

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037059.D
 Acq On : 28 Sep 2018 21:01
 Operator : JU/SJ
 Sample : J4776-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 29 06:37:13 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	41076	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	170885	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	106533	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	286095	20.00	ng	0.00
75) Chrysene-d12	21.67	240	304899	20.00	ng	-0.02
86) Perylene-d12	24.88	264	294203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	269991	126.06	ng	0.00
7) Phenol-d6	7.20	99	335106	101.12	ng	0.00
23) Nitrobenzene-d5	9.20	82	277383	86.92	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	158980	124.73	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	580646	81.18	ng	-0.02
78) Terphenyl-d14	20.02	244	1101120	94.96	ng	0.00

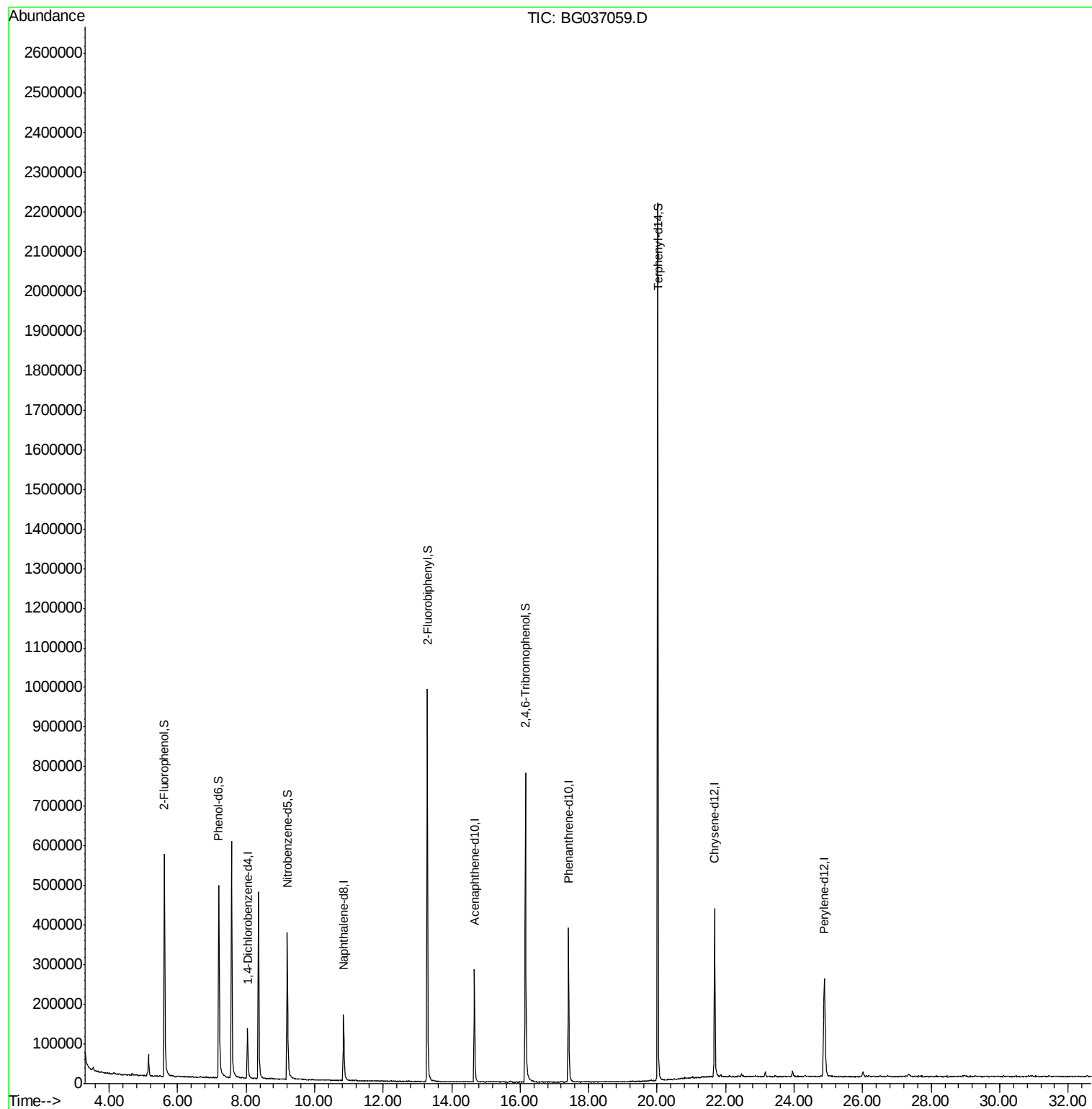
Target Compounds Qvalue

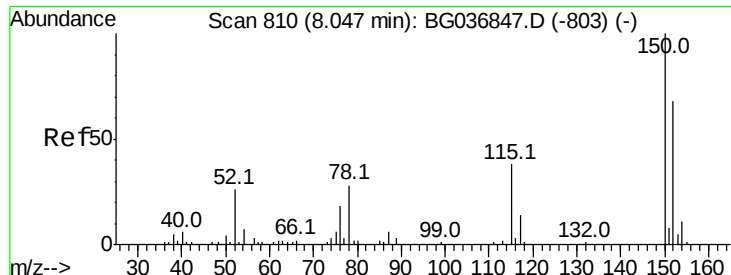
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037059.D

Acq: 28 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-A

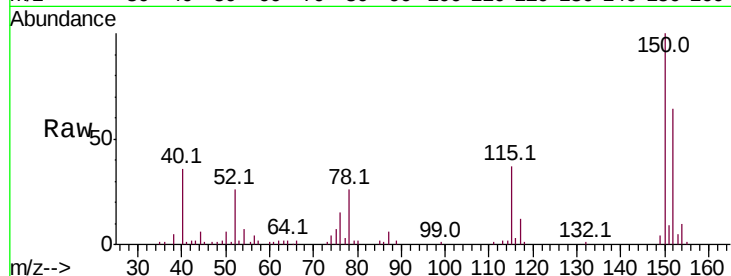
Tot Ion:152 Resp: 41076

Ion Ratio Lower Upper

152 100

150 155.7 119.5 179.3

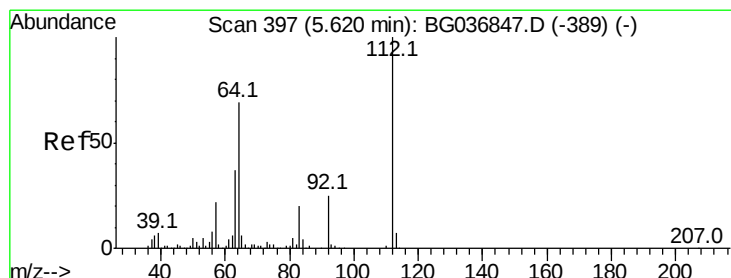
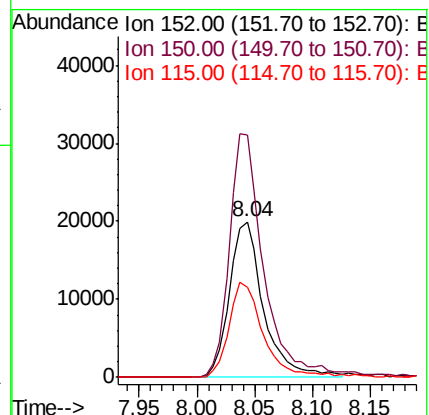
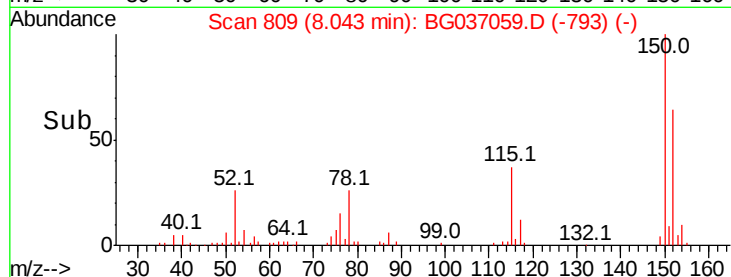
115 57.9 44.5 66.7



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: 126.055 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037059.D

Acq: 28 Sep 2018 21:01

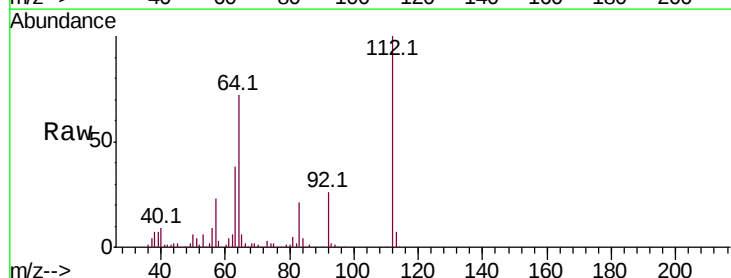
Tgt Ion:112 Resp: 269991

Ion Ratio Lower Upper

112 100

64 72.0 57.2 85.8

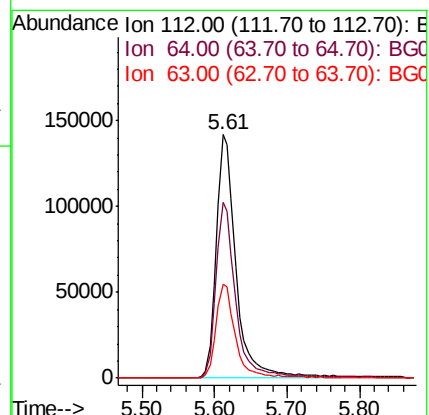
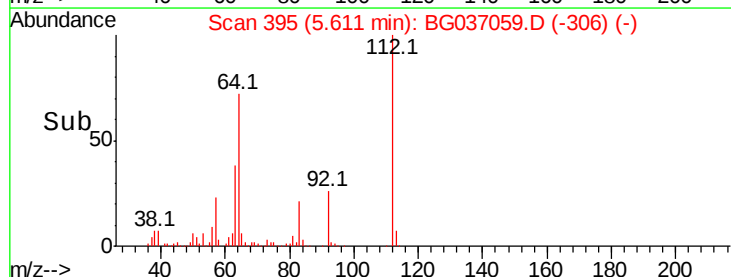
63 38.3 30.8 46.2



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: 101.124 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037059.D

Acq: 28 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-A

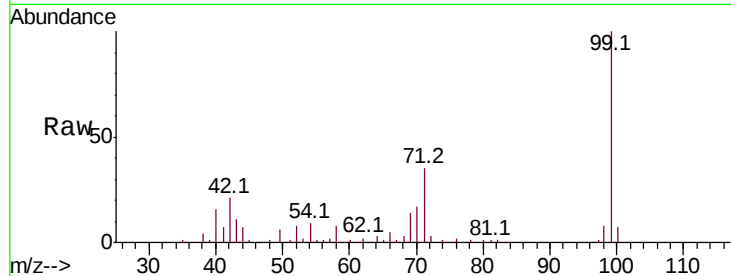
Tot Ion: 99 Resp: 335106

Ion Ratio Lower Upper

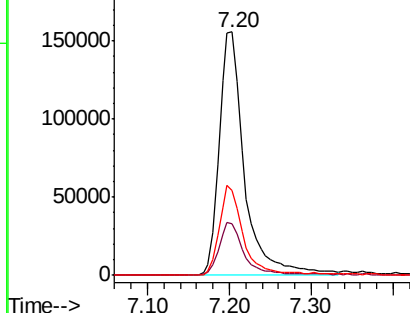
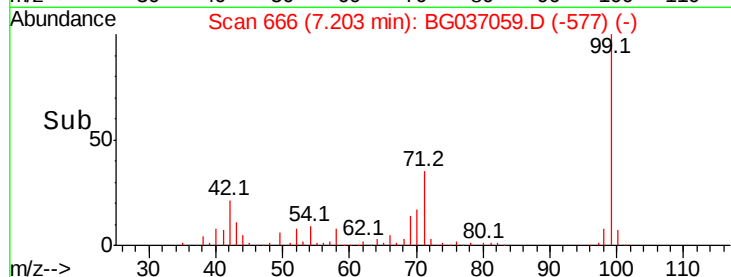
99 100

42 21.0 16.5 24.7

71 35.1 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037059.D

Acq: 28 Sep 2018 21:01

Tgt Ion: 136 Resp: 170885

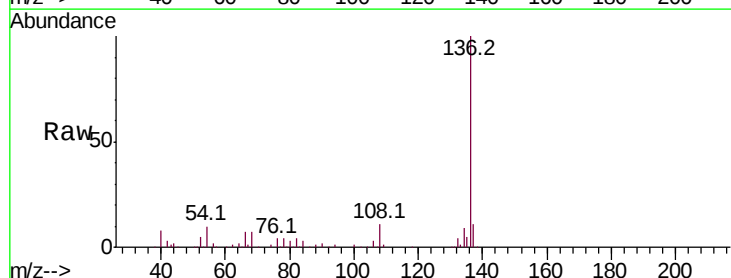
Ion Ratio Lower Upper

136 100

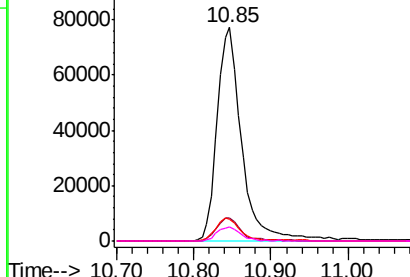
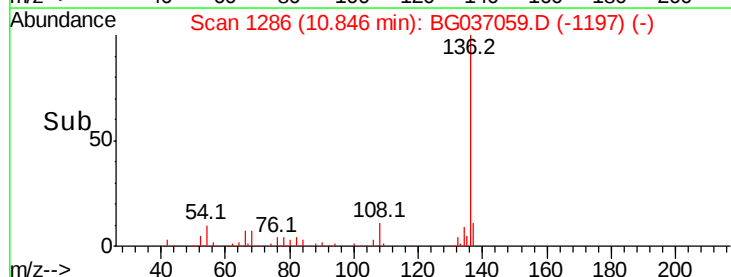
137 11.1 8.8 13.2

54 10.4 9.2 13.8

68 6.8 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

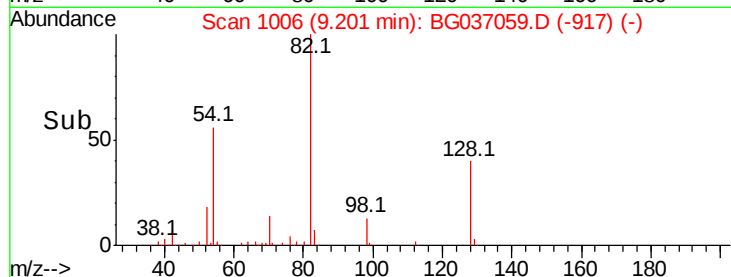
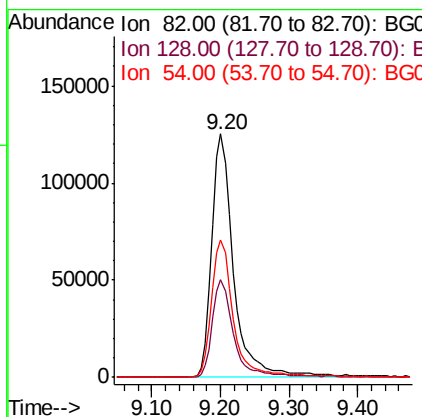
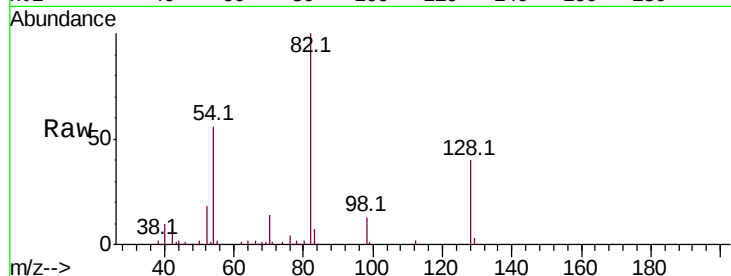




#23
Nitrobenzene-d5
Concen: 86.925 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037059.D
Acq: 28 Sep 2018 21:01

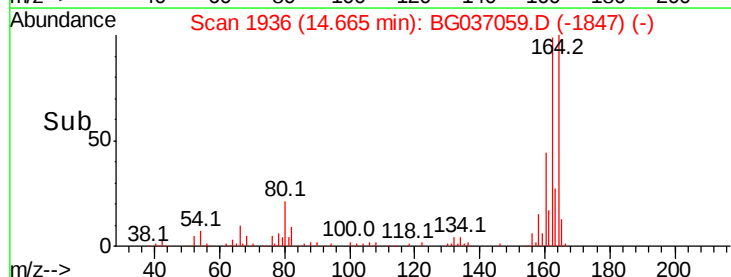
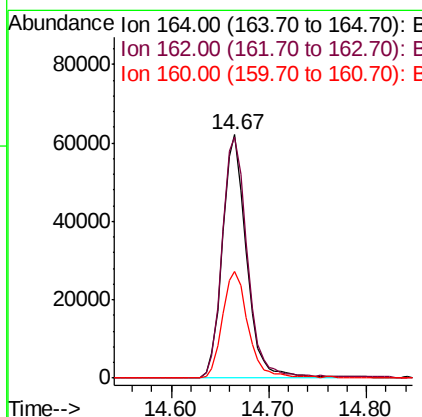
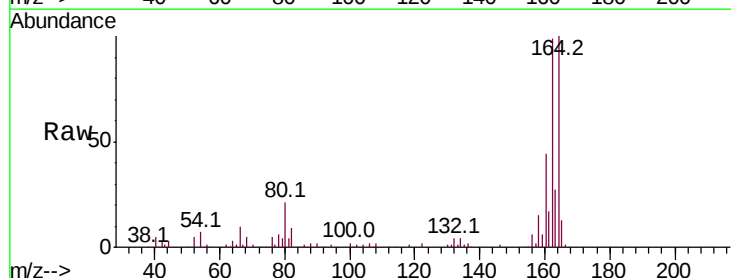
Instrument :
BNA_G
ClientSampleId :
EO-01-092718-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.3	49.9
54	56.3	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037059.D
Acq: 28 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.7	121.1
160	43.6	35.3	52.9

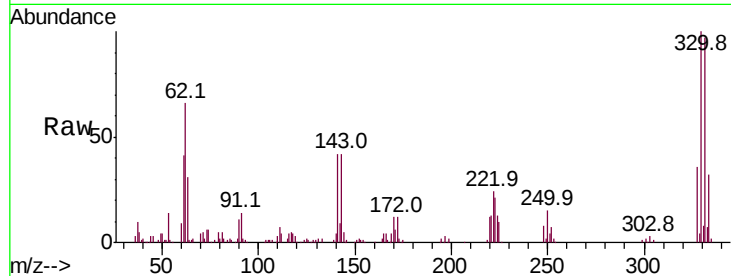




#41
 2,4,6-Tribromophenol
 Concen: 124.729 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037059.D
 Acq: 28 Sep 2018 21:01

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.4	113.2
141	39.9	30.7	46.1

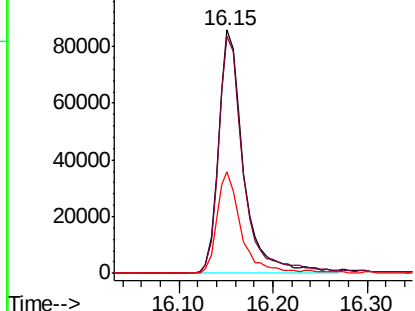
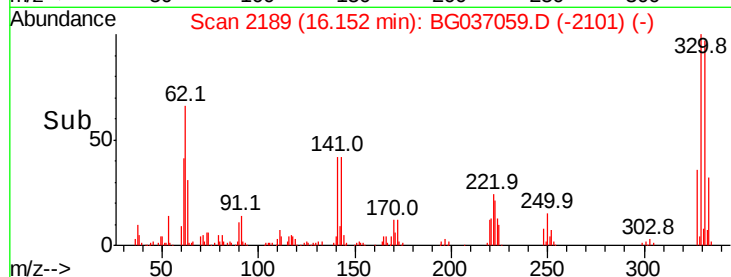


Abundance

Ion 329.80 (329.50 to 330.50): E

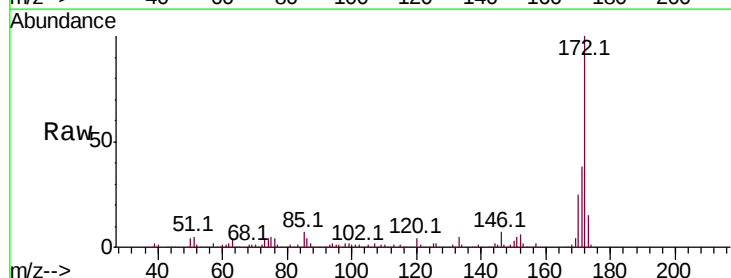
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.177 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037059.D
 Acq: 28 Sep 2018 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	25.0	21.0	31.6

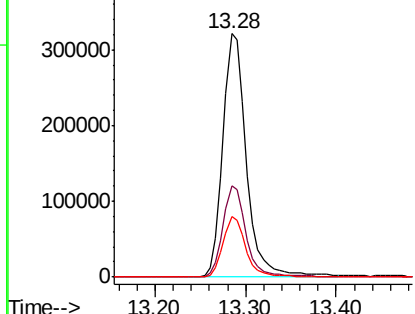
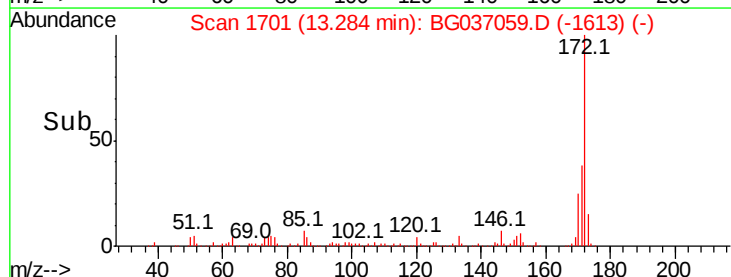


Abundance

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: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037059.D

Acq: 28 Sep 2018 21:01

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-A

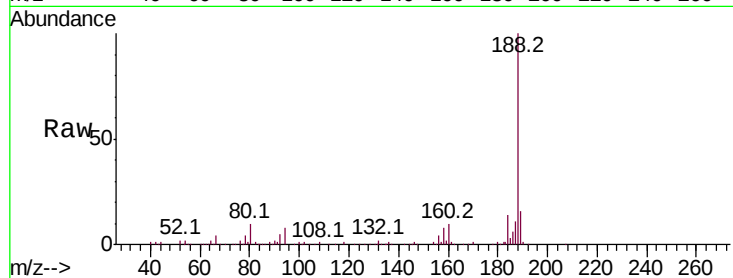
Tot Ion:188 Resp: 286095

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

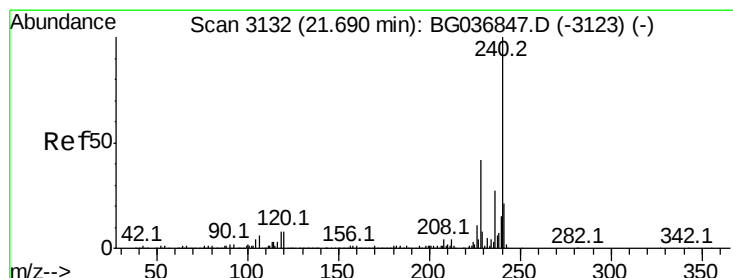
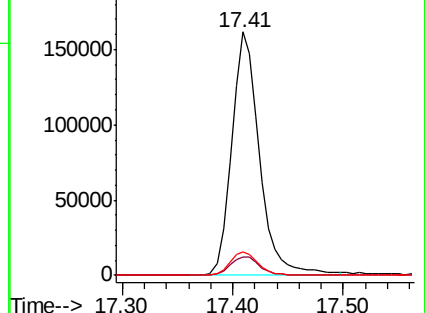
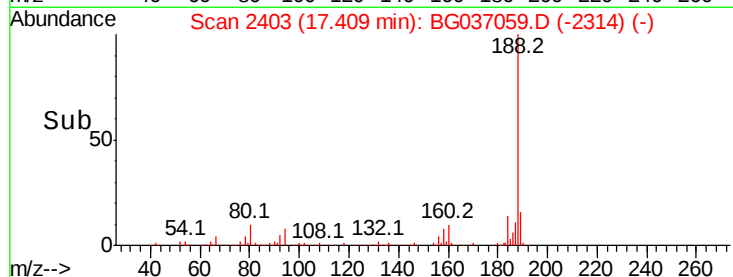
80 9.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037059.D

Acq: 28 Sep 2018 21:01

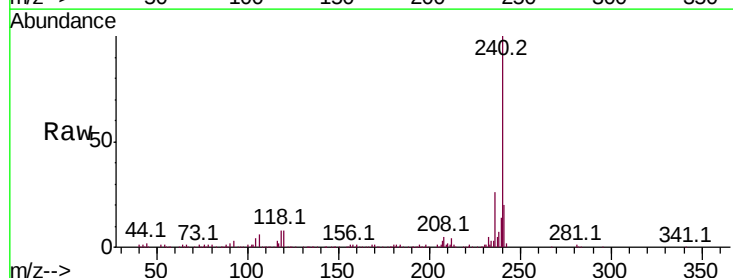
Tgt Ion:240 Resp: 304899

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

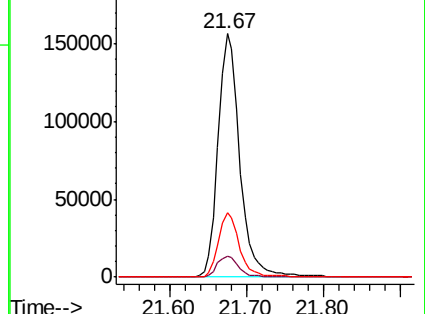
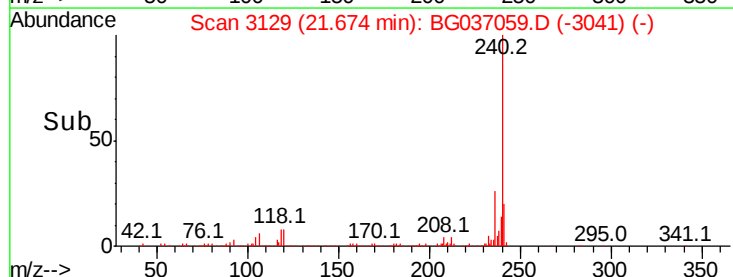
236 26.3 21.2 31.8



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

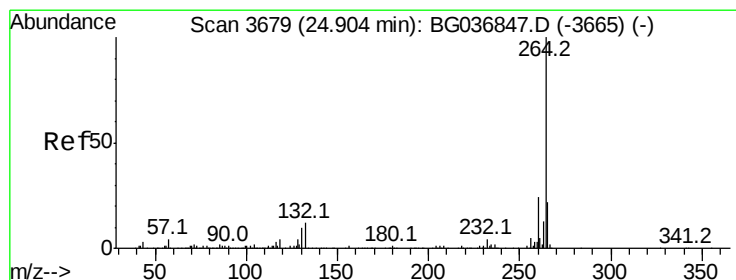
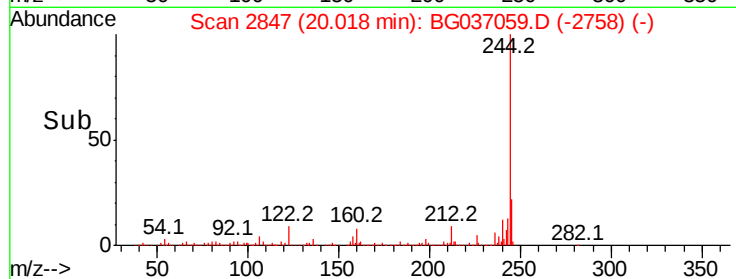
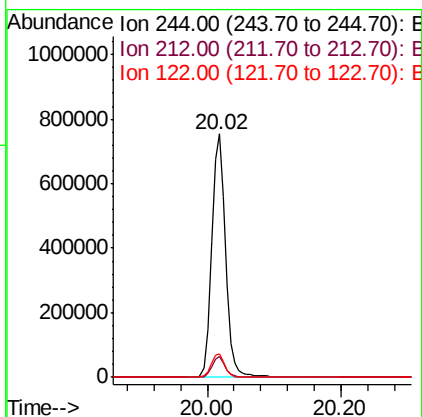
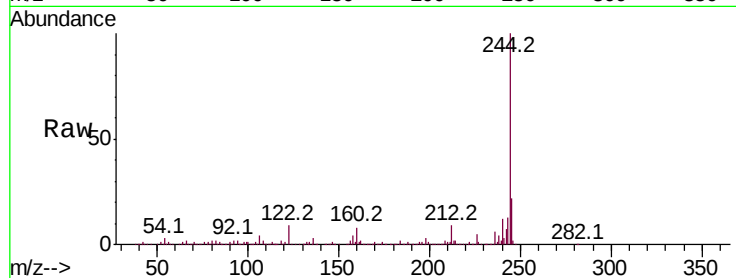




#78
 Terphenyl-d14
 Concen: 94.962 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037059.D
 Acq: 28 Sep 2018 21:01

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

Tot Ion:244 Resp: 1101120
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037059.D
 Acq: 28 Sep 2018 21:01

Tgt Ion:264 Resp: 294203
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 21.5 17.4 26.0

