

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032134.D
 Acq On : 18 Jan 2018 12:08
 Operator : SJ/JU
 Sample : J1158-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Quant Time: Jan 18 12:59:19 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

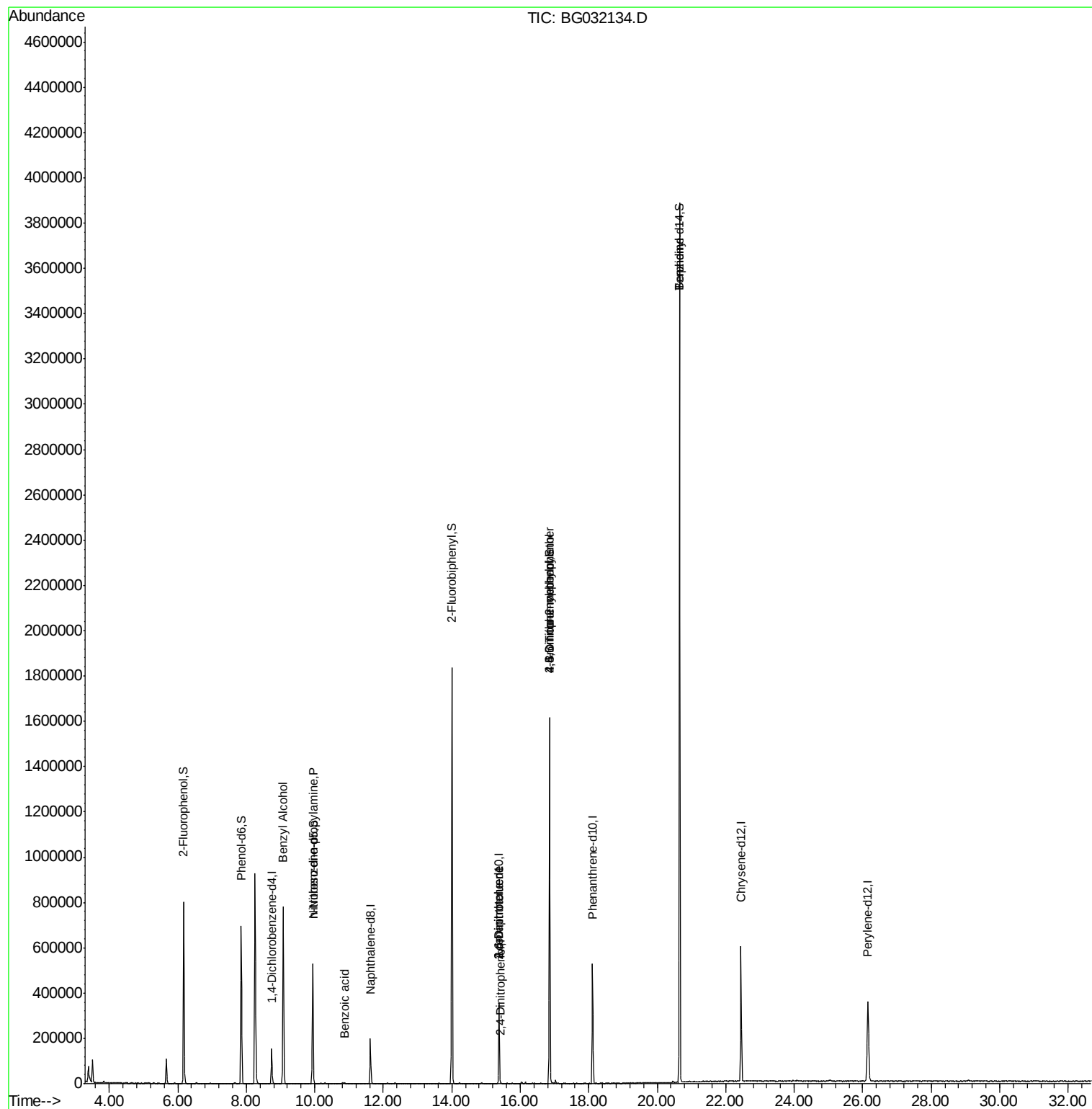
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	53910	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	200482	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	137036	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	355807	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	445477	20.00	ng	-0.03
86) Perylene-d12	26.16	264	469770	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	408800	138.69	ng	-0.02
7) Phenol-d6	7.85	99	448037	120.69	ng	-0.02
23) Nitrobenzene-d5	9.95	82	339381	114.53	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	362154	159.71	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	1114478	100.84	ng	-0.02
78) Terphenyl-d14	20.65	244	2086127	103.40	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.08	79	6418	2.380	ng	# 52
19) n-Nitroso-di-n-propylamine	9.95	70	47258	20.517	ng	# 74
32) Benzoic acid	10.86	122	881	5.608	ng	# 44
50) 2,6-Dinitrotoluene	15.38	165	17090	6.866	ng	# 21
53) 2,4-Dinitrophenol	15.42	184	56	7.005	ng	# 1
56) 2,4-Dinitrotoluene	15.38	165	17090	5.100	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.85	198	849	5.219	ng	# 3
66) 4-Bromophenyl-phenylether	16.85	248	31379	6.198	ng	# 1
76) Benzidine	20.65	184	30465	2.735	ng	# 92

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

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.03 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

Instrument :

BNA_G

ClientSampleId :

OWS-4

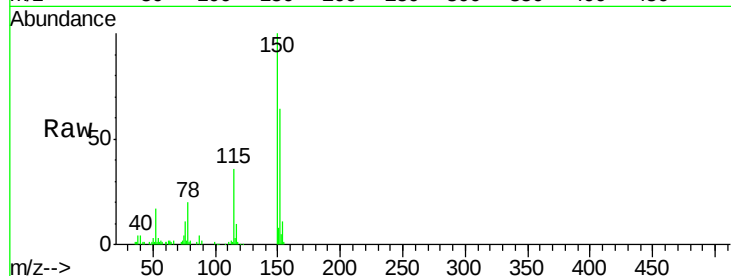
Tgt Ion:152 Resp: 53910

Ion Ratio Lower Upper

152 100

150 155.4 126.6 189.8

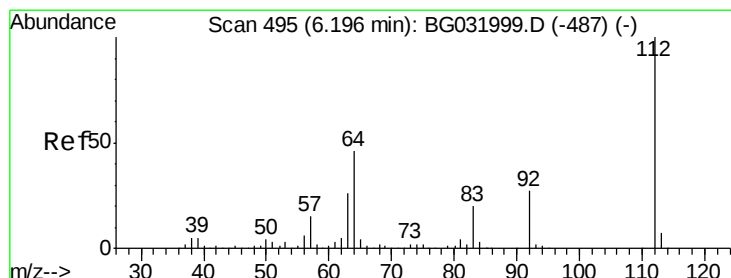
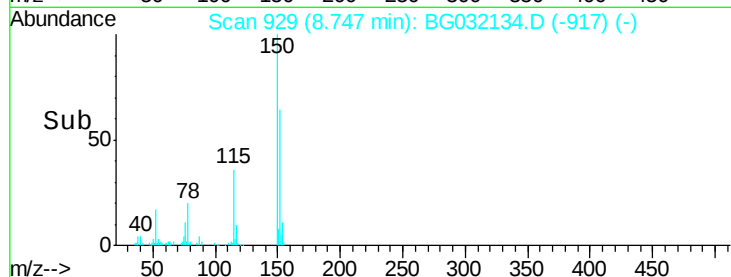
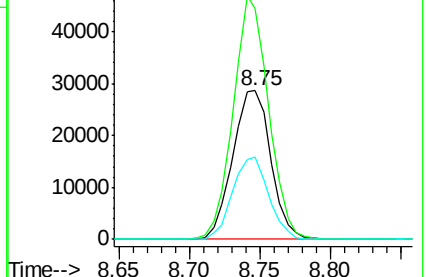
115 55.8 53.0 79.4



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: 138.688 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

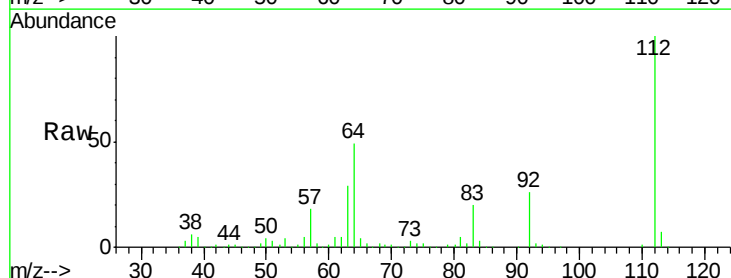
Tgt Ion:112 Resp: 408800

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

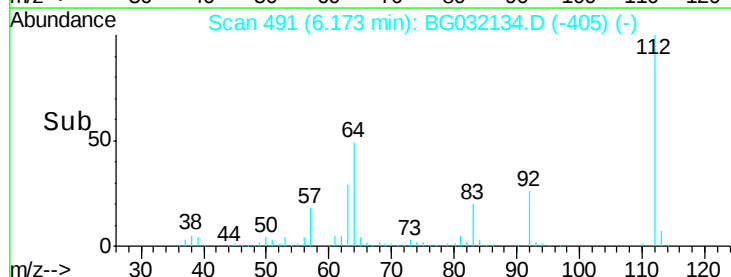
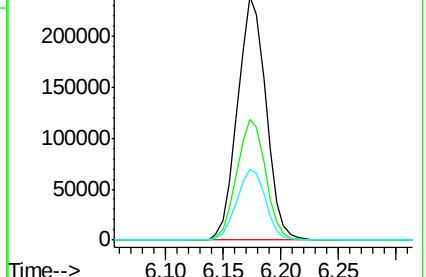
63 28.9 30.1 45.1#

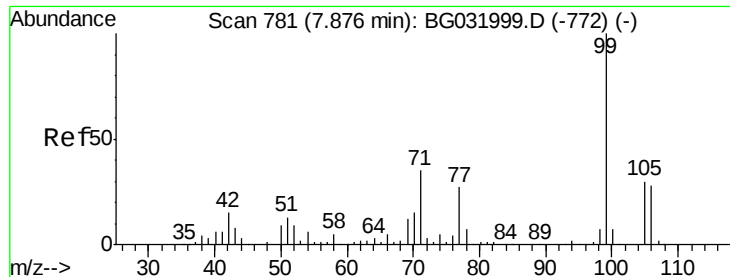


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.688 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

Instrument :

BNA_G

ClientSampleId :

OWS-4

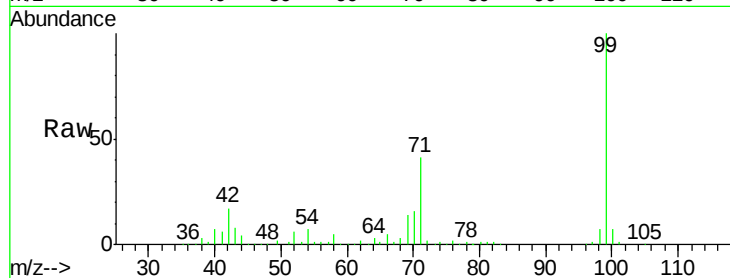
Tgt Ion: 99 Resp: 448037

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

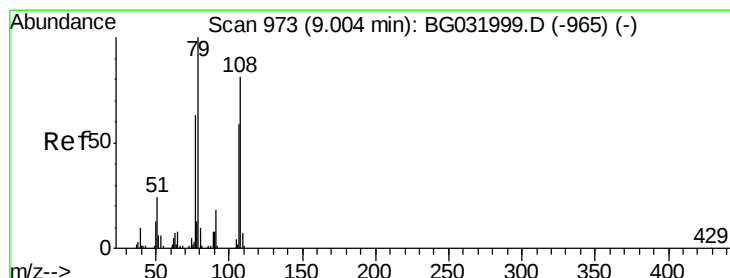
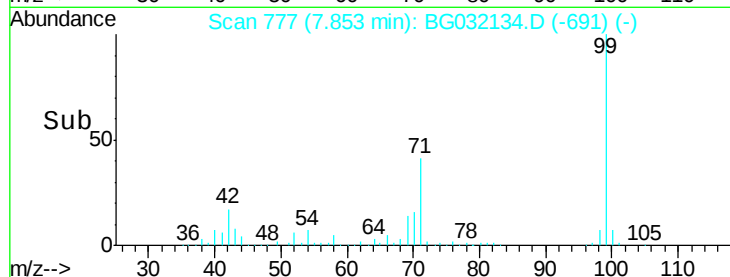
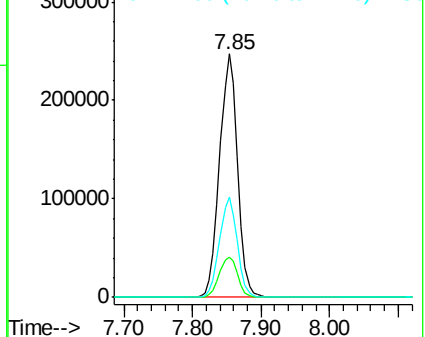
71 41.0 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.380 ng

RT: 9.08 min Scan# 986

Delta R.T. 0.08 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

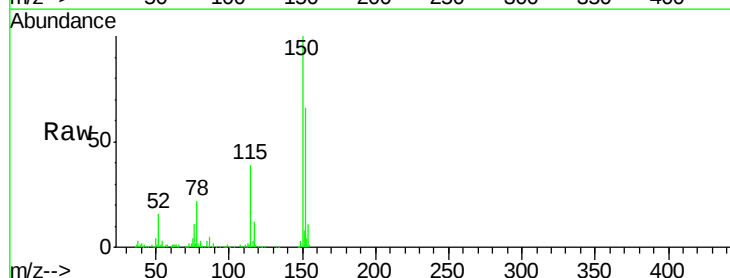
Tgt Ion: 79 Resp: 6418

Ion Ratio Lower Upper

79 100

108 44.3 57.2 85.8#

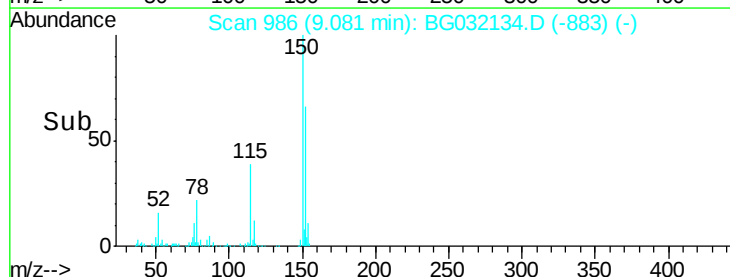
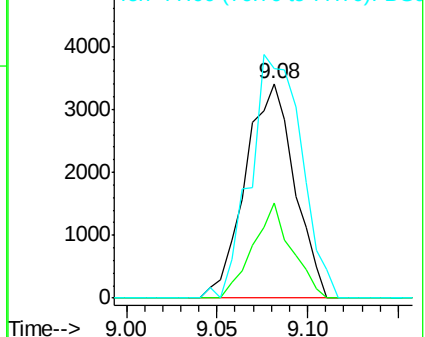
77 106.9 46.1 69.1#

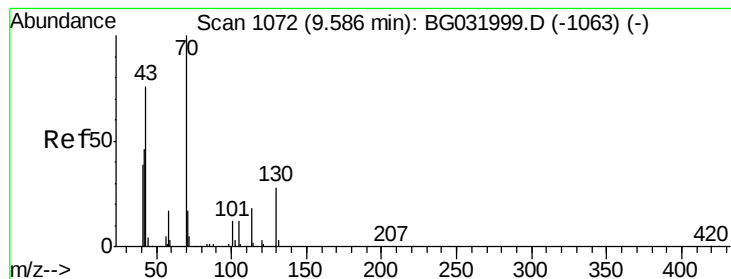


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: 20.517 ng

RT: 9.95 min Scan# 1133

Delta R.T. 0.36 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

Instrument :

BNA_G

ClientSampleId :

OWS-4

Tgt Ion: 70 Resp: 47258

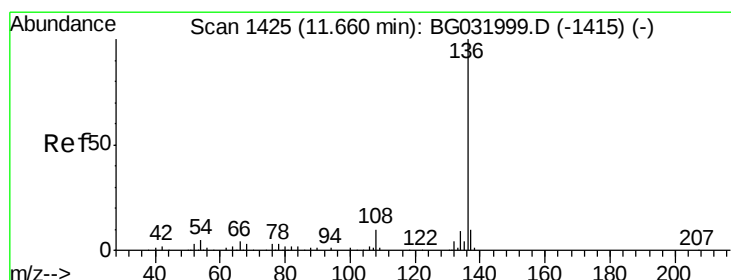
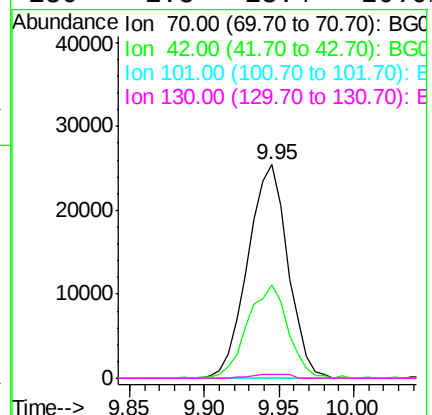
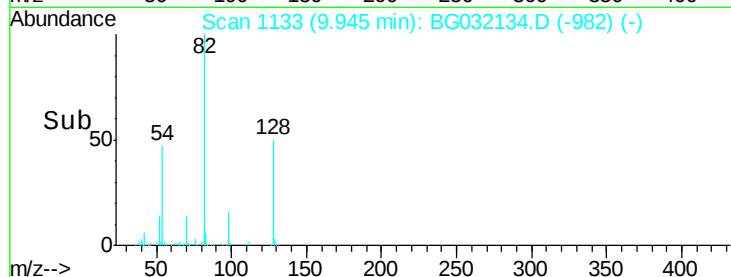
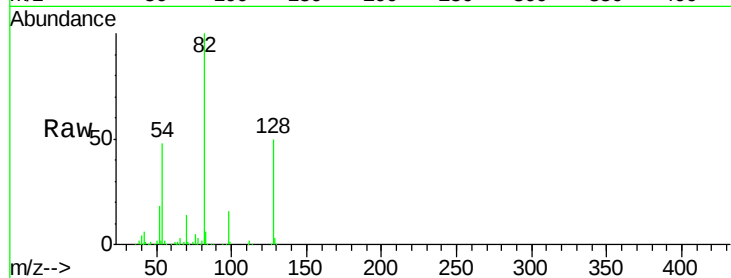
Ion Ratio Lower Upper

70 100

42 43.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

Tgt Ion: 136 Resp: 200482

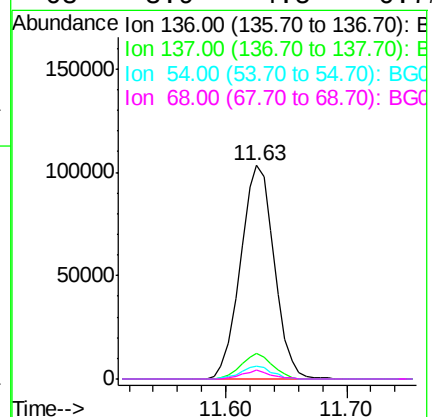
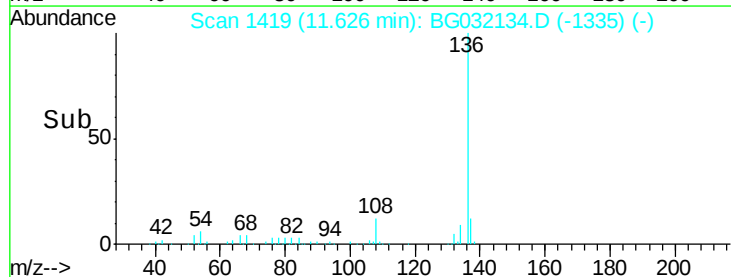
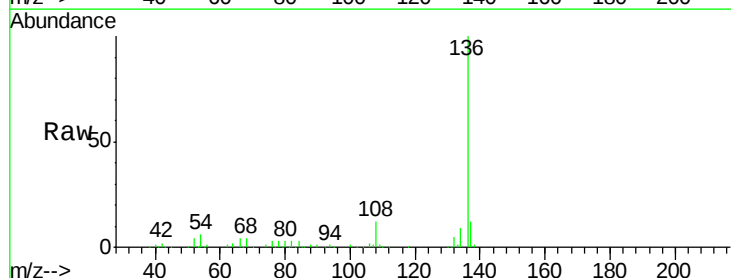
Ion Ratio Lower Upper

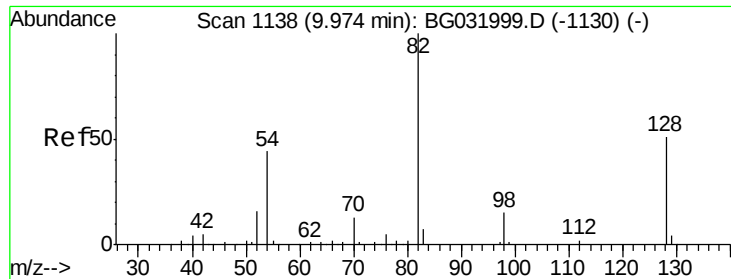
136 100

137 12.2 9.2 13.8

54 5.9 10.3 15.5#

68 3.9 4.5 6.7#

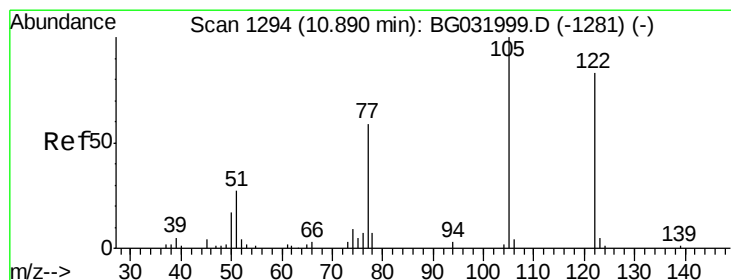
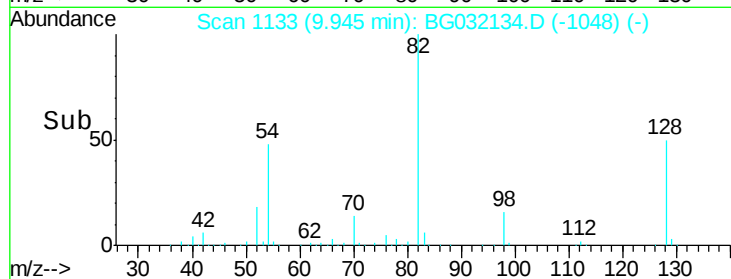
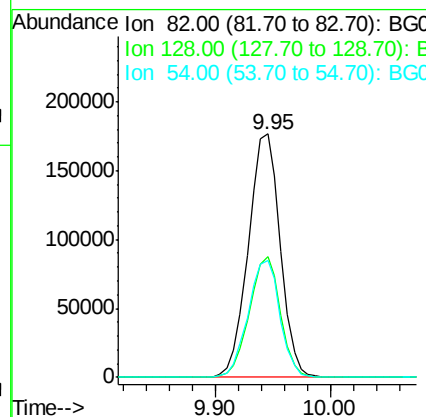
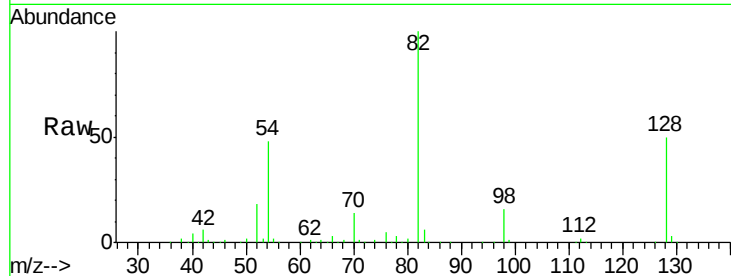




#23
 Nitrobenzene-d5
 Concen: 114.527 ng
 RT: 9.95 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BG032134.D
 Acq: 18 Jan 2018 12:08

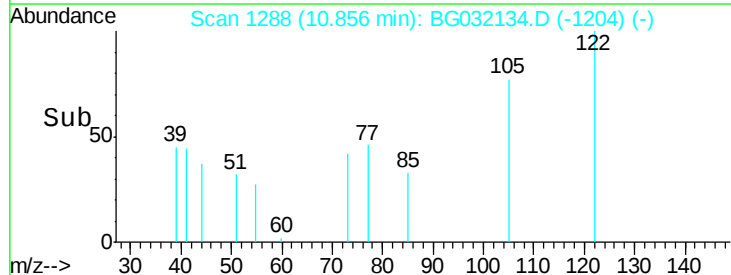
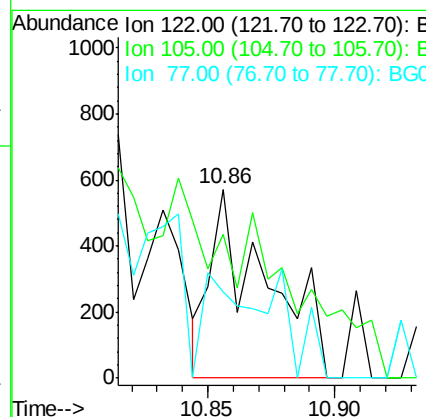
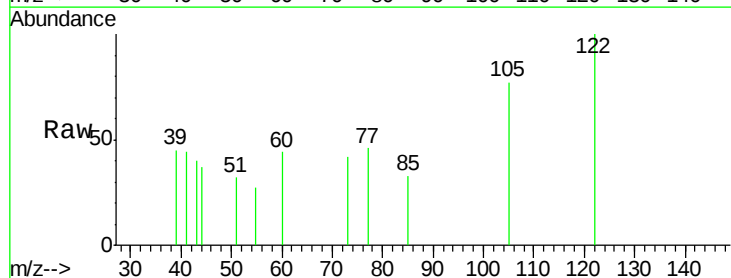
Instrument :
 BNA_G
 ClientSampled :
 OWS-4

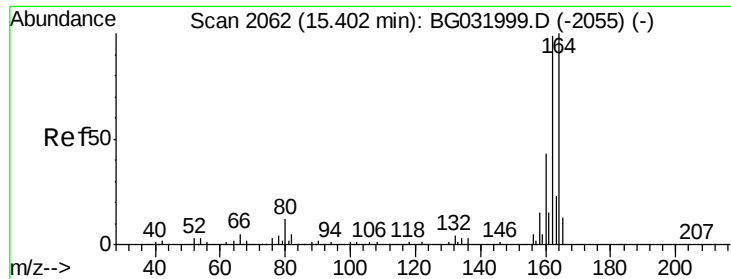
Tgt Ion: 82 Resp: 339381
 Ion Ratio Lower Upper
 82 100
 128 49.5 29.7 44.5#
 54 47.9 43.1 64.7



#32
 Benzoic acid
 Concen: 5.608 ng
 RT: 10.86 min Scan# 1288
 Delta R.T. -0.03 min
 Lab File: BG032134.D
 Acq: 18 Jan 2018 12:08

Tgt Ion: 122 Resp: 881
 Ion Ratio Lower Upper
 122 100
 105 76.5 123.5 163.5#
 77 45.7 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

Instrument :

BNA_G

ClientSampleId :

OWS-4

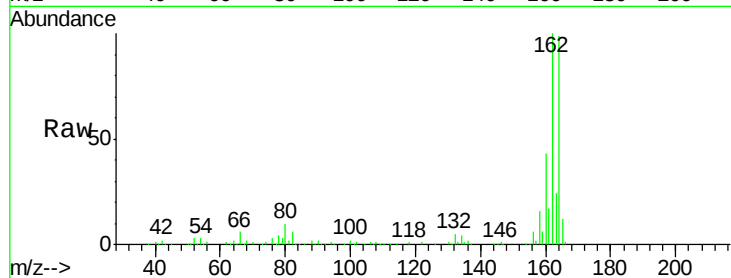
Tgt Ion:164 Resp: 137036

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

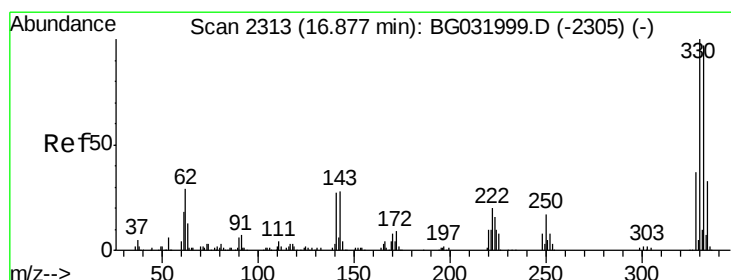
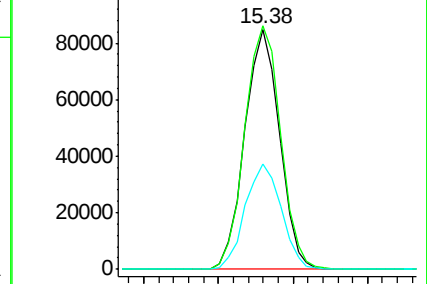
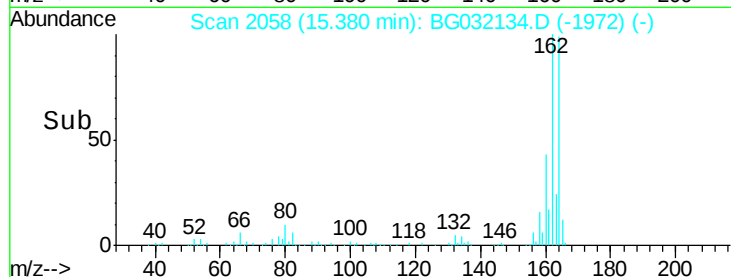
160 44.0 35.4 53.0



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: 159.706 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032134.D

Acq: 18 Jan 2018 12:08

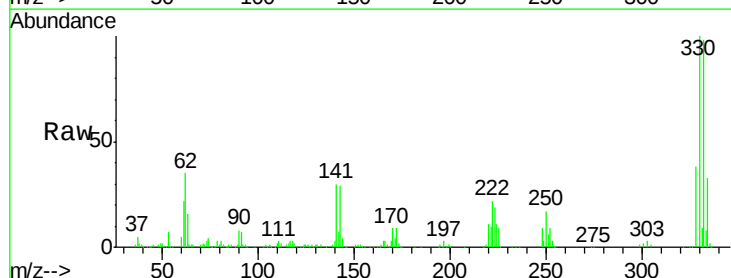
Tgt Ion:330 Resp: 362154

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

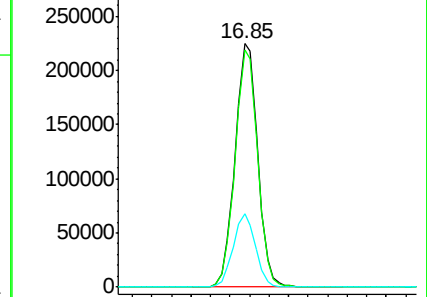
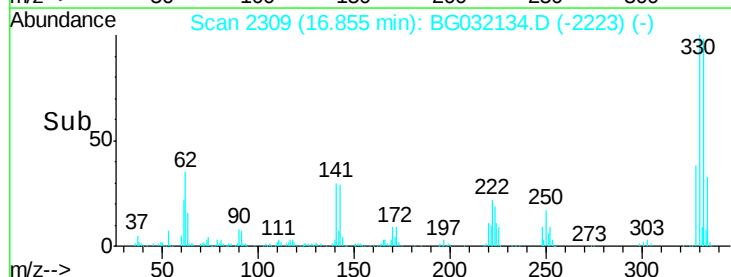
141 29.7 25.2 37.8

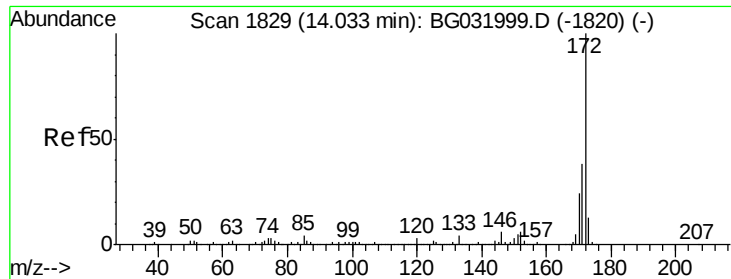


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

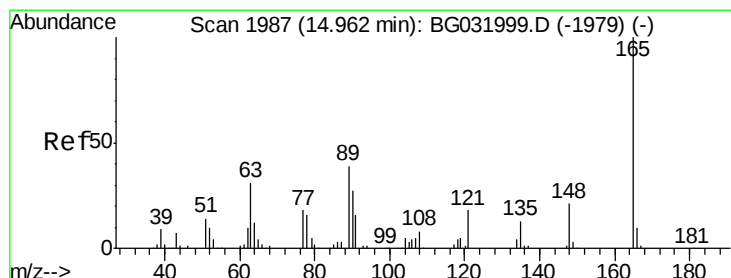
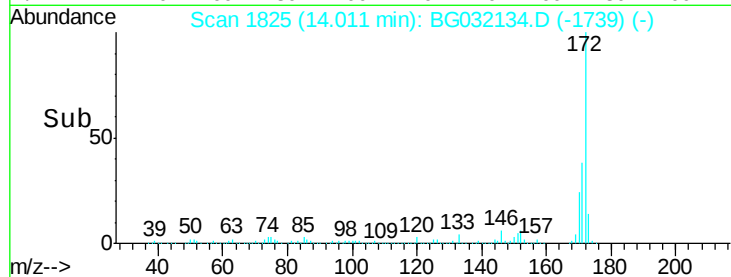
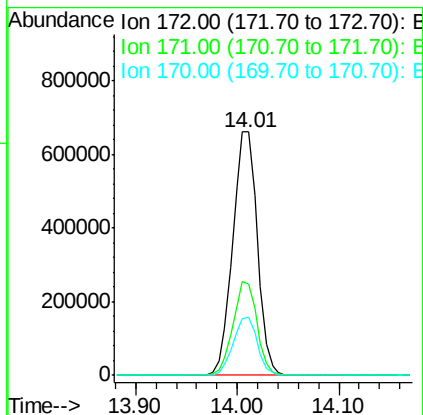
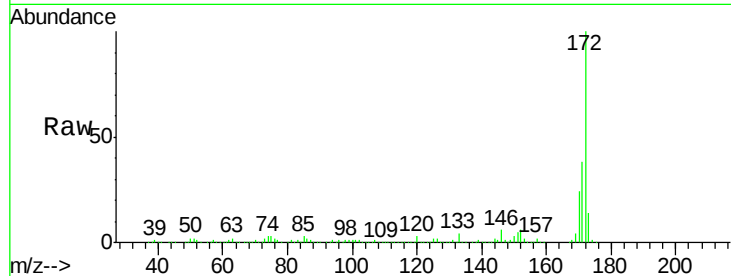




#44
2-Fluorobiphenyl
Concen: 100.842 ng
RT: 14.01 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

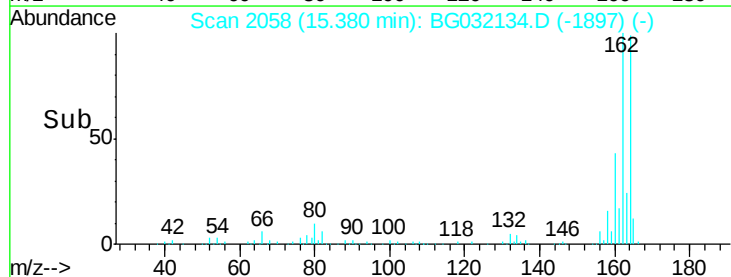
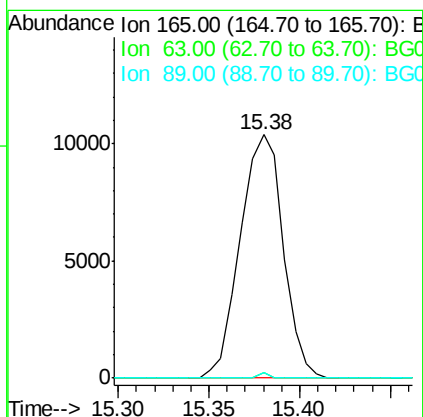
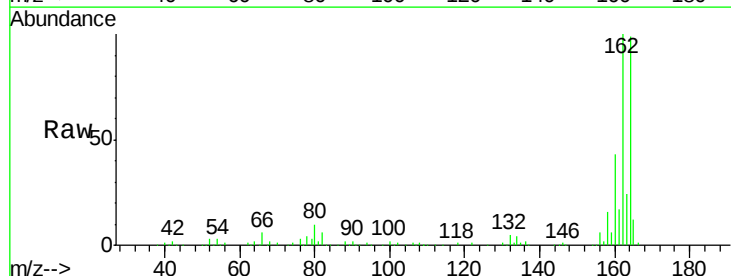
Instrument :
BNA_G
ClientSampleId :
OWS-4

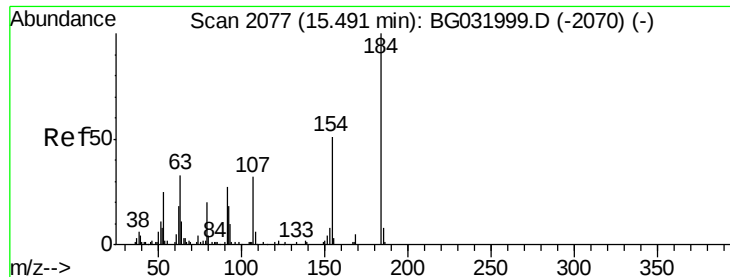
Tgt Ion:172 Resp: 1114478
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 23.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.866 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.42 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

Tgt Ion:165 Resp: 17090
Ion Ratio Lower Upper
165 100
63 2.2 52.7 79.1#
89 2.3 49.2 73.8#

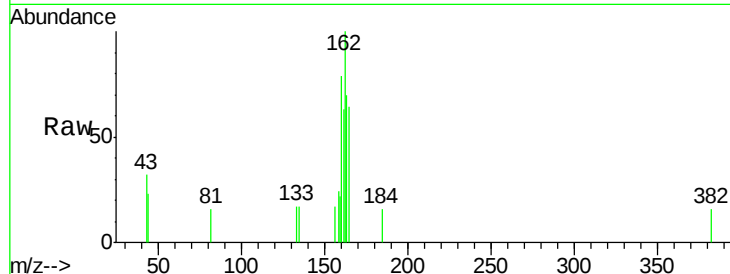




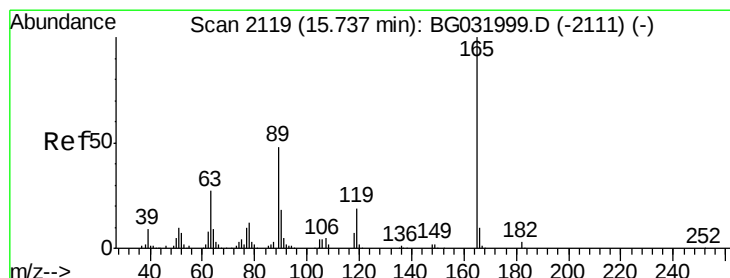
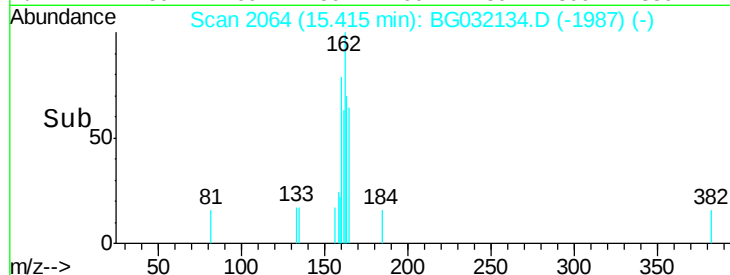
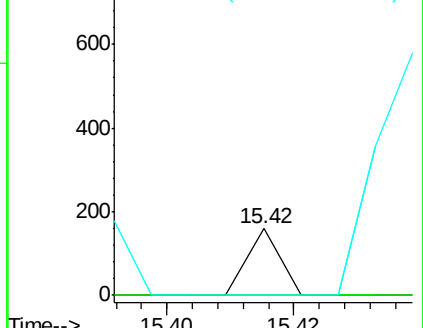
#53
2,4-Dinitrophenol
Concen: 7.005 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.08 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

Instrument :
BNA_G
ClientSampleId :
OWS-4

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

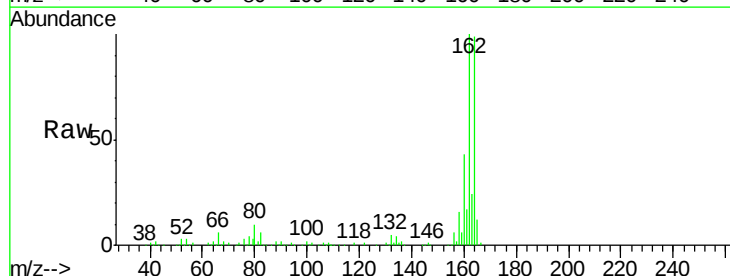


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

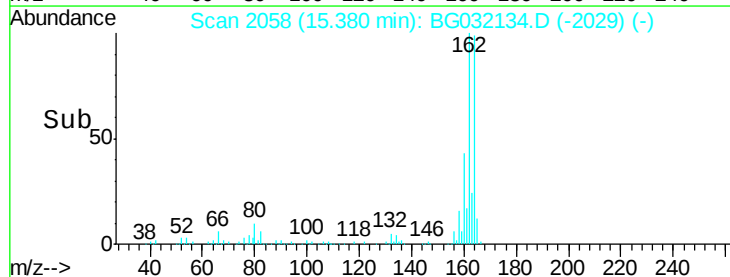
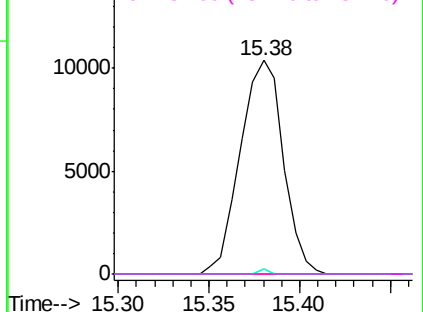


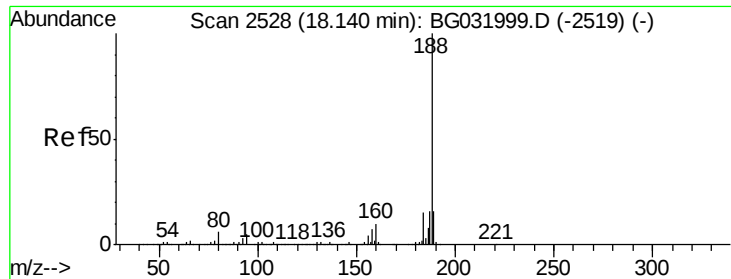
#56
2,4-Dinitrotoluene
Concen: 5.100 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.36 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

Tgt Ion:165 Resp: 17090
Ion Ratio Lower Upper
165 100
63 2.2 42.0 63.0#
89 2.3 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

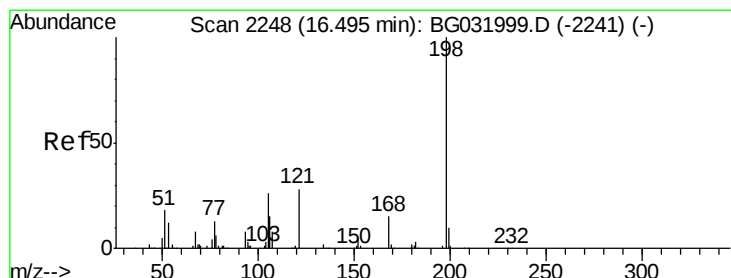
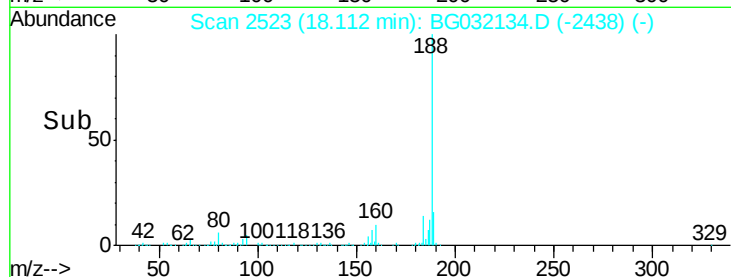
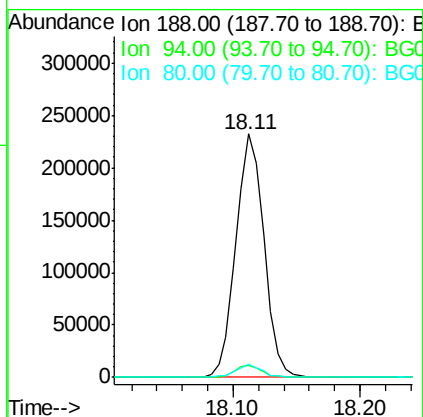
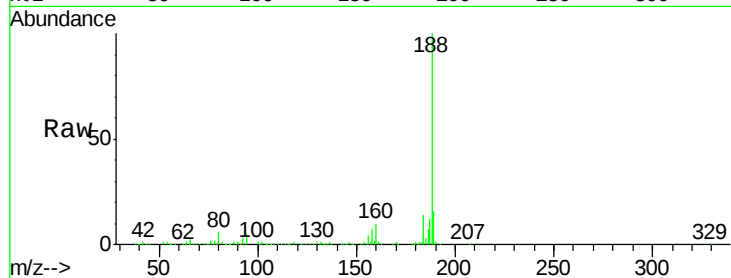




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

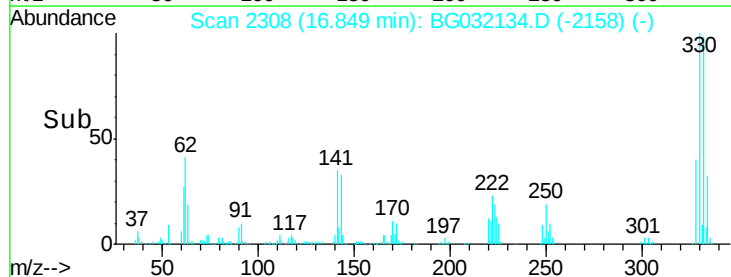
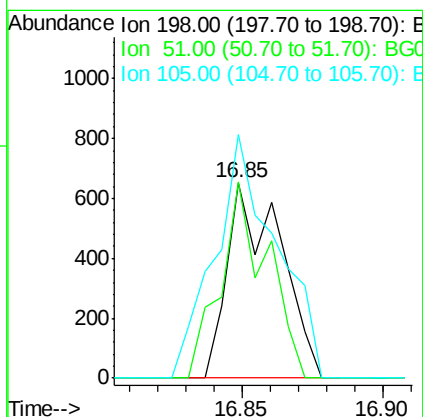
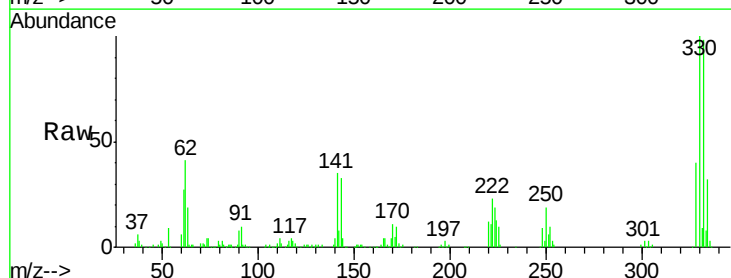
Instrument :
BNA_G
ClientSampleId :
OWS-4

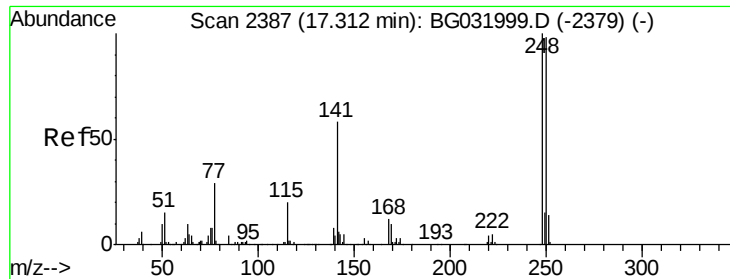
Tgt Ion:188 Resp: 355807
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 5.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.219 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.35 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

Tgt Ion:198 Resp: 849
Ion Ratio Lower Upper
198 100
51 100.6 30.6 70.6#
105 124.5 23.8 63.8#

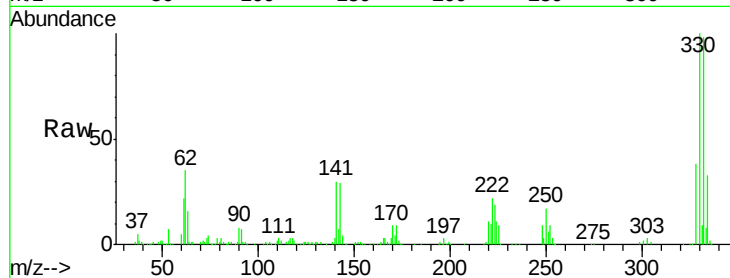




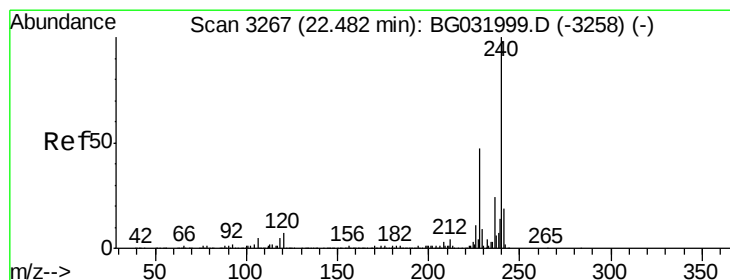
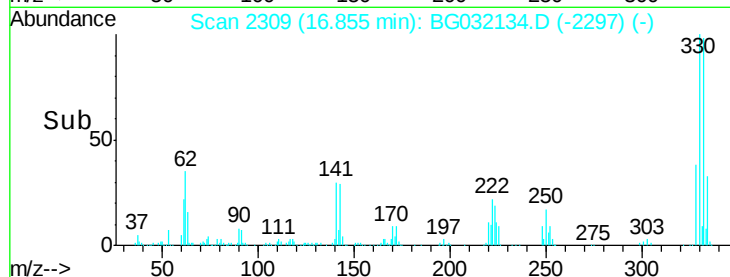
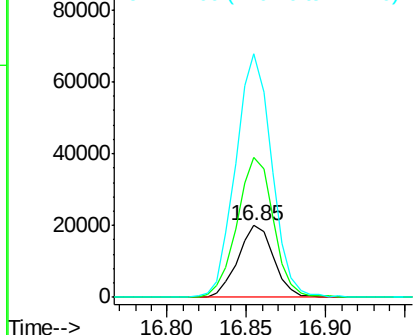
#66
 4-Bromophenyl-phenylether
 Concen: 6.198 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.46 min
 Lab File: BG032134.D
 Acq: 18 Jan 2018 12:08

Instrument :
 BNA_G
 ClientSampleId :
 OWS-4

Tgt Ion:248 Resp: 31379
 Ion Ratio Lower Upper
 248 100
 250 194.6 77.1 115.7#
 141 338.6 50.8 76.2#

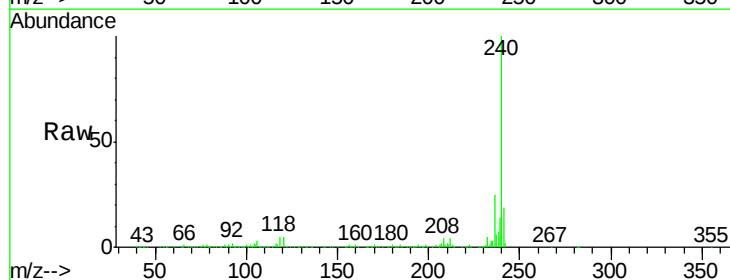


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

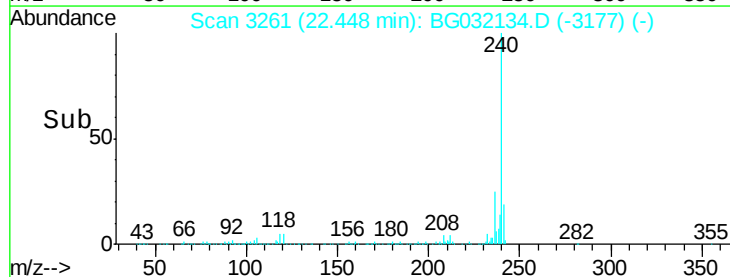
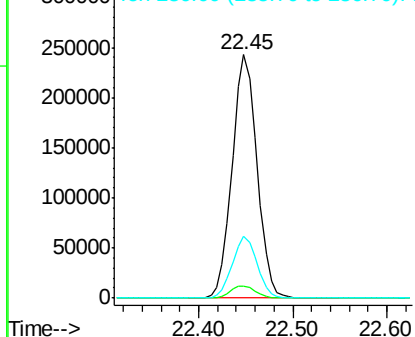


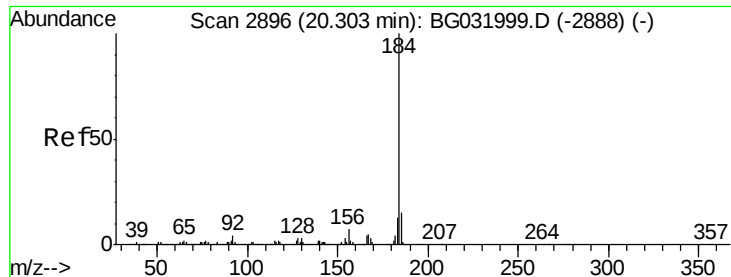
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.03 min
 Lab File: BG032134.D
 Acq: 18 Jan 2018 12:08

Tgt Ion:240 Resp: 445477
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 25.4 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

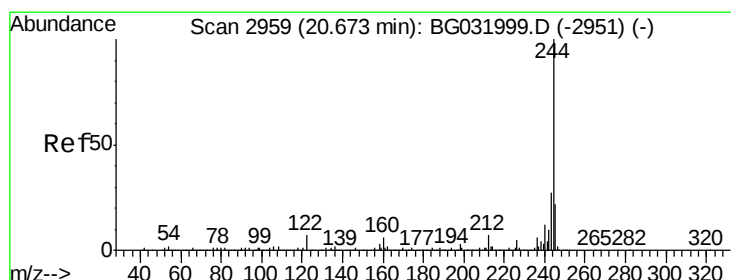
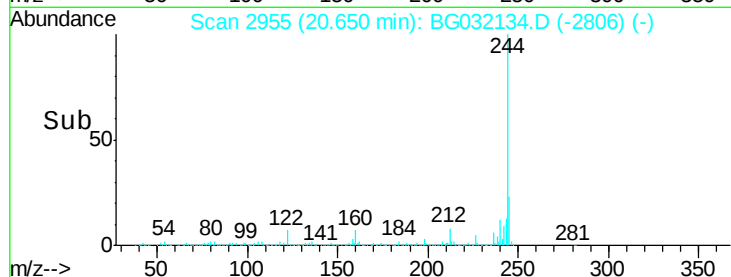
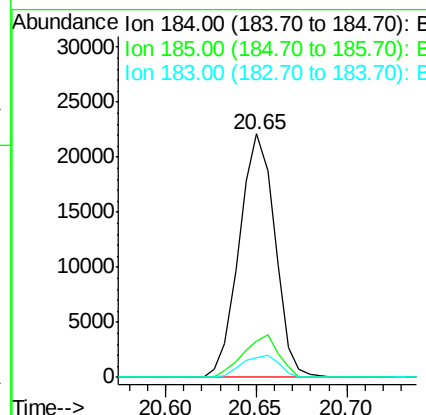
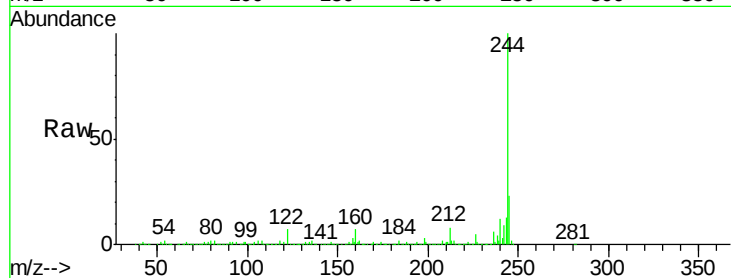




#76
Benzidine
Concen: 2.735 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.35 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

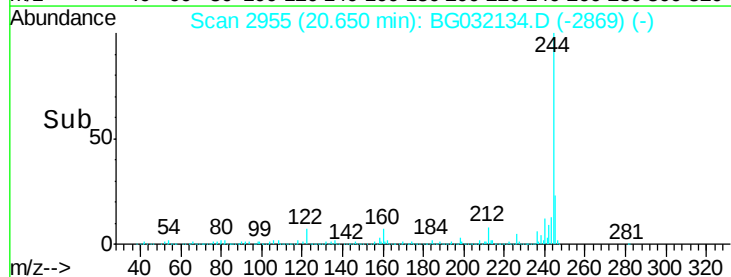
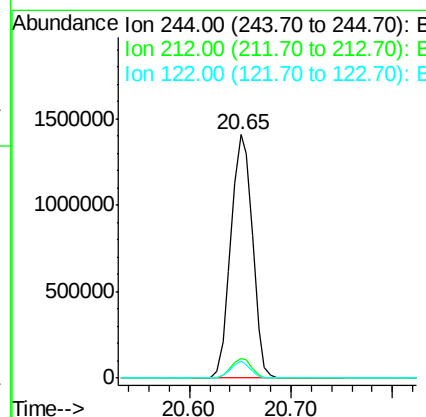
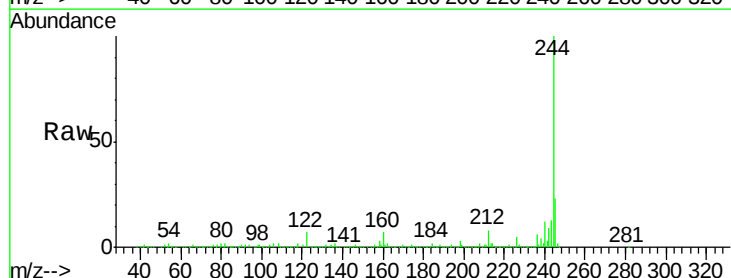
Instrument :
BNA_G
ClientSampleId :
OWS-4

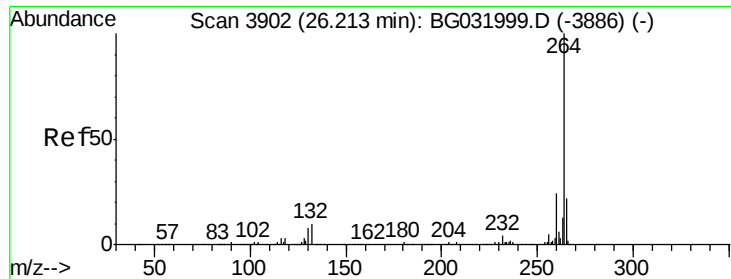
Tgt Ion:184 Resp: 30465
Ion Ratio Lower Upper
184 100
185 15.1 11.1 16.7
183 8.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 103.401 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

Tgt Ion:244 Resp: 2086127
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 6.8 7.0 10.4#

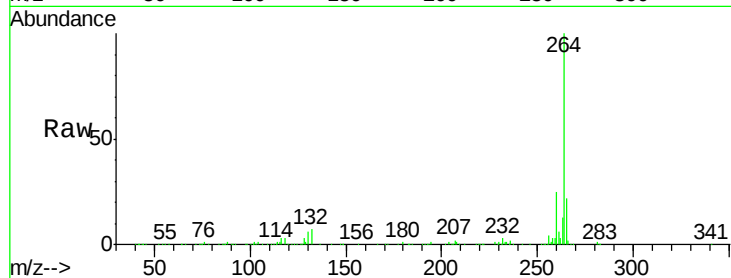




#86
Perylene-d12
Concen: 20.000 ng
RT: 26.16 min Scan# 3892
Delta R.T. -0.06 min
Lab File: BG032134.D
Acq: 18 Jan 2018 12:08

Instrument :
BNA_G
ClientSampleId :
OWS-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.1	17.7	26.5



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

