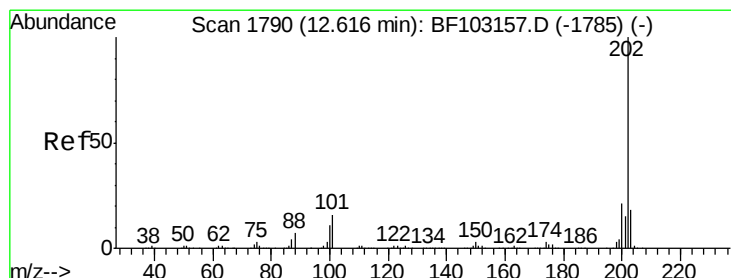
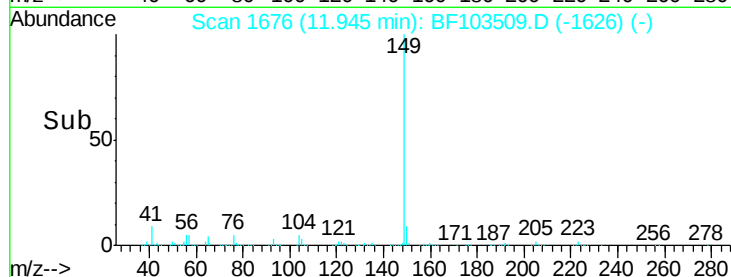
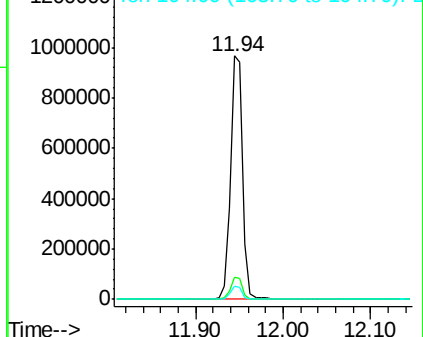
104 5.4 3.8 5.8



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: 49.981 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

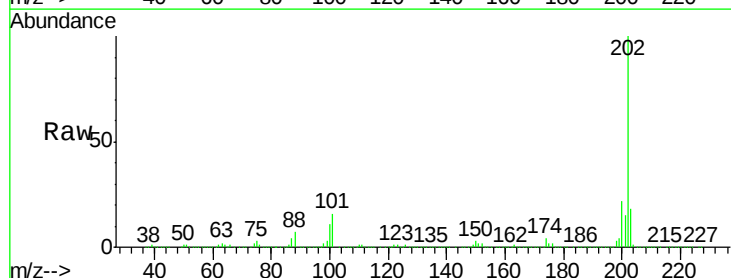
Tgt Ion:202 Resp: 865571

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

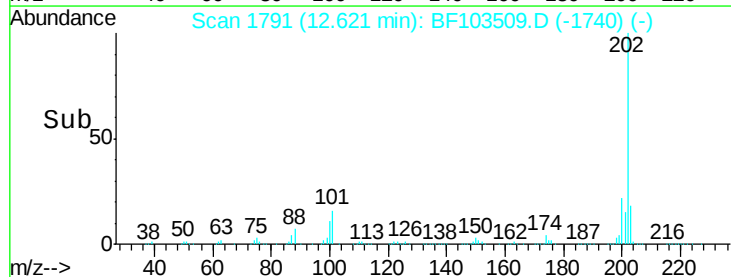
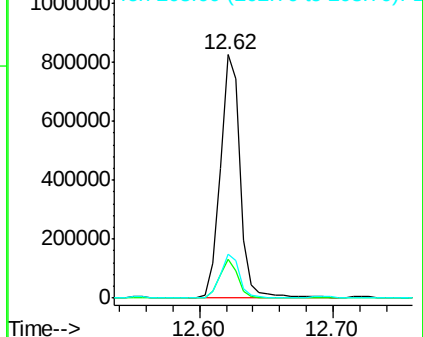
203 18.2 0.0 38.1

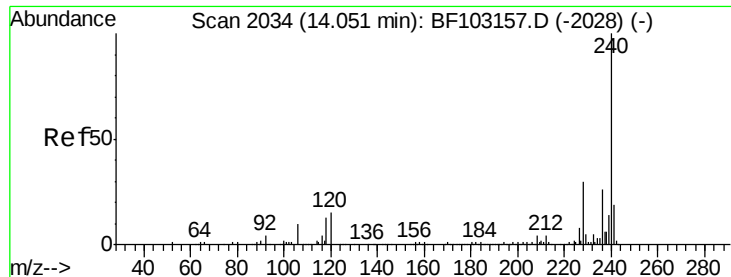


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

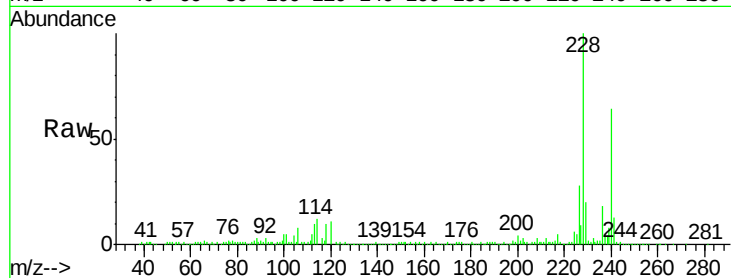
Tot Ion:240 Resp: 193585

Ion Ratio Lower Upper

240 100

120 17.5 9.5 14.3#

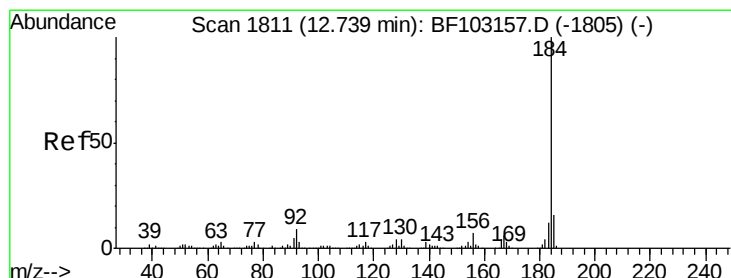
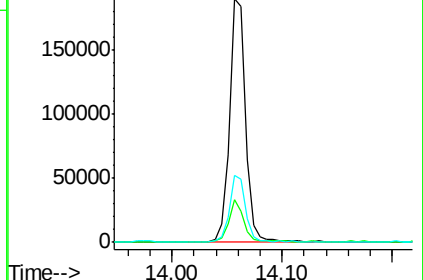
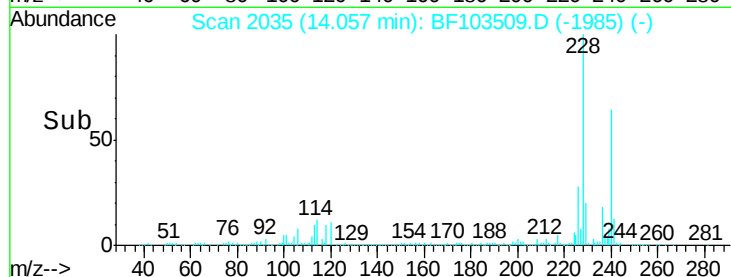
236 27.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.040 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

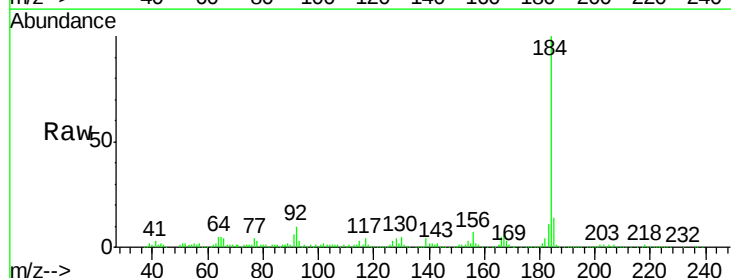
Tgt Ion:184 Resp: 260832

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

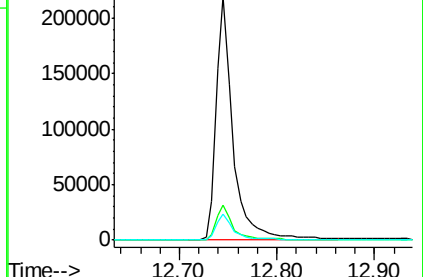
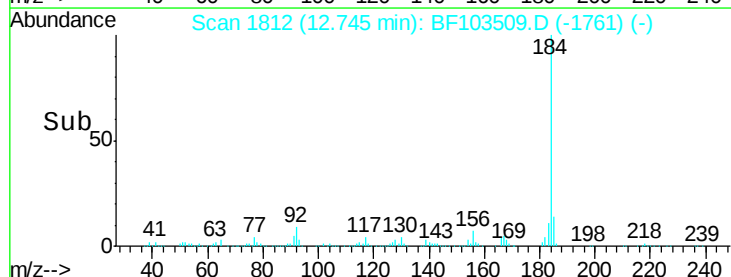
183 10.7 9.3 13.9

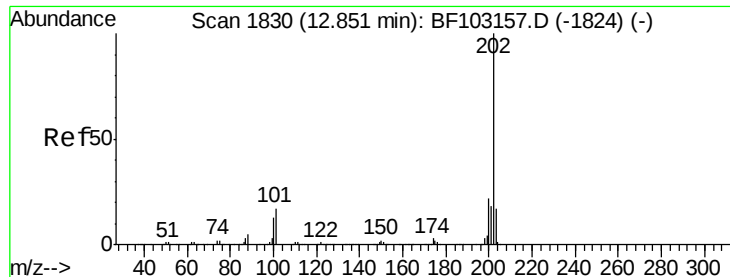


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

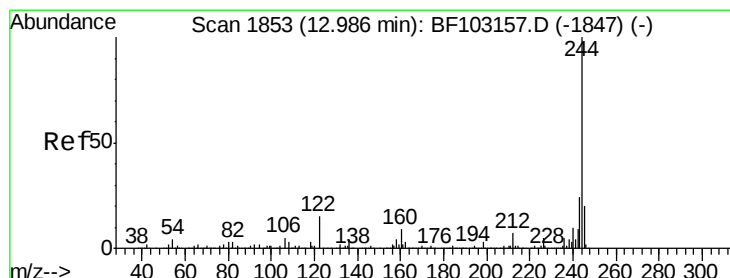
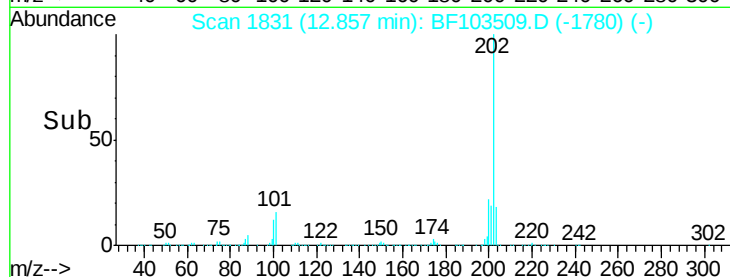
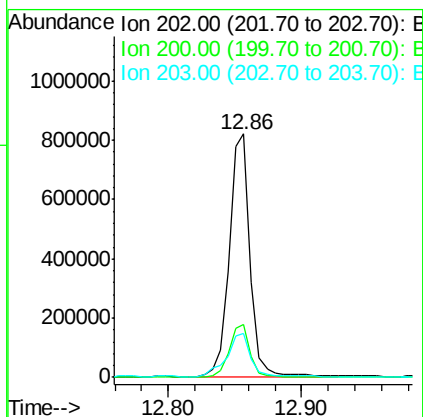
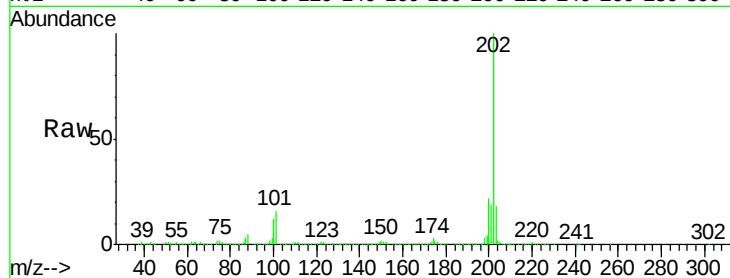




#77
Pvrene
Concen: 59.574 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

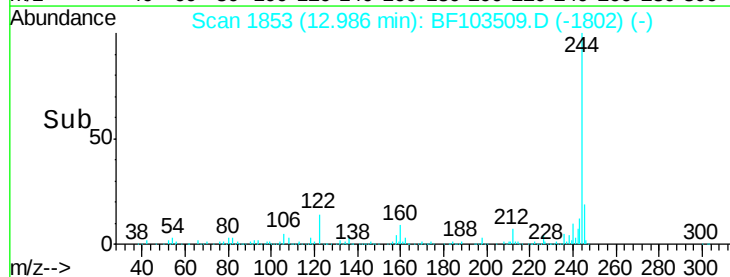
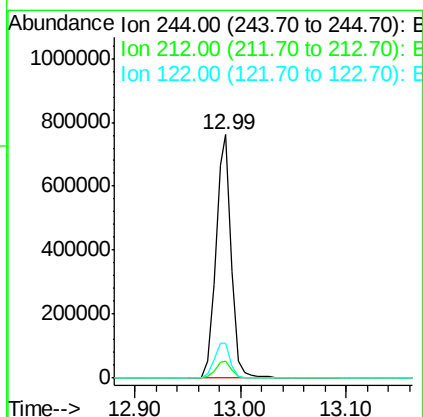
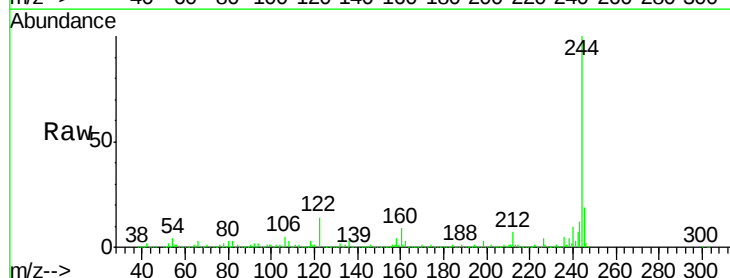
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 899162
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 97.172 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:244 Resp: 782532
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.2 11.0 16.4

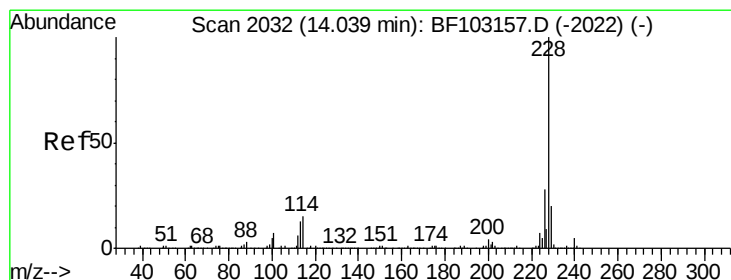
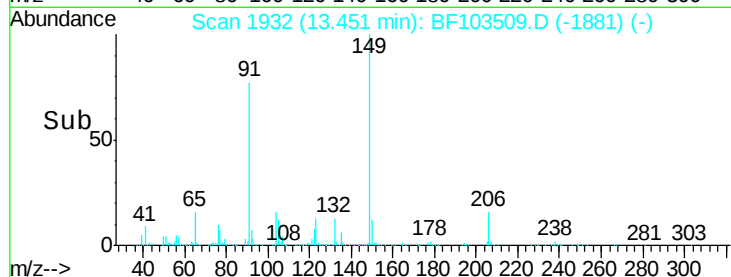
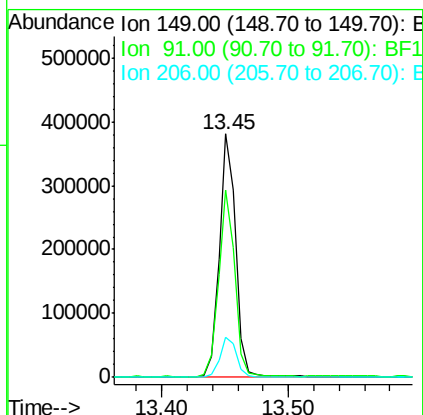
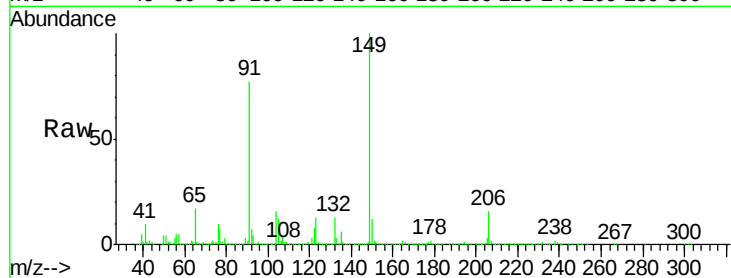




#79
Butylbenzylphthalate
Concen: 43.180 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

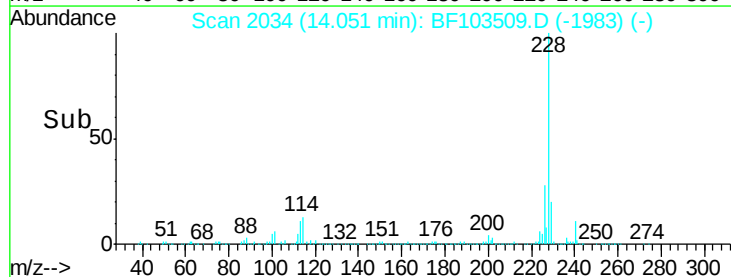
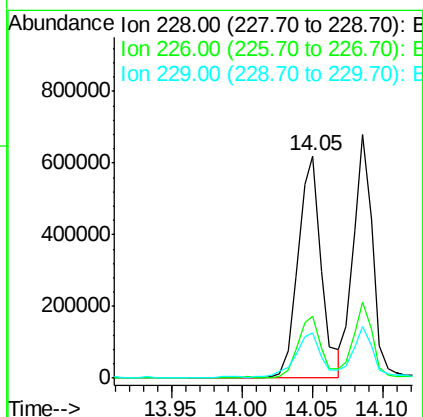
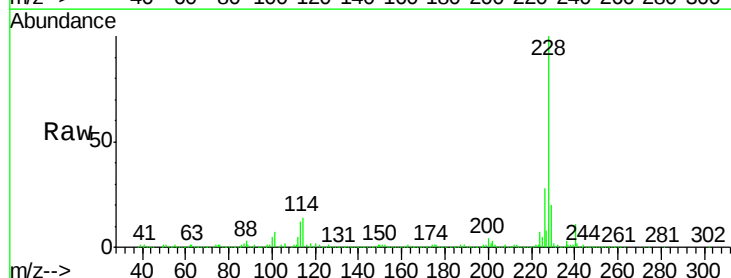
Instrument :
BNA_F
ClientSampleId :

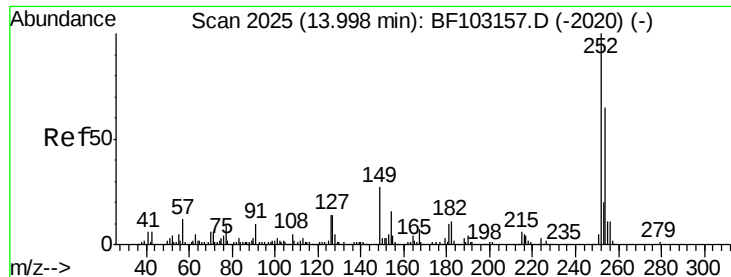
Tot Ion:149 Resp: 344330
Ion Ratio Lower Upper
149 100
91 77.0 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 56.150 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:228 Resp: 705276
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 36.265 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

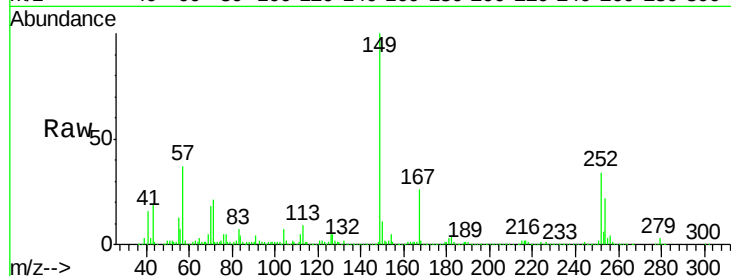
Tot Ion:252 Resp: 162563

Ion Ratio Lower Upper

252 100

254 63.4 50.4 75.6

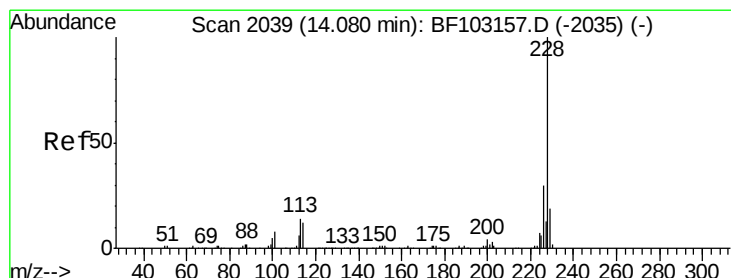
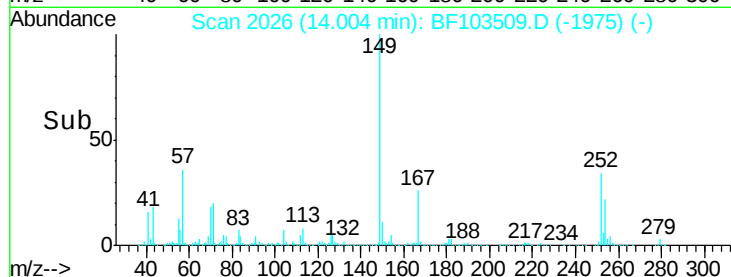
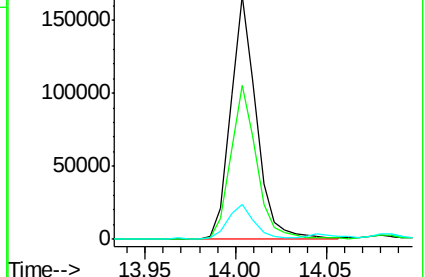
126 14.2 11.3 16.9



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: 53.194 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

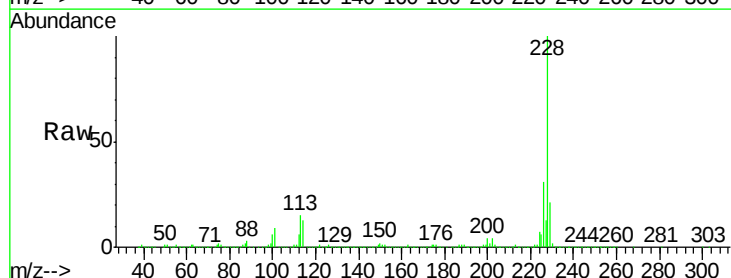
Tgt Ion:228 Resp: 648755

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

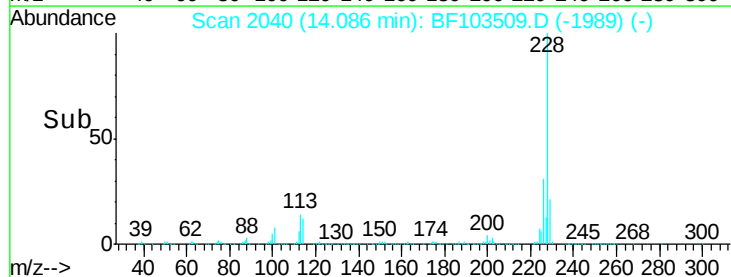
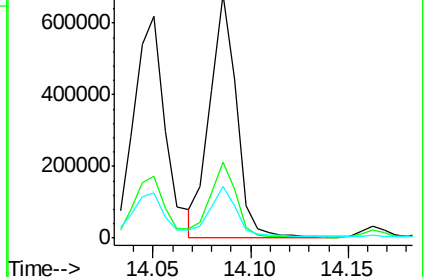
229 21.0 16.2 24.4

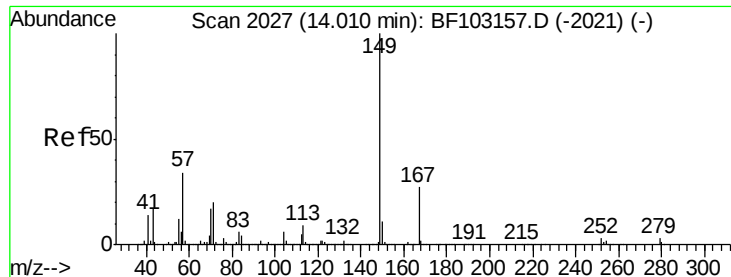


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

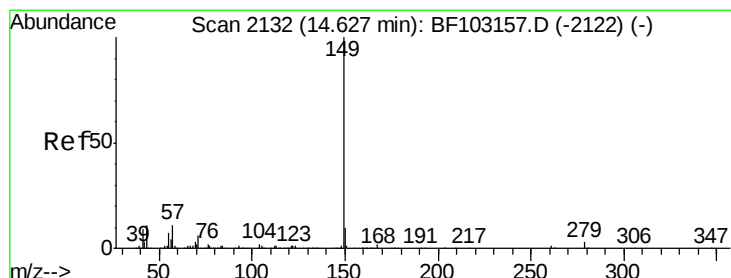
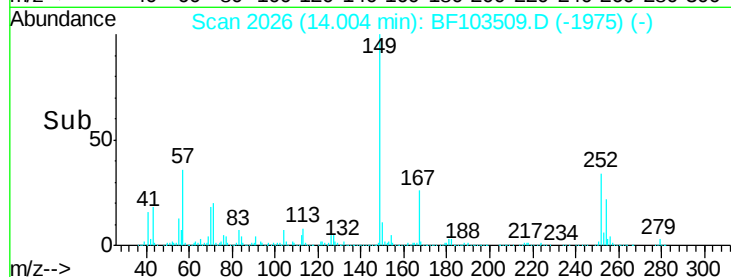
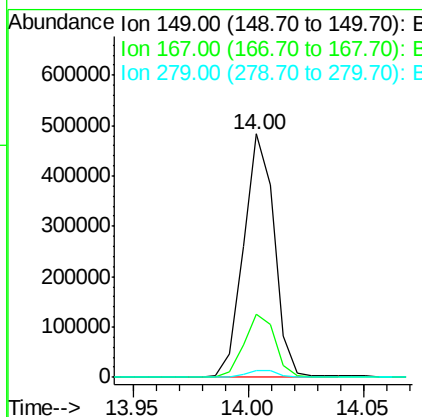
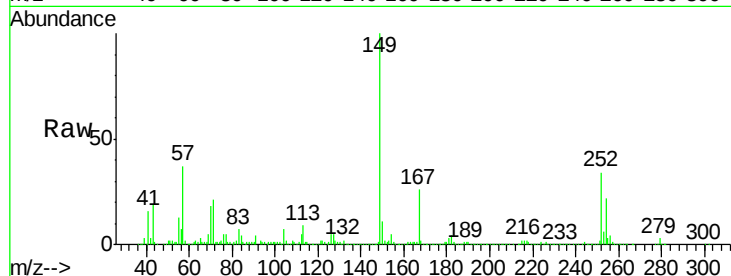




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.667 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

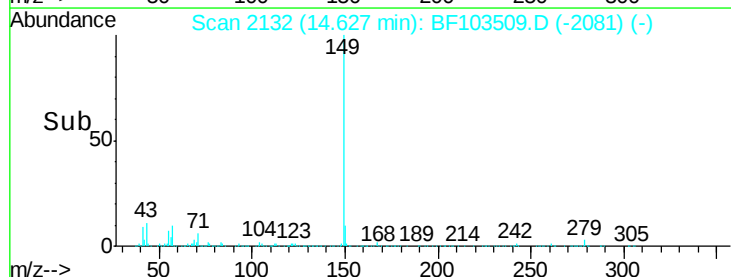
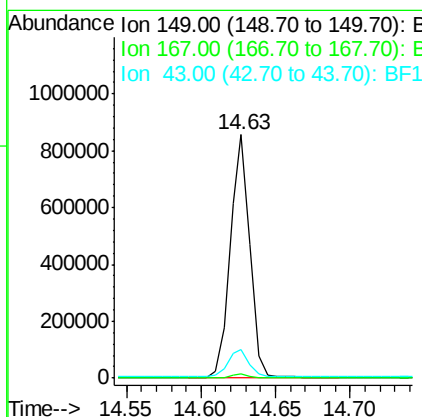
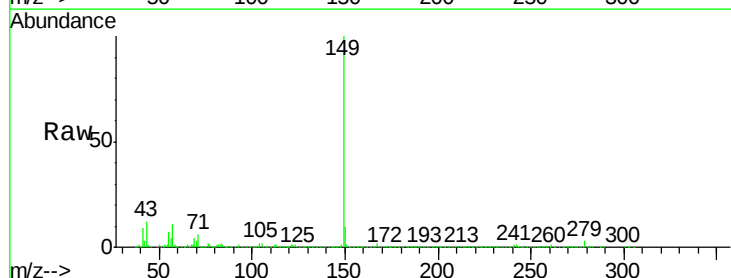
Instrument :
 BNA_F
 ClientSampleId :

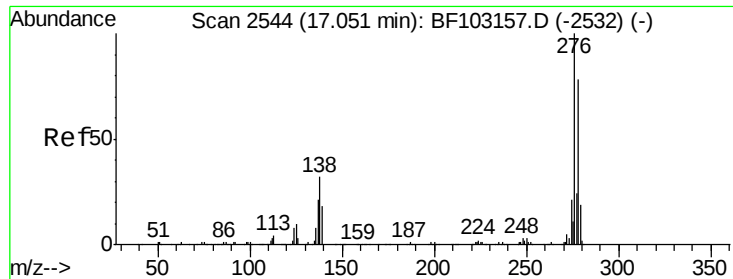
Tot Ion:149 Resp: 448381
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 45.529 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:149 Resp: 791582
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.0 8.4 12.6

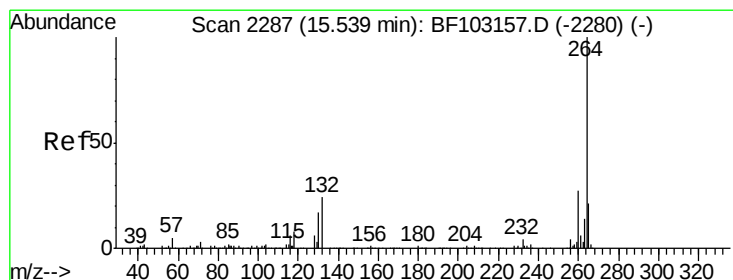
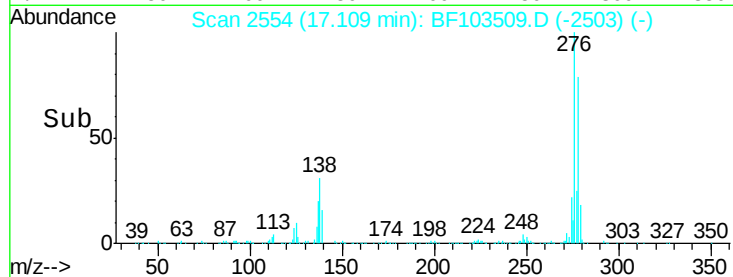
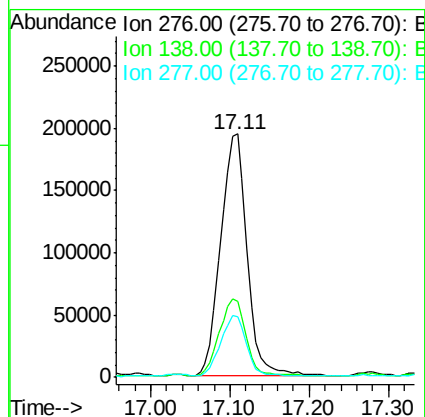
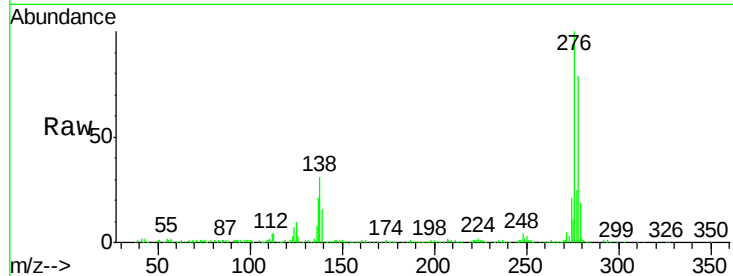




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.348 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

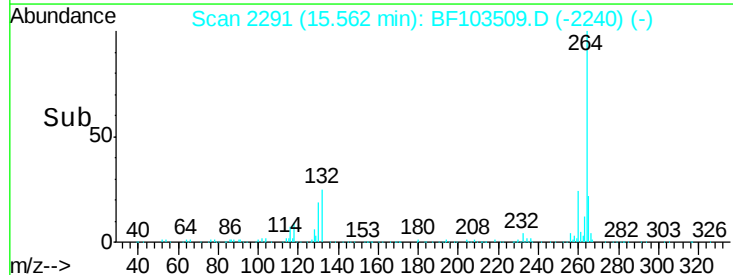
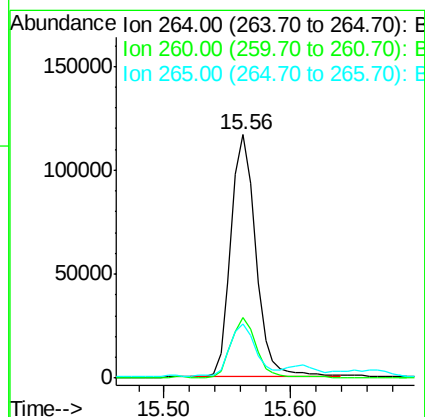
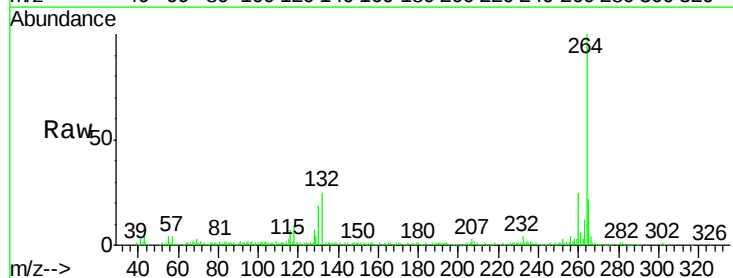
Instrument :
 BNA_F
 ClientSampleId :

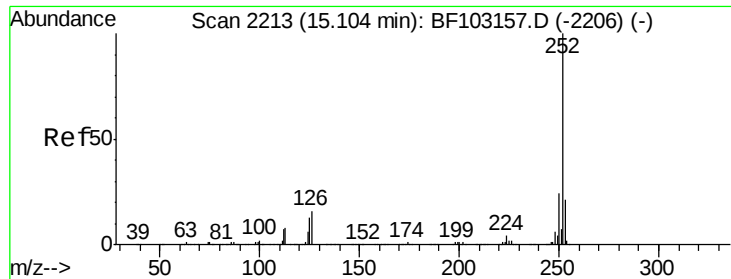
Tot Ion:276 Resp: 447498
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BF103509.D
 Acq: 7 Mar 2018 18:53

Tgt Ion:264 Resp: 159271
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 64.080 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

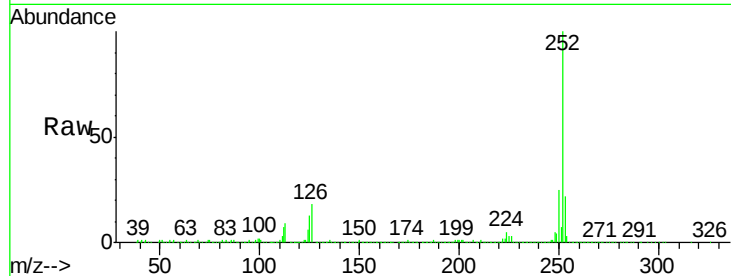
Tot Ion:252 Resp: 671036

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

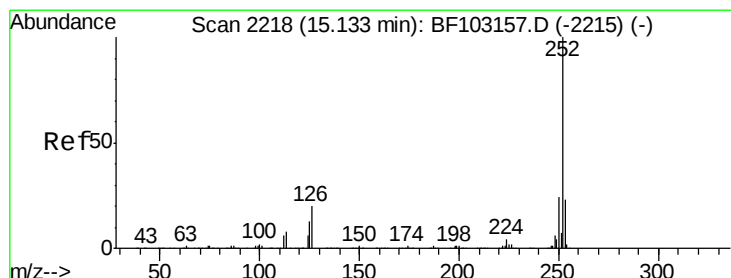
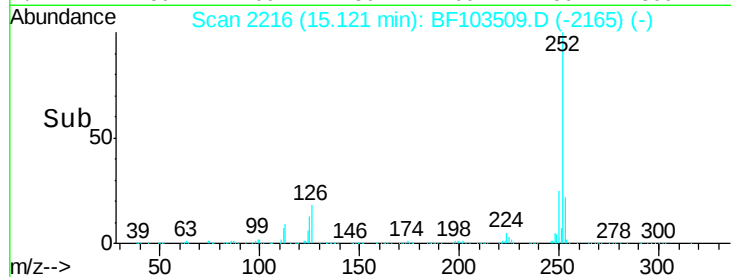
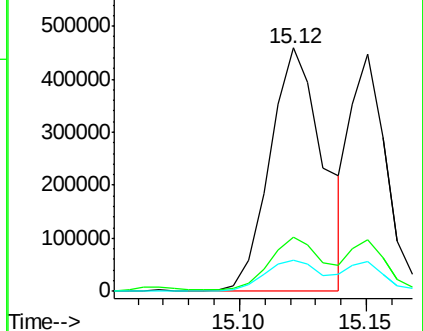
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.103 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

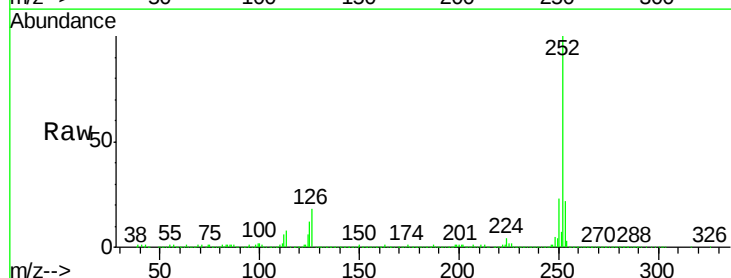
Tgt Ion:252 Resp: 444759

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

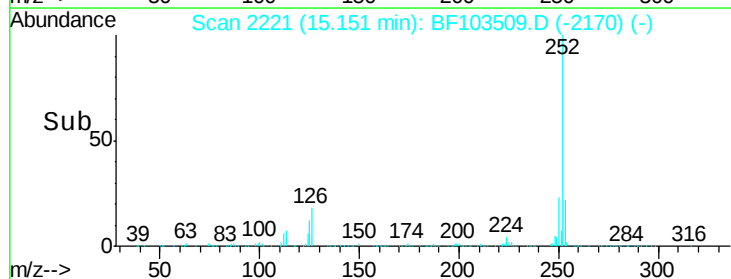
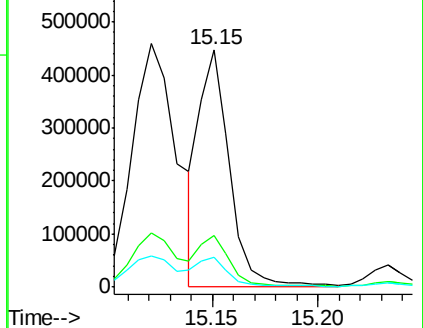
125 12.5 10.2 15.2

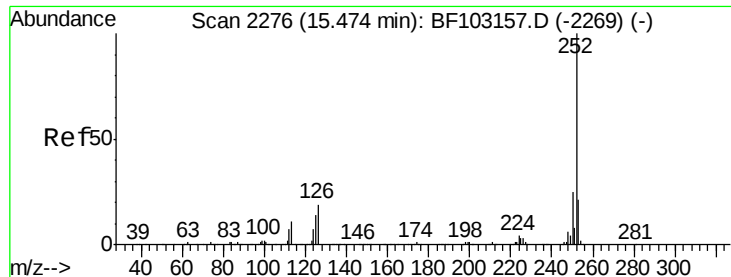


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

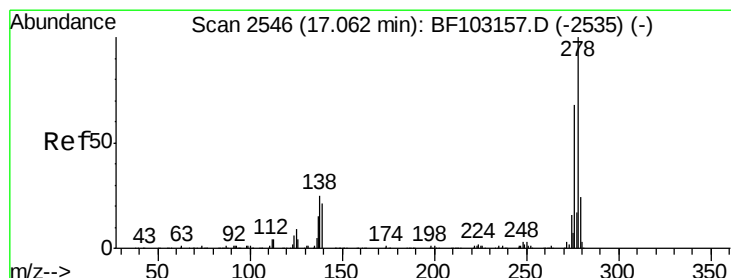
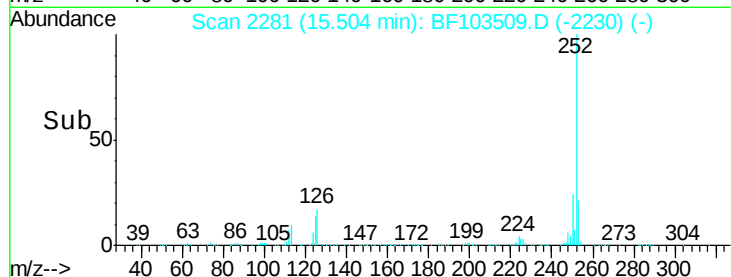
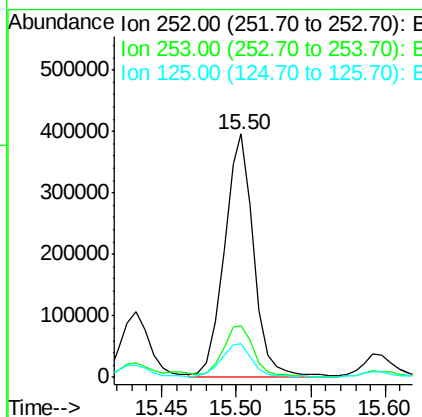
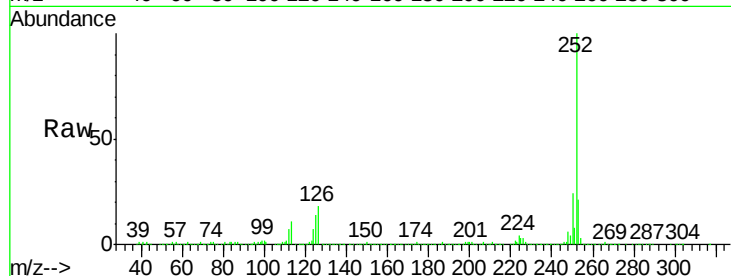




#89
Benzo(a)pyrene
Concen: 57.674 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

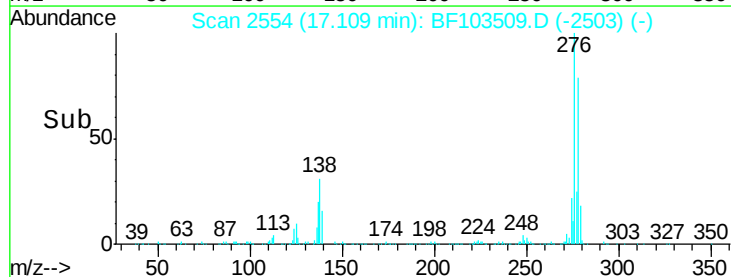
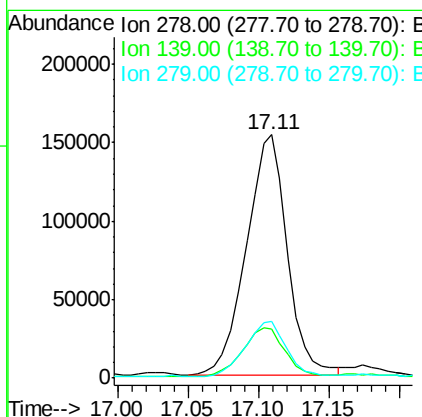
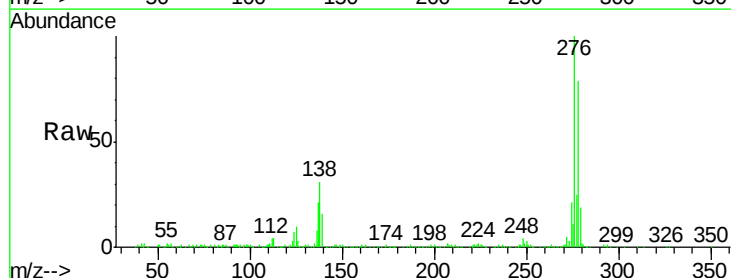
Instrument :
BNA_F
ClientSampleId :

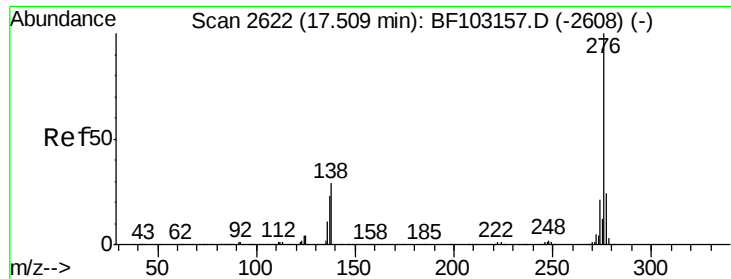
Tot Ion:252 Resp: 539339
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 13.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.074 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BF103509.D
Acq: 7 Mar 2018 18:53

Tgt Ion:278 Resp: 311249
Ion Ratio Lower Upper
278 100
139 20.4 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 56.500 ng

RT: 17.57 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BF103509.D

Acq: 7 Mar 2018 18:53

Instrument :

BNA_F

ClientSampleId :

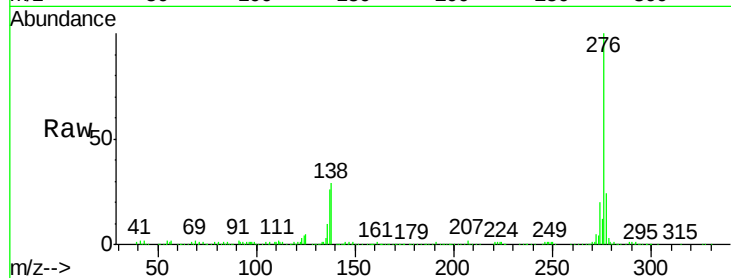
Tot Ion: 276 Resp: 399020

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 29.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

