

Data Path : U:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032498.D
 Acq On : 1 Feb 2018 20:22
 Operator : SJ/JU
 Sample : J1405-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 02 02:50:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

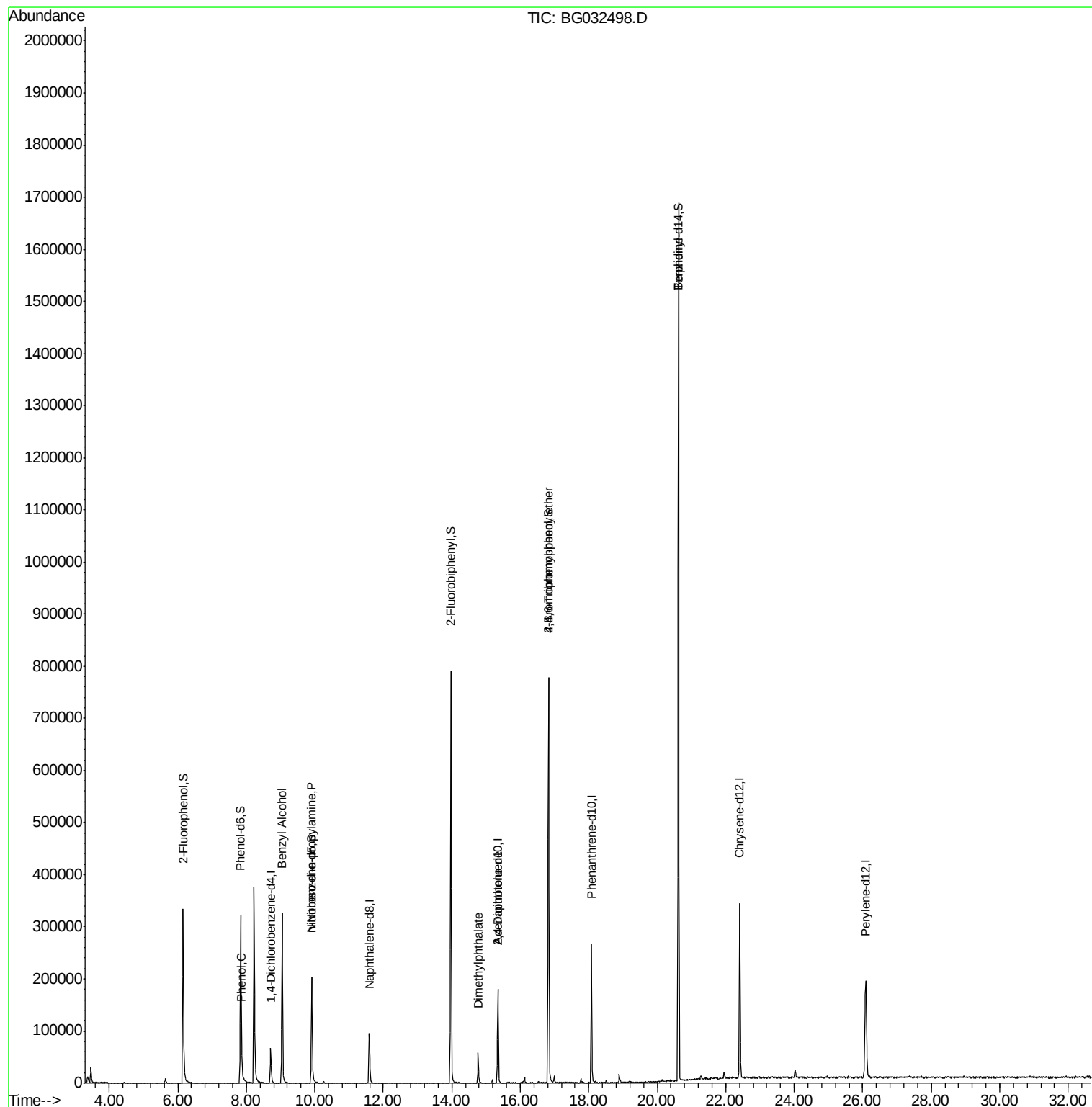
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	27171	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	102865	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	73110	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	193475	20.00	ng	0.00
75) Chrysene-d12	22.41	240	249279	20.00	ng	-0.01
86) Perylene-d12	26.08	264	271029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	189247	139.90	ng	0.00
7) Phenol-d6	7.84	99	217615	120.55	ng	0.00
23) Nitrobenzene-d5	9.91	82	144409	87.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	188798	135.66	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	489627	79.60	ng	-0.01
78) Terphenyl-d14	20.62	244	906089	77.86	ng	0.00
Target Compounds						
10) Phenol	7.87	94	11918	6.952	ng	83
15) Benzyl Alcohol	9.05	79	2993	2.012	ng	# 55
19) n-Nitroso-di-n-propylamine	9.91	70	19840	16.576	ng	# 82
49) Dimethylphthalate	14.77	163	47743	7.082	ng	# 95
56) 2,4-Dinitrotoluene	15.34	165	9845	4.887	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	15586	5.438	ng	# 1
76) Benzidine	20.61	184	13351	2.728	ng	# 82

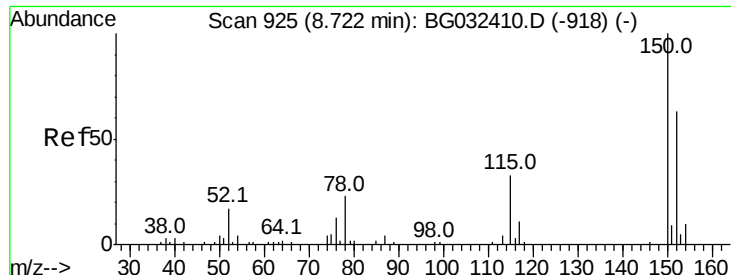
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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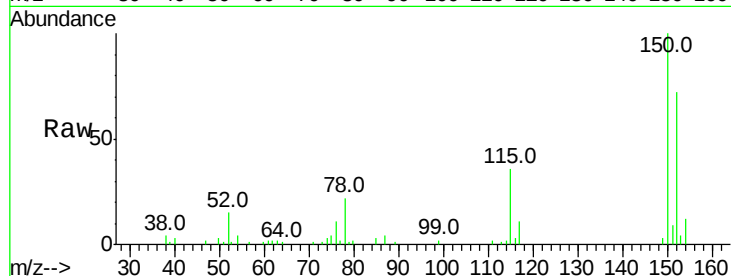


#1

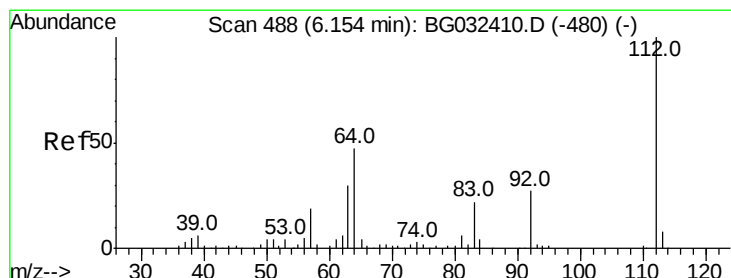
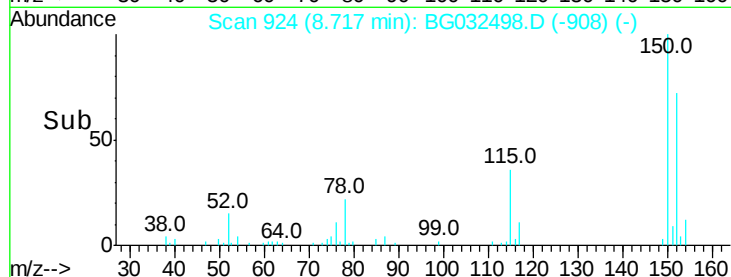
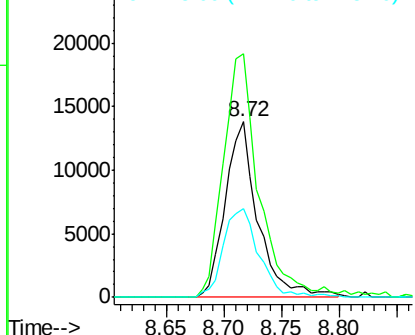
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27171
Ion Ratio Lower Upper
152 100
150 138.8 126.6 189.8
115 50.4 53.0 79.4#



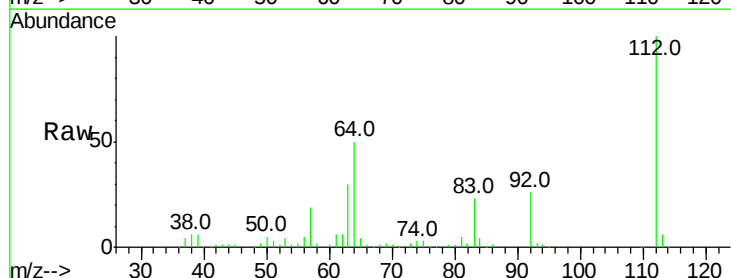
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



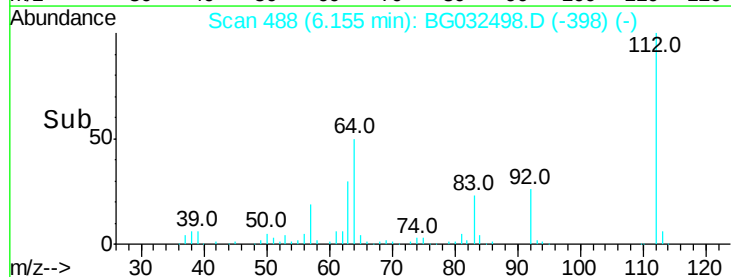
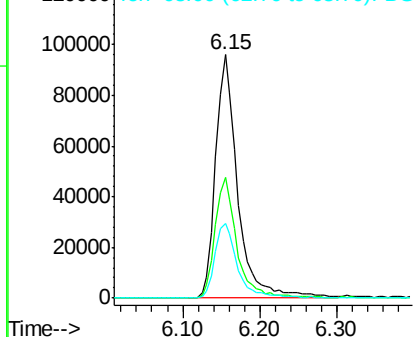
#5

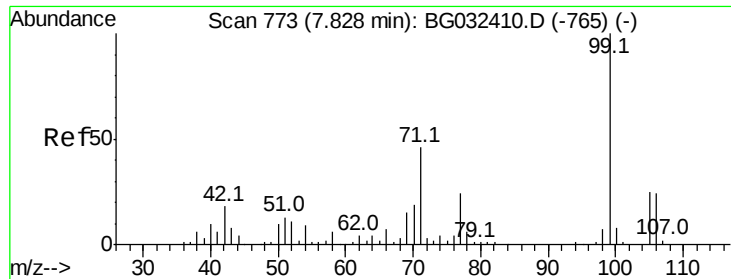
2-Fluorophenol
Concen: 139.897 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:112 Resp: 189247
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 30.5 30.1 45.1



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





#7

Phenol-d6

Concen: 120.552 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

Instrument :

BNA_G

ClientSampled :

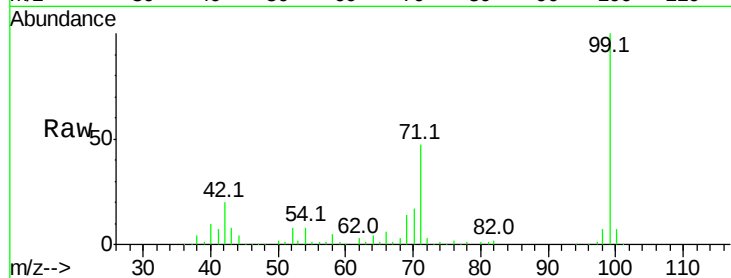
Tot Ion: 99 Resp: 217615

Ion Ratio Lower Upper

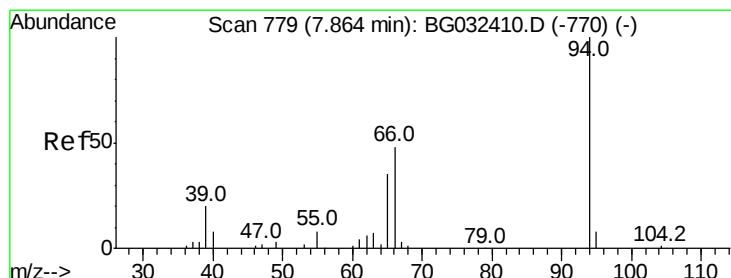
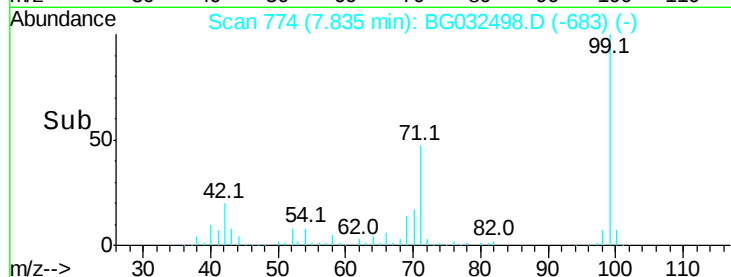
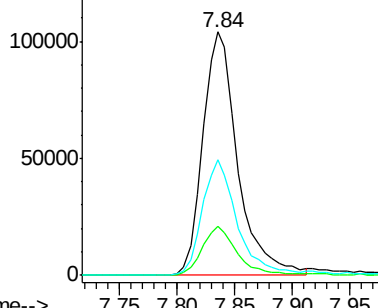
99 100

42 19.9 14.1 21.1

71 47.4 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 6.952 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

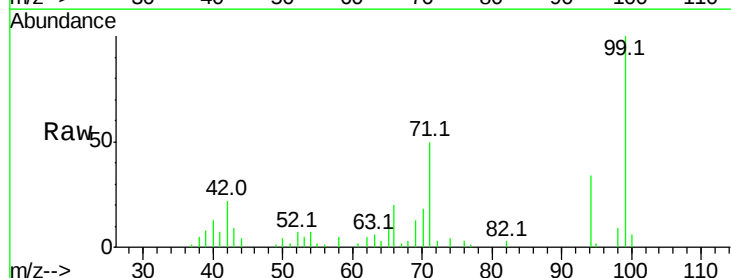
Tgt Ion: 94 Resp: 11918

Ion Ratio Lower Upper

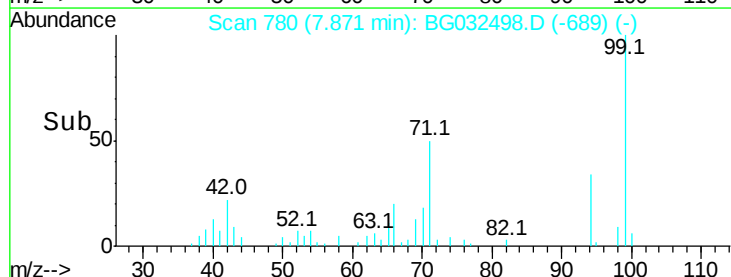
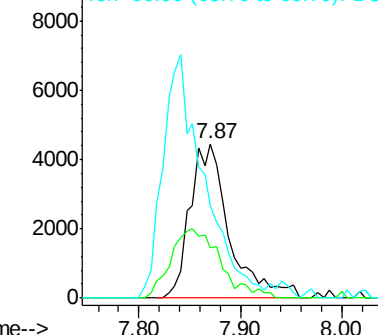
94 100

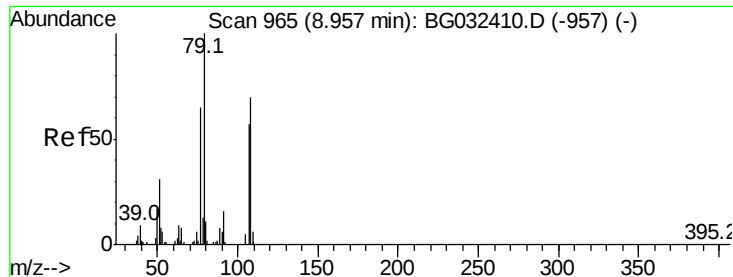
65 32.6 11.9 51.9

66 60.1 22.2 62.2



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





#15

Benzyl Alcohol

Concen: 2.012 ng

RT: 9.05 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

Instrument :

BNA_G

ClientSampled :

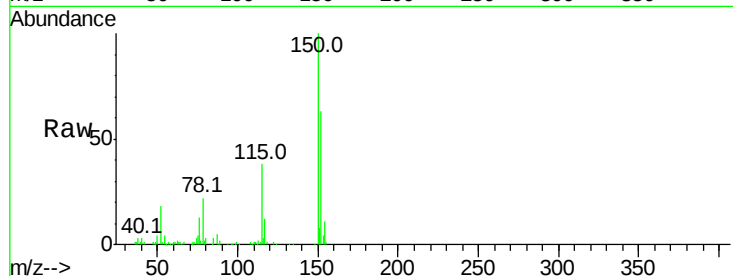
Tot Ion: 79 Resp: 2993

Ion Ratio Lower Upper

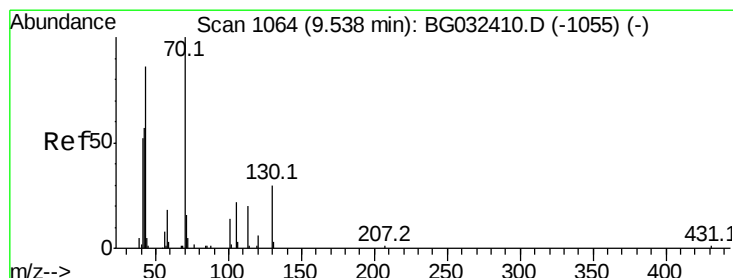
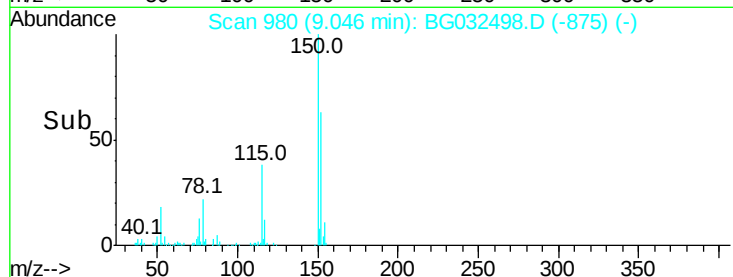
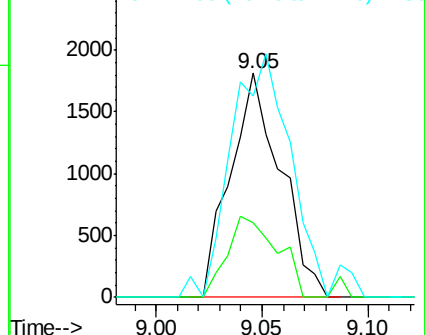
79 100

108 33.4 57.2 85.8#

77 89.8 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 16.576 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

Tgt Ion: 70 Resp: 19840

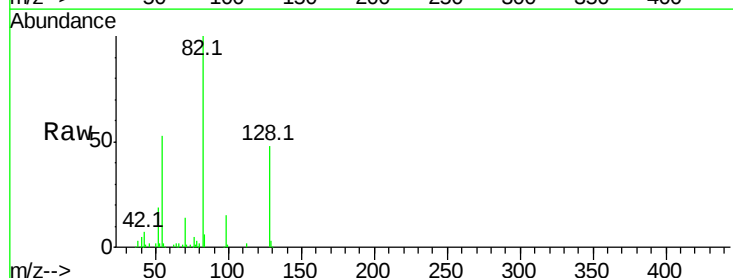
Ion Ratio Lower Upper

70 100

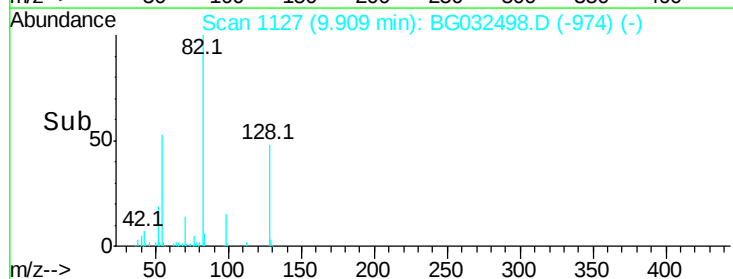
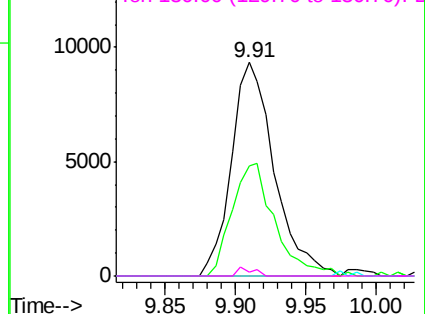
42 51.8 49.1 73.7

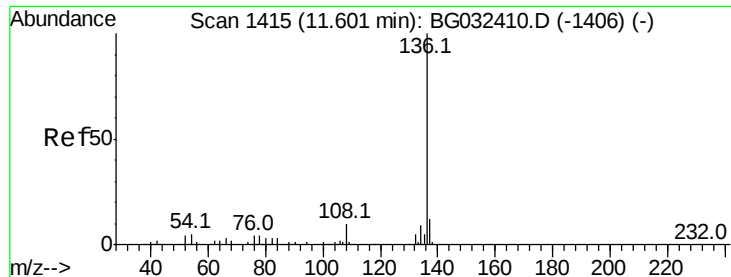
101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

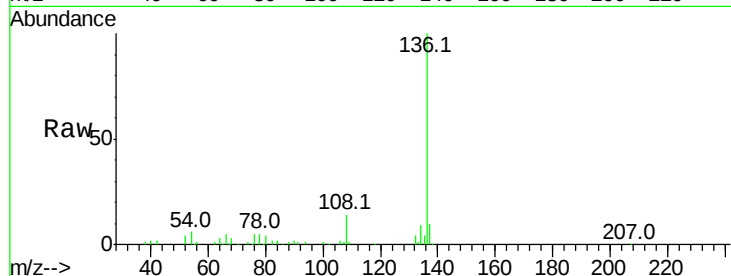




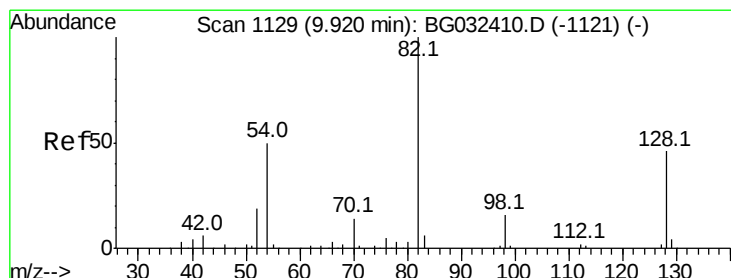
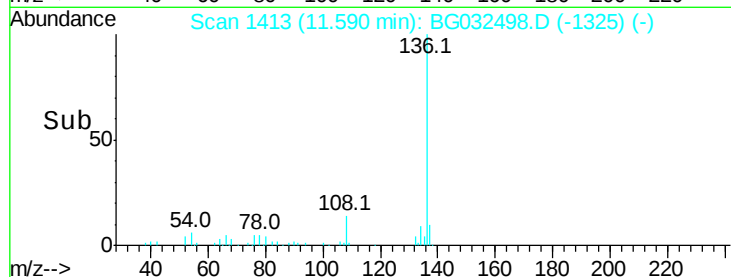
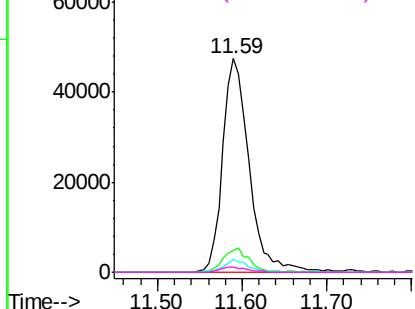
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	102865
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.1	10.3	15.5#
68	2.5	4.5	6.7#

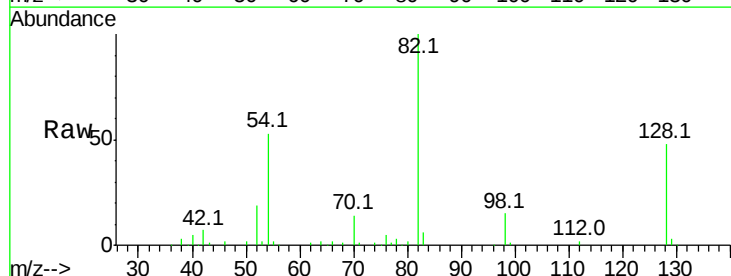


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

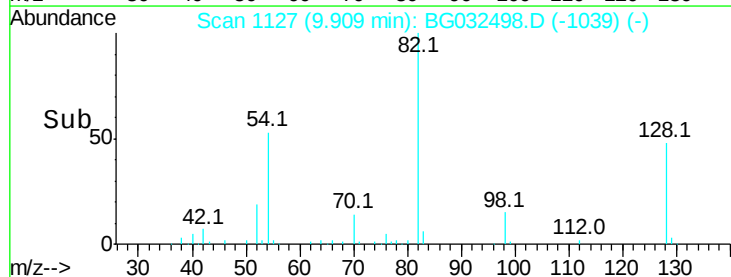
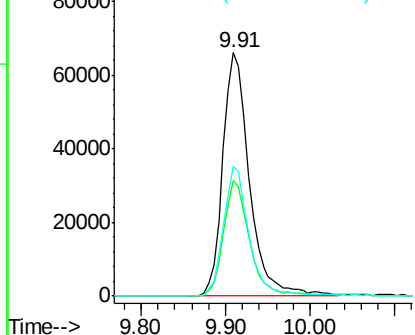


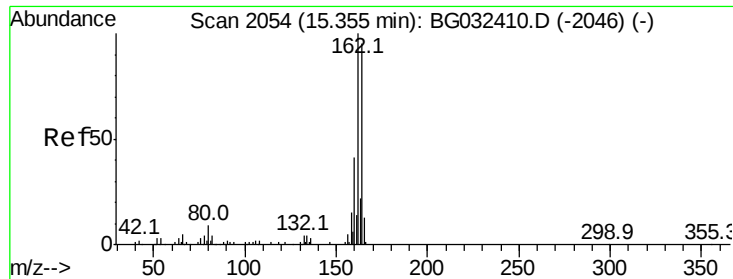
#23
Nitrobenzene-d5
Concen: 87.686 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:	82	Resp:	144409
Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	53.4	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

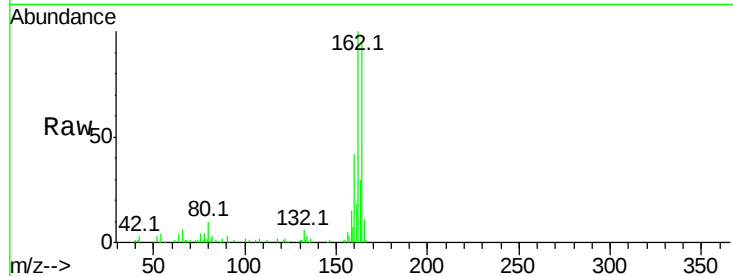
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 73110

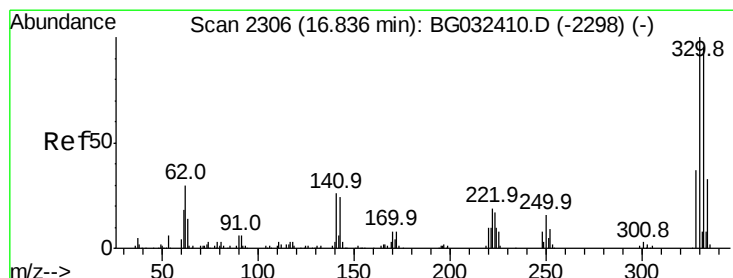
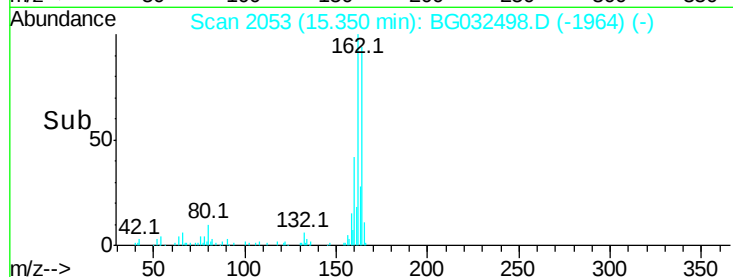
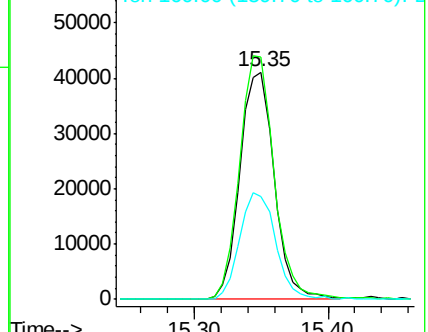
Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	45.1	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 135.665 ng

RT: 16.82 min Scan# 2304

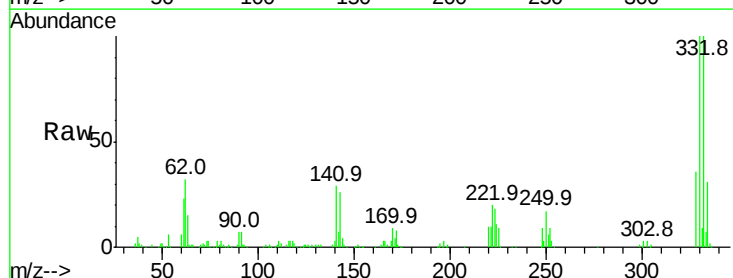
Delta R.T. -0.01 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

Tgt Ion:330 Resp: 188798

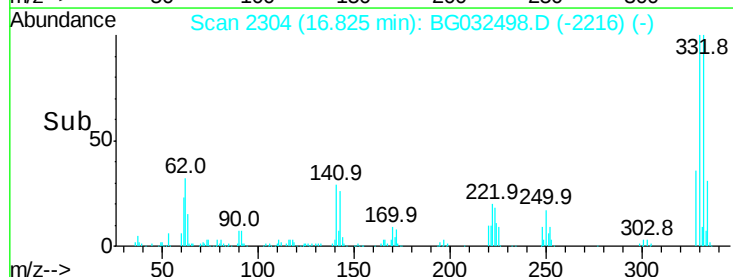
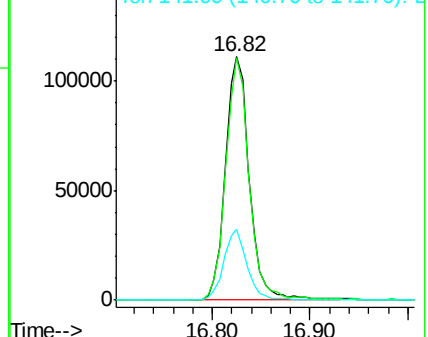
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.3	25.2	37.8

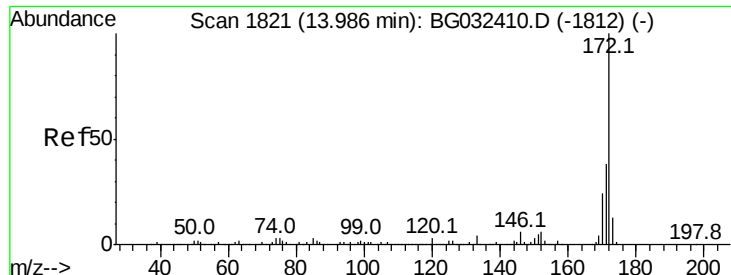


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

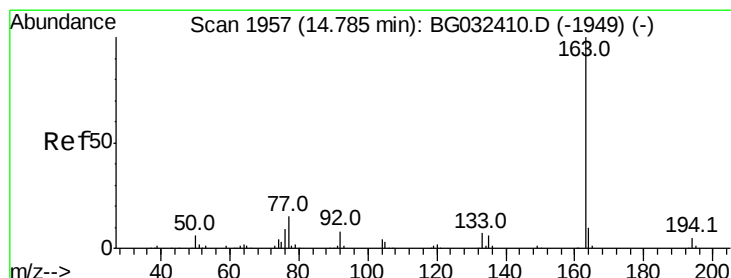
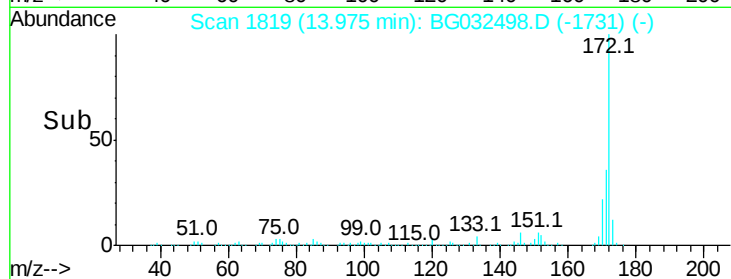
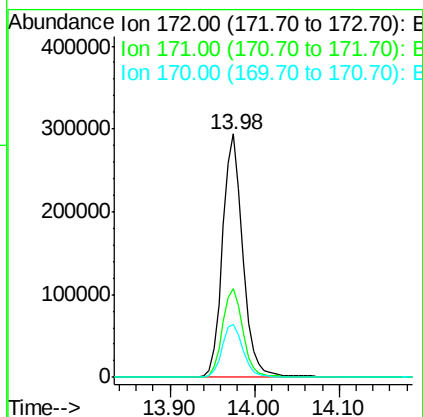
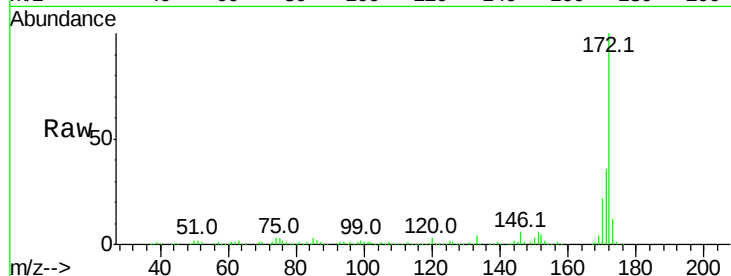




#44
2-Fluorobiphenyl
Concen: 79.600 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

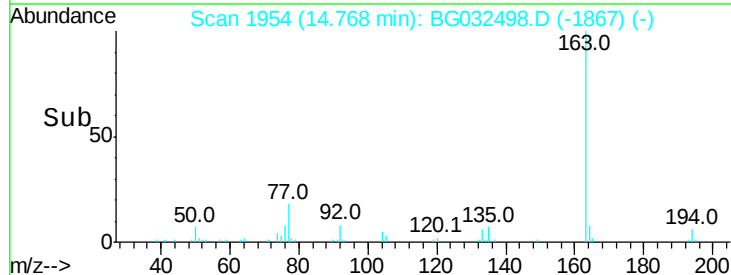
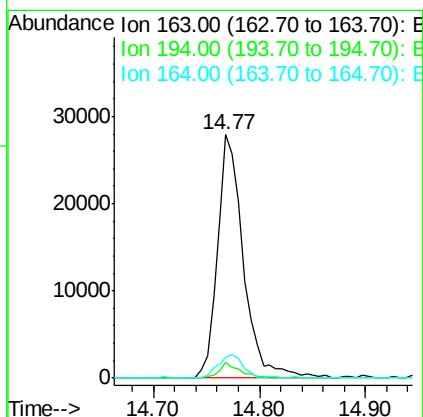
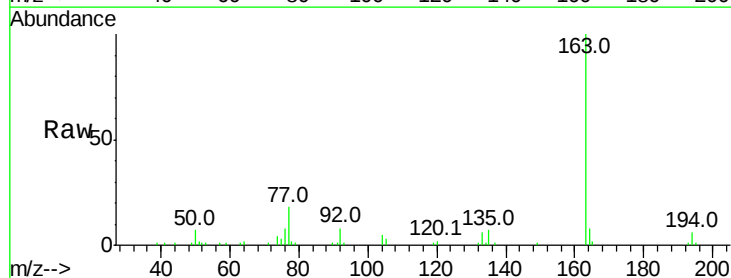
Instrument :
BNA_G
ClientSampleId :

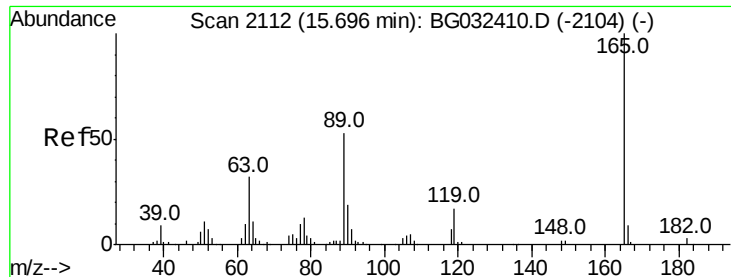
Tot Ion:172 Resp: 489627
Ion Ratio Lower Upper
172 100
171 36.2 30.0 45.0
170 21.9 19.5 29.3



#49
Dimethylphthalate
Concen: 7.082 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:163 Resp: 47743
Ion Ratio Lower Upper
163 100
194 6.2 3.4 5.2#
164 8.4 8.2 12.4

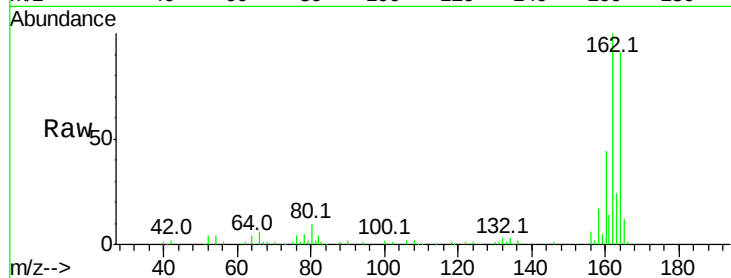




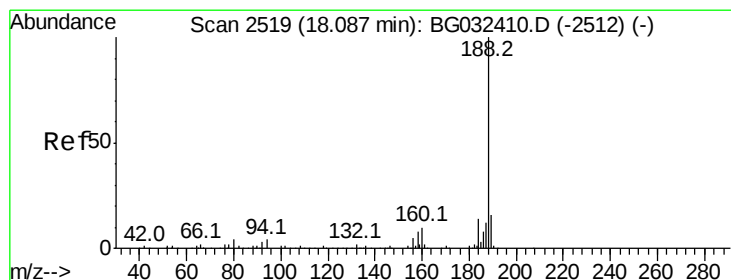
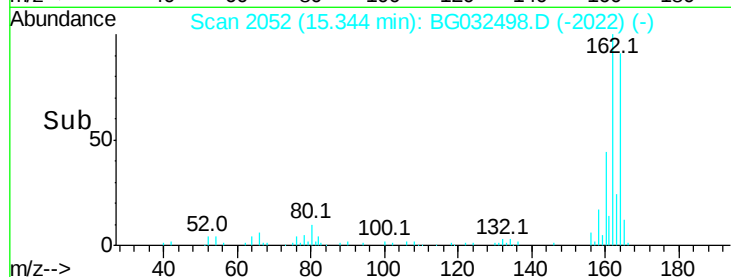
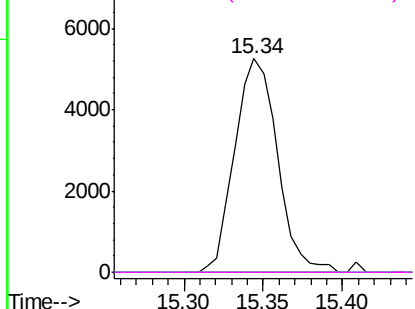
#56
2,4-Dinitrotoluene
Concen: 4.887 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 9845
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

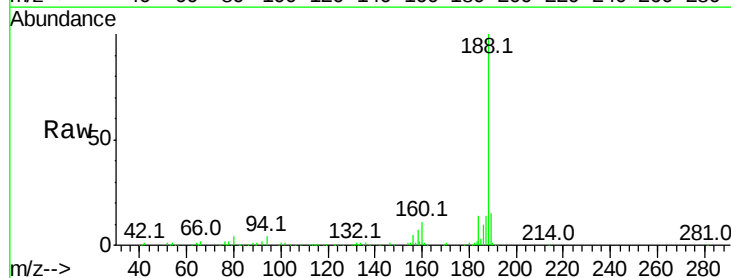


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

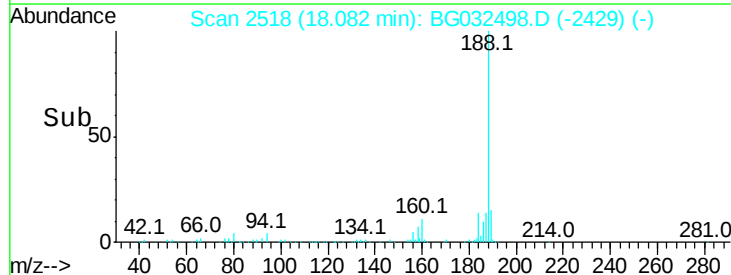
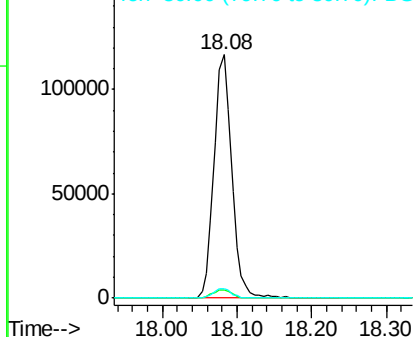


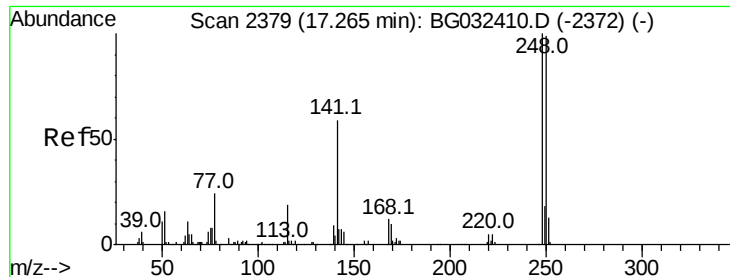
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:188 Resp: 193475
Ion Ratio Lower Upper
188 100
94 3.5 6.9 10.3#
80 3.8 7.7 11.5#



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

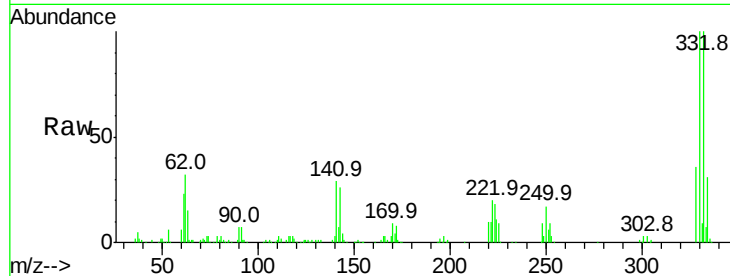




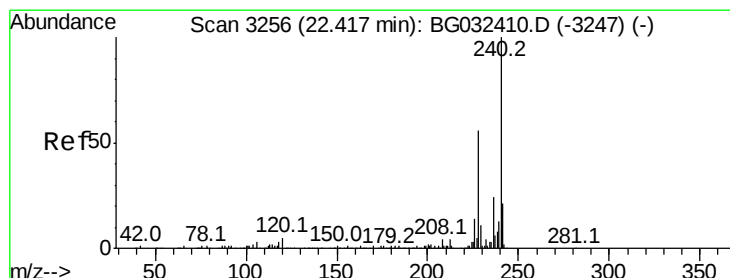
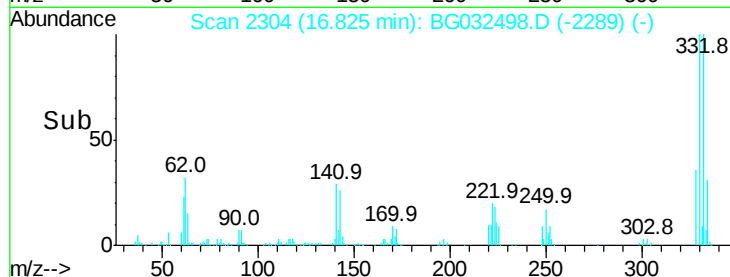
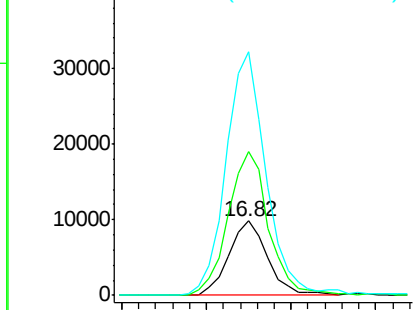
#66
 4-Bromophenyl-phenylether
 Concen: 5.438 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.44 min
 Lab File: BG032498.D
 Acq: 1 Feb 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15586
 Ion Ratio Lower Upper
 248 100
 250 193.8 77.1 115.7#
 141 327.9 50.8 76.2#

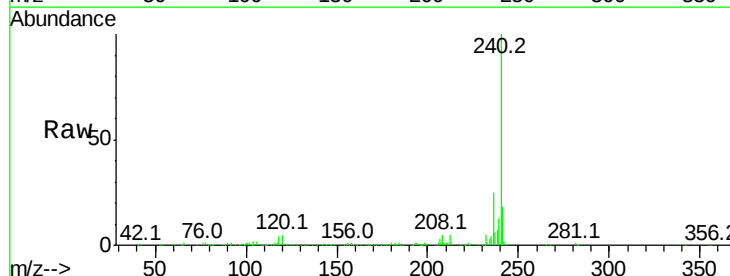


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

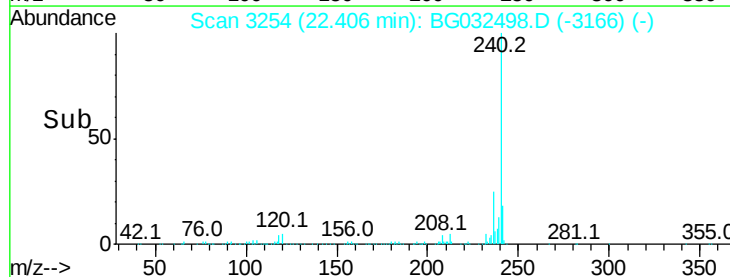
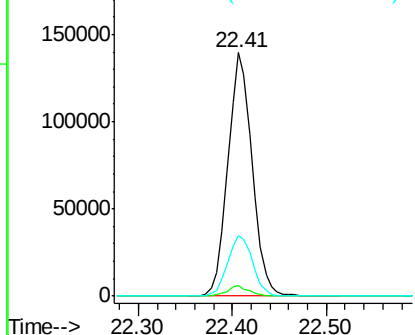


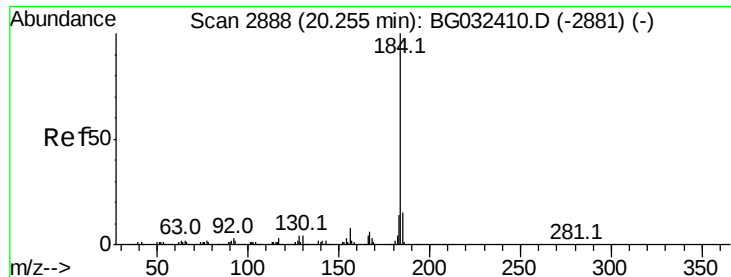
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032498.D
 Acq: 1 Feb 2018 20:22

Tgt Ion:240 Resp: 249279
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.8 10.2#
 236 24.7 20.9 31.3



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: 2.728 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

Instrument :

BNA_G

ClientSampled :

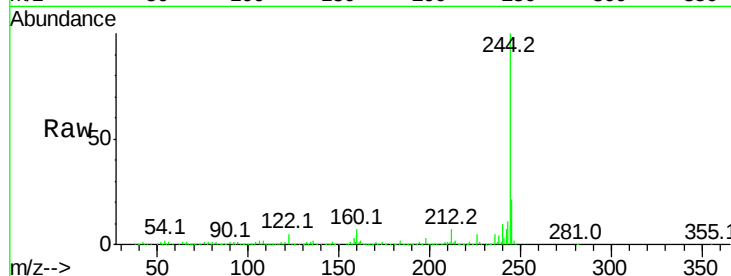
Tot Ion:184 Resp: 13351

Ion Ratio Lower Upper

184 100

185 22.2 11.1 16.7#

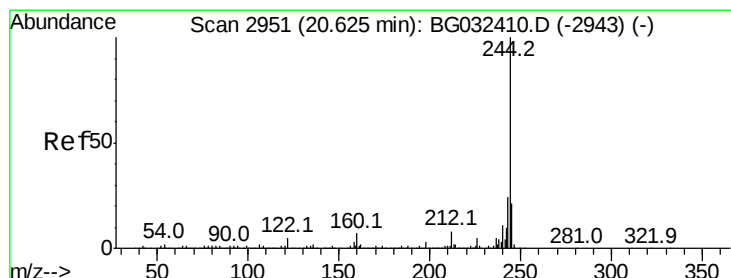
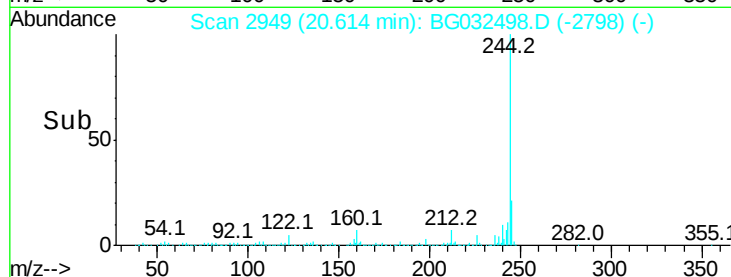
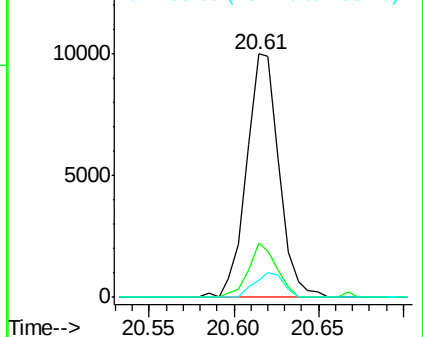
183 7.0 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 77.861 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032498.D

Acq: 1 Feb 2018 20:22

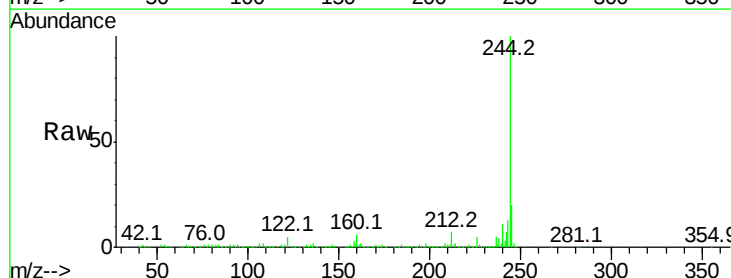
Tgt Ion:244 Resp: 906089

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

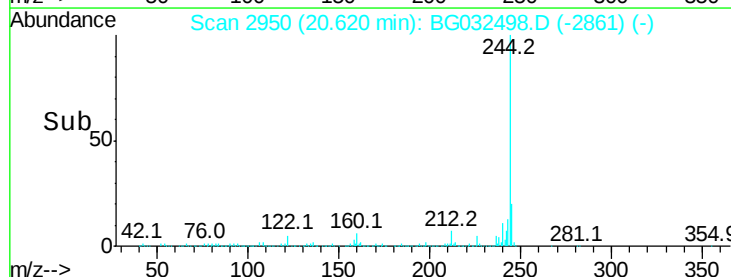
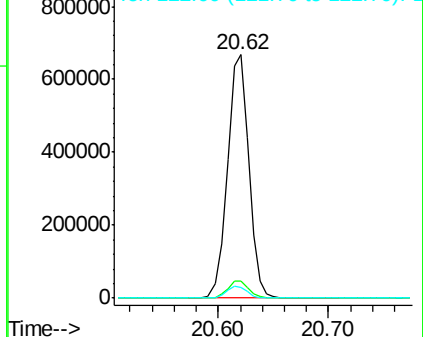
122 4.6 7.0 10.4#

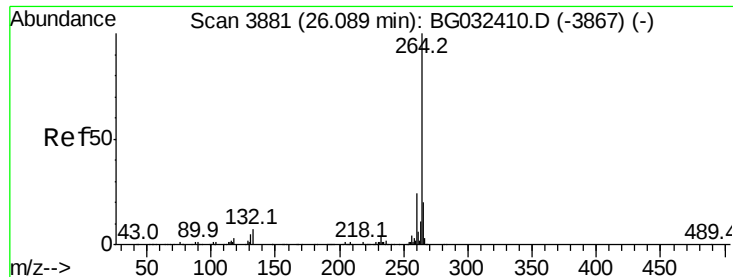


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032498.D
 Acq: 1 Feb 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.7	17.7	26.5

