

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037232.D
 Acq On : 10 Oct 2018 00:41
 Operator : JU/SJ
 Sample : J5201-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-100818-A

Quant Time: Oct 10 07:06:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	44158	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	166862	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	107203	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	281941	20.00	ng	0.00
75) Chrysene-d12	21.58	240	317078	20.00	ng	0.00
86) Perylene-d12	24.70	264	316407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	274318	119.14	ng	0.00
7) Phenol-d6	7.11	99	336417	94.43	ng	0.00
23) Nitrobenzene-d5	9.11	82	277844	89.17	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	171147	133.44	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	597261	82.98	ng	0.00
78) Terphenyl-d14	19.95	244	1154904	95.77	ng	0.00

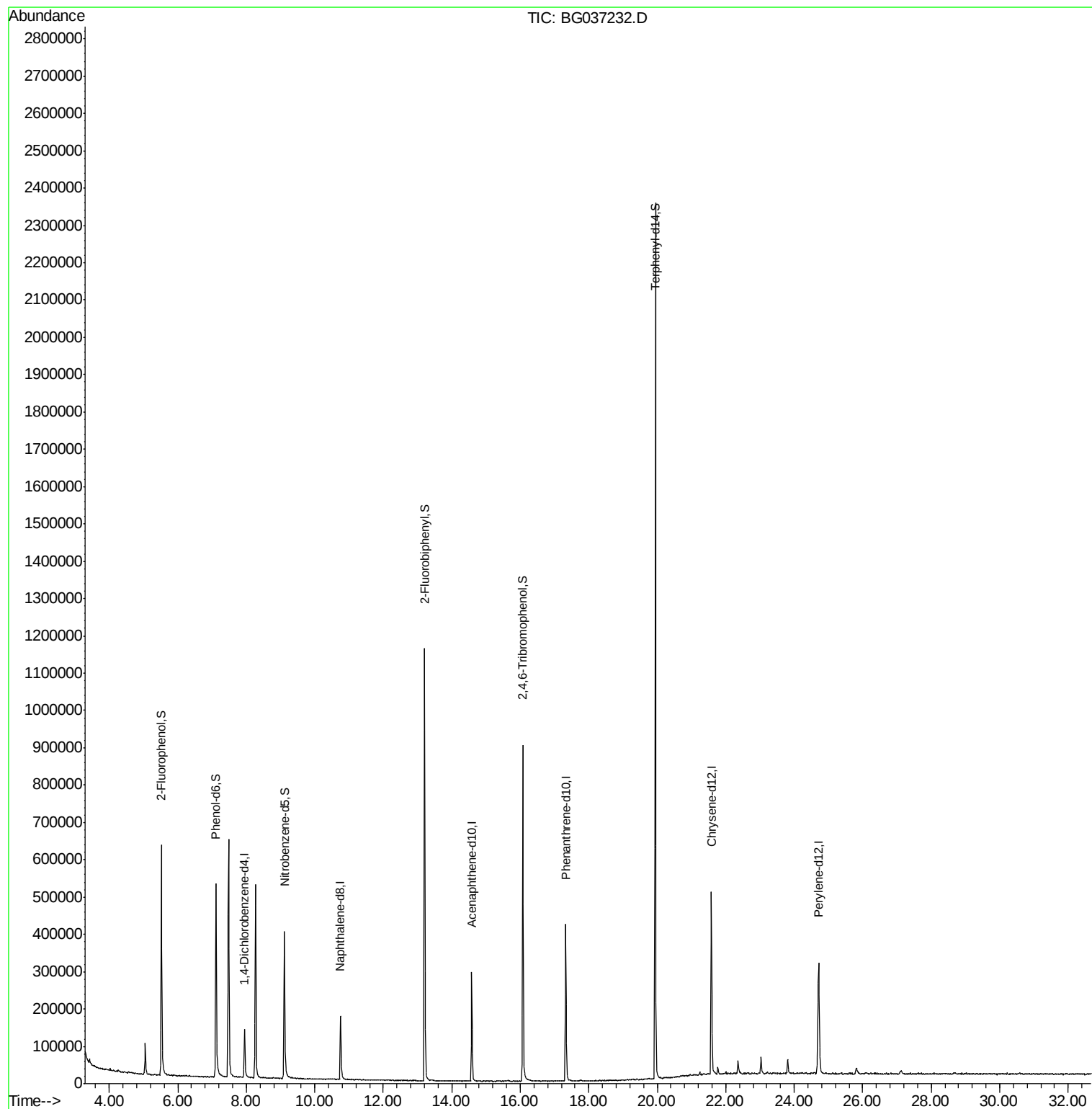
Target Compounds	Qvalue
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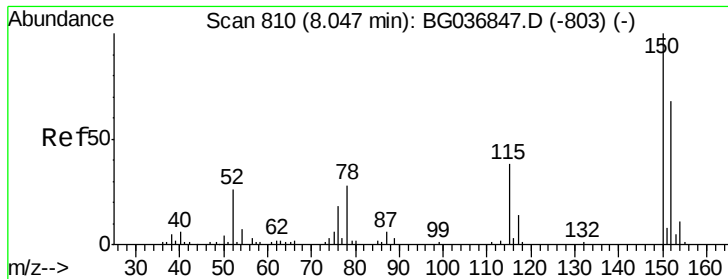
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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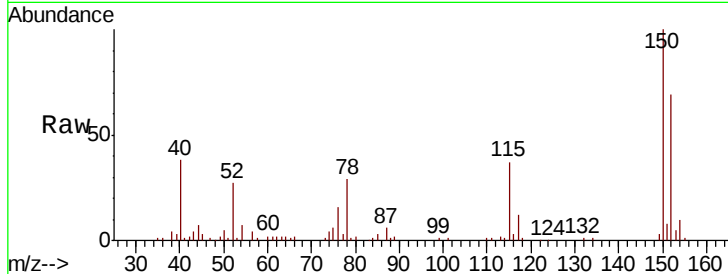


#1

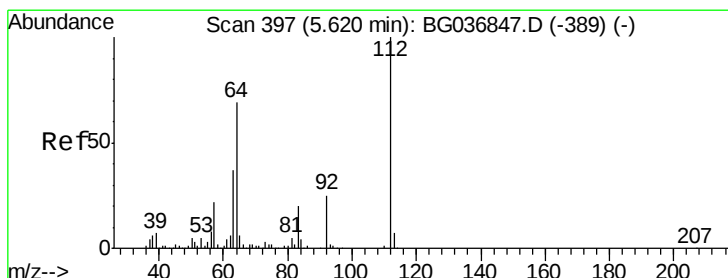
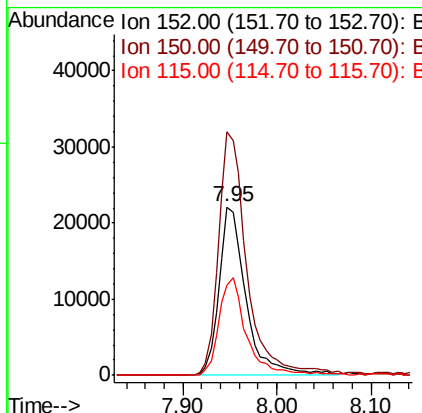
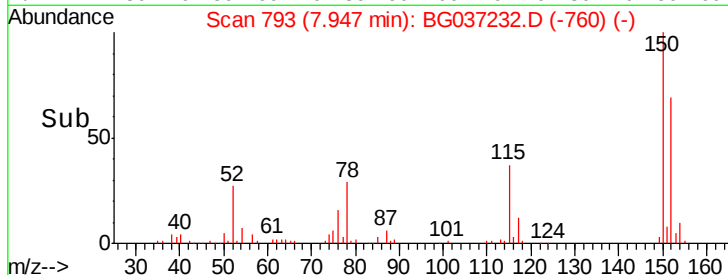
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG037232.D
Acq: 10 Oct 2018 00:41

Instrument :
BNA_G
ClientSampleId :
EO-02-100818-A

Tgt Ion:152 Resp: 44158
Ion Ratio Lower Upper
152 100
150 144.6 119.5 179.3
115 53.7 44.5 66.7



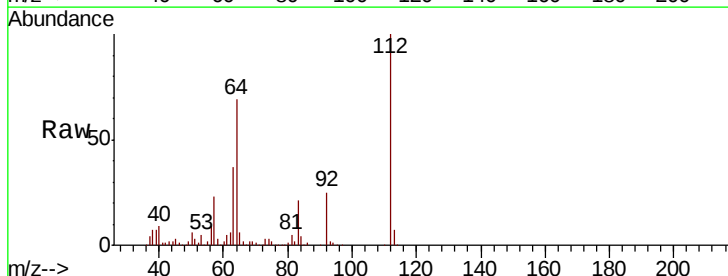
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



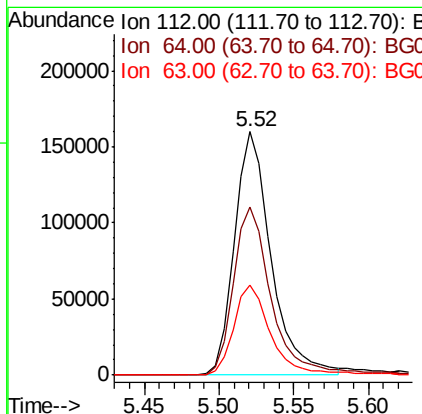
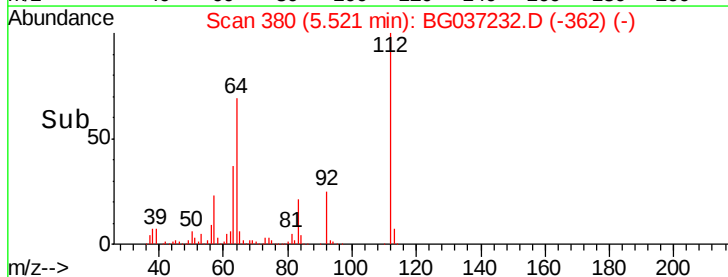
#5

2-Fluorophenol
Concen: 119.136 ng
RT: 5.52 min Scan# 380
Delta R.T. 0.01 min
Lab File: BG037232.D
Acq: 10 Oct 2018 00:41

Tgt Ion:112 Resp: 274318
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 36.9 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: 94.434 ng

RT: 7.11 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG037232.D

Acq: 10 Oct 2018 00:41

Instrument :

BNA_G

ClientSampleId :

EO-02-100818-A

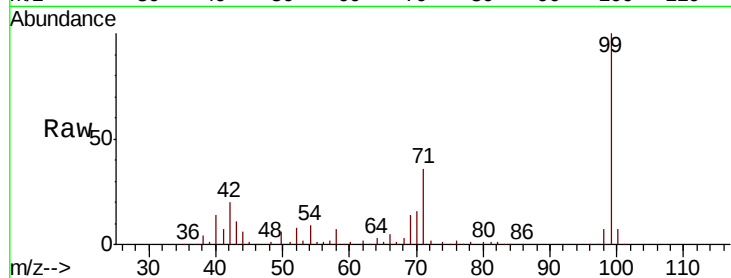
Tgt Ion: 99 Resp: 336417

Ion Ratio Lower Upper

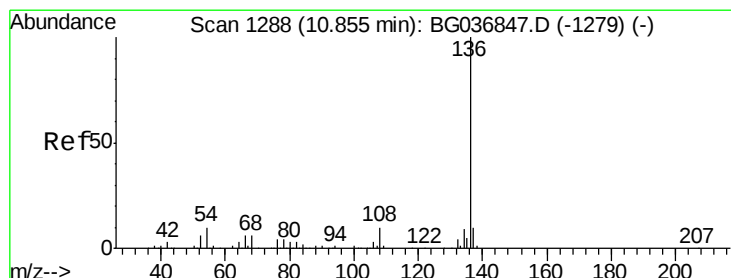
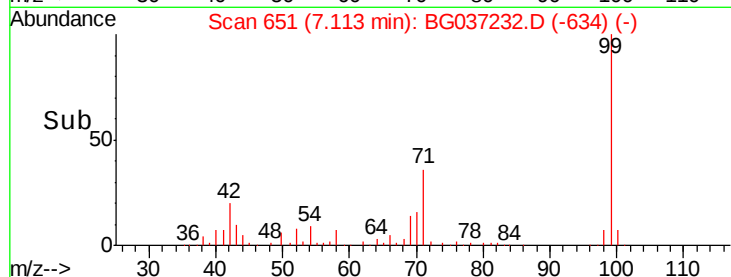
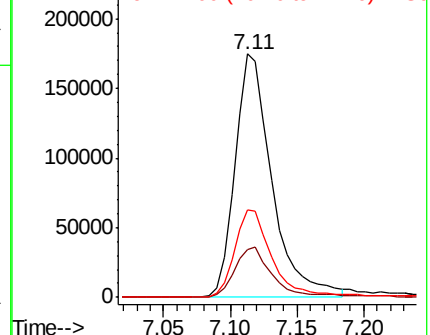
99 100

42 19.7 16.5 24.7

71 35.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG037232.D

Acq: 10 Oct 2018 00:41

Tgt Ion: 136 Resp: 166862

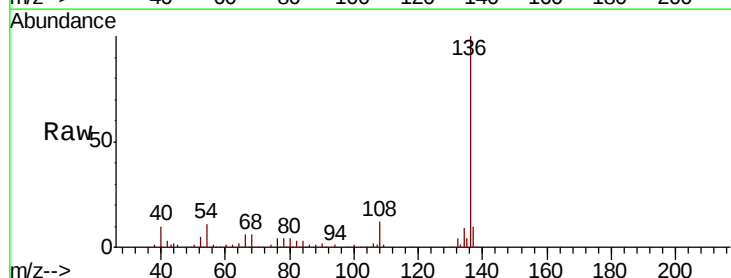
Ion Ratio Lower Upper

136 100

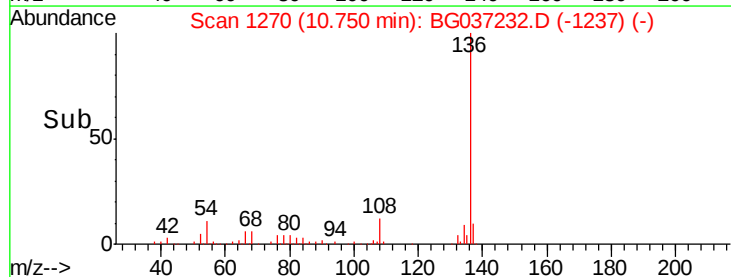
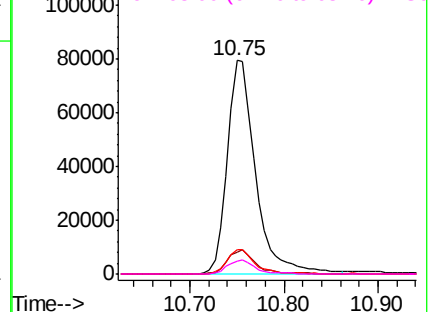
137 10.3 8.8 13.2

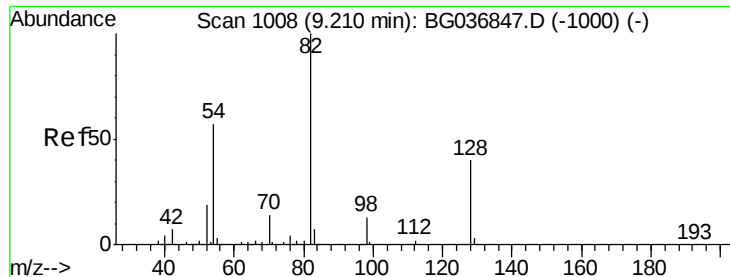
54 11.2 9.2 13.8

68 5.8 5.8 8.6#



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

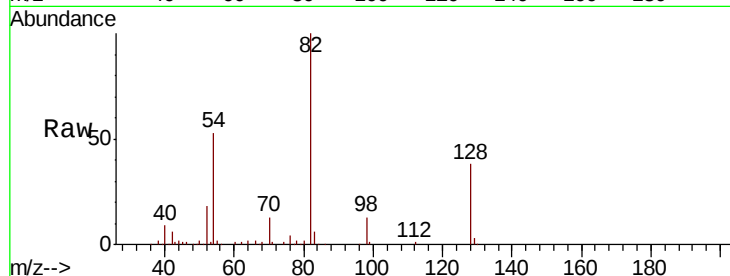




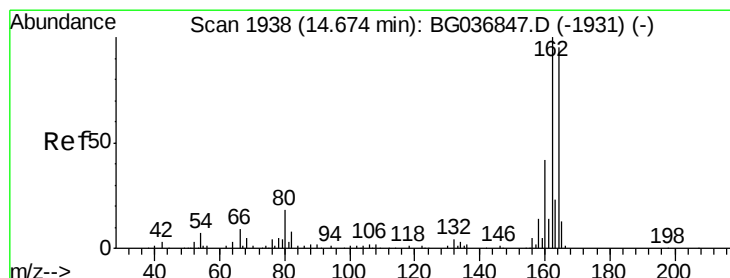
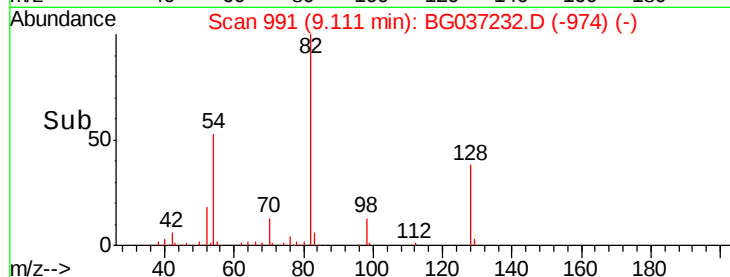
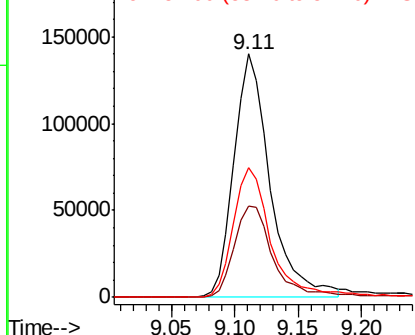
#23
 Nitrobenzene-d5
 Concen: 89.168 ng
 RT: 9.11 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-100818-A

Tgt Ion: 82 Resp: 277844
 Ion Ratio Lower Upper
 82 100
 128 37.6 33.3 49.9
 54 53.0 45.1 67.7

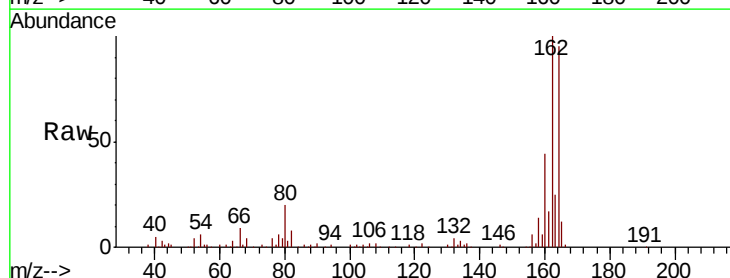


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

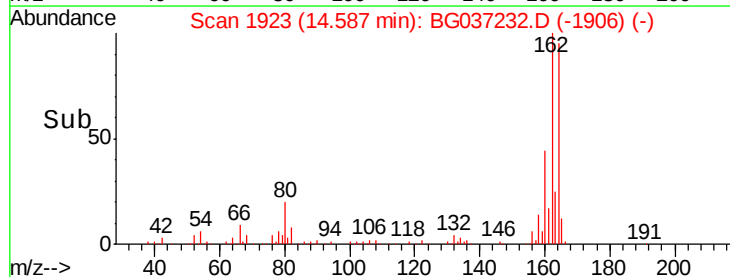
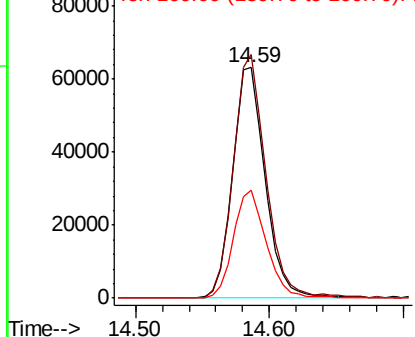


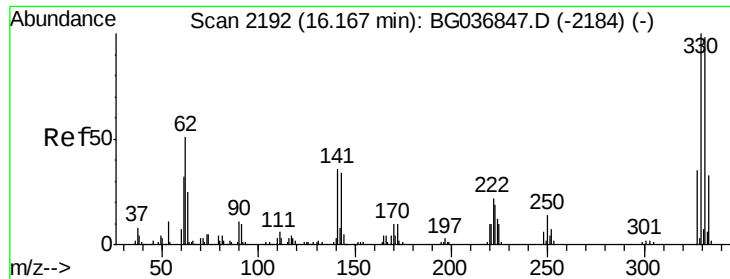
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

Tgt Ion: 164 Resp: 107203
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.7 121.1
 160 46.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

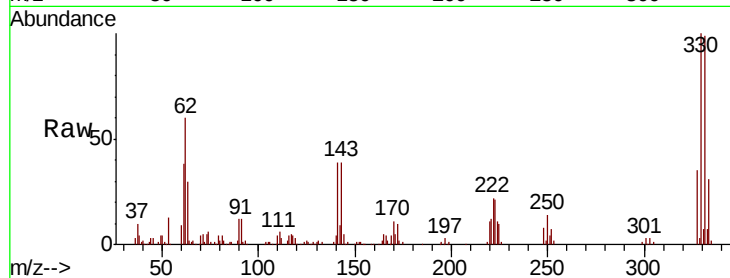




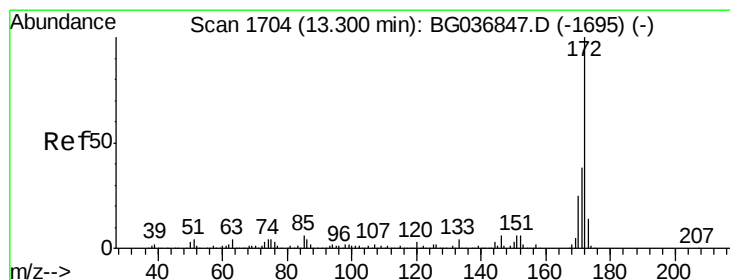
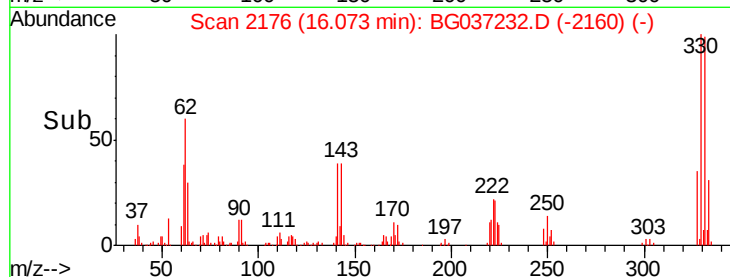
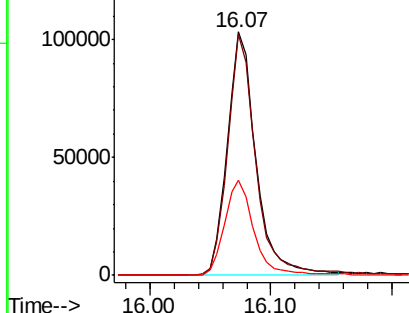
#41
 2,4,6-Tribromophenol
 Concen: 133.436 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-100818-A

Tgt Ion:330 Resp: 171147
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.2
 141 39.5 30.7 46.1

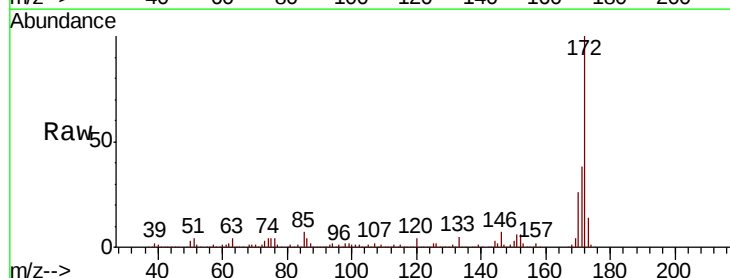


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

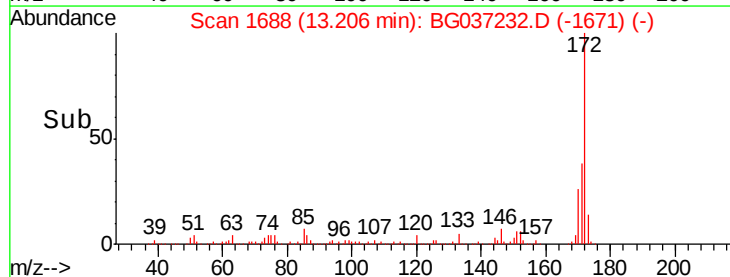
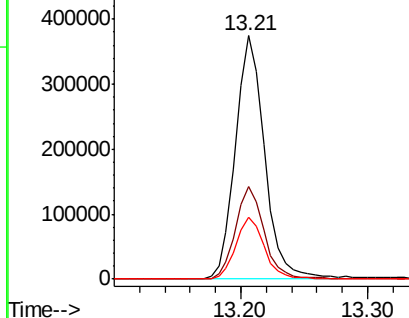


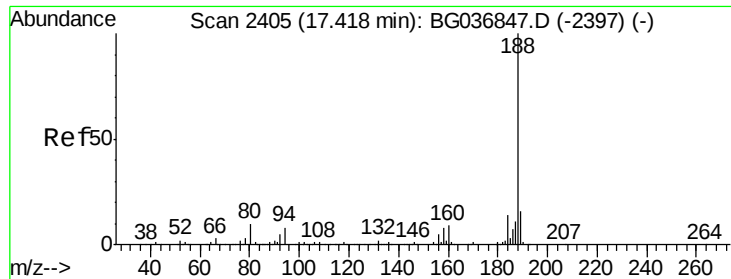
#44
 2-Fluorobiphenyl
 Concen: 82.979 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

Tgt Ion:172 Resp: 597261
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.5 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG037232.D

Acq: 10 Oct 2018 00:41

Instrument :

BNA_G

ClientSampleId :

EO-02-100818-A

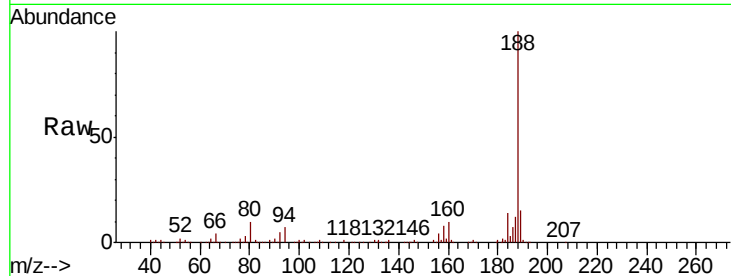
Tgt Ion:188 Resp: 281941

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

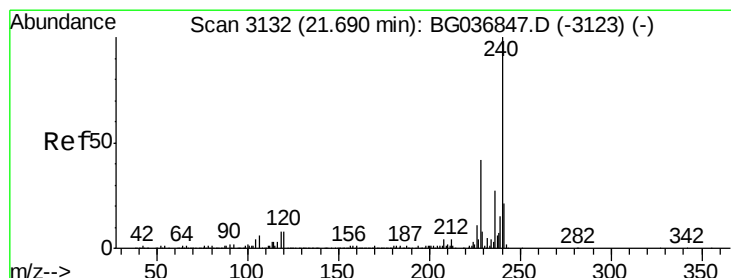
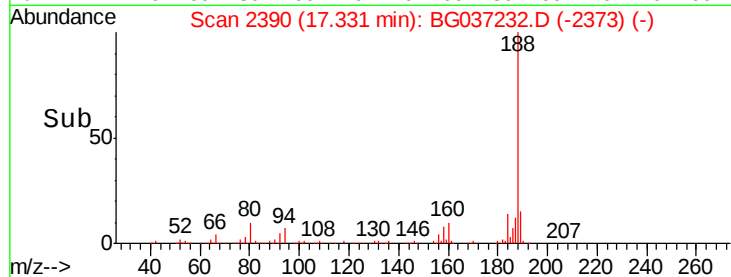
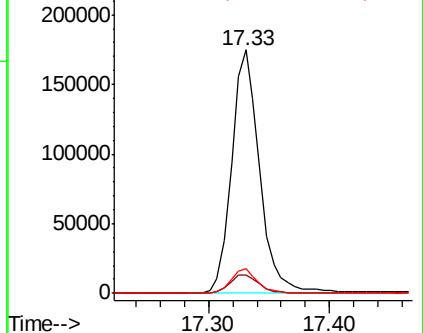
80 10.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BG037232.D

Acq: 10 Oct 2018 00:41

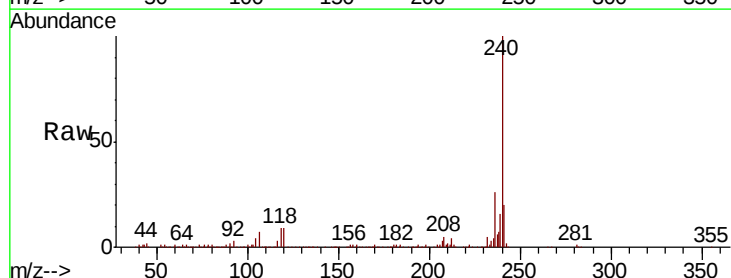
Tgt Ion:240 Resp: 317078

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

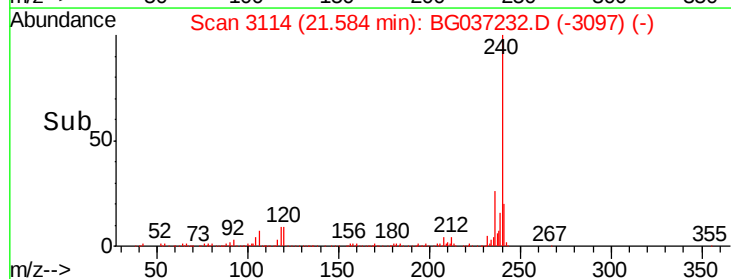
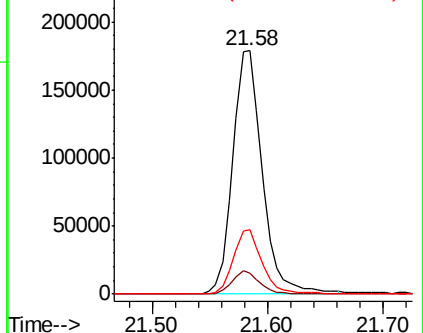
236 26.3 21.2 31.8

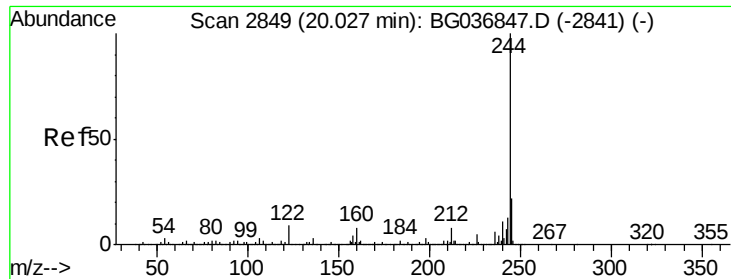


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.775 ng

RT: 19.95 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG037232.D

Acq: 10 Oct 2018 00:41

Instrument :

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ClientSampleId :

EO-02-100818-A

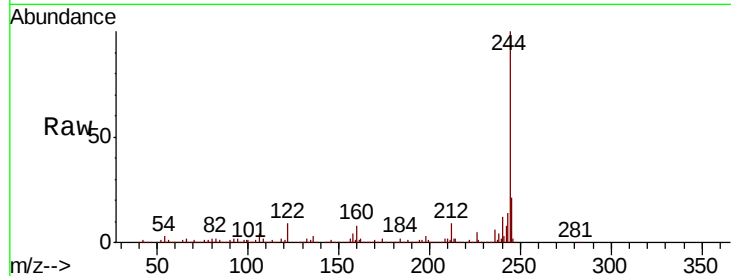
Tgt Ion:244 Resp: 1154904

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

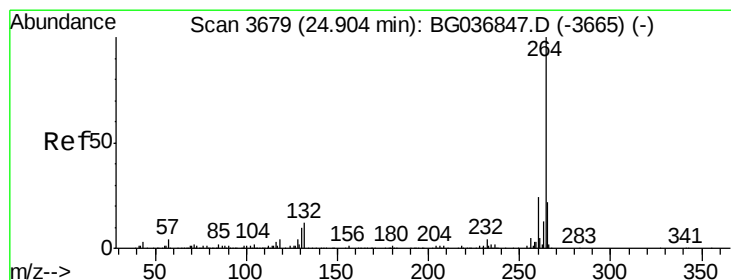
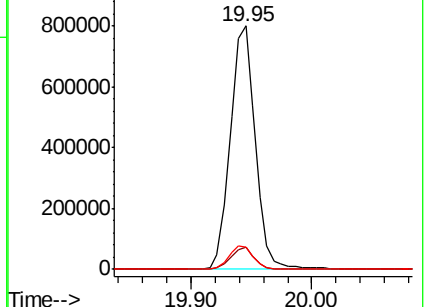
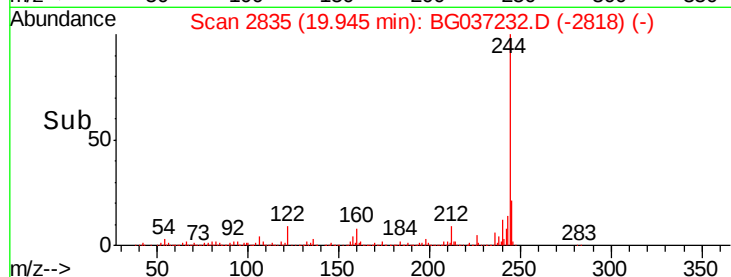
122 9.2 7.1 10.7



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: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG037232.D

Acq: 10 Oct 2018 00:41

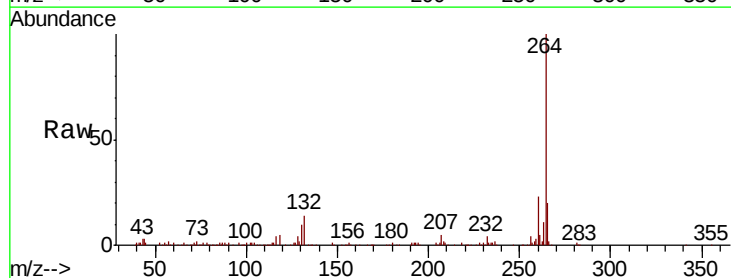
Tgt Ion:264 Resp: 316407

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 20.2 17.4 26.0



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

