

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032129.D
 Acq On : 18 Jan 2018 9:00
 Operator : SJ/JU
 Sample : J1158-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

Quant Time: Jan 18 10:06:24 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

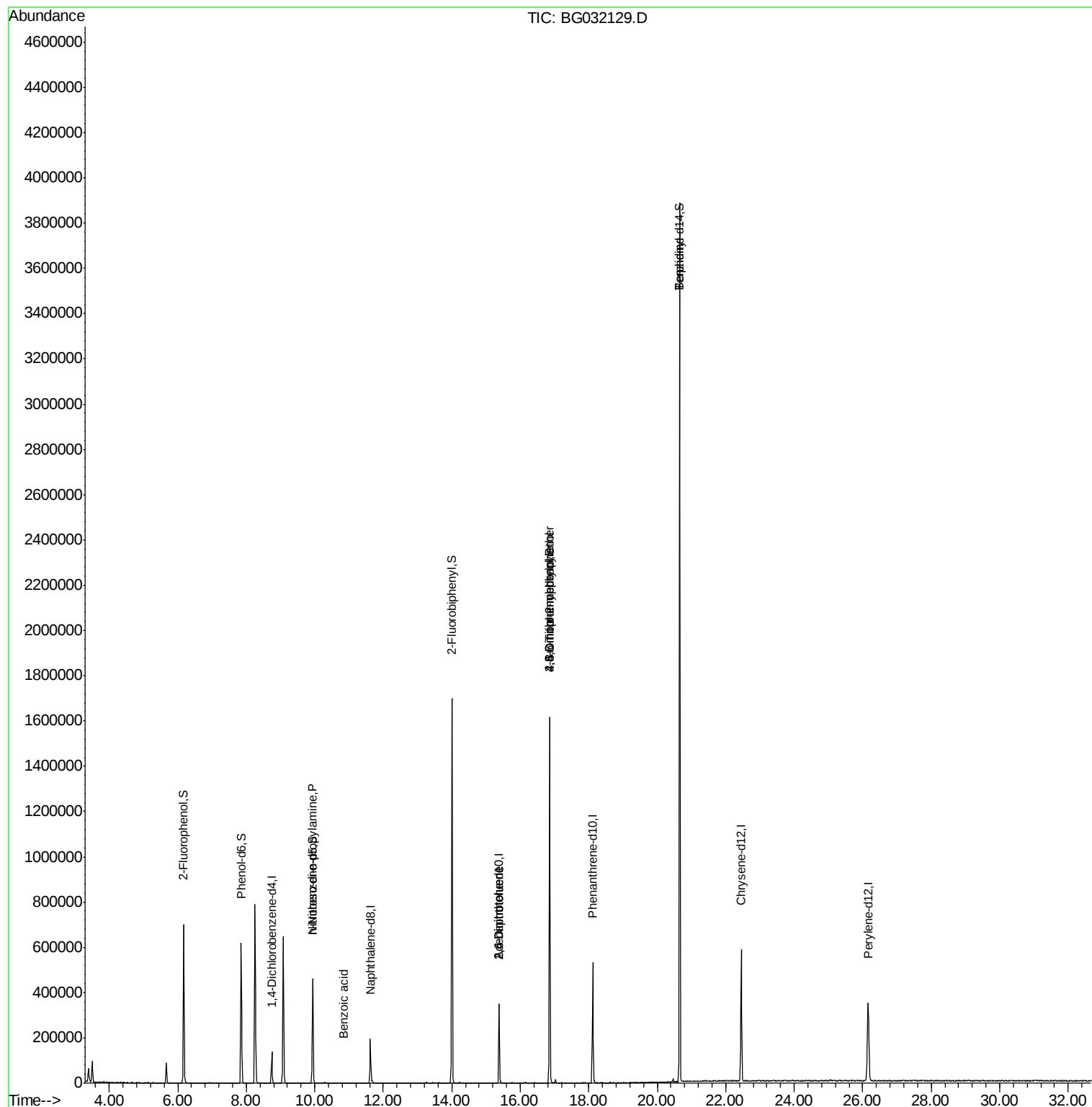
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	47477	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	189541	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	131684	20.00	ng	-0.02
63) Phenanthrene-d10	18.12	188	364097	20.00	ng	-0.02
75) Chrysene-d12	22.45	240	458739	20.00	ng	-0.03
86) Perylene-d12	26.15	264	477522	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	353079	136.01	ng	-0.02
7) Phenol-d6	7.85	99	393071	120.23	ng	-0.02
23) Nitrobenzene-d5	9.94	82	293074	104.61	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	367337	168.58	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	1023290	96.35	ng	-0.02
78) Terphenyl-d14	20.66	244	2128711	102.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.94	70	41596	20.506	ng	# 74
32) Benzoic acid	10.84	122	69	5.285	ng	# 1
50) 2,6-Dinitrotoluene	15.38	165	17020	7.116	ng	# 20
56) 2,4-Dinitrotoluene	15.38	165	17020	5.285	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	1056	5.291	ng	# 57
66) 4-Bromophenyl-phenylether	16.86	248	31580	6.096	ng	# 1
76) Benzidine	20.66	184	31938	2.784	ng	# 93

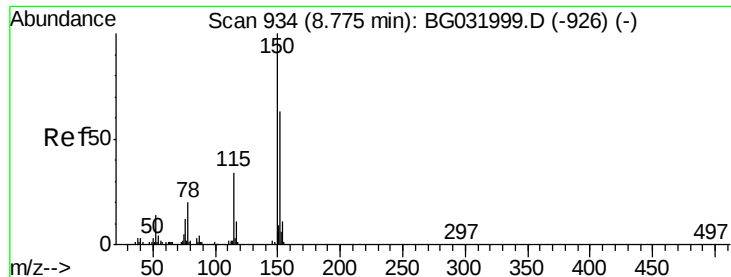
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
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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: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

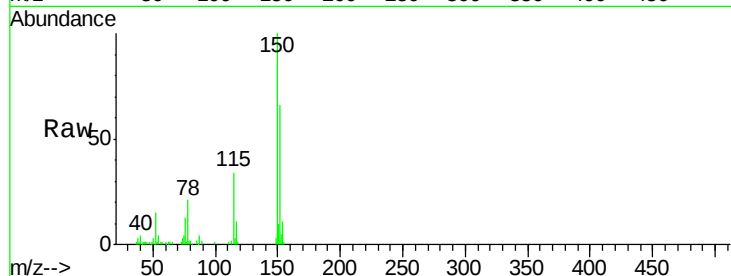
Tgt Ion:152 Resp: 47477

Ion Ratio Lower Upper

152 100

150 151.9 126.6 189.8

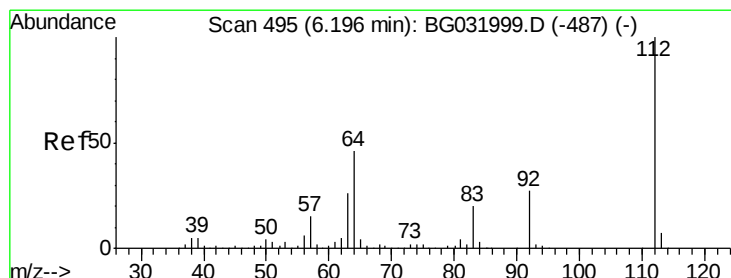
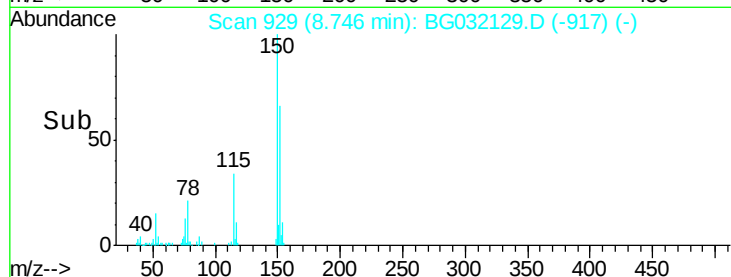
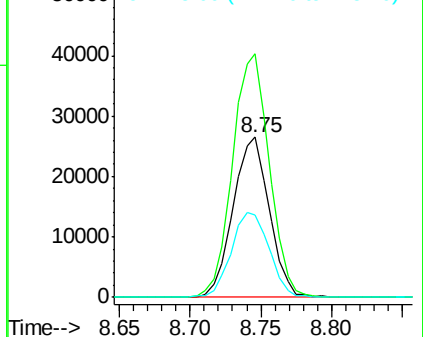
115 51.2 53.0 79.4#



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: 136.015 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

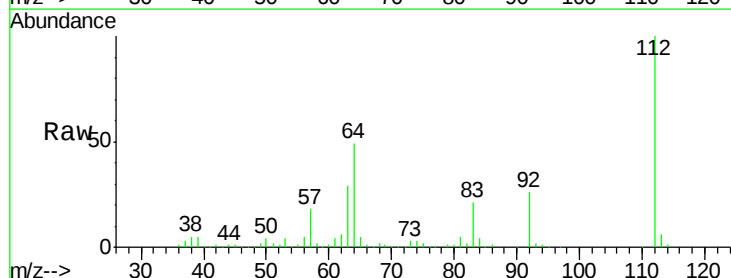
Tgt Ion:112 Resp: 353079

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

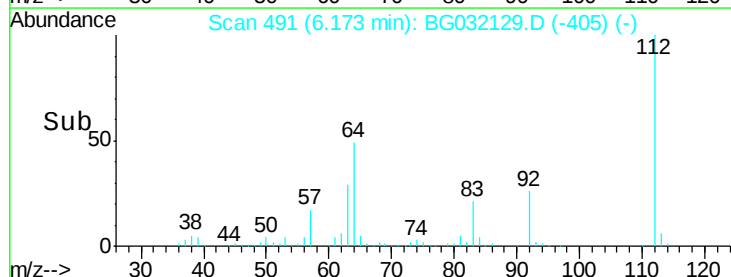
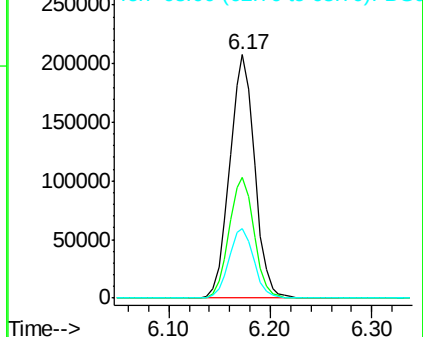
63 28.8 30.1 45.1#

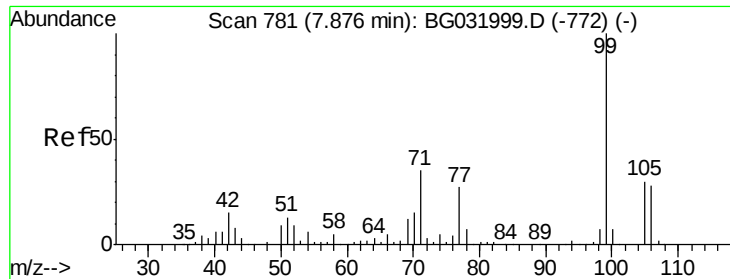


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.229 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OVS-5

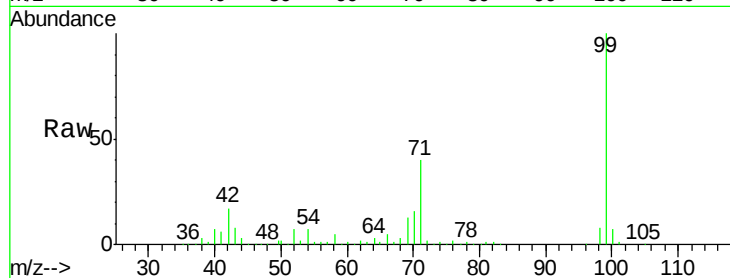
Tgt Ion: 99 Resp: 393071

Ion Ratio Lower Upper

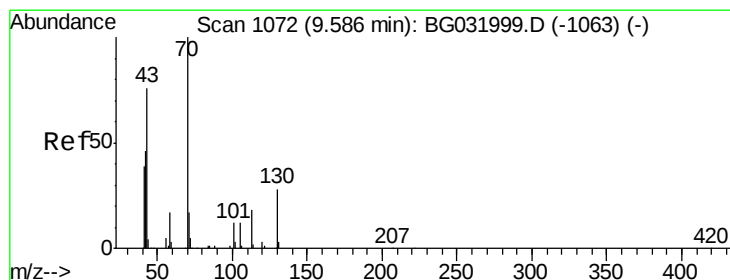
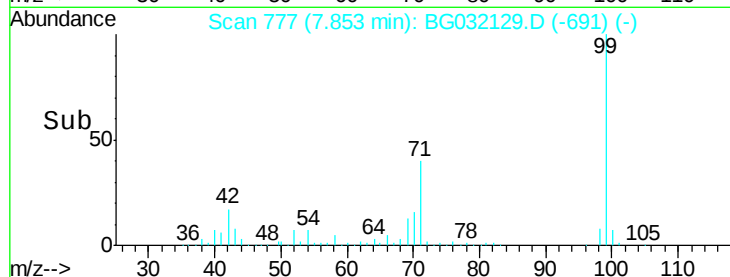
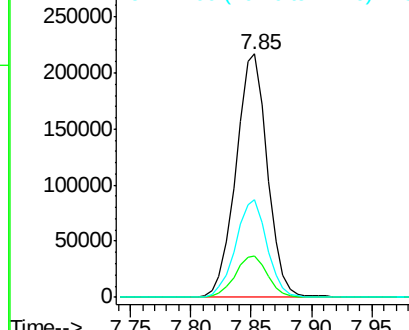
99 100

42 16.8 14.1 21.1

71 40.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 20.506 ng

RT: 9.94 min Scan# 1133

Delta R.T. 0.36 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Tgt Ion: 70 Resp: 41596

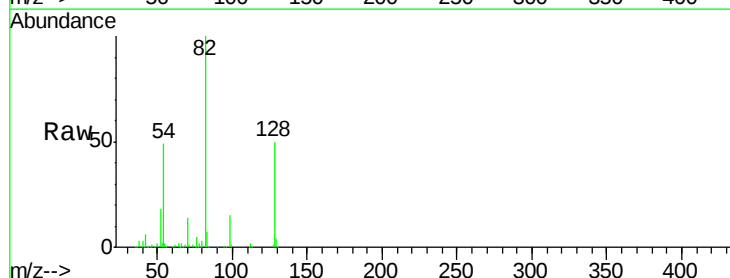
Ion Ratio Lower Upper

70 100

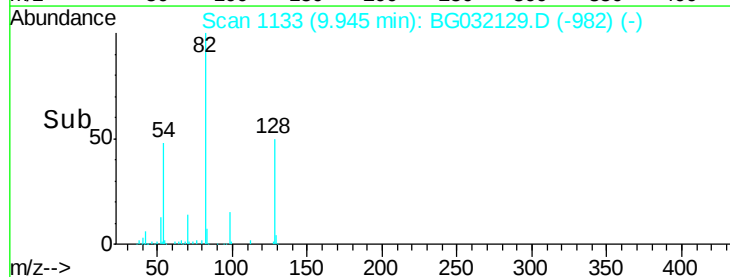
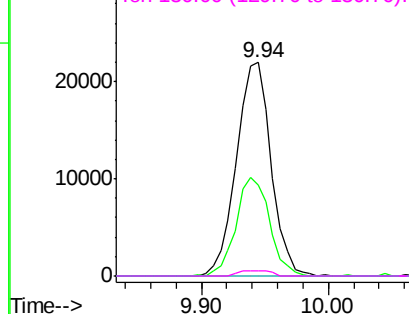
42 42.7 49.1 73.7#

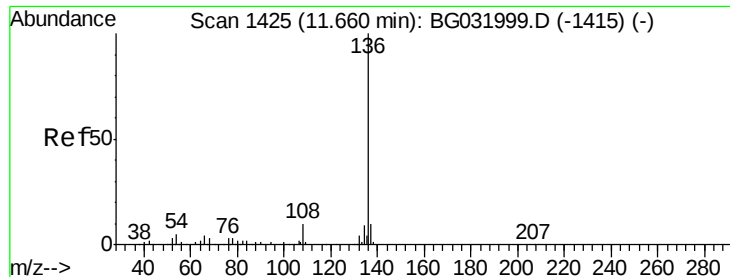
101 0.0 8.5 12.7#

130 2.7 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

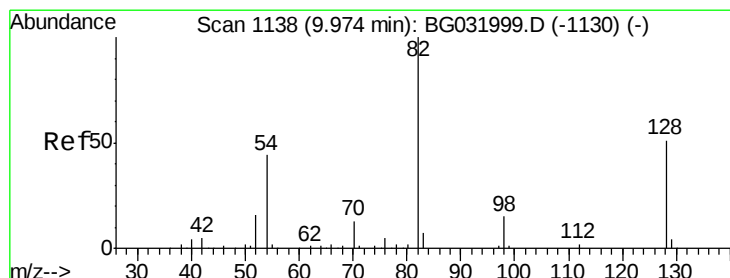
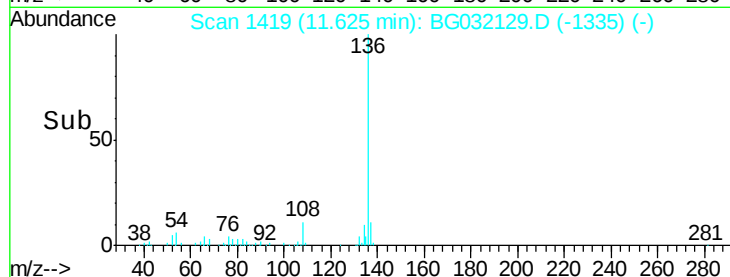
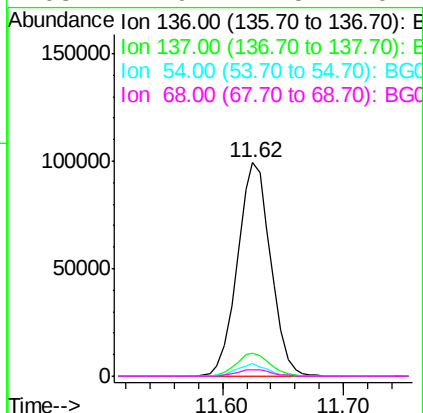
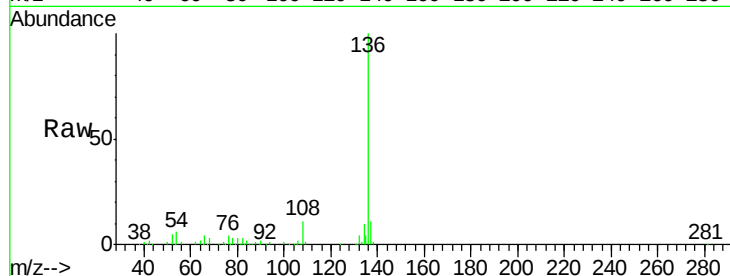




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

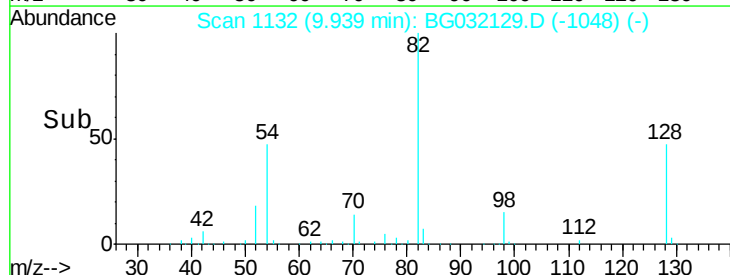
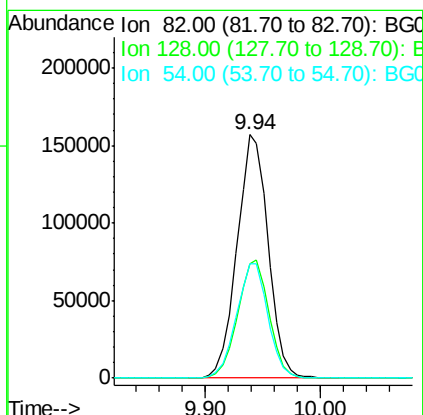
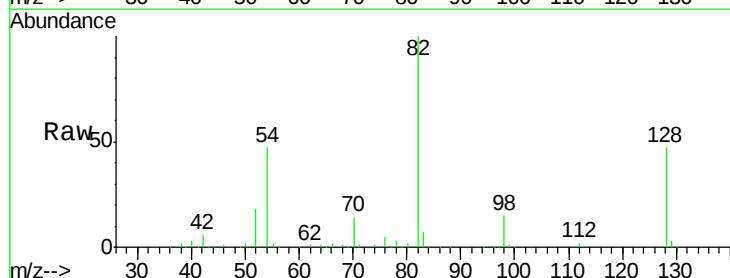
Instrument :
BNA_G
ClientSampleId :
OWS-5

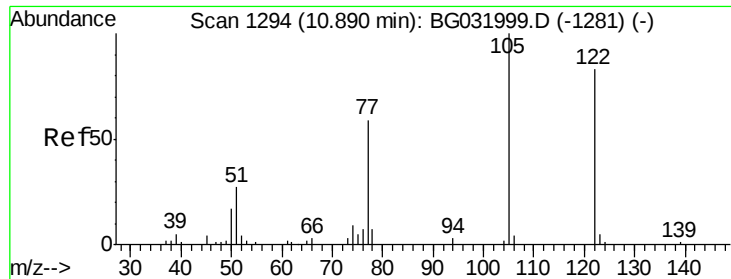
Tgt Ion:	136	Resp:	189541
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.9	10.3	15.5#
68	2.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 104.609 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

Tgt Ion:	82	Resp:	293074
Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	46.9	43.1	64.7





#32

Benzoic acid

Concen: 5.285 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.05 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

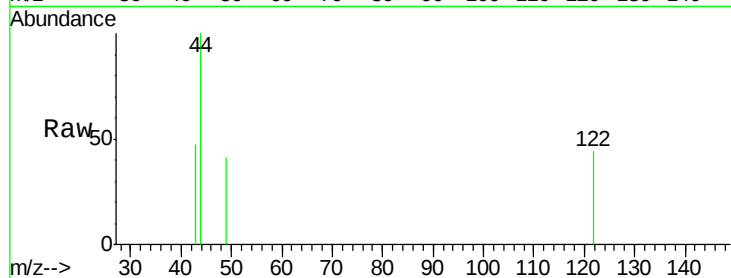
Tgt Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

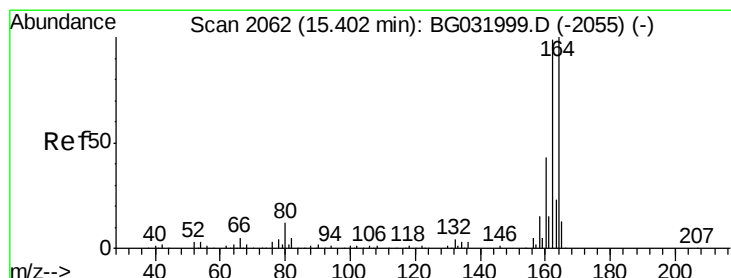
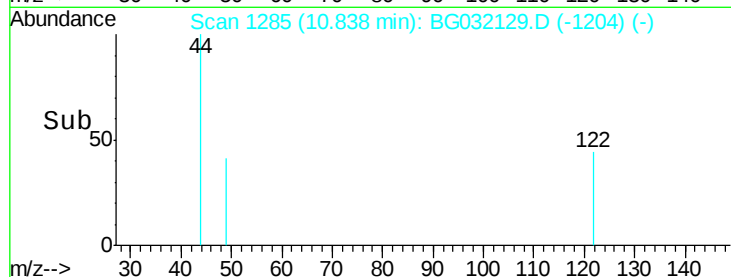
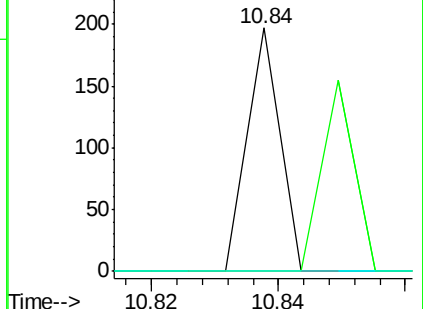
77 0.0 85.7 125.7#



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): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

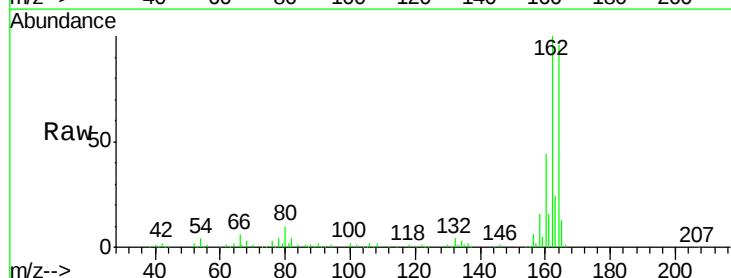
Tgt Ion:164 Resp: 131684

Ion Ratio Lower Upper

164 100

162 104.7 78.8 118.2

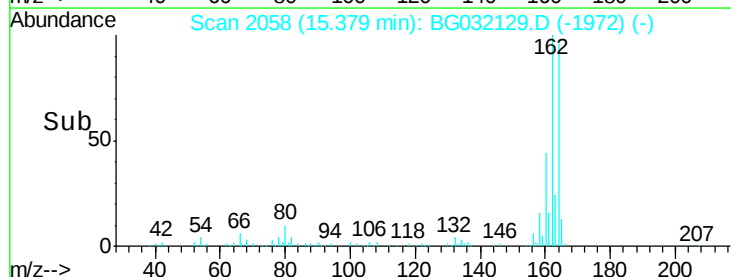
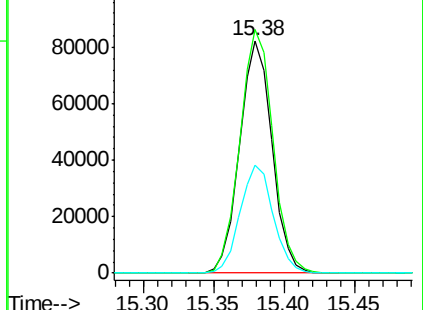
160 46.4 35.4 53.0

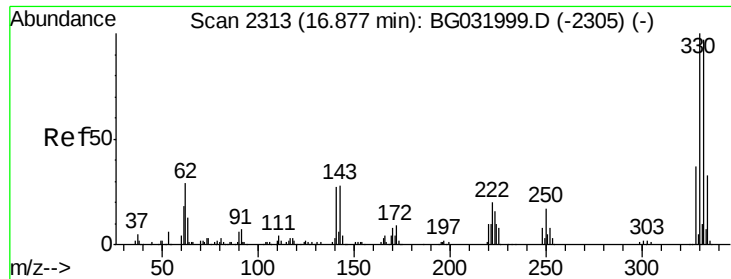


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

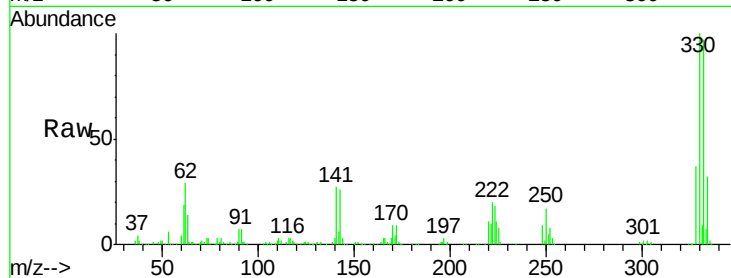




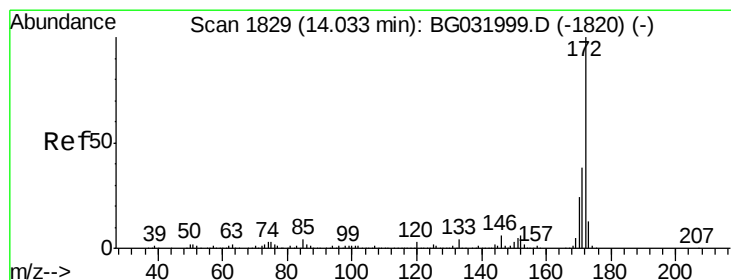
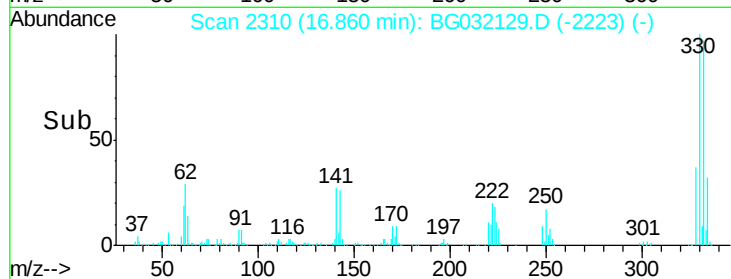
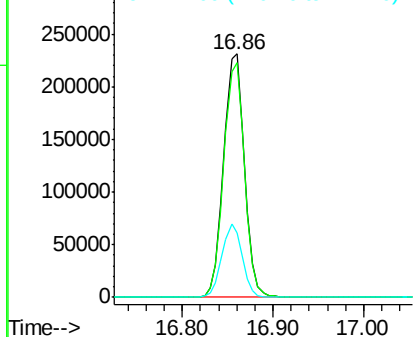
#41
 2,4,6-Tribromophenol
 Concen: 168.576 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

Tgt Ion:330 Resp: 367337
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 29.6 25.2 37.8

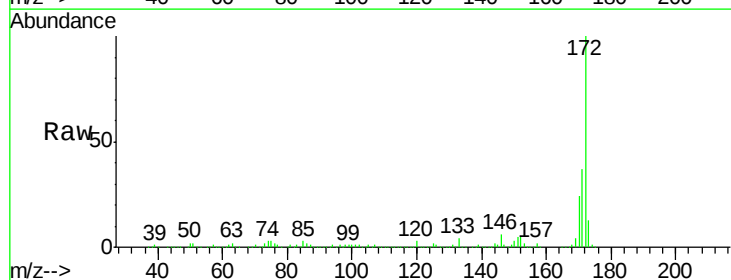


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

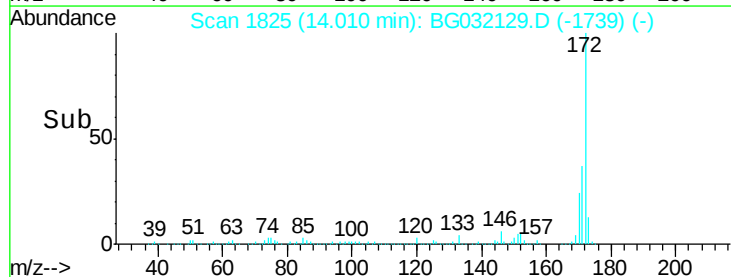
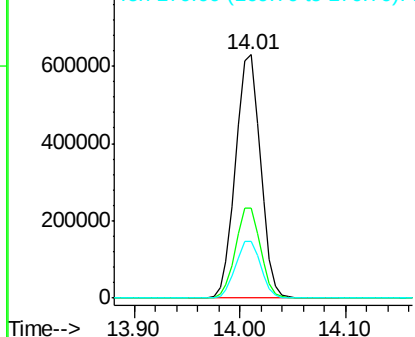


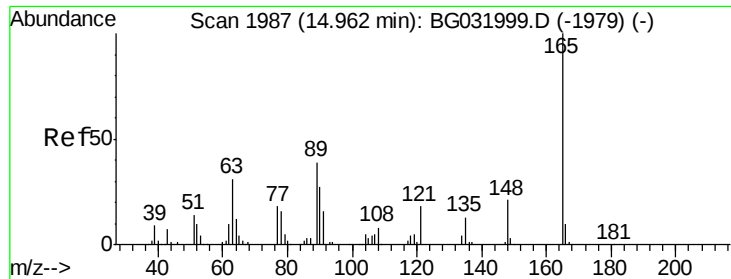
#44
 2-Fluorobiphenyl
 Concen: 96.354 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

Tgt Ion:172 Resp: 1023290
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.5 19.5 29.3



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

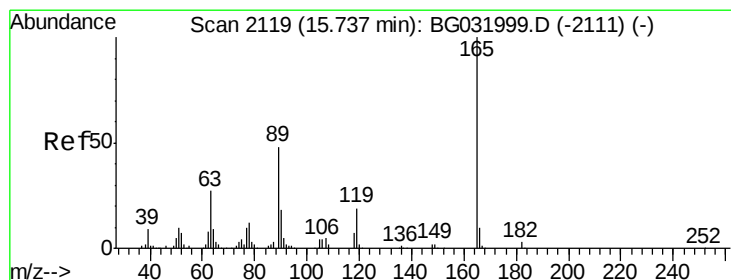
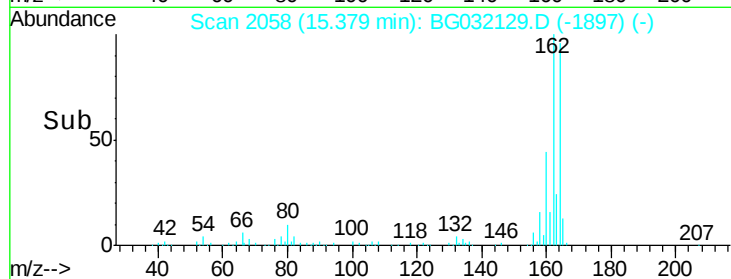
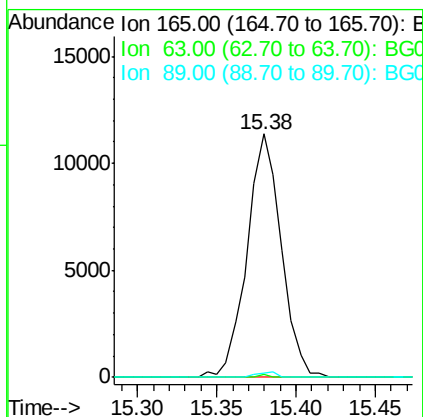
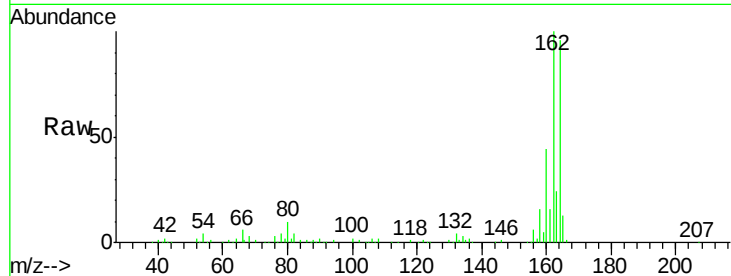




#50
 2,6-Dinitrotoluene
 Concen: 7.116 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.42 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

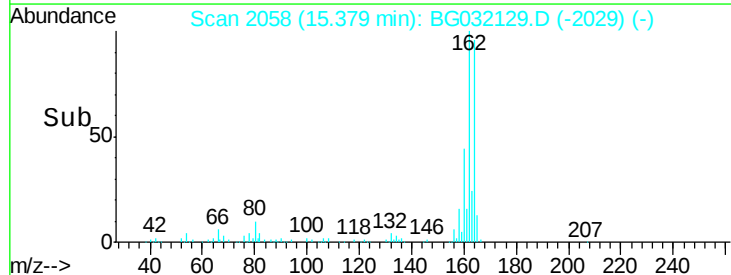
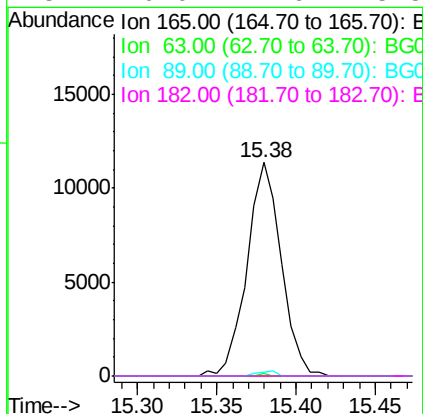
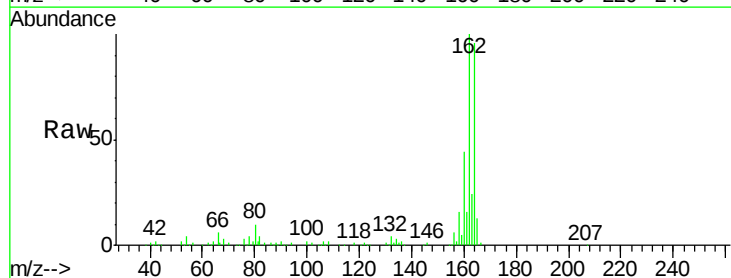
Instrument :
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 OWS-5

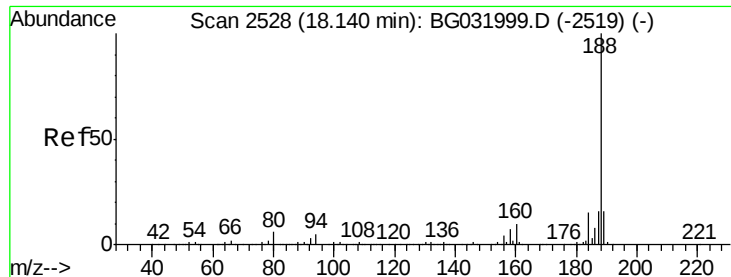
Tgt Ion:165 Resp: 17020
 Ion Ratio Lower Upper
 165 100
 63 1.4 52.7 79.1#
 89 1.6 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.285 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.36 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

Tgt Ion:165 Resp: 17020
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.0 63.0#
 89 1.6 66.9 100.3#
 182 0.0 2.6 3.8#

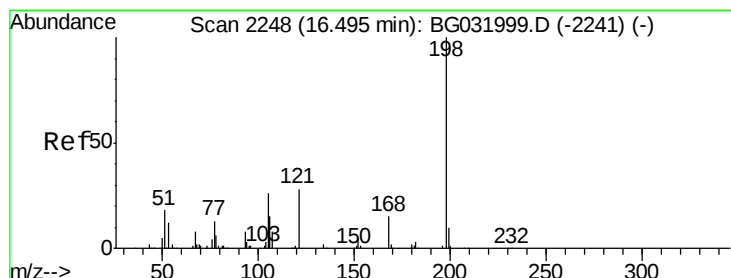
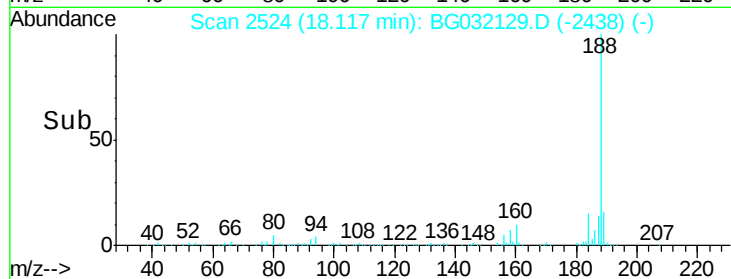
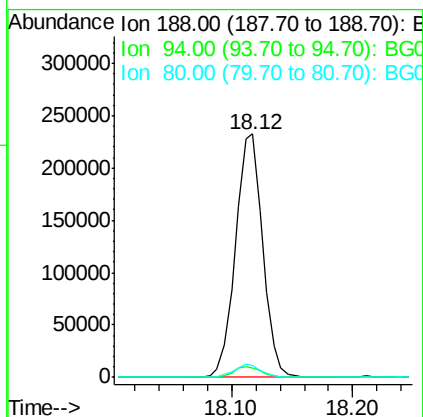
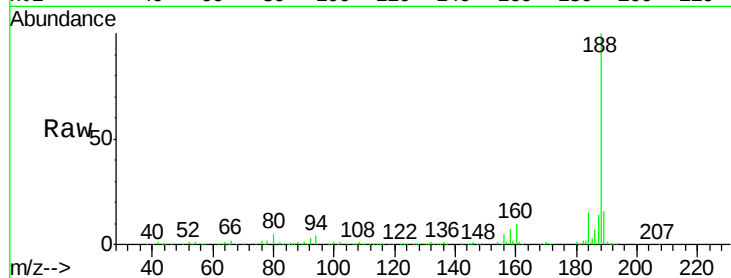




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

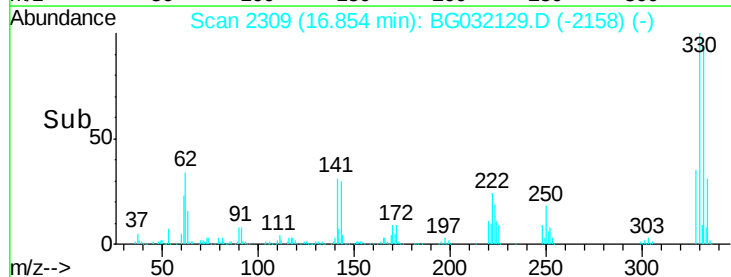
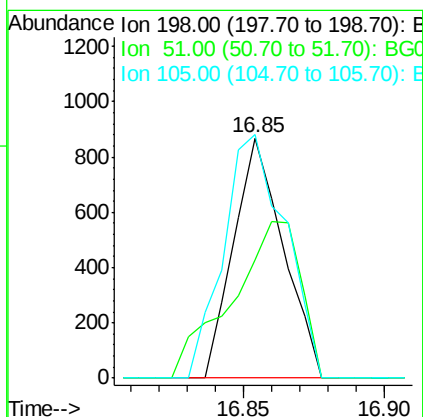
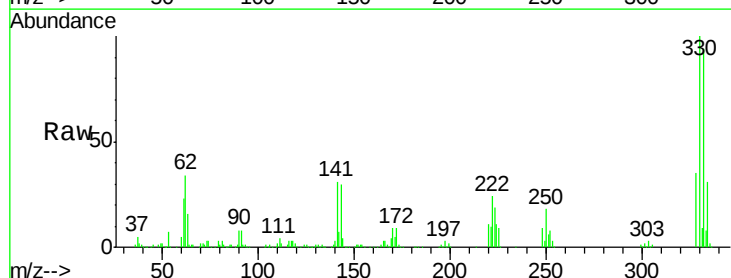
Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

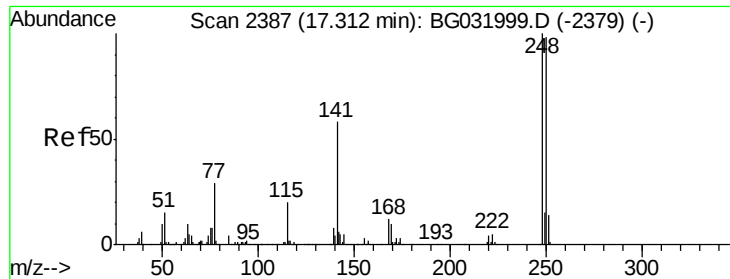
Tgt Ion:188 Resp: 364097
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.291 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. 0.36 min
 Lab File: BG032129.D
 Acq: 18 Jan 2018 9:00

Tgt Ion:198 Resp: 1056
 Ion Ratio Lower Upper
 198 100
 51 49.0 30.6 70.6
 105 101.4 23.8 63.8#

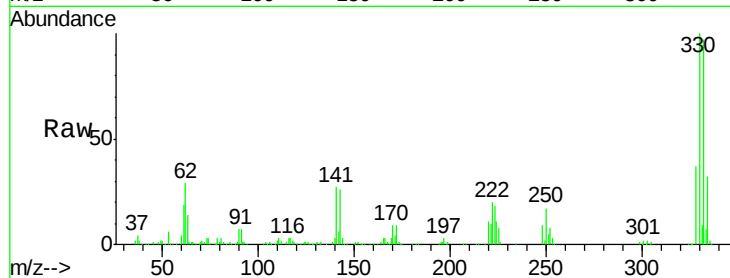




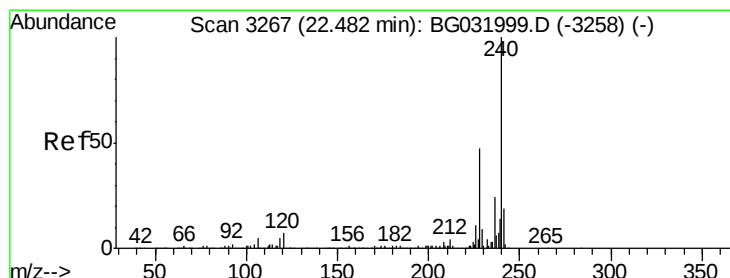
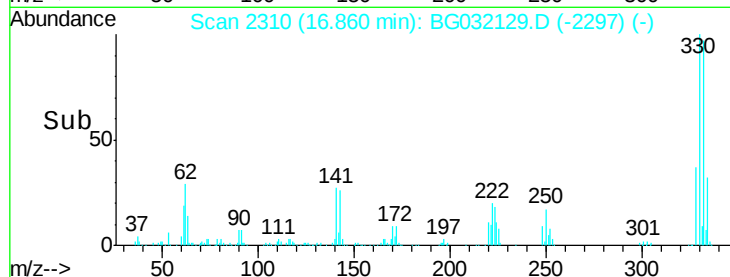
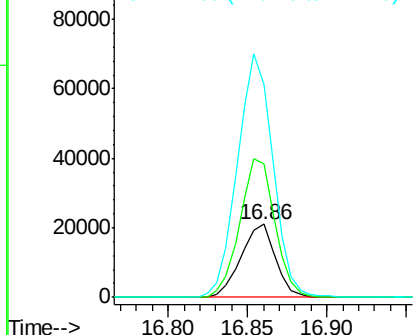
#66
4-Bromophenyl-phenylether
Concen: 6.096 ng
RT: 16.86 min Scan# 2310
Delta R.T. -0.45 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

Instrument :
BNA_G
ClientSampleId :
OWS-5

Tgt Ion:248 Resp: 31580
Ion Ratio Lower Upper
248 100
250 182.7 77.1 115.7#
141 292.1 50.8 76.2#

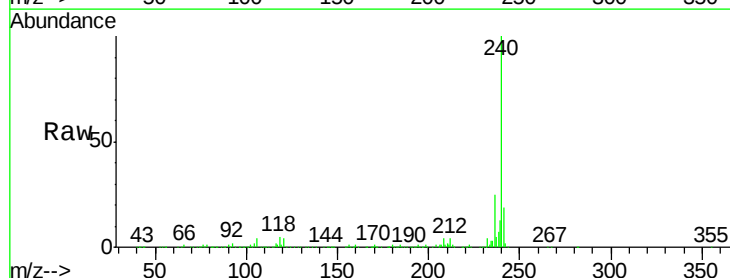


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

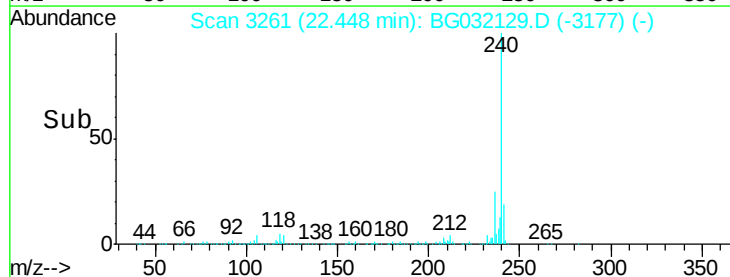
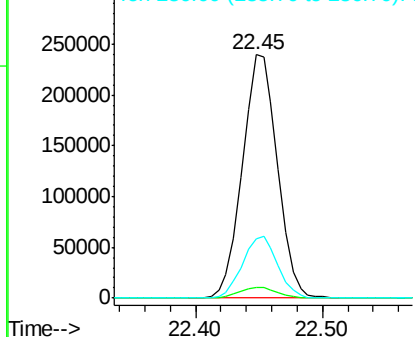


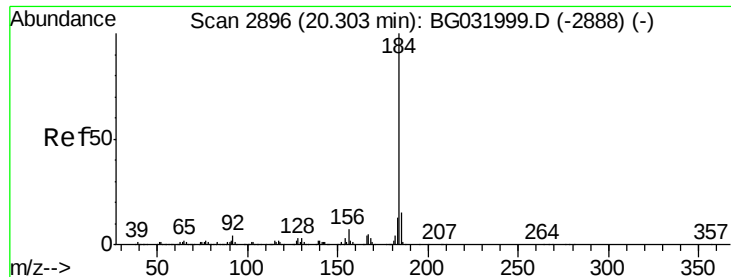
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

Tgt Ion:240 Resp: 458739
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.5 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: 2.784 ng

RT: 20.66 min Scan# 2956

Delta R.T. 0.35 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

Instrument :

BNA_G

ClientSampleId :

OWS-5

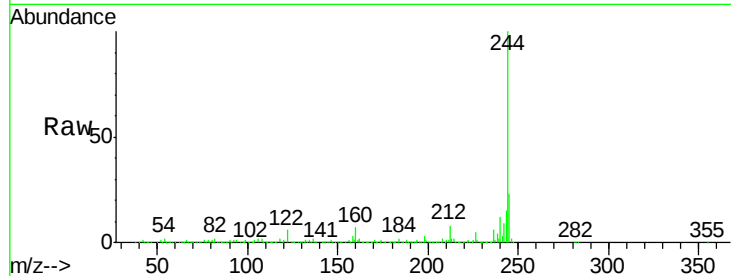
Tgt Ion:184 Resp: 31938

Ion Ratio Lower Upper

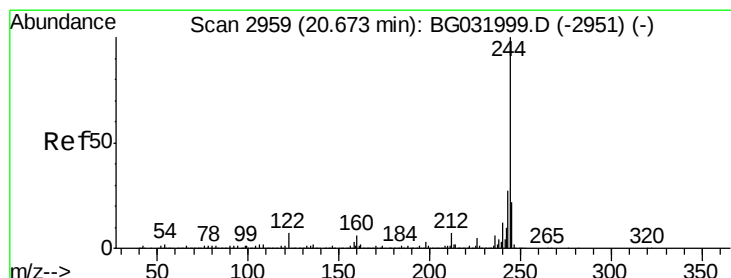
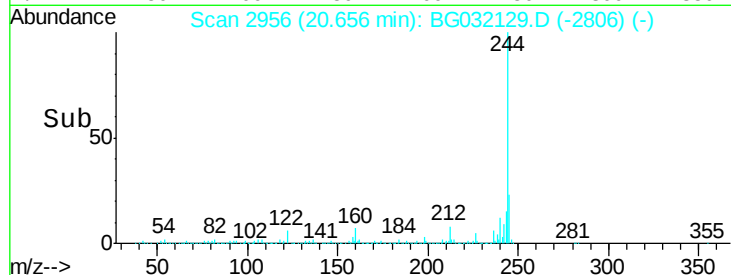
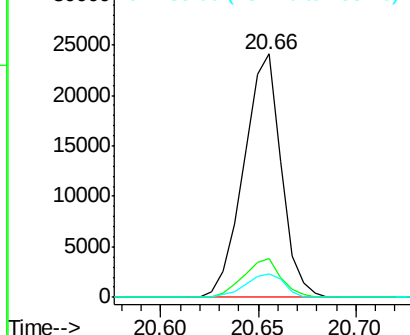
184 100

185 16.2 11.1 16.7

183 9.8 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: 102.461 ng

RT: 20.66 min Scan# 2956

Delta R.T. -0.02 min

Lab File: BG032129.D

Acq: 18 Jan 2018 9:00

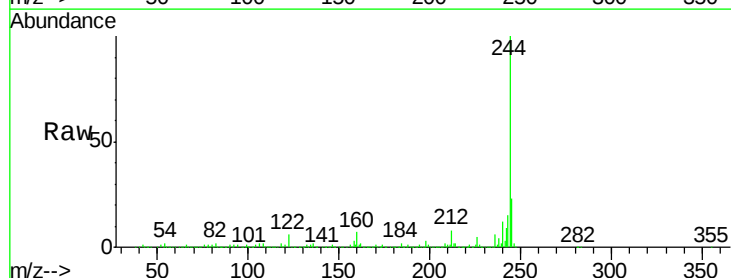
Tgt Ion:244 Resp: 2128711

Ion Ratio Lower Upper

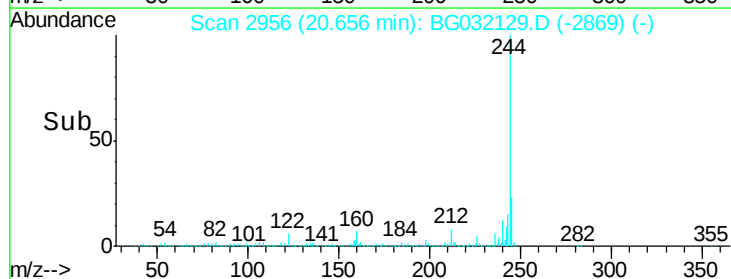
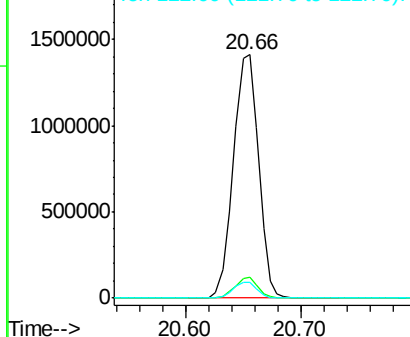
244 100

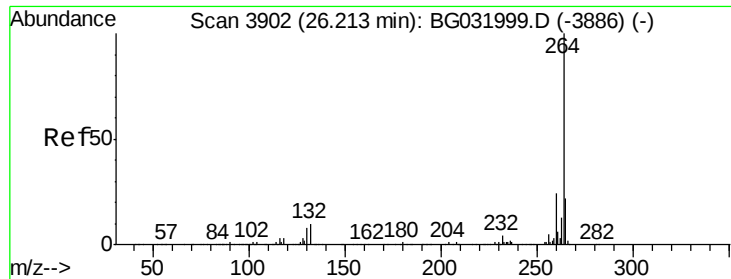
212 8.3 5.8 8.8

122 6.5 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
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3892
Delta R.T. -0.06 min
Lab File: BG032129.D
Acq: 18 Jan 2018 9:00

Instrument :
BNA_G
ClientSampleId :
OWS-5

Tgt Ion: 264 Resp: 477522

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.8	17.7	26.5

