

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037061.D
 Acq On : 28 Sep 2018 22:18
 Operator : JU/SJ
 Sample : J4776-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-092718-C

Quant Time: Sep 29 06:13:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

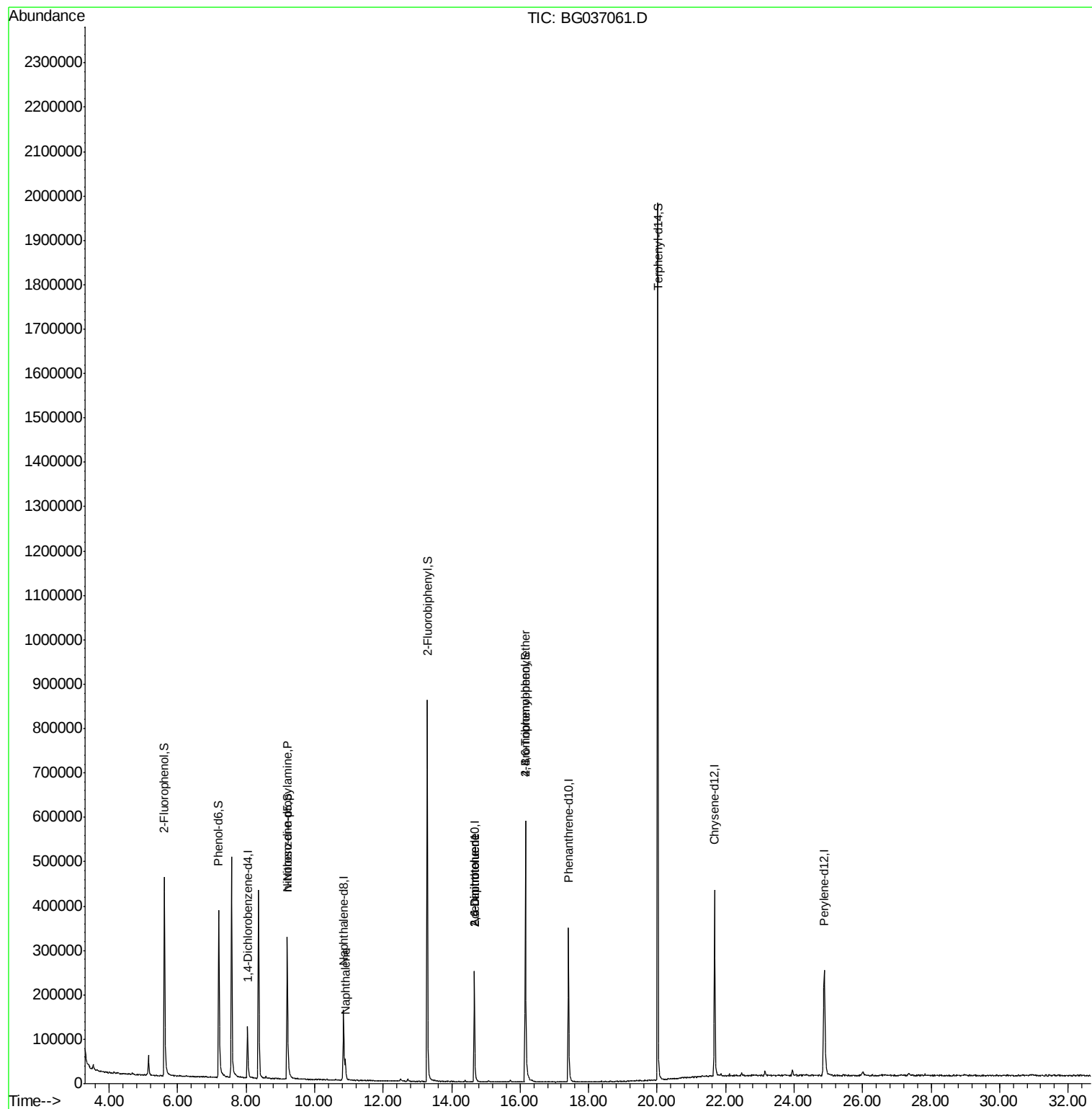
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38158	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	156251	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	93189	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	252387	20.00	ng	0.00
75) Chrysene-d12	21.68	240	289606	20.00	ng	-0.01
86) Perylene-d12	24.88	264	283142	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219599	110.37	ng	0.00
7) Phenol-d6	7.20	99	252934	82.16	ng	-0.01
23) Nitrobenzene-d5	9.20	82	239646	82.13	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	126163	113.16	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	490825	78.45	ng	-0.01
78) Terphenyl-d14	20.02	244	977528	88.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	31880	12.449	ng	Qvalue # 75
31) Naphthalene	10.89	128	40870	5.497	ng	# 96
50) 2,6-Dinitrotoluene	14.67	165	11570	7.070	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	11570	5.066	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	8843	3.080	ng	# 1

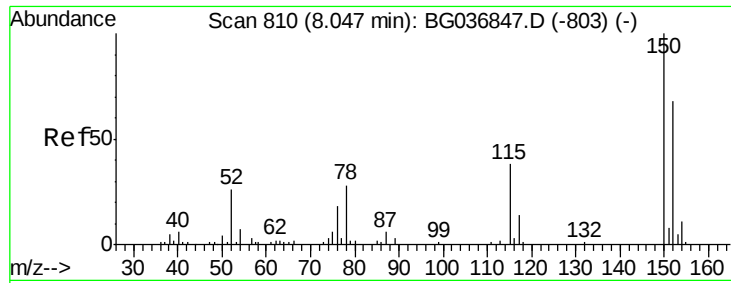
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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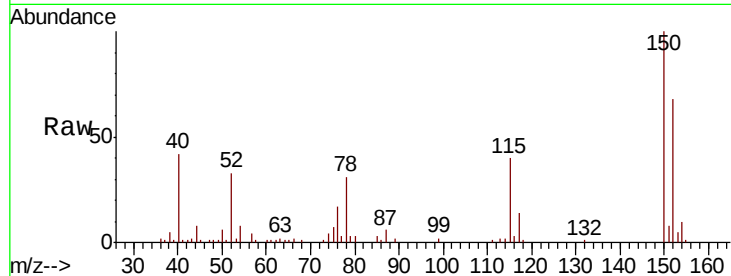




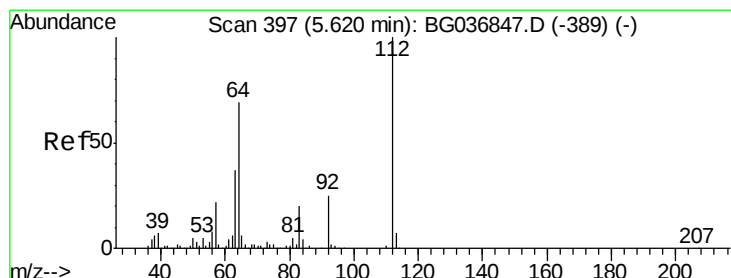
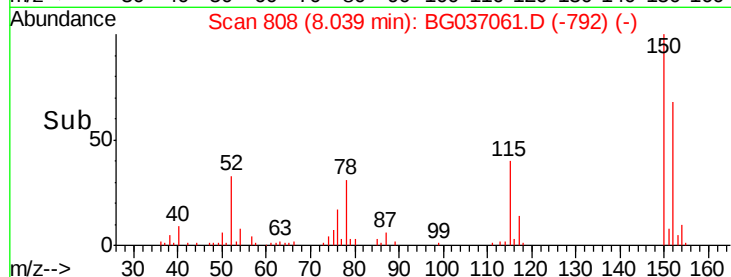
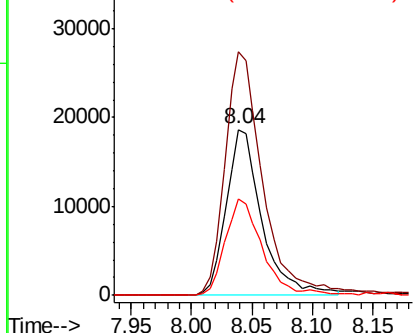
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG037061.D
 Acq: 28 Sep 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-092718-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	58.4	44.5	66.7

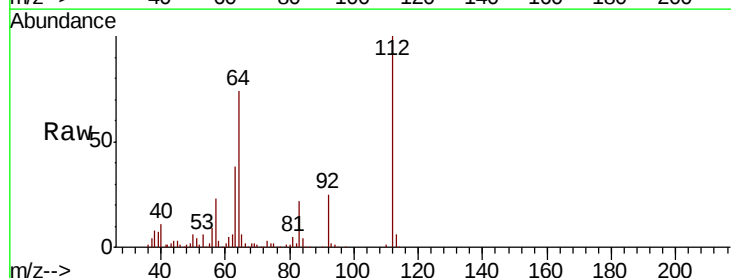


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

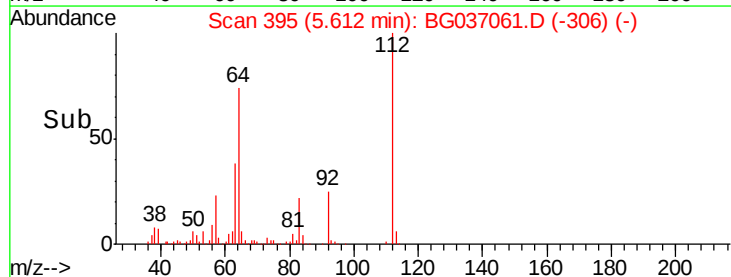
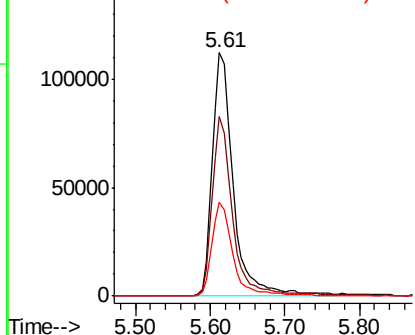


#5
 2-Fluorophenol
 Concen: 110.368 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG037061.D
 Acq: 28 Sep 2018 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.2	85.8
63	38.5	30.8	46.2



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: 82.164 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037061.D

Acq: 28 Sep 2018 22:18

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-C

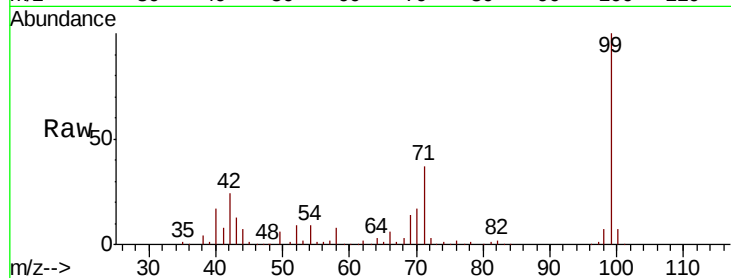
Tgt Ion: 99 Resp: 252934

Ion Ratio Lower Upper

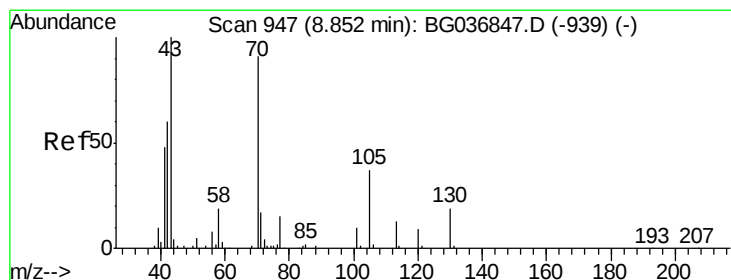
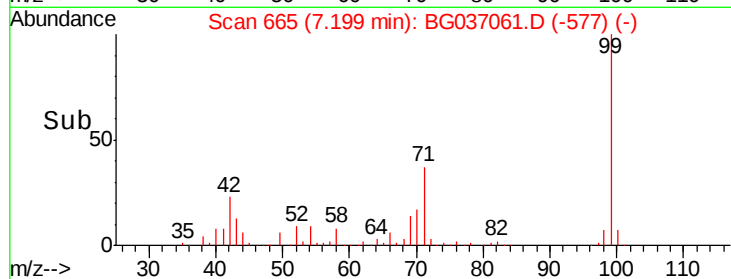
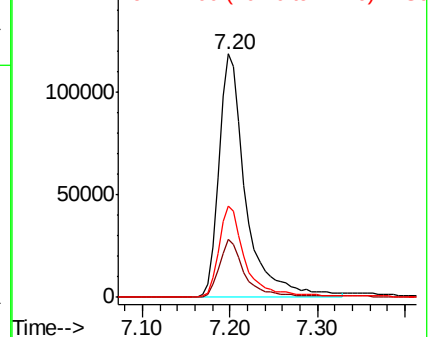
99 100

42 23.6 16.5 24.7

71 37.4 29.4 44.2



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: 12.449 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037061.D

Acq: 28 Sep 2018 22:18

Tgt Ion: 70 Resp: 31880

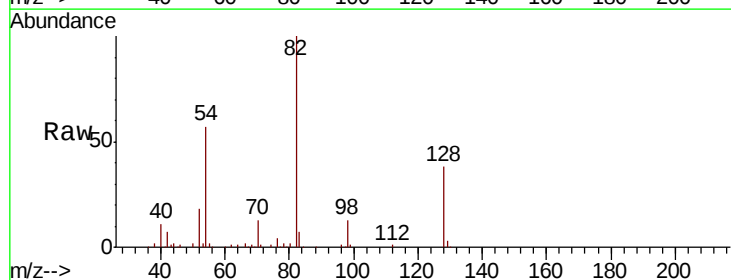
Ion Ratio Lower Upper

70 100

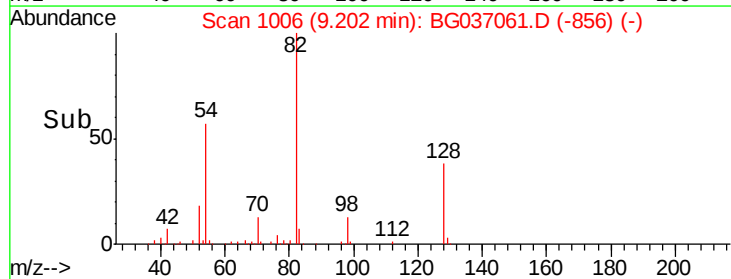
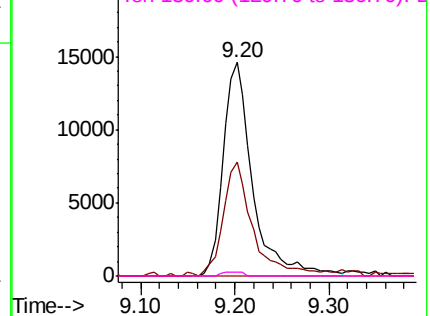
42 53.5 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 16.2 24.2#



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

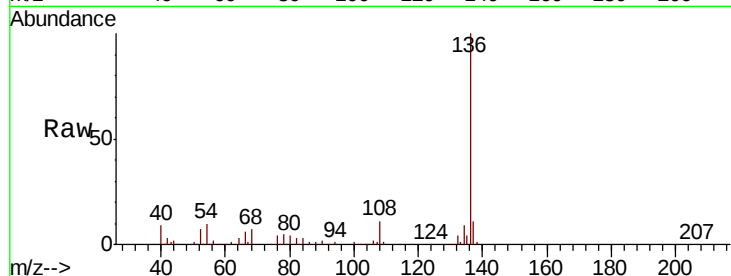




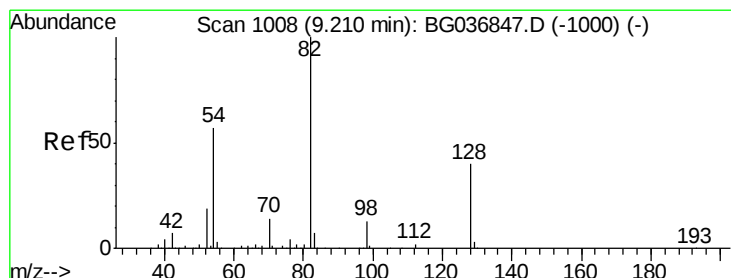
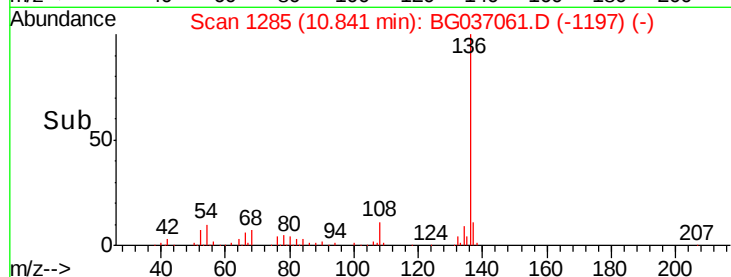
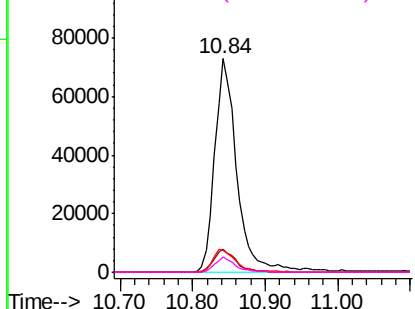
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

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ClientSampleId :
EO-01-092718-C

Tgt Ion:	136	Resp:	156251
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	9.2	13.8
68	7.2	5.8	8.6

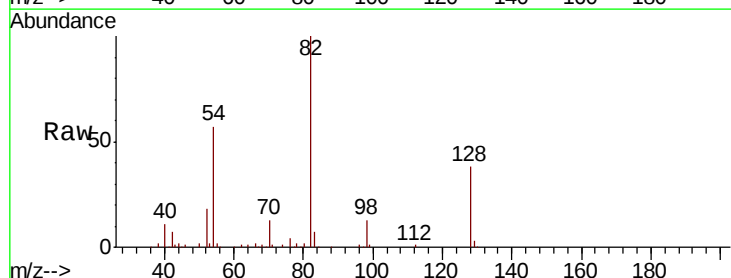


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

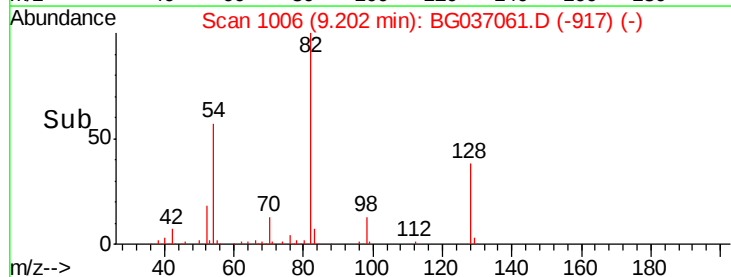
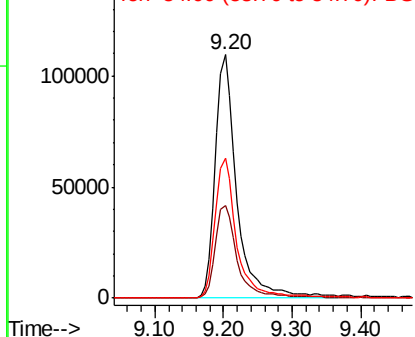


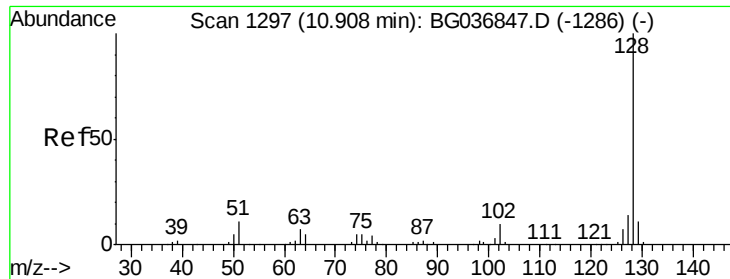
#23
Nitrobenzene-d5
Concen: 82.133 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

Tgt Ion:	82	Resp:	239646
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.3	49.9
54	57.4	45.1	67.7



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

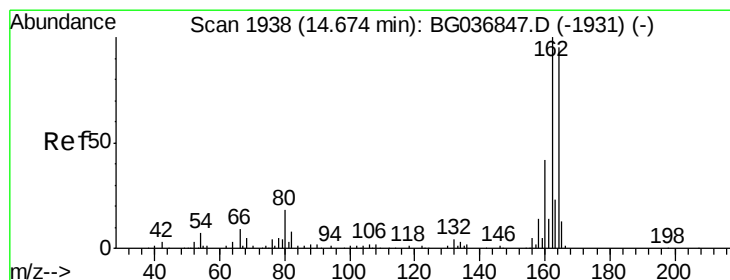
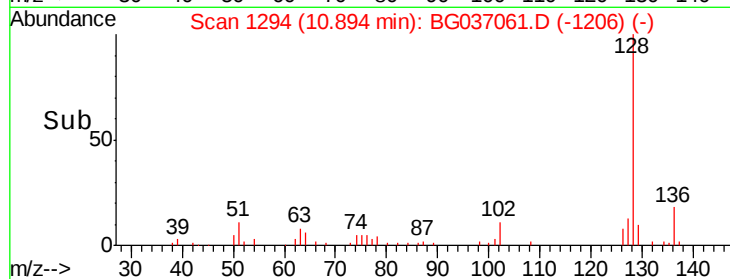
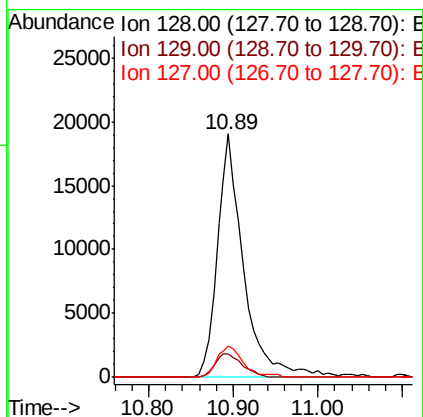
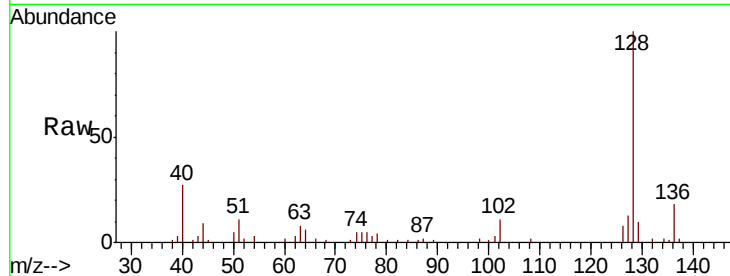




#31
Naphthalene
Concen: 5.497 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

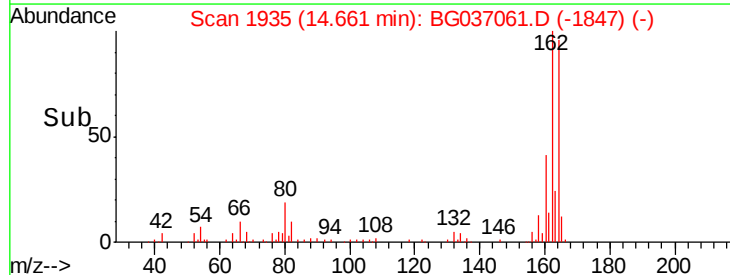
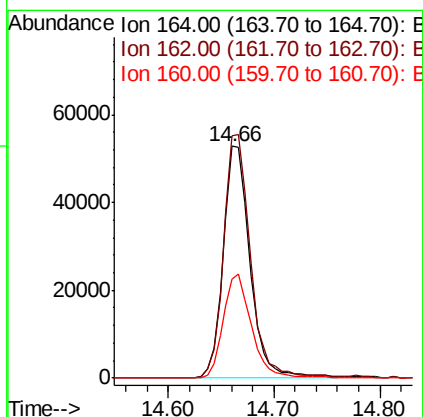
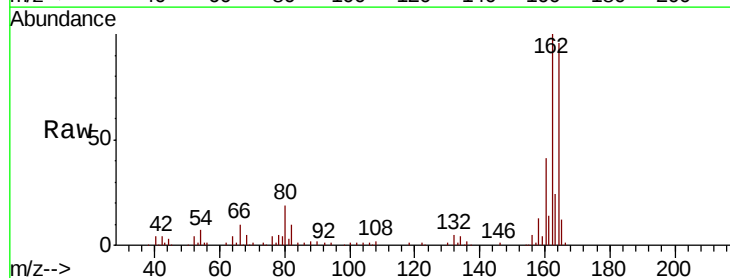
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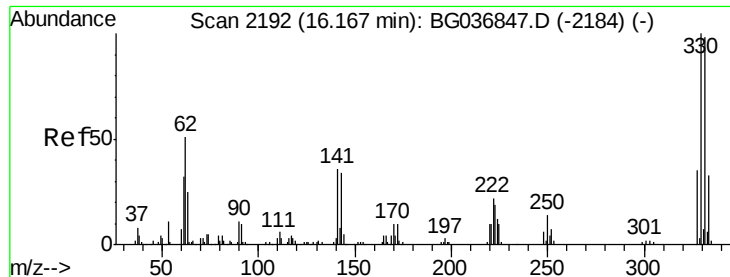
Tgt Ion:128 Resp: 40870
Ion Ratio Lower Upper
128 100
129 9.6 9.4 14.2
127 12.9 11.0 16.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

Tgt Ion:164 Resp: 93189
Ion Ratio Lower Upper
164 100
162 104.5 80.7 121.1
160 42.7 35.3 52.9

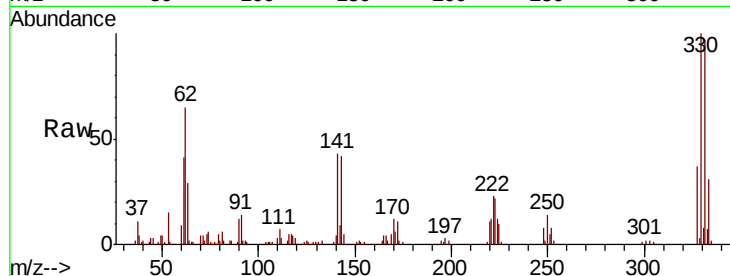




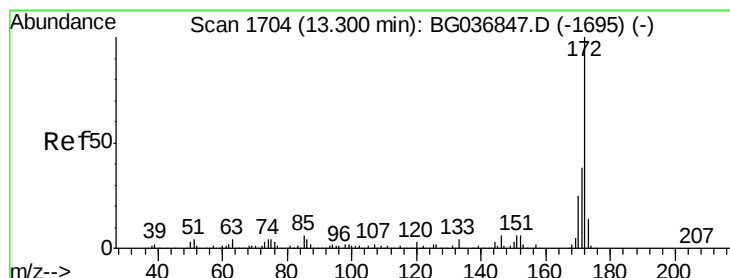
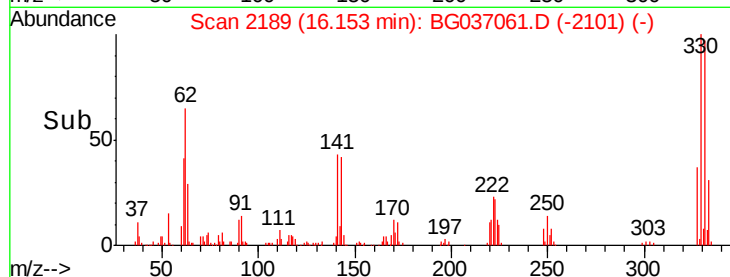
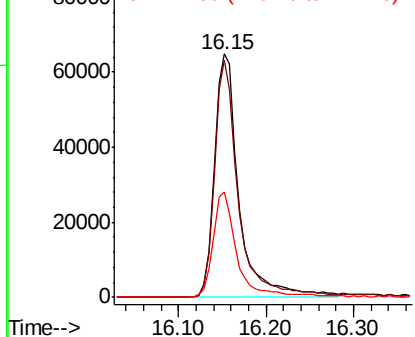
#41
 2,4,6-Tribromophenol
 Concen: 113.156 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG037061.D
 Acq: 28 Sep 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-092718-C

Tgt Ion:330 Resp: 126163
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.2
 141 41.2 30.7 46.1

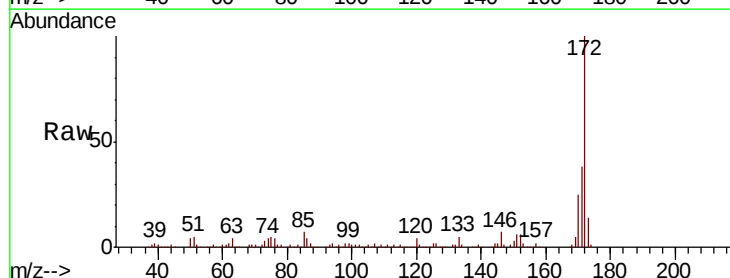


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

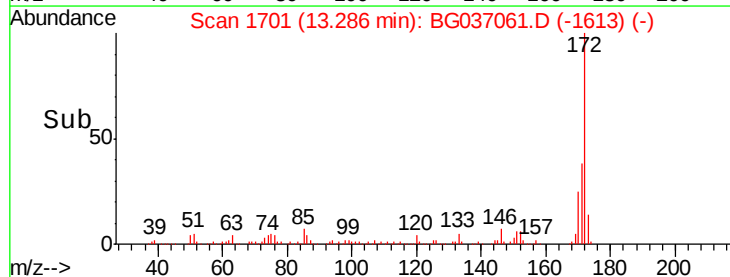
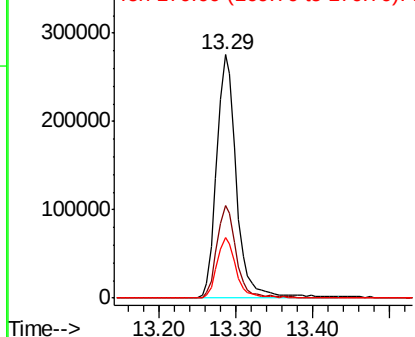


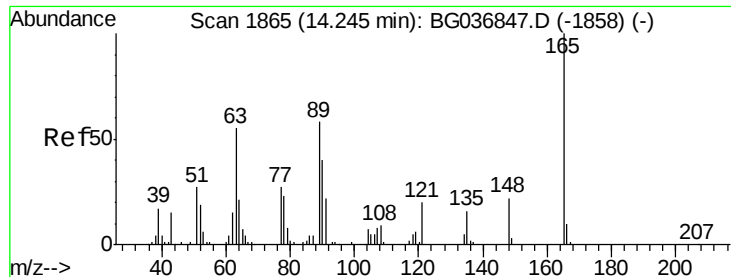
#44
 2-Fluorobiphenyl
 Concen: 78.446 ng
 RT: 13.29 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG037061.D
 Acq: 28 Sep 2018 22:18

Tgt Ion:172 Resp: 490825
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.1 21.0 31.6



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

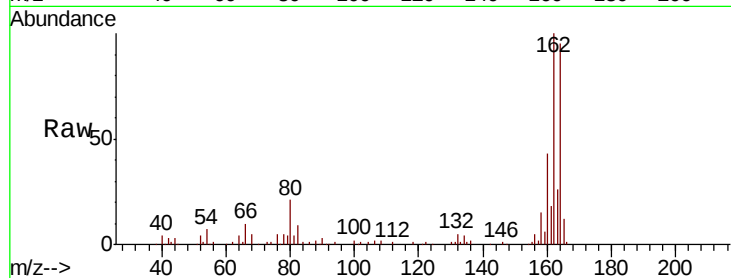




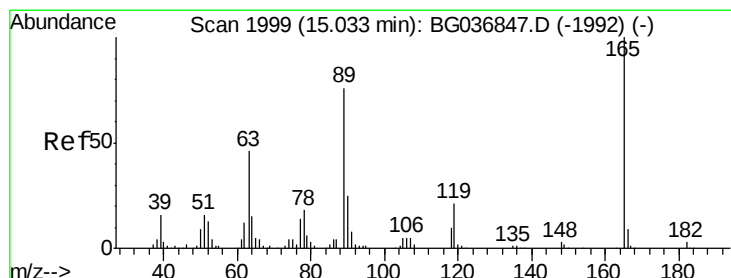
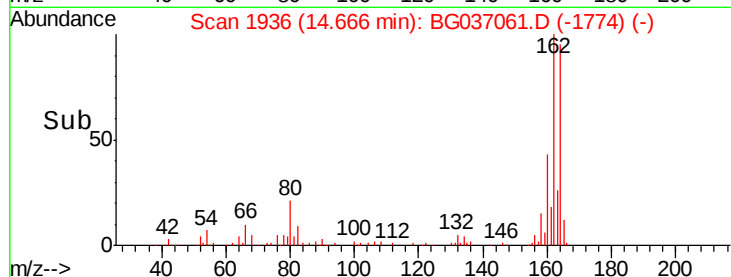
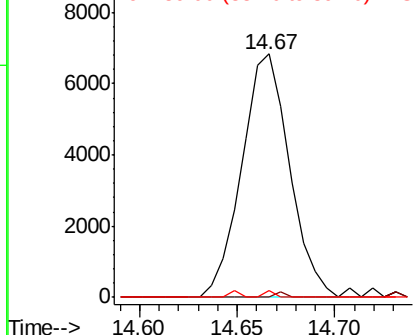
#50
2,6-Dinitrotoluene
Concen: 7.070 ng
RT: 14.67 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

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ClientSampleId :
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Tgt Ion:165 Resp: 11570
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 2.5 47.8 71.6#

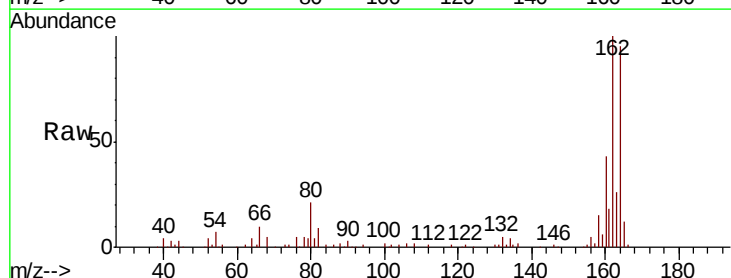


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

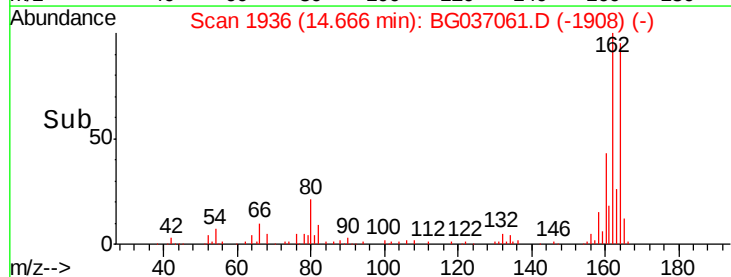
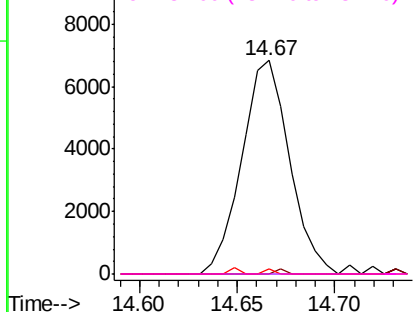


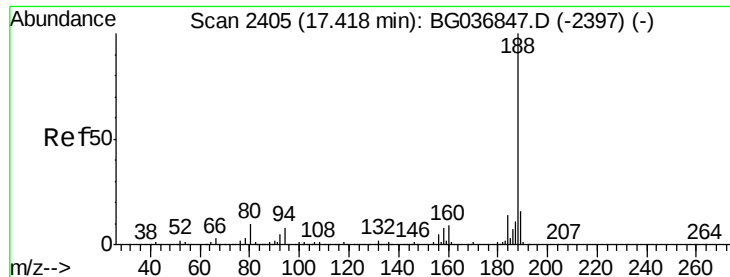
#56
2,4-Dinitrotoluene
Concen: 5.066 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

Tgt Ion:165 Resp: 11570
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 2.5 63.7 95.5#
182 0.0 2.5 3.7#



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
Ion 182.00 (181.70 to 182.70): E

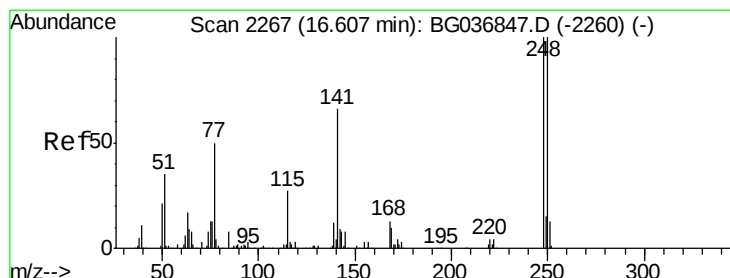
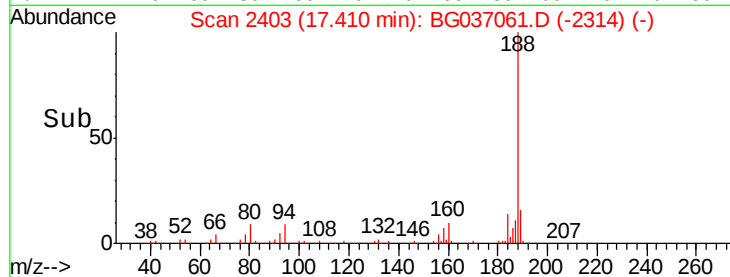
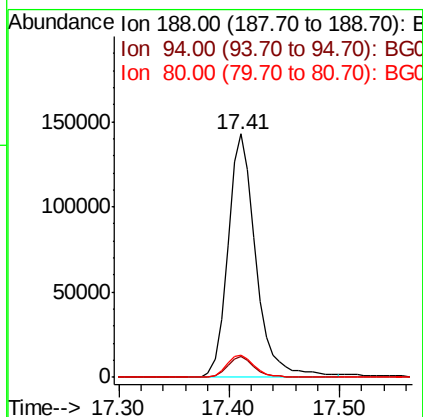
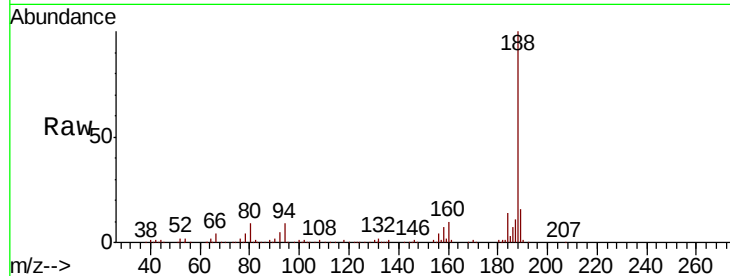




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

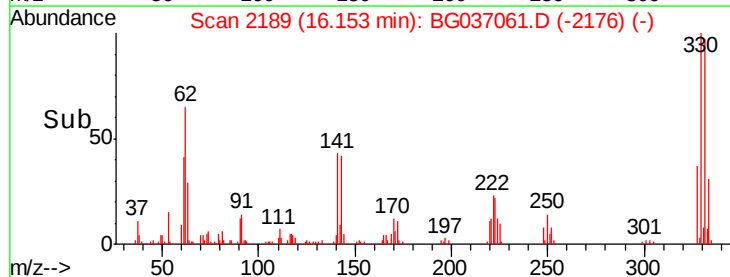
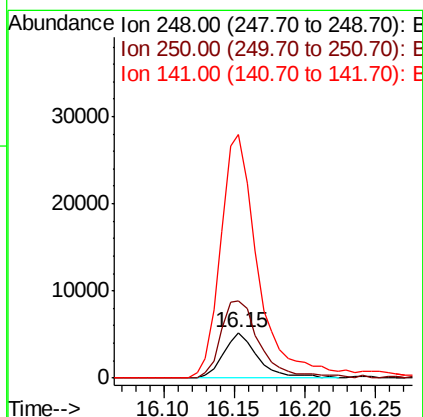
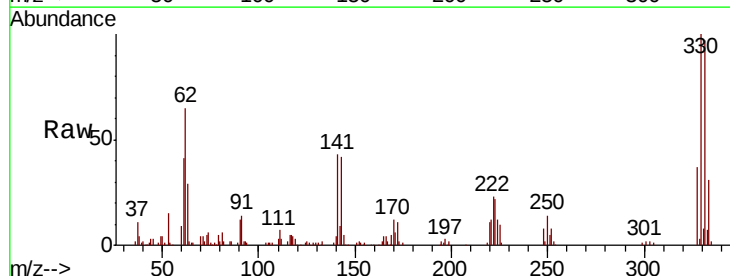
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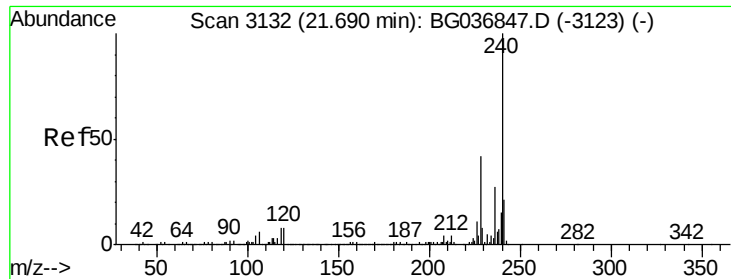
Tgt Ion:188 Resp: 252387
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.2 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.080 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.45 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

Tgt Ion:248 Resp: 8843
Ion Ratio Lower Upper
248 100
250 169.6 78.1 117.1#
141 532.2 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG037061.D

Acq: 28 Sep 2018 22:18

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-C

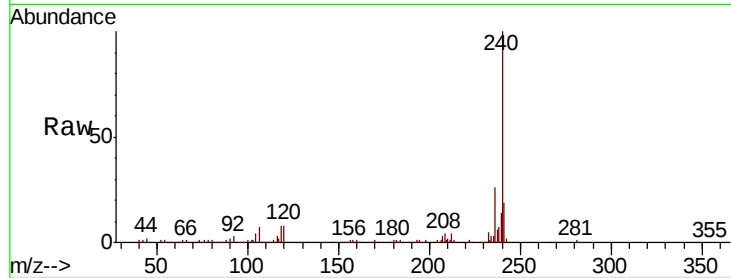
Tgt Ion:240 Resp: 289606

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

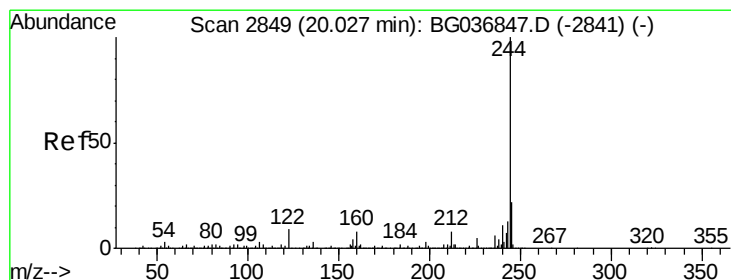
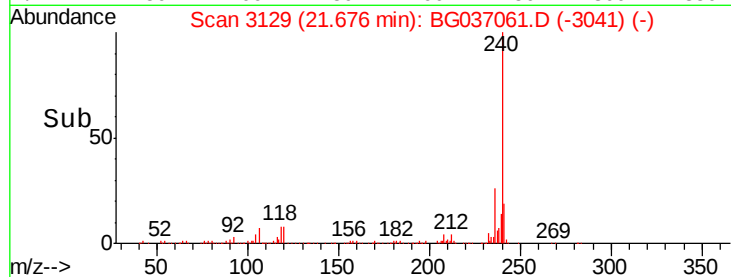
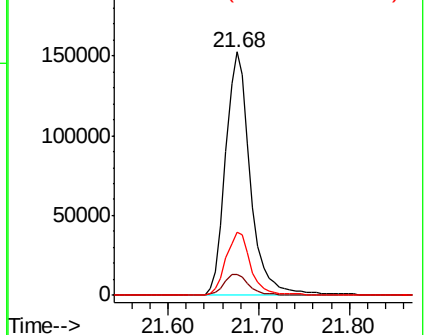
236 26.0 21.2 31.8



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: 88.755 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037061.D

Acq: 28 Sep 2018 22:18

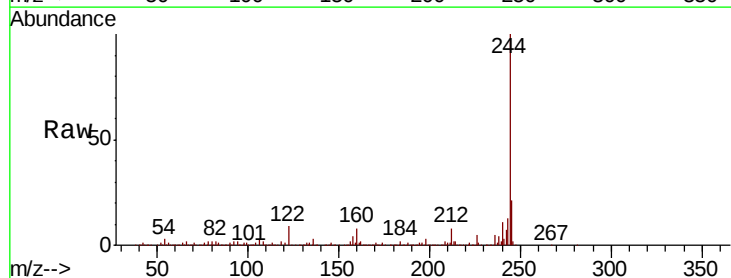
Tgt Ion:244 Resp: 977528

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

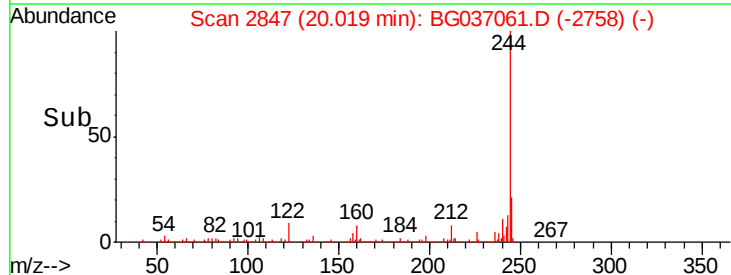
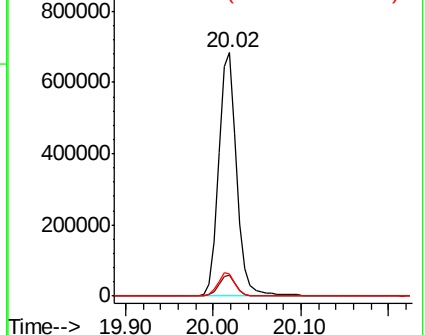
122 8.9 7.1 10.7

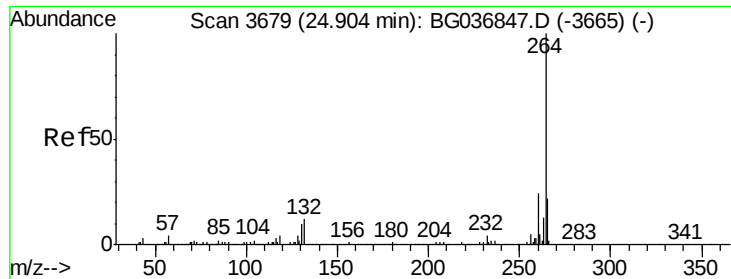


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037061.D
Acq: 28 Sep 2018 22:18

Instrument :
BNA_G
ClientSampleId :
EO-01-092718-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.3	17.4	26.0

