

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035756.D
 Acq On : 19 Jul 2018 19:29
 Operator : JU/SJ
 Sample : J3828-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jul 20 01:58:26 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

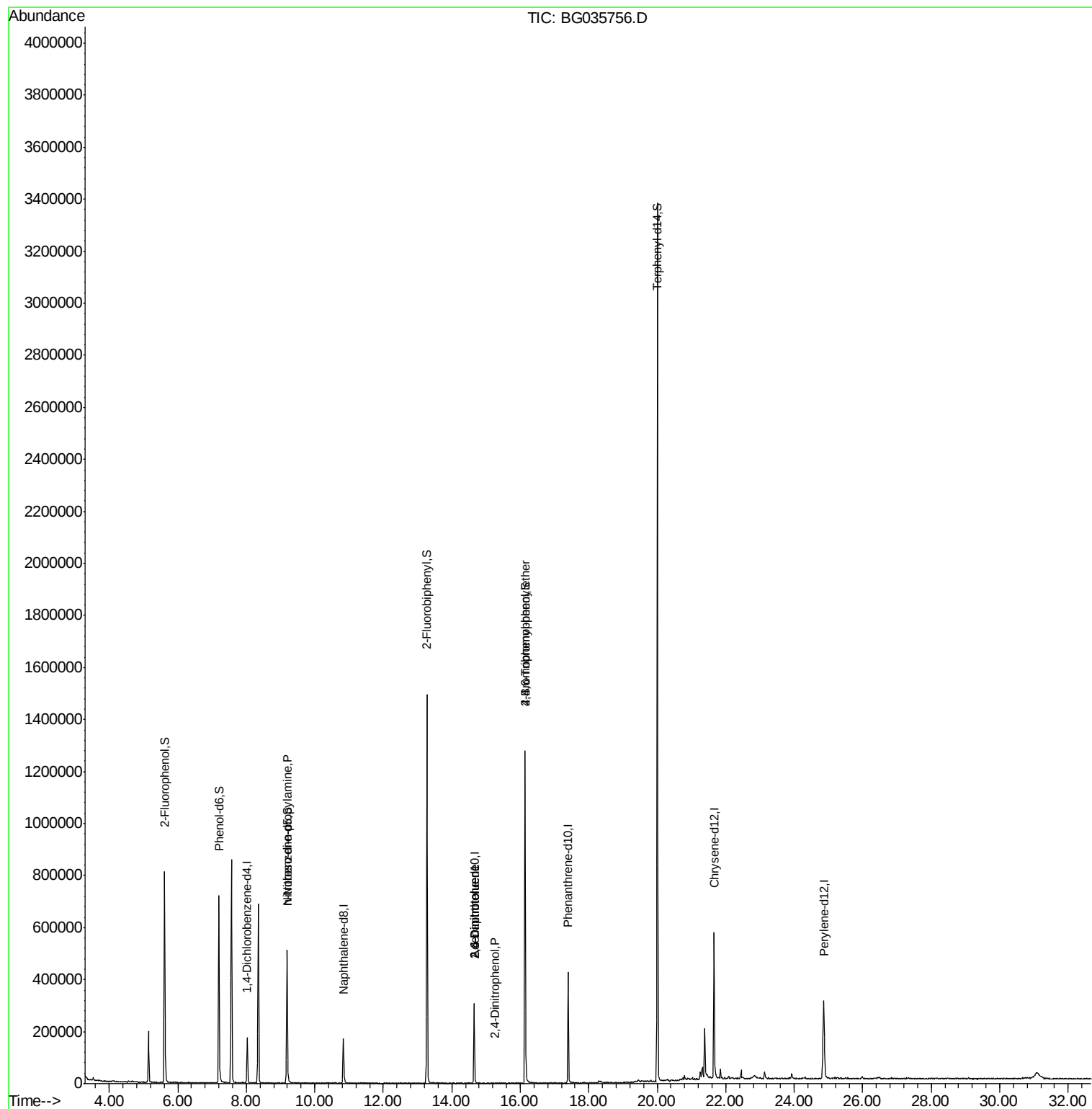
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49263	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	160667	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109476	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	307150	20.00	ng	0.00
75) Chrysene-d12	21.66	240	370430	20.00	ng	-0.02
86) Perylene-d12	24.86	264	343355	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362892	122.30	ng	0.00
7) Phenol-d6	7.20	99	455920	102.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	363086	94.41	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	240611	166.75	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	827871	101.31	ng	-0.01
78) Terphenyl-d14	20.01	244	1677865	99.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	52458	14.071	ng	# 61
50) 2,6-Dinitrotoluene	14.65	165	14916	7.637	ng	# 20
53) 2,4-Dinitrophenol	15.25	184	55	6.632	ng	# 17
56) 2,4-Dinitrotoluene	14.65	165	14916	5.323	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	19254	5.403	ng	# 1

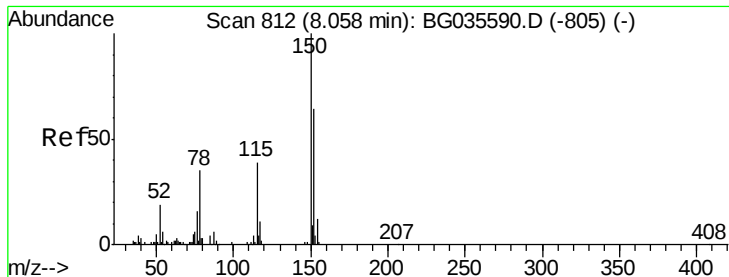
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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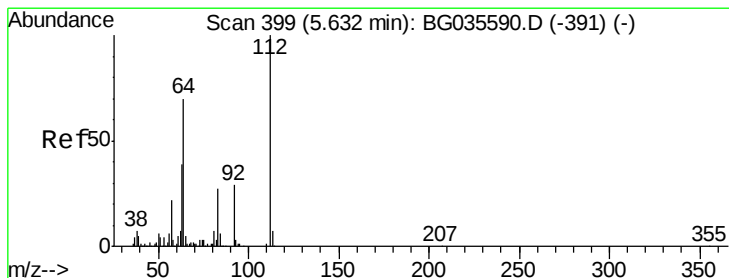
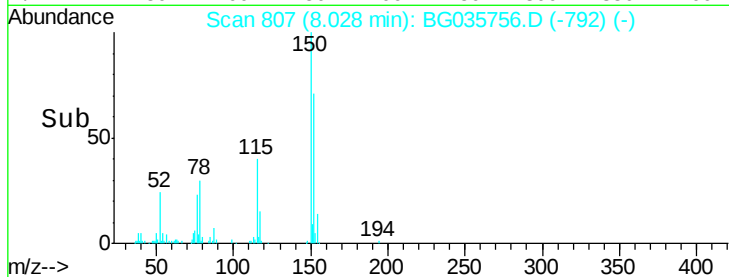
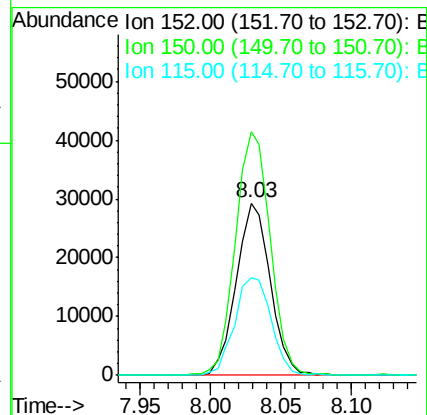
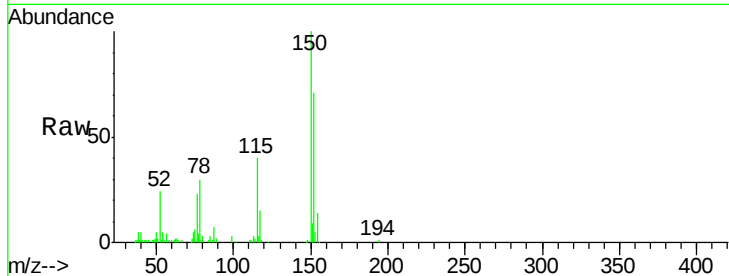


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

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

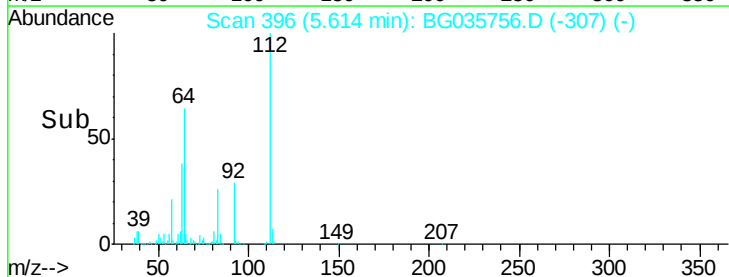
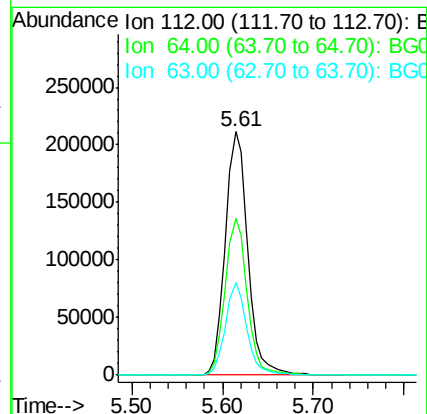
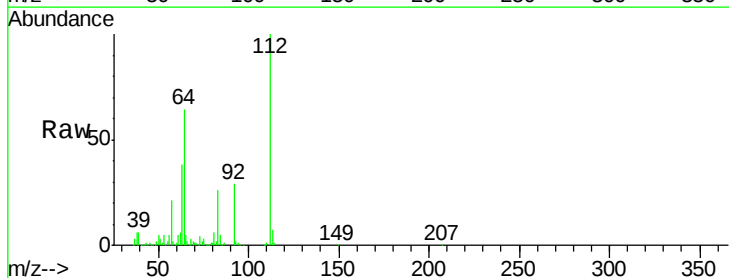
Tgt Ion:152 Resp: 49263
Ion Ratio Lower Upper
152 100
150 141.4 126.6 189.8
115 56.7 53.0 79.4

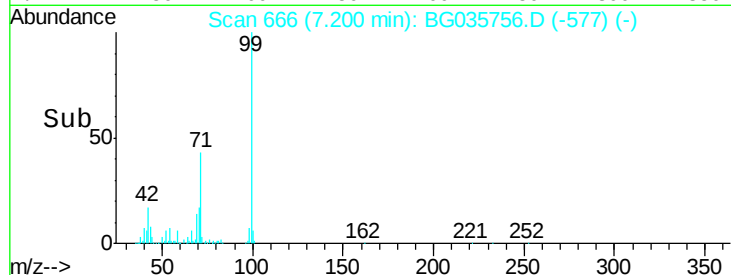
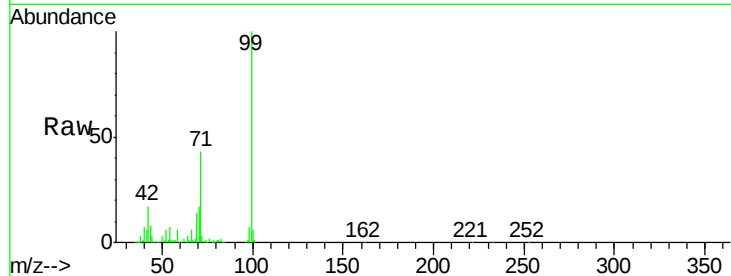


#5

2-Fluorophenol
Concen: 122.300 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Tgt Ion:112 Resp: 362892
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 38.3 30.1 45.1





#7

Phenol-d6

Concen: 102.985 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-B

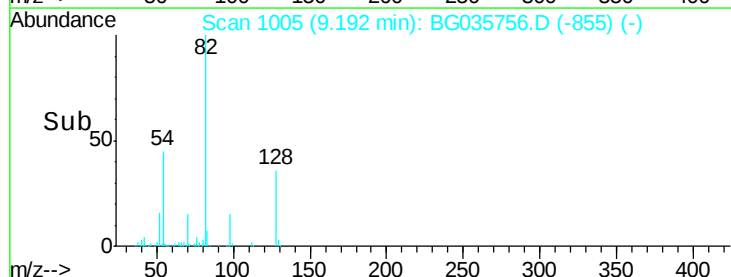
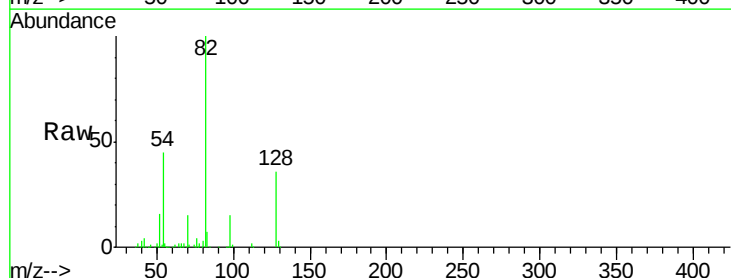
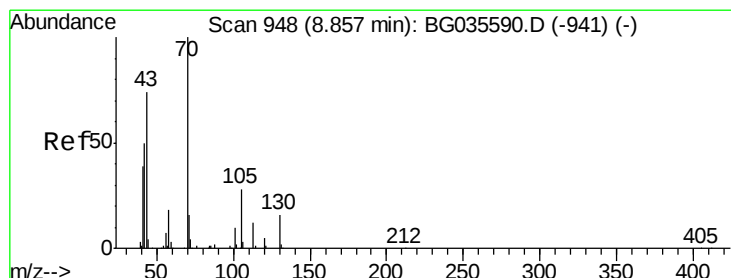
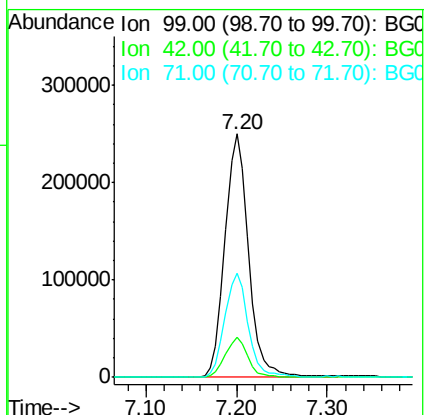
Tgt Ion: 99 Resp: 455920

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 42.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.071 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.35 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

Tgt Ion: 70 Resp: 52458

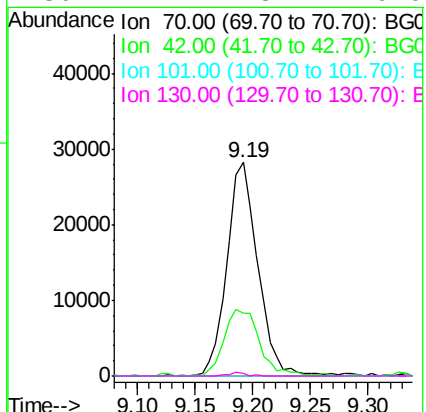
Ion Ratio Lower Upper

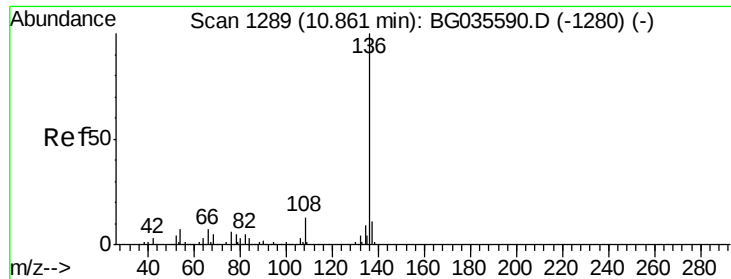
70 100

42 29.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

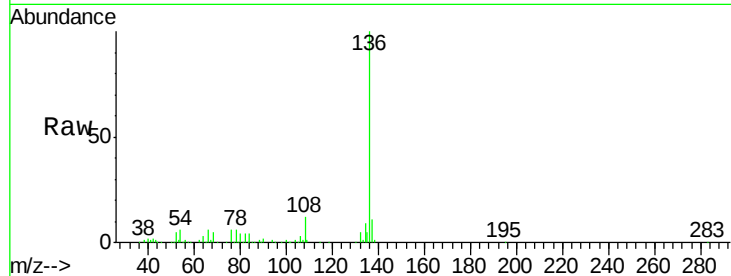




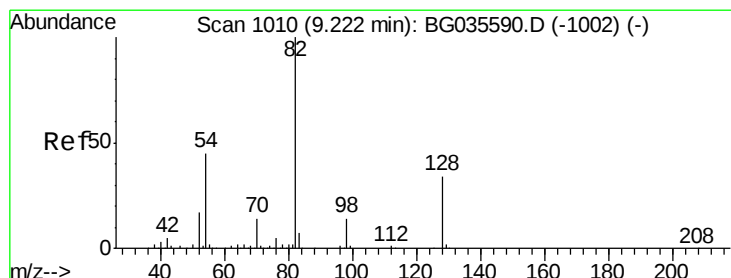
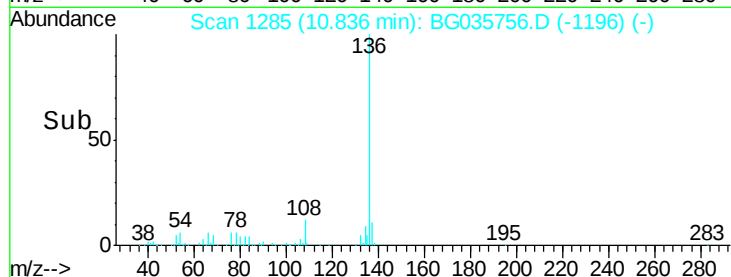
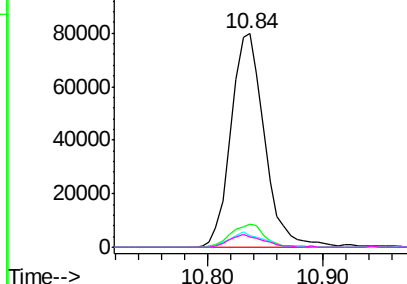
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

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

Tgt Ion:	136	Resp:	160667
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.5	10.3	15.5
68	5.0	4.5	6.7

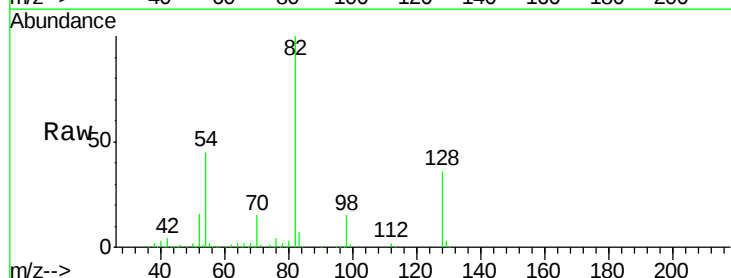


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

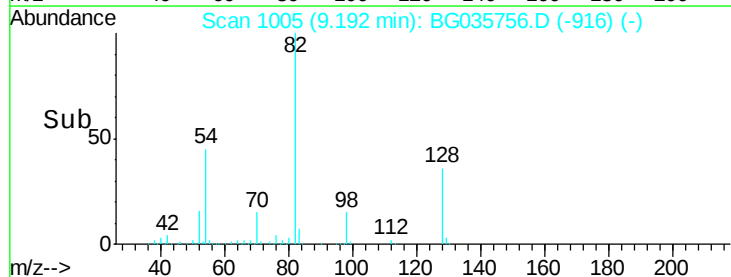
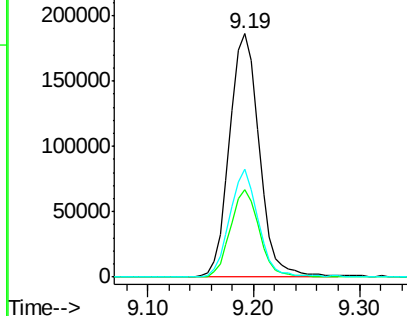


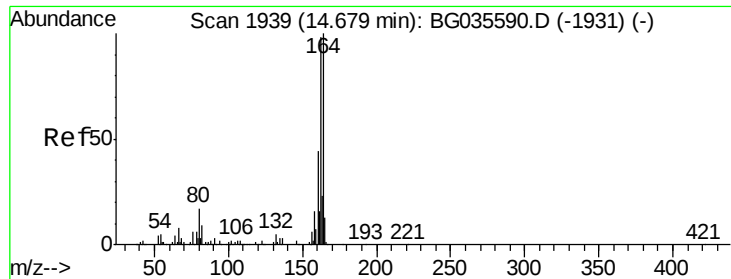
#23
Nitrobenzene-d5
Concen: 94.405 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Tgt Ion:	82	Resp:	363086
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	44.5	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# 1935

Delta R.T. -0.01 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-B

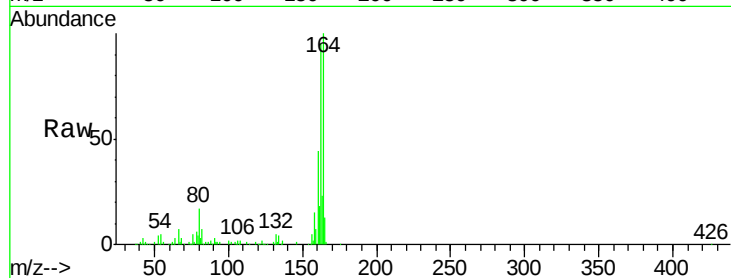
Tgt Ion:164 Resp: 109476

Ion Ratio Lower Upper

164 100

162 94.8 78.8 118.2

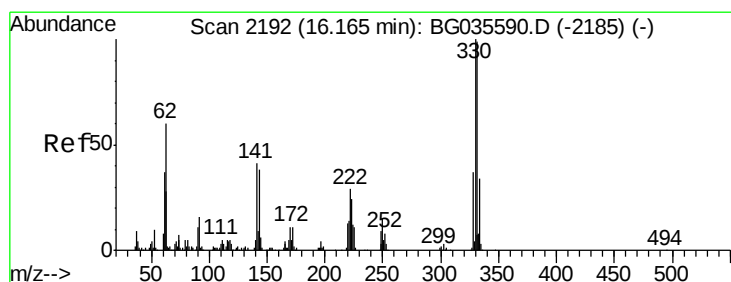
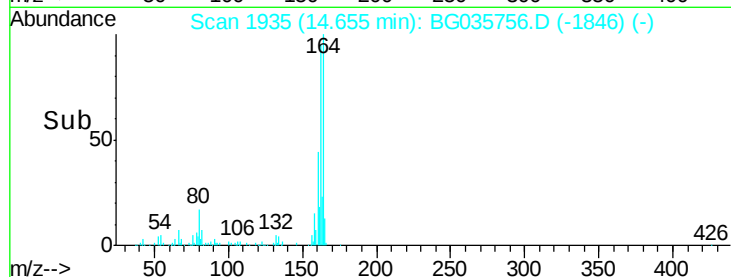
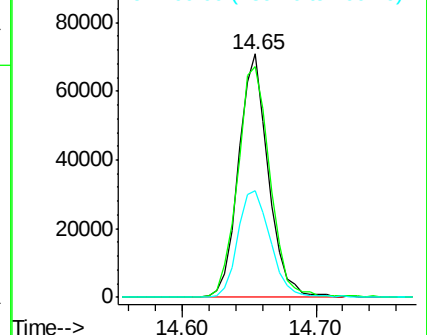
160 44.1 35.4 53.0



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: 166.748 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

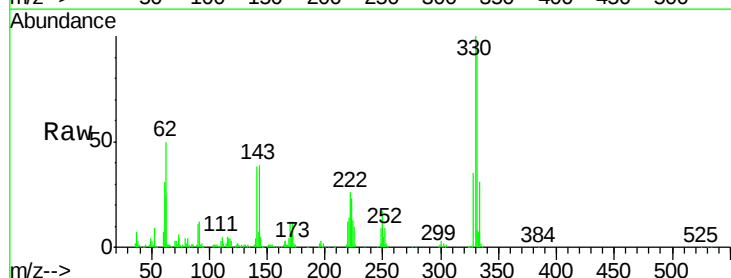
Tgt Ion:330 Resp: 240611

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

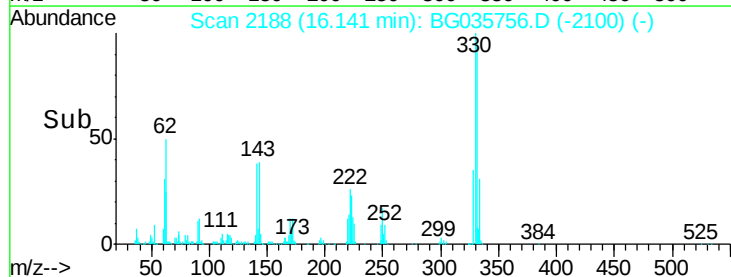
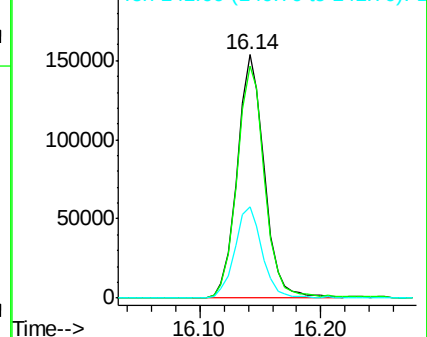
141 37.7 25.2 37.8

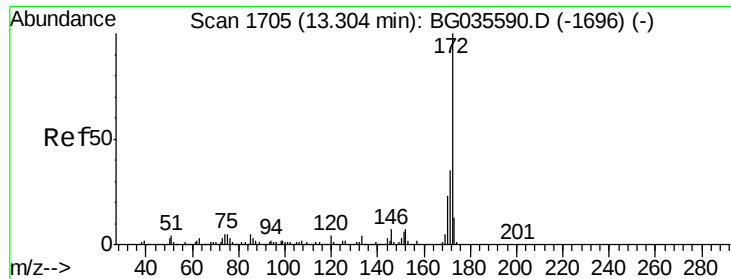


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

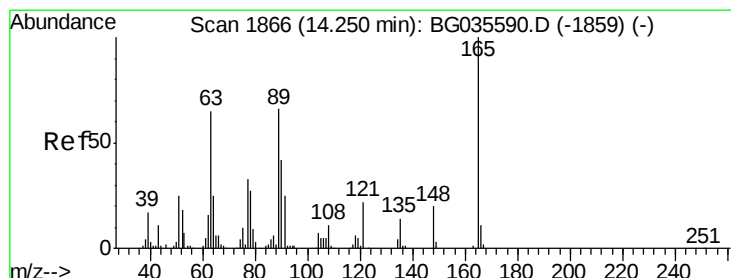
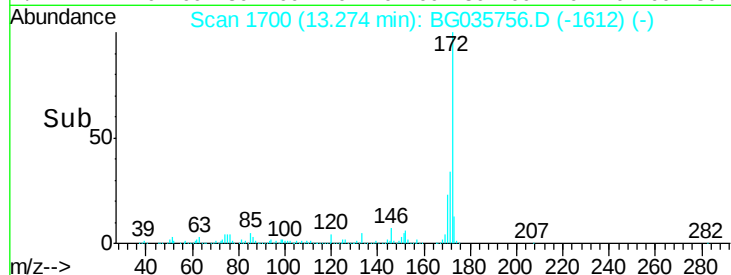
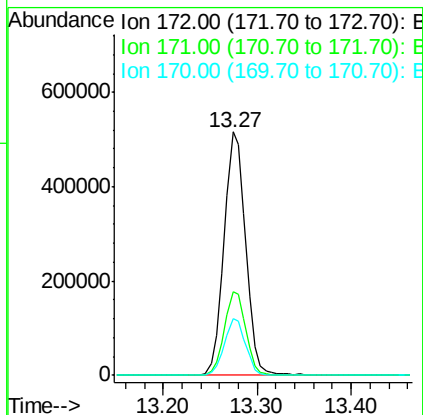
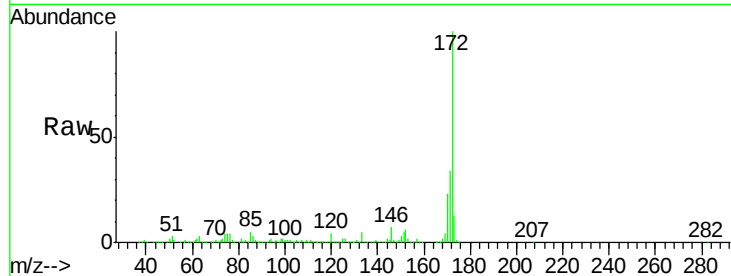




#44
 2-Fluorobiphenyl
 Concen: 101.313 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035756.D
 Acq: 19 Jul 2018 19:29

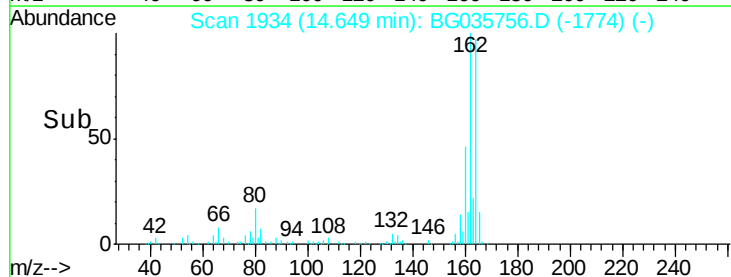
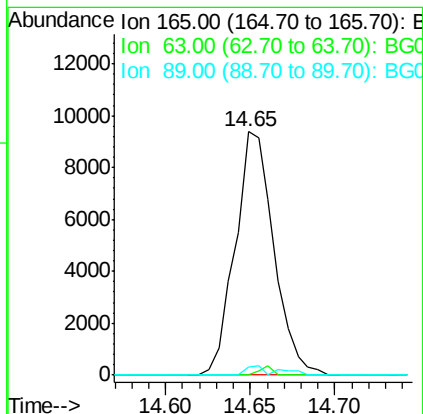
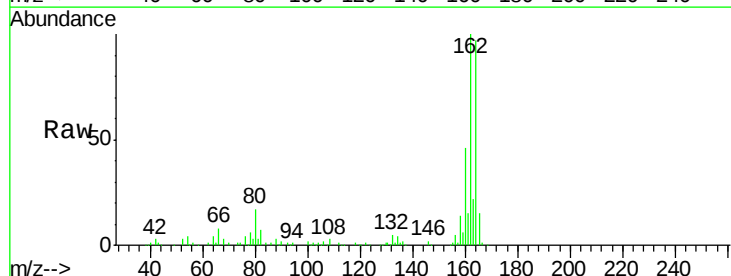
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 BNA_G
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 EO-02-071818-B

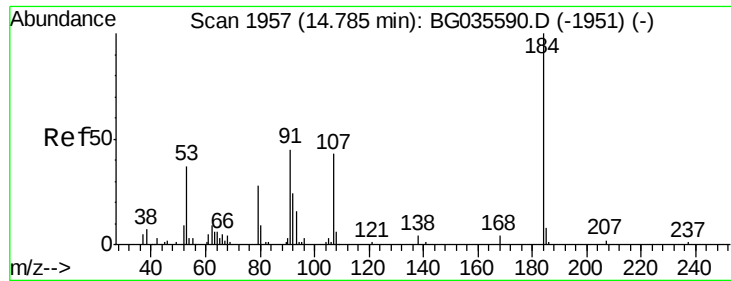
Tgt Ion:172 Resp: 827871
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.1 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.637 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.41 min
 Lab File: BG035756.D
 Acq: 19 Jul 2018 19:29

Tgt Ion:165 Resp: 14916
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.2 49.2 73.8#

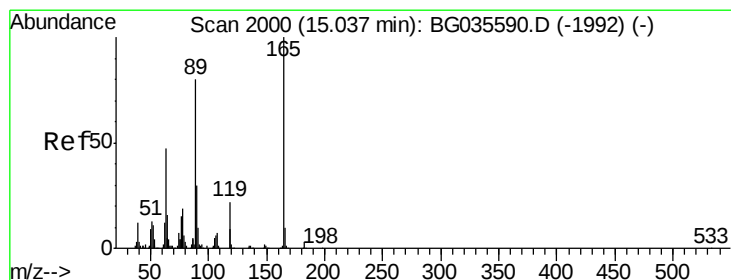
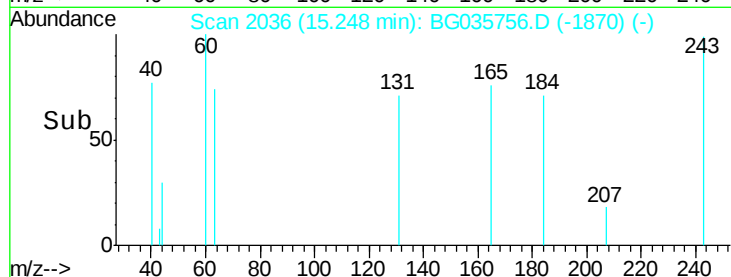
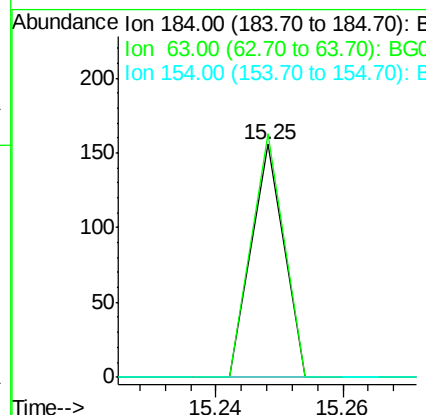
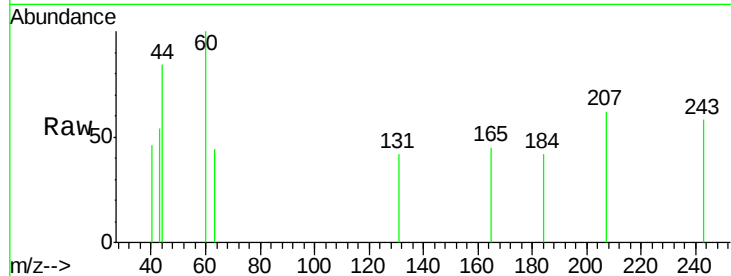




#53
2,4-Dinitrophenol
Concen: 6.632 ng
RT: 15.25 min Scan# 2036
Delta R.T. 0.45 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

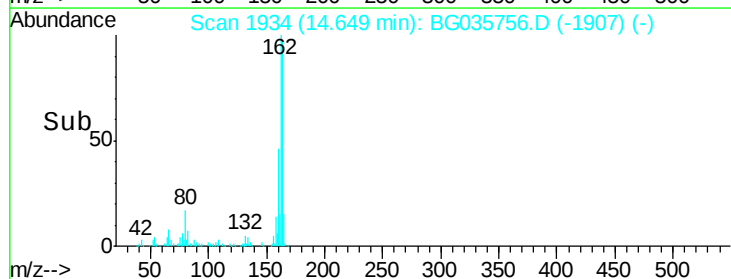
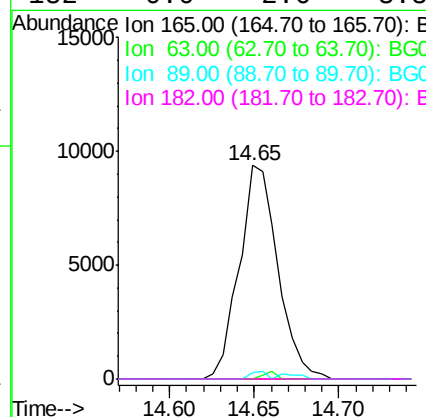
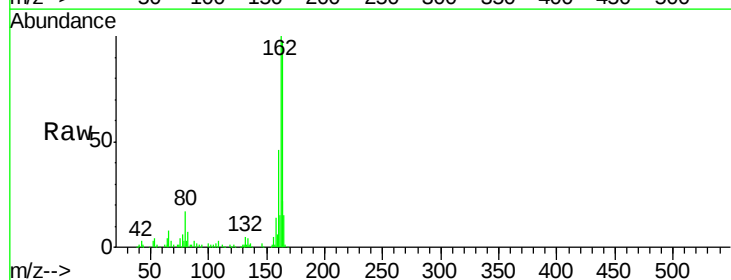
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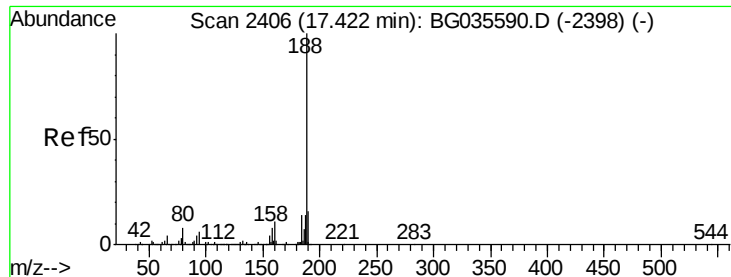
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 104.5 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.323 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Tgt Ion:165 Resp: 14916
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 3.2 66.9 100.3#
182 0.0 2.6 3.8#

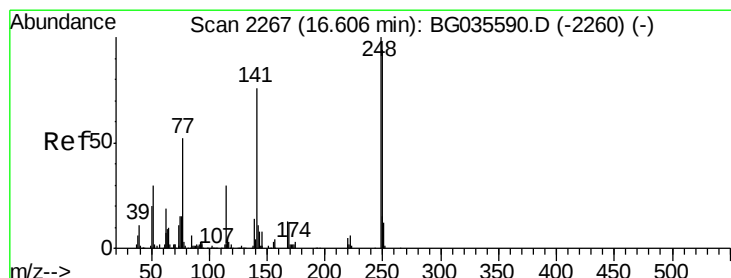
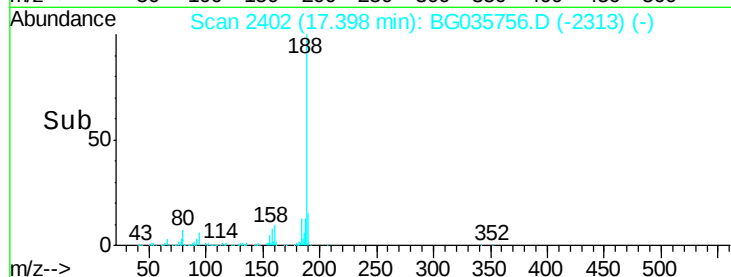
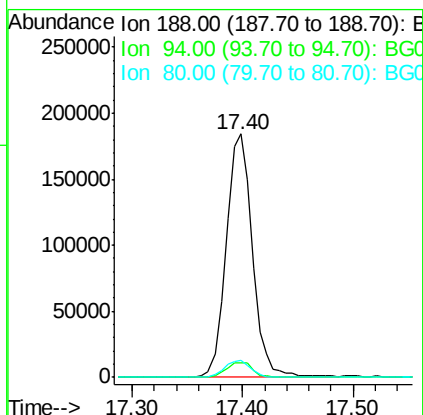
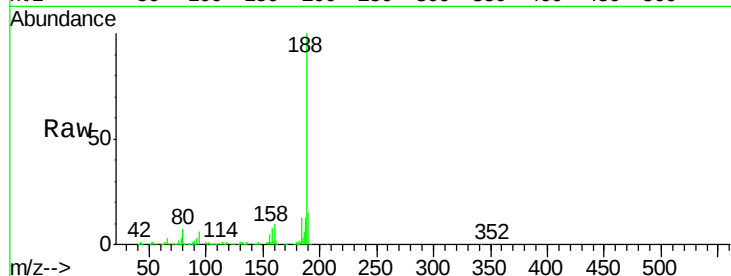




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

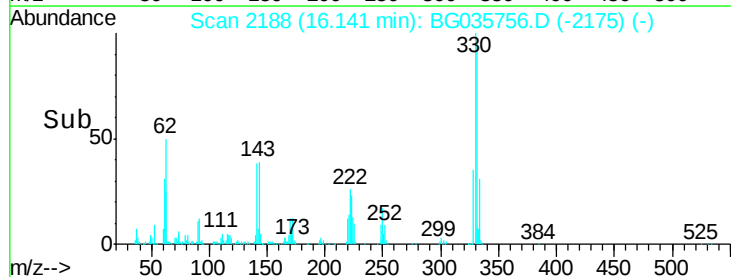
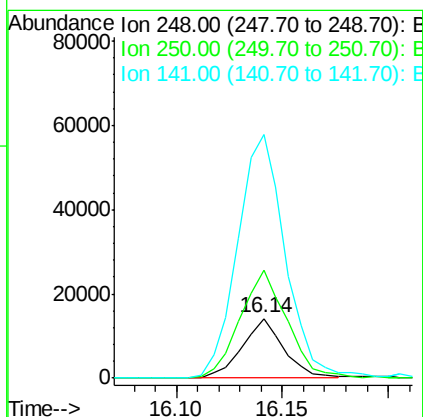
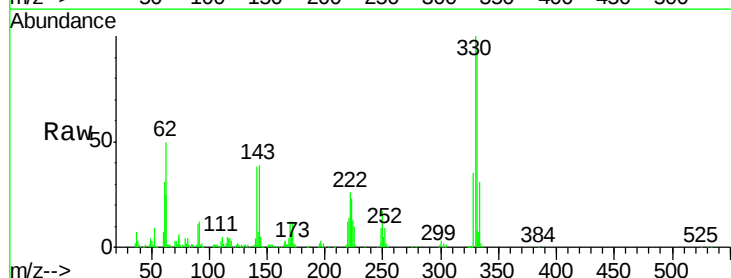
Instrument :
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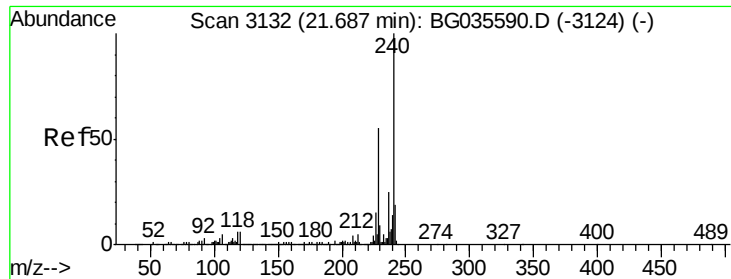
Tgt Ion:188 Resp: 307150
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.8 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.403 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Tgt Ion:248 Resp: 19254
Ion Ratio Lower Upper
248 100
250 182.5 77.1 115.7#
141 410.2 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: BG035756.D

Acq: 19 Jul 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-B

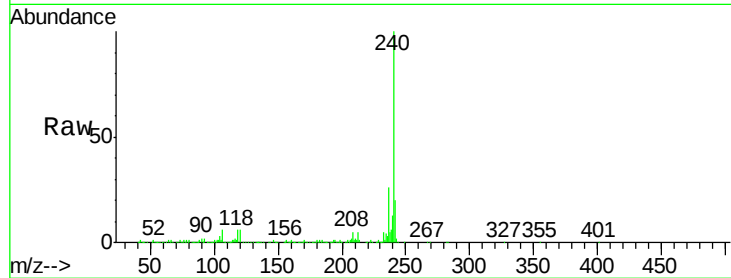
Tgt Ion:240 Resp: 370430

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

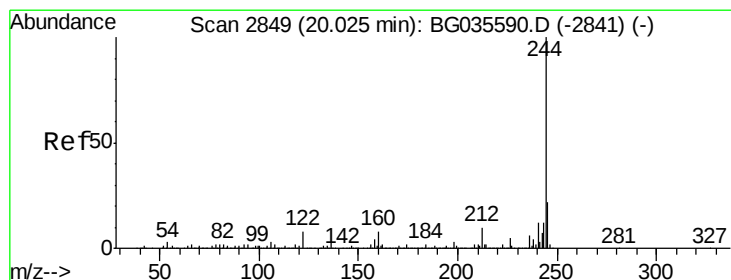
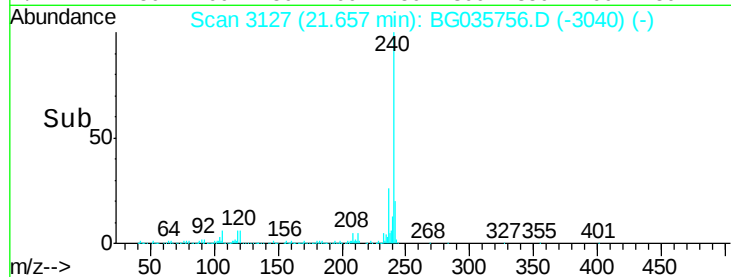
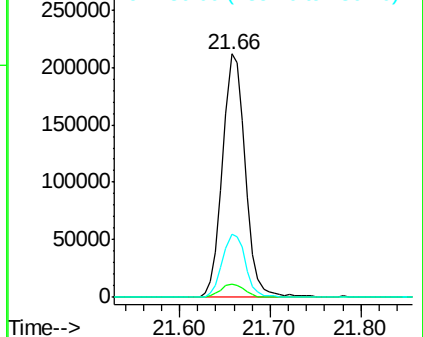
236 25.7 20.9 31.3



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: 99.844 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

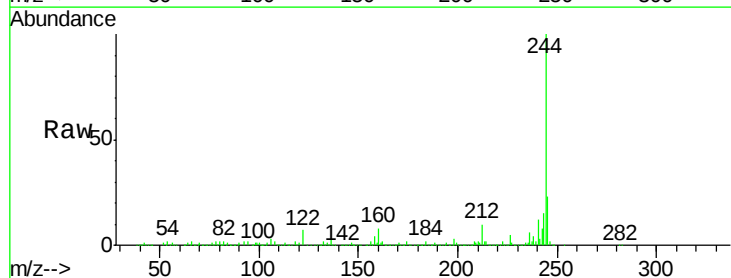
Tgt Ion:244 Resp: 1677865

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

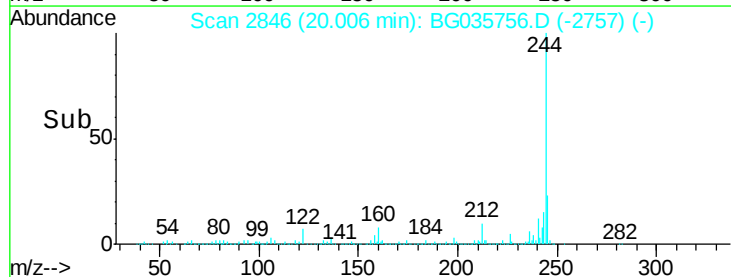
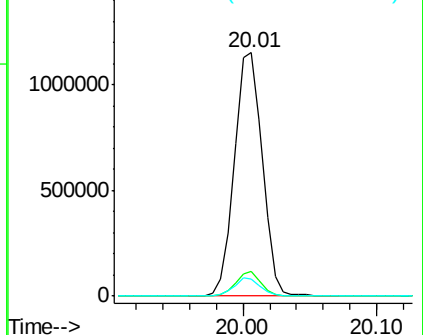
122 7.1 7.0 10.4

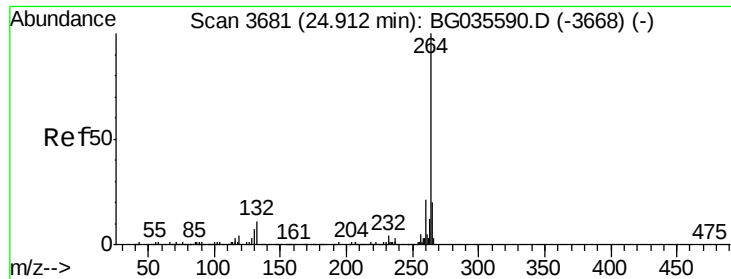


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG035756.D
Acq: 19 Jul 2018 19:29

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.6	17.7	26.5

