

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035758.D
 Acq On : 19 Jul 2018 20:47
 Operator : JU/SJ
 Sample : J3828-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071818-C

Quant Time: Jul 20 01:58:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

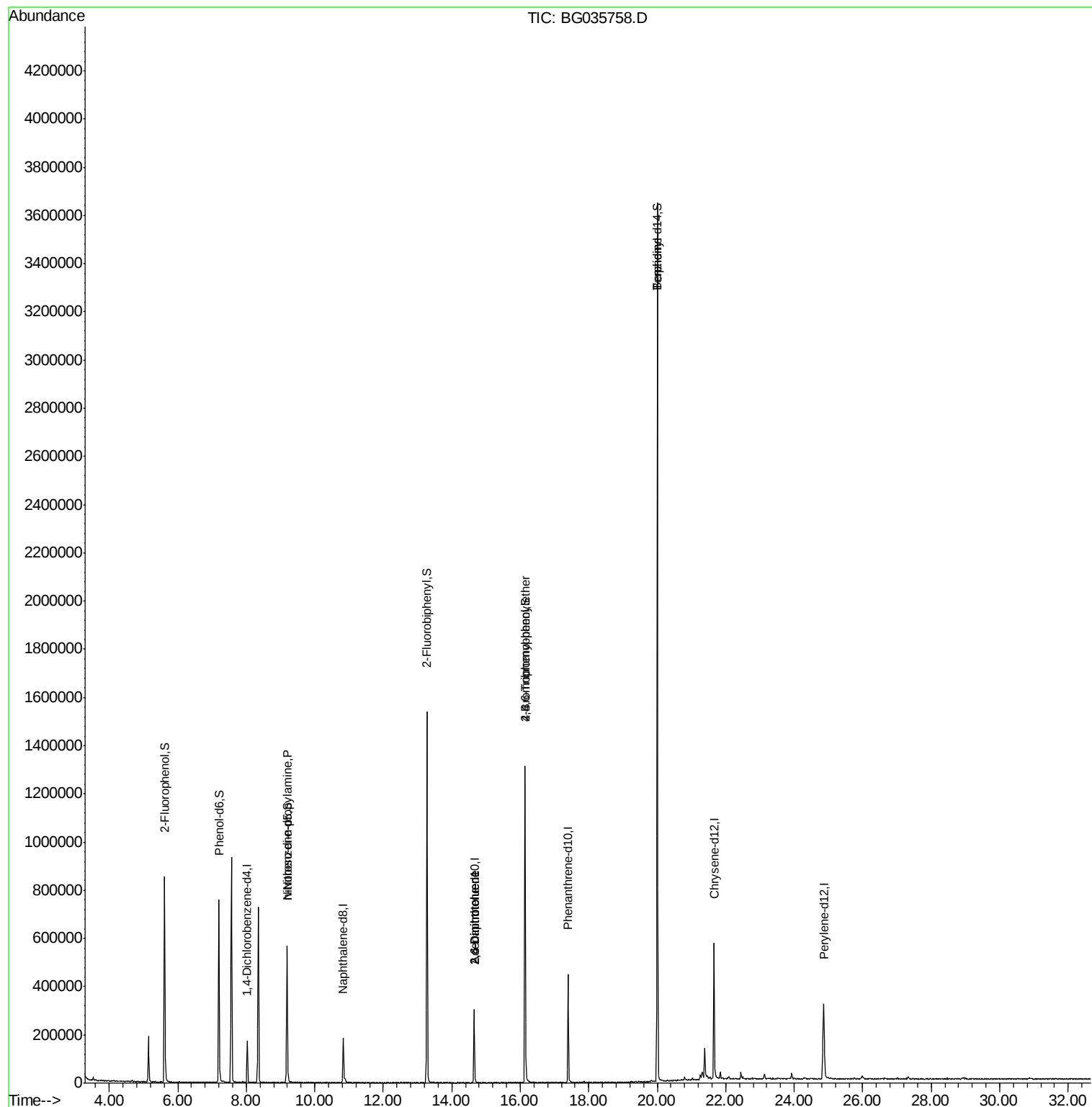
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49785	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	166918	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	110212	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	312618	20.00	ng	0.00
75) Chrysene-d12	21.66	240	377814	20.00	ng	-0.02
86) Perylene-d12	24.86	264	358588	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	384450	128.21	ng	0.00
7) Phenol-d6	7.20	99	472077	105.52	ng	0.00
23) Nitrobenzene-d5	9.19	82	389290	97.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	253968	174.83	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	870026	105.76	ng	-0.01
78) Terphenyl-d14	20.01	244	1759224	102.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	53896	14.306	ng	# 63
50) 2,6-Dinitrotoluene	14.65	165	15718	7.993	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	15718	5.572	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	20023	5.521	ng	# 1
76) Benzidine	20.01	184	32632	3.285	ng	# 86

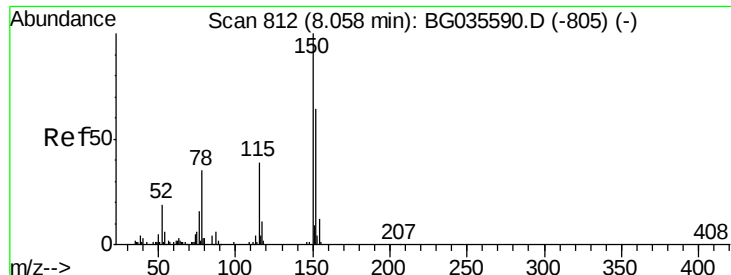
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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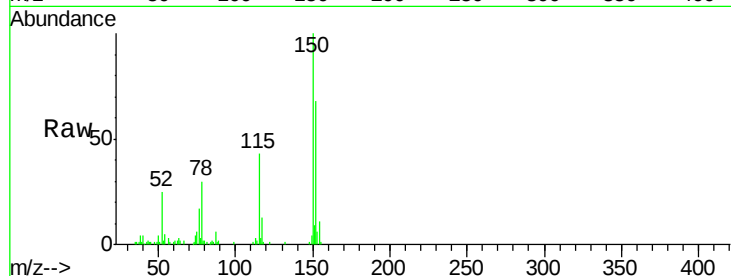


#1

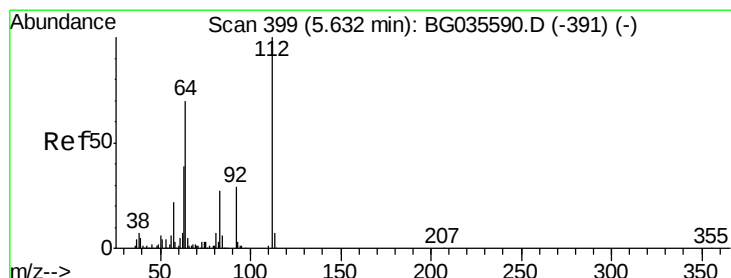
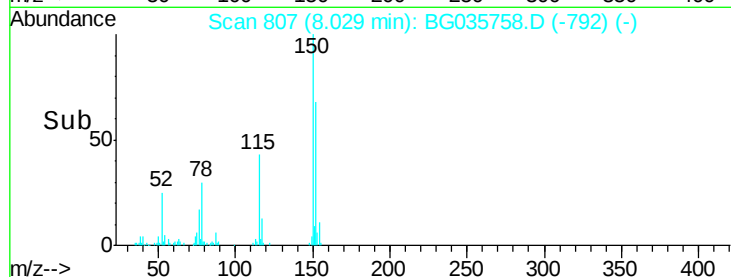
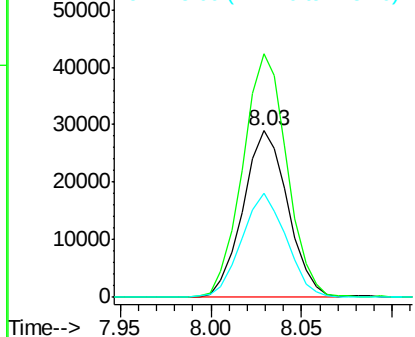
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Instrument :
BNA_G
ClientSampleId :
EO-02-071818-C

Tgt Ion:152 Resp: 49785
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 62.9 53.0 79.4



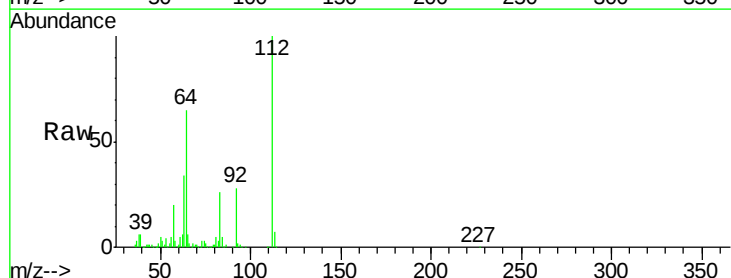
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



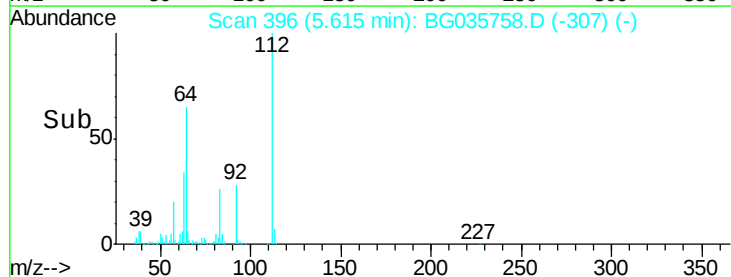
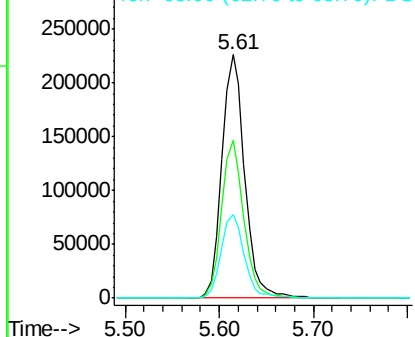
#5

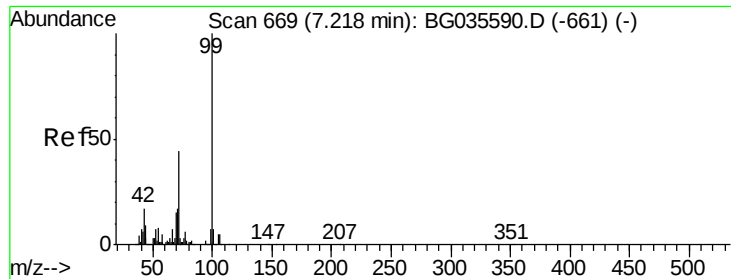
2-Fluorophenol
Concen: 128.207 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Tgt Ion:112 Resp: 384450
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 34.5 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: 105.516 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-C

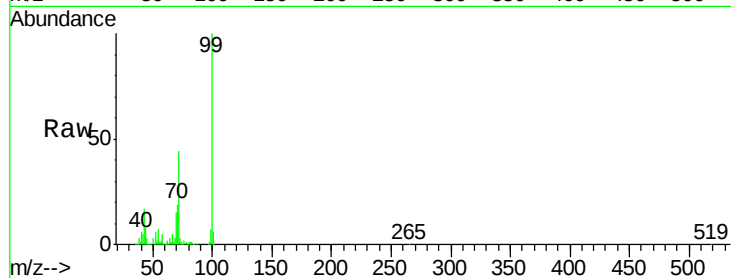
Tgt Ion: 99 Resp: 472077

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

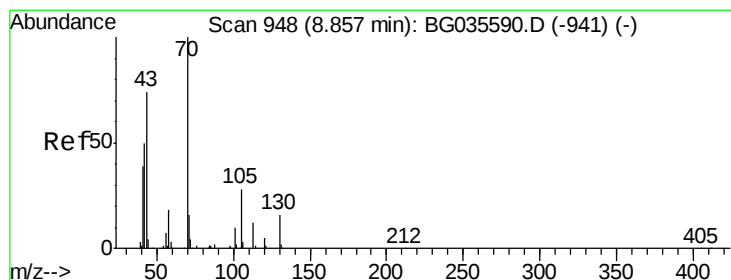
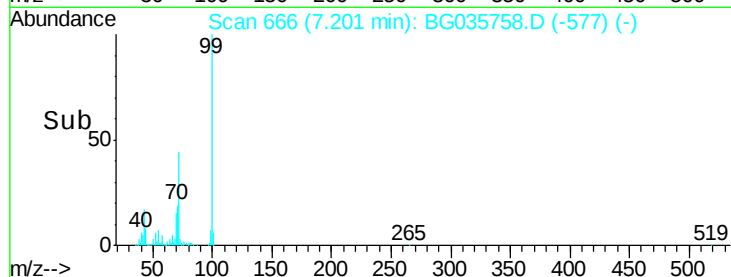
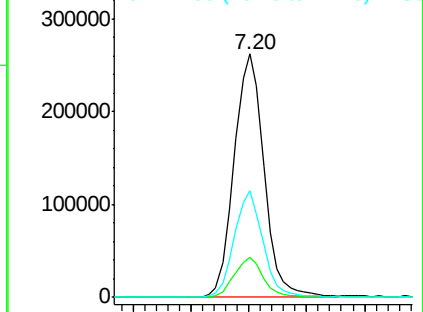
71 44.1 26.1 39.1#



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: 14.306 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.35 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

Tgt Ion: 70 Resp: 53896

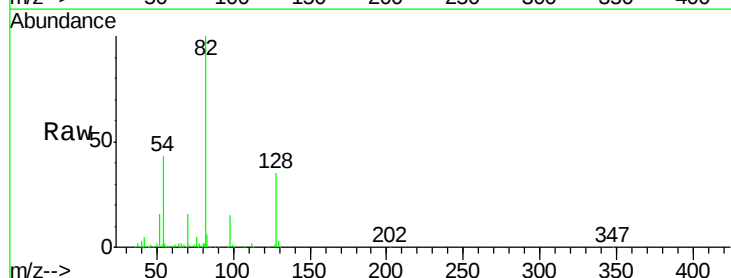
Ion Ratio Lower Upper

70 100

42 31.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

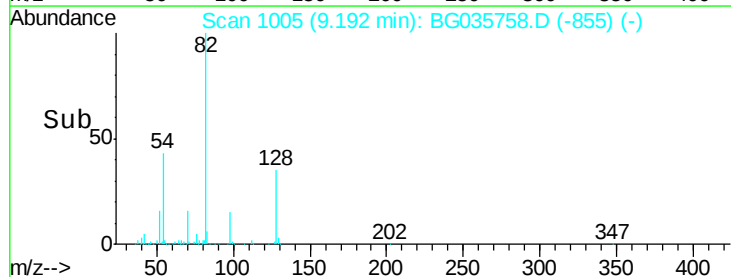
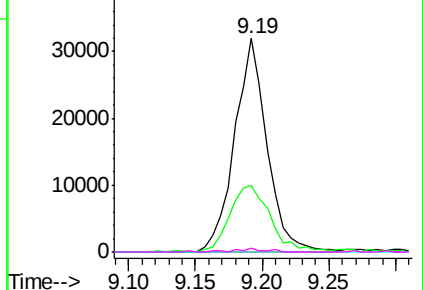


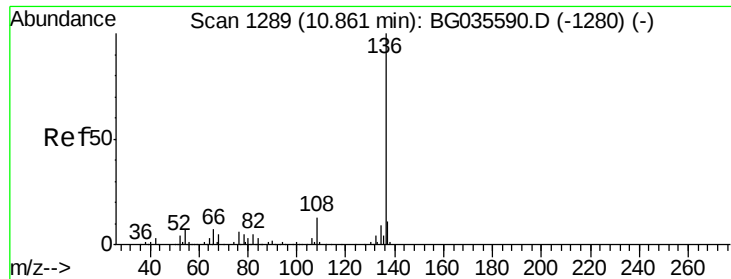
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

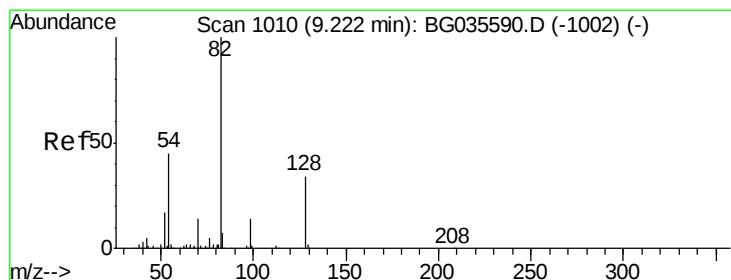
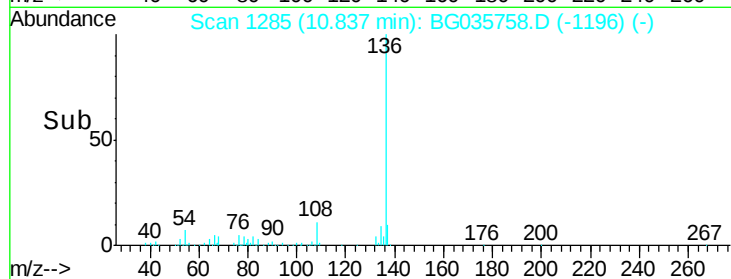
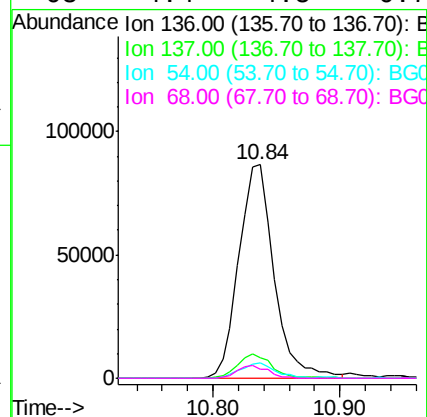
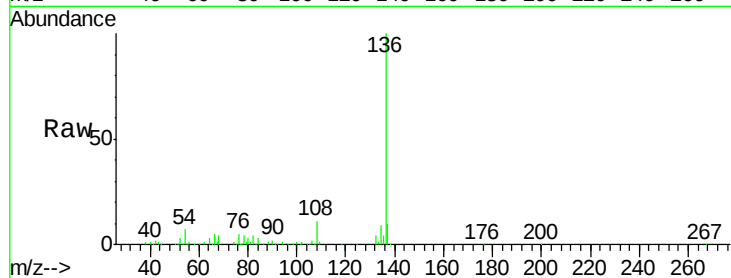




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

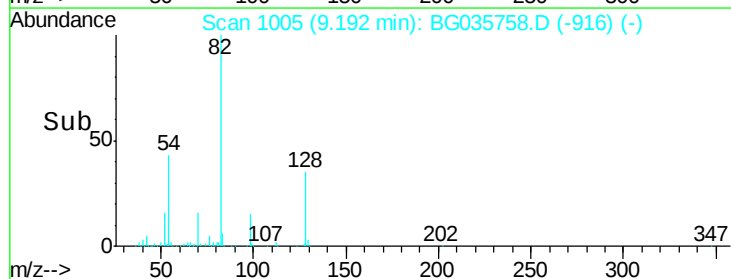
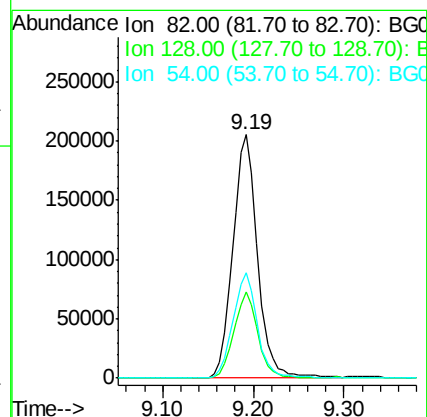
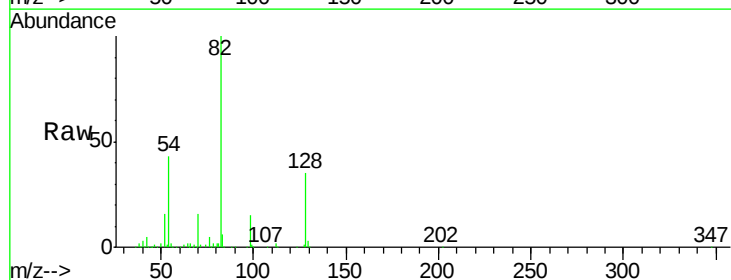
Instrument :
BNA_G
ClientSampleId :
EO-02-071818-C

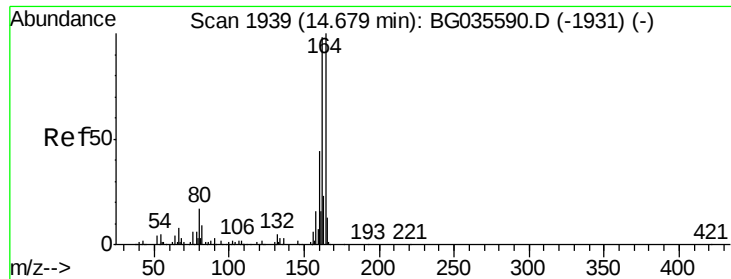
Tgt Ion:	136	Resp:	166918
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	7.2	10.3	15.5#
68	4.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 97.428 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Tgt Ion:	82	Resp:	389290
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	43.0	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-C

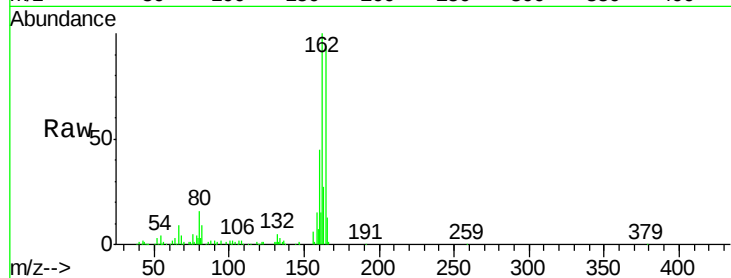
Tgt Ion:164 Resp: 110212

Ion Ratio Lower Upper

164 100

162 106.7 78.8 118.2

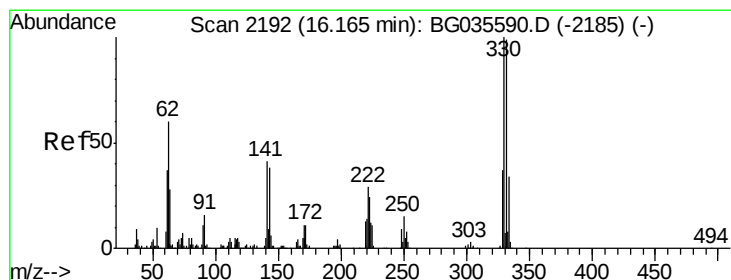
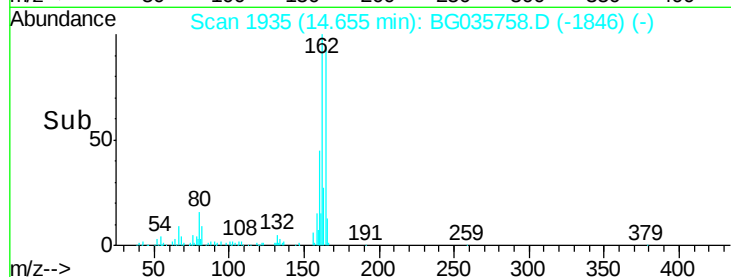
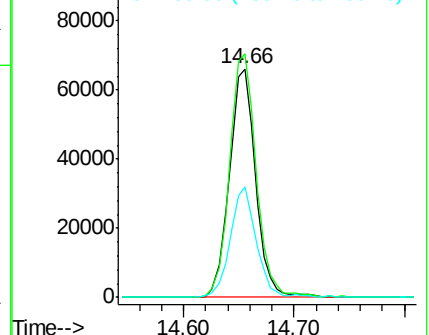
160 48.3 35.4 53.0



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: 174.829 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

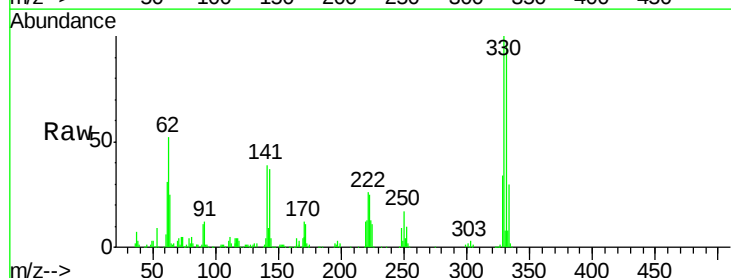
Tgt Ion:330 Resp: 253968

Ion Ratio Lower Upper

330 100

332 93.4 77.0 115.6

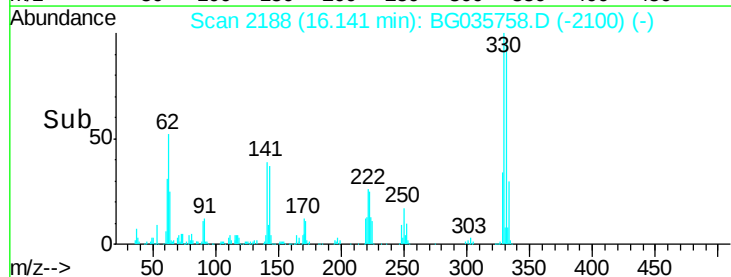
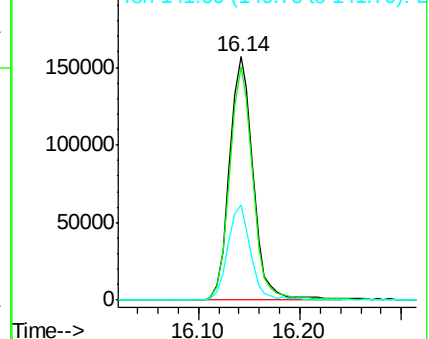
141 37.7 25.2 37.8

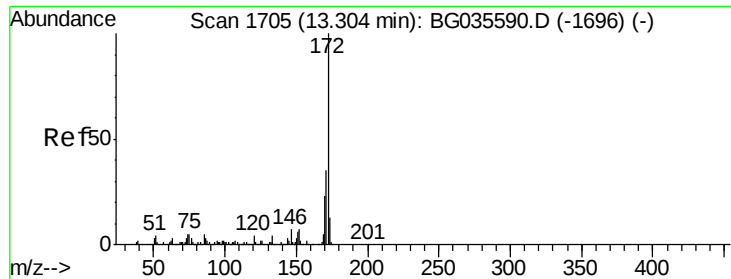


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

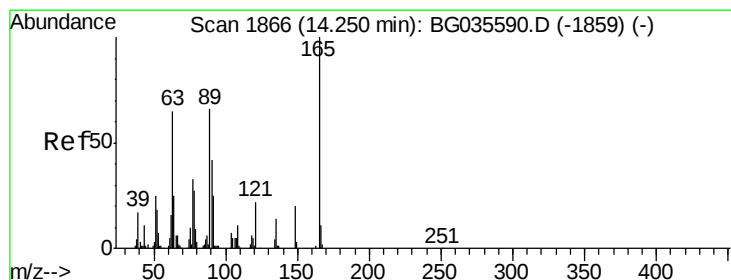
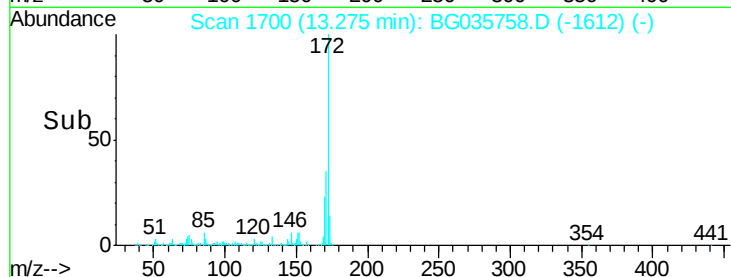
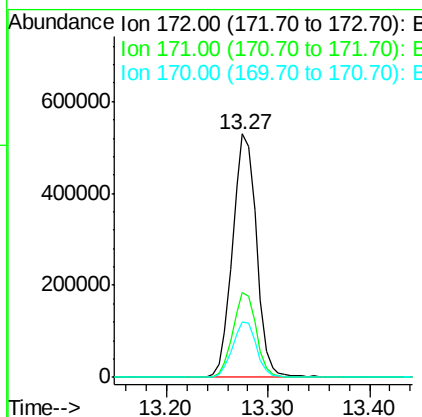
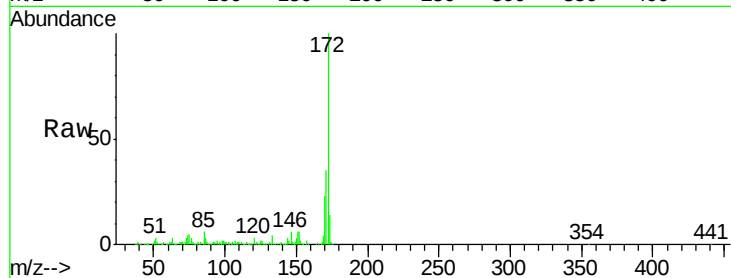




#44
2-Fluorobiphenyl
Concen: 105.761 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

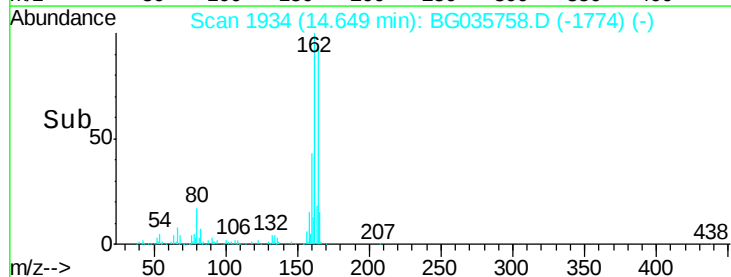
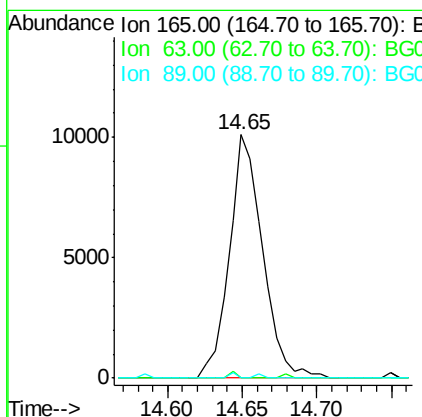
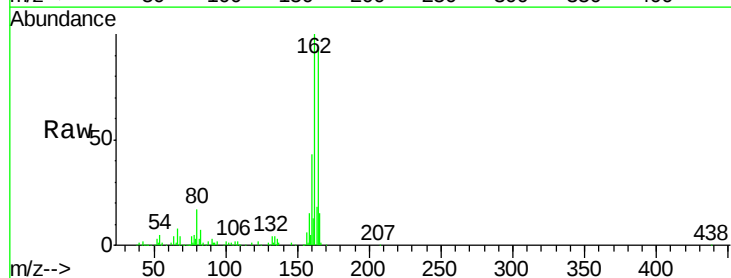
Instrument :
BNA_G
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EO-02-071818-C

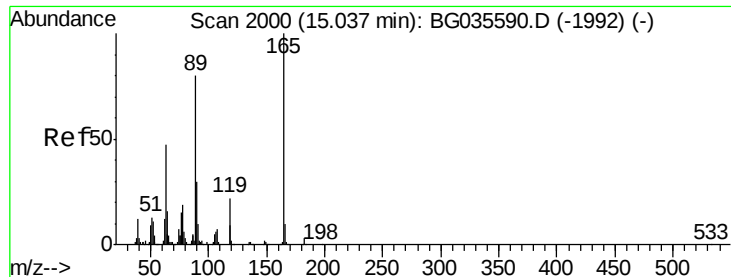
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.6	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

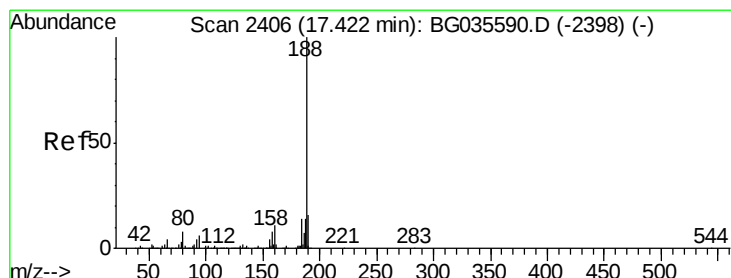
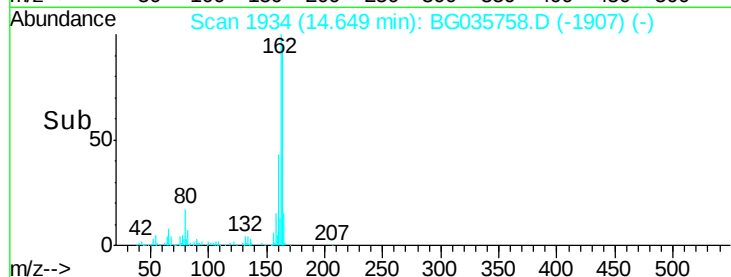
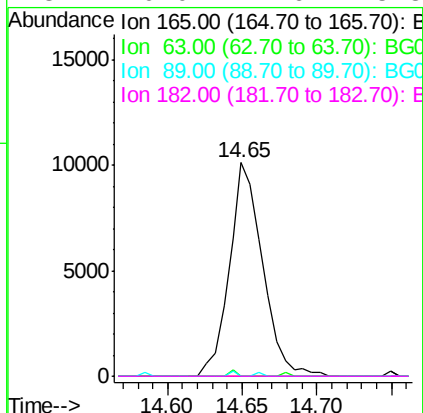
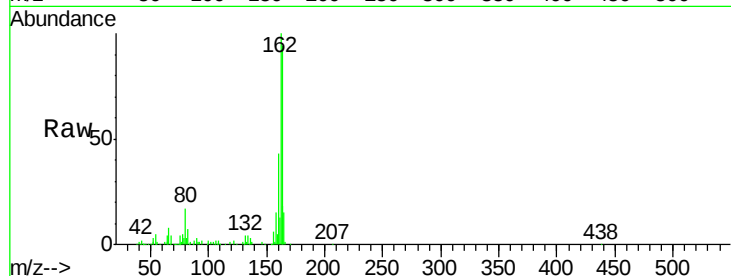




#56
 2,4-Dinitrotoluene
 Concen: 5.572 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035758.D
 Acq: 19 Jul 2018 20:47

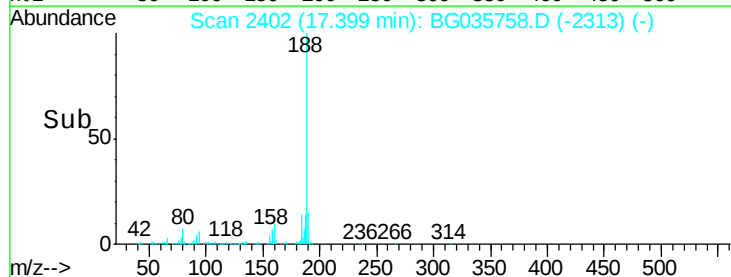
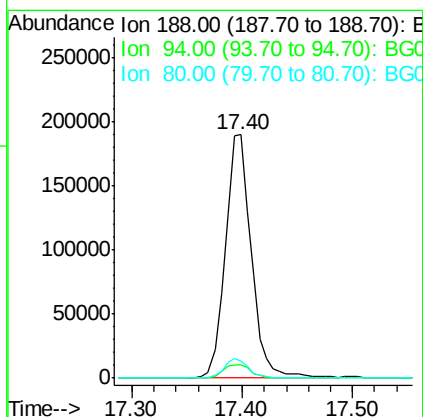
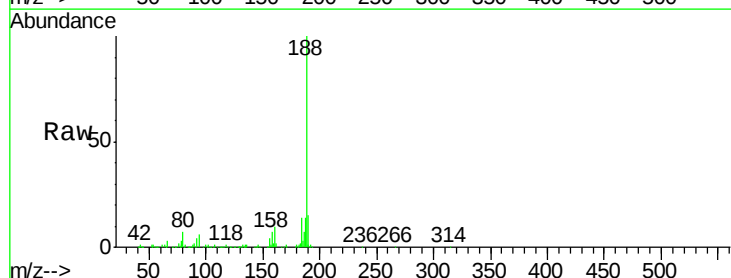
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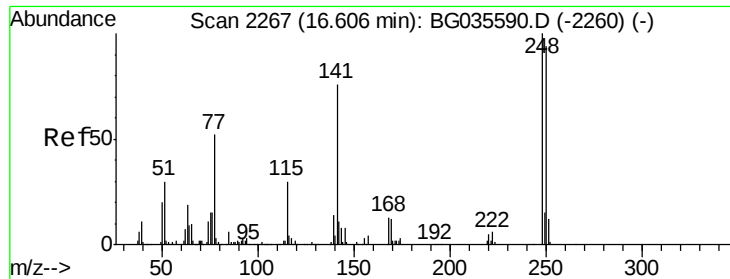
Tgt Ion:165 Resp: 15718
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG035758.D
 Acq: 19 Jul 2018 20:47

Tgt Ion:188 Resp: 312618
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 7.2 7.7 11.5#

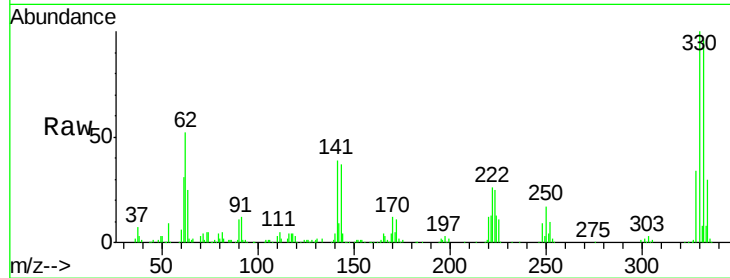




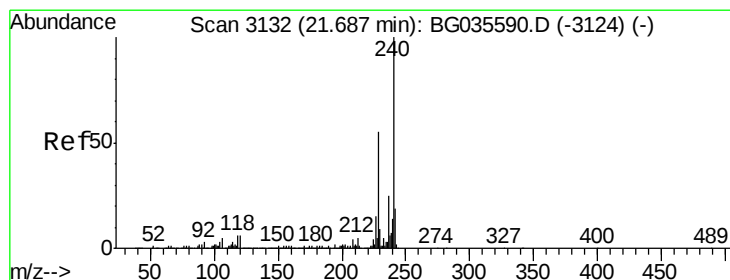
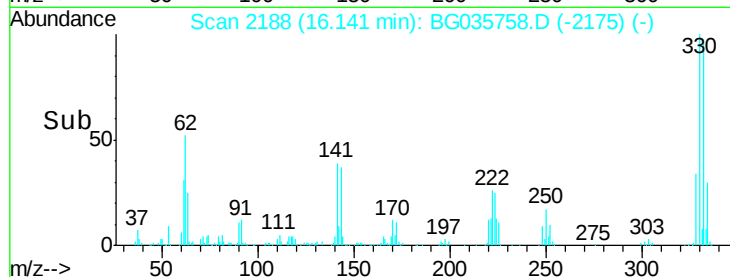
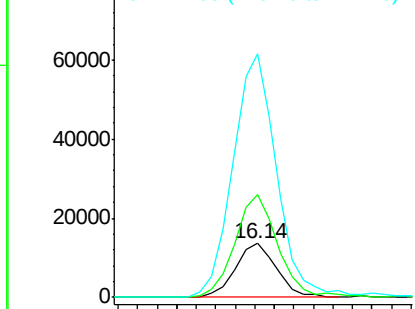
#66
4-Bromophenyl-phenylether
Concen: 5.521 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Instrument :
BNA_G
ClientSampleId :
EO-02-071818-C

Tgt Ion:248 Resp: 20023
Ion Ratio Lower Upper
248 100
250 192.2 77.1 115.7#
141 454.6 50.8 76.2#

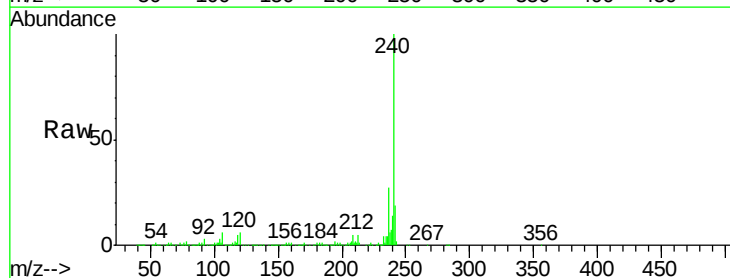


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

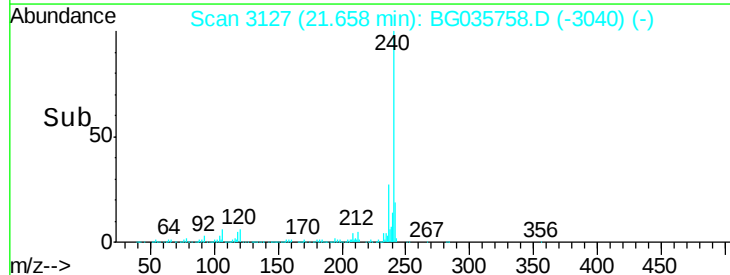
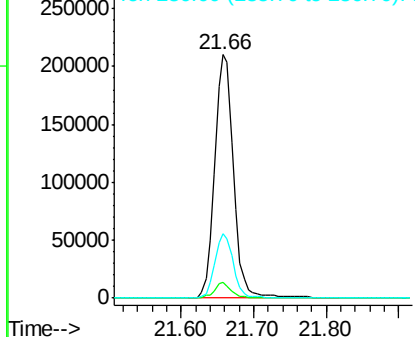


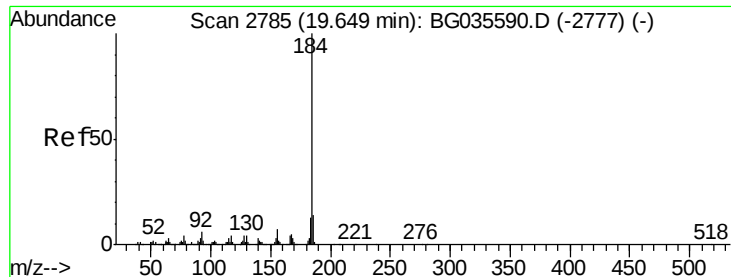
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Tgt Ion:240 Resp: 377814
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.6 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: 3.285 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.37 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-C

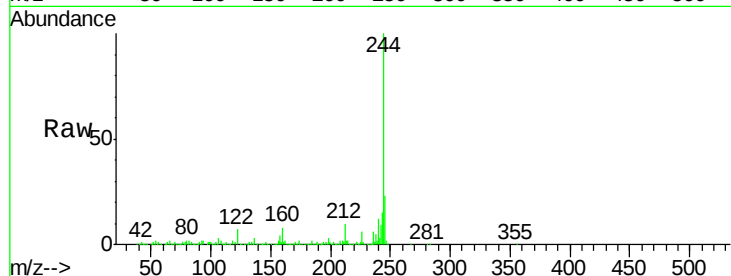
Tgt Ion:184 Resp: 32632

Ion Ratio Lower Upper

184 100

185 19.3 11.1 16.7#

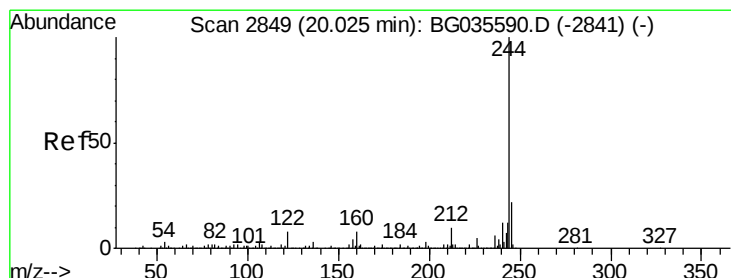
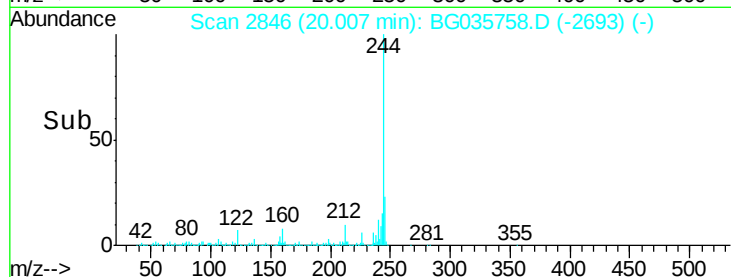
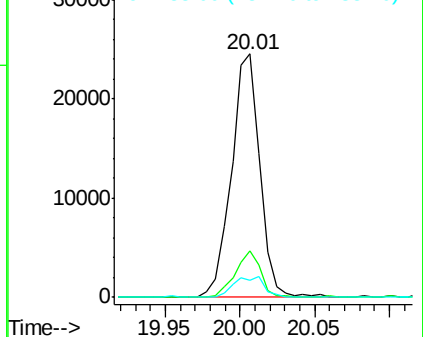
183 7.3 10.6 16.0#



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: 102.639 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

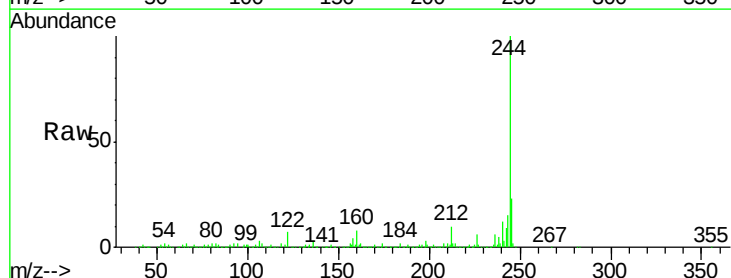
Tgt Ion:244 Resp: 1759224

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

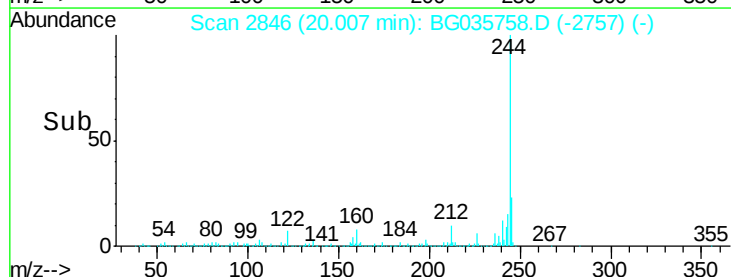
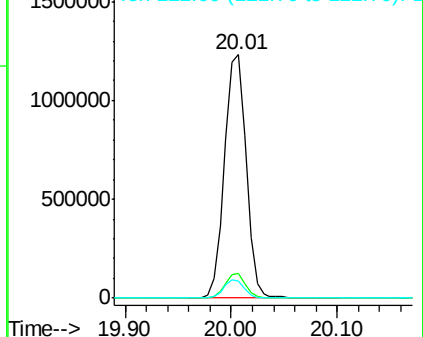
122 7.1 7.0 10.4

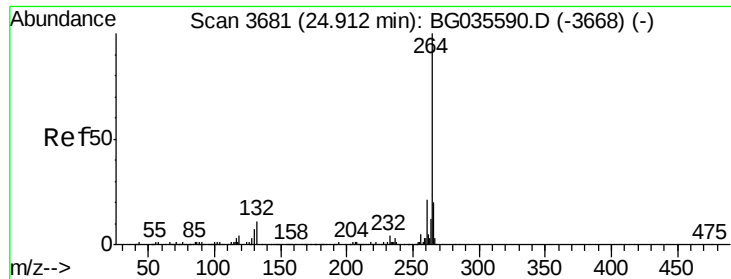


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Instrument :
BNA_G
ClientSampleId :
EO-02-071818-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	21.2	17.7	26.5

