

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035757.D
 Acq On : 19 Jul 2018 20:08
 Operator : JU/SJ
 Sample : J3828-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 20 01:58:37 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

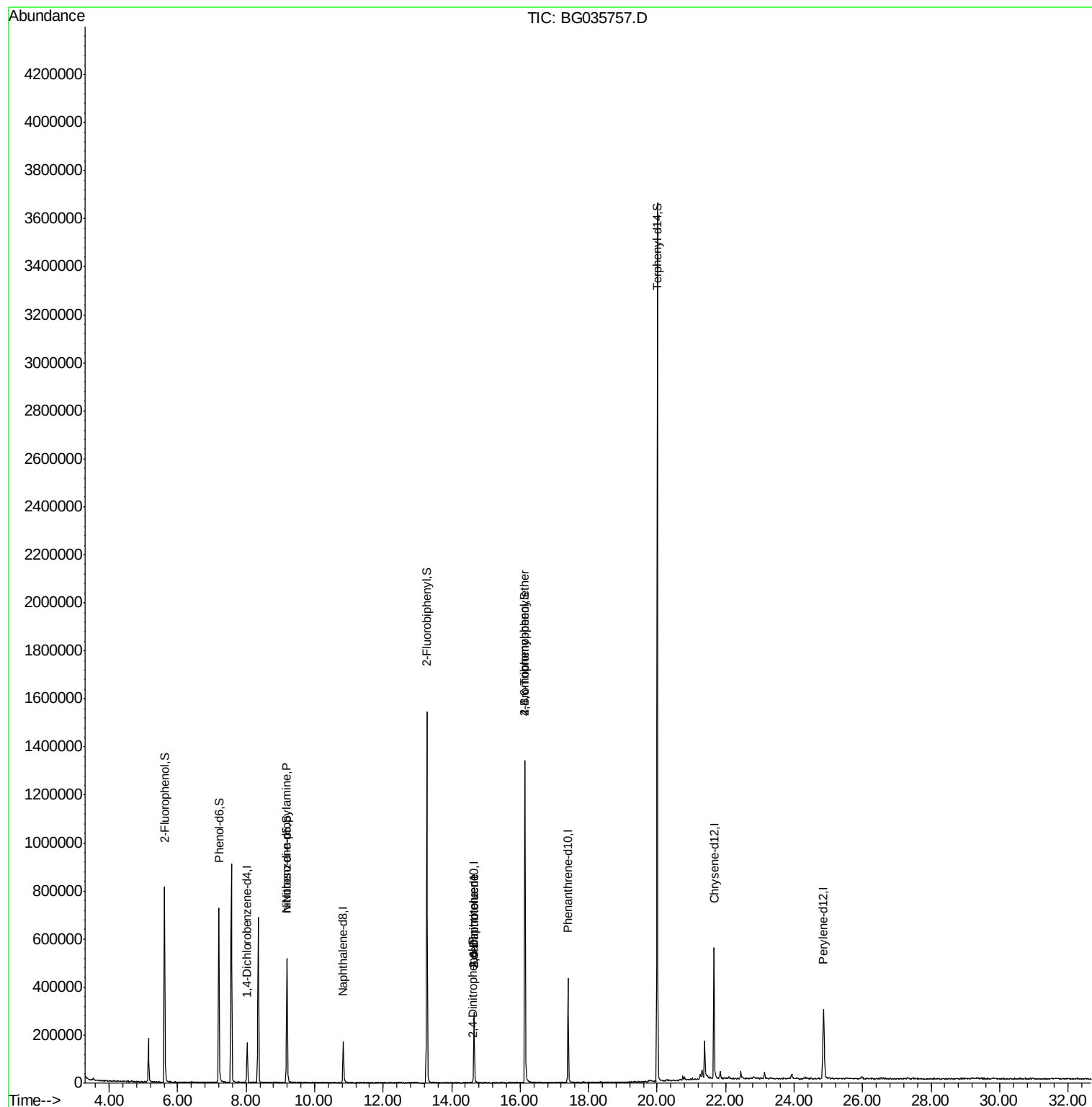
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47766	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162177	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	112413	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	310744	20.00	ng	0.00
75) Chrysene-d12	21.66	240	356391	20.00	ng	-0.02
86) Perylene-d12	24.86	264	334612	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	373798	129.92	ng	0.00
7) Phenol-d6	7.20	99	464886	108.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	375782	96.80	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	255807	172.65	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	861477	102.67	ng	0.00
78) Terphenyl-d14	20.00	244	1729091	106.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	50484	13.966	ng	# 70
50) 2,6-Dinitrotoluene	14.66	165	14843	7.401	ng	# 20
53) 2,4-Dinitrophenol	14.60	184	66	6.641	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	14843	5.159	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	20897	5.796	ng	# 1

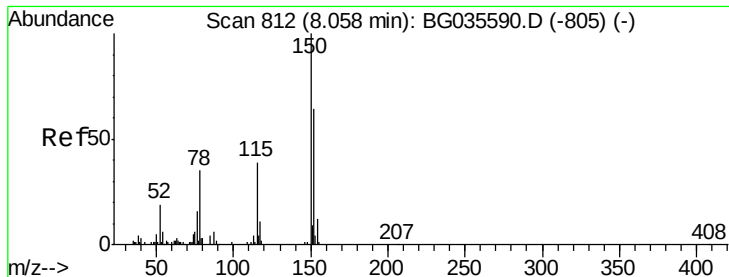
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 01:58:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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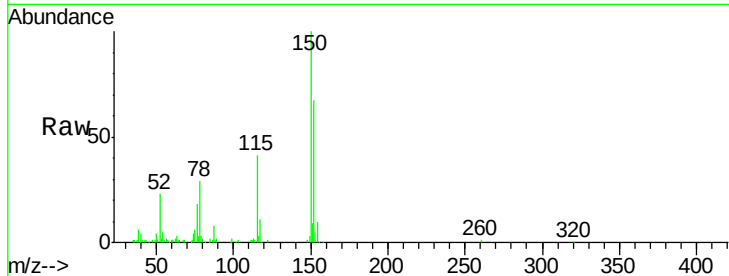


#1

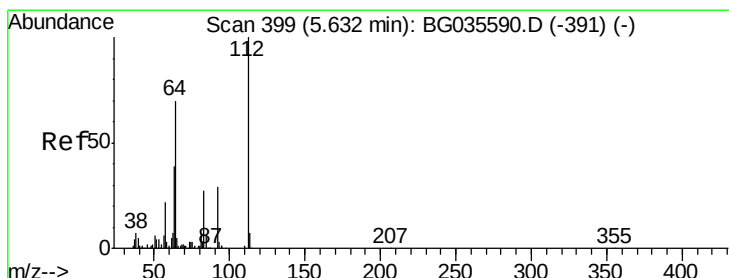
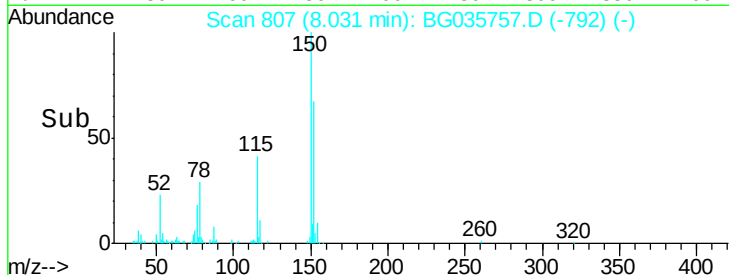
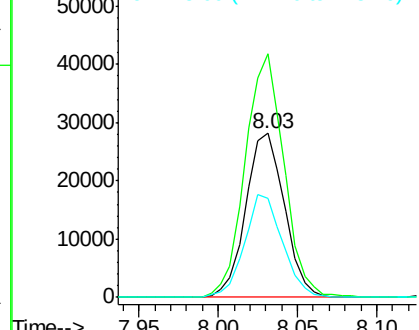
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

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

Tgt Ion:152 Resp: 47766
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 60.2 53.0 79.4



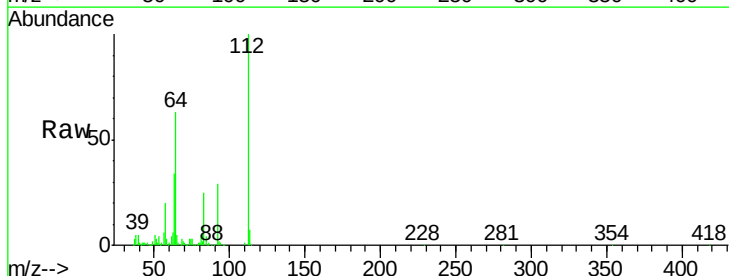
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



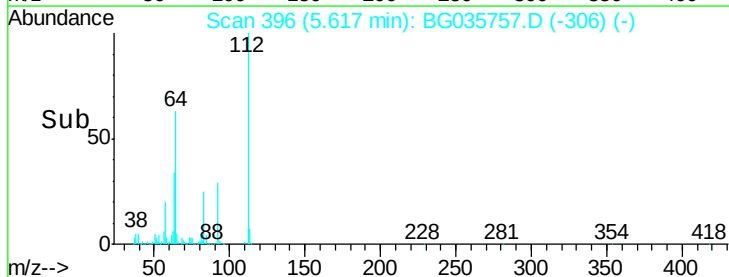
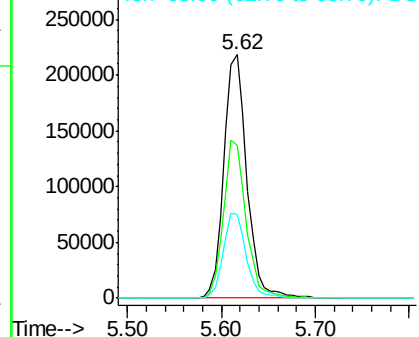
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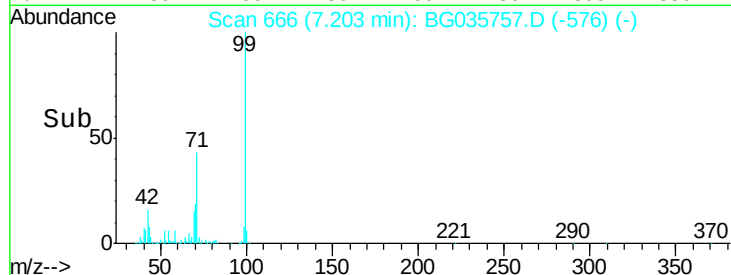
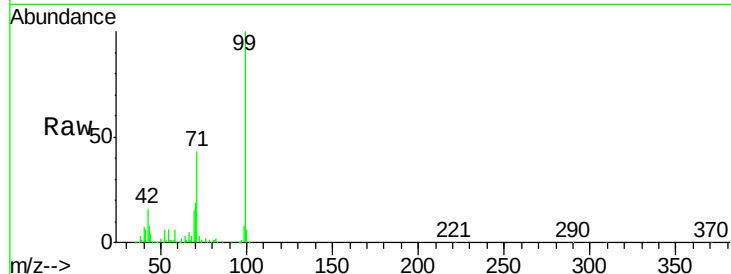
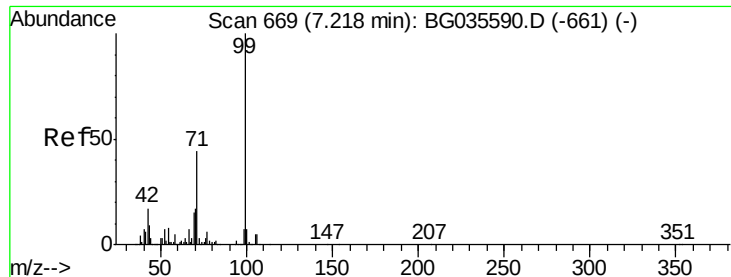
2-Fluorophenol
Concen: 129.923 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

Tgt Ion:112 Resp: 373798
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 34.3 30.1 45.1



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





#7

Phenol-d6

Concen: 108.301 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-A

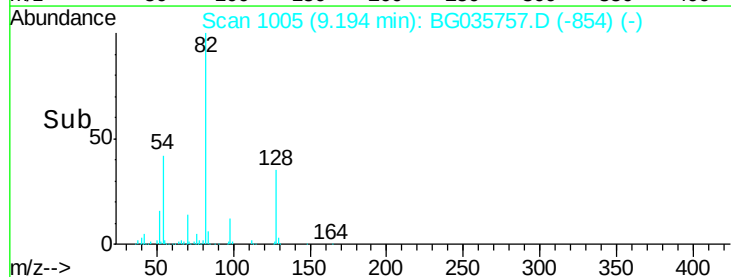
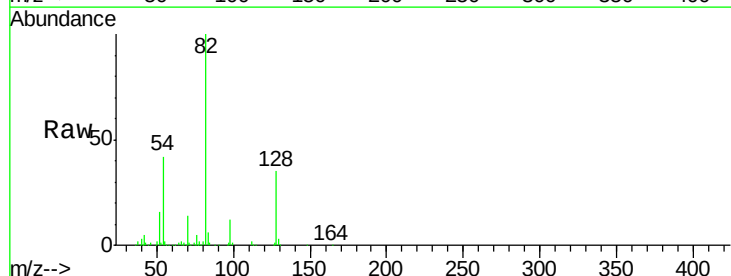
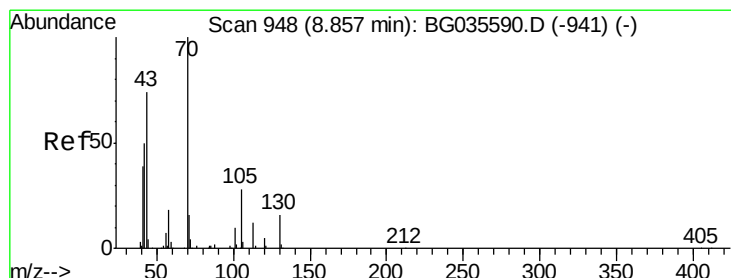
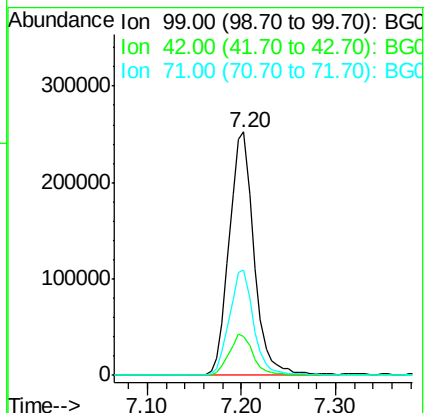
Tgt Ion: 99 Resp: 464886

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 43.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.966 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.35 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

Tgt Ion: 70 Resp: 50484

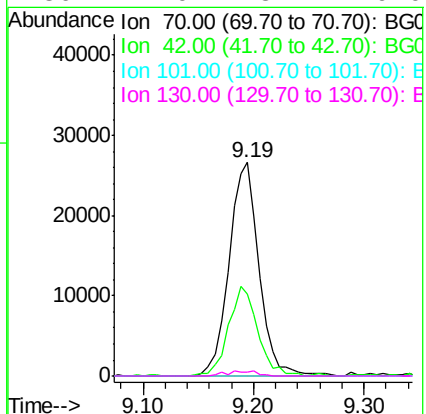
Ion Ratio Lower Upper

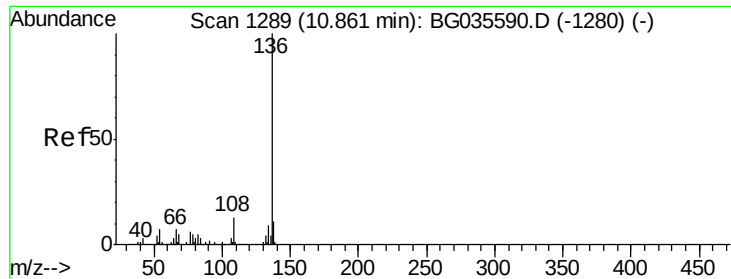
70 100

42 38.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

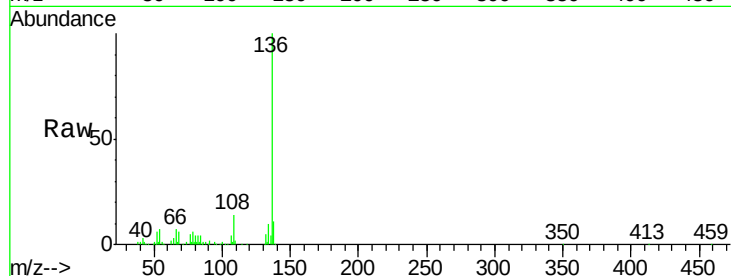




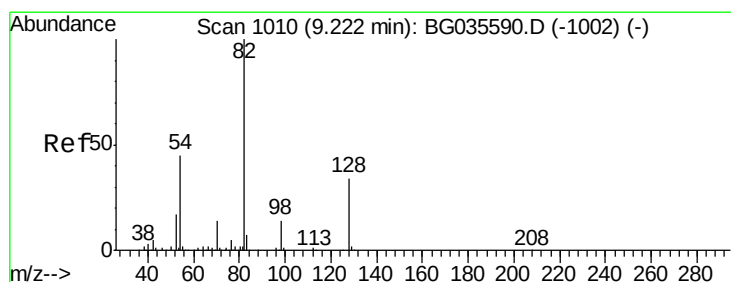
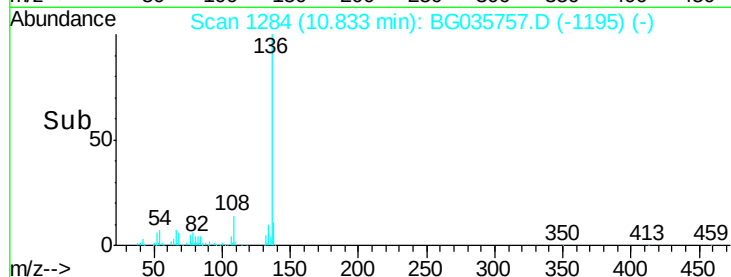
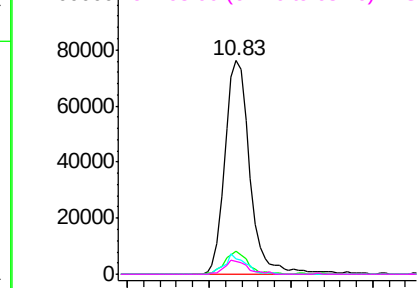
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

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

Tgt Ion:	136	Resp:	162177
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.0	10.3	15.5#
68	6.2	4.5	6.7

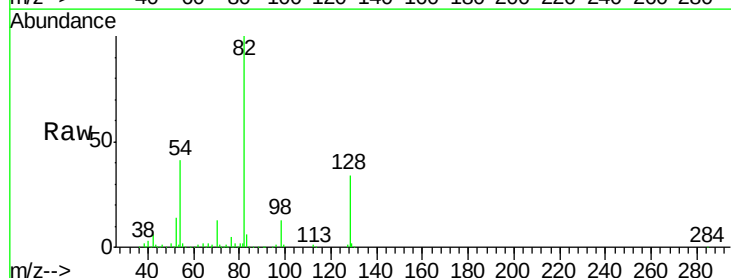


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

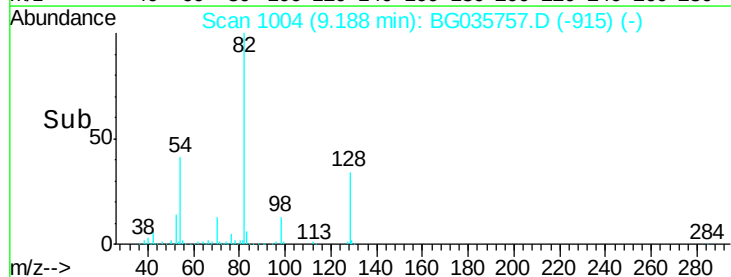
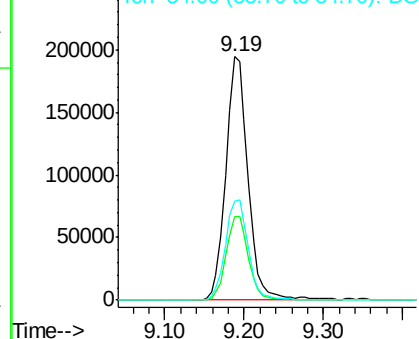


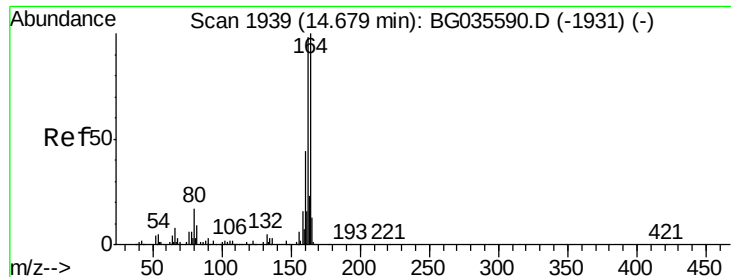
#23
Nitrobenzene-d5
Concen: 96.797 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

Tgt Ion:	82	Resp:	375782
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	40.8	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-A

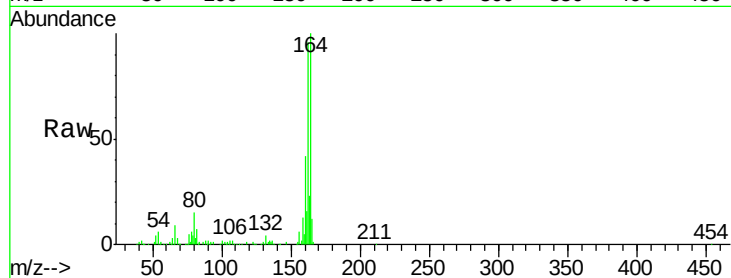
Tgt Ion:164 Resp: 112413

Ion Ratio Lower Upper

164 100

162 95.8 78.8 118.2

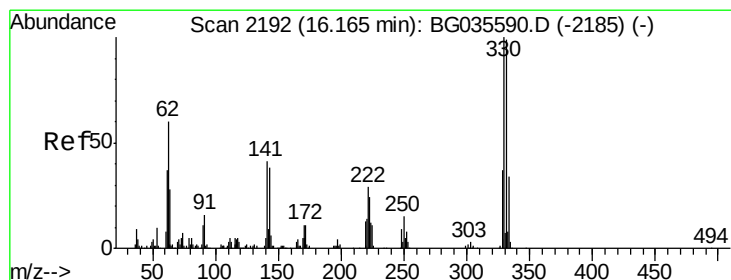
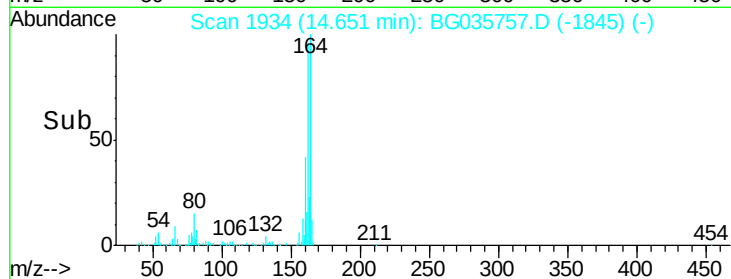
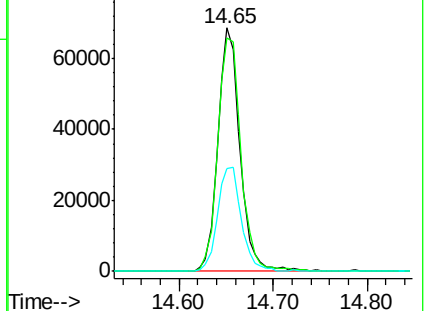
160 42.3 35.4 53.0



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: 172.647 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

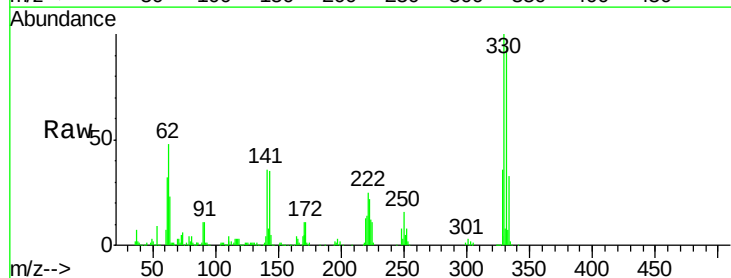
Tgt Ion:330 Resp: 255807

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

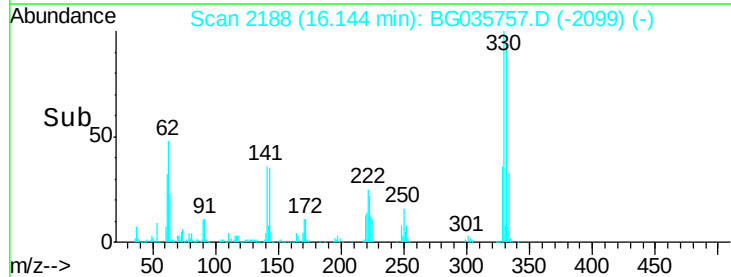
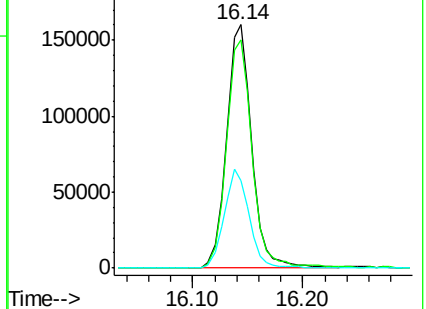
141 40.5 25.2 37.8#

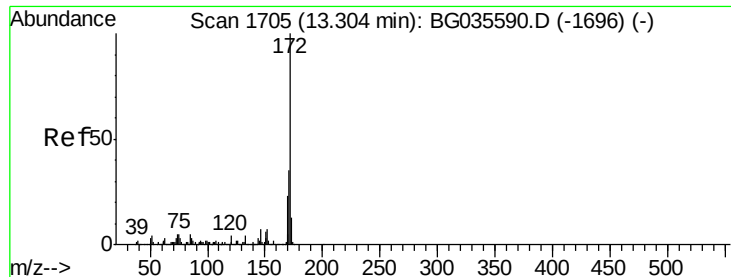


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 102.671 ng

RT: 13.28 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

Instrument :

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ClientSampleId :

EO-02-071818-A

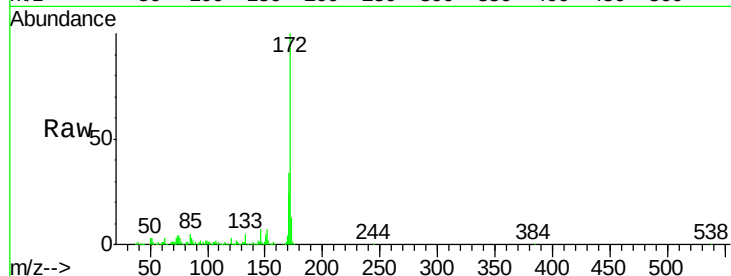
Tgt Ion:172 Resp: 861477

Ion Ratio Lower Upper

172 100

171 33.8 30.0 45.0

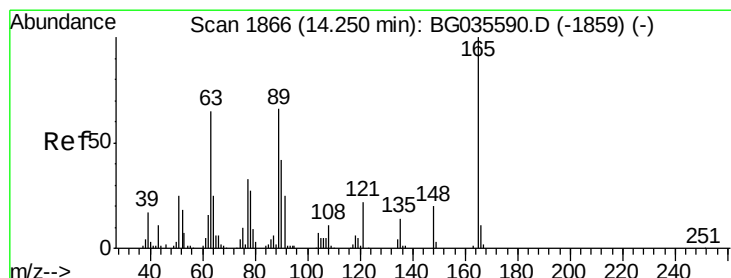
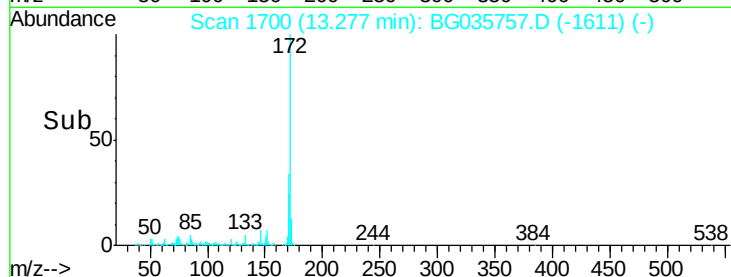
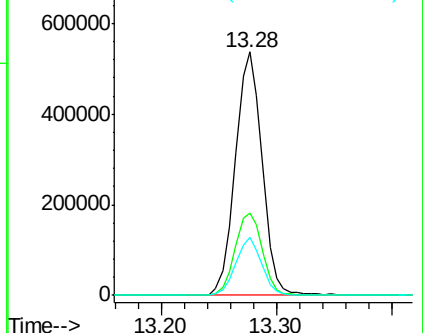
170 23.7 19.5 29.3



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: 7.401 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.42 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

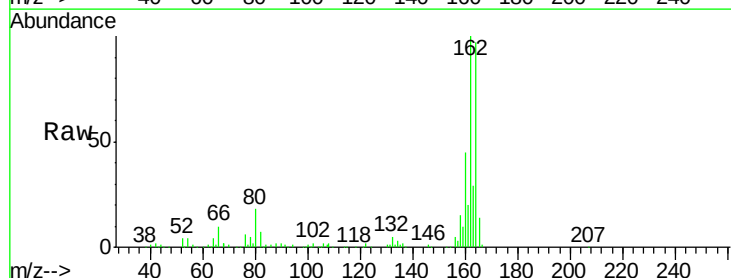
Tgt Ion:165 Resp: 14843

Ion Ratio Lower Upper

165 100

63 1.8 52.7 79.1#

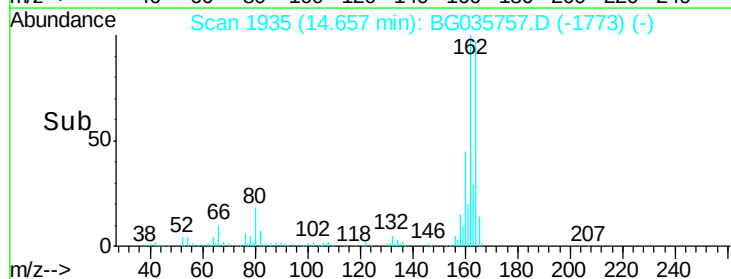
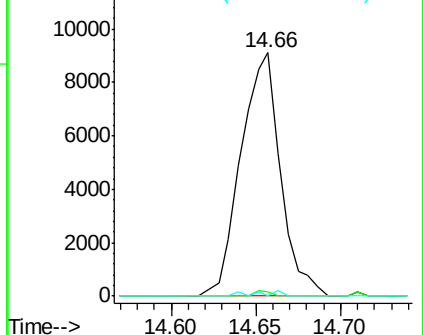
89 0.0 49.2 73.8#

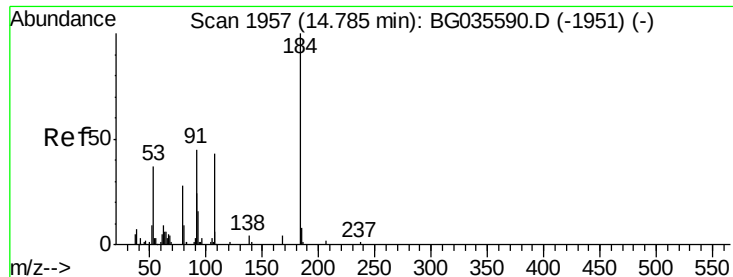


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

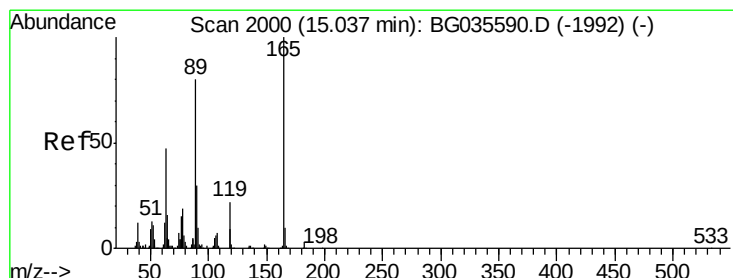
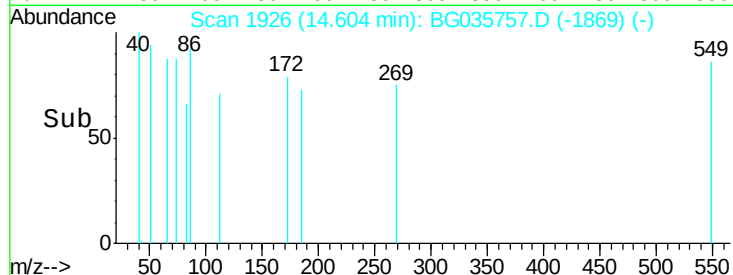
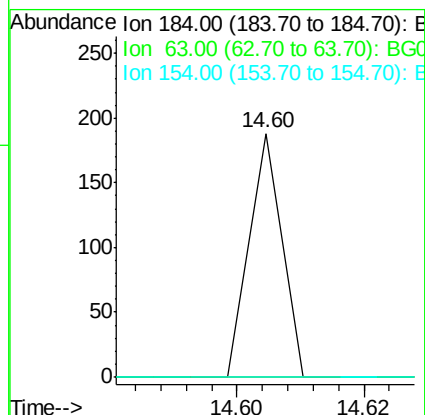
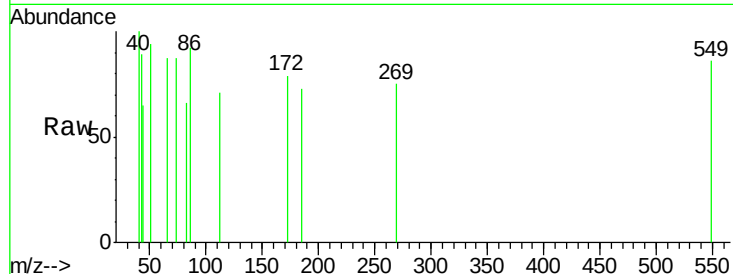




#53
2,4-Dinitrophenol
Concen: 6.641 ng
RT: 14.60 min Scan# 1926
Delta R.T. -0.20 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

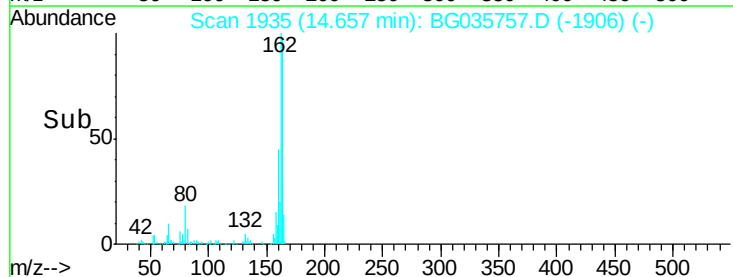
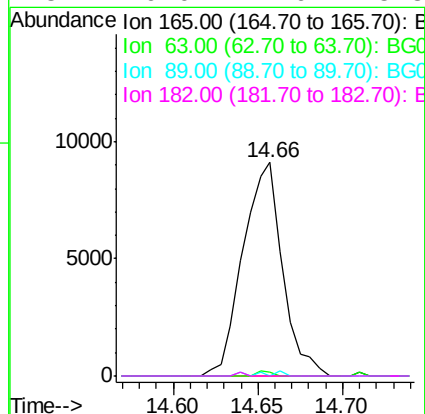
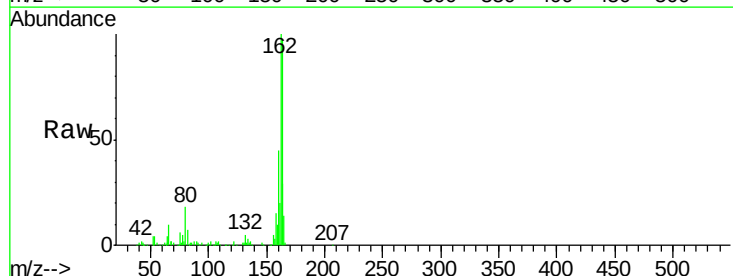
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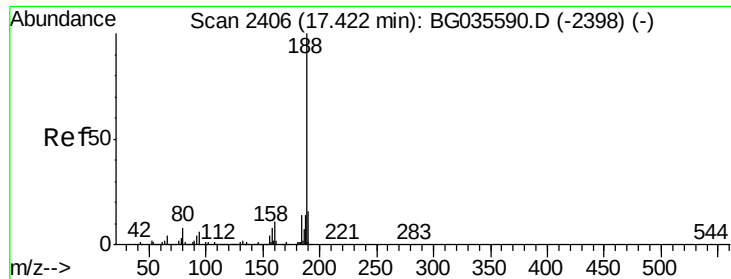
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.159 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

Tgt Ion:165 Resp: 14843
Ion Ratio Lower Upper
165 100
63 1.8 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

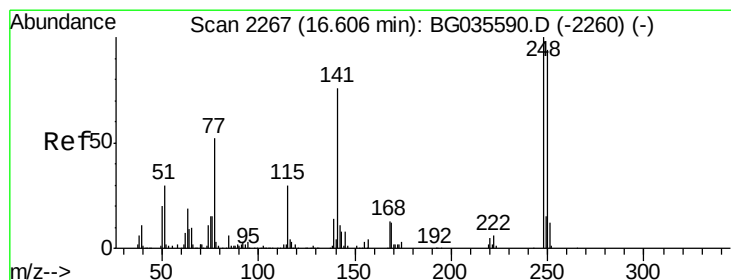
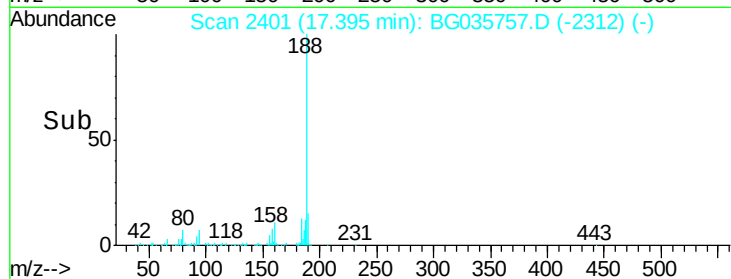
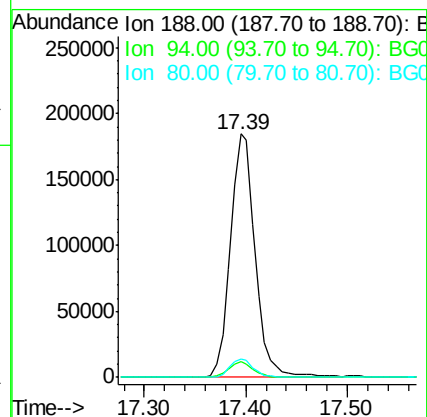
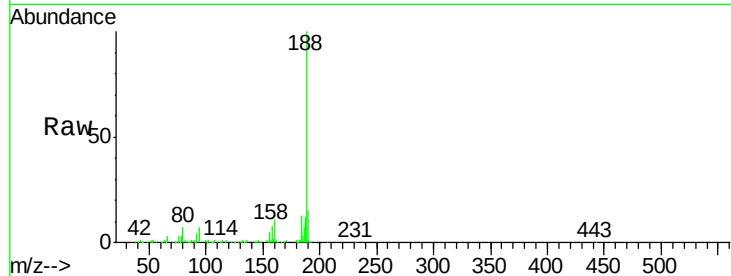




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

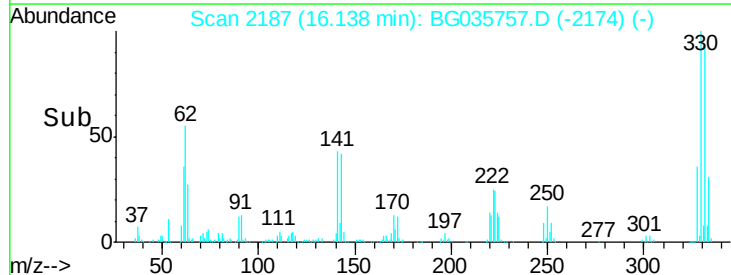
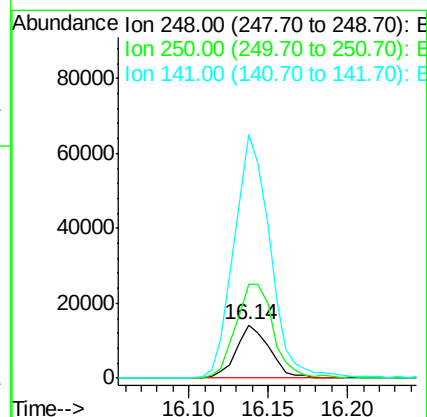
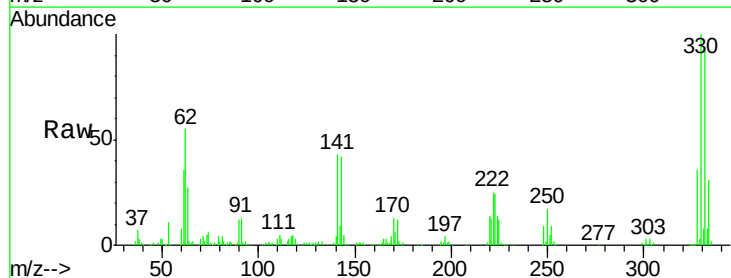
Instrument :
BNA_G
ClientSampleId :
EO-02-071818-A

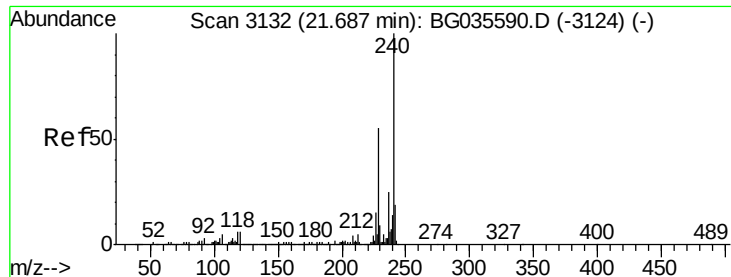
Tgt Ion:188 Resp: 310744
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.5 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.796 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.46 min
Lab File: BG035757.D
Acq: 19 Jul 2018 20:08

Tgt Ion:248 Resp: 20897
Ion Ratio Lower Upper
248 100
250 177.5 77.1 115.7#
141 458.2 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-A

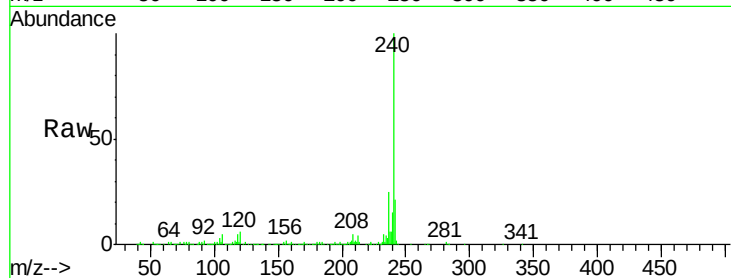
Tgt Ion:240 Resp: 356391

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

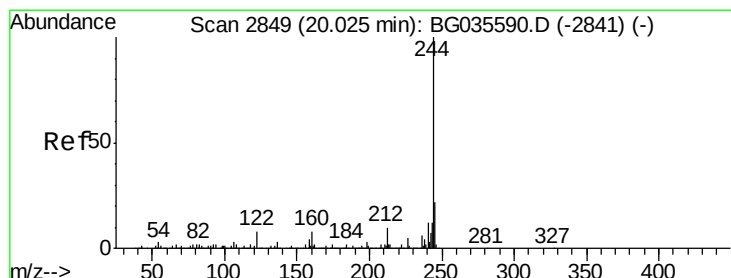
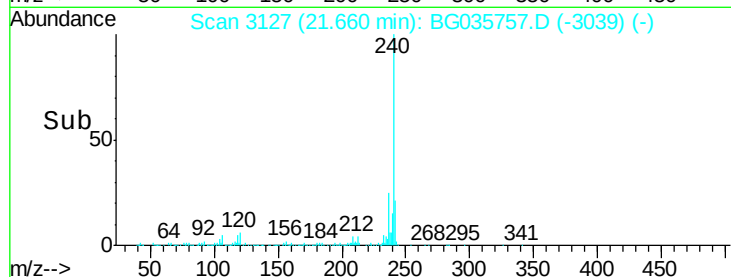
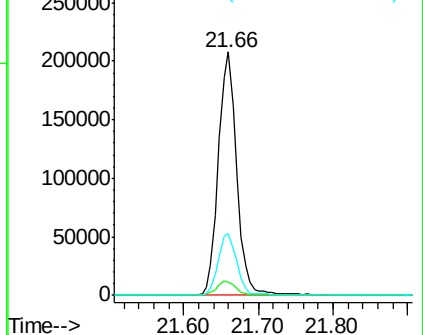
236 25.2 20.9 31.3



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



#78

Terphenyl-d14

Concen: 106.945 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035757.D

Acq: 19 Jul 2018 20:08

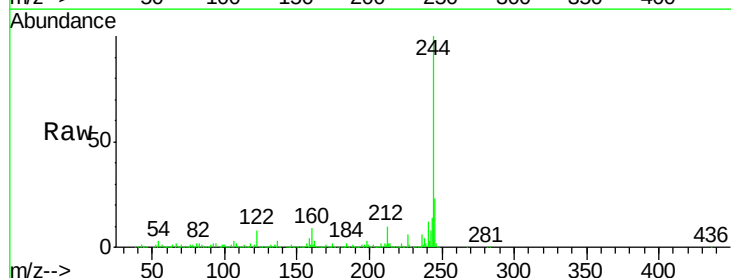
Tgt Ion:244 Resp: 1729091

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

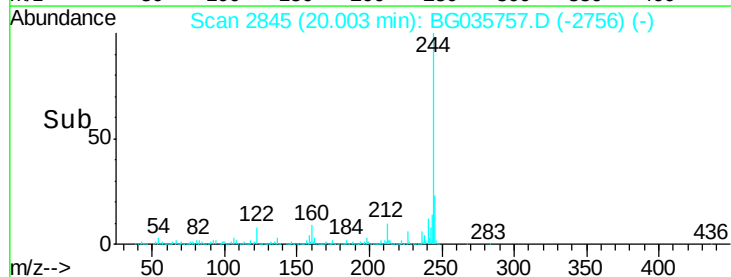
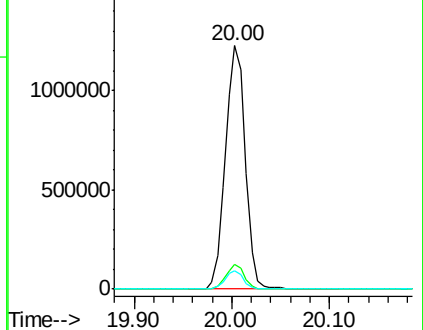
122 7.5 7.0 10.4

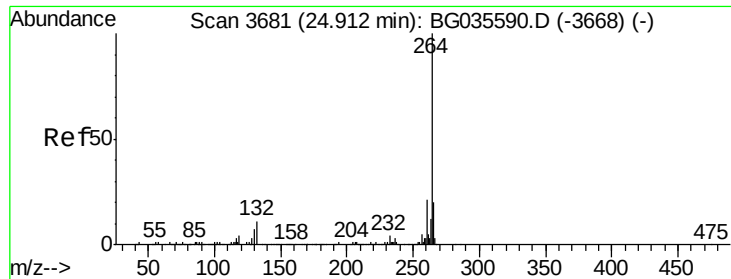


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

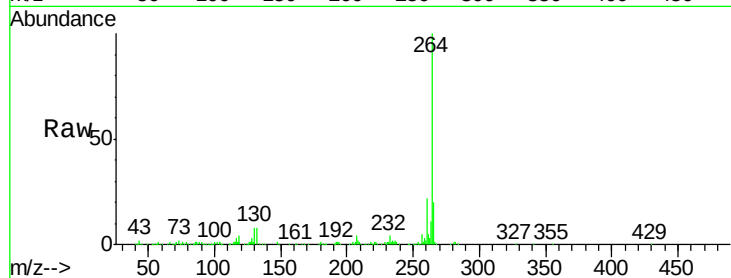




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.03 min
 Lab File: BG035757.D
 Acq: 19 Jul 2018 20:08

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

Tgt Ion: 264 Resp: 334612
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.4 26.0
 265 19.7 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

