

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036075.D
 Acq On : 3 Aug 2018 1:58
 Operator : JU/SJ
 Sample : J4278-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-B

Quant Time: Aug 03 07:09:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

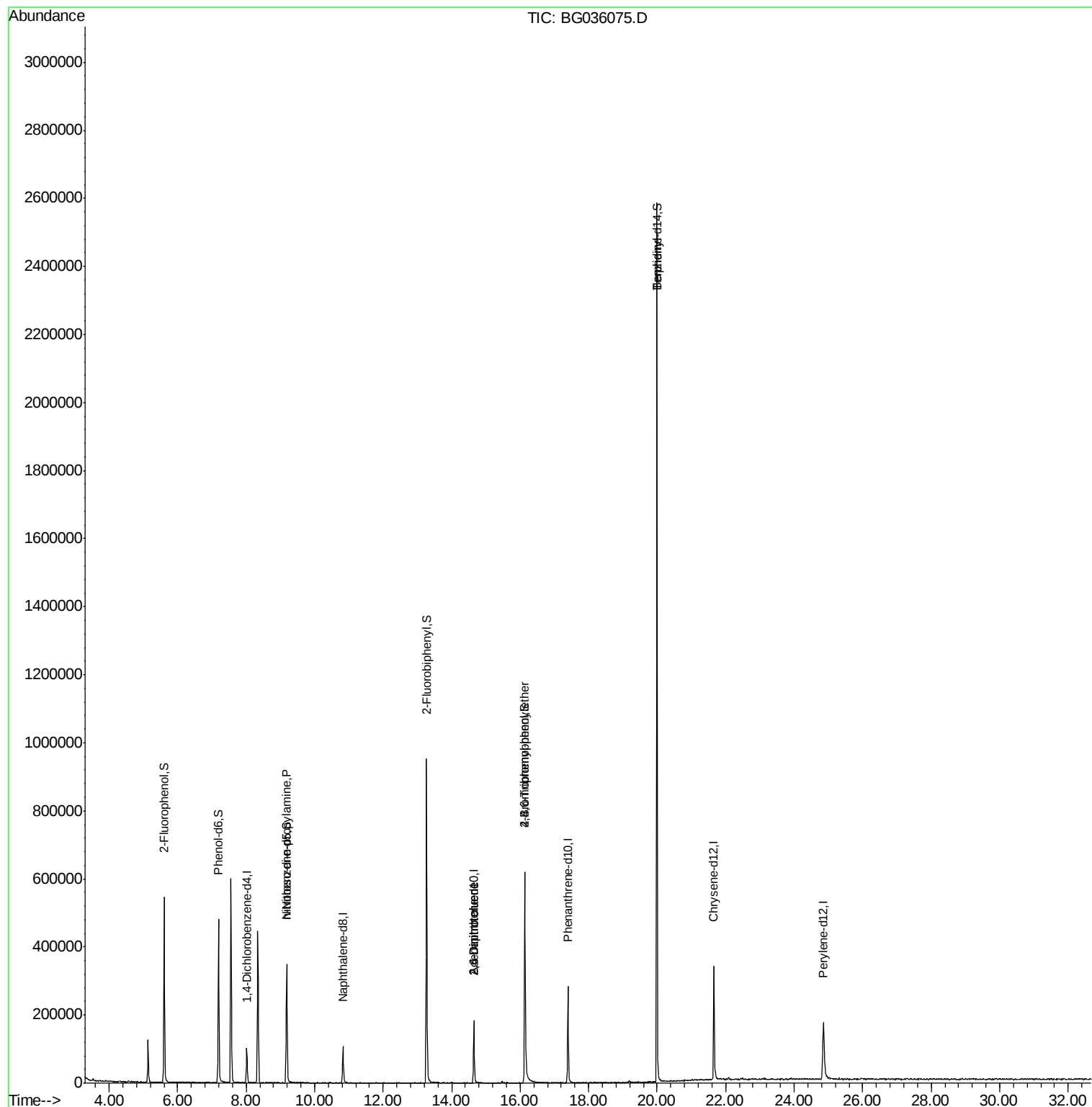
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	26293	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103700	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	76497	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	217603	20.00	ng	0.00
75) Chrysene-d12	21.65	240	252376	20.00	ng	0.00
86) Perylene-d12	24.85	264	226438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233328	147.33	ng	0.00
7) Phenol-d6	7.19	99	298010	126.12	ng	0.00
23) Nitrobenzene-d5	9.18	82	248177	99.98	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	157514	156.22	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	571157	100.03	ng	-0.01
78) Terphenyl-d14	20.00	244	1233466	107.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	34745	17.462	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	9484	6.949	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	9484	4.844	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	12956	5.132	ng	# 1
76) Benzidine	20.00	184	22709	3.423	ng	# 89

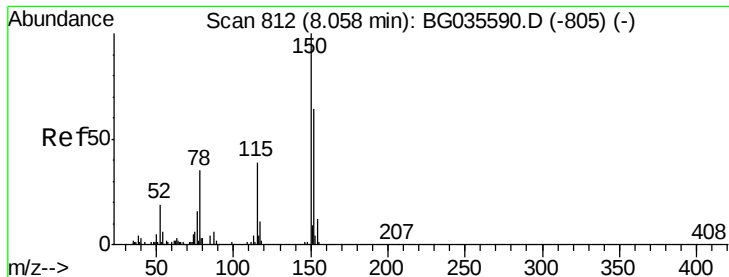
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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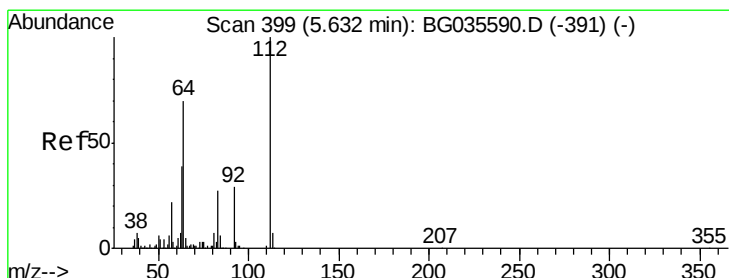
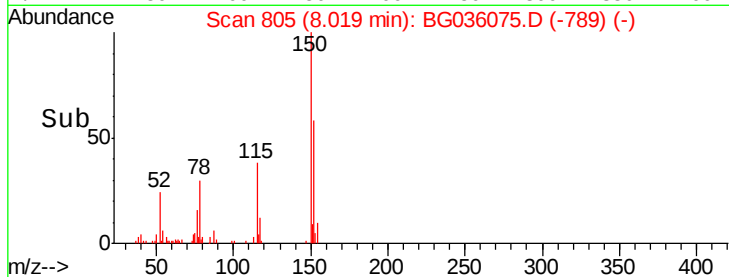
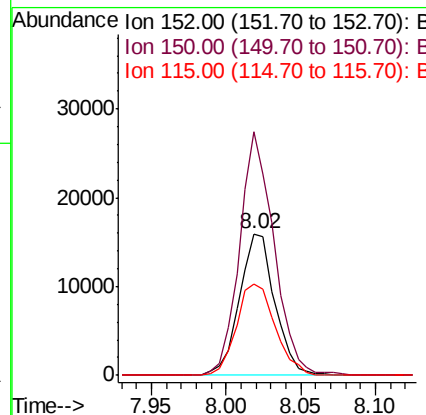
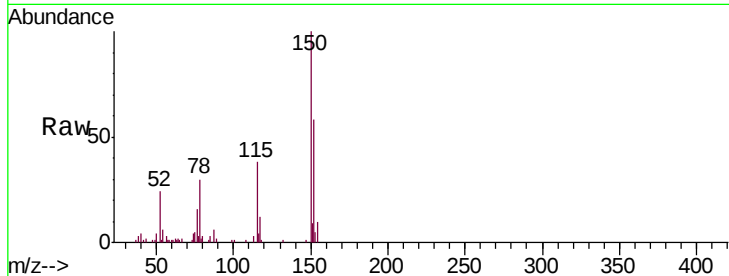


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

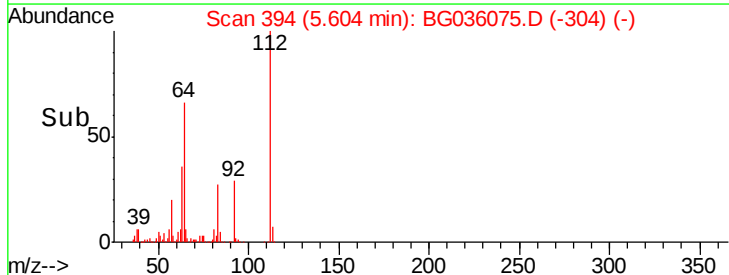
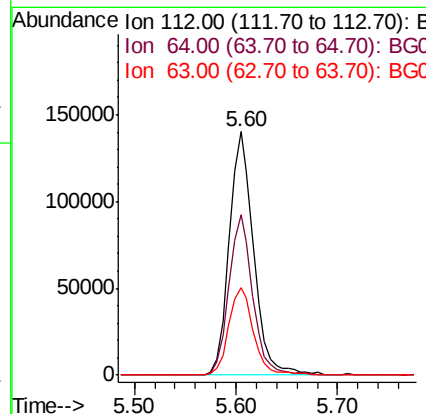
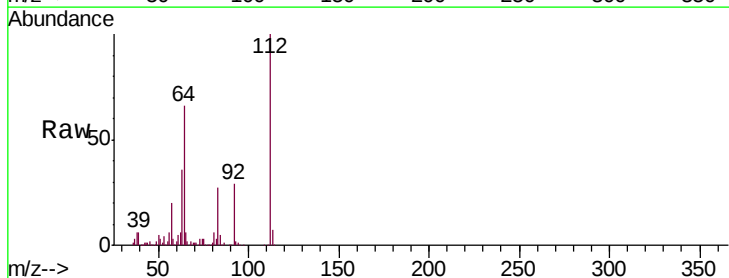
Tgt Ion	Ratio	Lower	Upper
152	100		
150	171.8	126.6	189.8
115	64.9	53.0	79.4

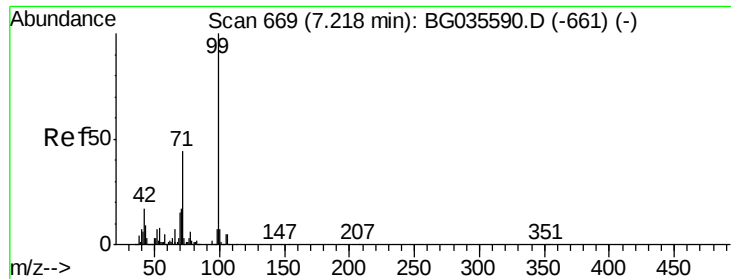


#5

2-Fluorophenol
Concen: 147.332 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	36.0	30.1	45.1





#7

Phenol-d6

Concen: 126.123 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036075.D

Acq: 3 Aug 2018 1:58

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-B

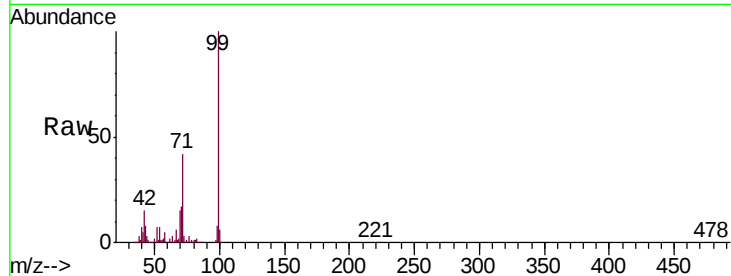
Tgt Ion: 99 Resp: 298010

Ion Ratio Lower Upper

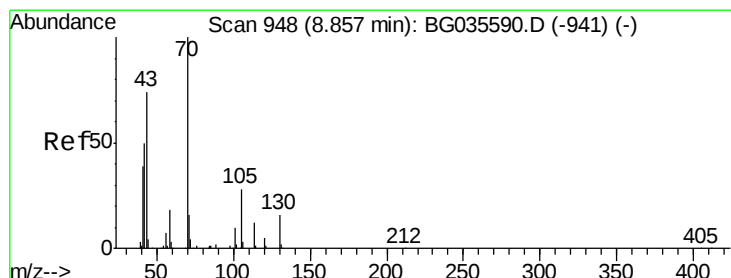
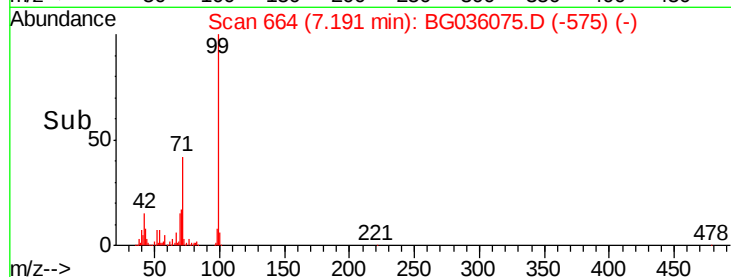
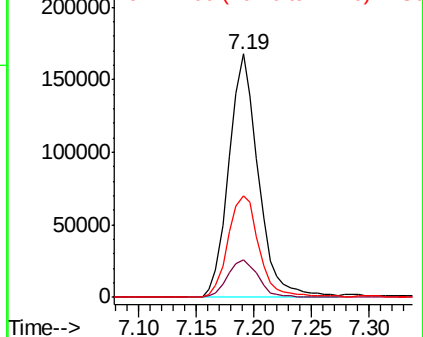
99 100

42 15.4 14.1 21.1

71 41.8 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: 17.462 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036075.D

Acq: 3 Aug 2018 1:58

Tgt Ion: 70 Resp: 34745

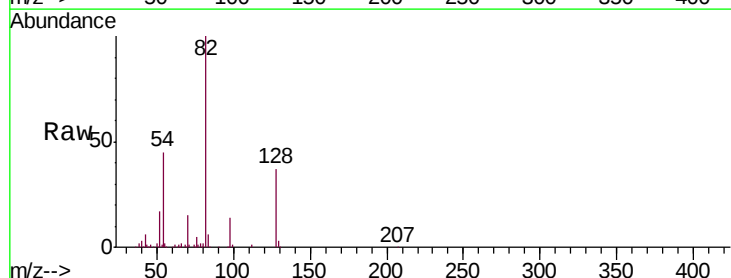
Ion Ratio Lower Upper

70 100

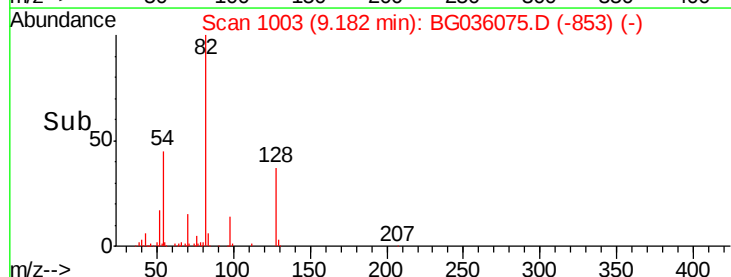
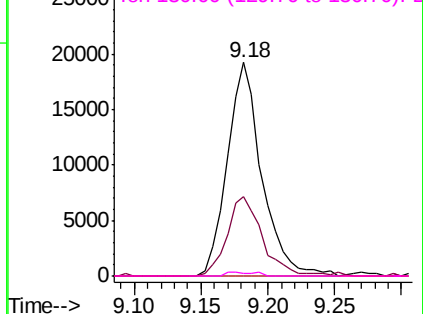
42 37.0 49.1 73.7#

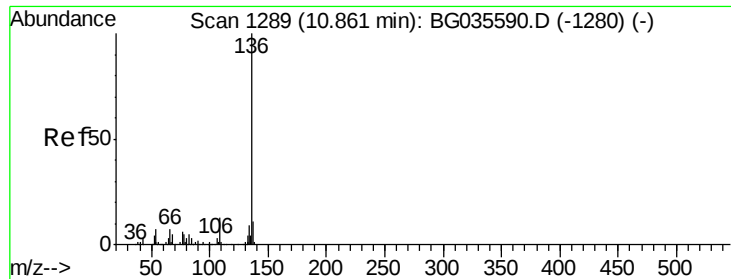
101 0.0 8.5 12.7#

130 1.3 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

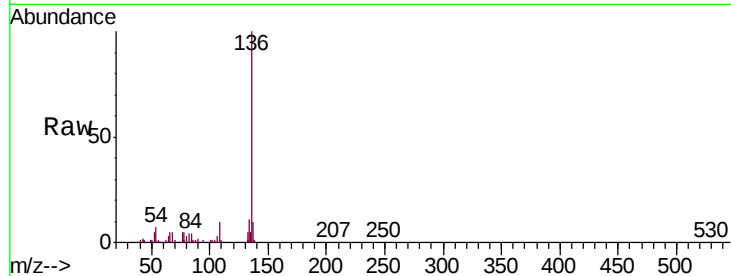




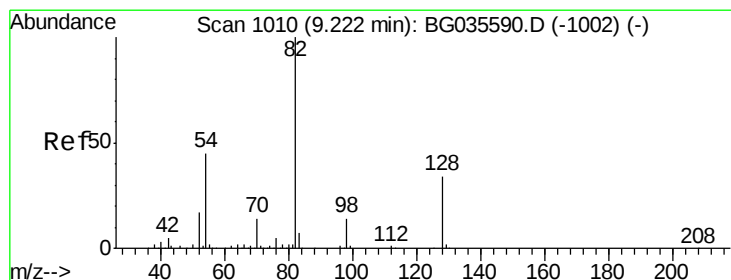
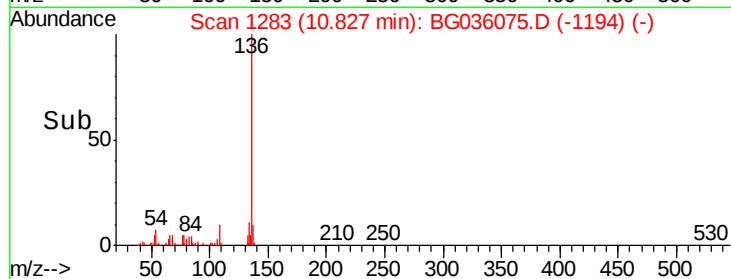
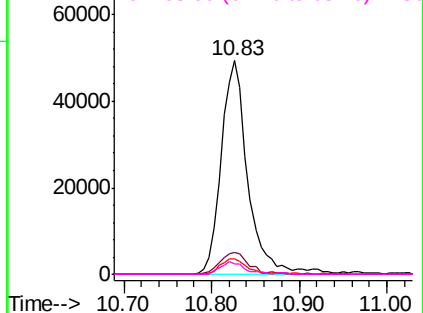
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion:	136	Resp:	103700
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.0	10.3	15.5#
68	5.1	4.5	6.7

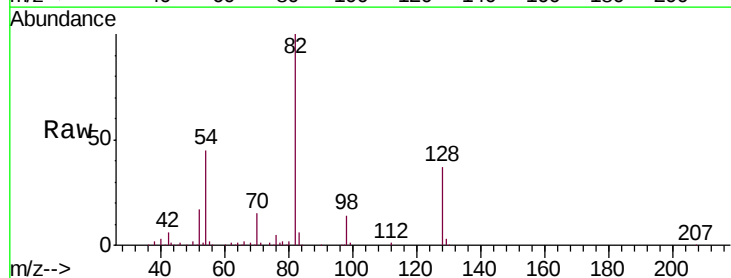


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

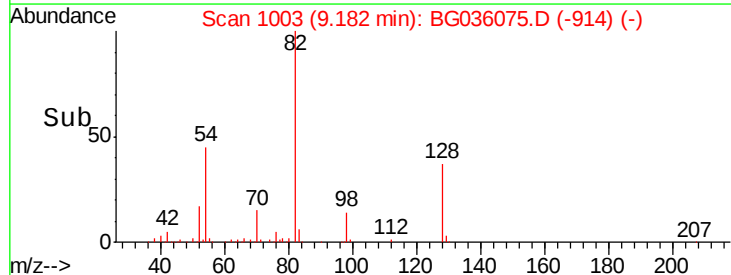
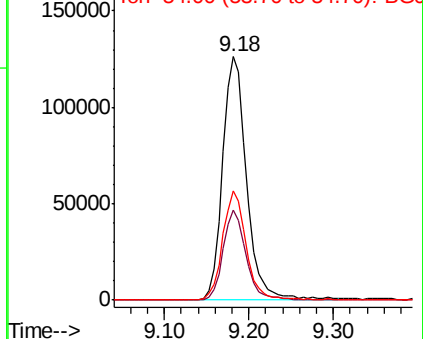


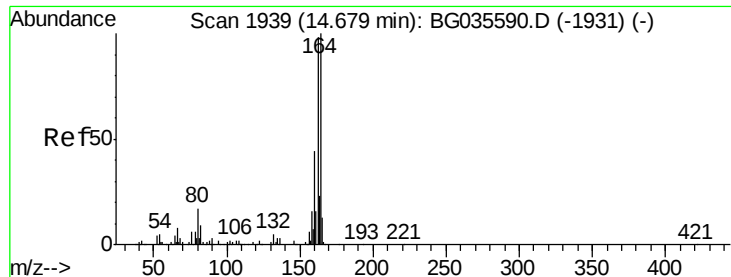
#23
Nitrobenzene-d5
Concen: 99.976 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:	82	Resp:	248177
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.7	44.5
54	45.1	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036075.D

Acq: 3 Aug 2018 1:58

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-B

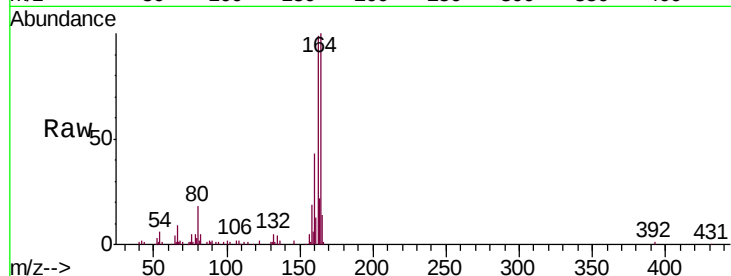
Tgt Ion:164 Resp: 76497

Ion Ratio Lower Upper

164 100

162 99.2 78.8 118.2

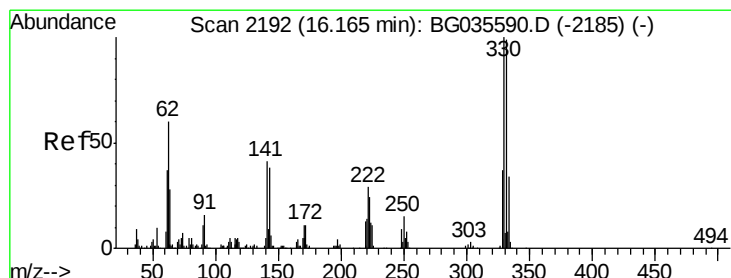
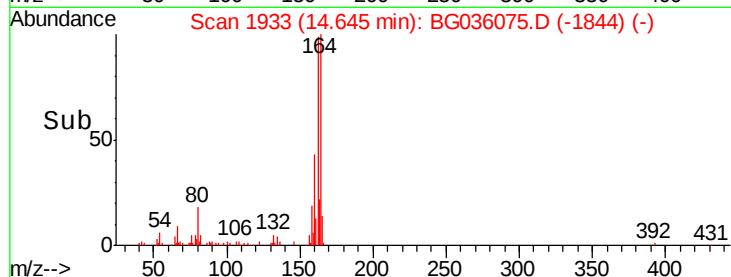
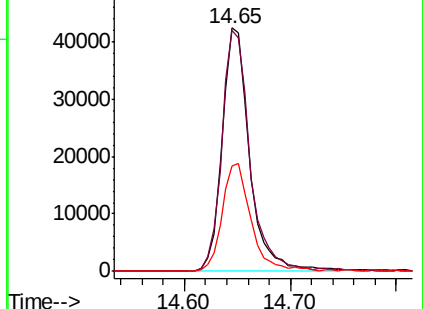
160 43.4 35.4 53.0



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: 156.221 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036075.D

Acq: 3 Aug 2018 1:58

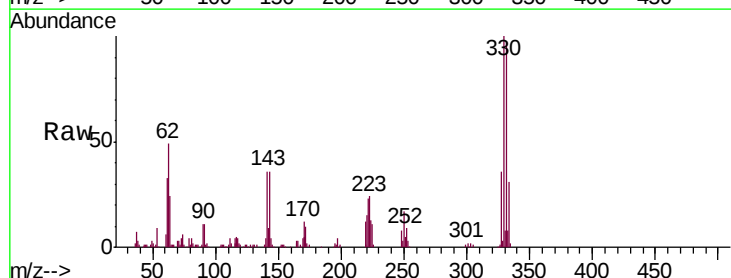
Tgt Ion:330 Resp: 157514

Ion Ratio Lower Upper

330 100

332 92.2 77.0 115.6

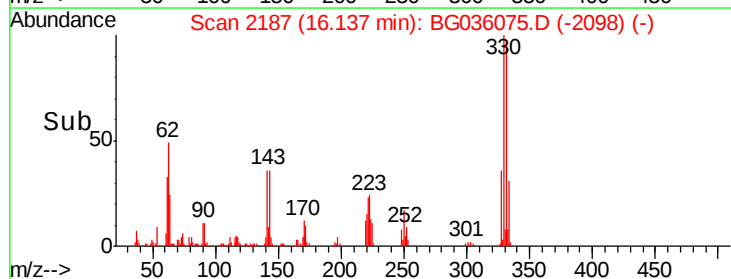
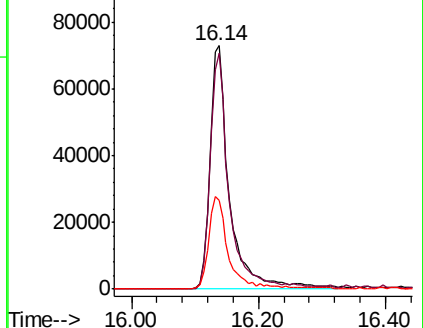
141 37.8 25.2 37.8

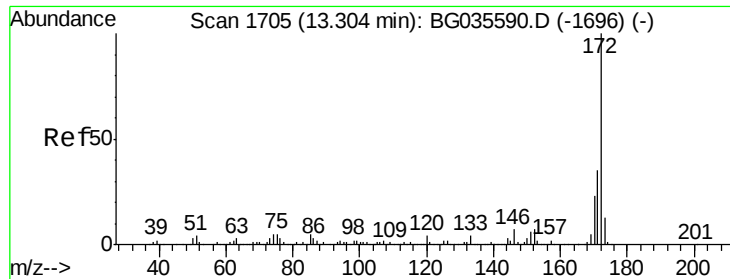


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

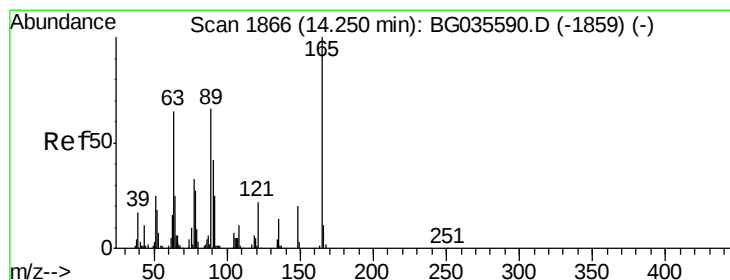
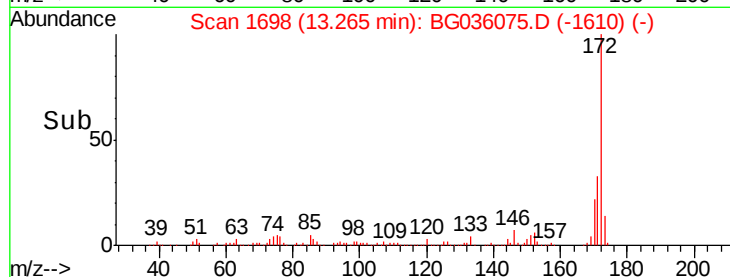
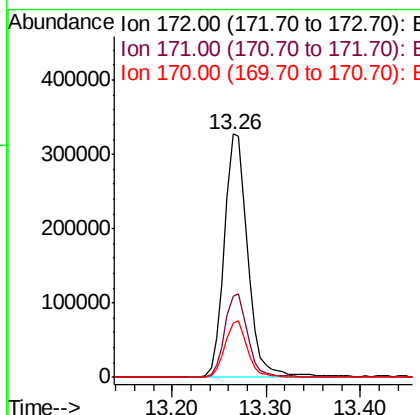
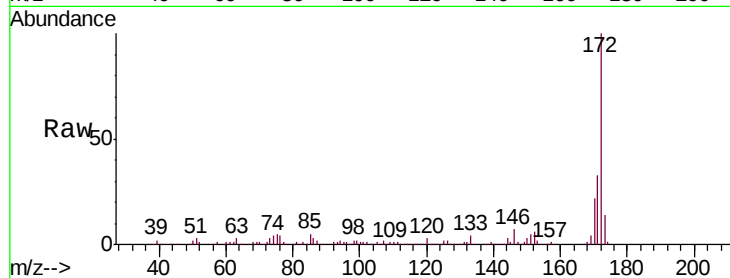




#44
 2-Fluorobiphenyl
 Concen: 100.030 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036075.D
 Acq: 3 Aug 2018 1:58

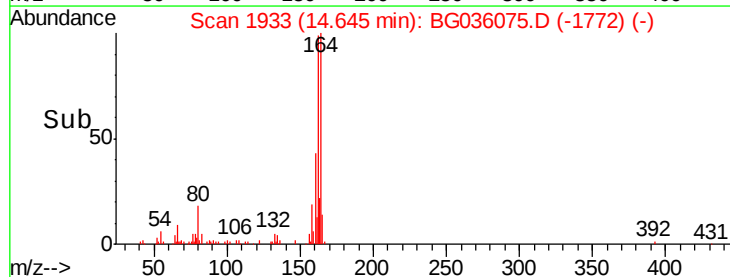
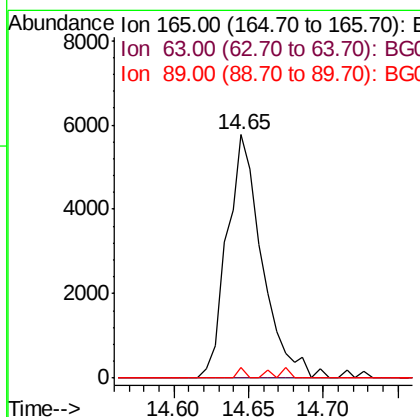
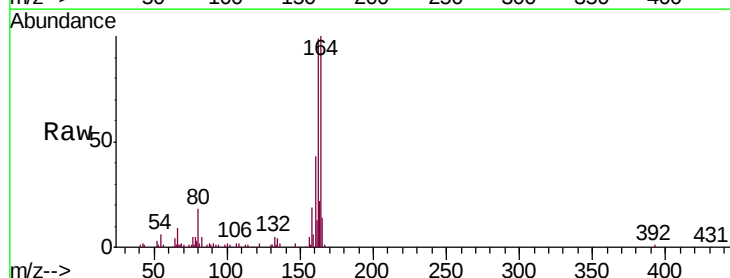
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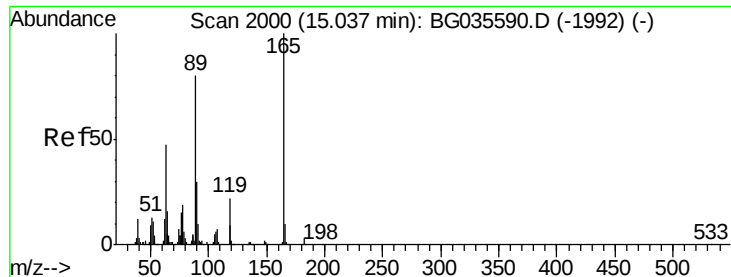
Tgt Ion:	172	Resp:	571157
Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.1	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.949 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036075.D
 Acq: 3 Aug 2018 1:58

Tgt Ion:	165	Resp:	9484
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.4	49.2	73.8#

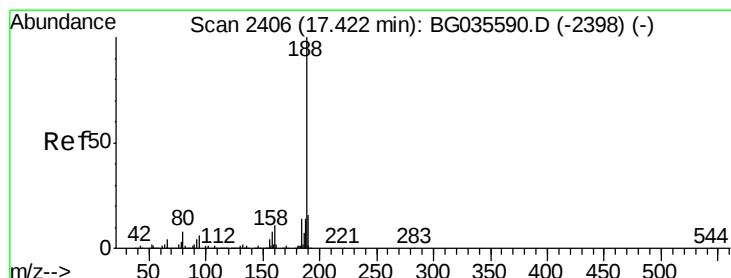
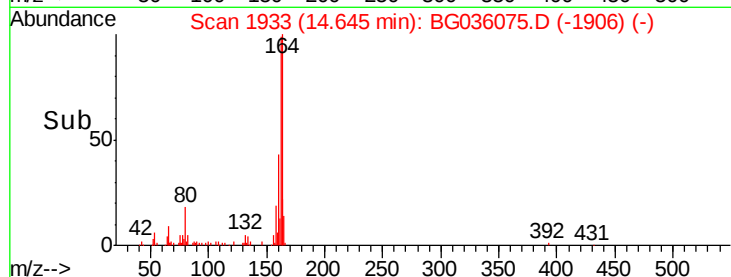
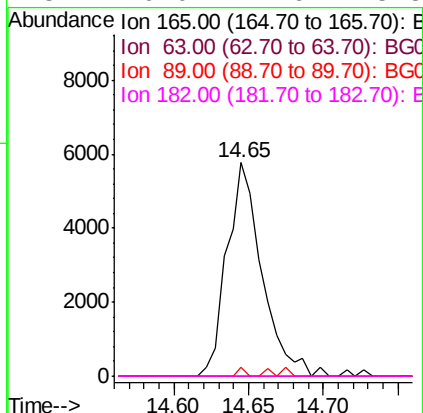
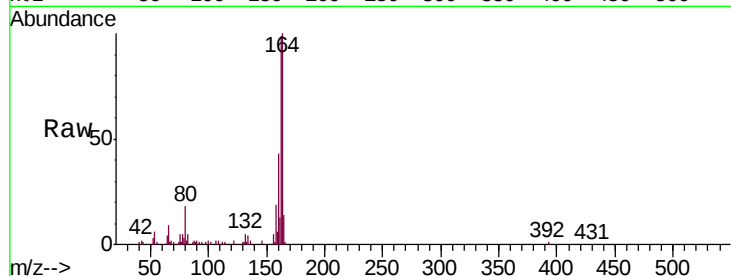




#56
2,4-Dinitrotoluene
Concen: 4.844 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

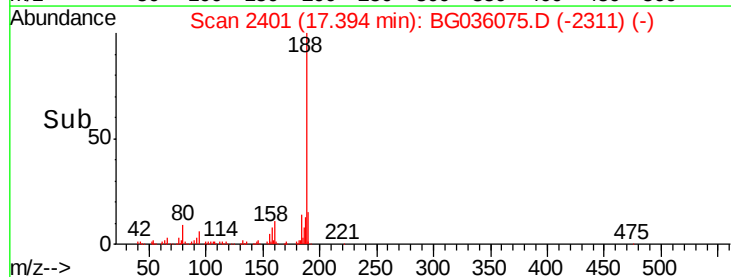
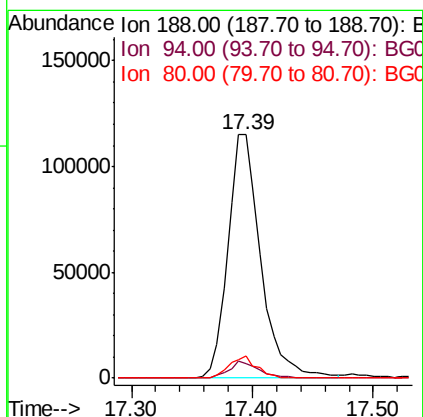
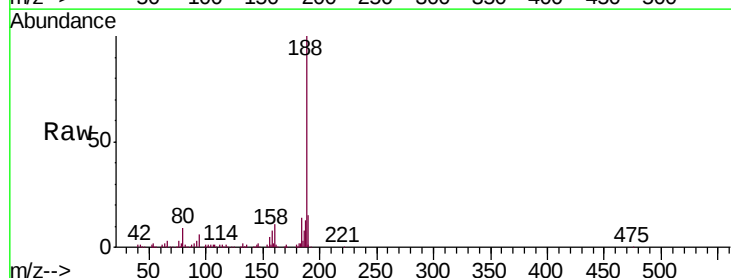
Instrument :
BNA_G
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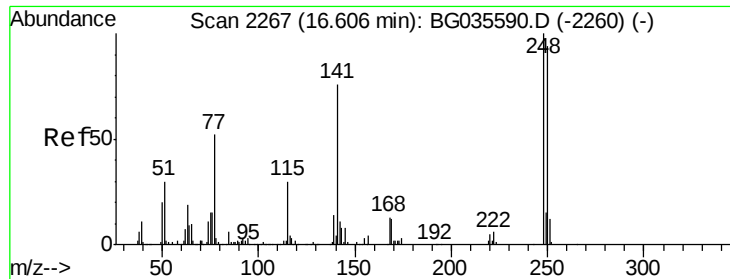
Tgt Ion:165 Resp: 9484
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.4 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Tgt Ion:188 Resp: 217603
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 9.1 7.7 11.5

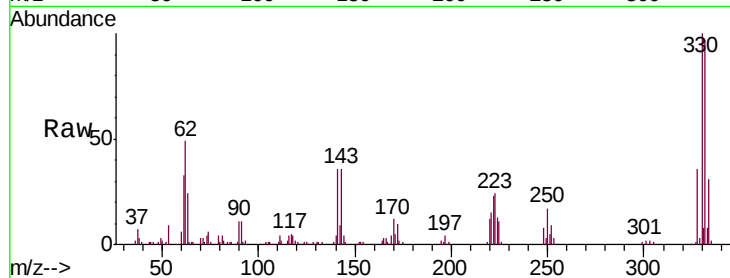




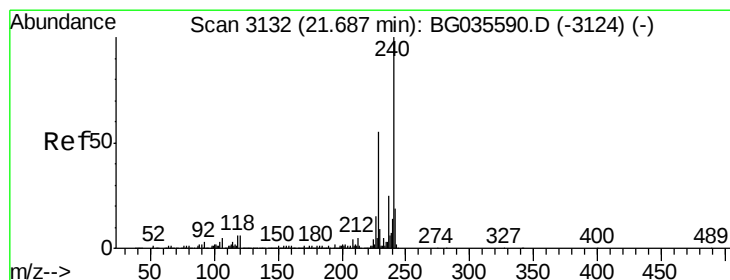
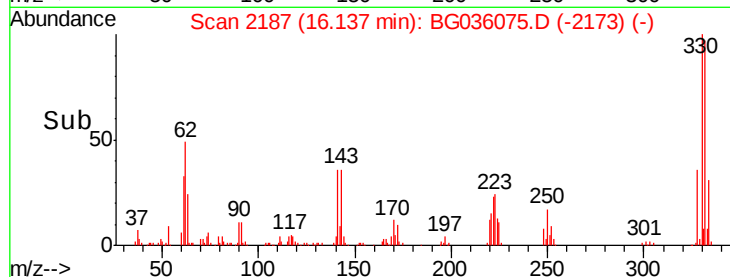
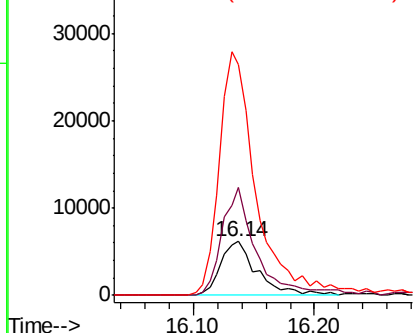
#66
 4-Bromophenyl-phenylether
 Concen: 5.132 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036075.D
 Acq: 3 Aug 2018 1:58

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-B

Tgt Ion: 248 Resp: 12956
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.1 115.7#
 141 429.7 50.8 76.2#

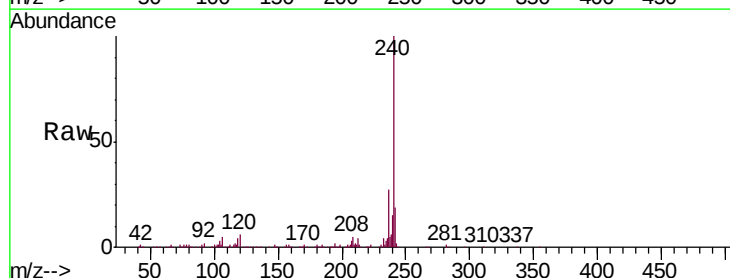


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

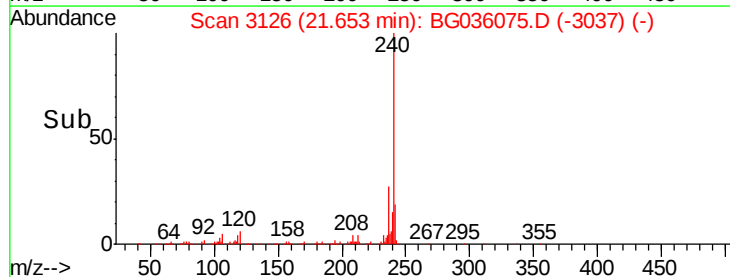
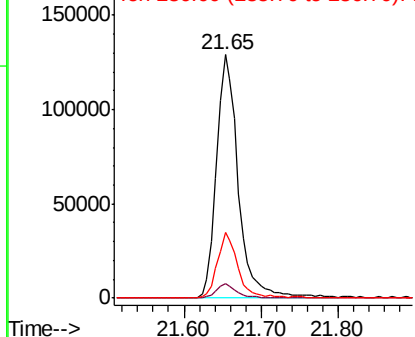


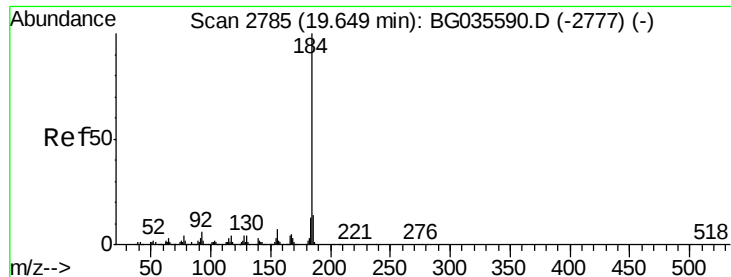
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036075.D
 Acq: 3 Aug 2018 1:58

Tgt Ion: 240 Resp: 252376
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.8 10.2#
 236 26.8 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: 3.423 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036075.D

Acq: 3 Aug 2018 1:58

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-B

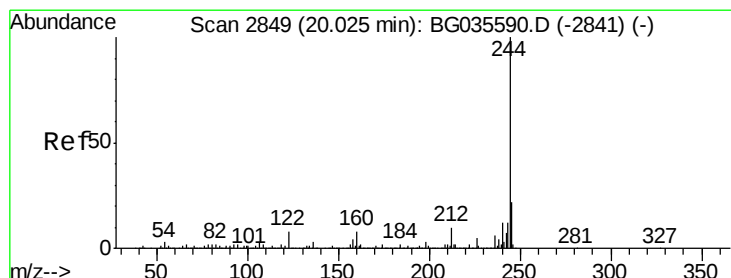
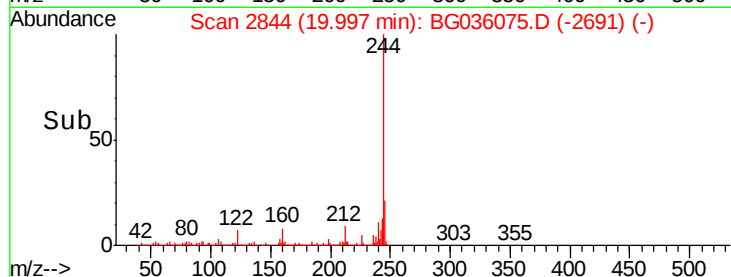
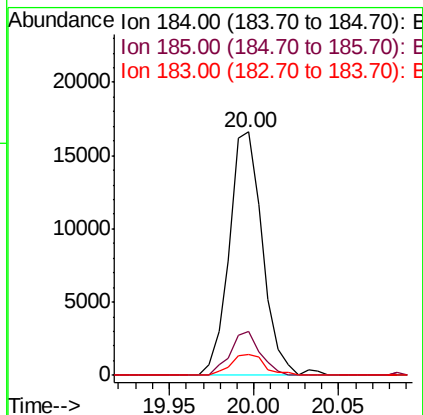
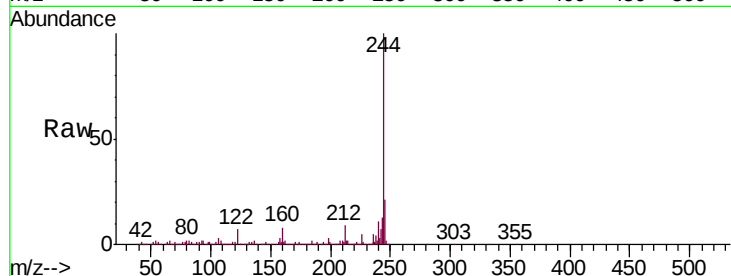
Tgt Ion:184 Resp: 22709

Ion Ratio Lower Upper

184 100

185 18.1 11.1 16.7#

183 8.7 10.6 16.0#



#78

Terphenyl-d14

Concen: 107.733 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036075.D

Acq: 3 Aug 2018 1:58

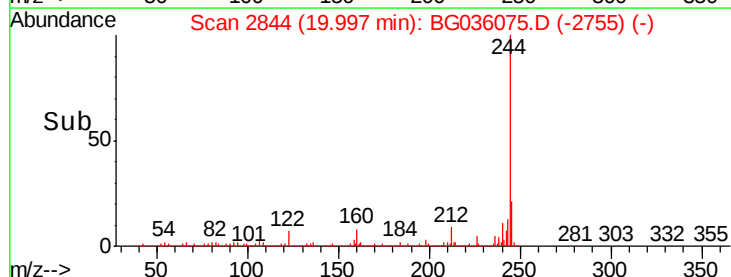
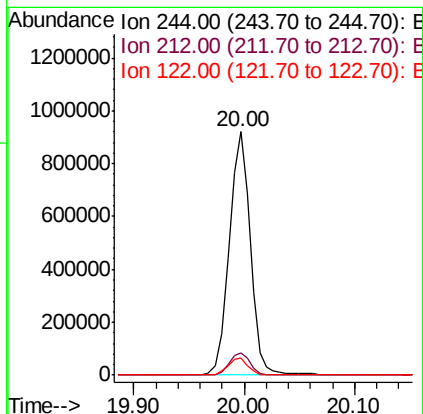
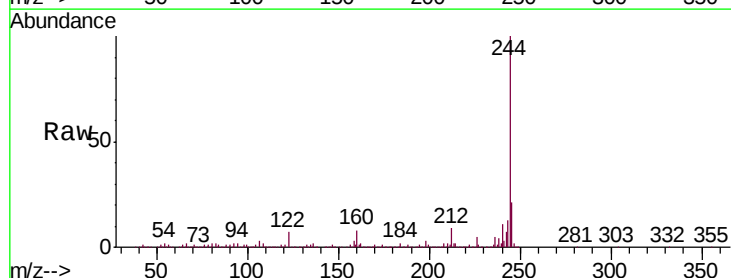
Tgt Ion:244 Resp: 1233466

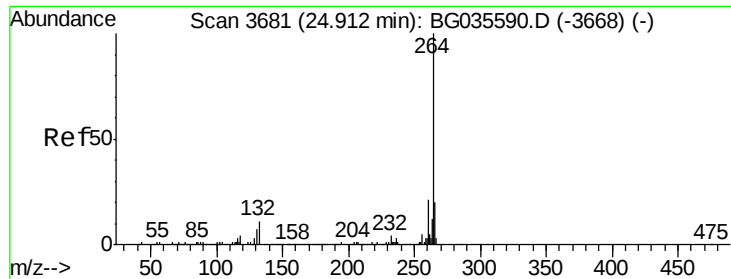
Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 7.1 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG036075.D
Acq: 3 Aug 2018 1:58

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	21.7	17.7	26.5

