

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105184.D
 Acq On : 9 May 2018 9:34
 Operator : JU/SJ
 Sample : J2754-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:44:36 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	217262	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	869254	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	432422	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	851190	20.00	ng	0.00
75) Chrysene-d12	14.00	240	724778	20.00	ng	-0.02
86) Perylene-d12	15.54	264	603519	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1585017	120.19	ng	0.02
7) Phenol-d6	6.43	99	1761390	112.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	1381400	107.70	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	722554	151.45	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2418159	86.80	ng	0.00
78) Terphenyl-d14	12.91	244	2787410	89.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	110	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.21	42	157	0.017	ng	# 1
6) Aniline	6.42	93	118	0.005	ng	# 1
8) 2-Chlorophenol	6.57	128	759	0.054	ng	# 1
9) Benzaldehyde	6.56	77	40637	3.376	ng	83
10) Phenol	6.43	94	168	0.010	ng	# 1
11) bis(2-Chloroethyl)ether	6.56	93	2148	0.149	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	345	0.020	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	345	0.020	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	345	0.022	ng	# 1
15) Benzyl Alcohol	6.95	79	21755	1.810	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	7.06	45	246	0.009	ng	70
17) 2-Methylphenol	6.95	107	115	0.010	ng	# 1
18) Hexachloroethane	7.32	117	353	0.065	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	190179	18.292	ng	# 83
20) 3+4-Methylphenols	6.95	107	115	0.008	ng	# 1
22) Acetophenone	7.19	105	2728	0.135	ng	# 88
24) Nitrobenzene	7.36	77	4237	0.291	ng	# 26
25) Isophorone	7.36	82	1381386	48.159	ng	# 64
27) 2,4-Dimethylphenol	7.78	122	253	0.020	ng	# 4
28) bis(2-Chloroethoxy)methane	8.07	93	113	0.006	ng	# 1
31) Naphthalene	8.09	128	7041	0.168	ng	# 98
32) Benzoic acid	7.78	122	253	9.175	ng	# 30
33) 4-Chloroaniline	8.09	127	1029	0.059	ng	# 28
35) Caprolactam	8.46	113	119	0.033	ng	# 82
37) 2-Methylnaphthalene	8.88	142	2456	0.084	ng	97
45) 1,1'-Biphenyl	9.25	154	8807	0.250	ng	99
47) 2-Nitroaniline	9.15	65	4578	6.330	ng	# 1
48) Acenaphthylene	9.86	152	547	0.013	ng	# 1
50) 2,6-Dinitrotoluene	9.82	165	56054	8.825	ng	# 26
51) Acenaphthene	9.86	154	791	0.030	ng	# 93
52) 3-Nitroaniline	9.92	138	336	0.050	ng	# 2
54) Dibenzofuran	10.03	168	626	0.016	ng	# 45
55) 4-Nitrophenol	10.02	139	151	4.324	ng	# 9

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 Misc :
 ALS Vial : 36 Sample Multiplier: 1

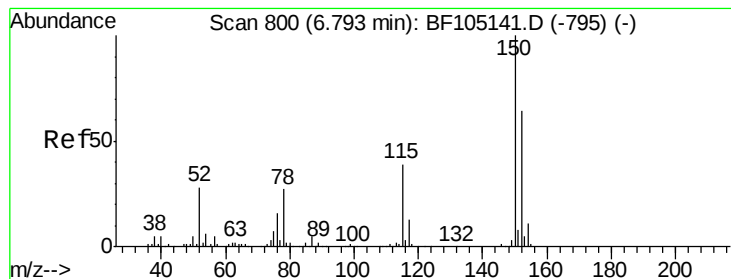
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:44:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 2,4-Dinitrotoluene	9.82	165	56054	9.746	nq	# 23
57) Fluorene	10.37	166	795	0.028	nq	# 74
59) Diethylphthalate	10.25	149	5847	0.203	nq	# 86
62) Azobenzene	10.62	77	3222	0.107	nq	# 5
64) 4,6-Dinitro-2-methylphenol	10.61	198	1662	9.312	nq	# 1
65) n-Nitrosodiphenylamine	10.62	169	18547	0.699	nq	# 46
66) 4-Bromophenyl-phenylether	10.62	248	41450	4.566	nq	# 1
70) Phenanthrene	11.33	178	2472	0.055	nq	96
71) Anthracene	11.33	178	2472	0.054	nq	96
73) Di-n-butylphthalate	11.87	149	5548	0.126	nq	# 92
74) Fluoranthene	12.52	202	355	0.008	nq	62
76) Benzydine	12.91	184	35004	1.293	nq	# 94
77) Pyrene	12.75	202	448	0.008	nq	# 57
80) Benzo(a)anthracene	13.99	228	1861	0.042	nq	# 65
82) Chrysene	13.99	228	1861	0.041	nq	# 63
83) Bis(2-ethylhexyl)phthalate	13.99	149	447	0.021	nq	# 1
89) Benzo(a)pyrene	15.54	252	1859	0.055	nq	# 72

(#) = 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: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

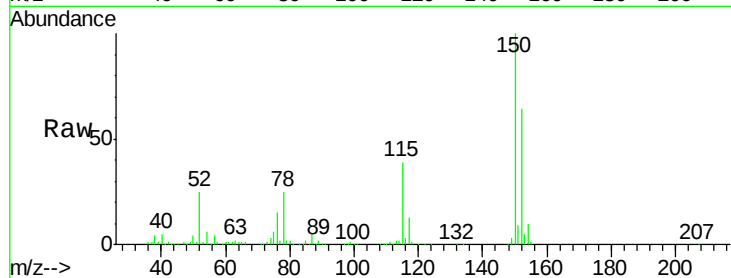
Tot Ion:152 Resp: 217262

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

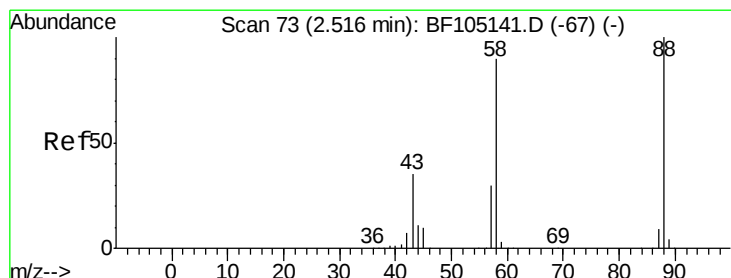
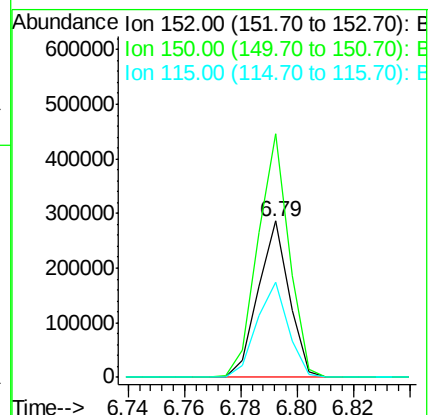
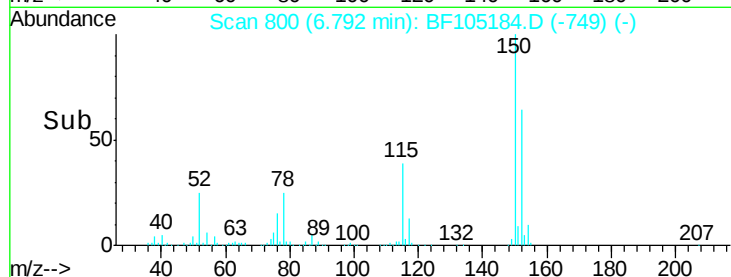
115 61.1 50.1 75.1



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: 0.016 ng

RT: 2.49 min Scan# 68

Delta R.T. -0.03 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

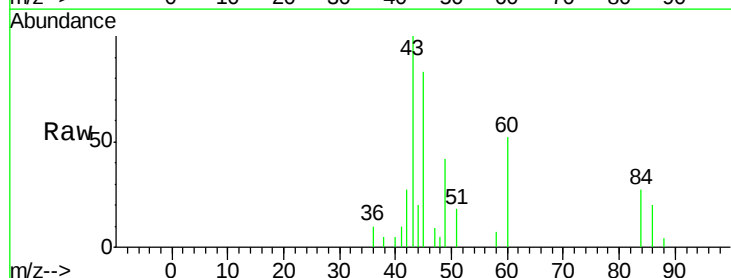
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

58 936.4 62.6 93.8#

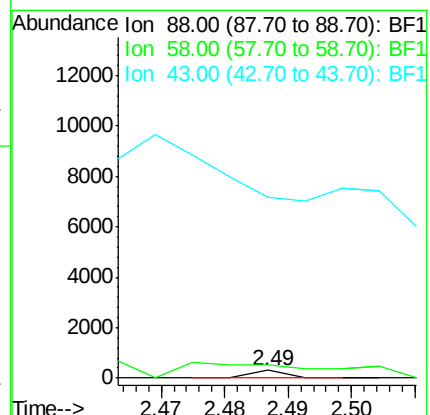
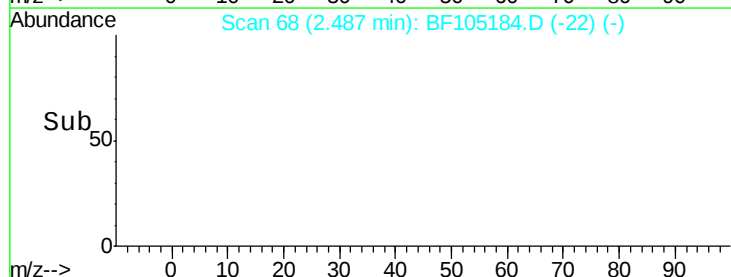
43 0.0 24.6 37.0#

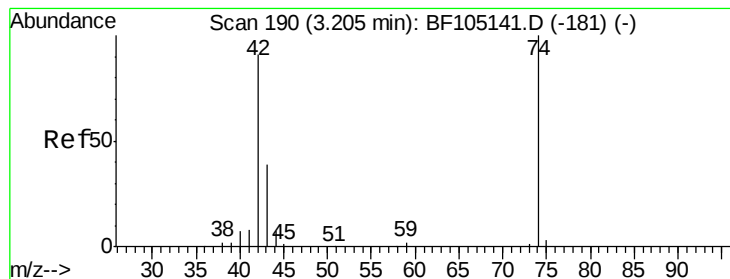


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



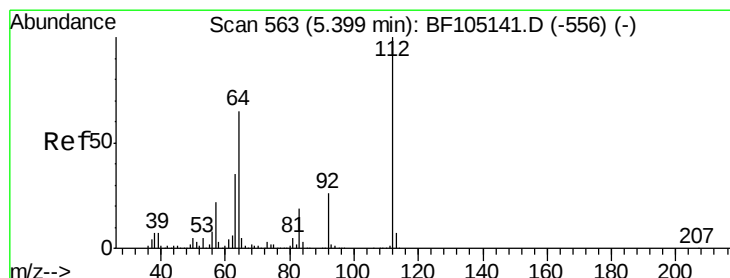
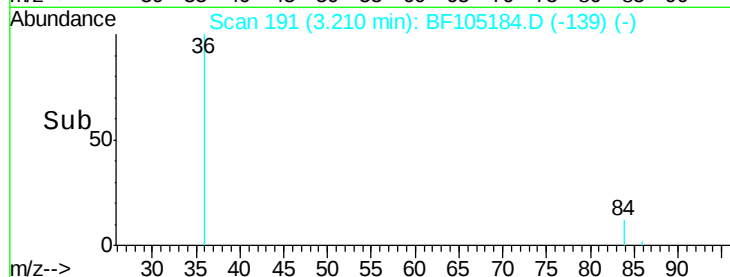
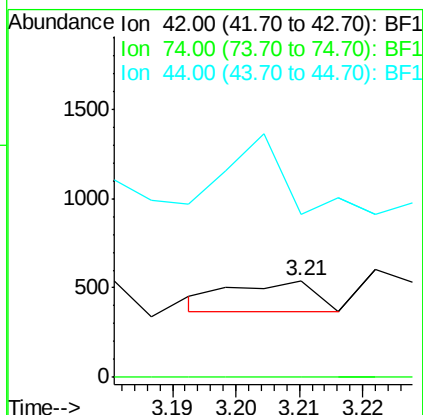
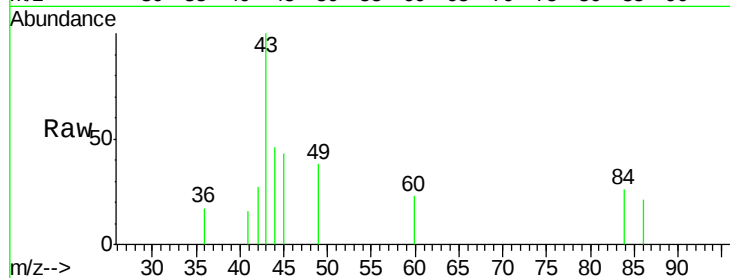


#4

n-Nitrosodimethylamine
 Concen: 0.017 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

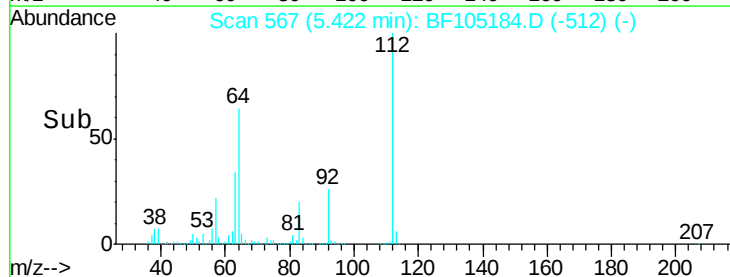
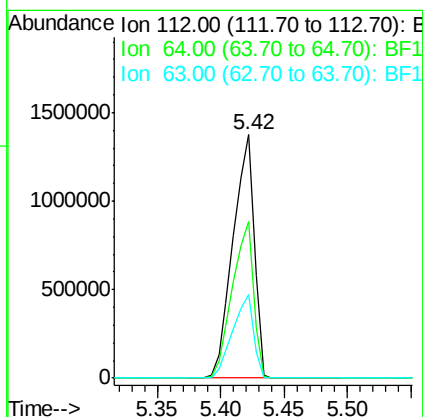
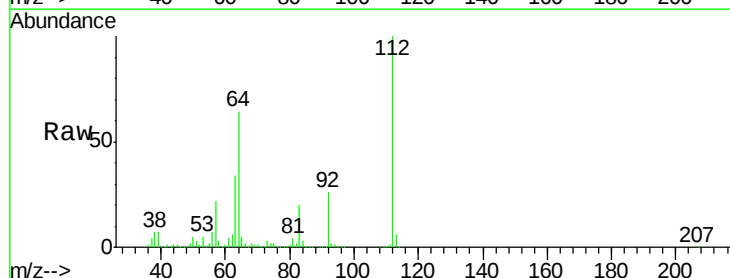
Tot Ion: 42 Resp: 157
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 168.6 6.9 10.3#

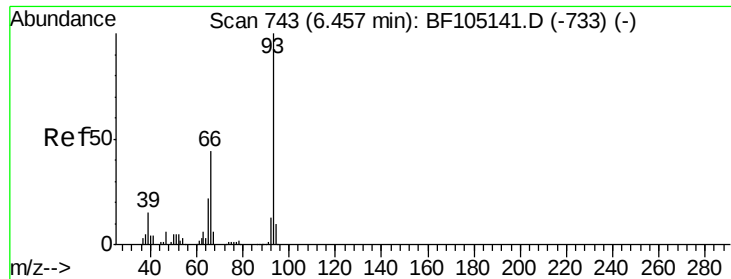


#5

2-Fluorophenol
 Concen: 120.187 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Tgt Ion: 112 Resp: 1585017
 Ion Ratio Lower Upper
 112 100
 64 64.2 47.9 71.9
 63 34.4 23.7 35.5





#6

Aniline

Concen: 0.005 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.04 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

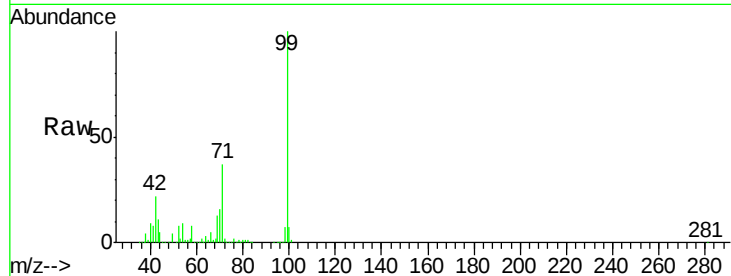
Tot Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

66 21688.9 32.2 48.2#

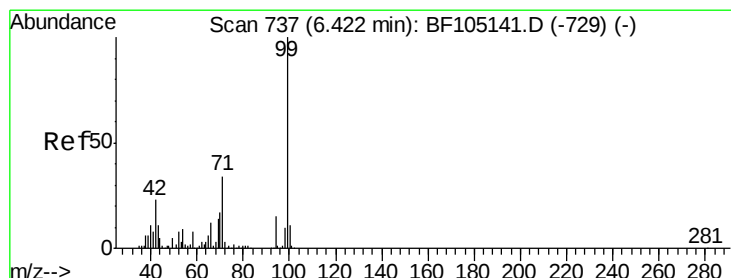
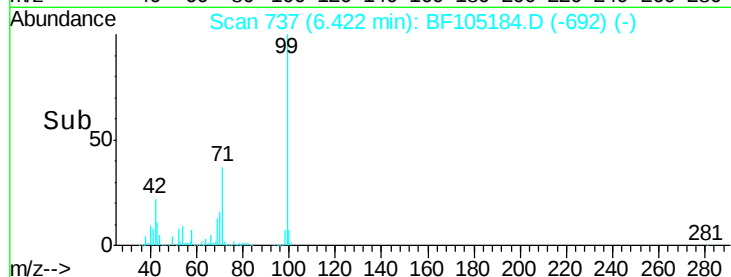
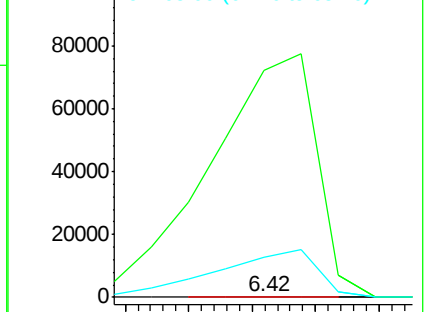
65 3890.4 16.4 24.6#



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: 112.170 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

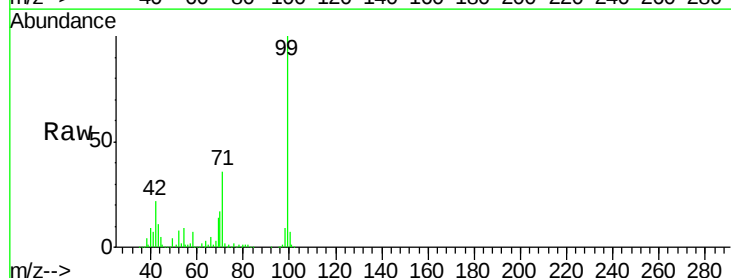
Tgt Ion: 99 Resp: 1761390

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

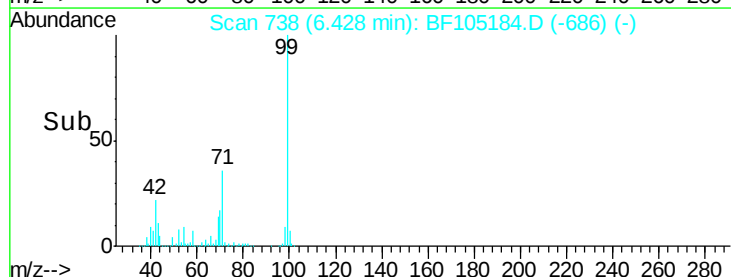
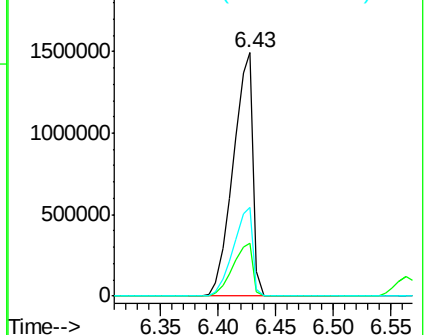
71 36.2 25.4 38.0

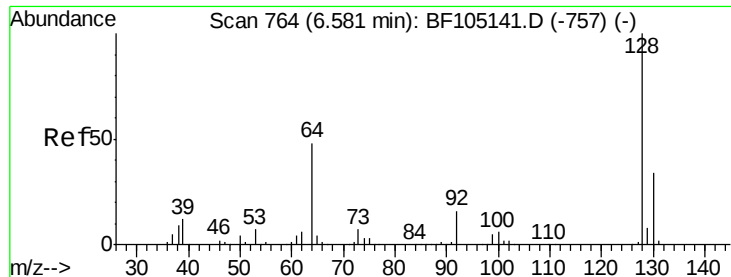


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.054 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

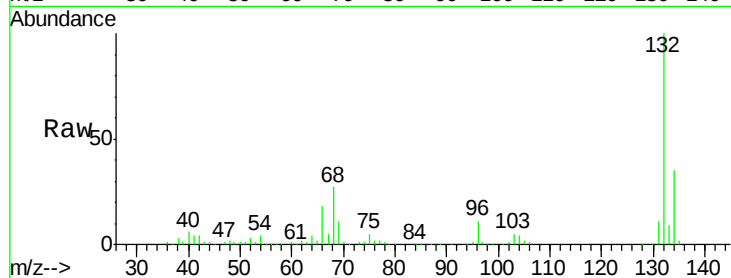
Tot Ion:128 Resp: 759

Ion Ratio Lower Upper

128 100

130 99.2 13.0 53.0#

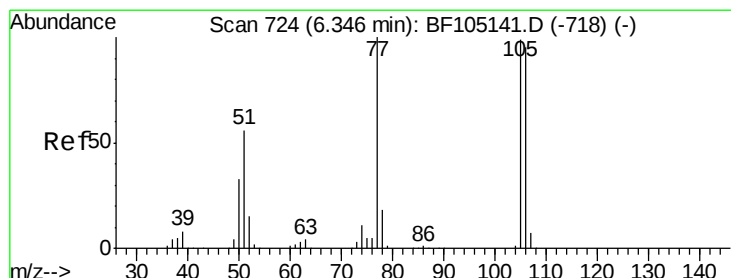
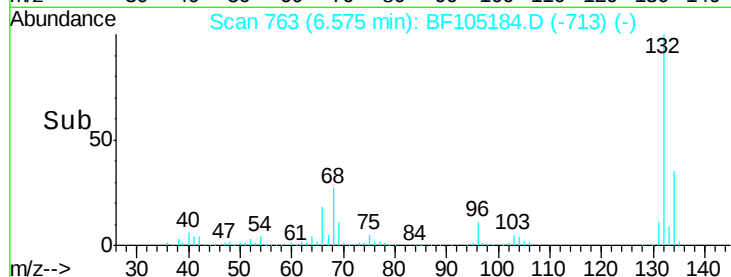
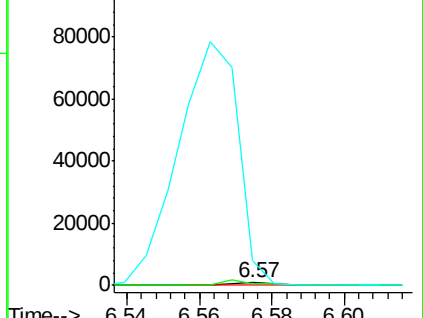
64 1033.6 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 3.376 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.22 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

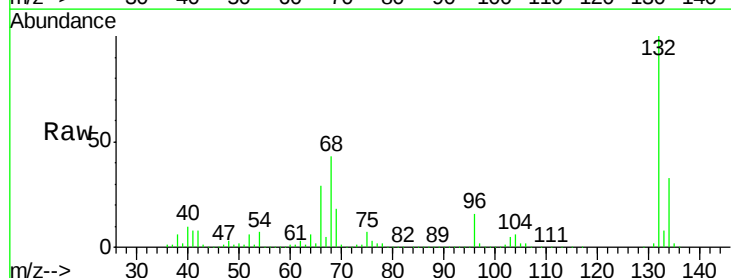
Tgt Ion: 77 Resp: 40637

Ion Ratio Lower Upper

77 100

105 83.5 81.1 121.1

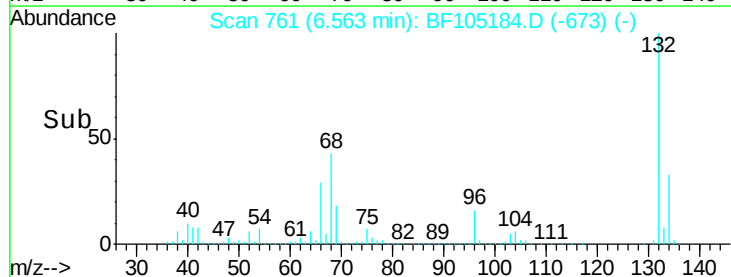
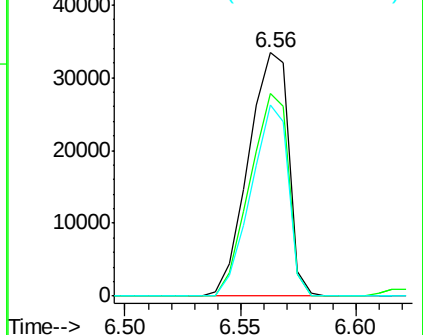
106 78.6 74.5 114.5

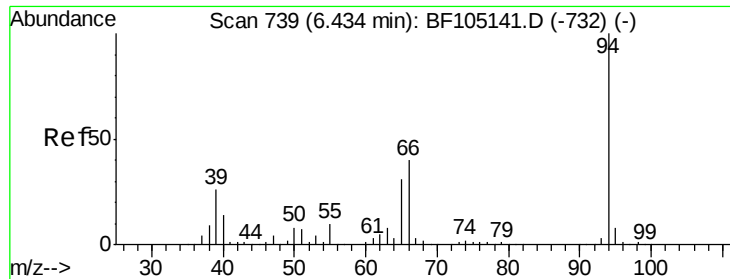


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

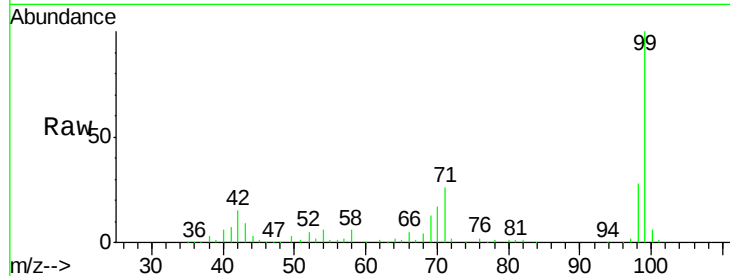




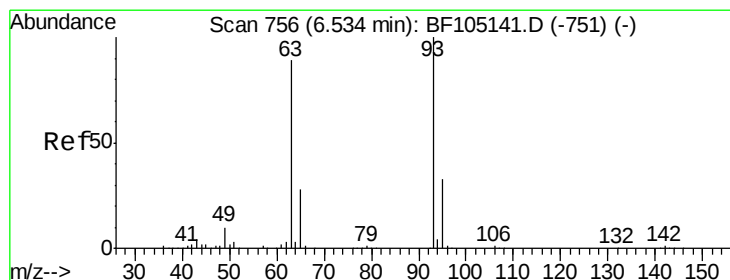
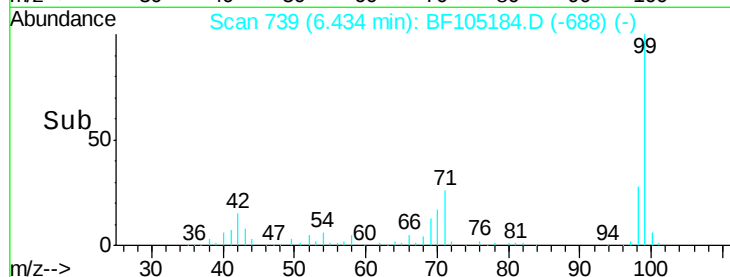
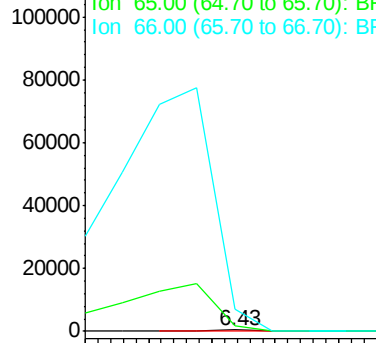
#10
Phenol
Concen: 0.010 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
65 374.1 7.9 47.9#
66 1477.9 16.2 56.2#

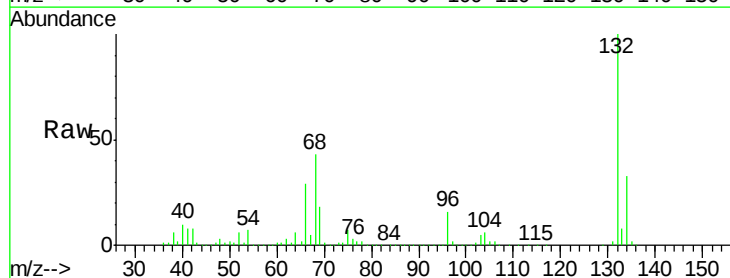


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

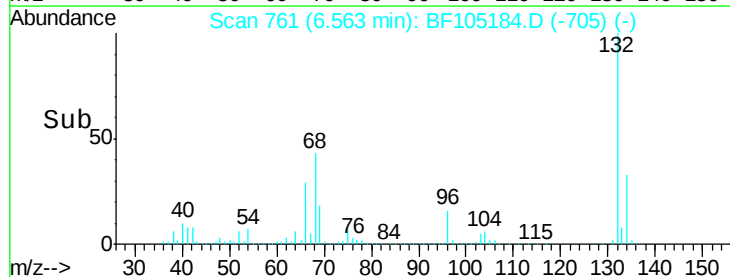
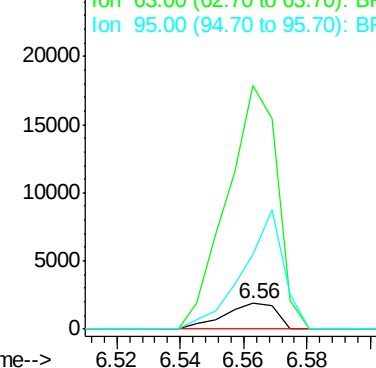


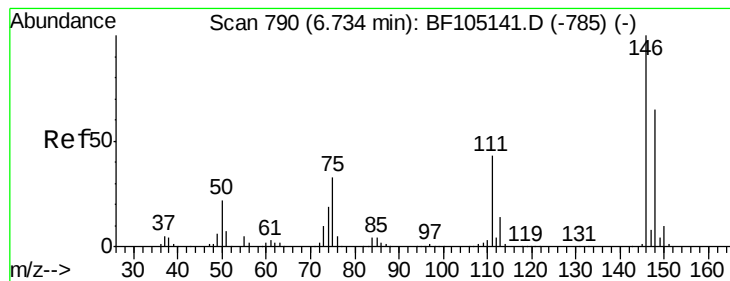
#11
bis(2-Chloroethyl)ether
Concen: 0.149 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion: 93 Resp: 2148
Ion Ratio Lower Upper
93 100
63 954.3 58.6 98.6#
95 293.9 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.21 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampled :

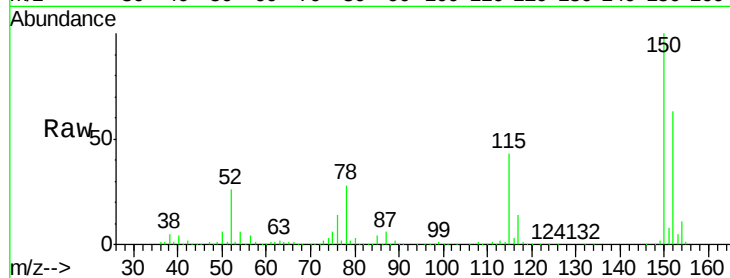
Tot Ion:146 Resp: 345

Ion Ratio Lower Upper

146 100

148 515.9 51.8 77.8#

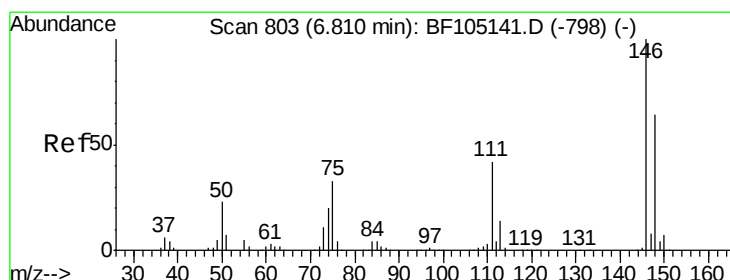
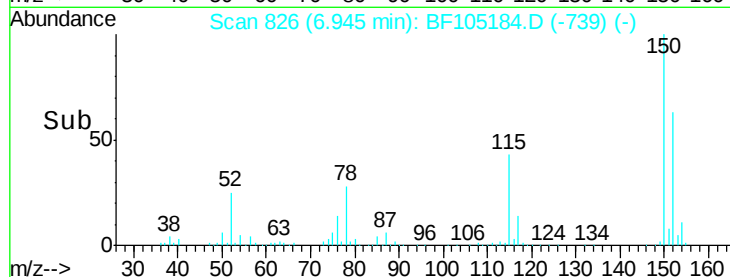
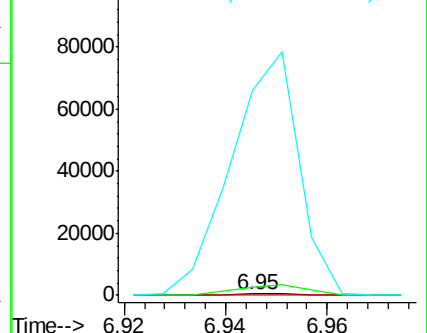
75 13326.9 24.2 36.4#



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: 0.020 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.14 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

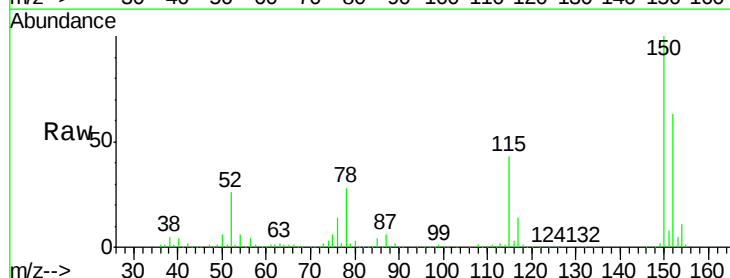
Tgt Ion:146 Resp: 345

Ion Ratio Lower Upper

146 100

148 515.9 50.8 76.2#

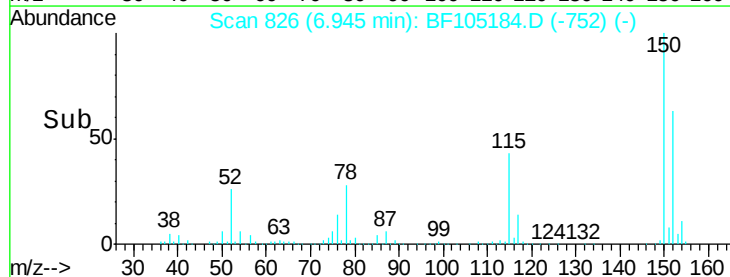
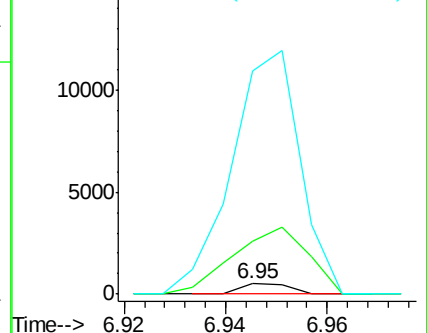
111 2205.2 34.2 51.2#

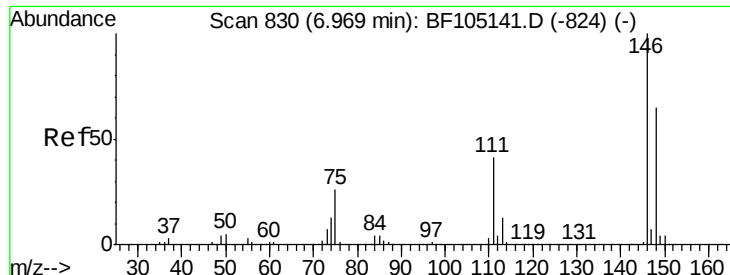


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.022 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

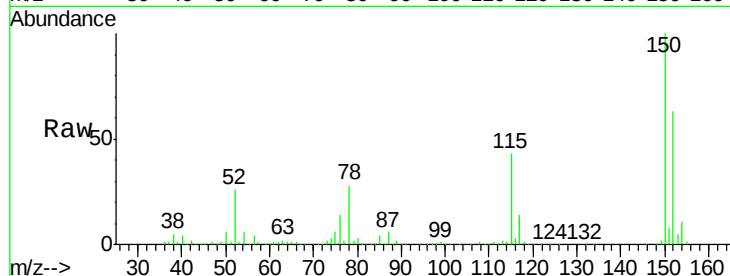
Tot Ion:146 Resp: 345

Ion Ratio Lower Upper

146 100

148 515.9 50.6 75.8#

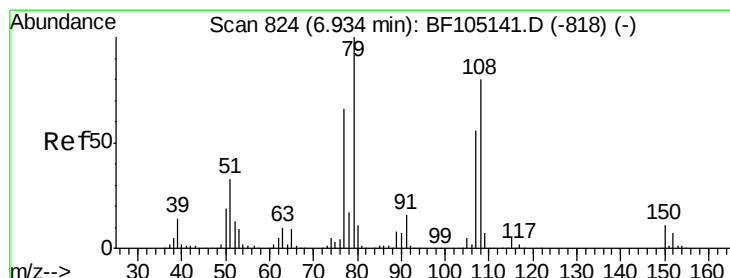
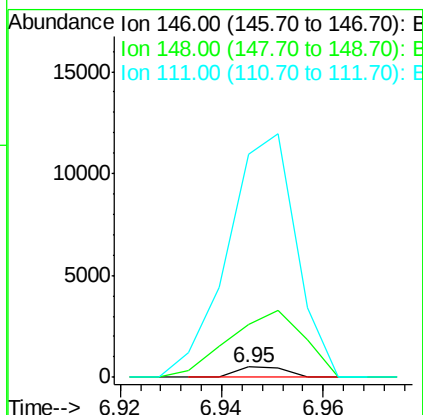
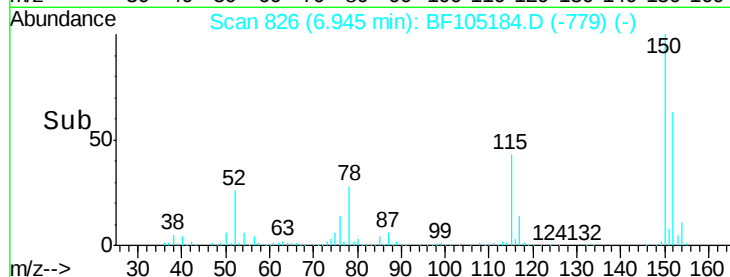
111 2205.2 36.0 54.0#



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: 1.810 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.02 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

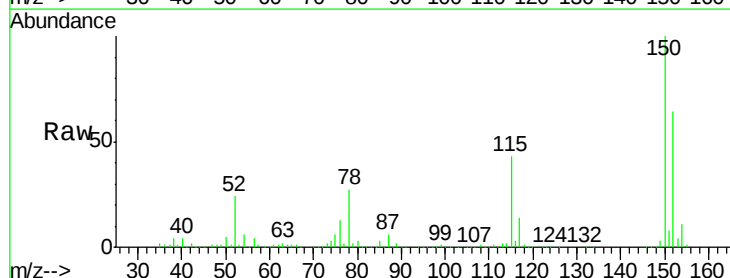
Tgt Ion: 79 Resp: 21755

Ion Ratio Lower Upper

79 100

108 33.7 65.1 97.7#

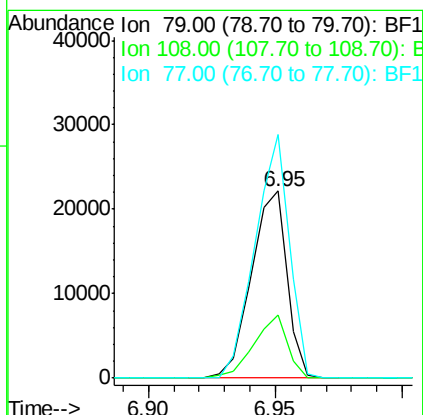
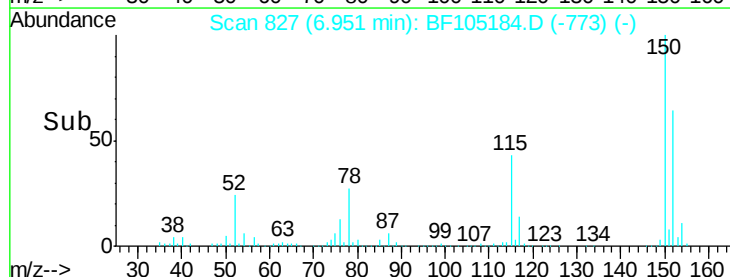
77 130.1 50.6 75.8#

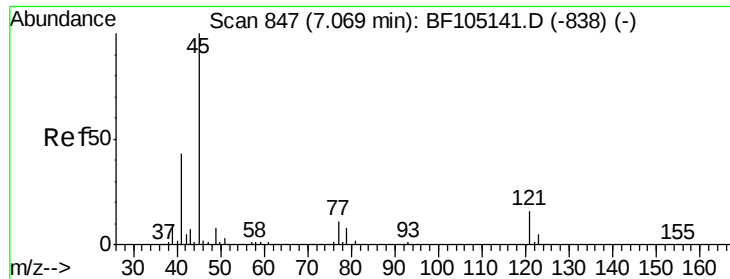


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

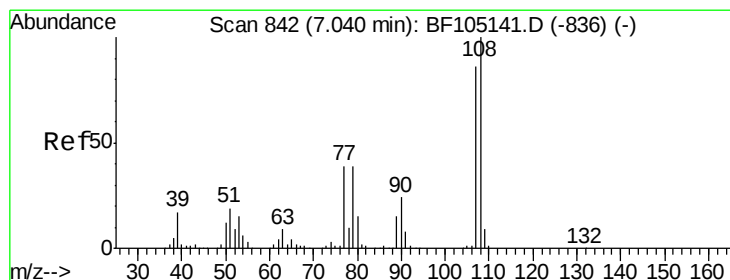
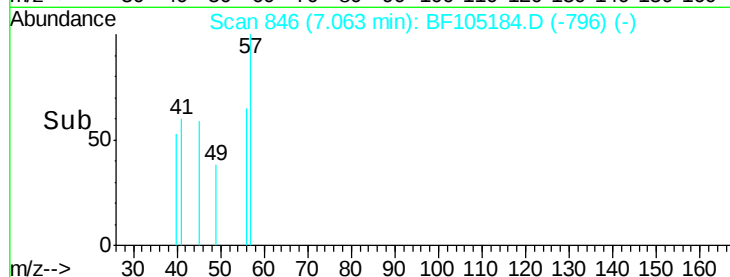
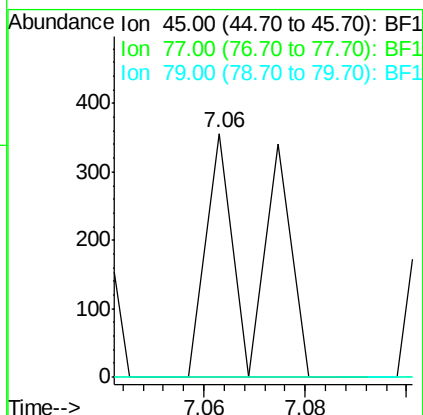
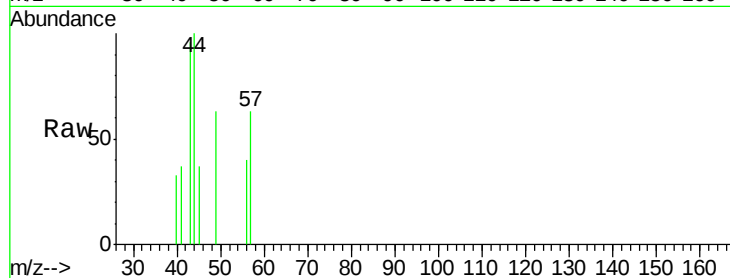




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.009 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

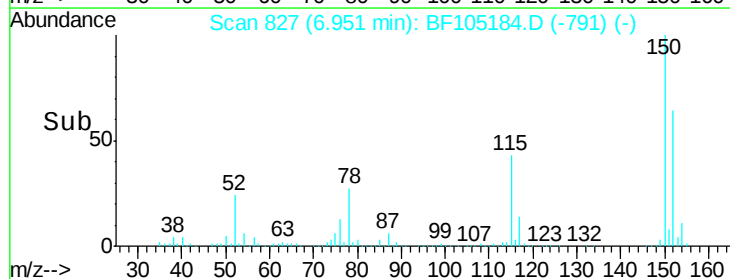
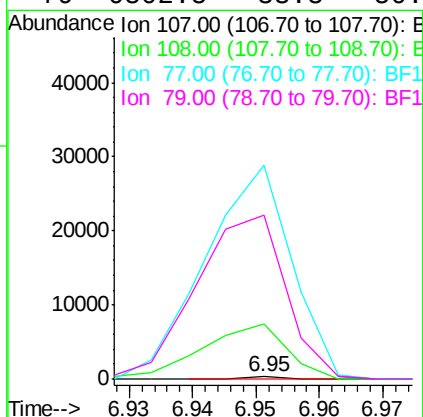
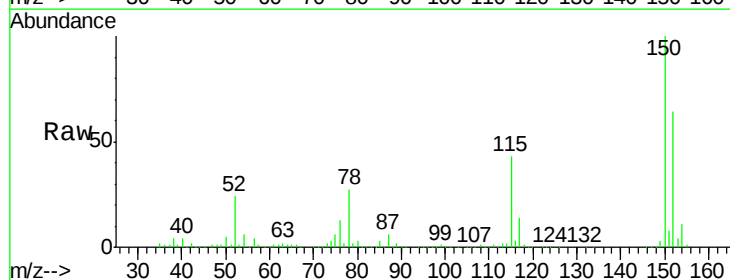
Instrument :
BNA_F
ClientSampleId :

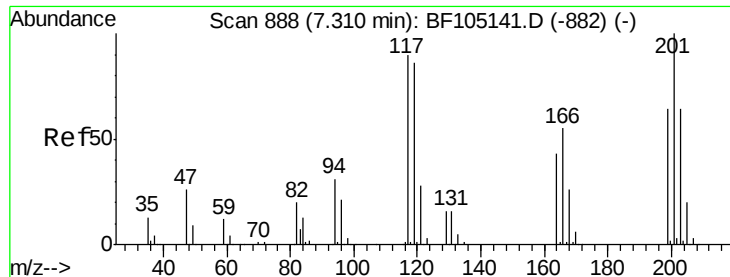
Tot Ion: 45 Resp: 246
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.010 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion: 107 Resp: 115
Ion Ratio Lower Upper
107 100
108 2289.6 91.7 137.5#
77 8846.6 33.8 50.8#
79 6802.5 33.8 50.8#

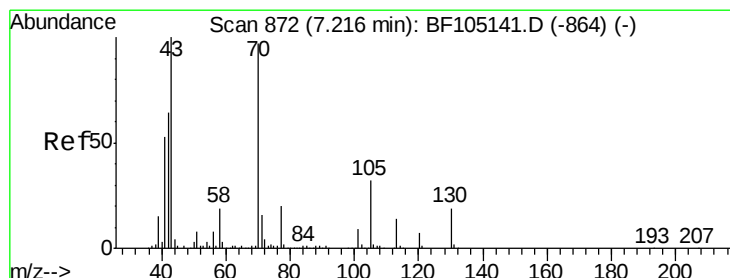
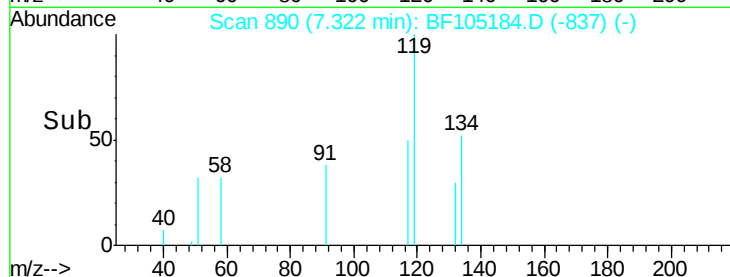
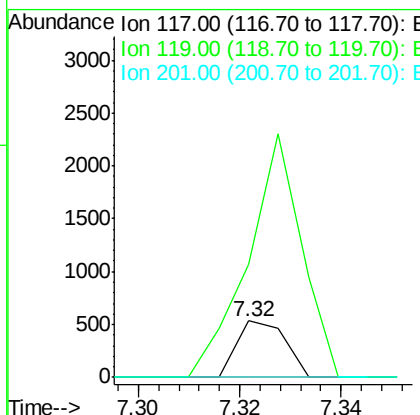
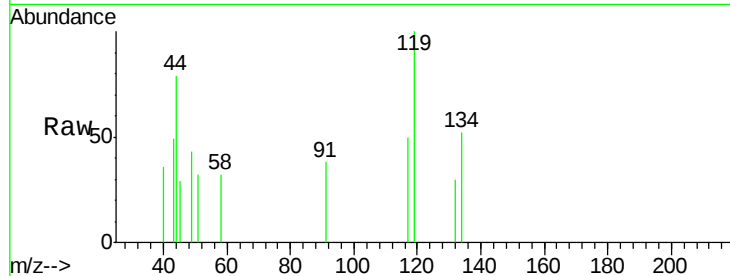




#18
Hexachloroethane
Concen: 0.065 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

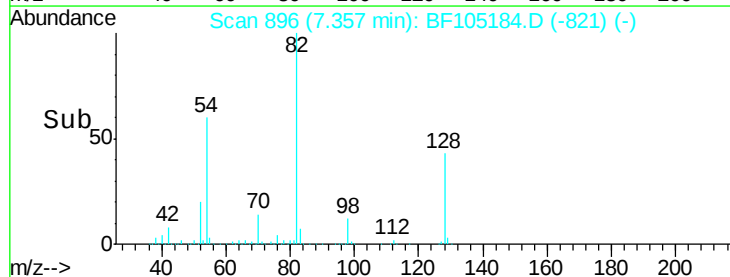
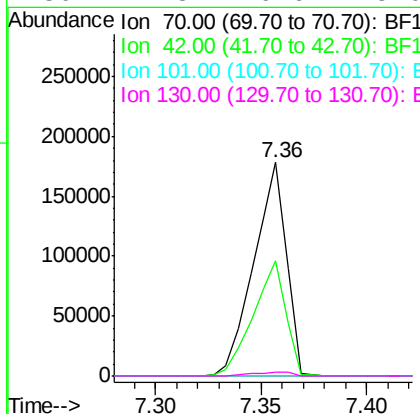
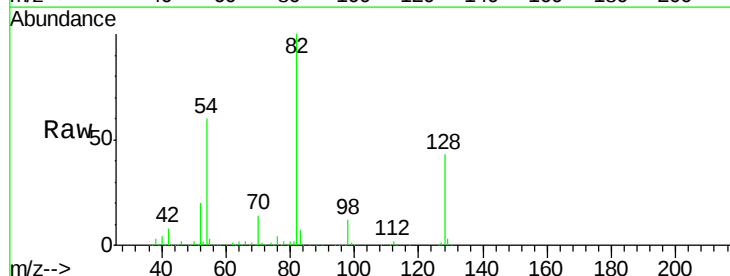
Instrument :
BNA_F
ClientSampleId :

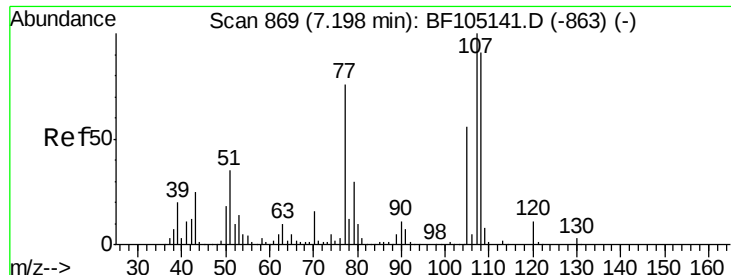
Tot Ion:117 Resp: 353
Ion Ratio Lower Upper
117 100
119 200.9 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.292 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion: 70 Resp: 190179
Ion Ratio Lower Upper
70 100
42 53.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#

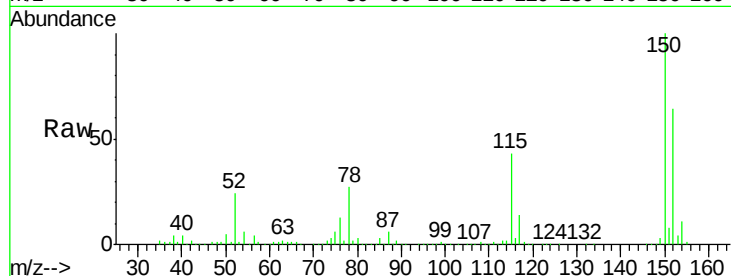




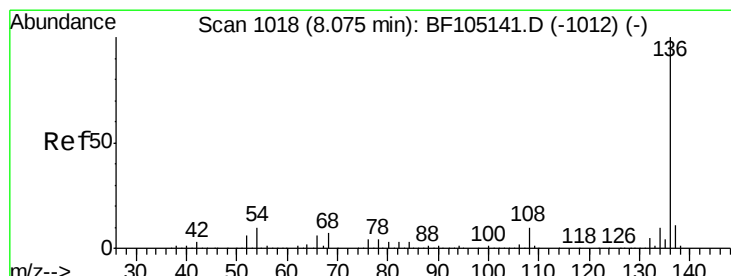
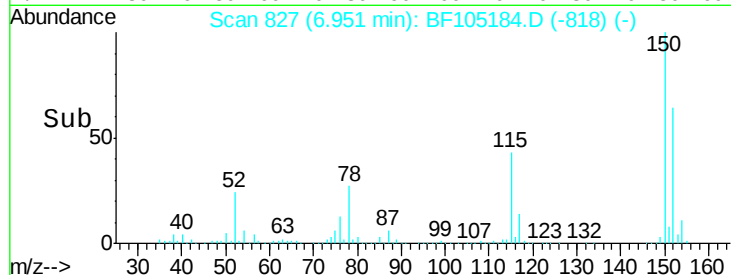
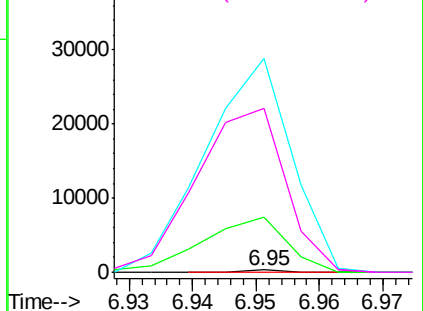
#20
 3+4-Methylphenols
 Concen: 0.008 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.25 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 115
 Ion Ratio Lower Upper
 107 100
 108 2289.6 68.2 108.2#
 77 8846.6 26.7 66.7#
 79 6802.5 6.3 46.3#



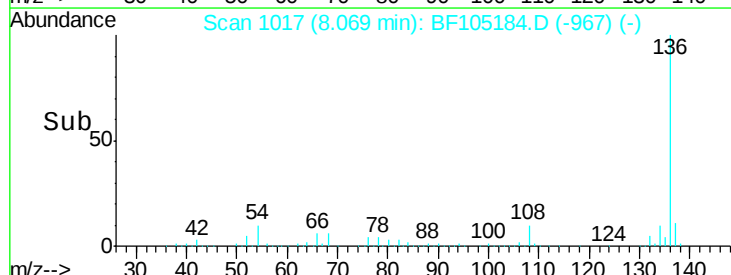
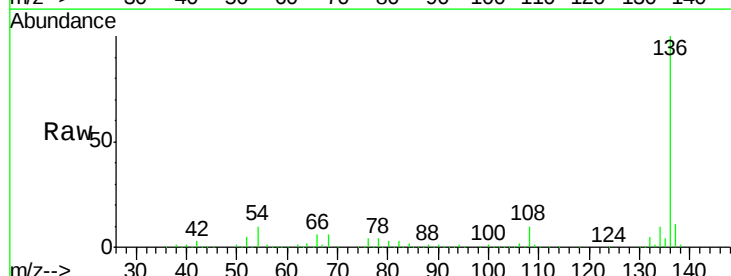
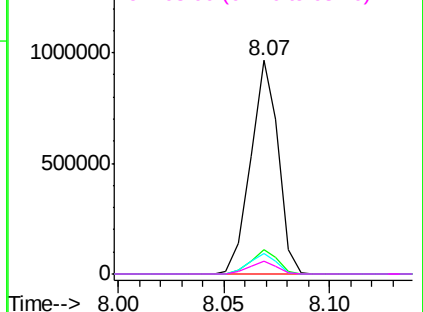
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

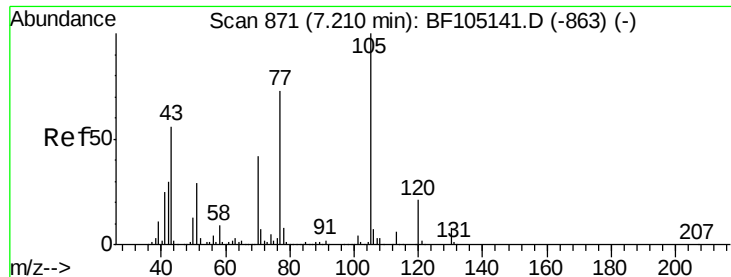


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Tgt Ion:136 Resp: 869254
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.9 13.3
 54 9.8 6.6 9.8
 68 6.2 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

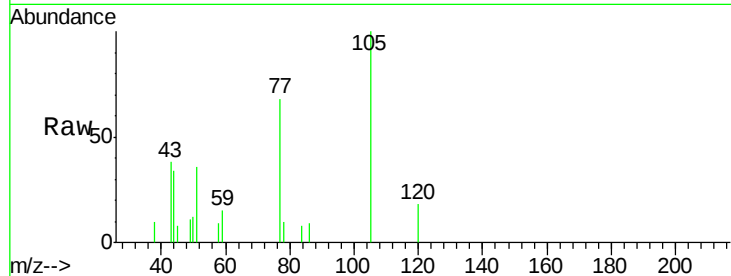




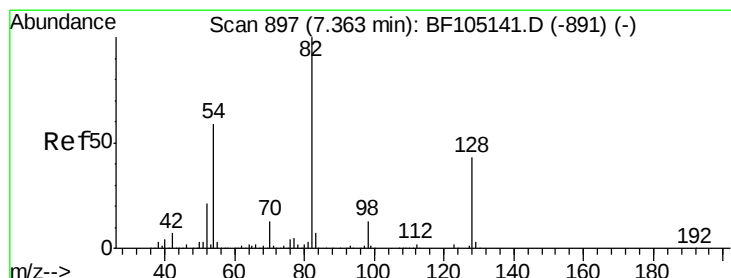
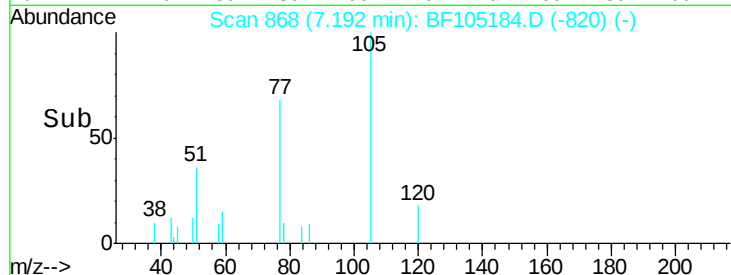
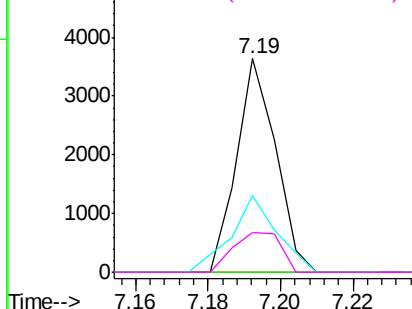
#22
Acetophenone
Concen: 0.135 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 2728
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 35.9 22.3 33.5#
120 18.5 16.9 25.3

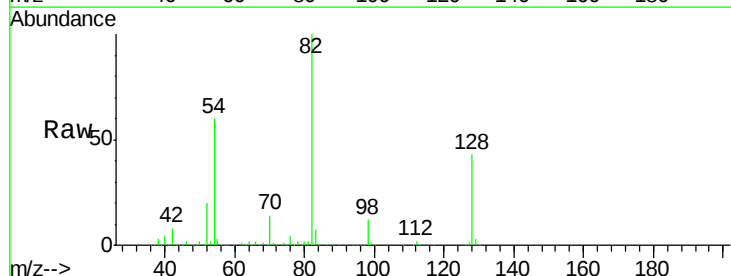


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

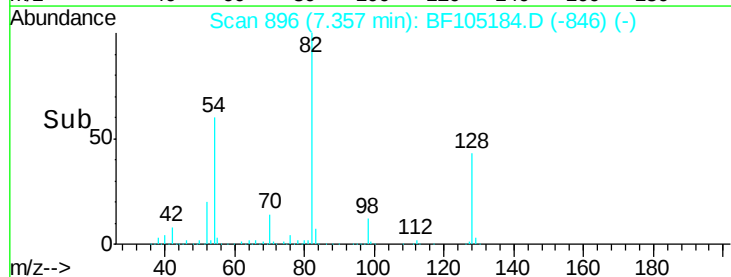
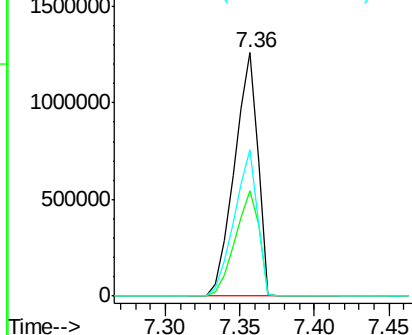


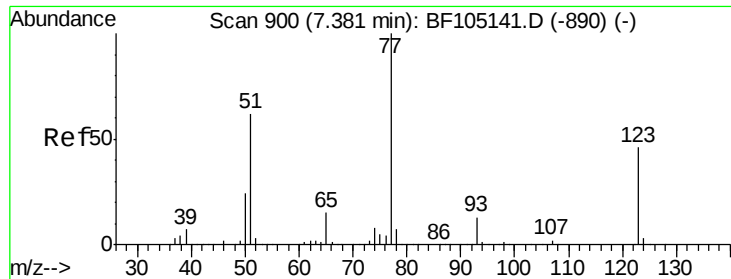
#23
Nitrobenzene-d5
Concen: 107.704 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion: 82 Resp: 1381400
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 60.0 41.4 62.2



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

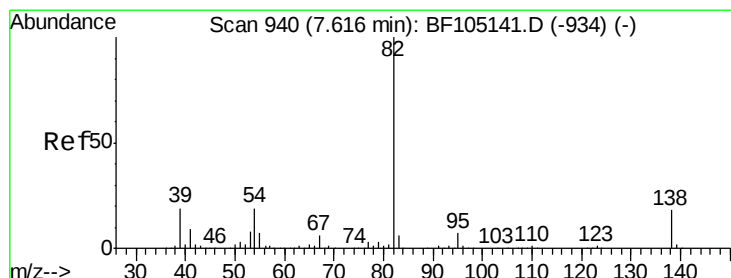
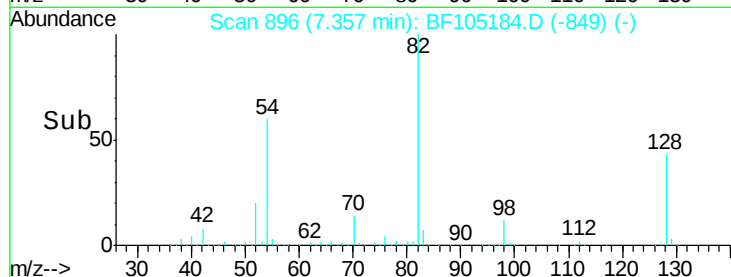
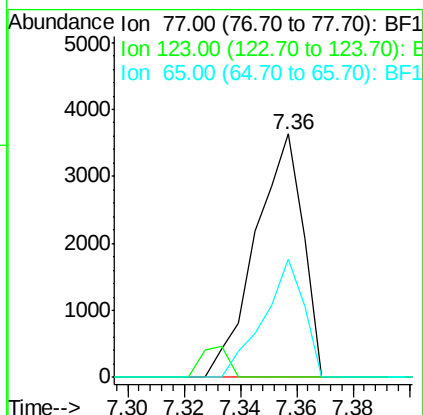
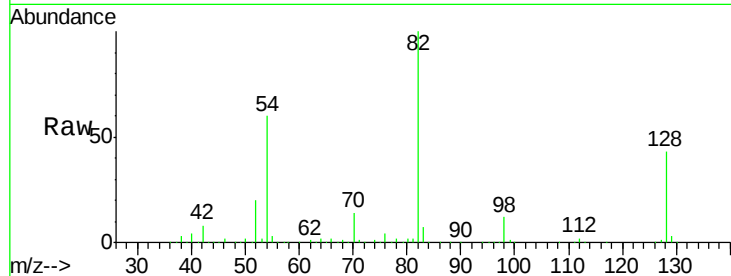




#24
Nitrobenzene
Concen: 0.291 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

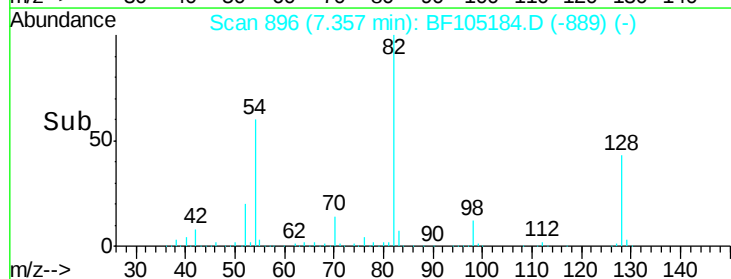
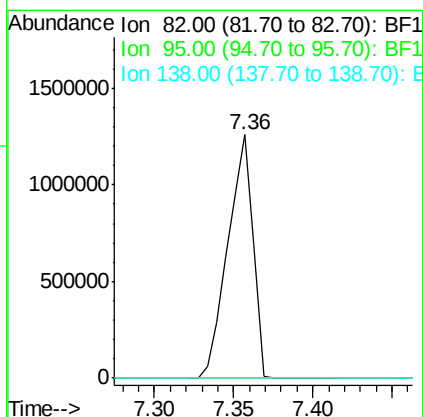
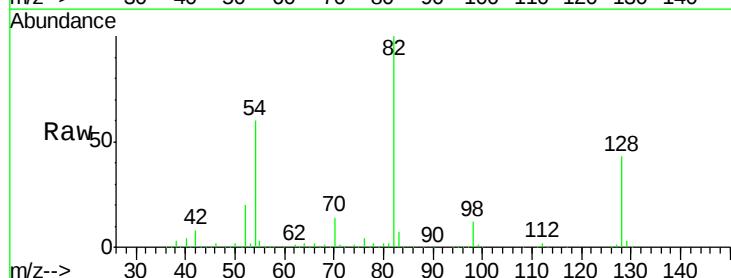
Instrument :
BNA_F
ClientSampled :

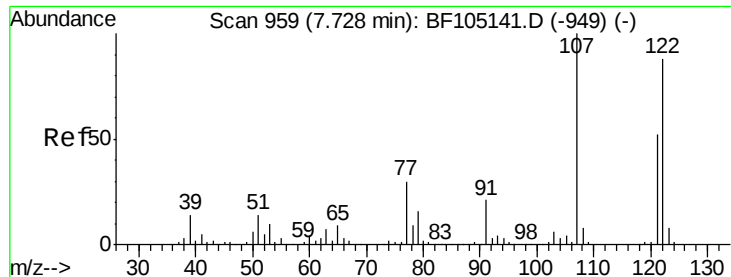
Tot Ion: 77 Resp: 4237
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 48.5 11.0 16.4#



#25
Isophorone
Concen: 48.159 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion: 82 Resp: 1381386
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

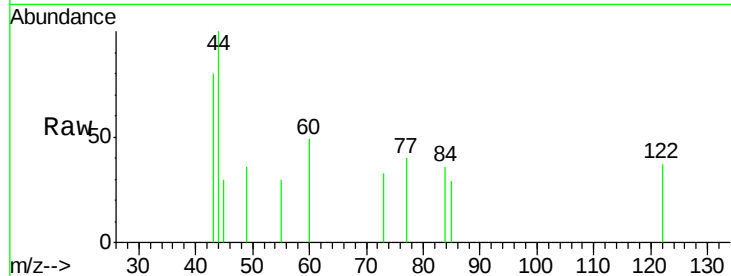




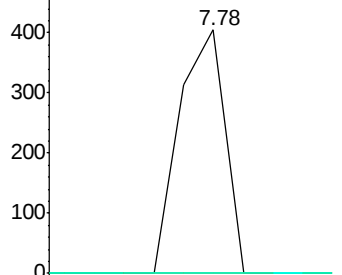
#27
2,4-Dimethylphenol
Concen: 0.020 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.05 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Instrument :
BNA_F
ClientSampled :

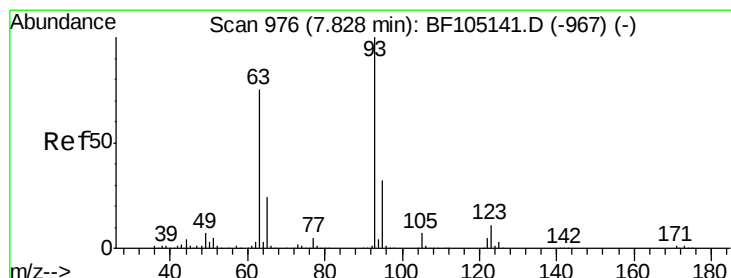
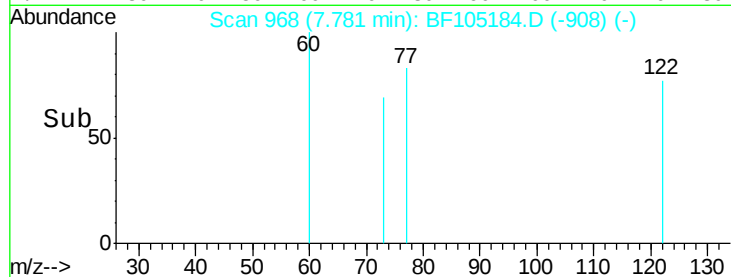
Tot Ion:122 Resp: 253
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

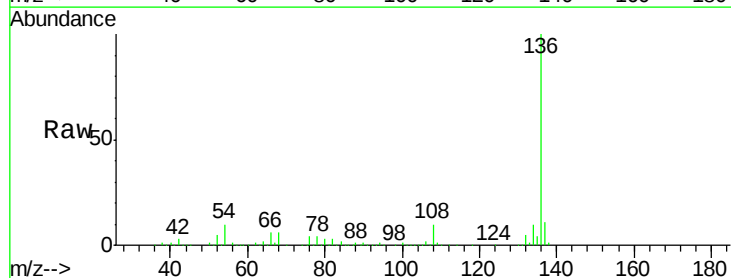


Time-->

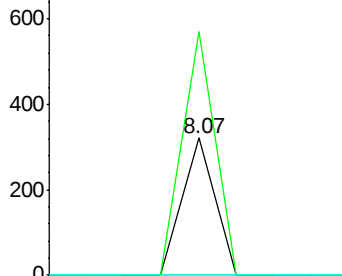


#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.24 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

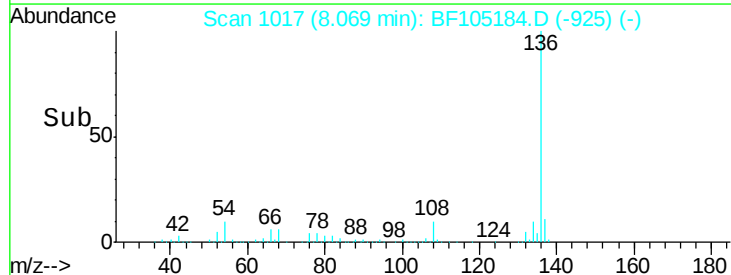
Tgt Ion: 93 Resp: 113
Ion Ratio Lower Upper
93 100
95 177.6 26.3 39.5#
123 0.0 9.8 14.6#

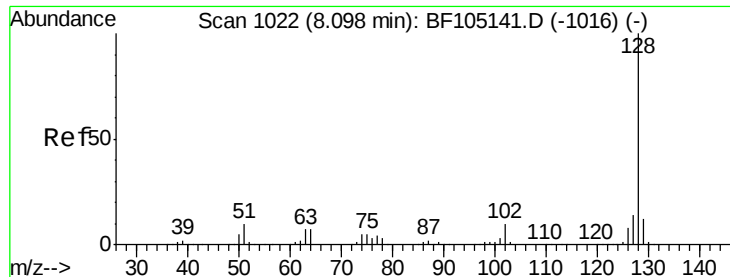


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



Time-->

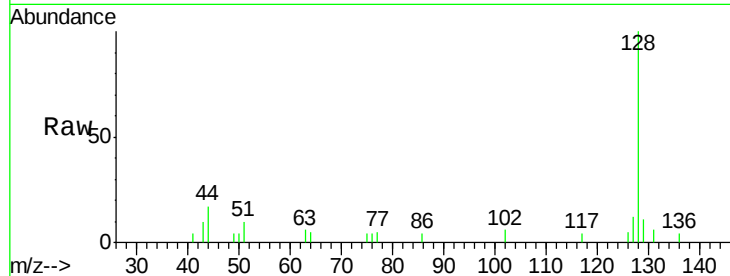




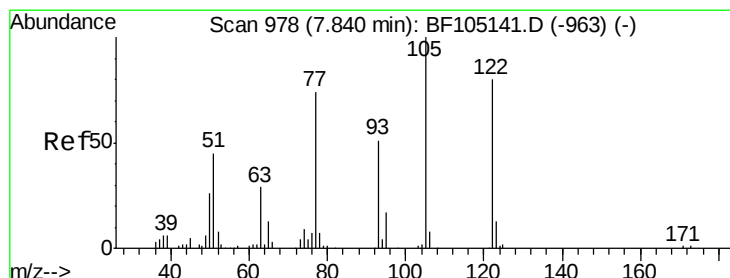
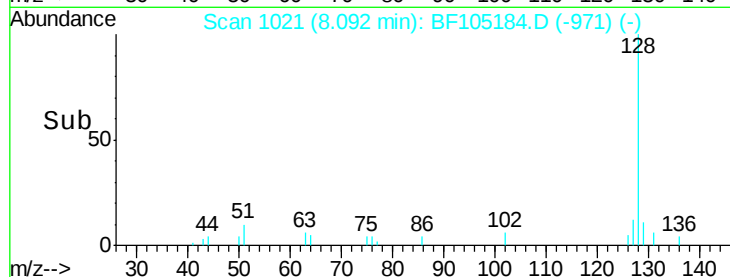
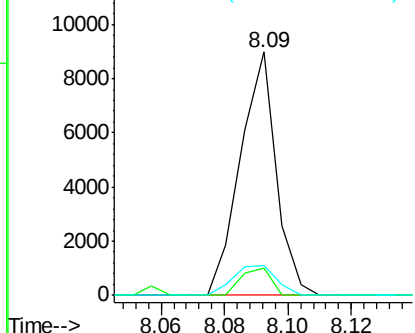
#31
Naphthalene
Concen: 0.168 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 7041
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.2 10.9 16.3

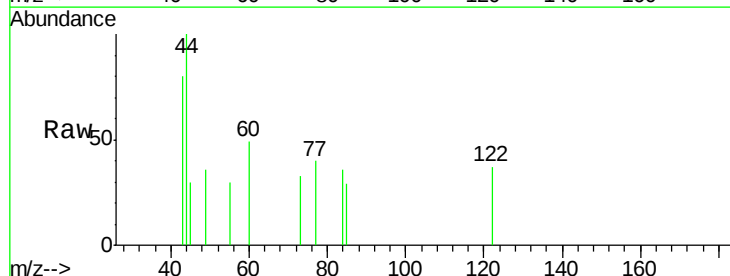


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

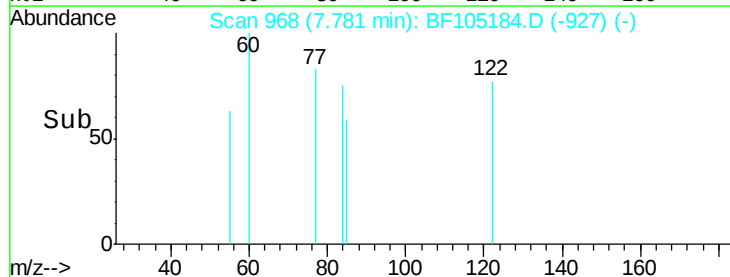
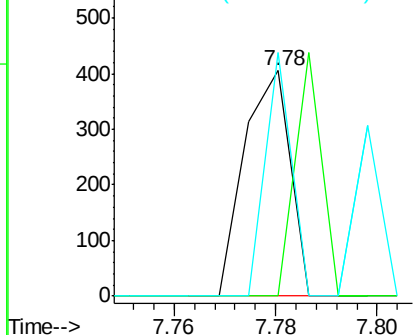


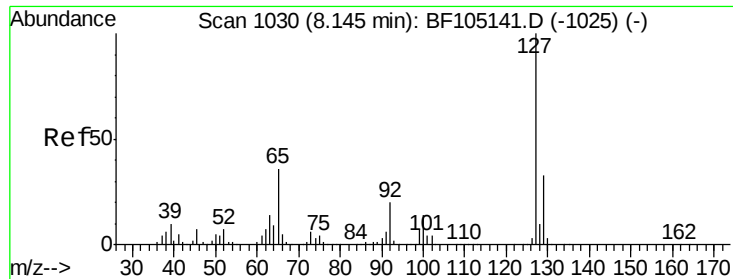
#32
Benzoic acid
Concen: 9.175 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.06 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion:122 Resp: 253
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 108.1 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

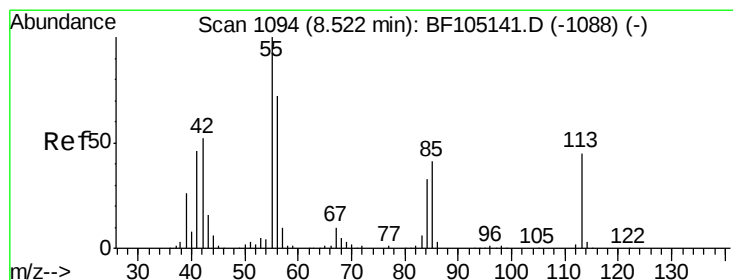
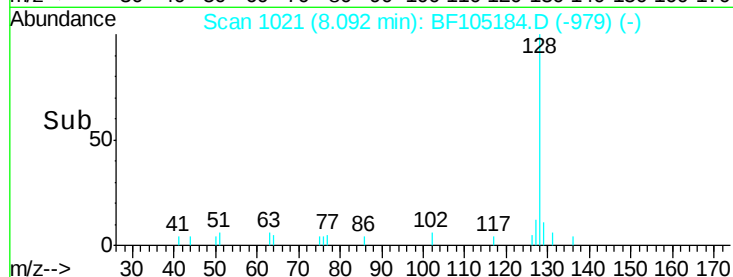
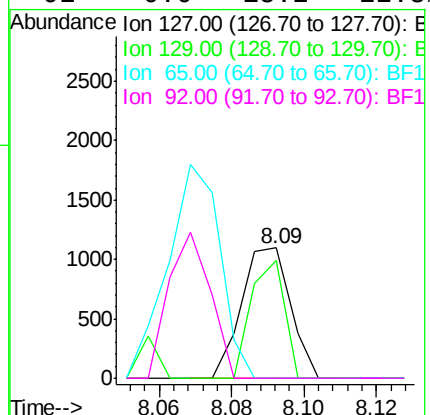
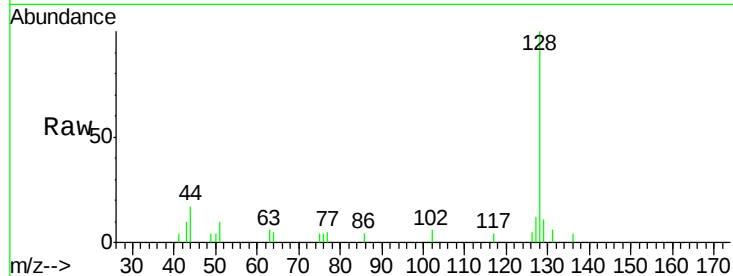




#33
4-Chloroaniline
Concen: 0.059 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

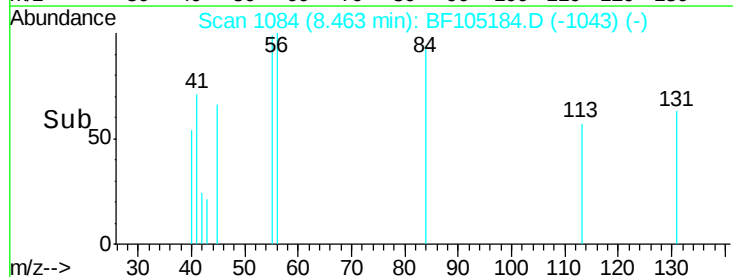
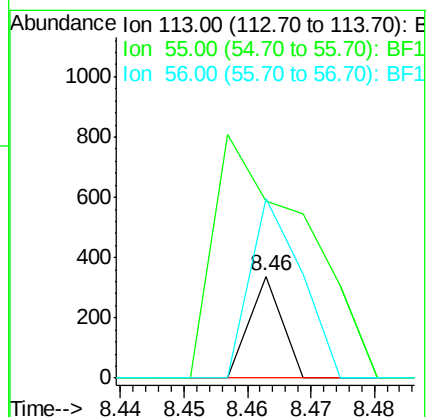
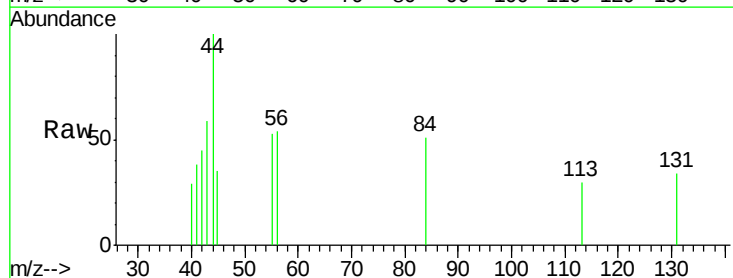
Instrument :
BNA_F
ClientSampleId :

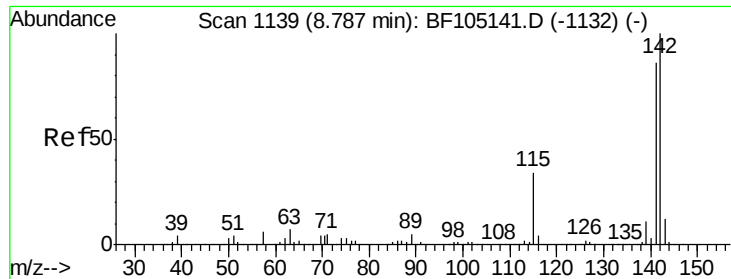
Tot Ion:	127	Resp:	1029
Ion	Ratio	Lower	Upper
127	100		
129	90.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 0.033 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.06 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion:	113	Resp:	119
Ion	Ratio	Lower	Upper
113	100		
55	174.5	163.3	203.3
56	176.3	115.7	155.7#

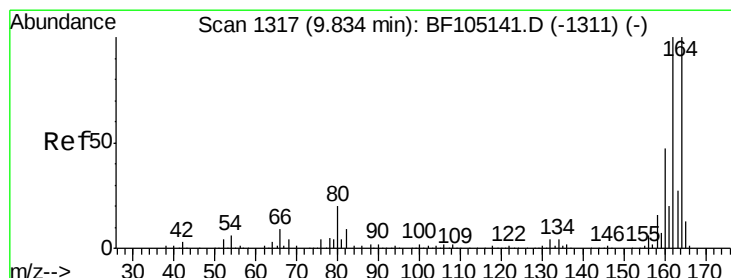
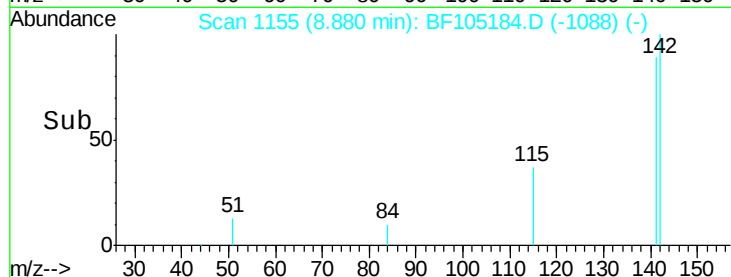
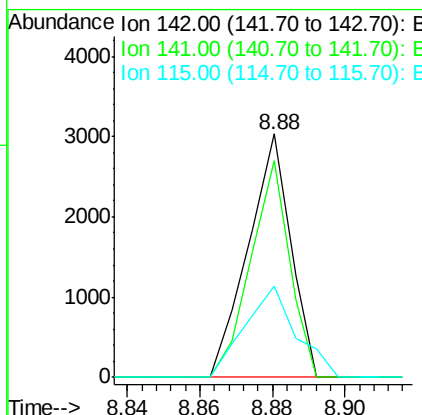
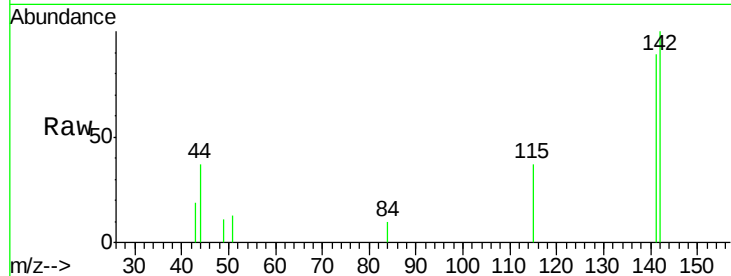




#37
 2-Methylnaphthalene
 Concen: 0.084 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.09 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

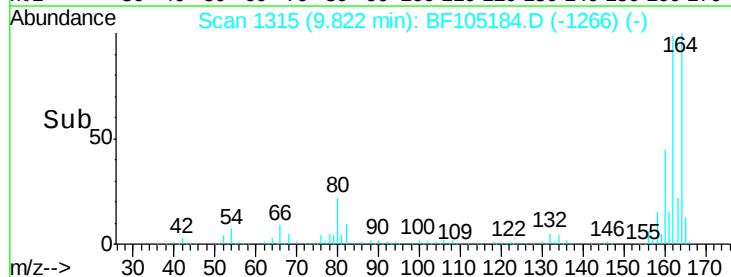
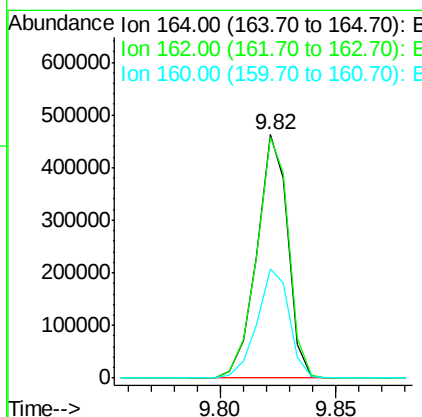
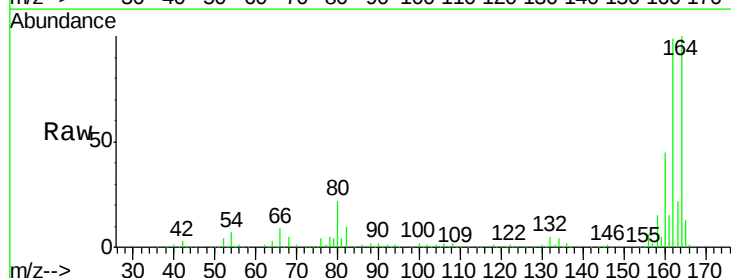
Instrument :
 BNA_F
 ClientSampleId :

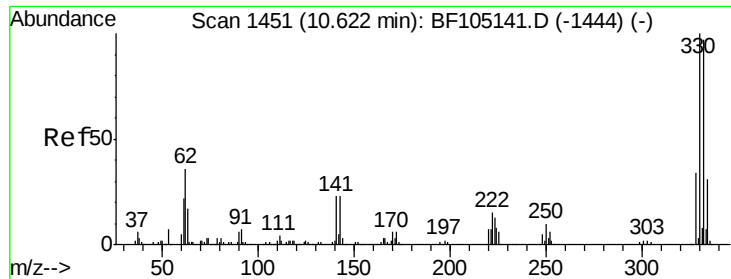
Tot Ion:142 Resp: 2456
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 37.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Tgt Ion:164 Resp: 432422
 Ion Ratio Lower Upper
 164 100
 162 98.9 86.1 129.1
 160 45.1 38.3 57.5

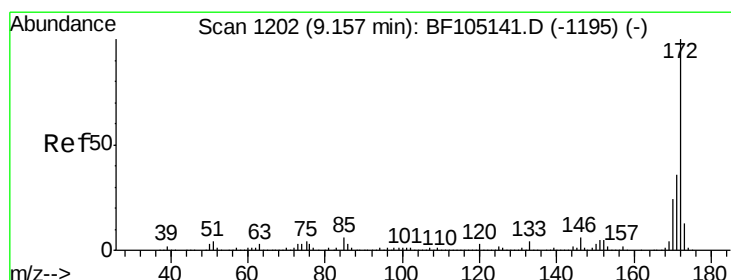
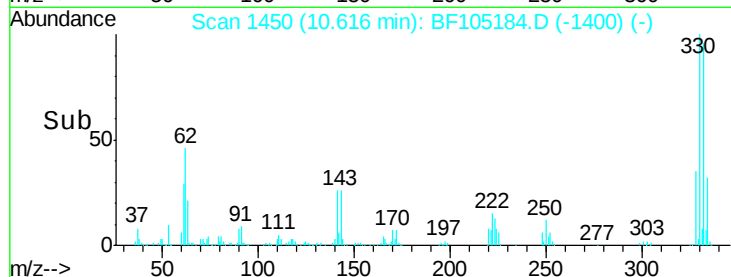
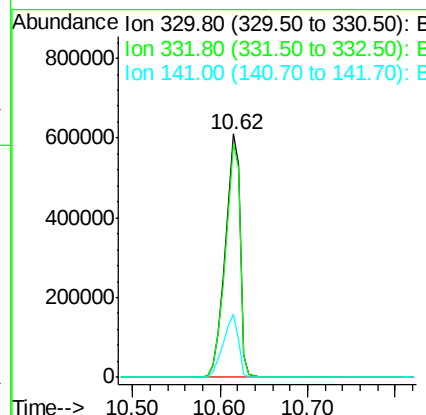
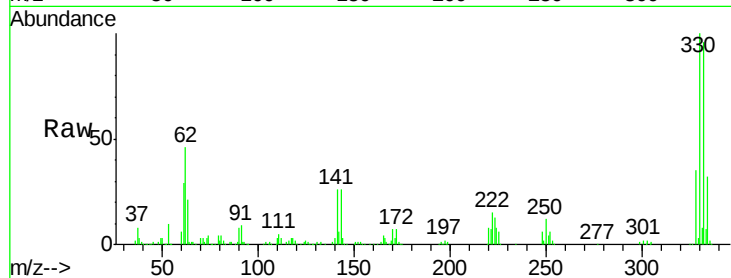




#41
 2,4,6-Tribromophenol
 Concen: 151.453 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

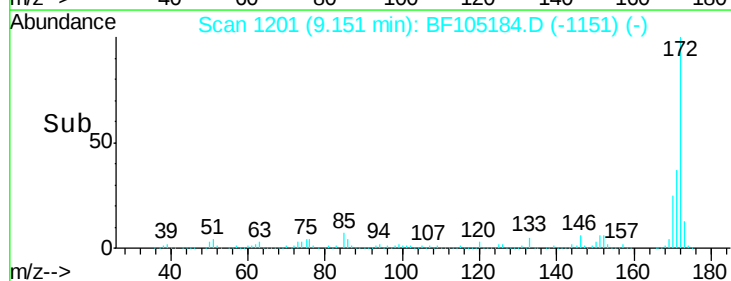
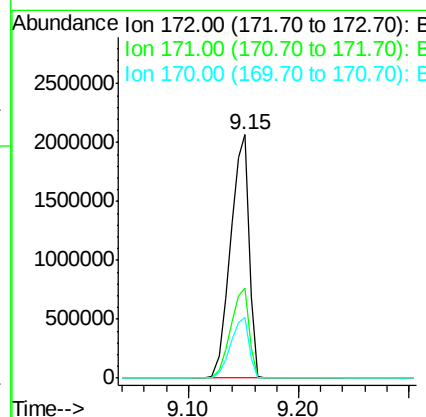
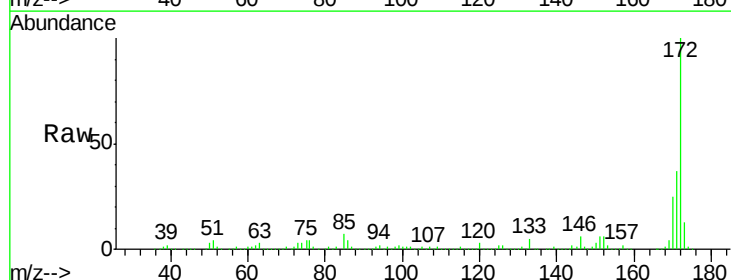
Instrument :
 BNA_F
 ClientSampleId :

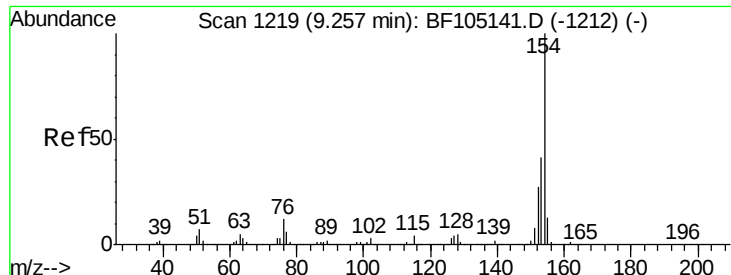
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	26.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 86.796 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

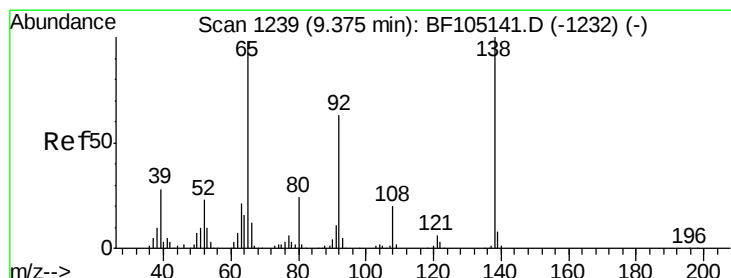
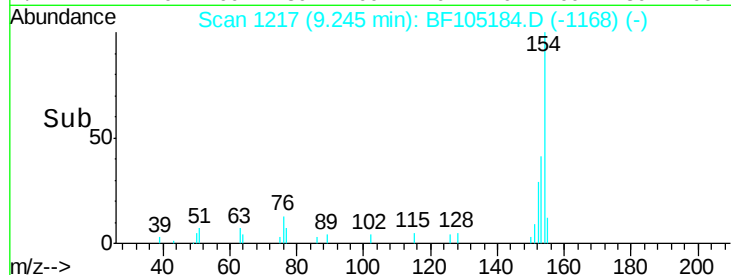
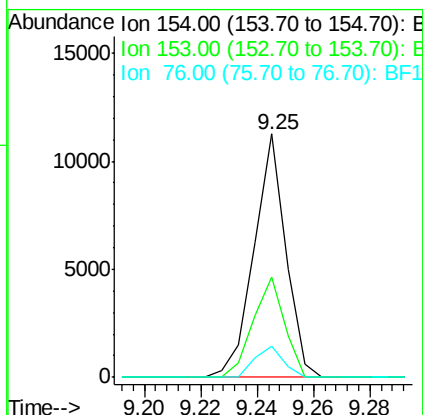
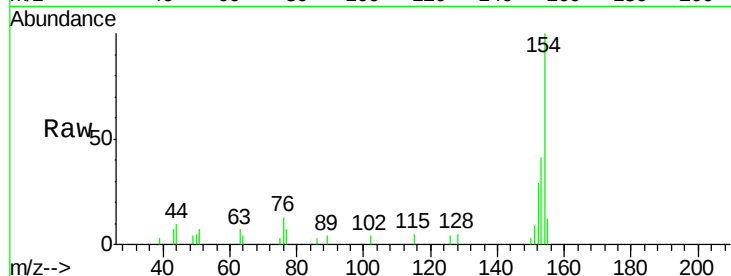




#45
 1,1'-Biphenyl
 Concen: 0.250 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

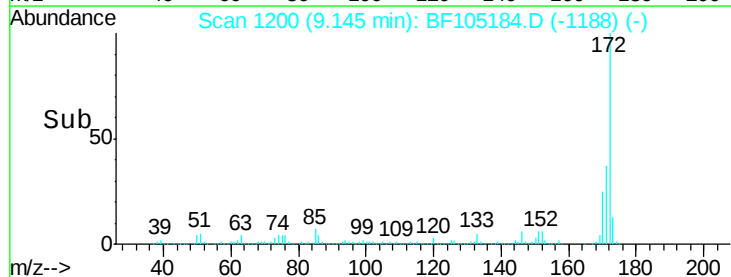
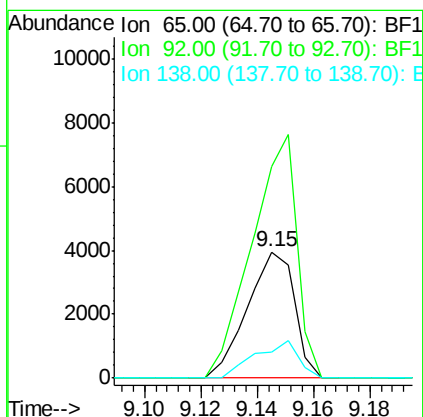
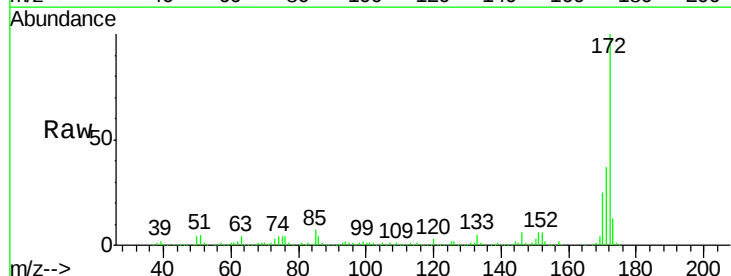
Instrument :
 BNA_F
 ClientSampled :

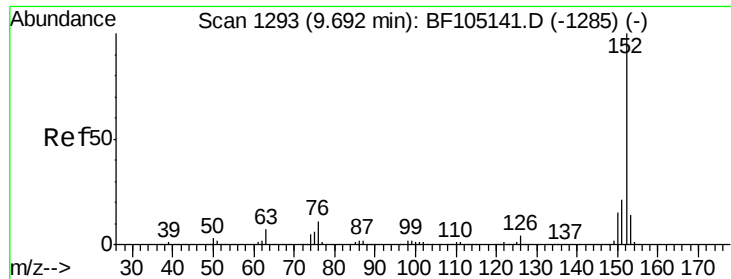
Tot Ion:	154	Resp:	8807
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	13.0	0.0	34.0



#47
 2-Nitroaniline
 Concen: 6.330 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.23 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Tgt Ion:	65	Resp:	4578
Ion	Ratio	Lower	Upper
65	100		
92	168.2	55.8	83.6#
138	20.6	91.2	136.8#





#48

Acenaphthylene

Concen: 0.013 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.16 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

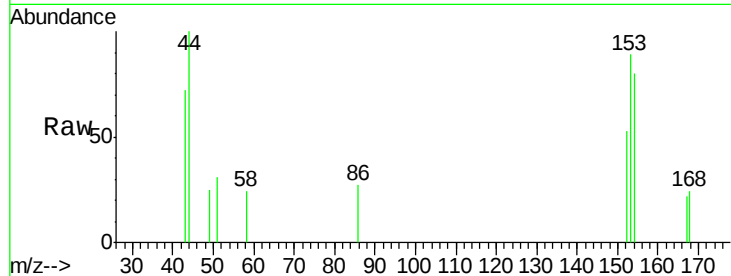
Tot Ion:152 Resp: 547

Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

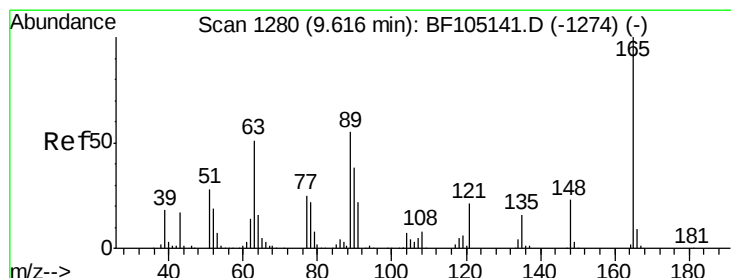
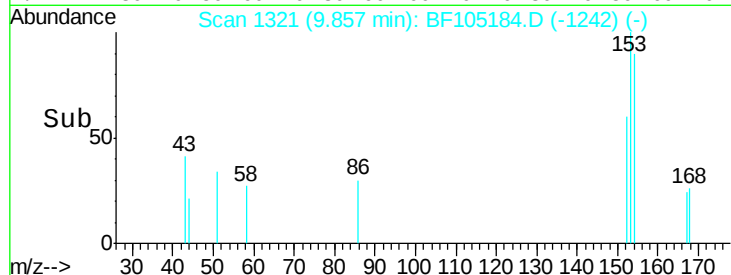
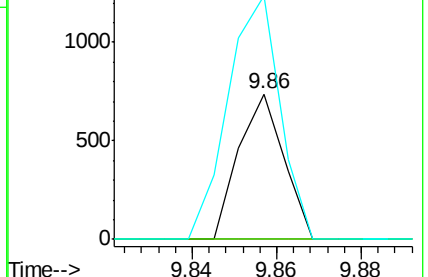
153 167.1 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 8.825 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

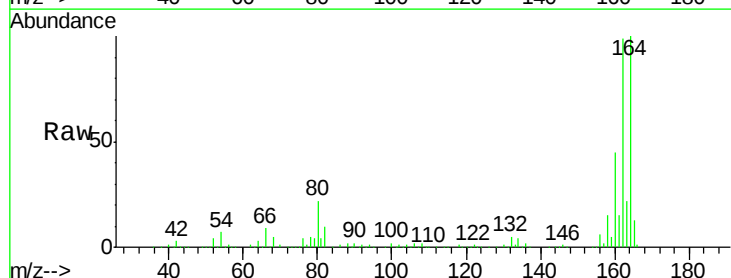
Tgt Ion:165 Resp: 56054

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

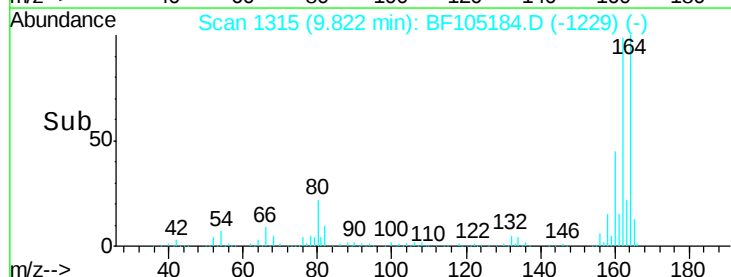
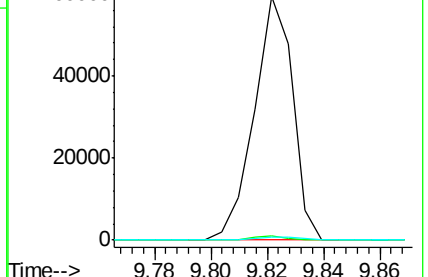
89 1.4 44.0 66.0#

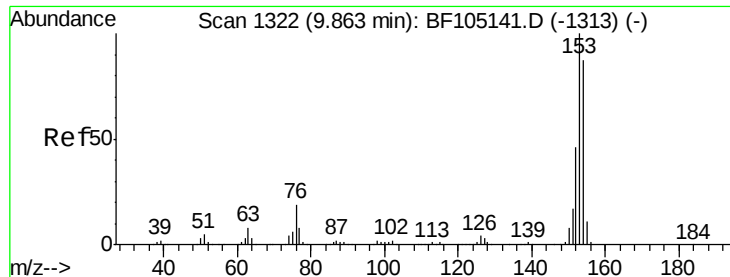


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.030 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

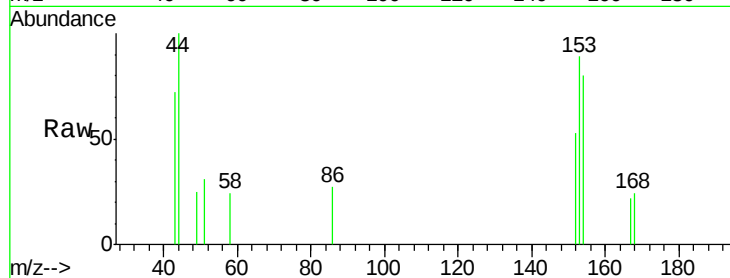
Tot Ion:154 Resp: 791

Ion Ratio Lower Upper

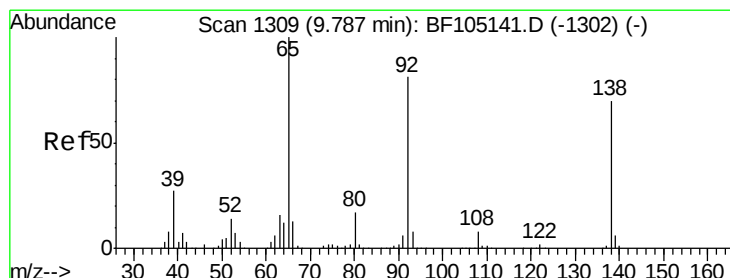
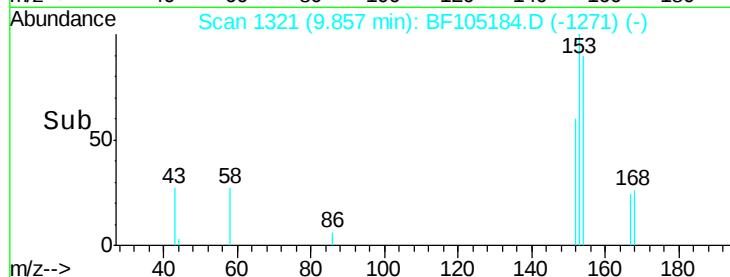
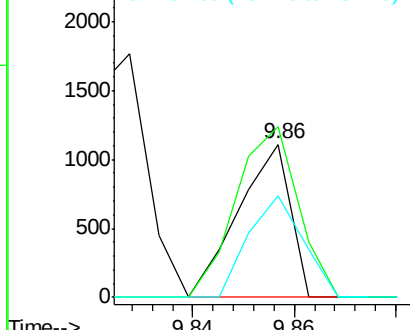
154 100

153 111.1 91.2 136.8

152 66.5 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.050 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.14 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

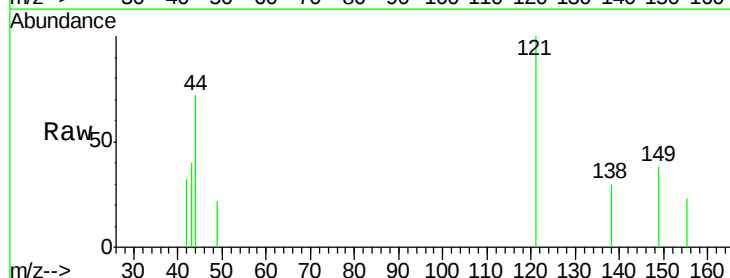
Tgt Ion:138 Resp: 336

Ion Ratio Lower Upper

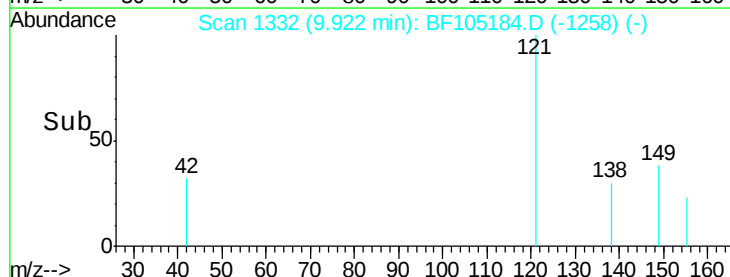
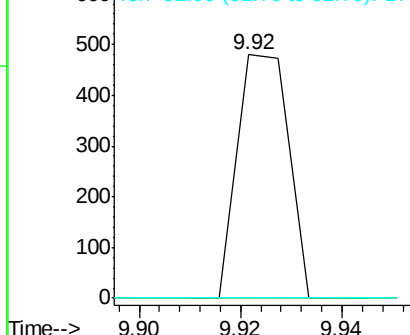
138 100

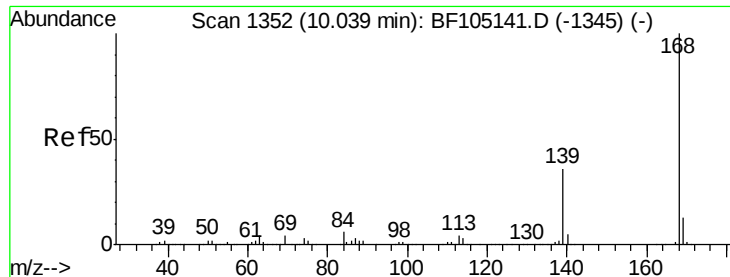
108 0.0 9.4 14.0#

92 0.0 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



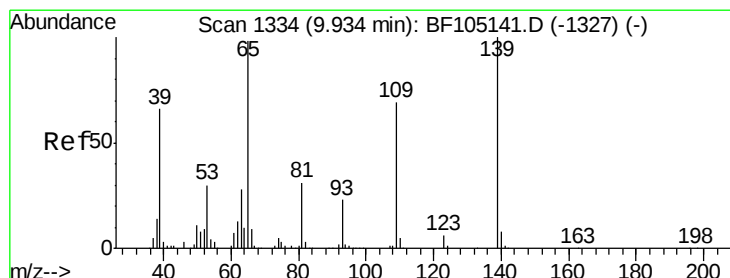
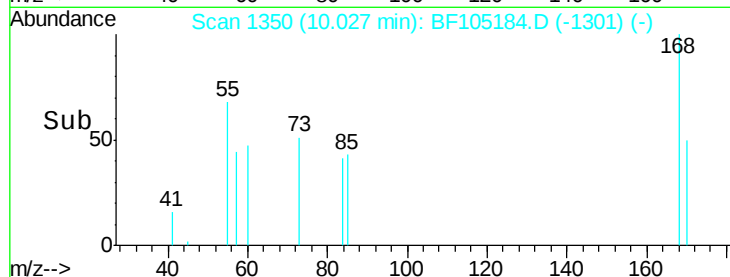
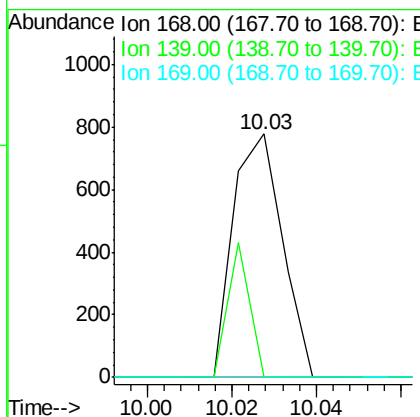
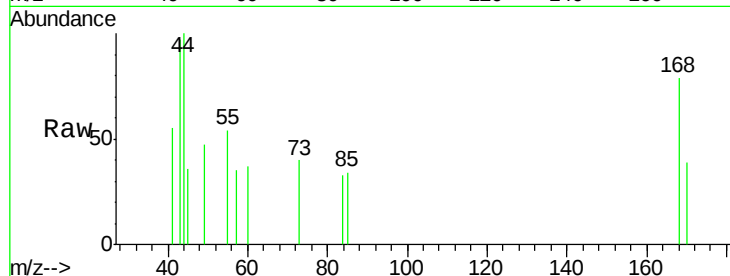


#54
Dibenzenofuran
Concen: 0.016 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 626

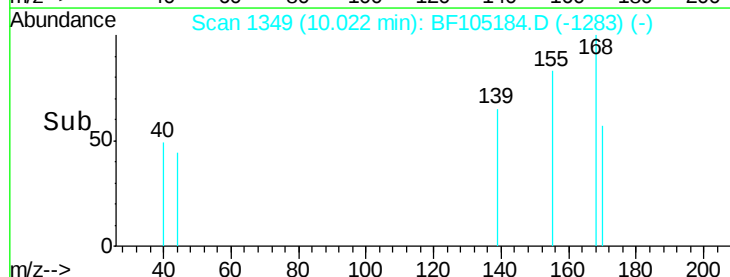
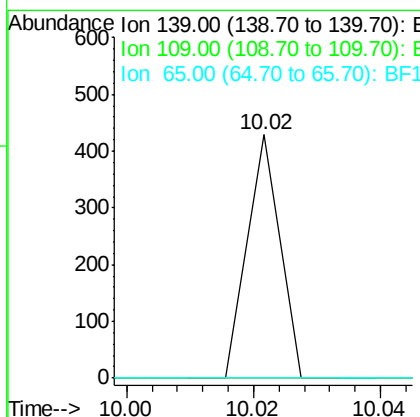
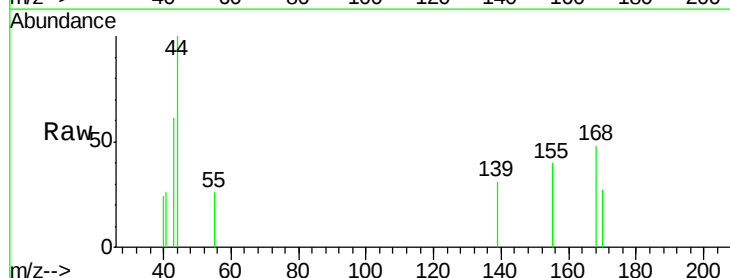
Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.1	45.1#
169	0.0	10.9	16.3#

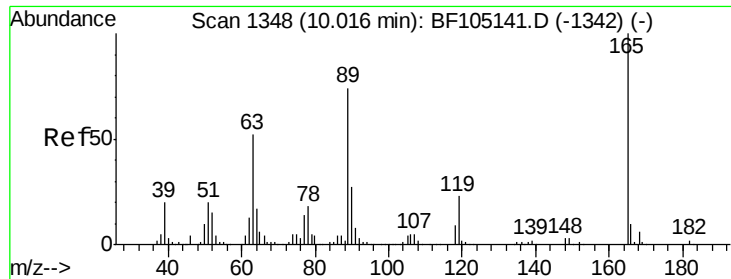


#55
4-Nitrophenol
Concen: 4.324 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.09 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion:139 Resp: 151

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

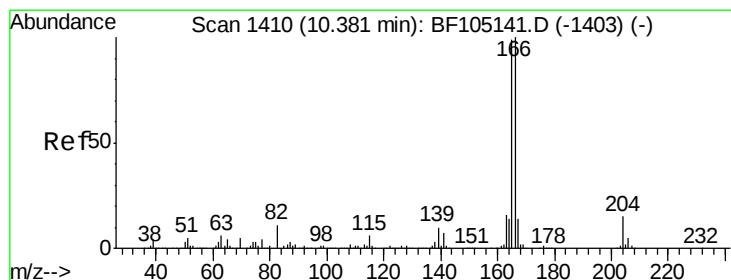
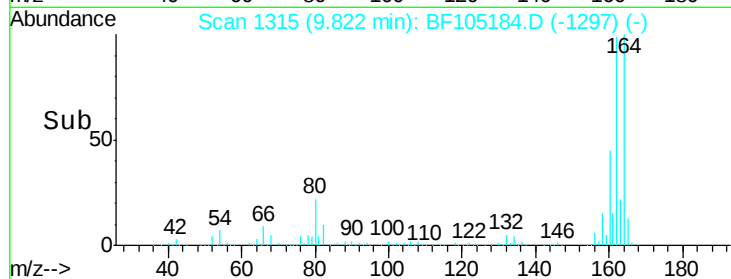
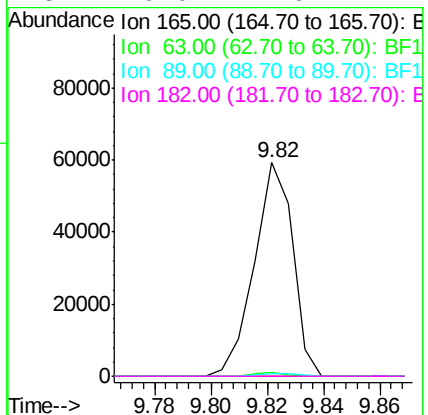
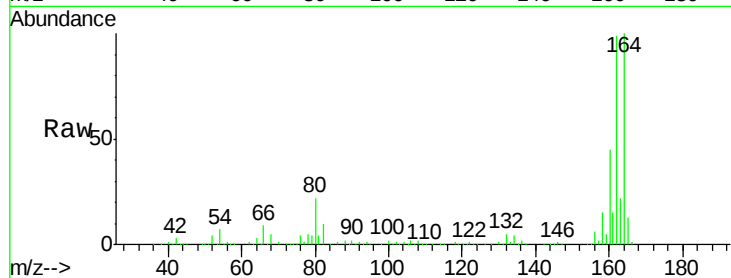




#56
2,4-Dinitrotoluene
Concen: 9.746 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

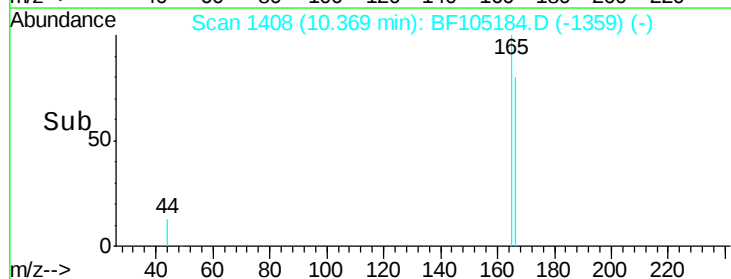
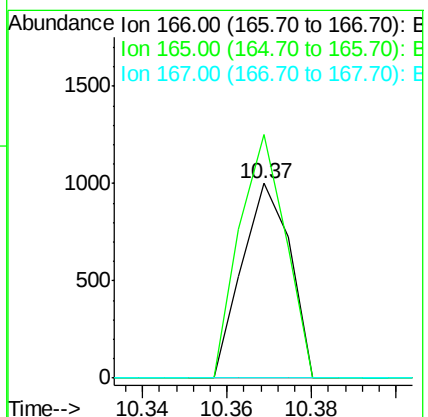
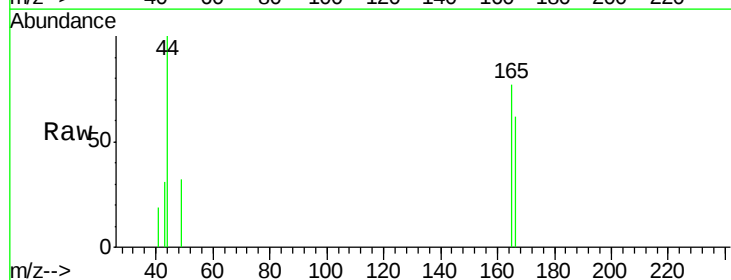
Instrument :
BNA_F
ClientSampleId :

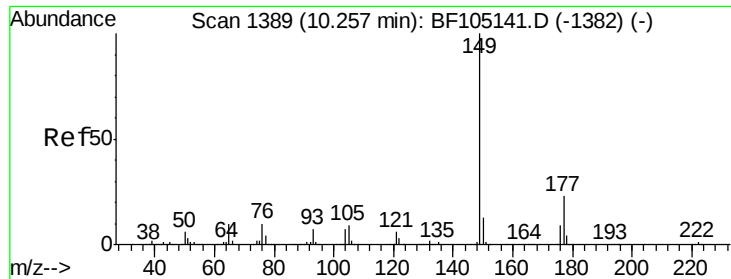
Tot Ion:	165	Resp:	56054
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.028 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion:	166	Resp:	795
Ion	Ratio	Lower	Upper
166	100		
165	125.1	79.8	119.8#
167	0.0	10.6	16.0#

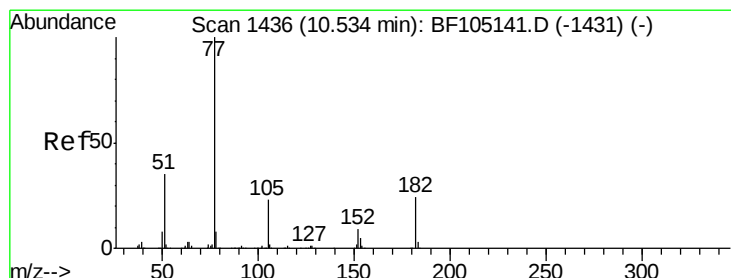
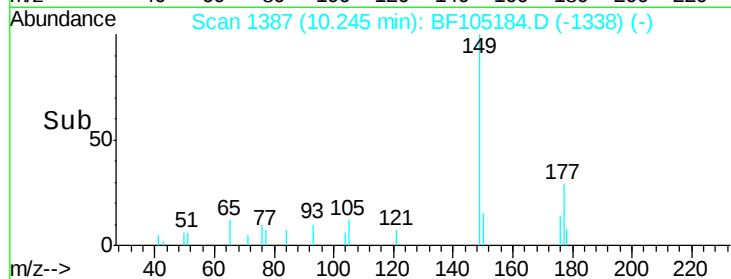
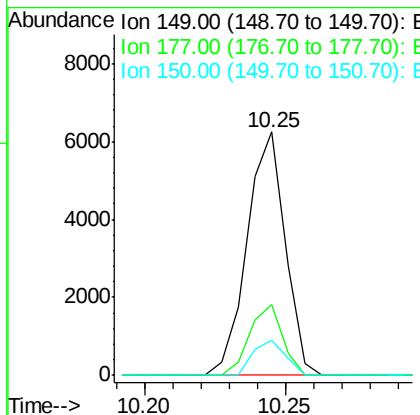
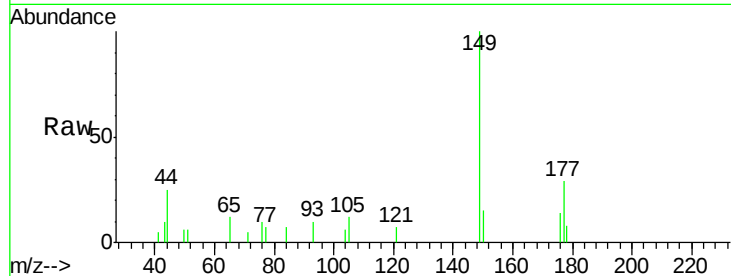




#59
Diethylphthalate
Concen: 0.203 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

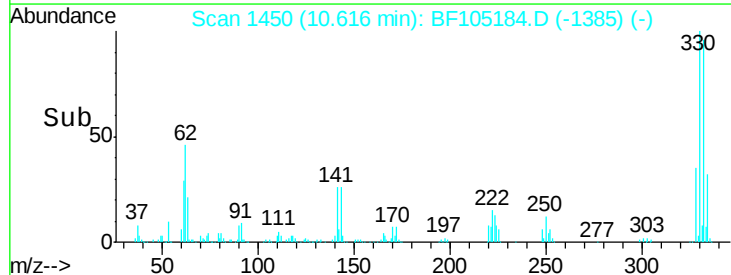
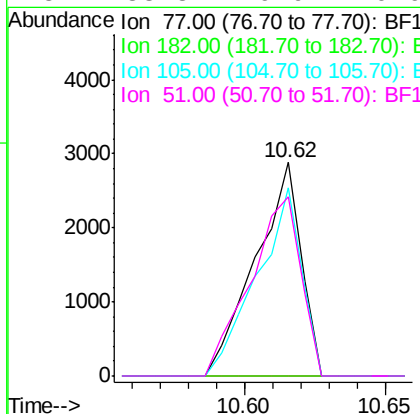
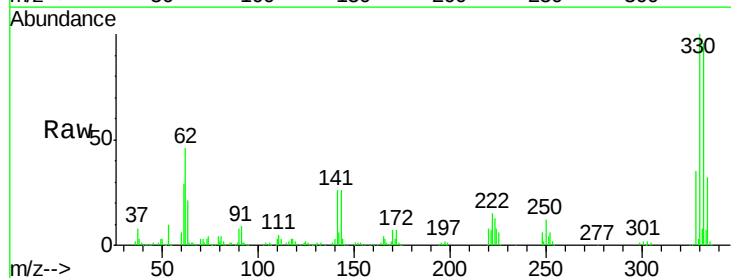
Instrument :
BNA_F
ClientSampleId :

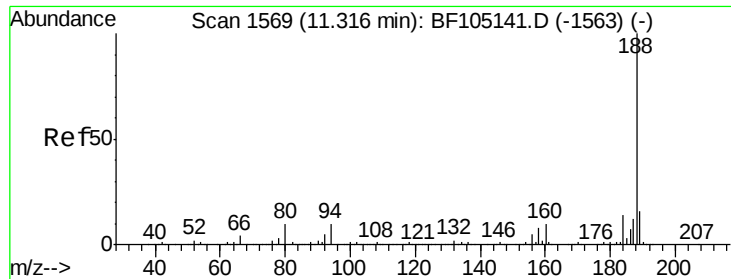
Tot Ion:149 Resp: 5847
Ion Ratio Lower Upper
149 100
177 29.3 16.1 24.1#
150 14.5 10.1 15.1



#62
Azobenzene
Concen: 0.107 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.08 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion: 77 Resp: 3222
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 88.3 3.0 43.0#
51 83.8 9.9 49.9#

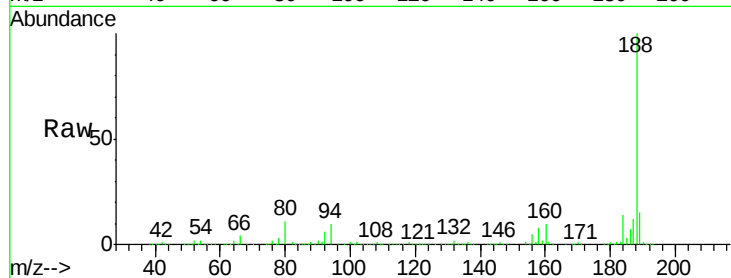




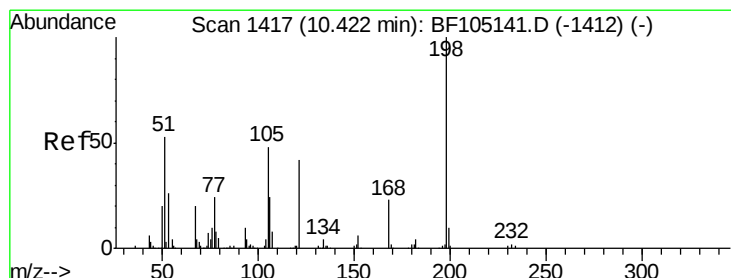
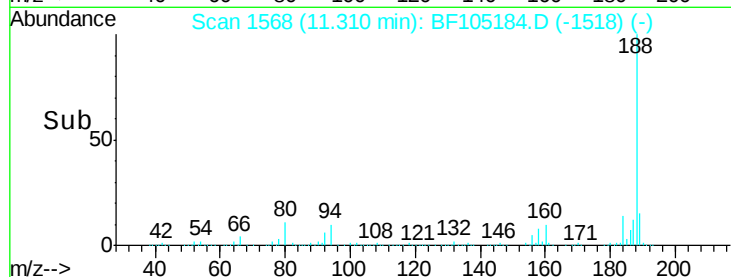
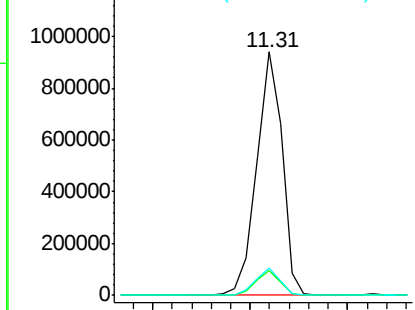
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 851190
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 11.0 9.2 13.8

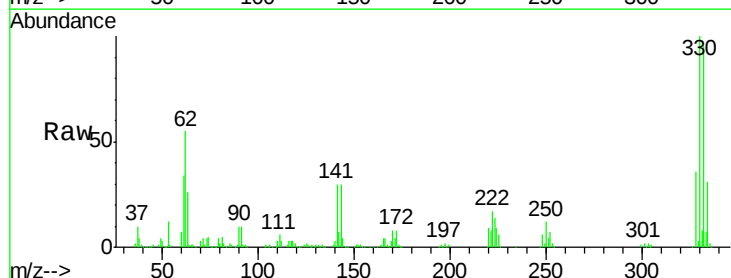


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

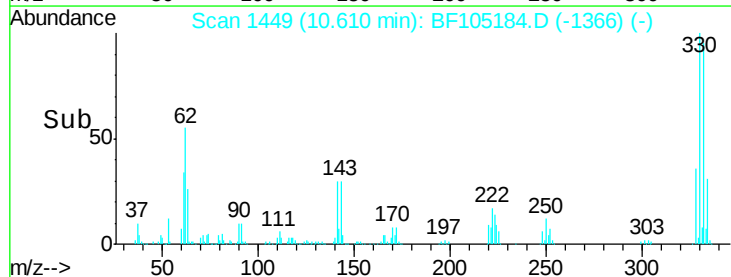
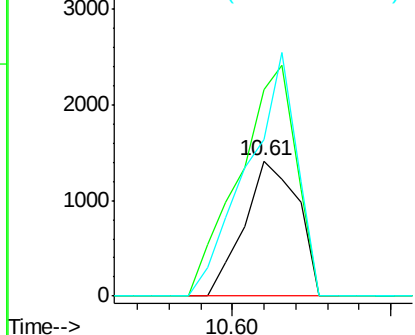


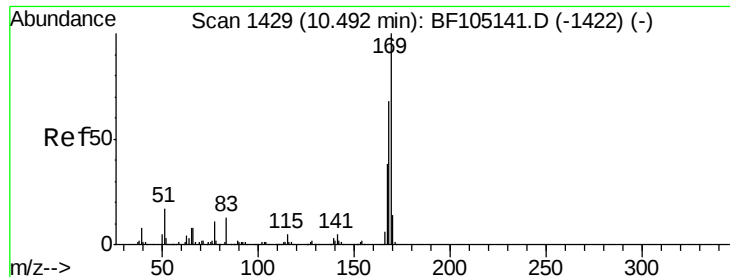
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.312 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.19 min
 Lab File: BF105184.D
 Acq: 9 May 2018 9:34

Tgt Ion:198 Resp: 1662
 Ion Ratio Lower Upper
 198 100
 51 152.8 37.7 77.7#
 105 115.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

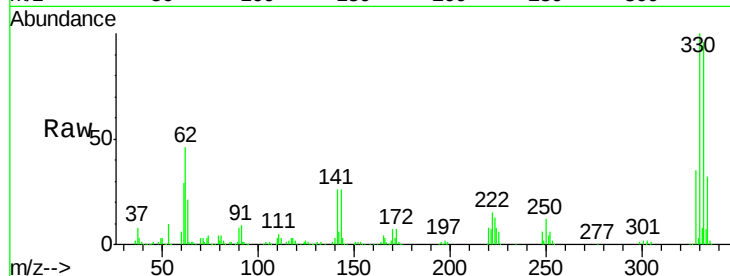




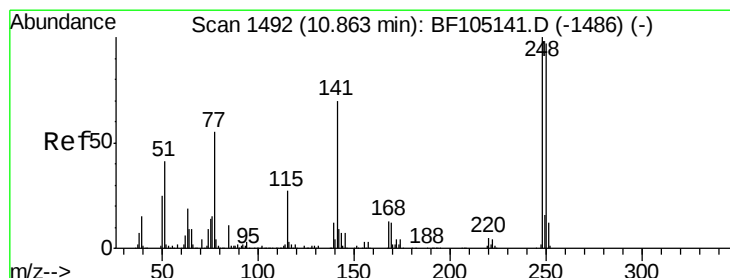
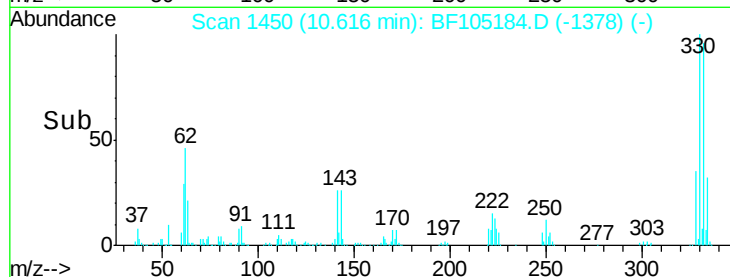
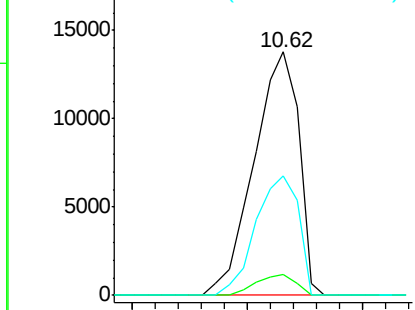
#65
n-Nitrosodiphenylamine
Concen: 0.699 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	8.7	54.4	81.6#
167	49.0	29.8	44.6#

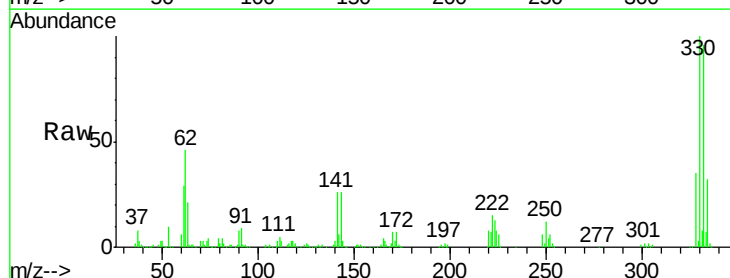


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

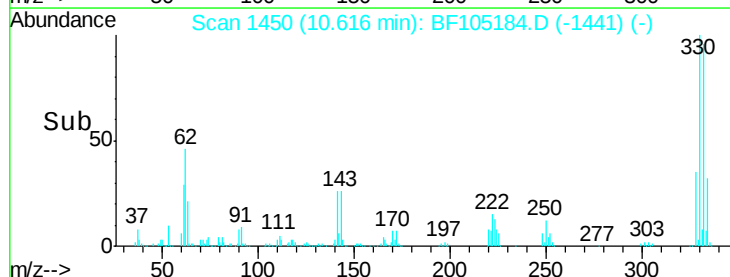
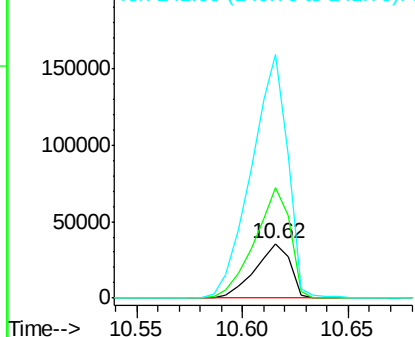


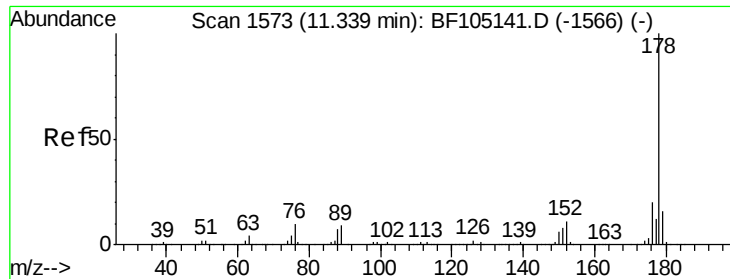
#66
4-Bromophenyl-phenylether
Concen: 4.566 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.6	76.9	115.3#
141	447.7	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

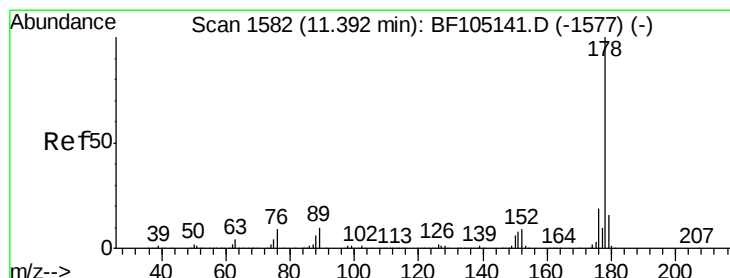
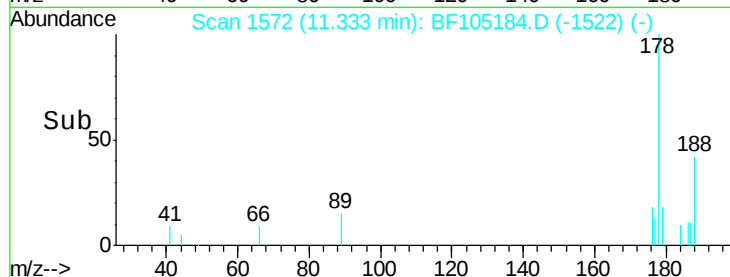
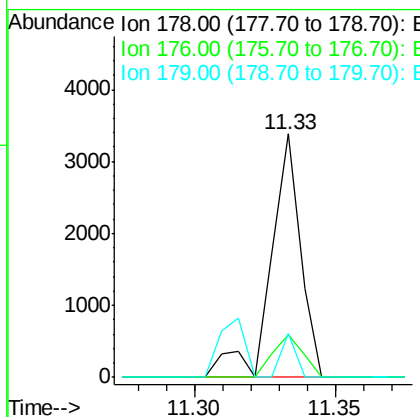
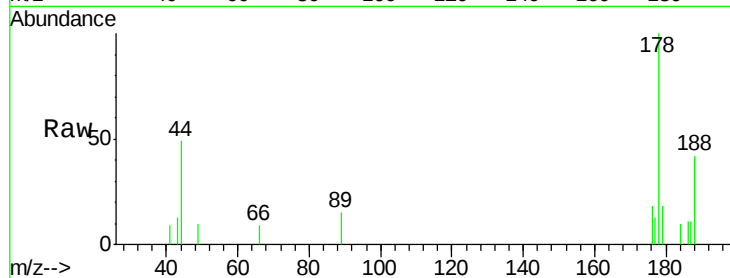




#70
Phenanthrene
Concen: 0.055 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

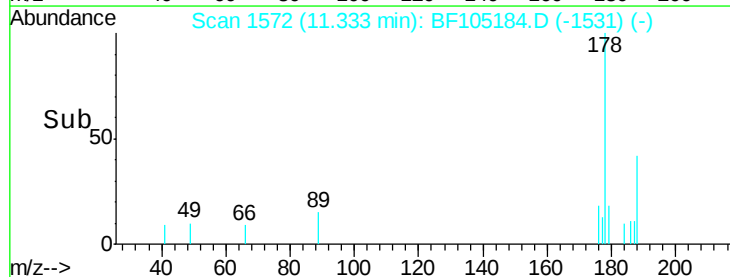
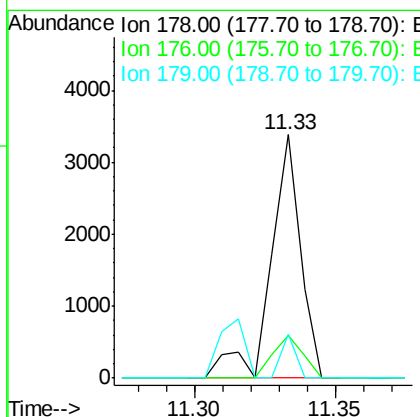
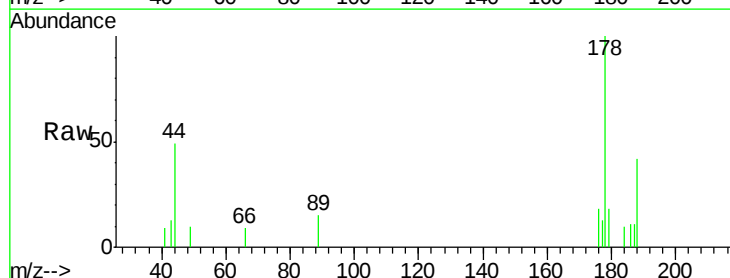
Instrument :
BNA_F
ClientSampleId :

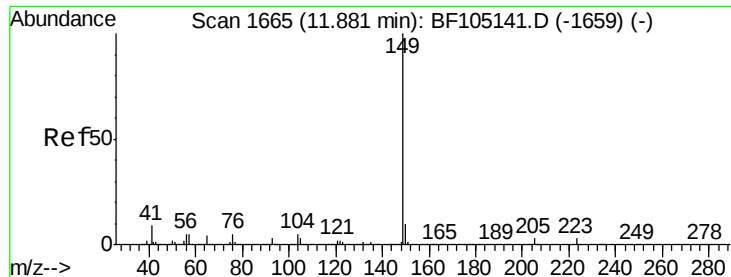
Tot Ion:178 Resp: 2472
Ion Ratio Lower Upper
178 100
176 17.5 15.8 23.8
179 18.0 13.0 19.6



#71
Anthracene
Concen: 0.054 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.06 min
Lab File: BF105184.D
Acq: 9 May 2018 9:34

Tgt Ion:178 Resp: 2472
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.2
179 18.0 12.6 19.0





#73

Di-n-butylphthalate

Concen: 0.126 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

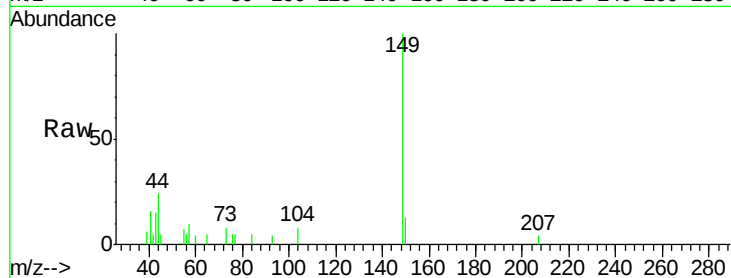
Tot Ion:149 Resp: 5548

Ion Ratio Lower Upper

149 100

150 12.6 7.8 11.6#

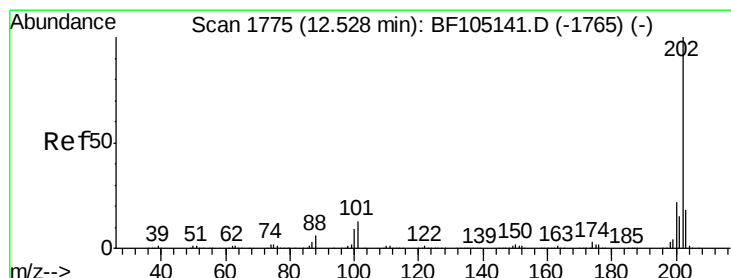
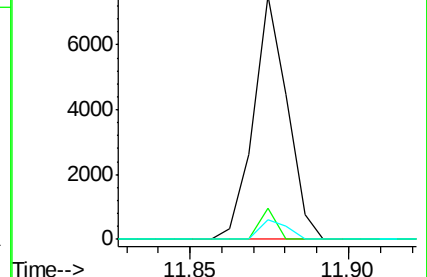
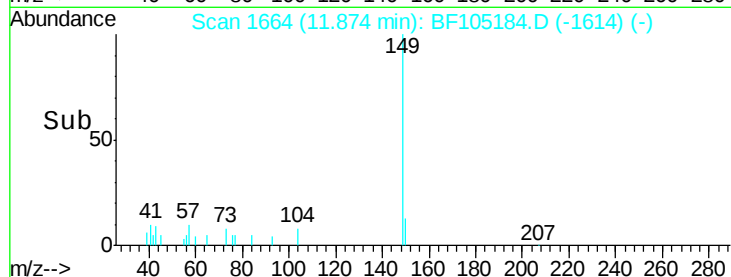
104 7.9 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.008 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

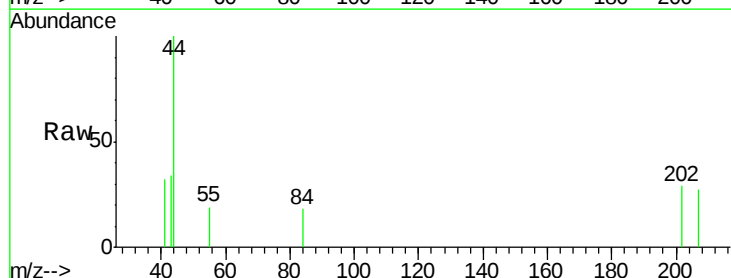
Tgt Ion:202 Resp: 355

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

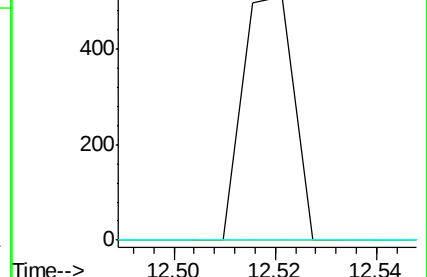
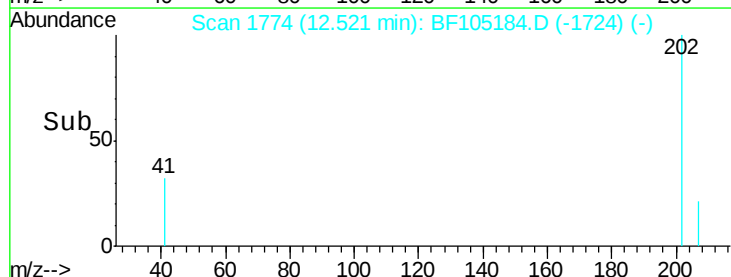
203 0.0 0.0 38.1

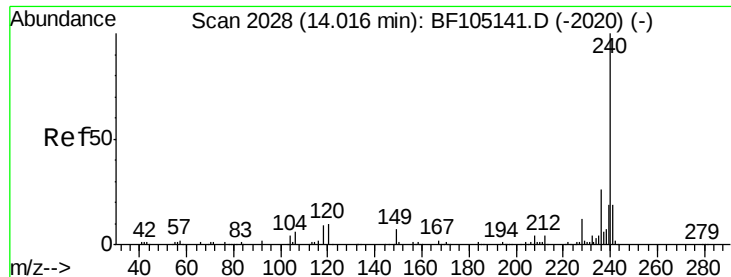


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2025

Delta R.T. -0.02 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

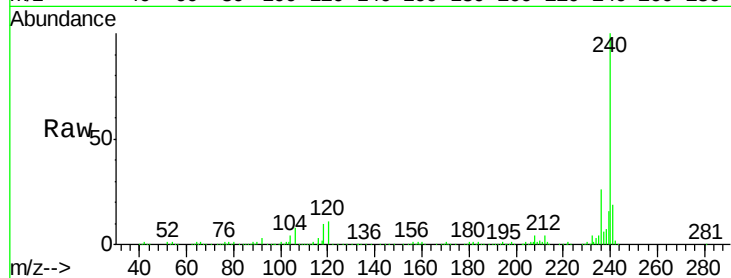
Tot Ion:240 Resp: 724778

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 26.1 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

1000000

800000

600000

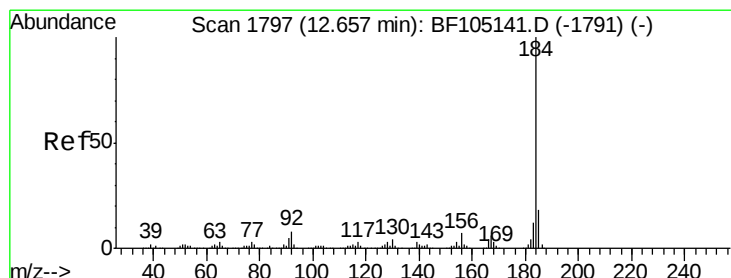
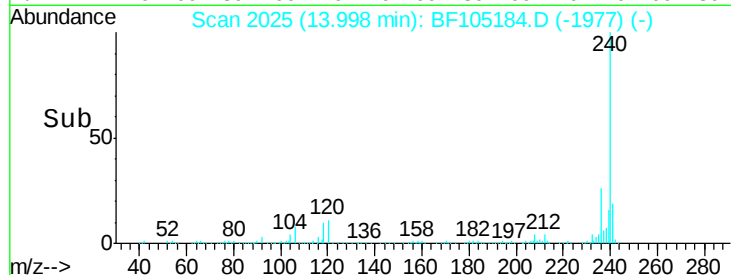
400000

200000

0

14.00

Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 1.293 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.25 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

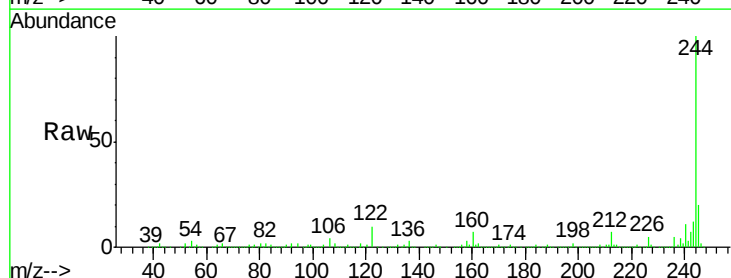
Tgt Ion:184 Resp: 35004

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

183 7.6 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

40000

30000

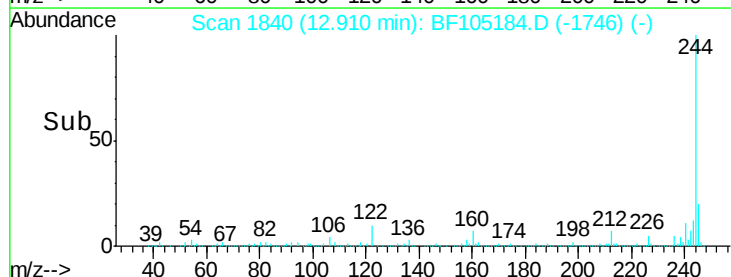
20000

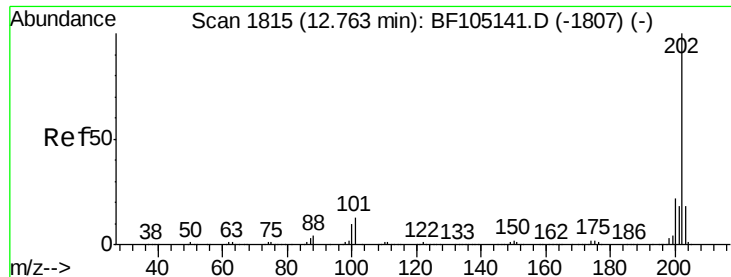
10000

0

12.91

Time--> 12.86 12.88 12.90 12.92





#77

Pvrene

Concen: 0.008 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

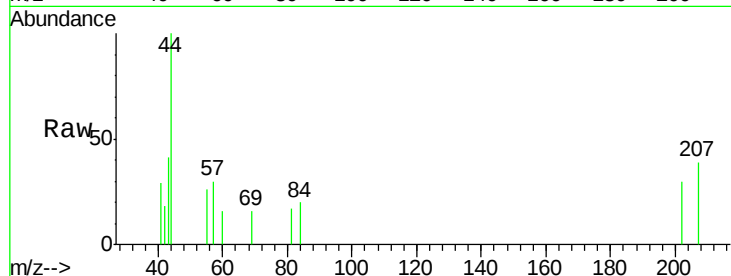
Tot Ion:202 Resp: 448

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

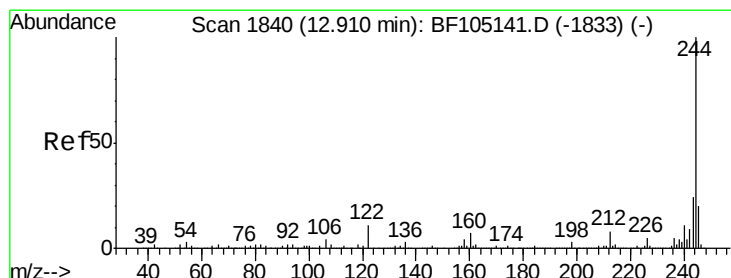
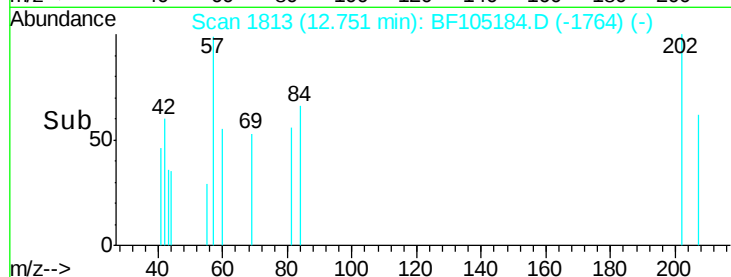
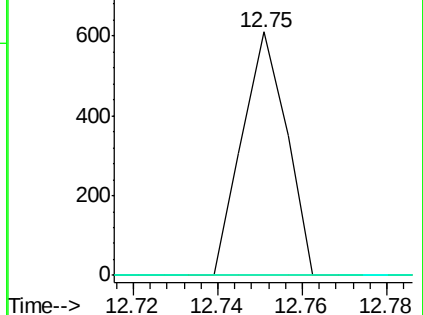
203 0.0 14.3 21.5#



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: 89.335 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

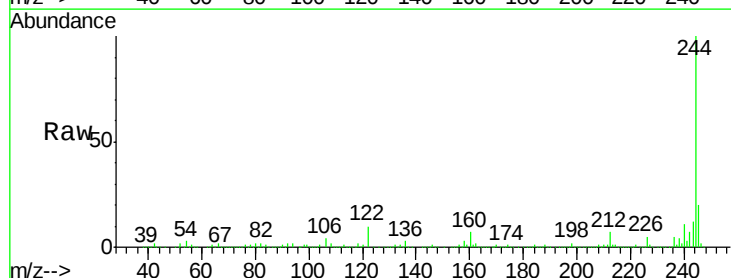
Tgt Ion:244 Resp: 2787410

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

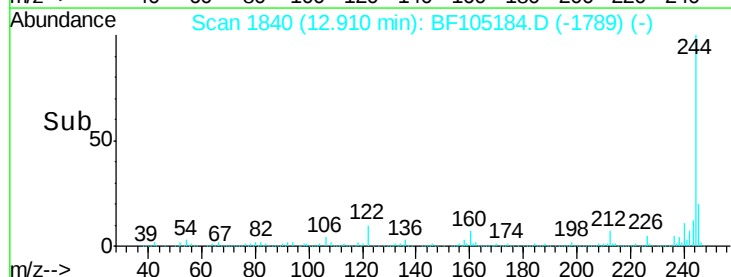
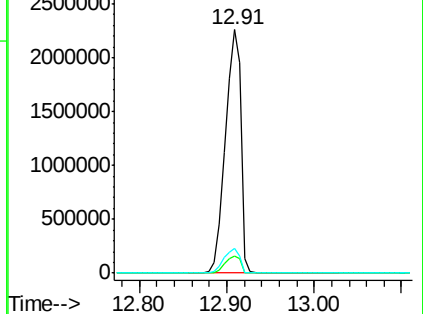
122 10.2 11.0 16.4#

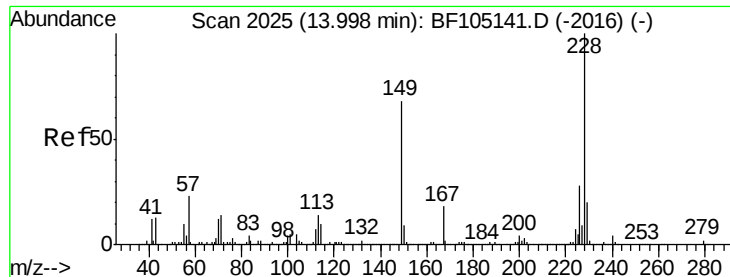


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.042 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

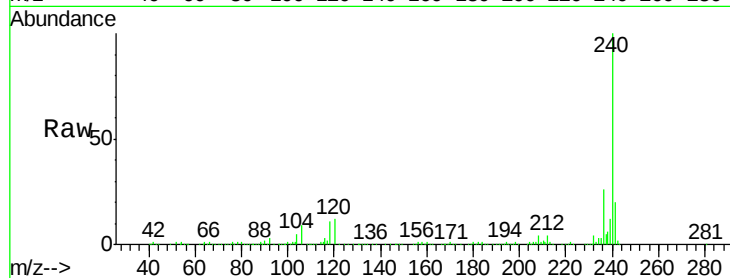
Tot Ion:228 Resp: 1861

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

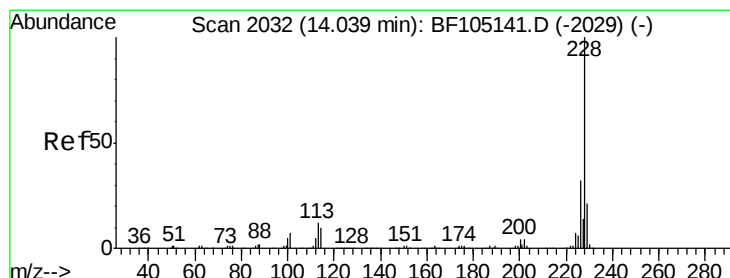
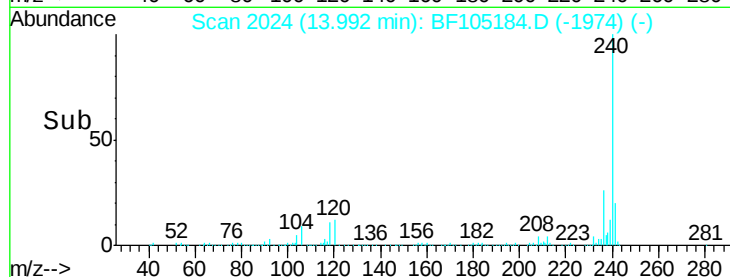
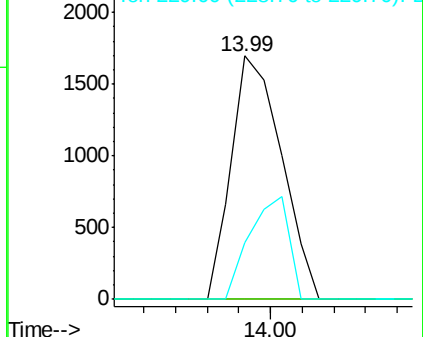
229 23.2 15.8 23.6



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: 0.041 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.05 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

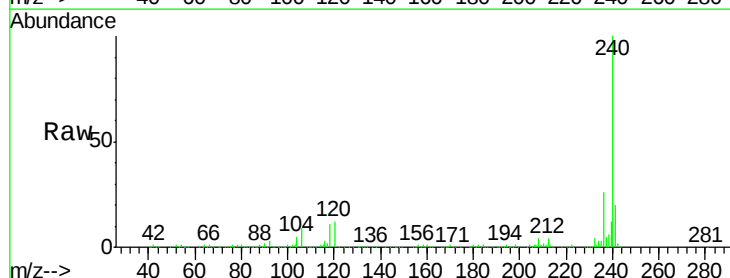
Tgt Ion:228 Resp: 1861

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

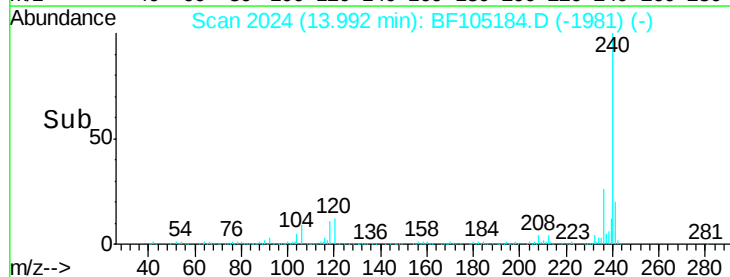
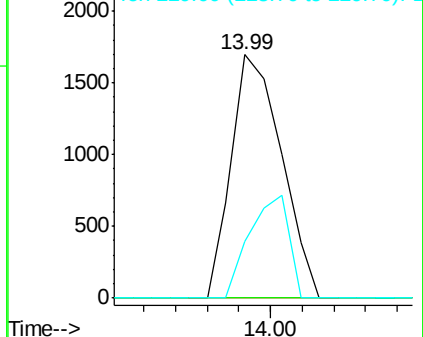
229 23.2 16.2 24.4

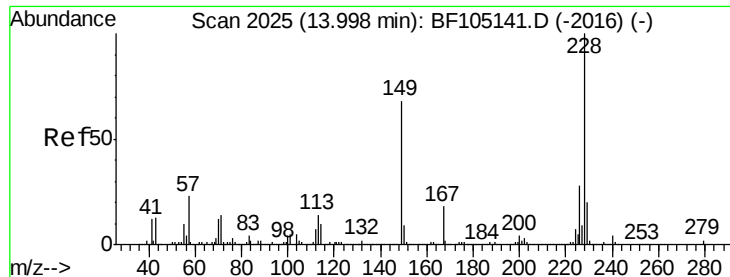


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

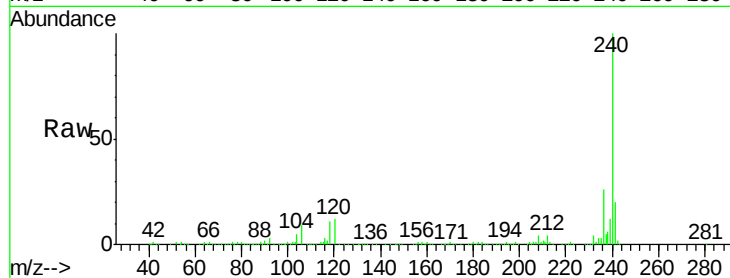
Tot Ion:149 Resp: 447

Ion Ratio Lower Upper

149 100

167 99.8 21.3 31.9#

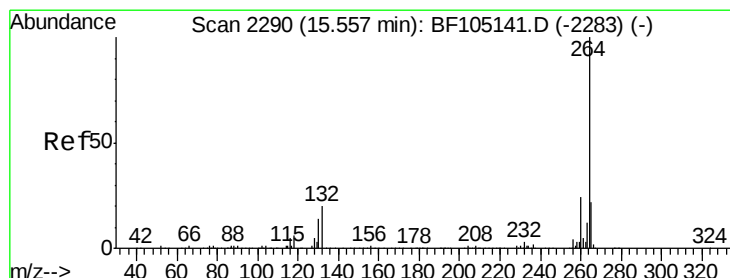
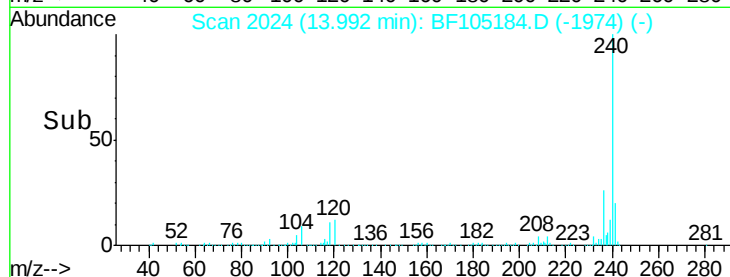
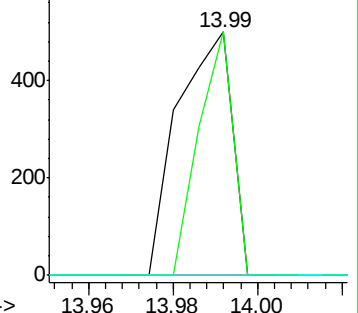
279 0.0 3.0 4.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

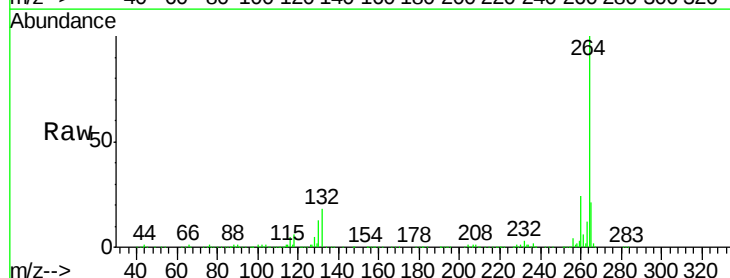
Tgt Ion:264 Resp: 603519

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

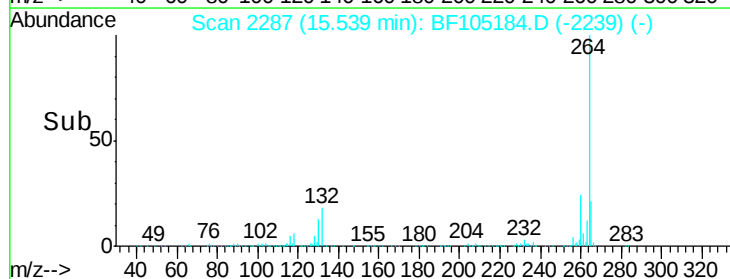
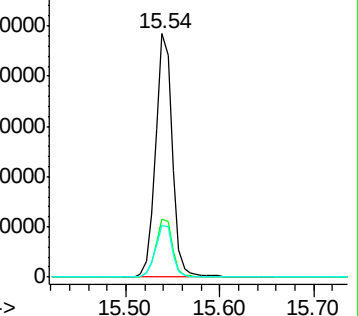
265 21.3 17.5 26.3

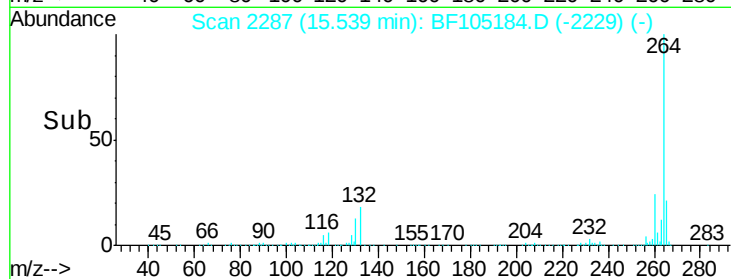
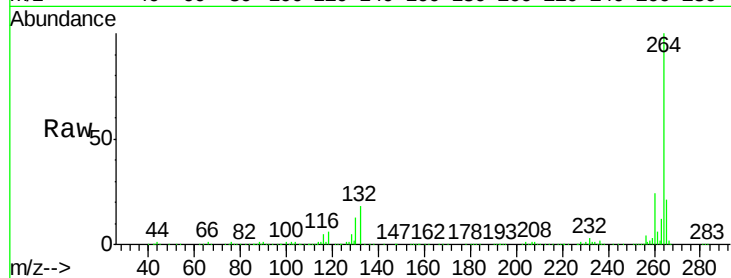
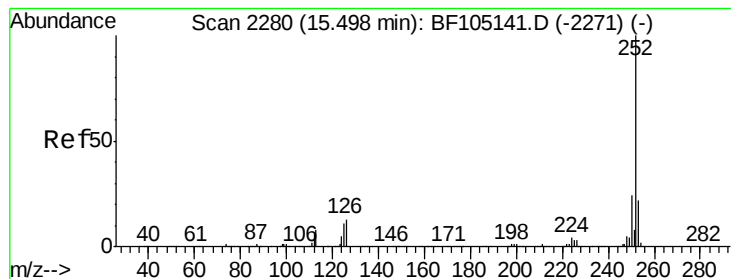


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.055 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.04 min

Lab File: BF105184.D

Acq: 9 May 2018 9:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1859

Ion Ratio Lower Upper

252 100

253 33.6 17.1 25.7#

125 0.0 9.8 14.6#

