

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105183.D
 Acq On : 9 May 2018 9:08
 Operator : JU/SJ
 Sample : J2754-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:44:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	224852	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	908447	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	449026	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	887603	20.00	ng	0.00
75) Chrysene-d12	14.00	240	740586	20.00	ng	-0.01
86) Perylene-d12	15.56	264	611740	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1636440	119.90	ng	0.02
7) Phenol-d6	6.42	99	1832641	112.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	1461739	109.05	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	734122	148.19	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2623624	90.69	ng	0.00
78) Terphenyl-d14	12.92	244	2728485	85.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	256	0.035	ng	# 20
4) n-Nitrosodimethylamine	3.22	42	707	0.072	ng	# 1
6) Aniline	6.56	93	2491	0.105	ng	# 1
8) 2-Chlorophenol	6.57	128	388	0.027	ng	# 1
9) Benzaldehyde	6.42	77	2835	0.228	ng	# 1
10) Phenol	6.42	94	497	0.027	ng	# 1
11) bis(2-Chloroethyl)ether	6.56	93	2491	0.167	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	140	0.008	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	140	0.008	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	140	0.009	ng	# 1
15) Benzyl Alcohol	6.95	79	23365	1.878	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	7.08	45	405	0.015	ng	# 70
17) 2-Methylphenol	6.95	107	131	0.010	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	200099	18.597	ng	# 84
20) 3+4-Methylphenols	6.95	107	131	0.009	ng	# 1
22) Acetophenone	7.19	105	2603	0.123	ng	# 86
24) Nitrobenzene	7.36	77	4471	0.294	ng	# 31
25) Isophorone	7.36	82	1456732	48.595	ng	# 64
28) bis(2-Chloroethoxy)methane	8.07	93	106	0.006	ng	# 1
31) Naphthalene	8.09	128	52401	1.198	ng	# 98
33) 4-Chloroaniline	8.09	127	6895	0.379	ng	# 27
35) Caprolactam	8.46	113	500	0.132	ng	# 75
37) 2-Methylnaphthalene	8.78	142	4403	0.144	ng	# 96
45) 1,1'-Biphenyl	9.25	154	9190	0.251	ng	# 95
47) 2-Nitroaniline	9.15	65	4726	6.327	ng	# 1
48) Acenaphthylene	9.68	152	525	0.012	ng	# 60
50) 2,6-Dinitrotoluene	9.82	165	58875	8.926	ng	# 25
51) Acenaphthene	9.86	154	931	0.034	ng	# 91
52) 3-Nitroaniline	9.93	138	157	0.023	ng	# 2
54) Dibenzofuran	10.03	168	2112	0.053	ng	# 87
55) 4-Nitrophenol	10.02	139	516	4.378	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	58875	9.817	ng	# 23
57) Fluorene	10.37	166	1376	0.047	ng	# 87
59) Diethylphthalate	10.25	149	6474	0.217	ng	# 94

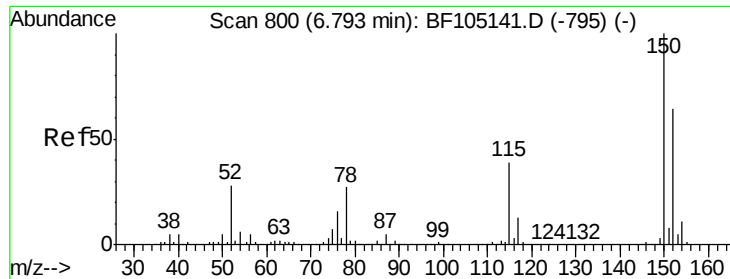
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105183.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
62) Azobenzene	10.62	77	2943	0.094	nq	#	1
64) 4,6-Dinitro-2-methylphenol	10.62	198	1258	9.162	nq	#	1
65) n-Nitrosodiphenylamine	10.62	169	18868	0.682	nq	#	45
66) 4-Bromophenyl-phenylether	10.62	248	41905	4.427	nq	#	1
70) Phenanthrene	11.33	178	4205	0.090	nq		95
71) Anthracene	11.39	178	542	0.011	nq	#	60
72) Carbazole	11.54	167	133	0.003	nq	#	59
73) Di-n-butylphthalate	11.87	149	6011	0.131	nq		99
74) Fluoranthene	12.52	202	499	0.010	nq		62
76) Benzydine	12.92	184	34520	1.248	nq		96
77) Pyrene	12.75	202	600	0.011	nq	#	57
79) Butylbenzylphthalate	13.40	149	111	6.904	nq	#	65
80) Benzo(a)anthracene	14.01	228	1620	0.036	nq	#	48
82) Chrysene	14.01	228	1620	0.035	nq	#	47
83) Bis(2-ethylhexyl)phthalate	14.00	149	524	0.024	nq	#	14
89) Benzo(a)pyrene	15.56	252	2119	0.062	nq	#	80

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampled :

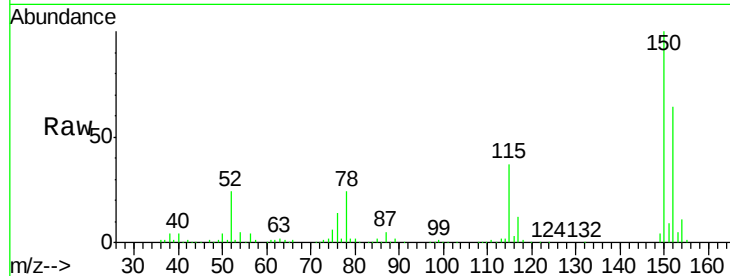
Tot Ion:152 Resp: 224852

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

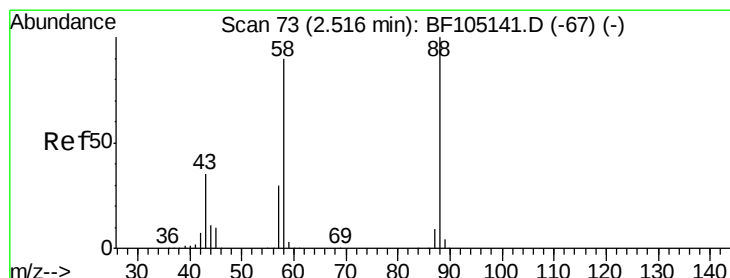
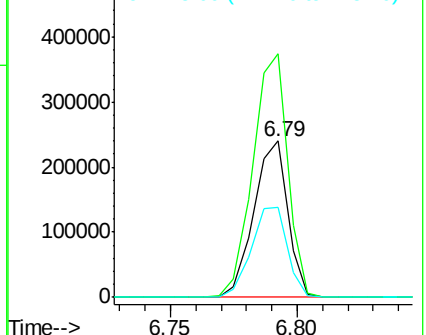
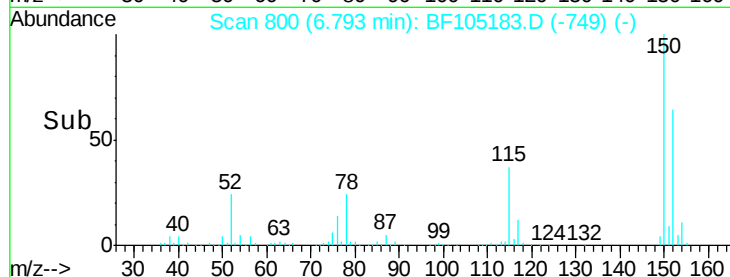
115 57.9 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.035 ng

RT: 2.52 min Scan# 73

Delta R.T. -0.00 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

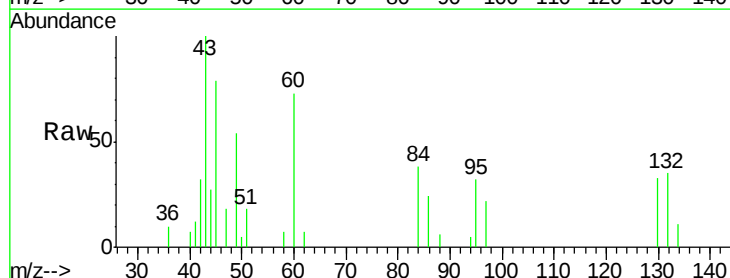
Tgt Ion: 88 Resp: 256

Ion Ratio Lower Upper

88 100

58 0.0 62.6 93.8#

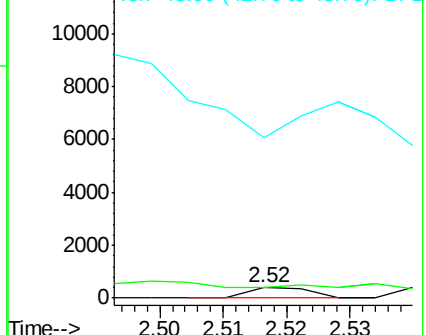
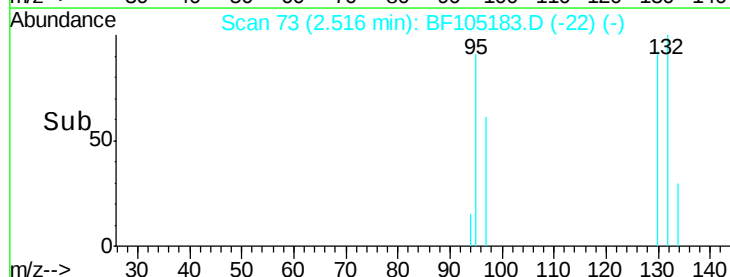
43 0.0 24.6 37.0#

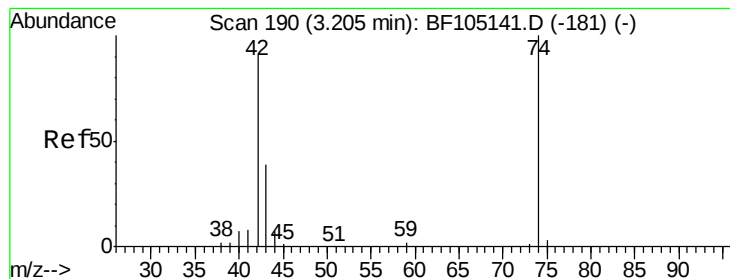


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



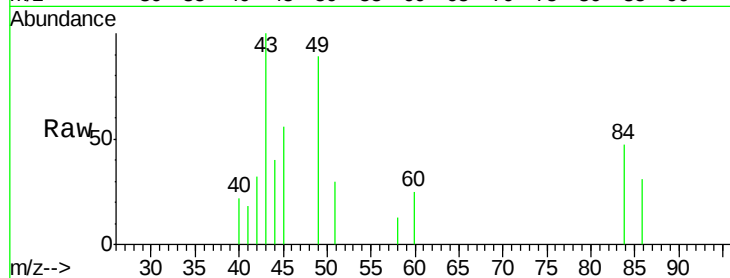


#4

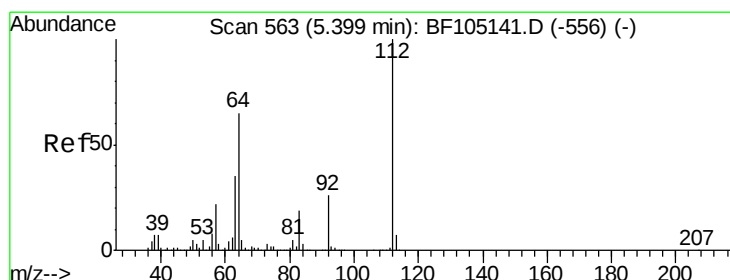
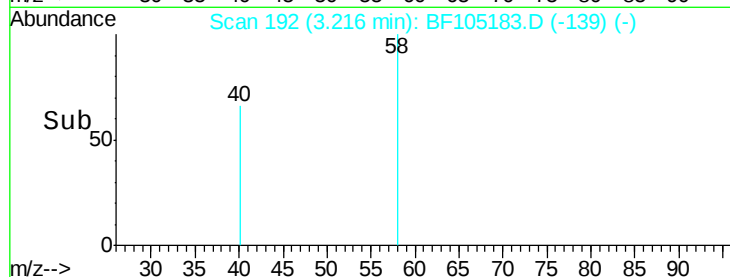
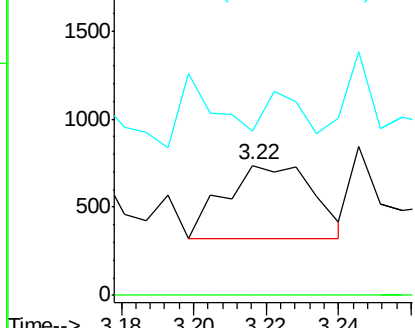
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 42 Resp: 707
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 126.9 6.9 10.3#



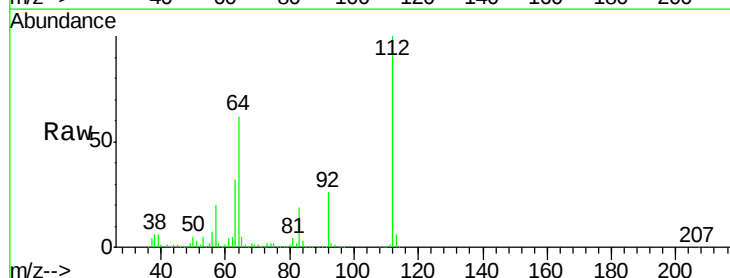
Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



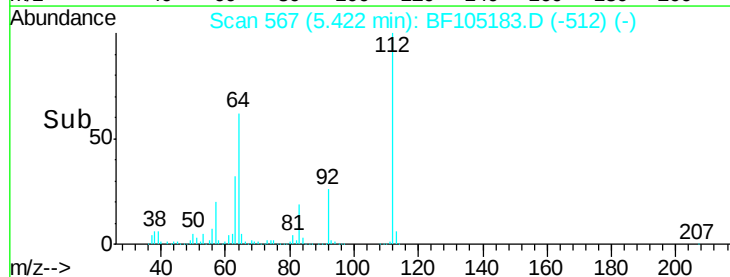
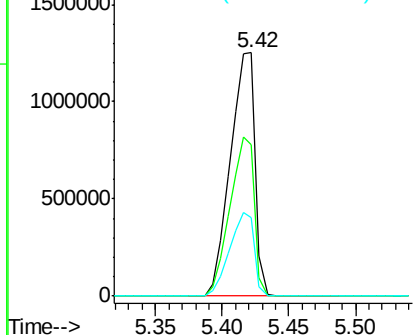
#5

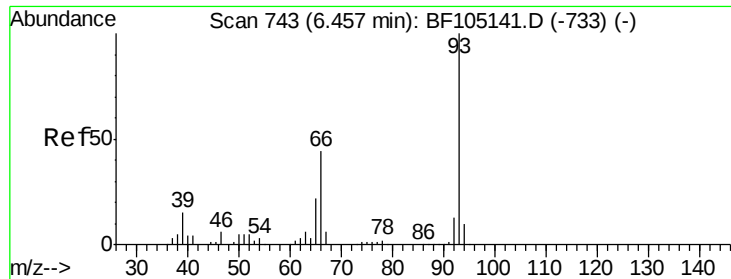
2-Fluorophenol
Concen: 119.898 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion: 112 Resp: 1636440
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.105 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.10 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

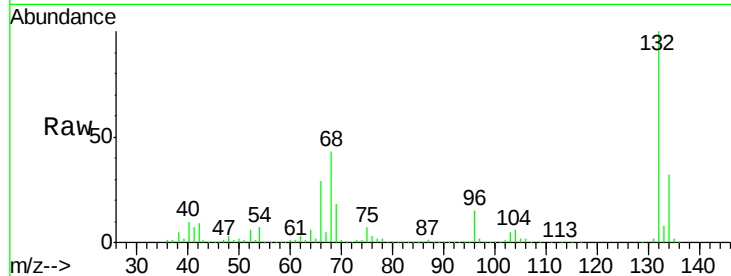
Tot Ion: 93 Resp: 2491

Ion Ratio Lower Upper

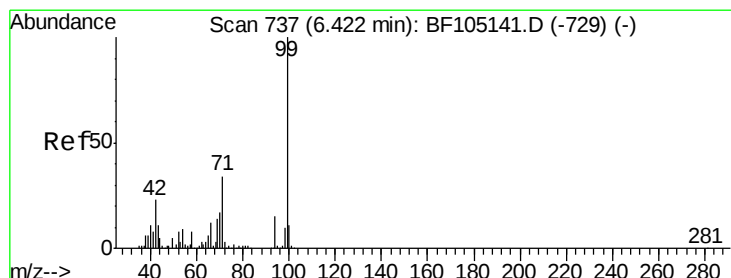
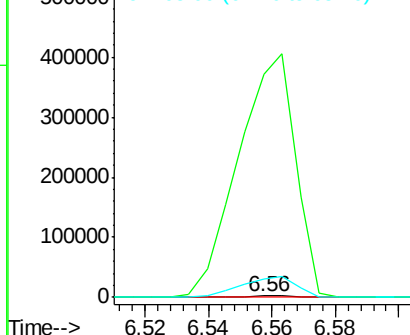
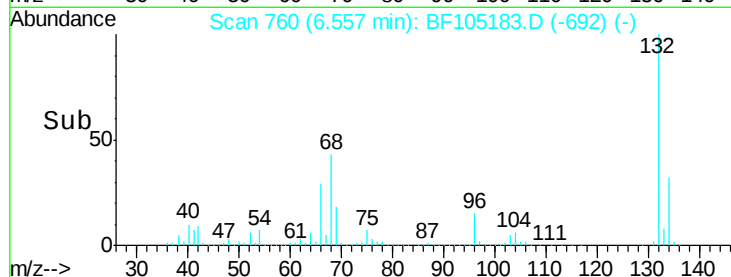
93 100

66 18709.4 32.2 48.2#

65 1504.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 112.768 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

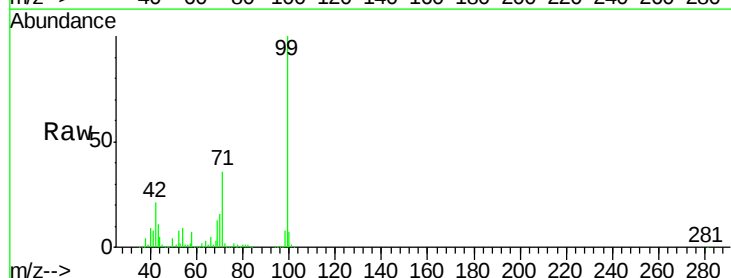
Tgt Ion: 99 Resp: 1832641

Ion Ratio Lower Upper

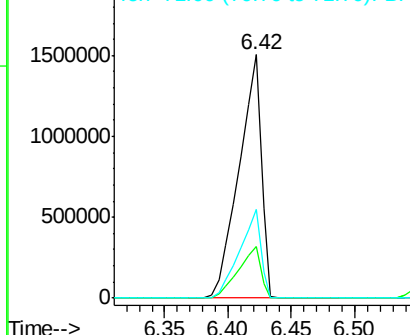
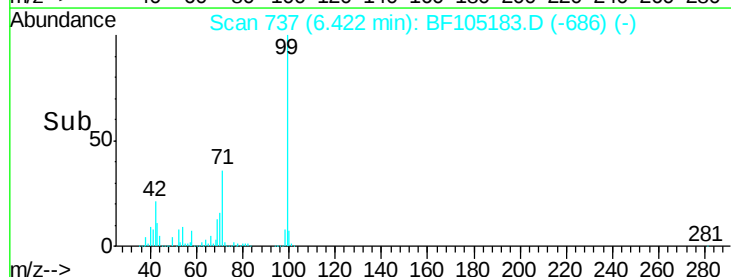
99 100

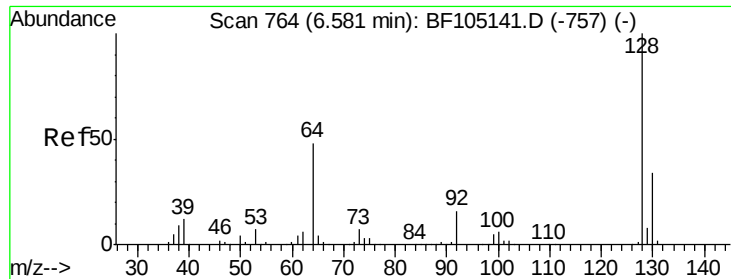
42 21.4 14.5 21.7

71 36.2 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

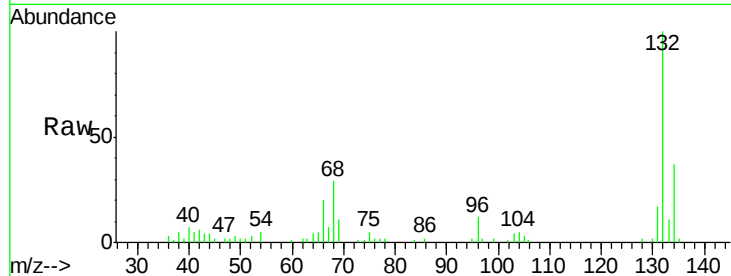




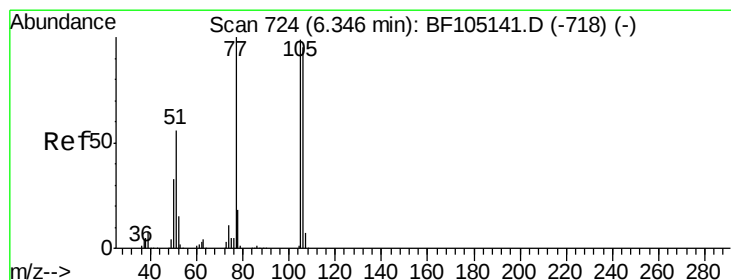
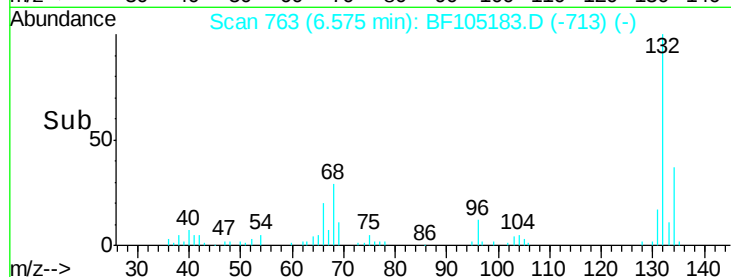
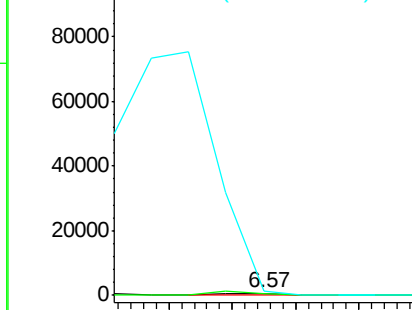
#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 388
Ion Ratio Lower Upper
128 100
130 86.3 13.0 53.0#
64 196.3 29.4 69.4#

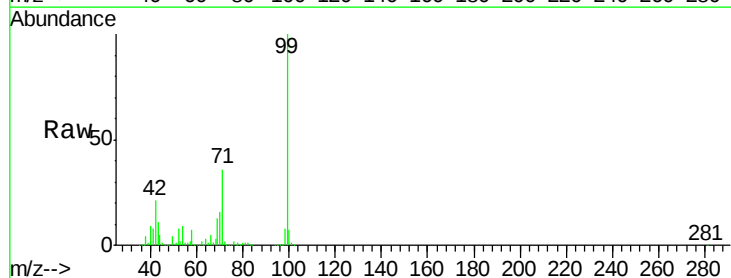


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

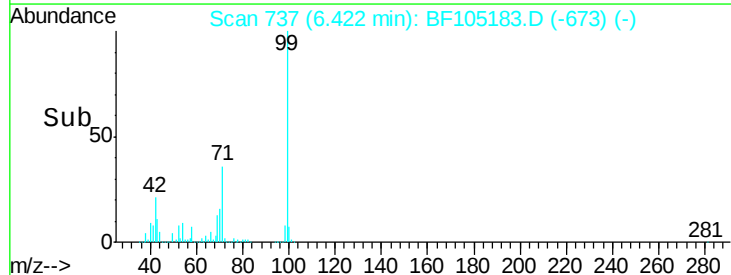
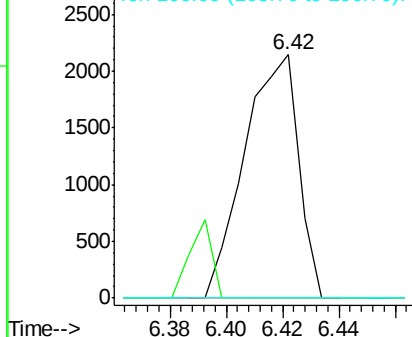


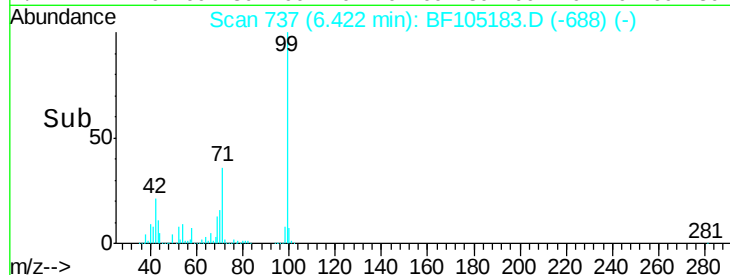
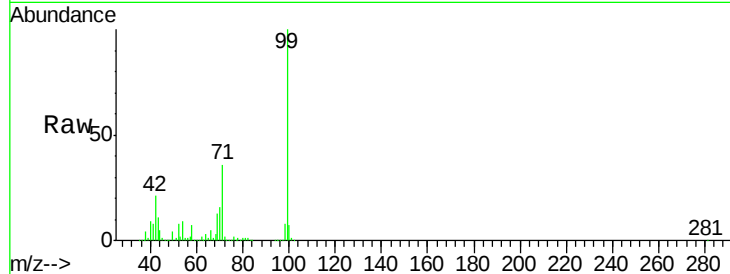
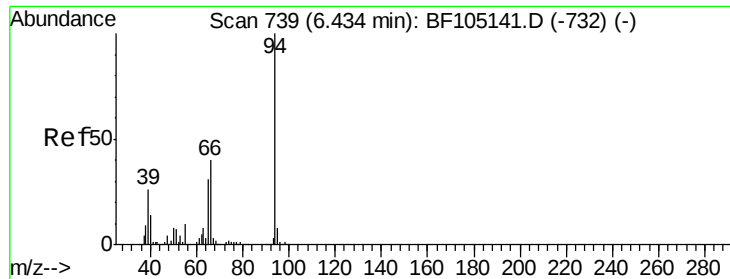
#9
Benzaldehyde
Concen: 0.228 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.08 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion: 77 Resp: 2835
Ion Ratio Lower Upper
77 100
105 0.0 81.1 121.1#
106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.027 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampled :

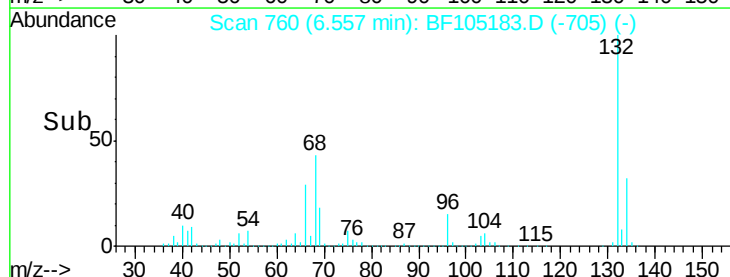
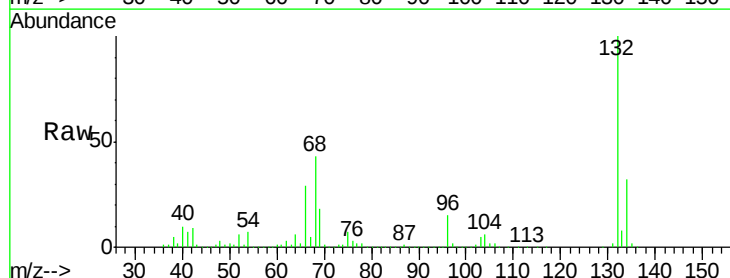
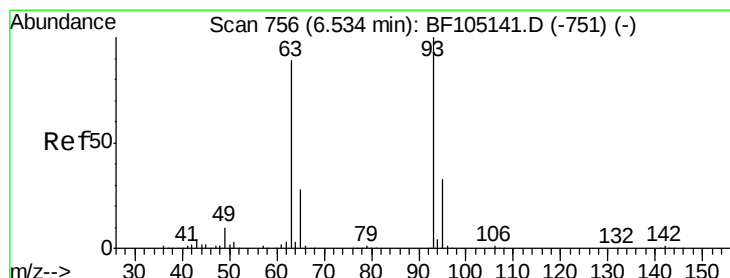
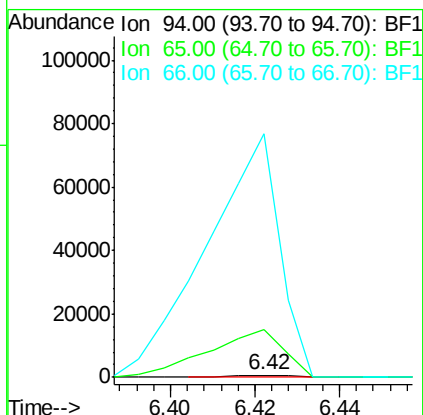
Tot Ion: 94 Resp: 497

Ion Ratio Lower Upper

94 100

65 2673.5 7.9 47.9#

66 13490.3 16.2 56.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.167 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

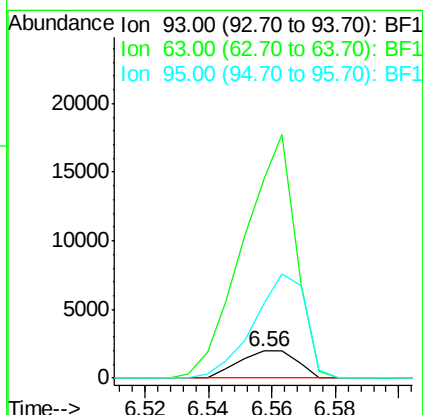
Tgt Ion: 93 Resp: 2491

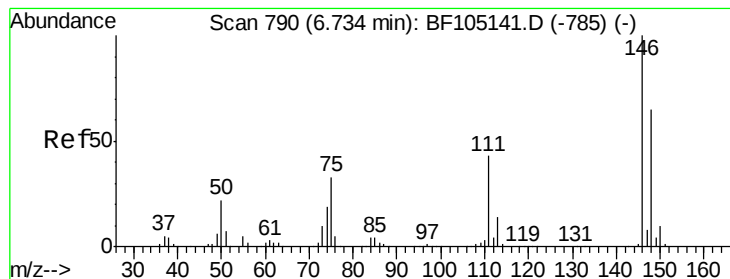
Ion Ratio Lower Upper

93 100

63 729.6 58.6 98.6#

95 273.2 11.8 51.8#





#12

1,3-Dichlorobenzene

Concen: 0.008 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.21 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampled :

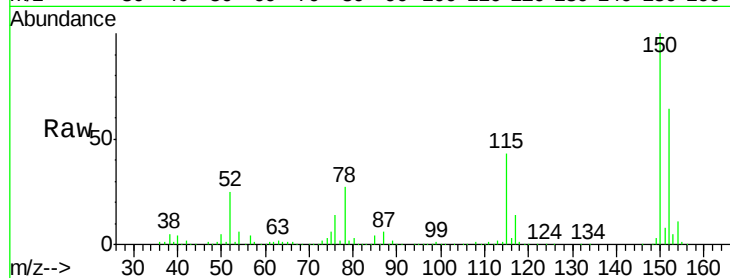
Tot Ion:146 Resp: 140

Ion Ratio Lower Upper

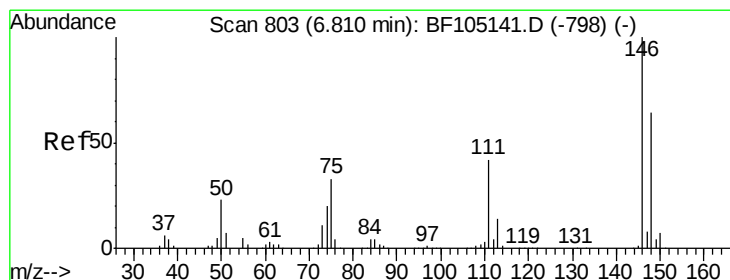
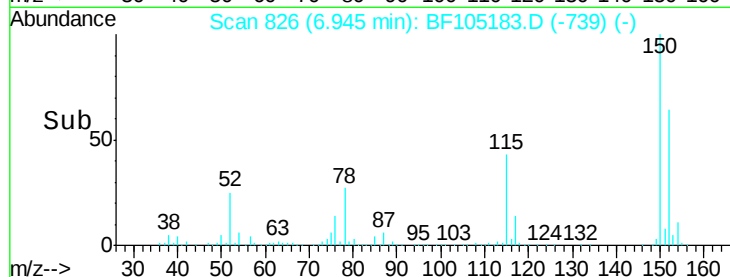
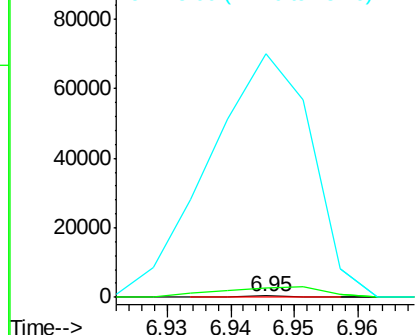
146 100

148 688.7 51.8 77.8#

75 17646.3 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 0.008 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.14 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

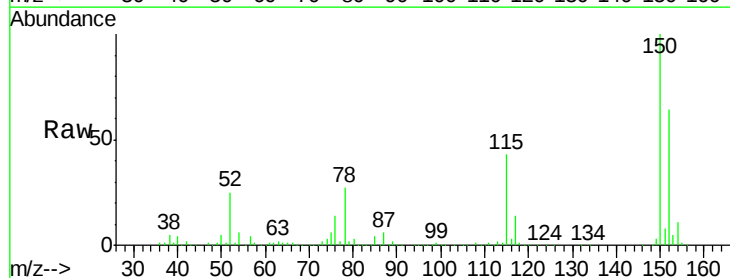
Tgt Ion:146 Resp: 140

Ion Ratio Lower Upper

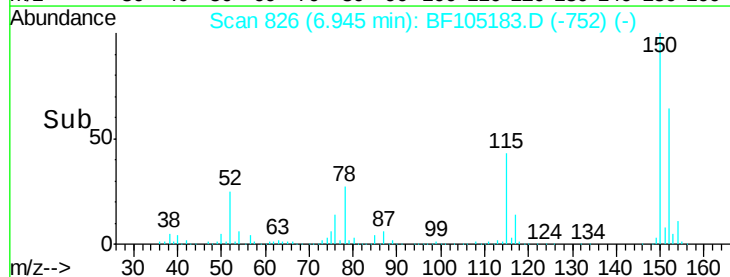
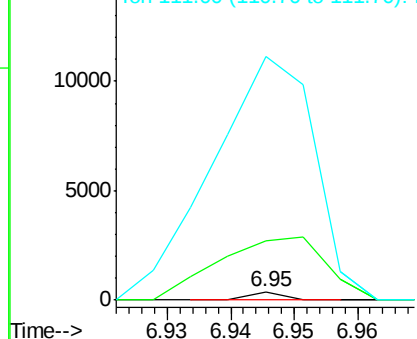
146 100

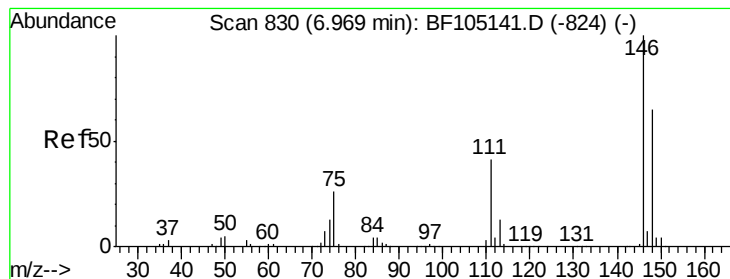
148 688.7 50.8 76.2#

111 2803.3 34.2 51.2#



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





#14

1,2-Dichlorobenzene

Concen: 0.009 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampled :

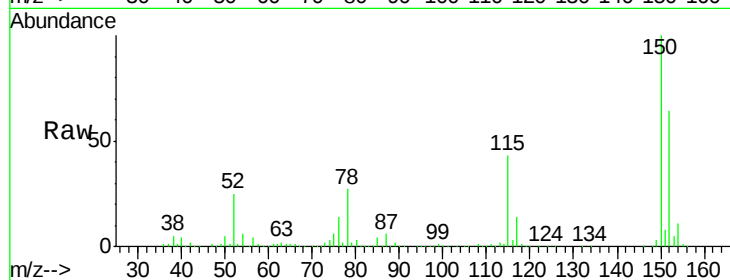
Tot Ion:146 Resp: 140

Ion Ratio Lower Upper

146 100

148 688.7 50.6 75.8#

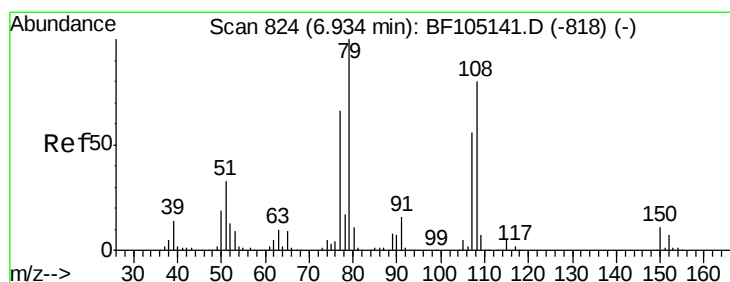
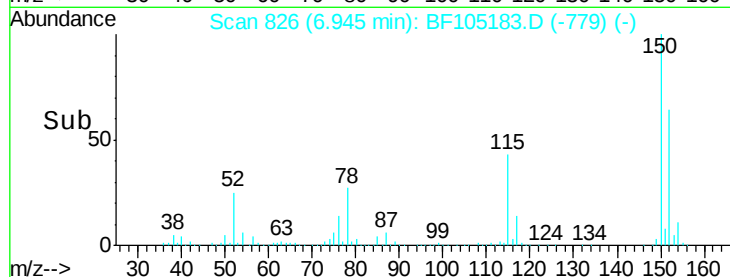
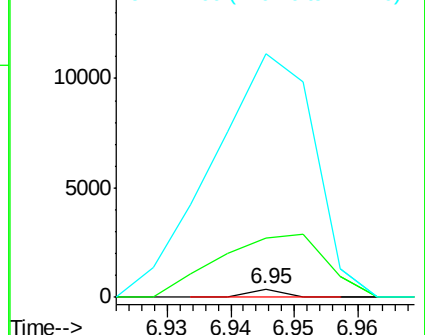
111 2803.3 36.0 54.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.878 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

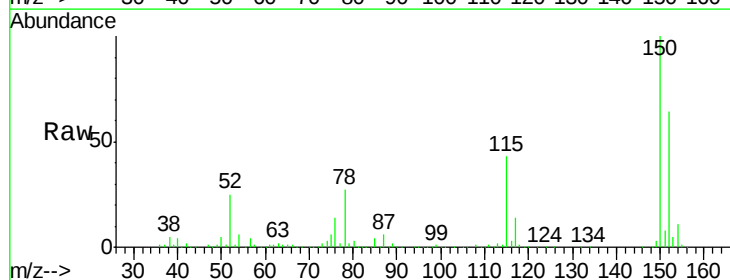
Tgt Ion: 79 Resp: 23365

Ion Ratio Lower Upper

79 100

108 31.1 65.1 97.7#

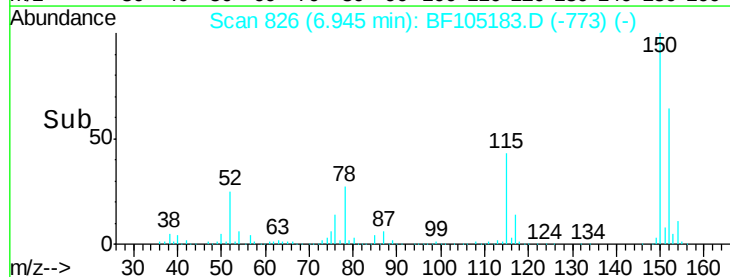
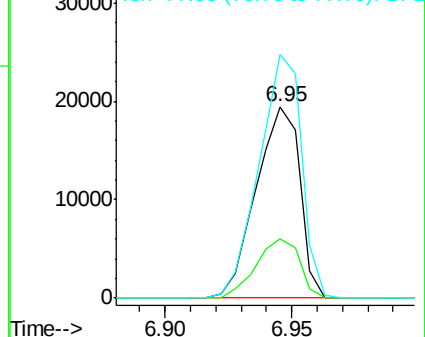
77 127.2 50.6 75.8#

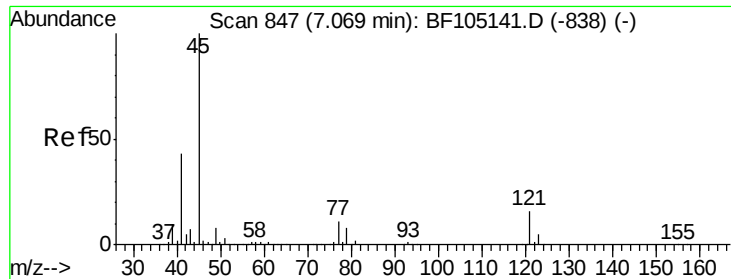


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

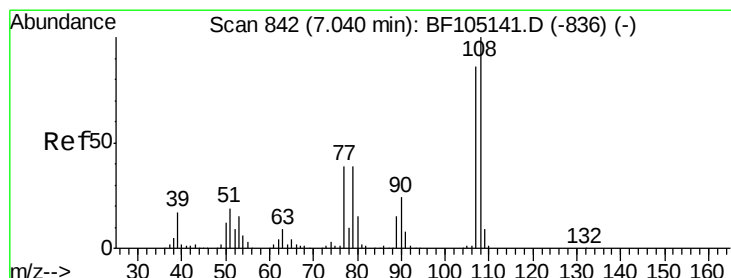
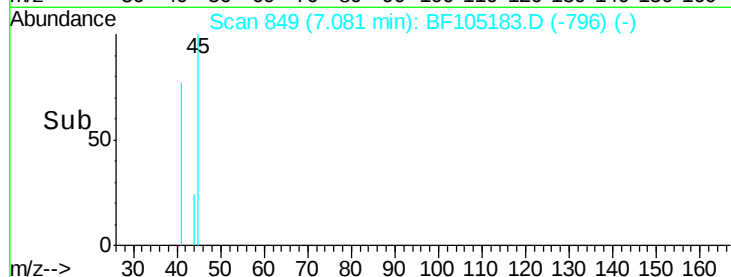
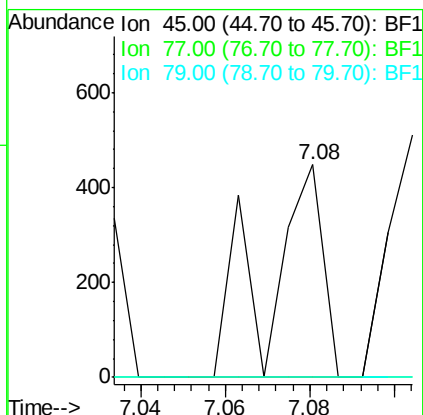
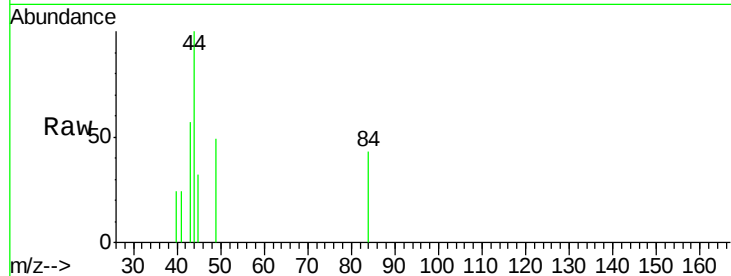




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.015 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

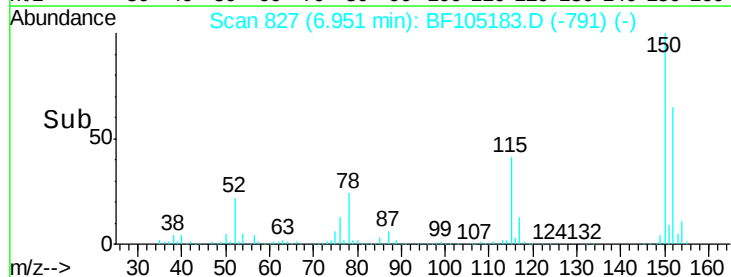
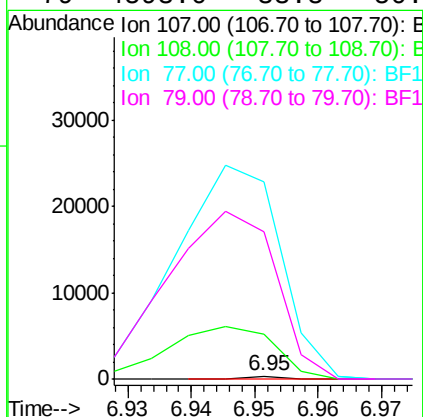
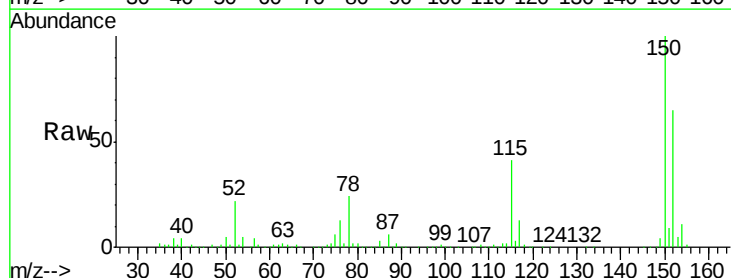
Instrument :
BNA_F
ClientSampleId :

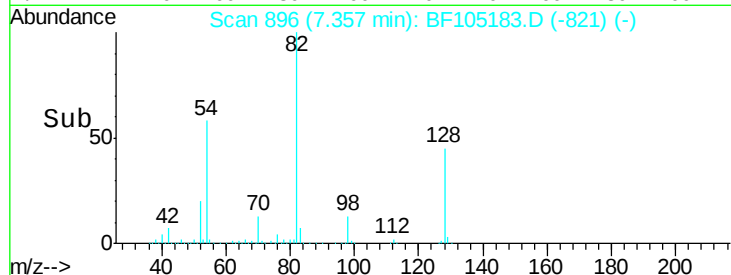
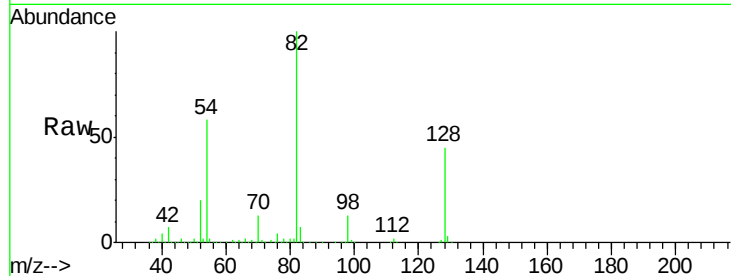
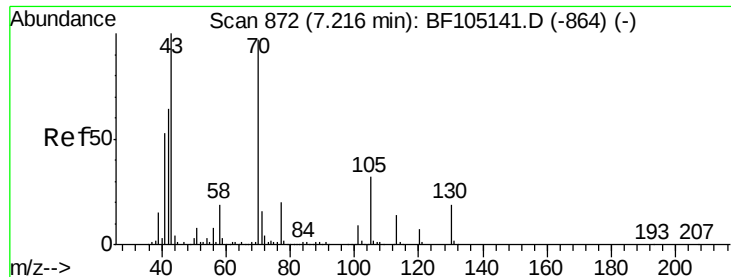
Tot Ion: 45 Resp: 405
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.010 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion: 107 Resp: 131
Ion Ratio Lower Upper
107 100
108 1382.5 91.7 137.5#
77 6152.0 33.8 50.8#
79 4593.0 33.8 50.8#

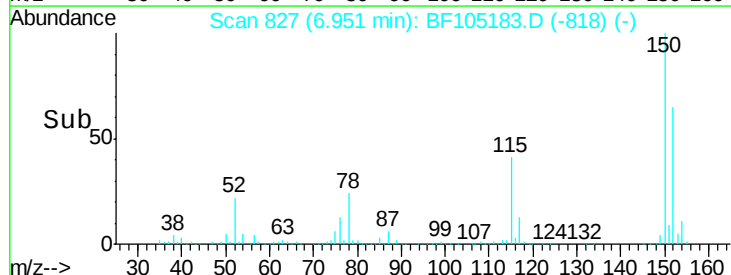
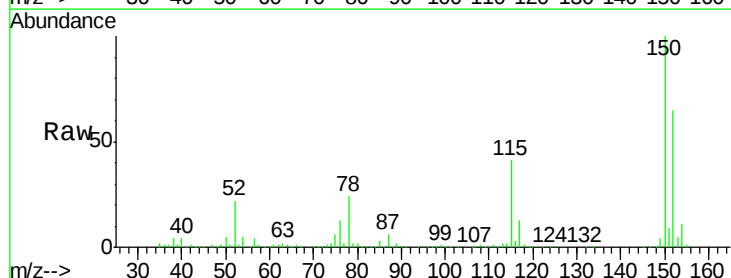
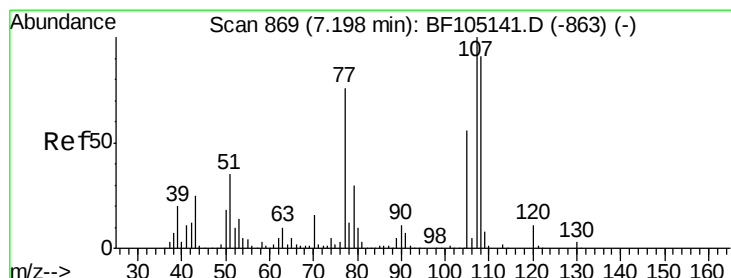
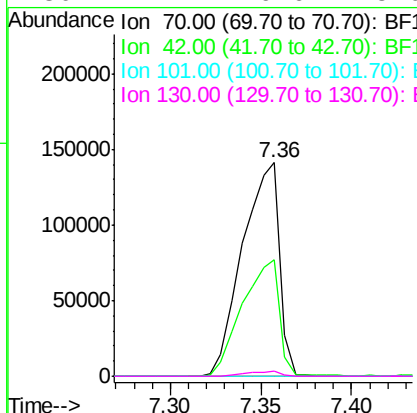




#19
n-Nitroso-di-n-propylamine
Concen: 18.597 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

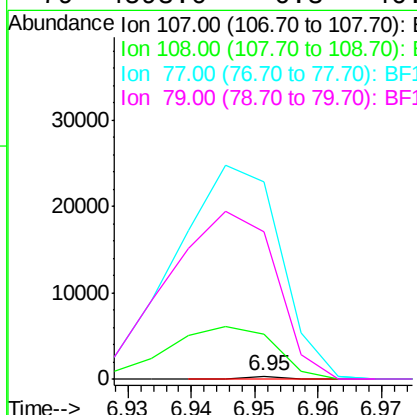
Instrument :
BNA_F
ClientSampleId :

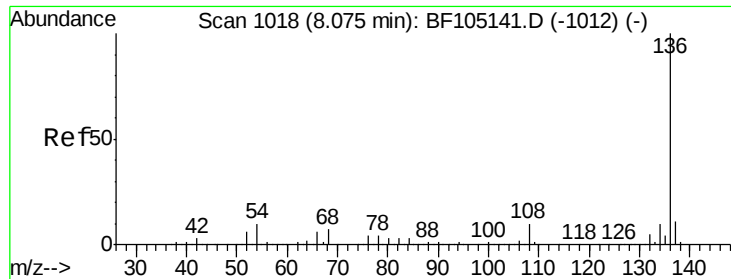
Tot Ion: 70 Resp: 200099
Ion Ratio Lower Upper
70 100
42 54.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.25 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:107 Resp: 131
Ion Ratio Lower Upper
107 100
108 1382.5 68.2 108.2#
77 6152.0 26.7 66.7#
79 4593.0 6.3 46.3#

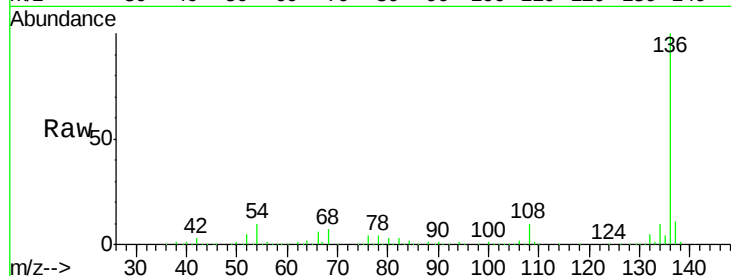




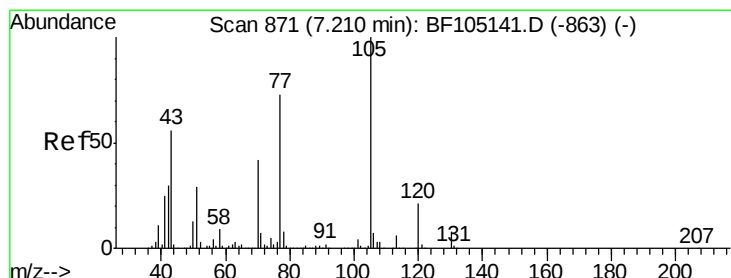
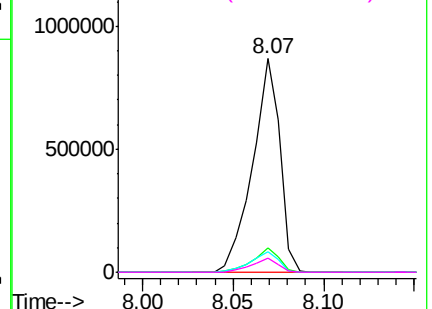
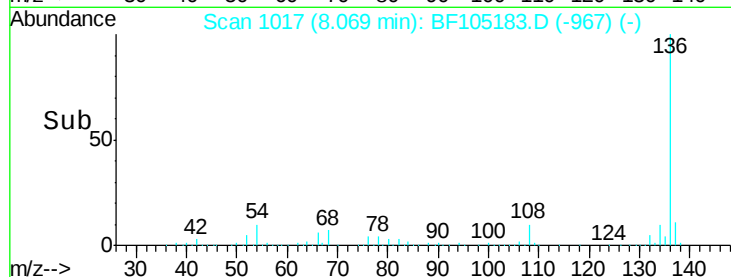
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	908447
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.7	6.6 9.8
68	6.7	5.0 7.4

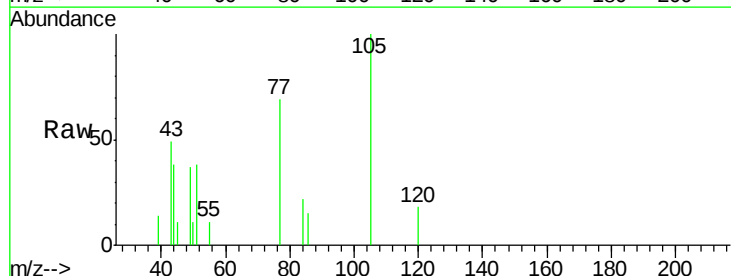


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

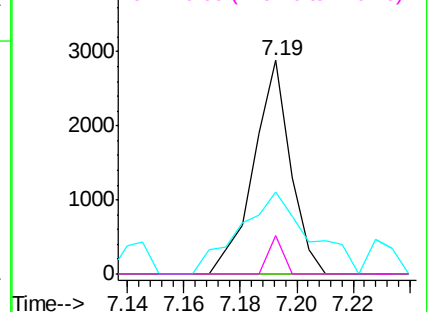
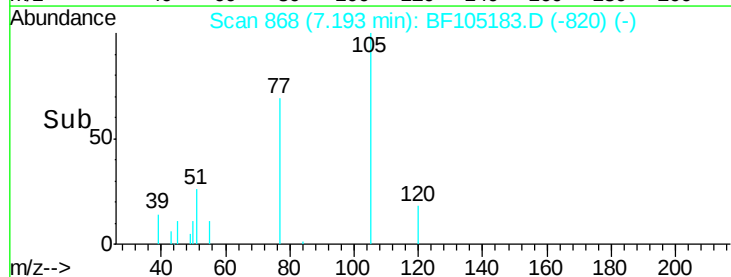


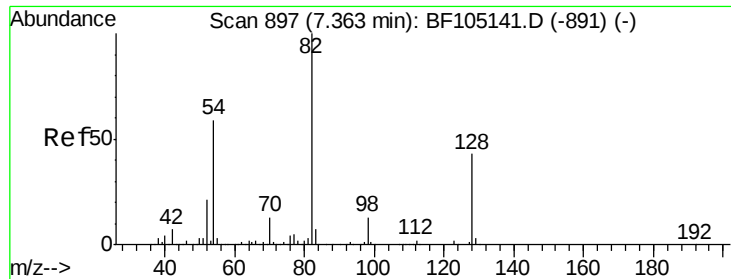
#22
Acetophenone
Concen: 0.123 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:105	Resp:	2603
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.4 6.6#
51	38.4	22.3 33.5#
120	18.2	16.9 25.3



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

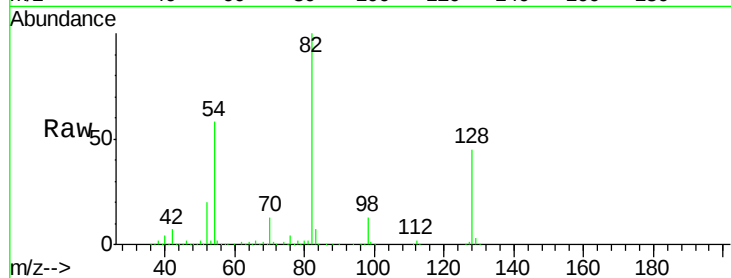




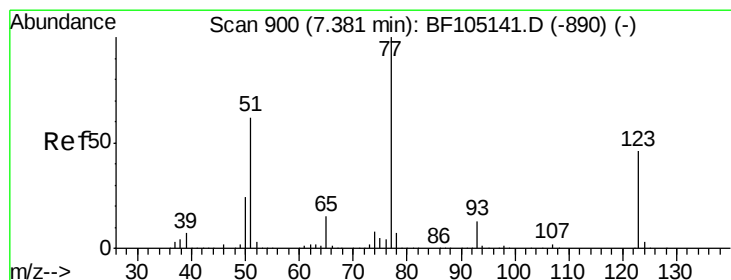
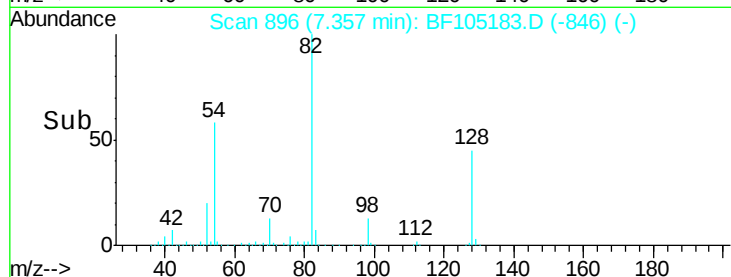
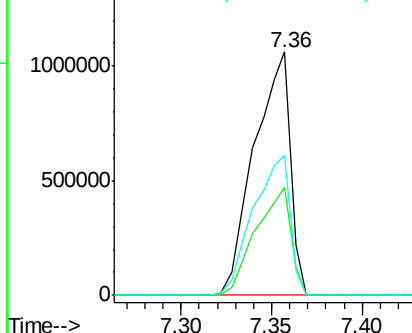
#23
Nitrobenzene-d5
Concen: 109.051 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1461739
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 57.7 41.4 62.2

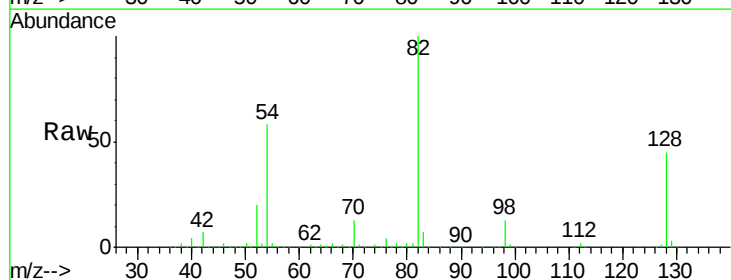


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

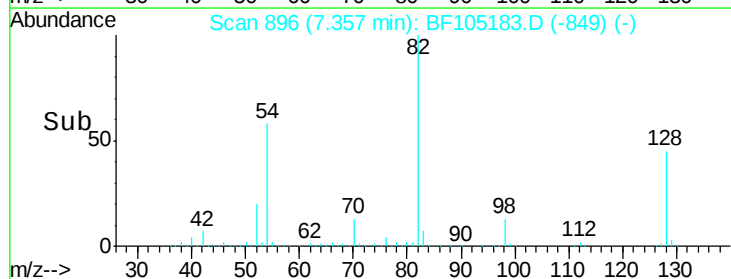
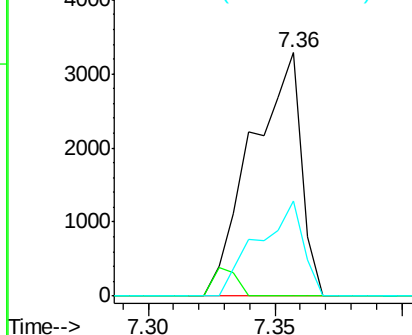


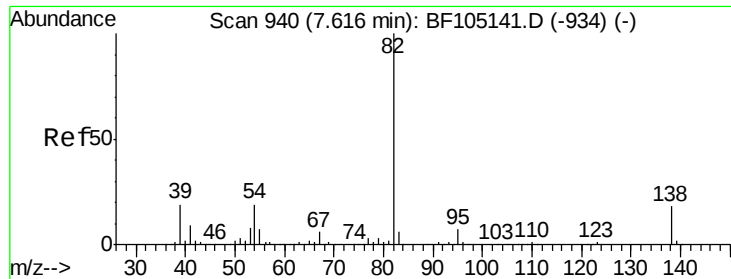
#24
Nitrobenzene
Concen: 0.294 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion: 77 Resp: 4471
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 39.2 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: 48.595 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

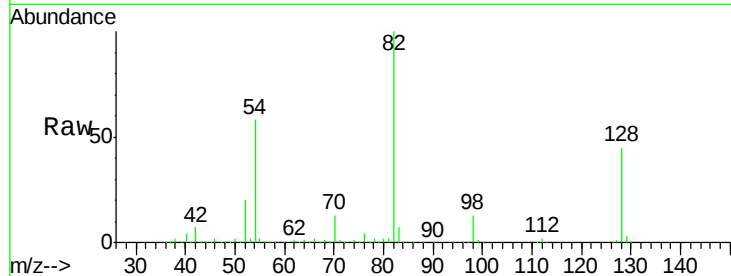
Tot Ion: 82 Resp: 1456732

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

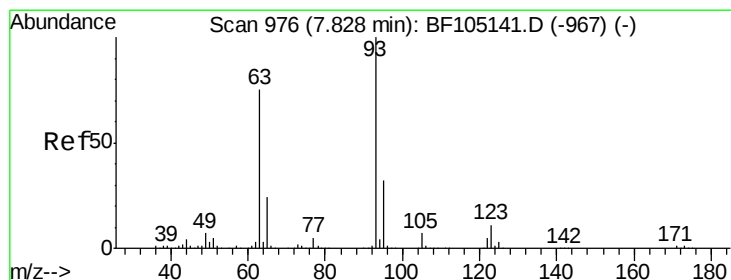
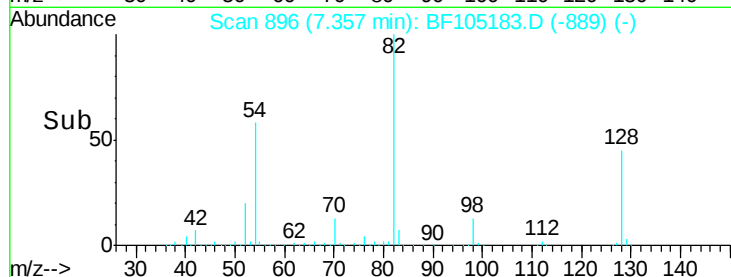
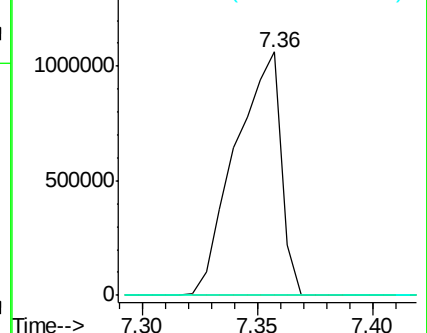
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.25 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

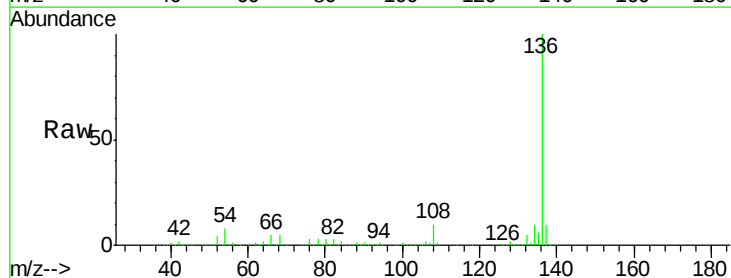
Tgt Ion: 93 Resp: 106

Ion Ratio Lower Upper

93 100

95 105.6 26.3 39.5#

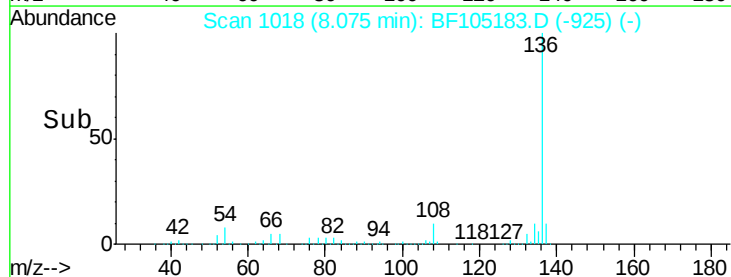
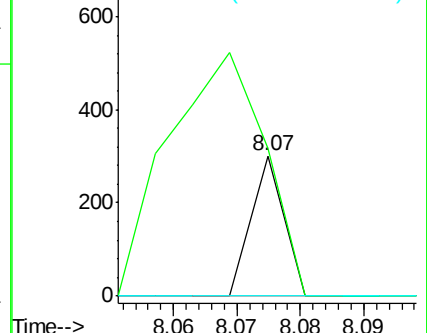
123 0.0 9.8 14.6#

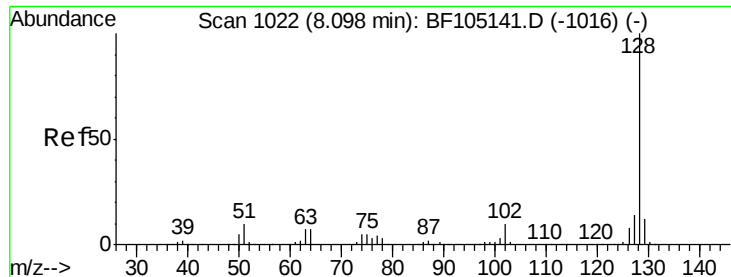


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

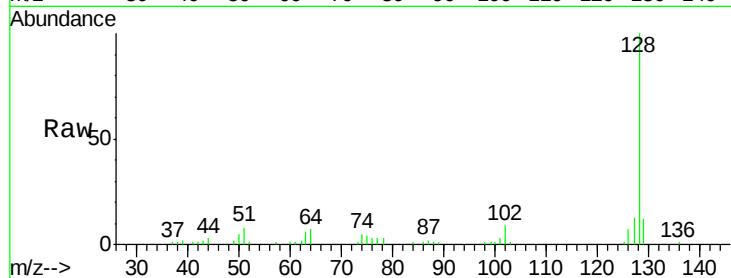




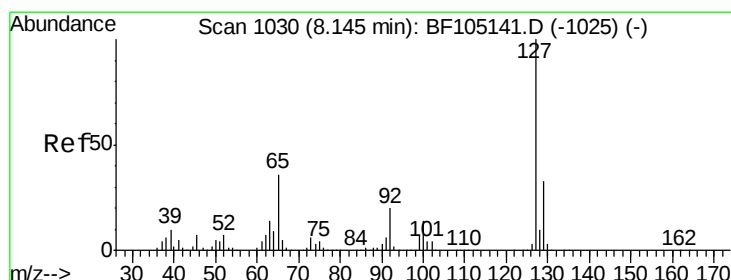
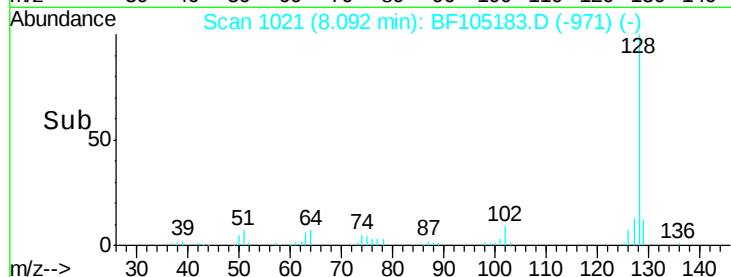
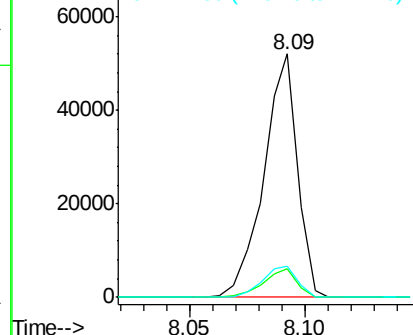
#31
Naphthalene
Concen: 1.198 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 52401
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.5 10.9 16.3

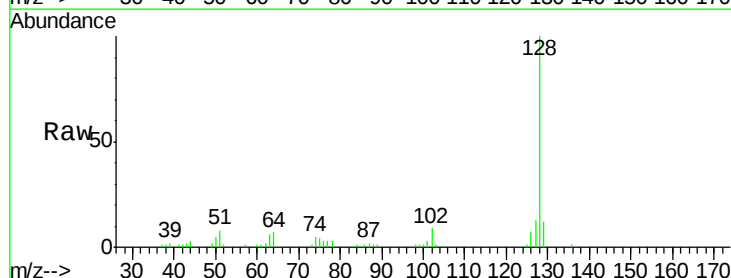


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

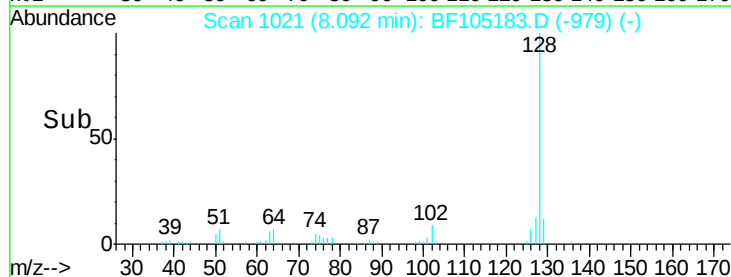
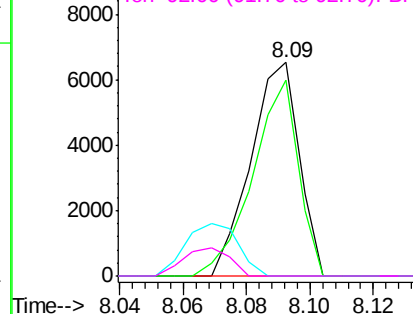


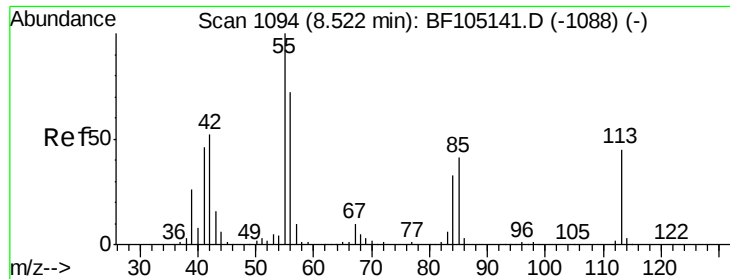
#33
4-Chloroaniline
Concen: 0.379 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:127 Resp: 6895
Ion Ratio Lower Upper
127 100
129 91.8 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



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

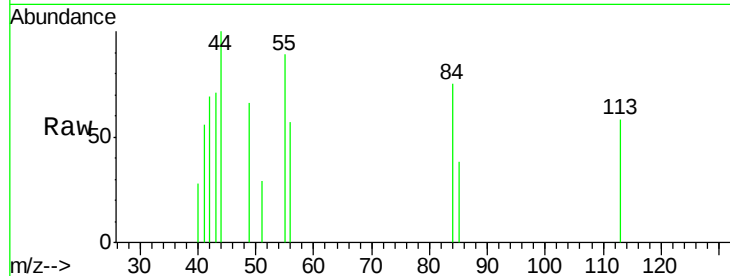




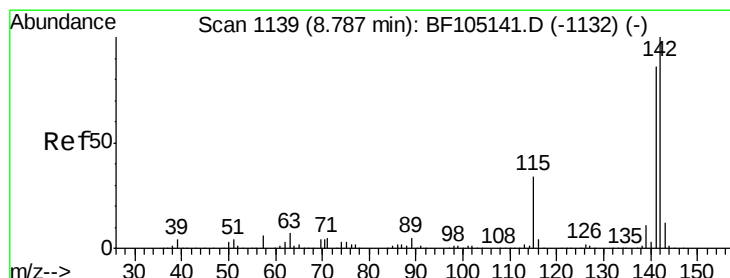
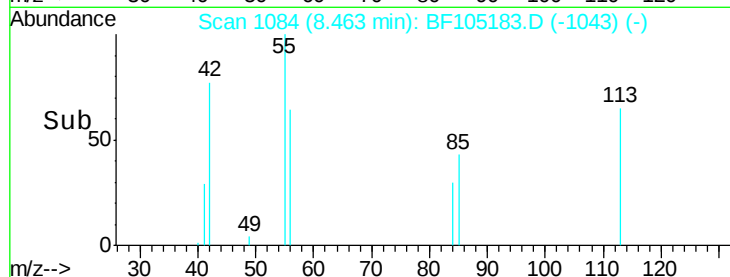
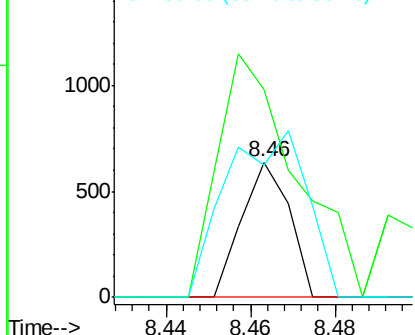
#35
 Caprolactam
 Concen: 0.132 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.06 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 500
 Ion Ratio Lower Upper
 113 100
 55 153.8 163.3 203.3#
 56 98.3 115.7 155.7#

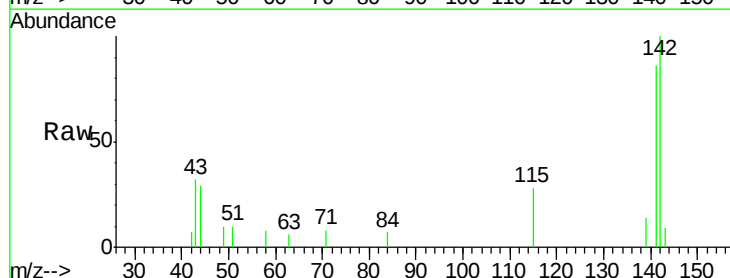


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

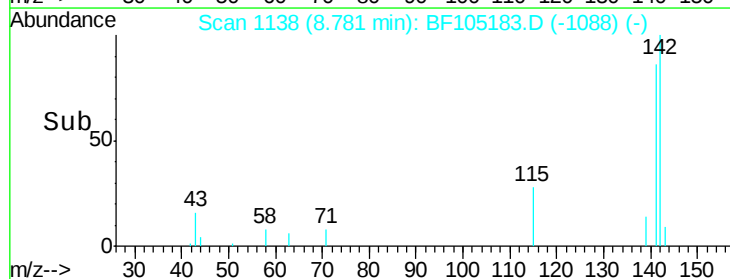
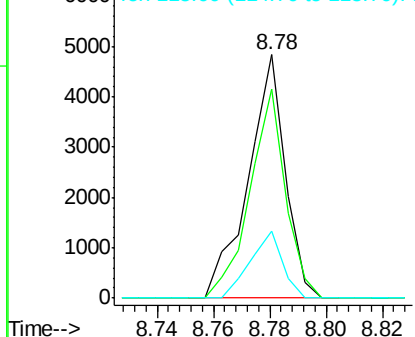


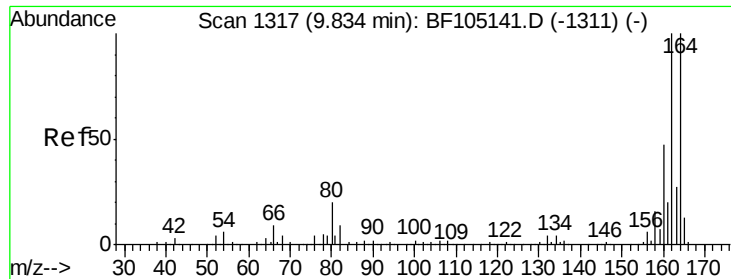
#37
 2-Methylnaphthalene
 Concen: 0.144 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Tgt Ion:142 Resp: 4403
 Ion Ratio Lower Upper
 142 100
 141 86.1 70.8 106.2
 115 27.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

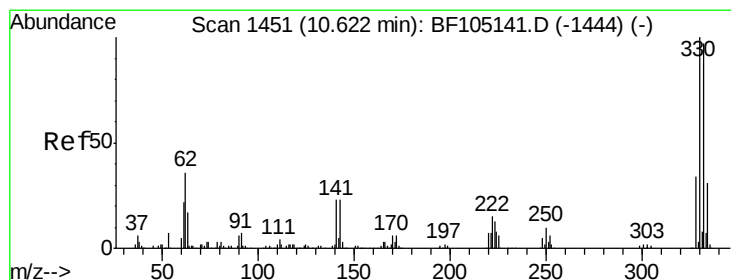
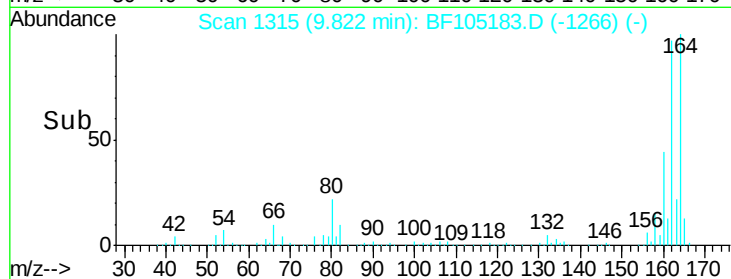
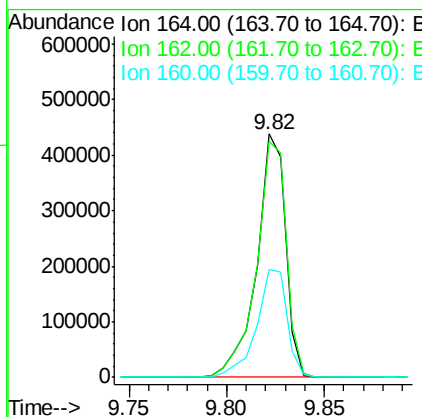
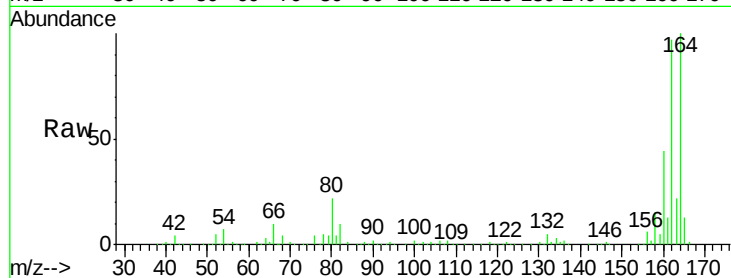




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

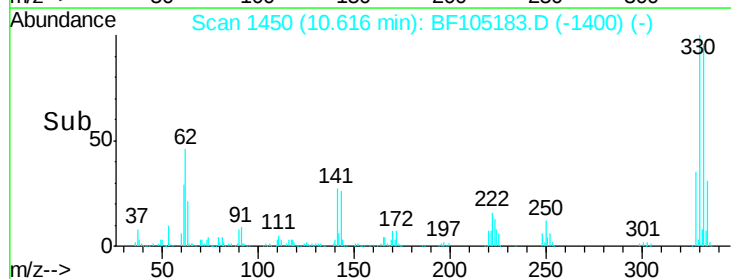
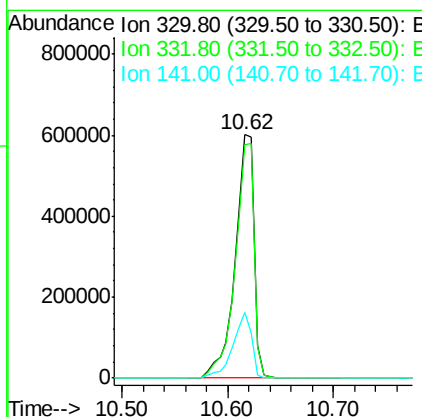
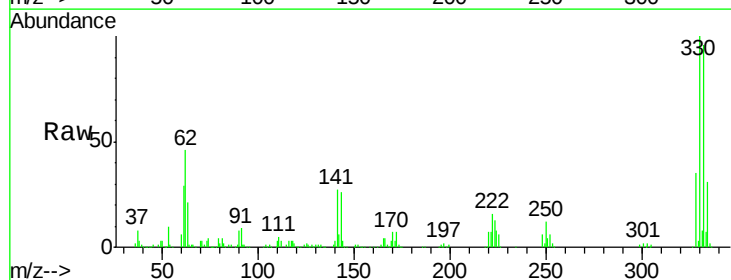
Instrument :
 BNA_F
 ClientSampled :

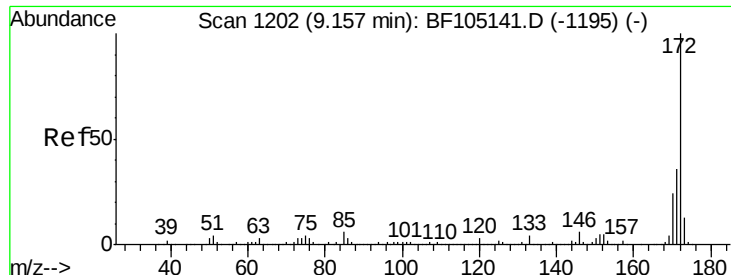
Tot Ion:164 Resp: 449026
 Ion Ratio Lower Upper
 164 100
 162 96.9 86.1 129.1
 160 44.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 148.188 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Tgt Ion:330 Resp: 734122
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 26.5 29.9 44.9#

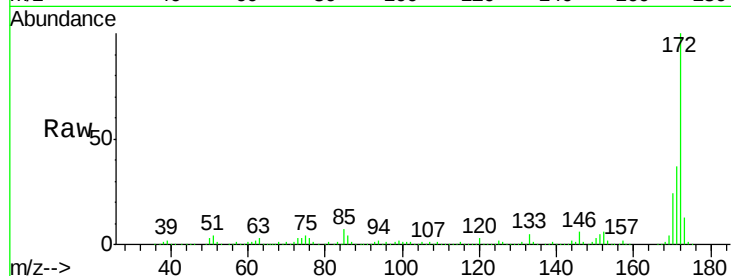




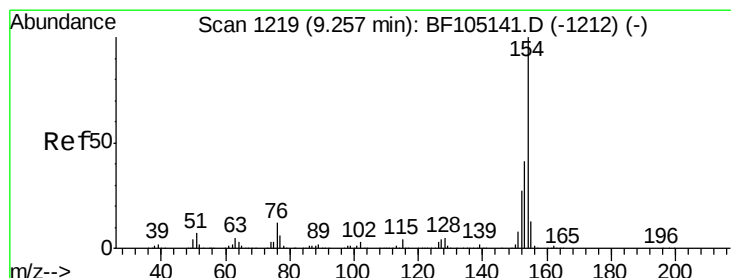
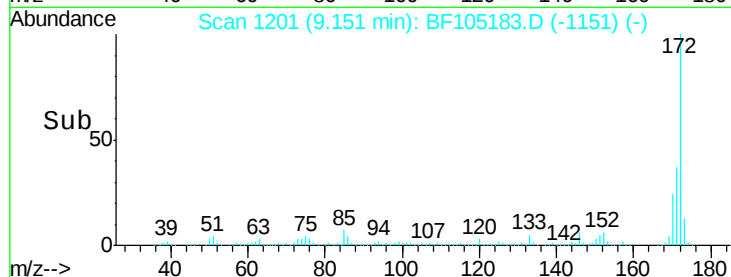
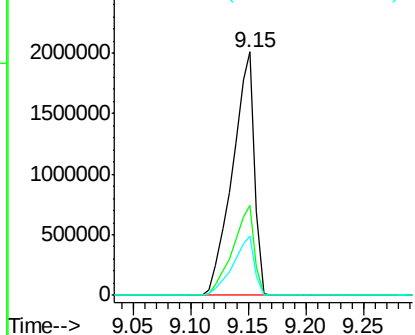
#44
2-Fluorobiphenyl
Concen: 90.688 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2623624
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.2 19.6 29.4

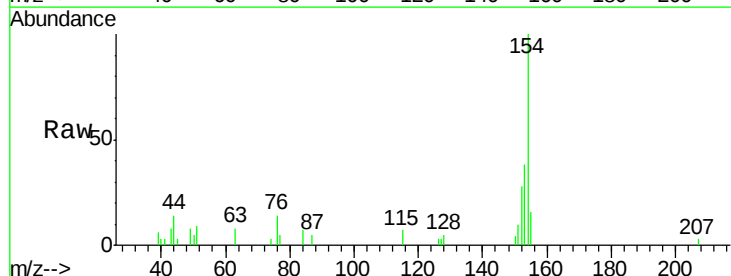


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

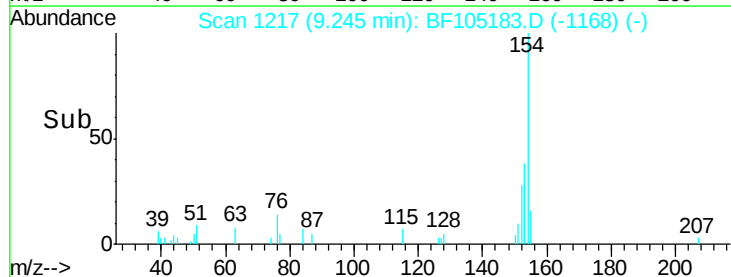
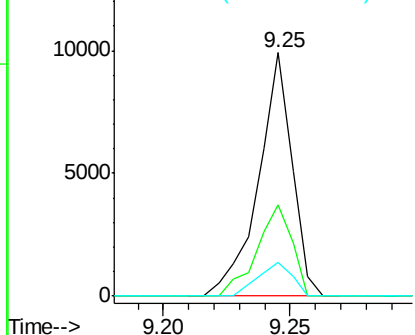


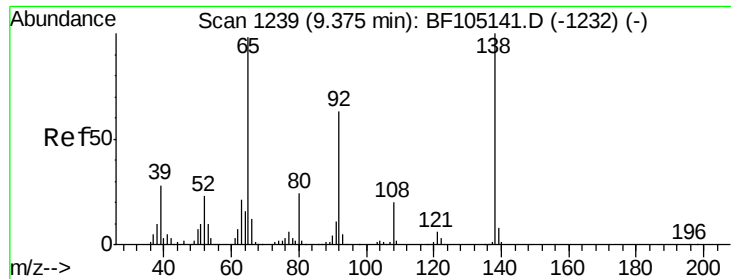
#45
1,1'-Biphenyl
Concen: 0.251 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:154 Resp: 9190
Ion Ratio Lower Upper
154 100
153 37.5 21.3 61.3
76 13.6 0.0 34.0



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

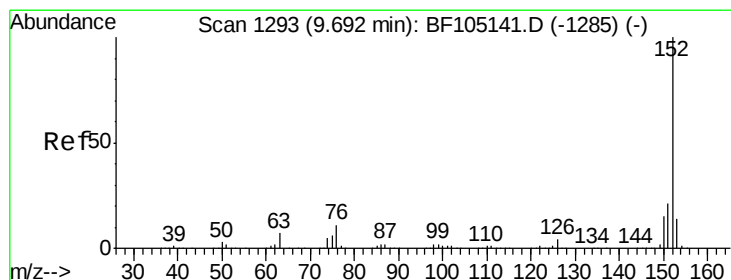
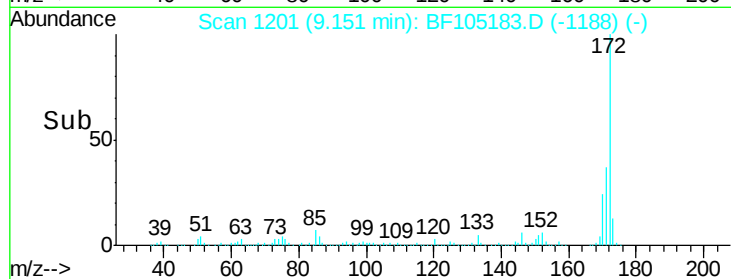
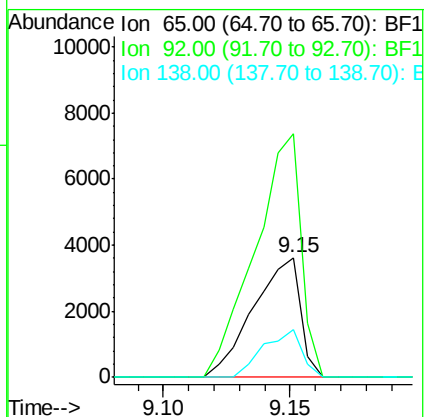
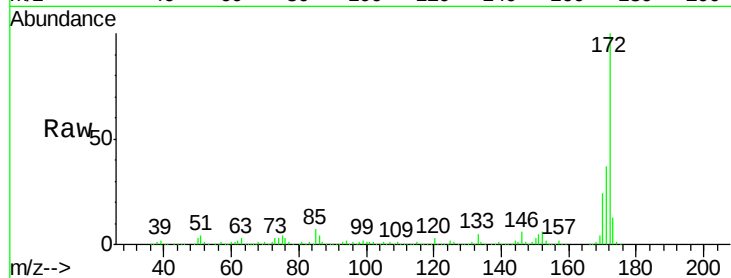




#47
2-Nitroaniline
Concen: 6.327 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.22 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

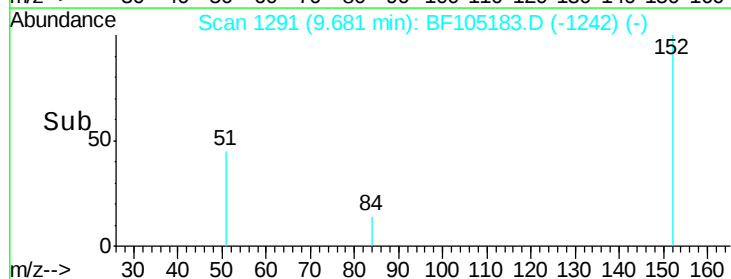
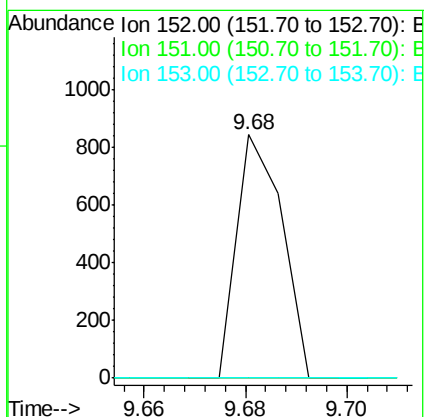
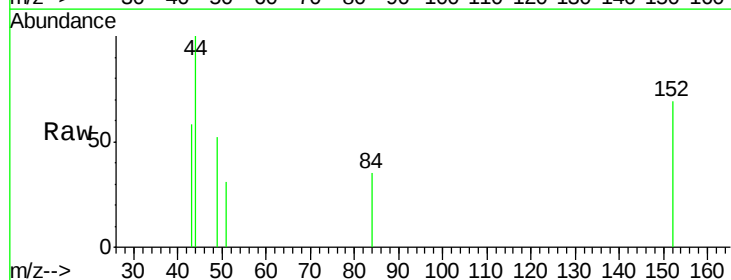
Instrument :
BNA_F
ClientSampled :

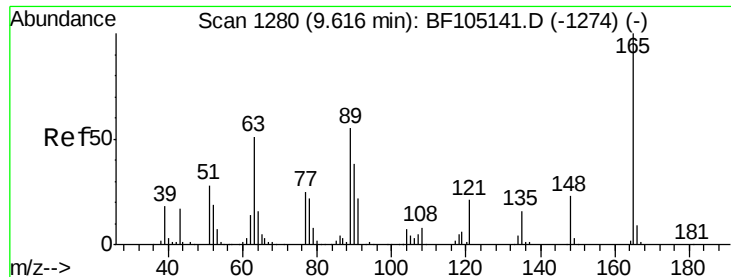
Tot Ion: 65 Resp: 4726
Ion Ratio Lower Upper
65 100
92 203.8 55.8 83.6#
138 40.3 91.2 136.8#



#48
Acenaphthylene
Concen: 0.012 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion: 152 Resp: 525
Ion Ratio Lower Upper
152 100
151 0.0 16.3 24.5#
153 0.0 10.7 16.1#

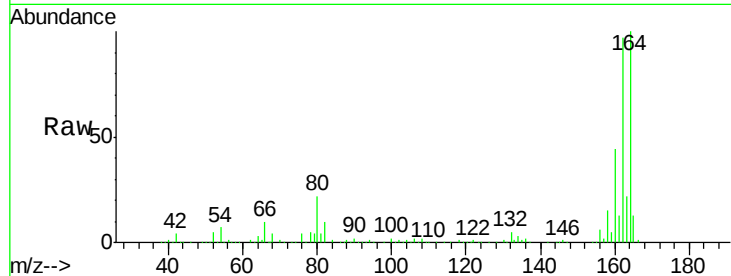




#50
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

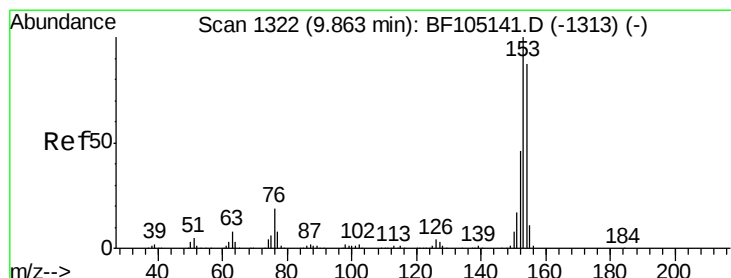
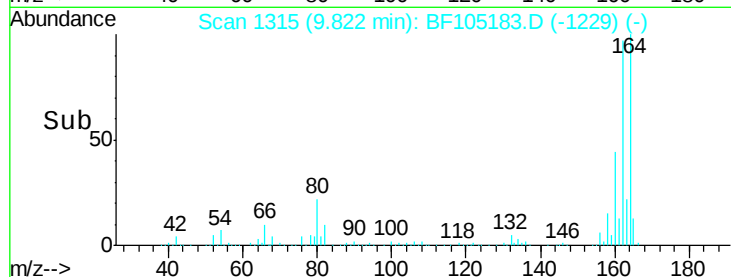
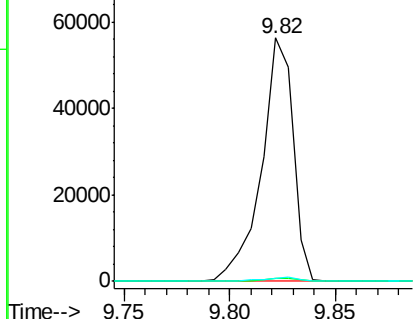
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

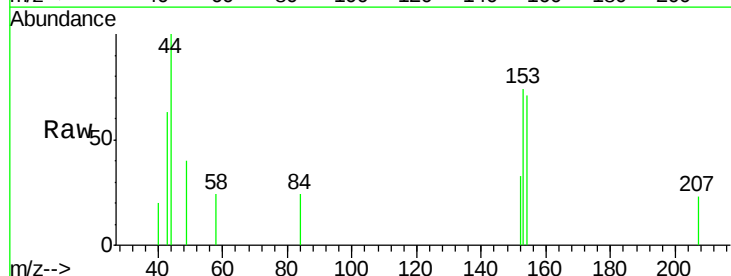
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 0.034 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

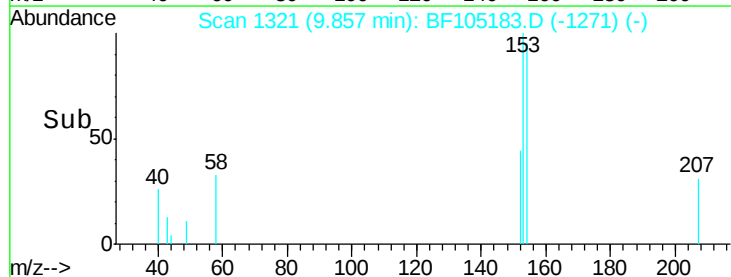
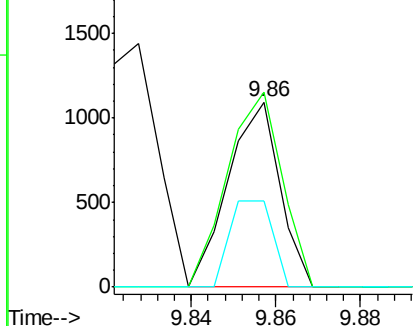
Tgt Ion	Ratio	Lower	Upper
154	100		
153	105.2	91.2	136.8
152	46.8	43.8	65.8

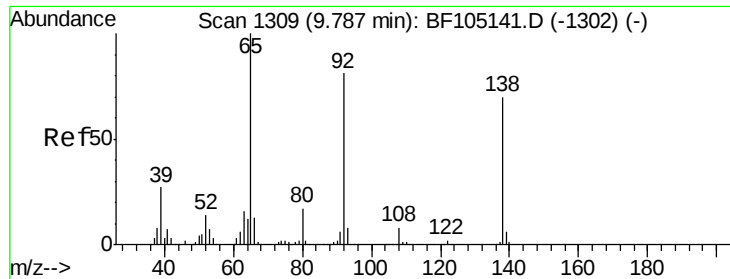


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

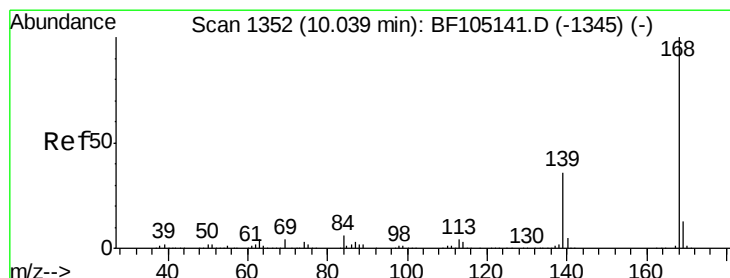
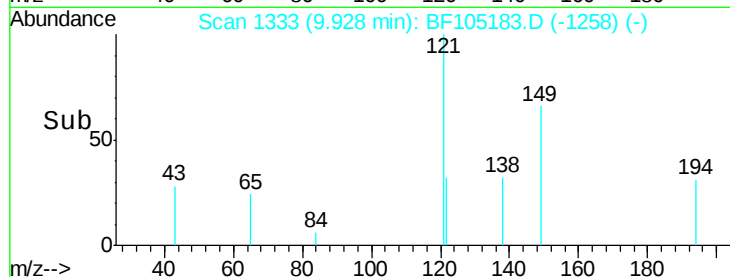
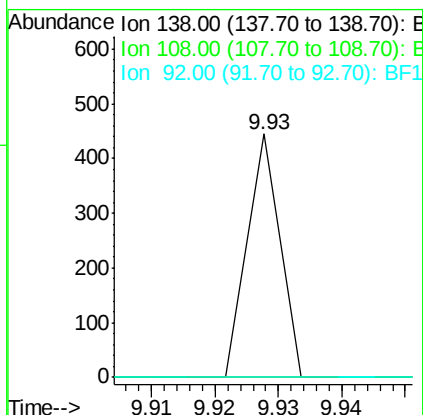
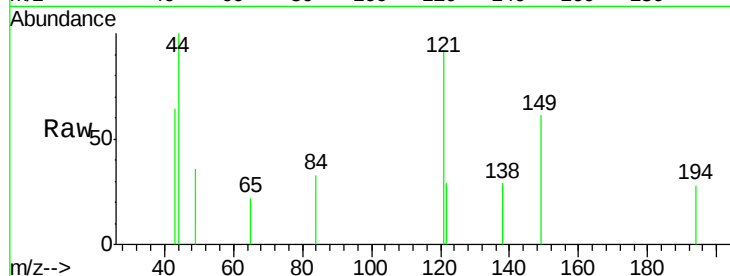




#52
 3-Nitroaniline
 Concen: 0.023 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.14 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

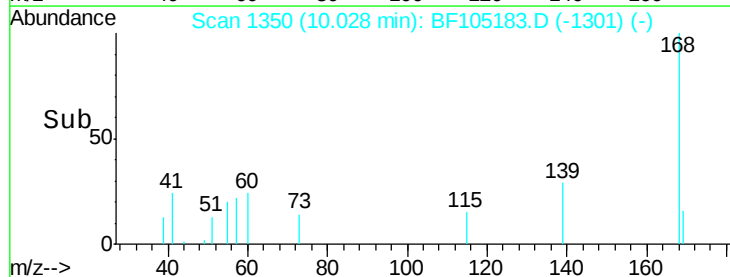
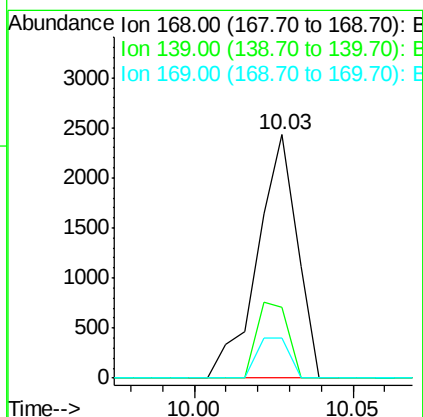
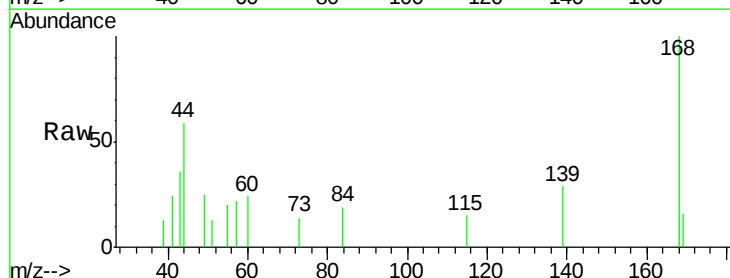
Instrument :
 BNA_F
 ClientSampleId :

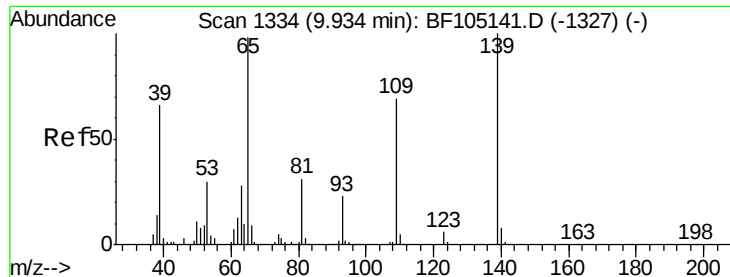
Tot Ion:138 Resp: 157
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.4 14.0#
 92 0.0 89.4 134.2#



#54
 Dibenzofuran
 Concen: 0.053 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Tgt Ion:168 Resp: 2112
 Ion Ratio Lower Upper
 168 100
 139 28.9 30.1 45.1#
 169 16.4 10.9 16.3#





#55

4-Nitrophenol

Concen: 4.378 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.09 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

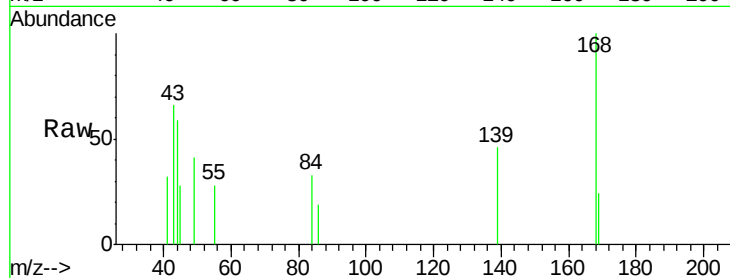
Tot Ion:139 Resp: 516

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

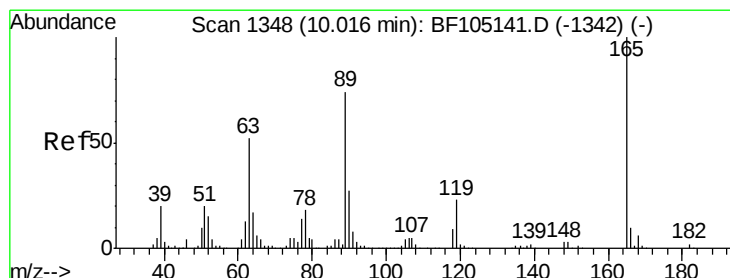
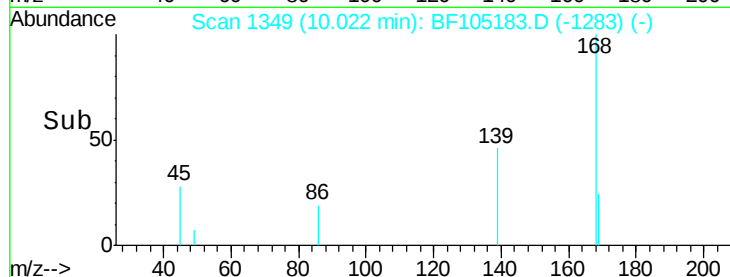
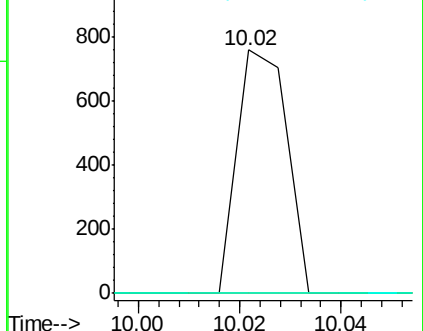
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 9.817 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Tgt Ion:165 Resp: 58875

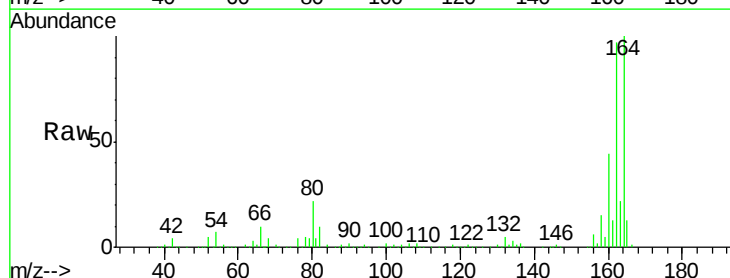
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

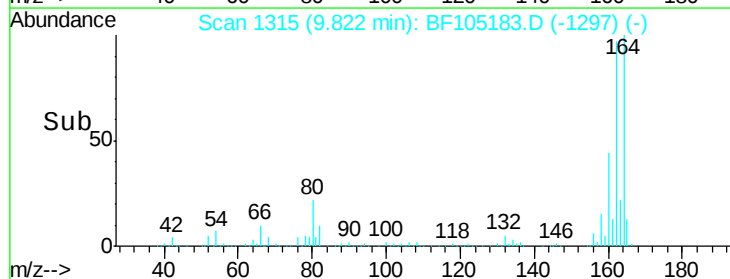
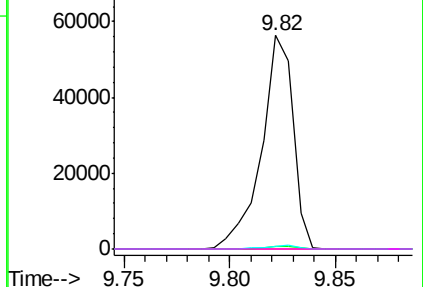


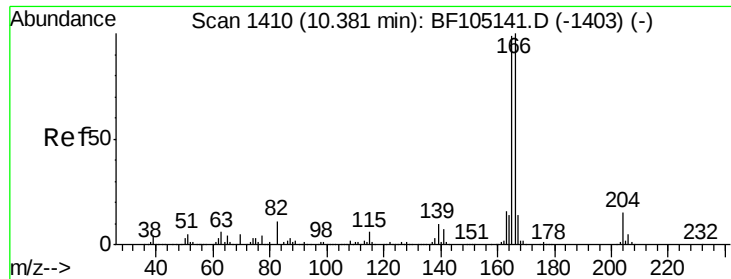
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.047 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampled :

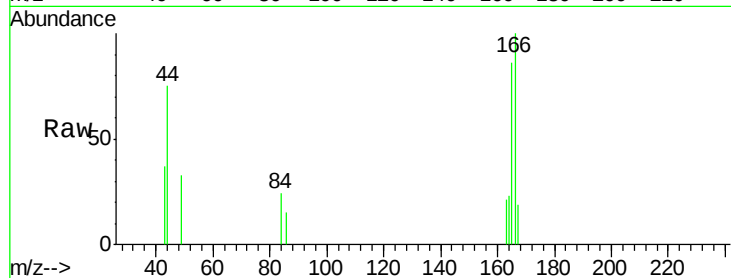
Tot Ion:166 Resp: 1376

Ion Ratio Lower Upper

166 100

165 86.4 79.8 119.8

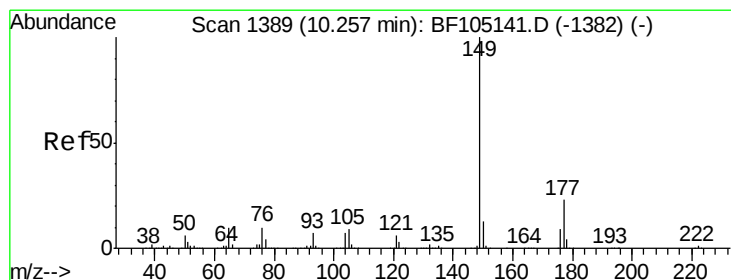
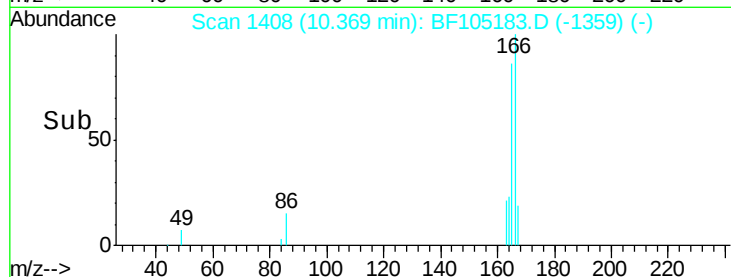
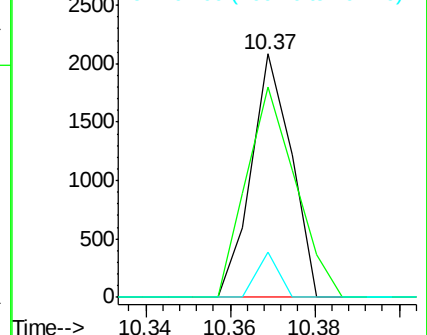
167 18.6 10.6 16.0#



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



#59

Diethylphthalate

Concen: 0.217 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

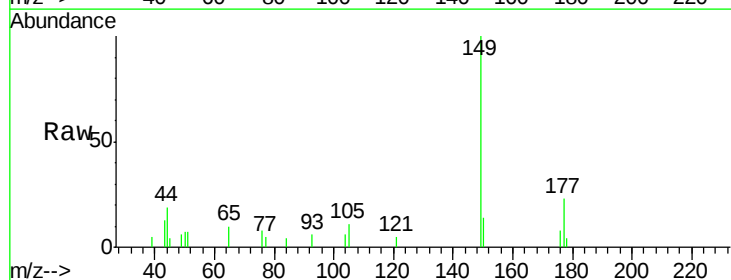
Tgt Ion:149 Resp: 6474

Ion Ratio Lower Upper

149 100

177 23.5 16.1 24.1

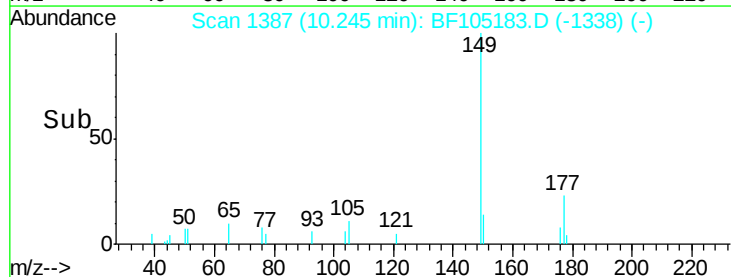
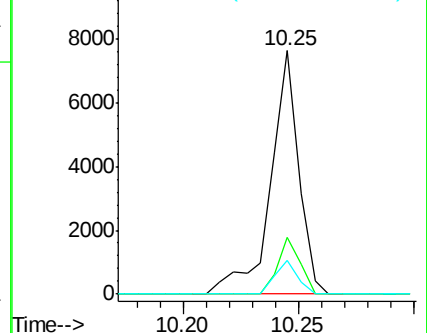
150 14.0 10.1 15.1

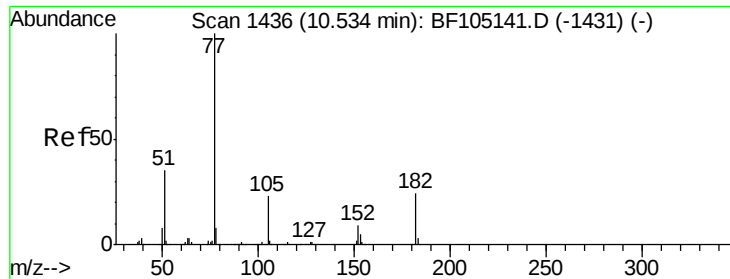


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

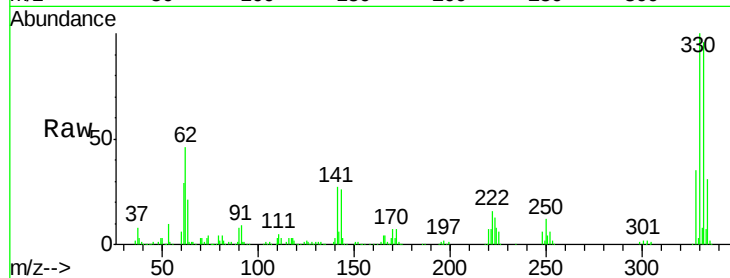




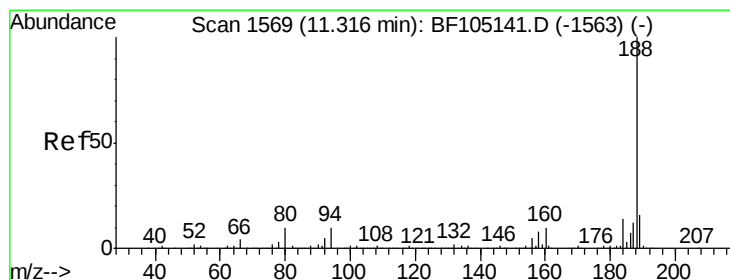
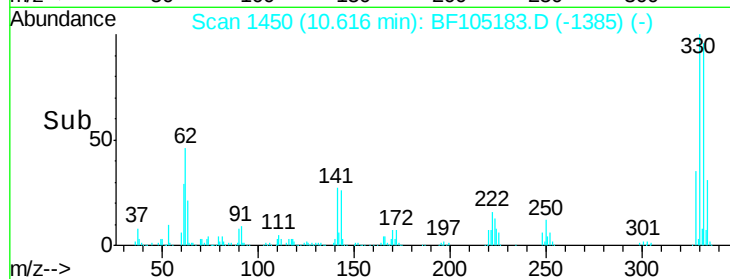
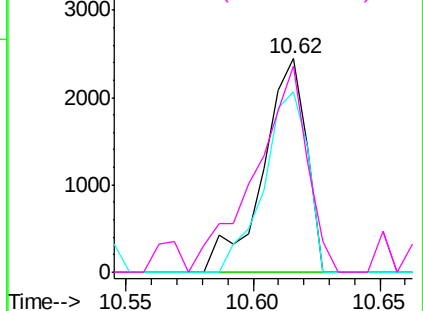
#62
Azobenzene
Concen: 0.094 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.08 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2943
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 84.8 3.0 43.0#
51 96.4 9.9 49.9#

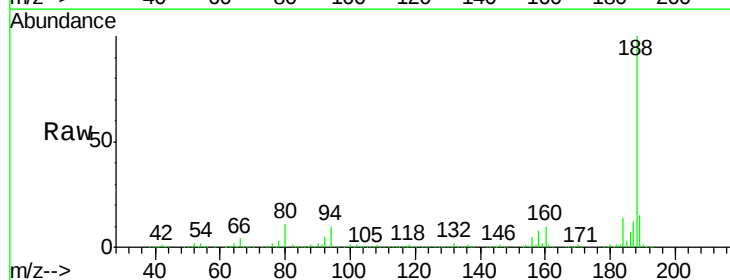


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

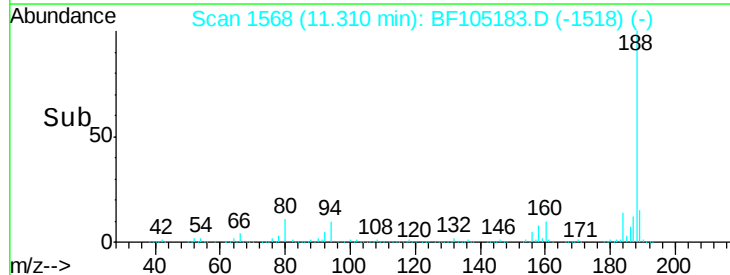
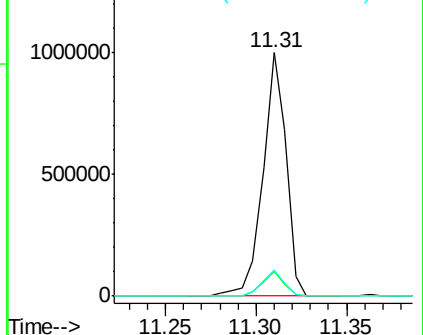


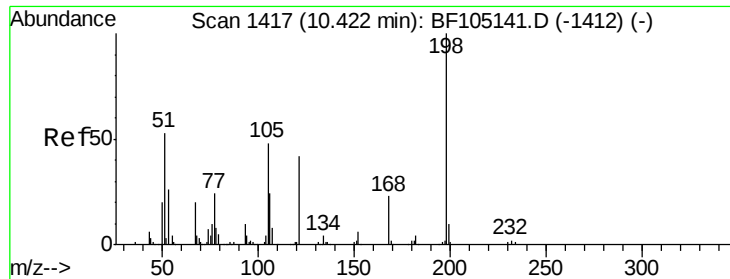
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion: 188 Resp: 887603
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.5 9.2 13.8



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

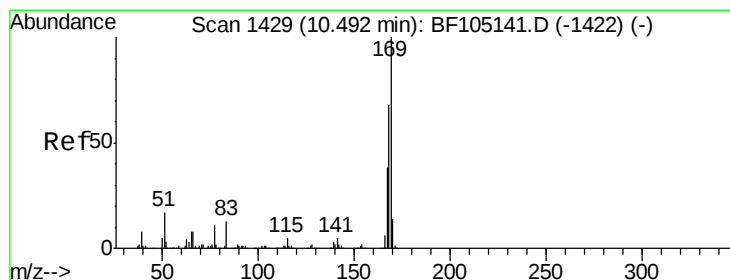
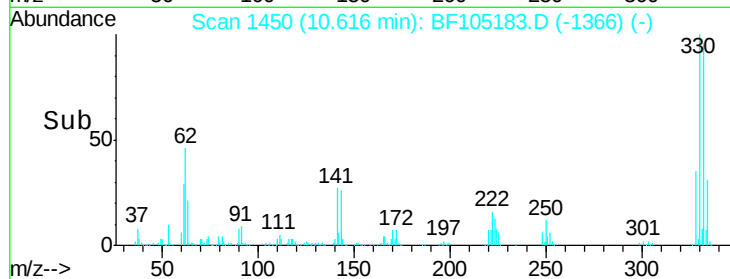
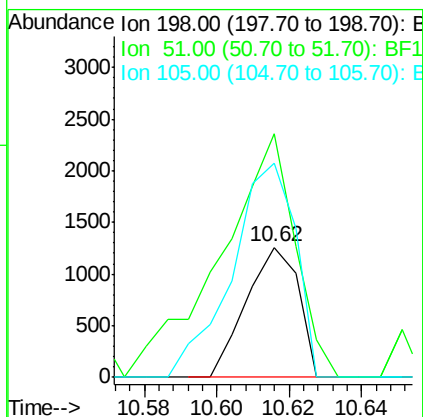
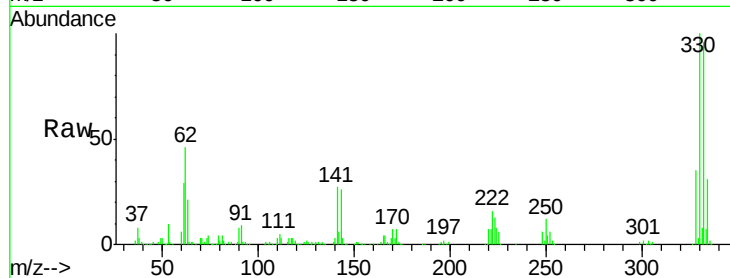




#64
4,6-Dinitro-2-methylphenol
Concen: 9.162 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.19 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

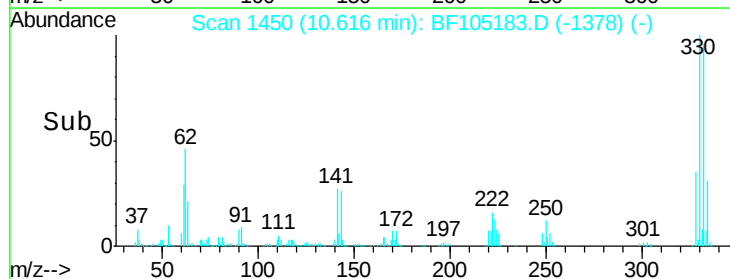
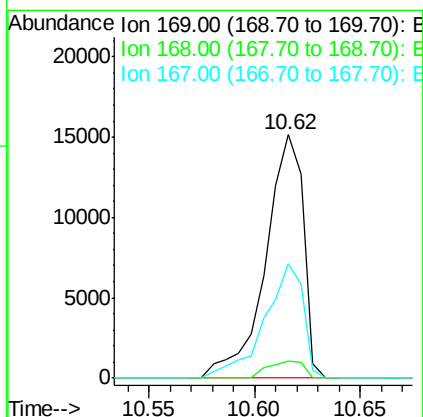
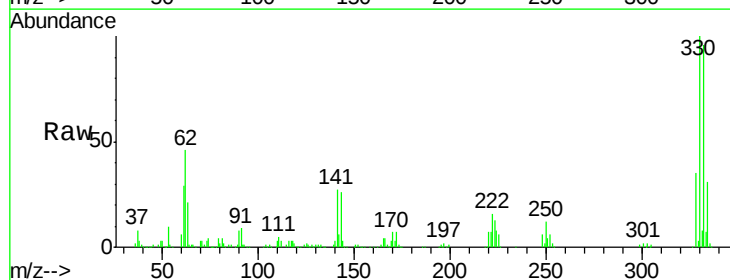
Instrument :
BNA_F
ClientSampleId :

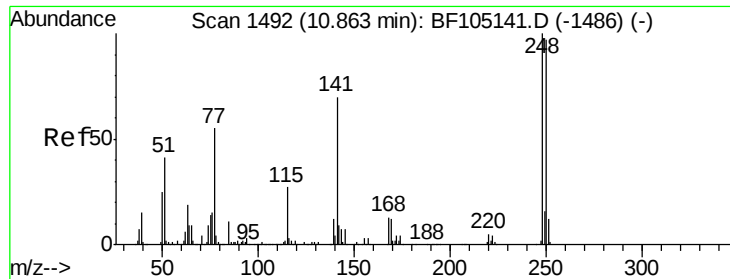
Tot Ion:198 Resp: 1258
Ion Ratio Lower Upper
198 100
51 187.4 37.7 77.7#
105 164.8 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 0.682 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:169 Resp: 18868
Ion Ratio Lower Upper
169 100
168 7.0 54.4 81.6#
167 46.9 29.8 44.6#

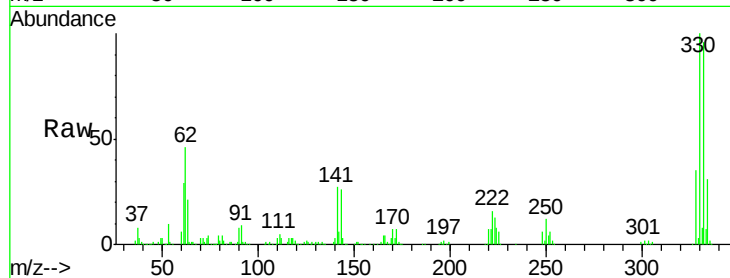




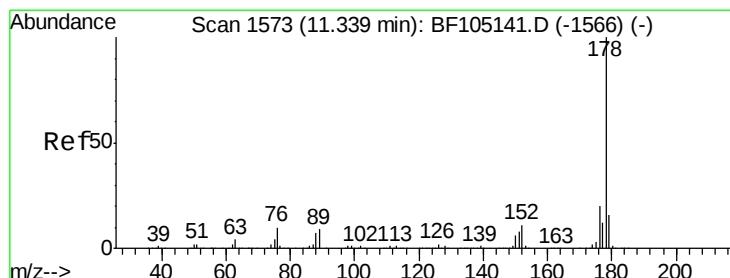
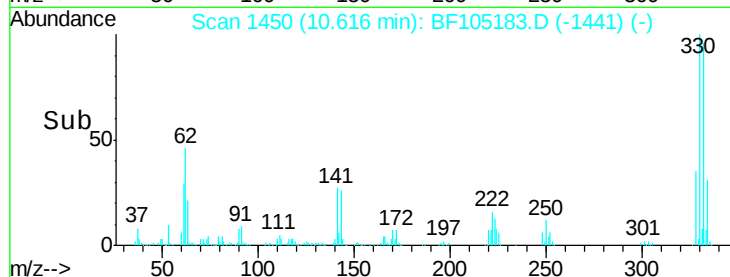
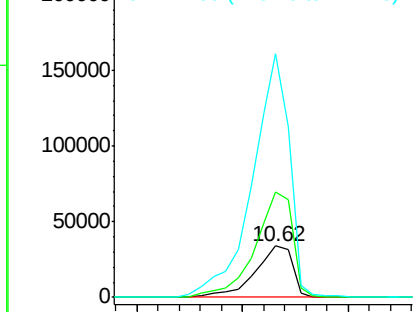
#66
4-Bromophenyl-phenylether
Concen: 4.427 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 41905
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 477.3 74.4 111.6#

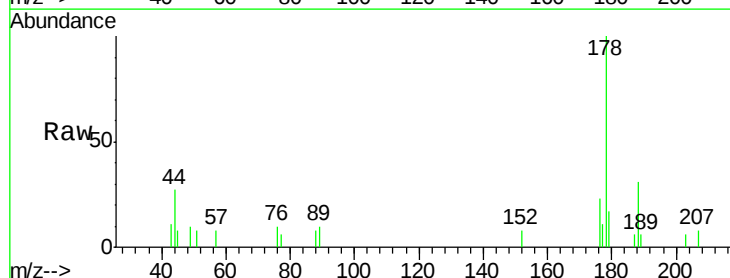


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

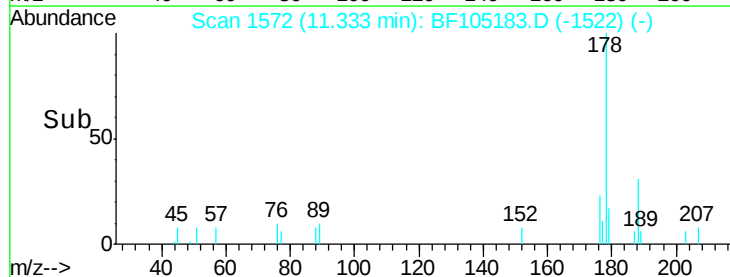
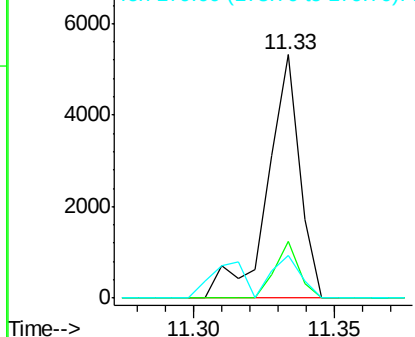


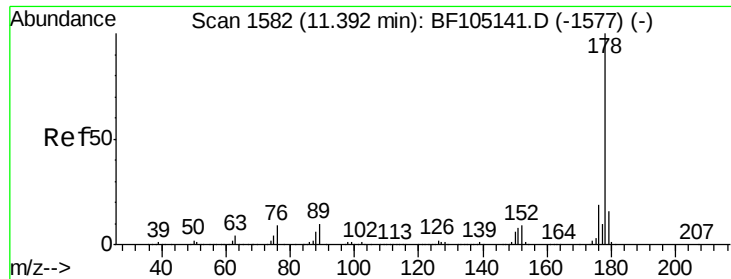
#70
Phenanthrene
Concen: 0.090 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:178 Resp: 4205
Ion Ratio Lower Upper
178 100
176 23.2 15.8 23.8
179 17.3 13.0 19.6



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

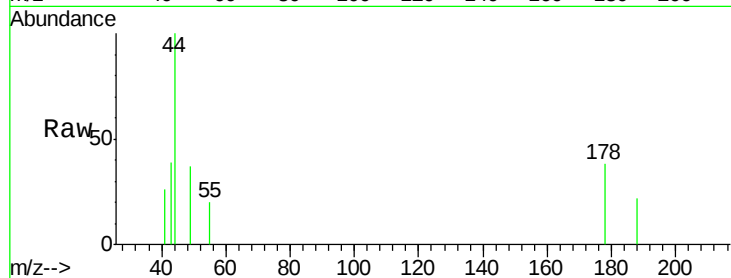




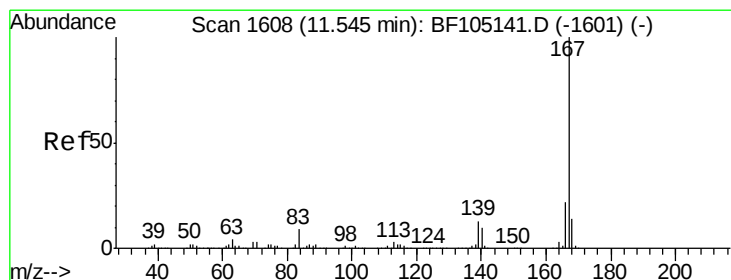
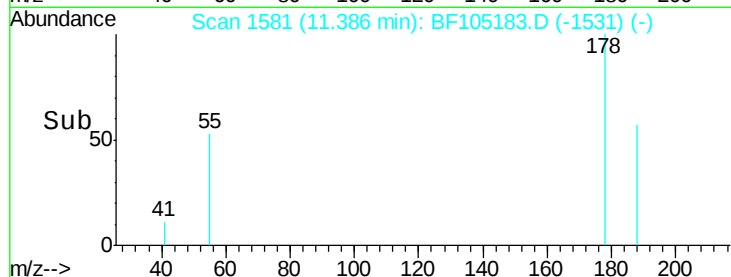
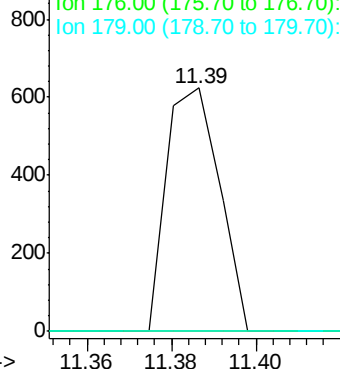
#71
 Anthracene
 Concen: 0.011 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 542
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#

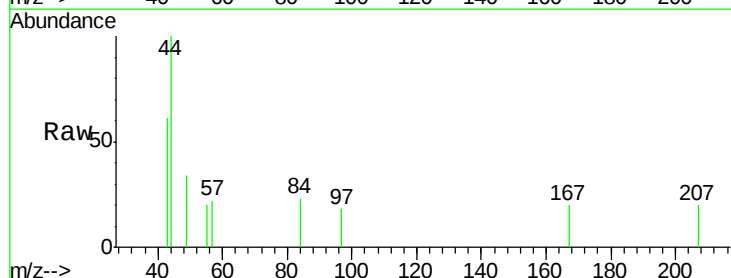


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

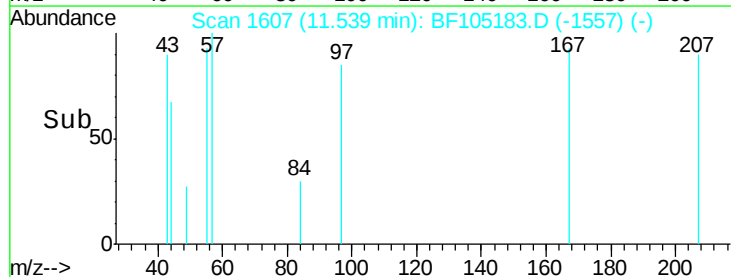
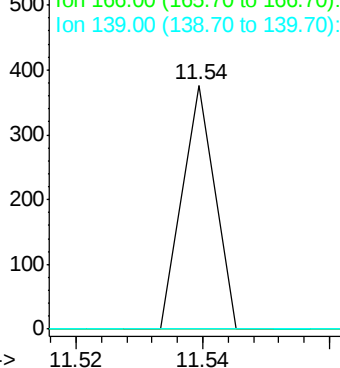


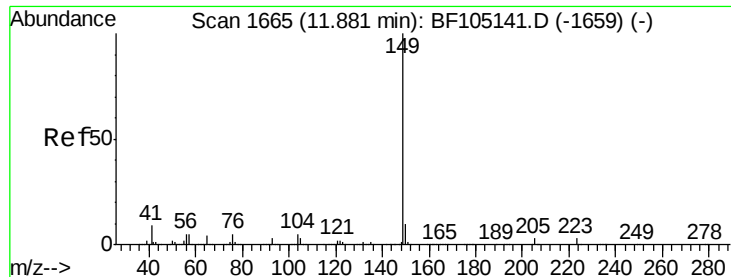
#72
 Carbazole
 Concen: 0.003 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Tgt Ion:167 Resp: 133
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.131 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

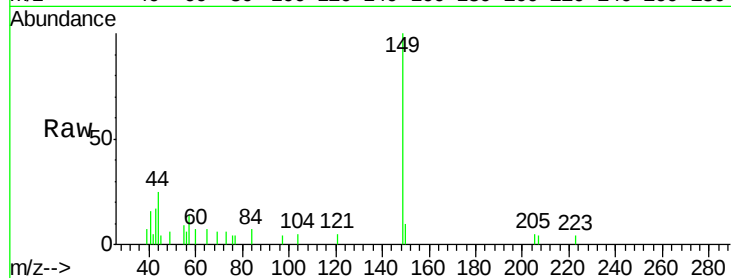
Tot Ion:149 Resp: 6011

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

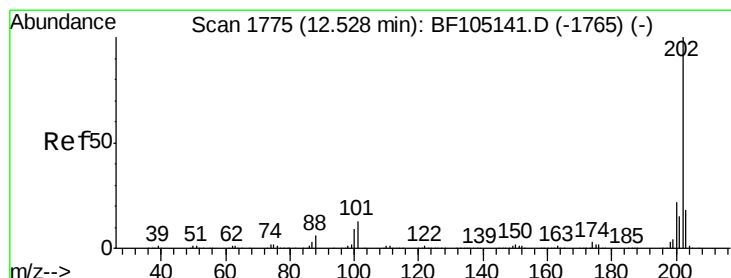
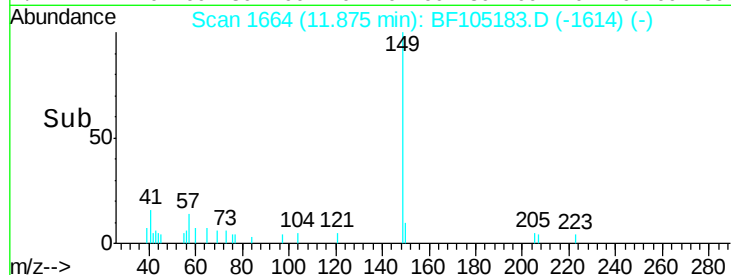
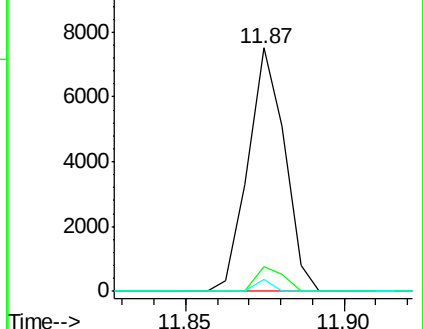
104 5.0 3.8 5.8



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: 0.010 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

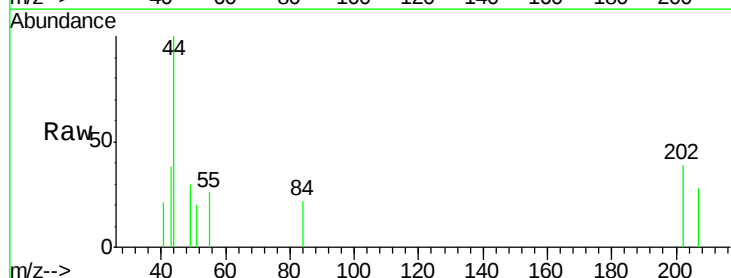
Tgt Ion:202 Resp: 499

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

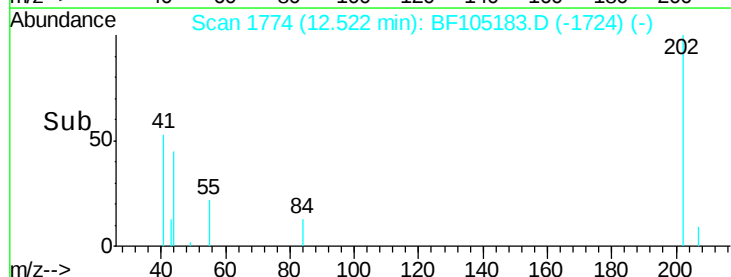
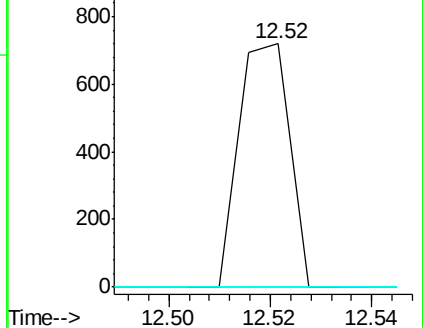
203 0.0 0.0 38.1

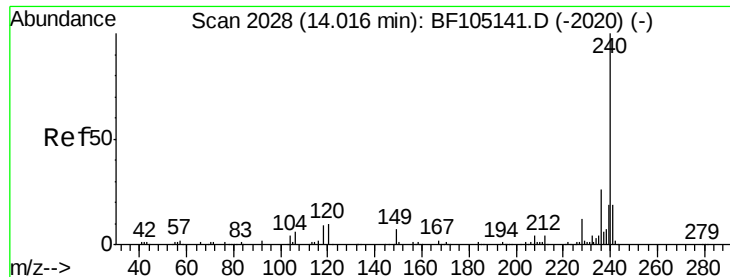


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

Instrument :

BNA_F

ClientSampleId :

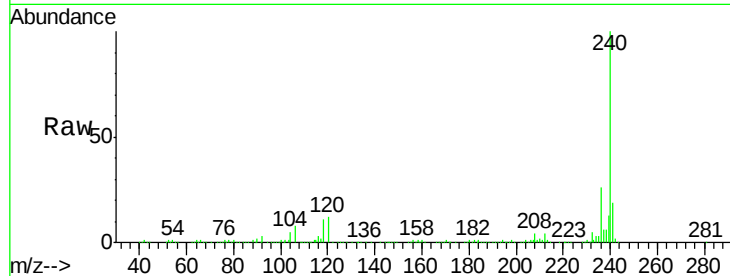
Tot Ion:240 Resp: 740586

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

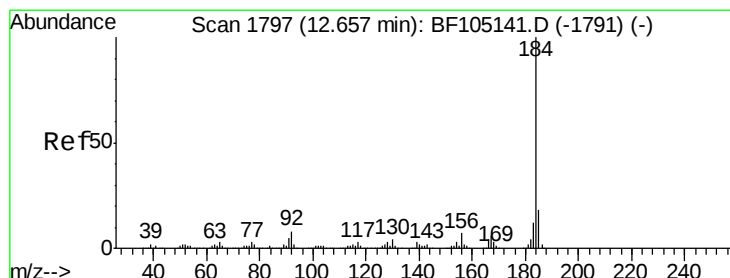
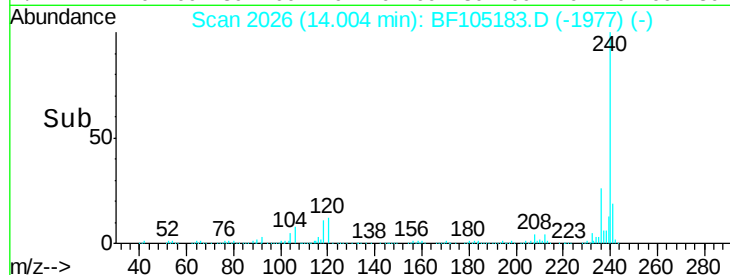
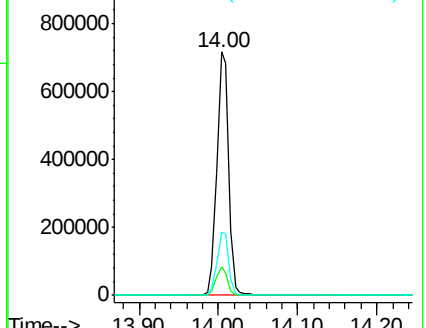
236 26.2 20.7 31.1



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: 1.248 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BF105183.D

Acq: 9 May 2018 9:08

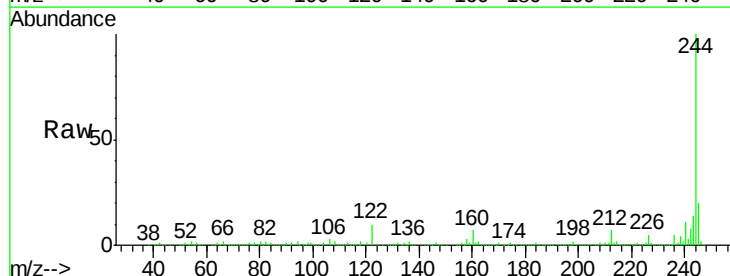
Tgt Ion:184 Resp: 34520

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

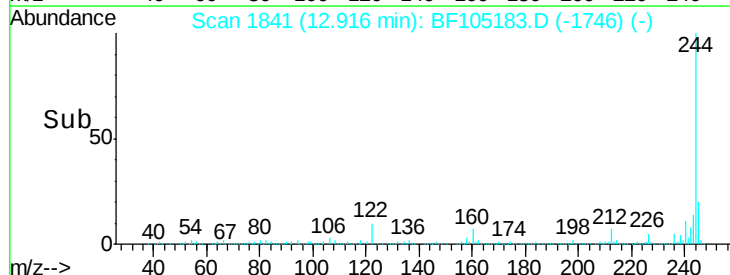
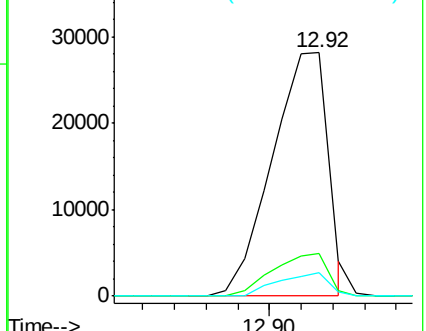
183 9.9 9.3 13.9

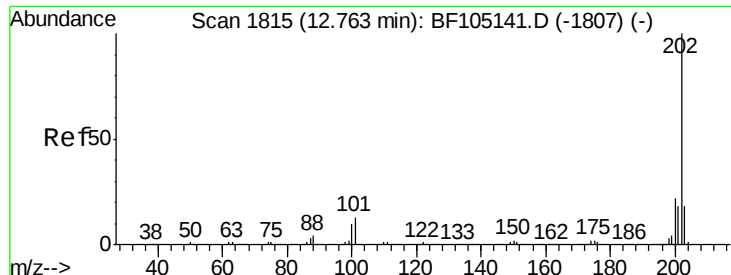


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

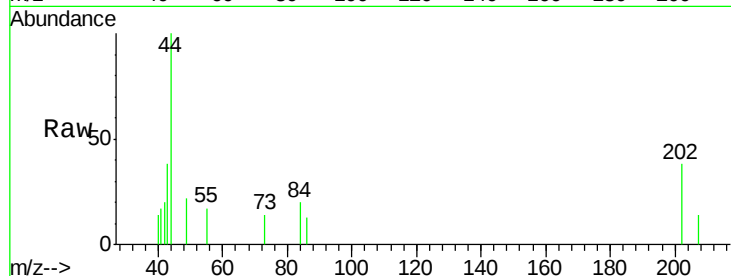




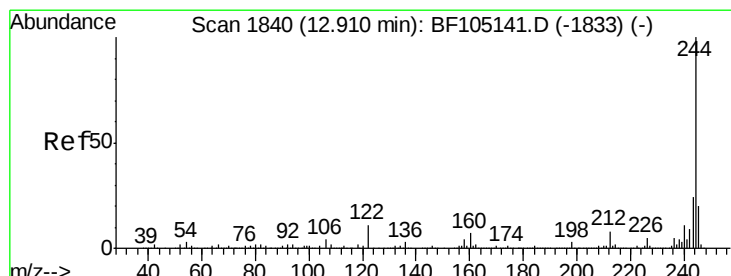
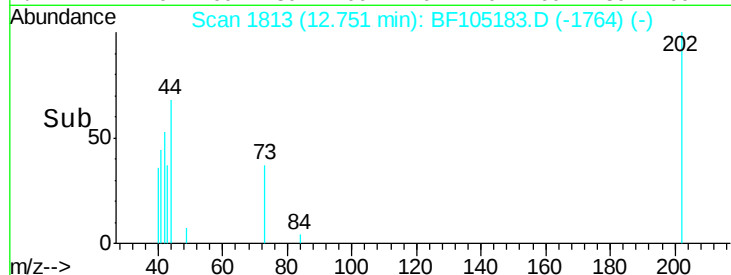
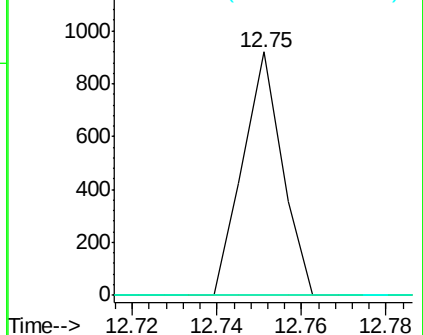
#77
Pvrene
Concen: 0.011 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 600
Ion Ratio Lower Upper
202 100
200 0.0 17.4 26.2#
203 0.0 14.3 21.5#

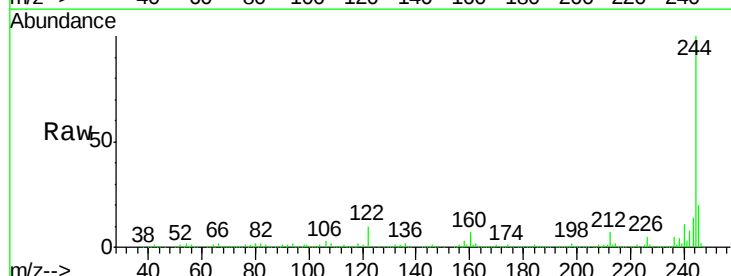


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

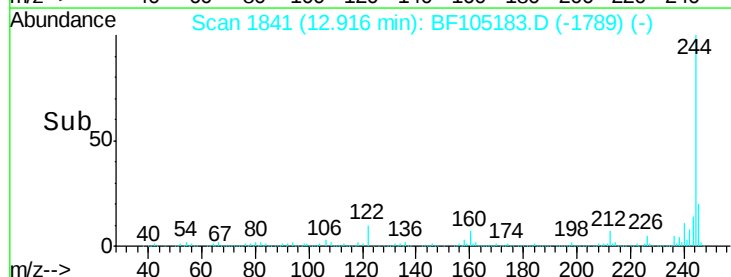
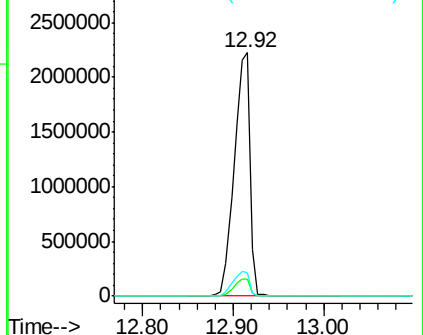


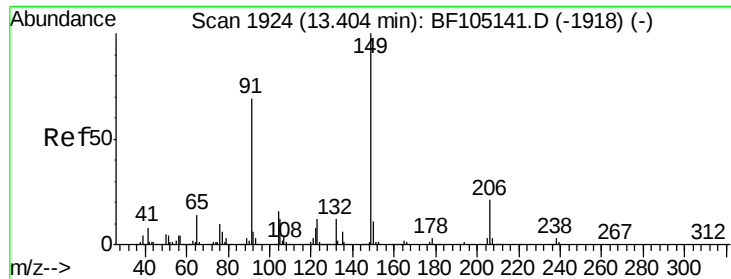
#78
Terphenyl-d14
Concen: 85.579 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:244 Resp: 2728485
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 9.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

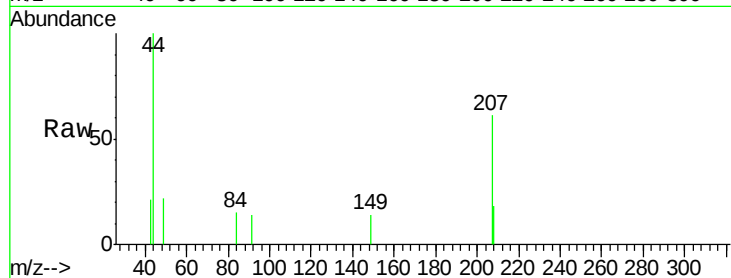




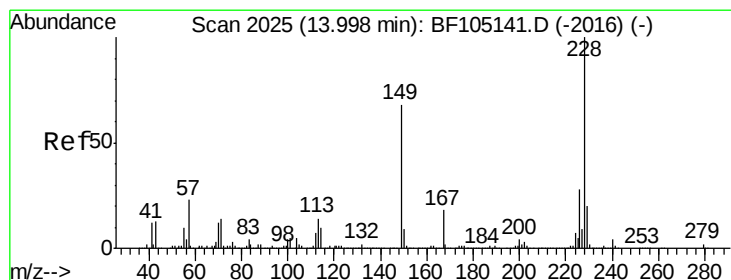
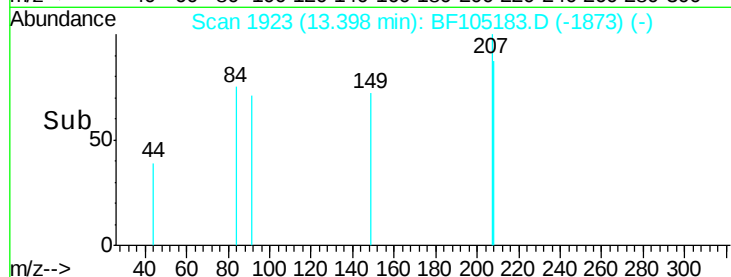
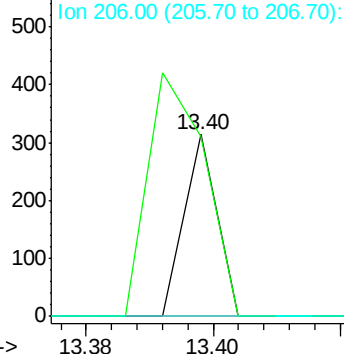
#79
Butylbenzylphthalate
Concen: 6.904 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 111
Ion Ratio Lower Upper
149 100
91 99.0 56.8 85.2#
206 0.0 14.1 21.1#

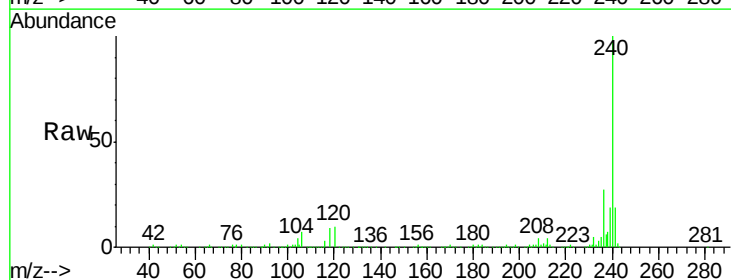


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

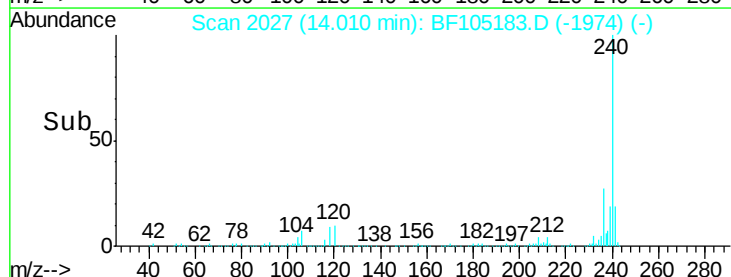
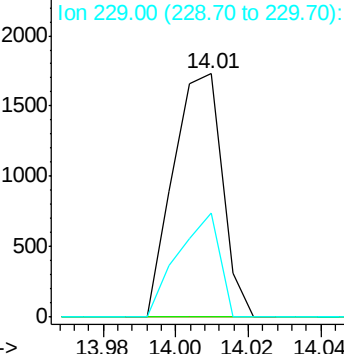


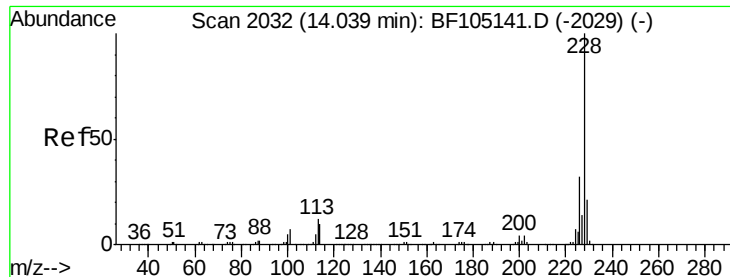
#80
Benzo(a)anthracene
Concen: 0.036 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:228 Resp: 1620
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 42.6 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

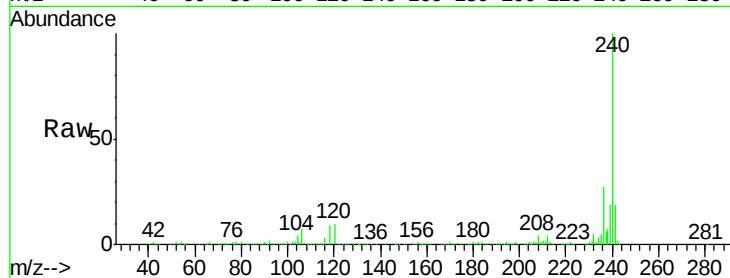




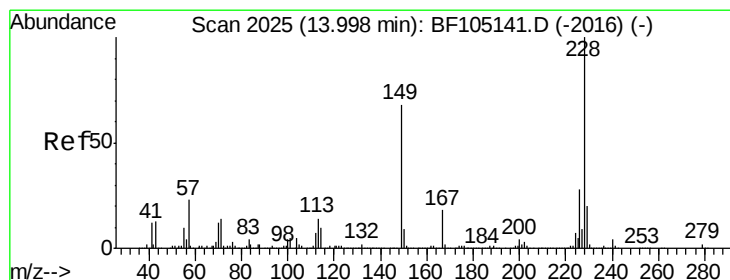
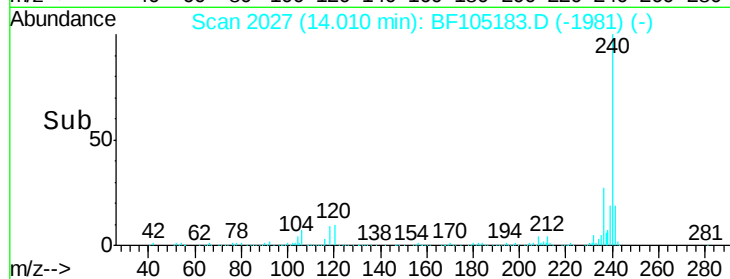
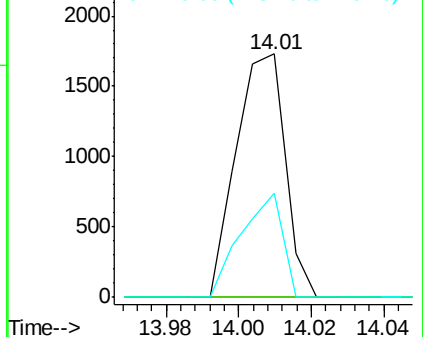
#82
 Chrysene
 Concen: 0.035 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	42.6	16.2	24.4#

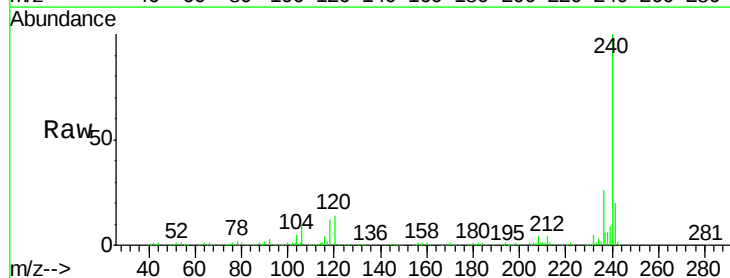


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

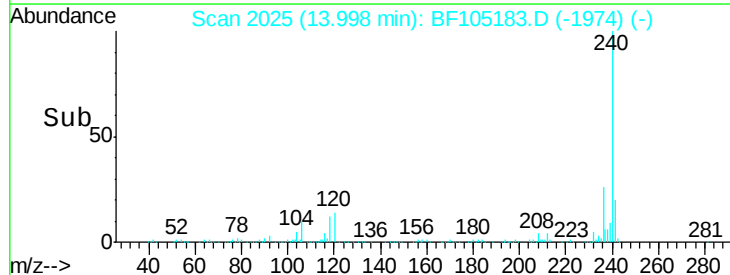
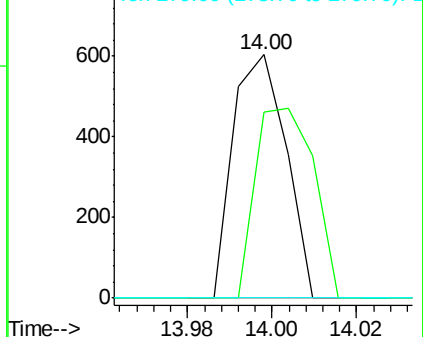


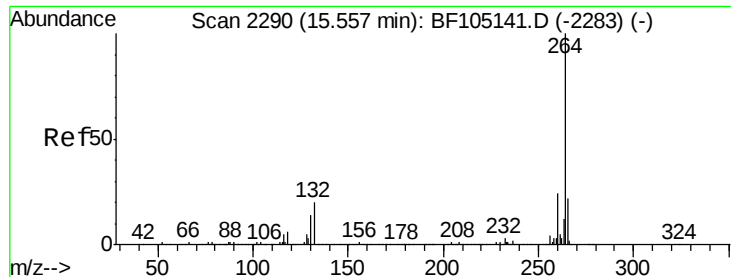
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.024 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF105183.D
 Acq: 9 May 2018 9:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	76.3	21.3	31.9#
279	0.0	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

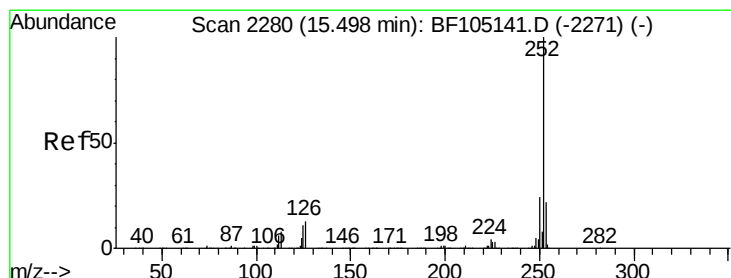
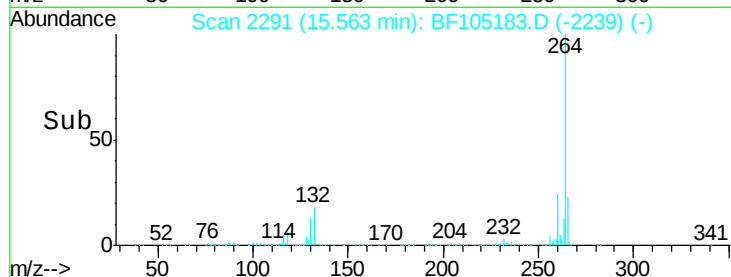
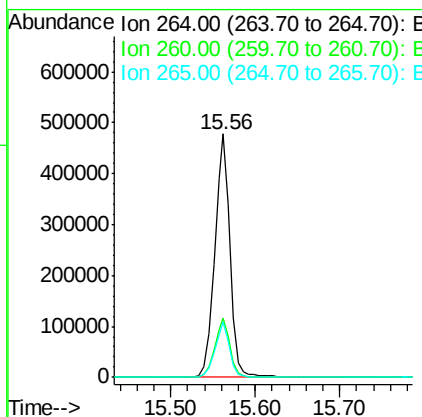
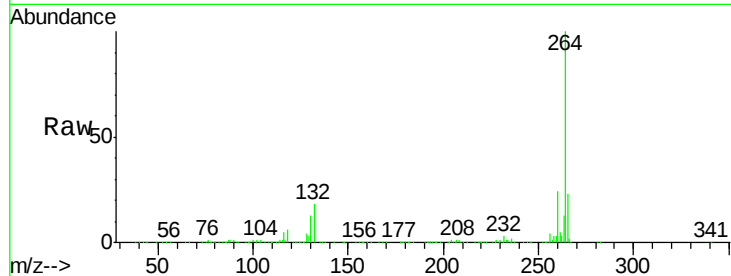




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 611740
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.6 17.5 26.3



#89
Benzo(a)pyrene
Concen: 0.062 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.06 min
Lab File: BF105183.D
Acq: 9 May 2018 9:08

Tgt Ion:252 Resp: 2119
Ion Ratio Lower Upper
252 100
253 28.6 17.1 25.7#
125 22.9 9.8 14.6#

