

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037060.D
 Acq On : 28 Sep 2018 21:39
 Operator : JU/SJ
 Sample : J4776-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 29 06:38:00 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	44072	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	173183	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	104595	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	265205	20.00	ng	0.00
75) Chrysene-d12	21.68	240	288297	20.00	ng	-0.01
86) Perylene-d12	24.87	264	283900	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	281931	122.68	ng	0.00
7) Phenol-d6	7.20	99	341478	96.04	ng	-0.01
23) Nitrobenzene-d5	9.20	82	284344	87.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	142179	113.61	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	566242	80.63	ng	-0.01
78) Terphenyl-d14	20.02	244	1012612	92.36	ng	-0.01

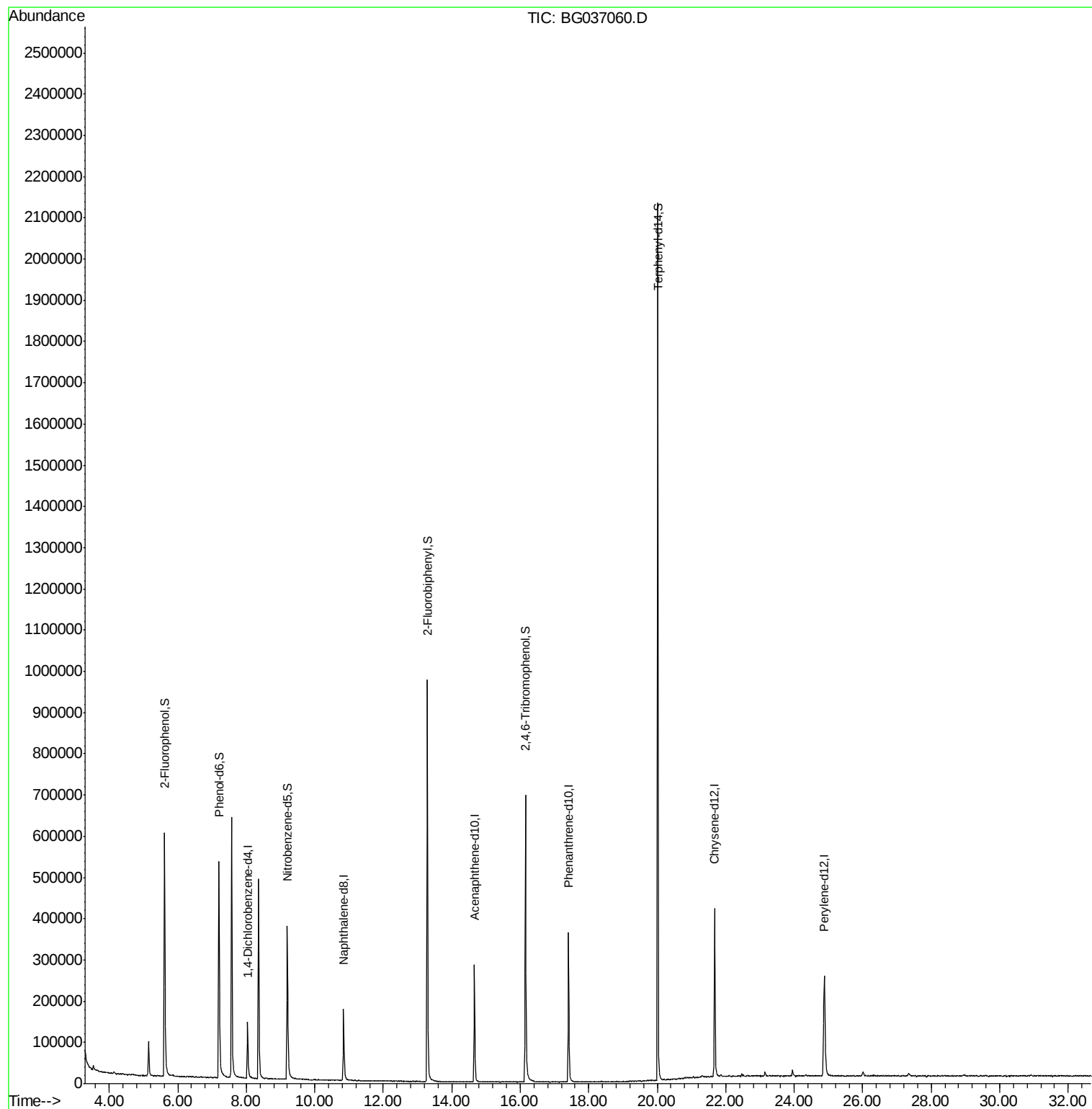
Target Compounds Qvalue

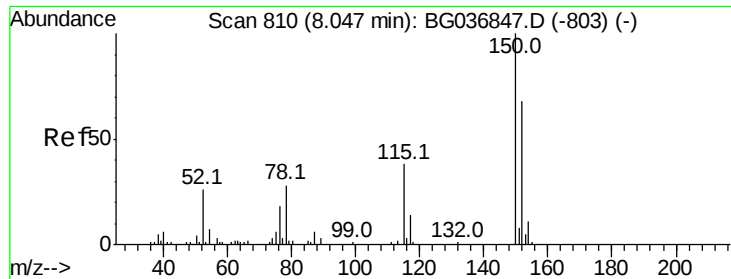
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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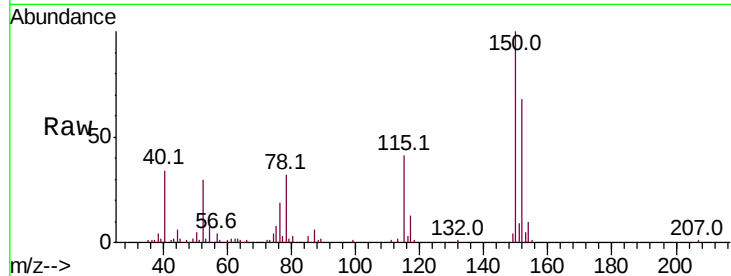


#1

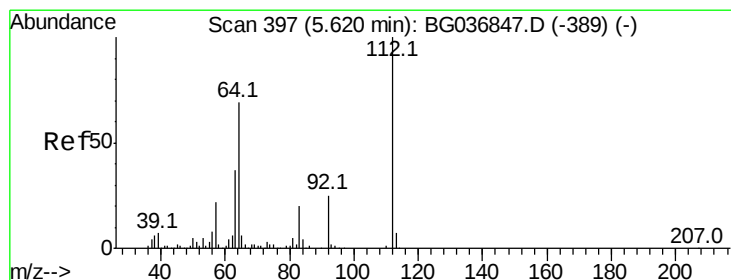
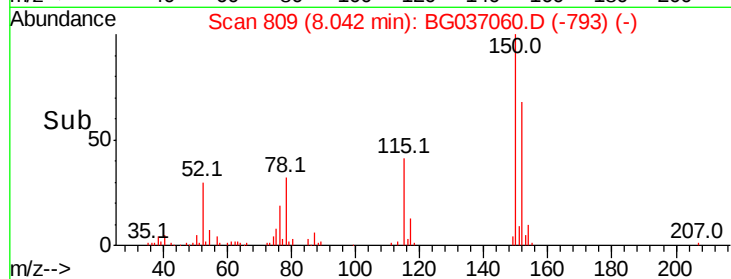
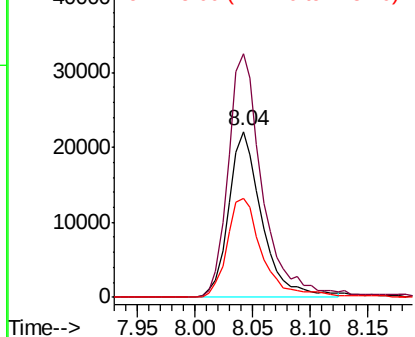
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

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

Tot Ion:152 Resp: 44072
Ion Ratio Lower Upper
152 100
150 147.0 119.5 179.3
115 60.1 44.5 66.7



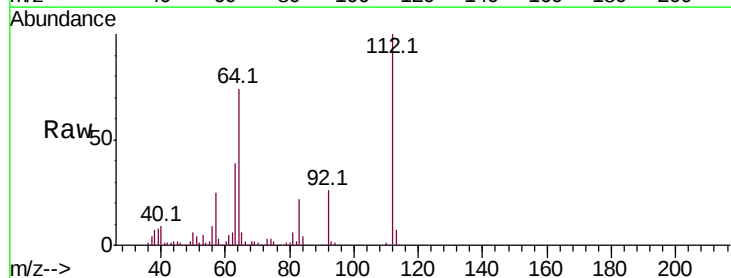
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



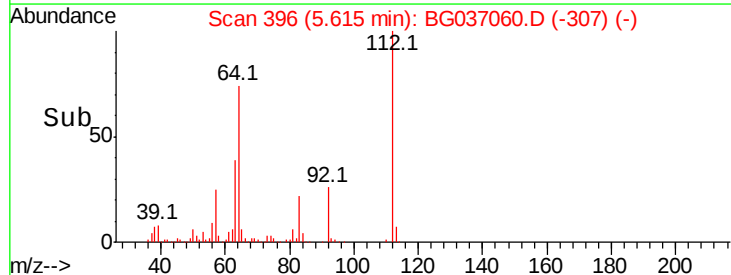
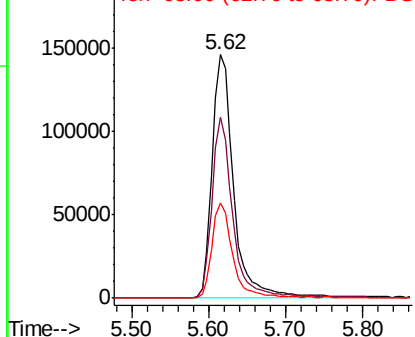
#5

2-Fluorophenol
Concen: 122.682 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Tgt Ion:112 Resp: 281931
Ion Ratio Lower Upper
112 100
64 74.3 57.2 85.8
63 39.2 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: 96.042 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-B

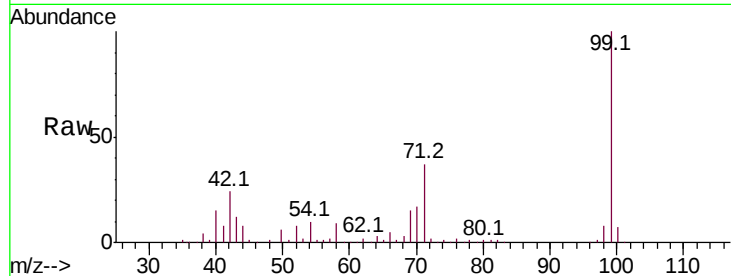
Tot Ion: 99 Resp: 341478

Ion Ratio Lower Upper

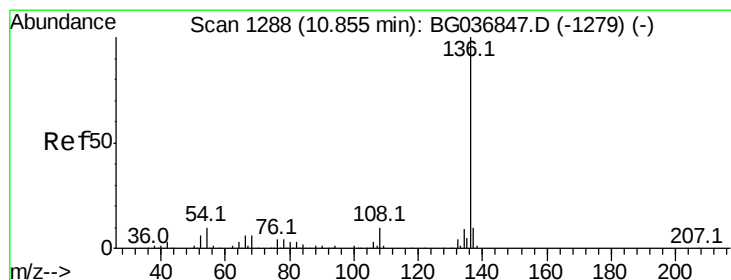
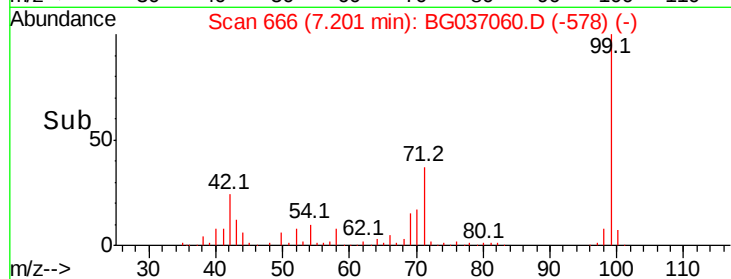
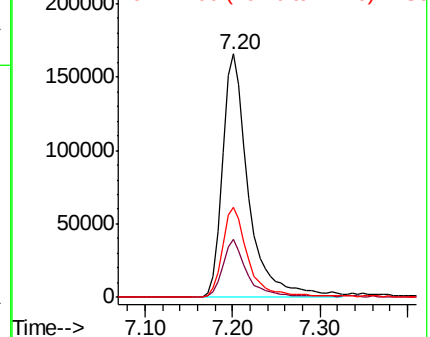
99 100

42 23.7 16.5 24.7

71 37.0 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Tgt Ion: 136 Resp: 173183

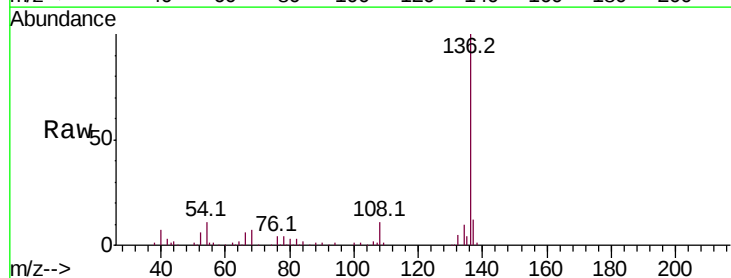
Ion Ratio Lower Upper

136 100

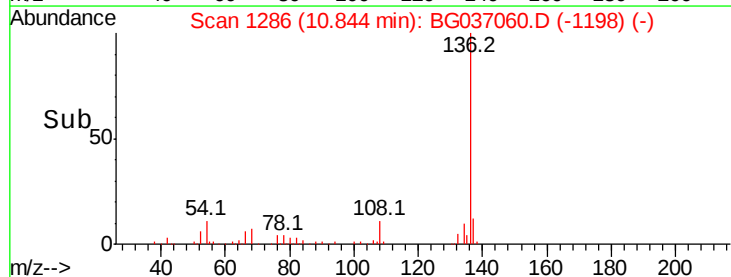
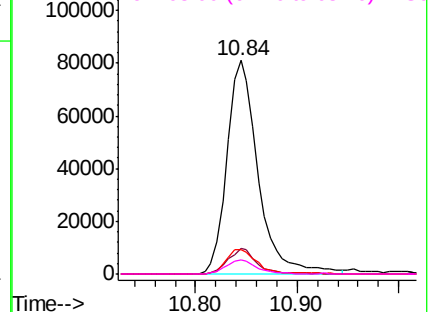
137 11.9 8.8 13.2

54 11.2 9.2 13.8

68 6.7 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

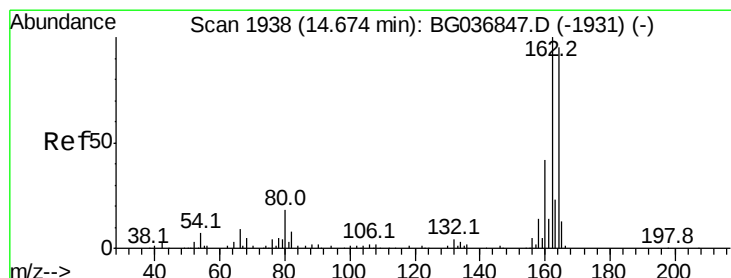
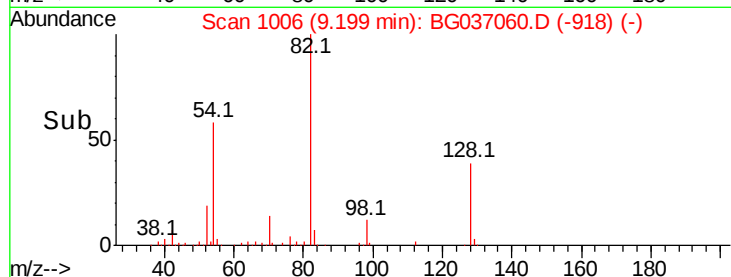
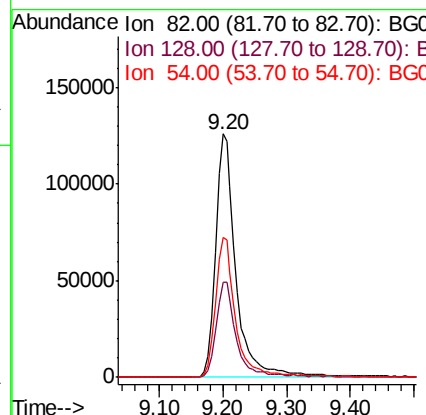
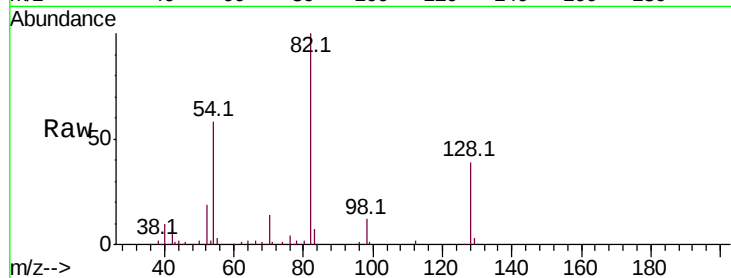




#23
Nitrobenzene-d5
Concen: 87.924 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

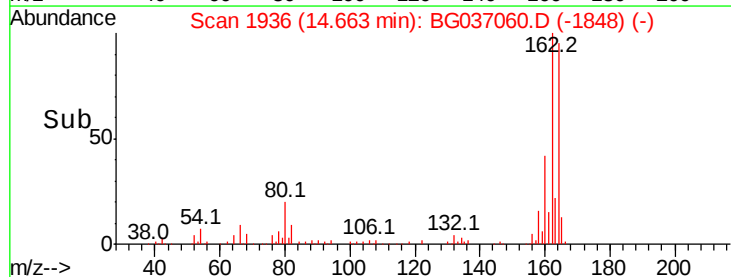
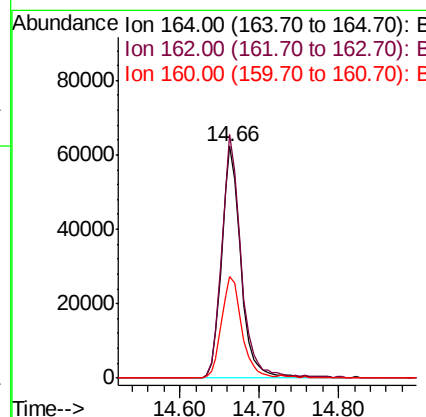
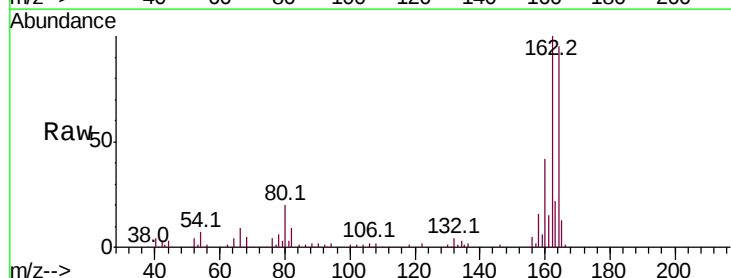
Instrument :
BNA_G
ClientSampleId :
EO-01-092718-B

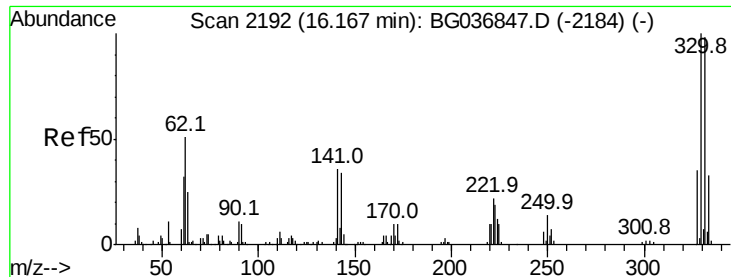
Tot Ion: 82 Resp: 284344
Ion Ratio Lower Upper
82 100
128 39.3 33.3 49.9
54 57.6 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Tgt Ion: 164 Resp: 104595
Ion Ratio Lower Upper
164 100
162 105.0 80.7 121.1
160 44.0 35.3 52.9

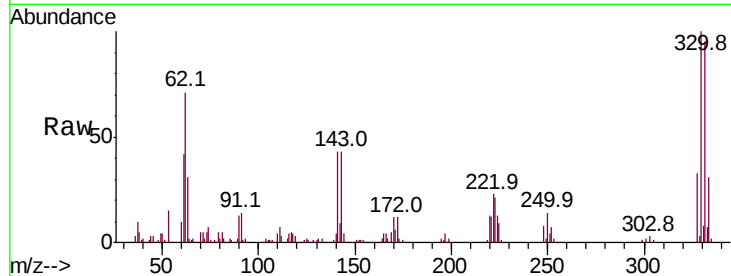




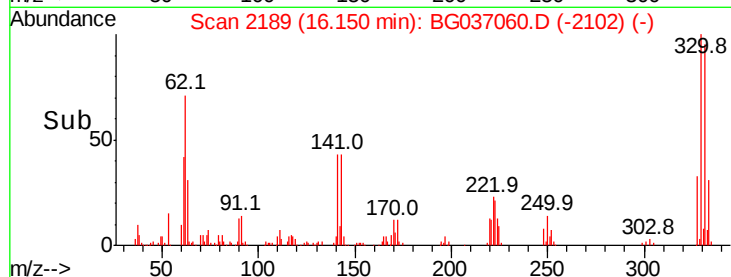
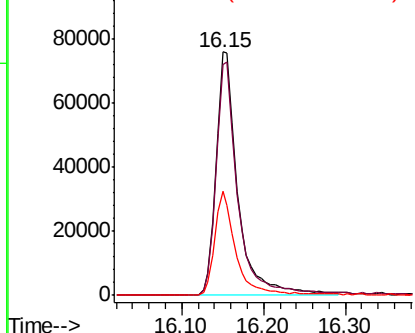
#41
 2,4,6-Tribromophenol
 Concen: 113.615 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037060.D
 Acq: 28 Sep 2018 21:39

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

Tot Ion:330 Resp: 142179
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.2
 141 40.8 30.7 46.1

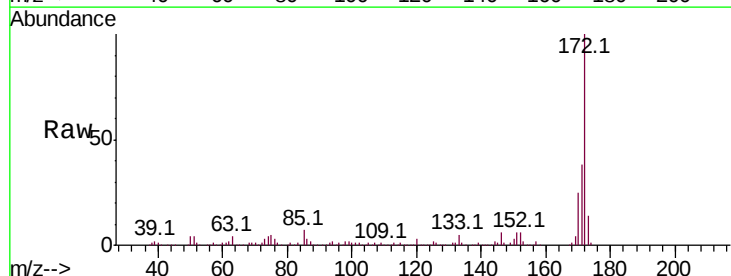


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

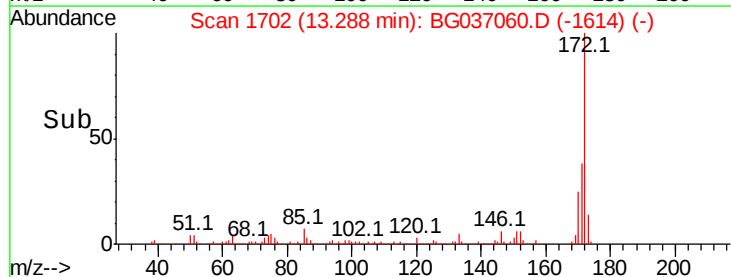
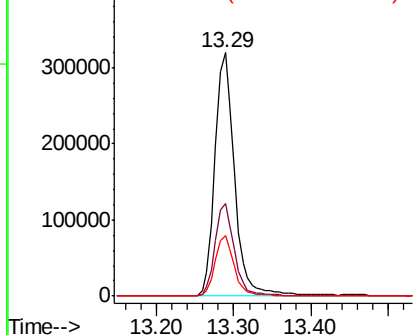


#44
 2-Fluorobiphenyl
 Concen: 80.631 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037060.D
 Acq: 28 Sep 2018 21:39

Tgt Ion:172 Resp: 566242
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 24.7 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

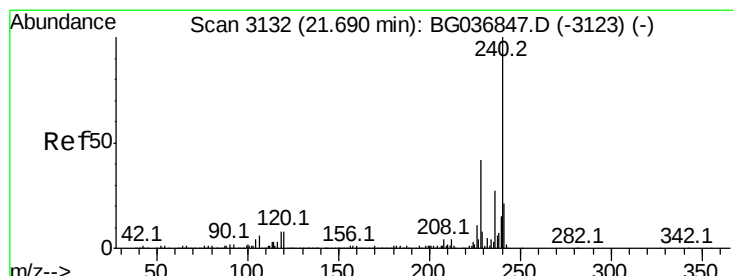
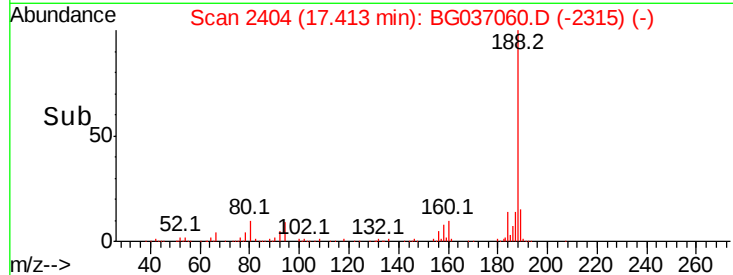
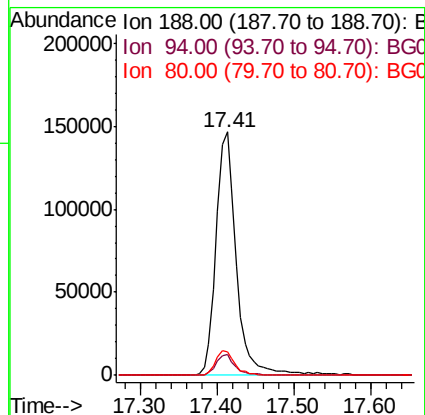
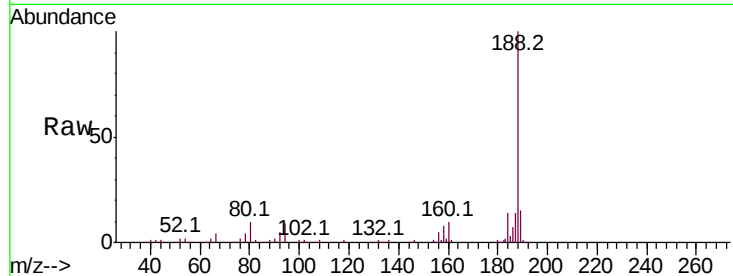




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

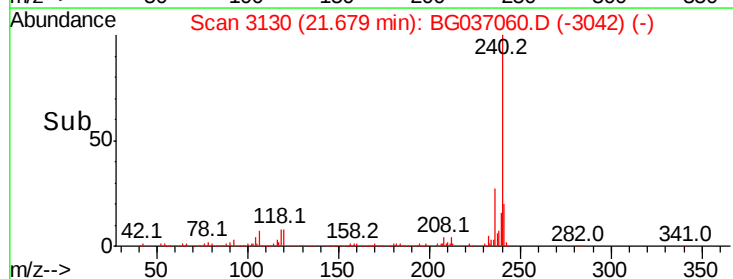
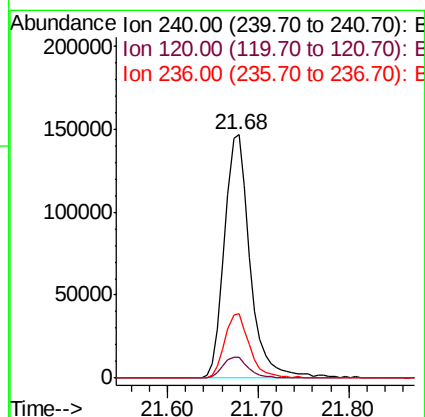
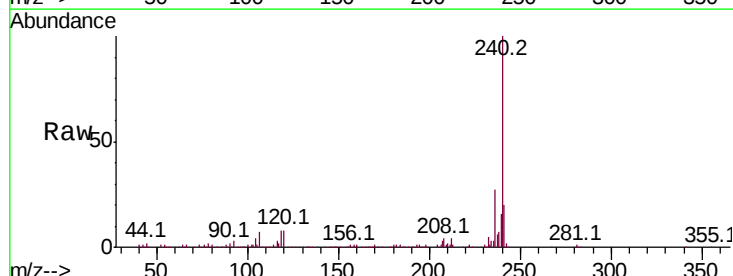
Instrument :
BNA_G
ClientSampleId :
EO-01-092718-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.8	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.6	21.2	31.8





#78

Terphenyl-d14

Concen: 92.358 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-B

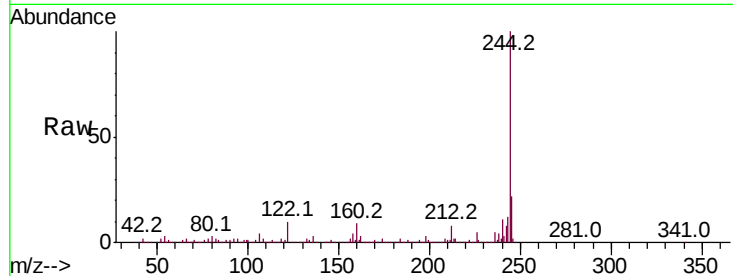
Tot Ion:244 Resp: 1012612

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

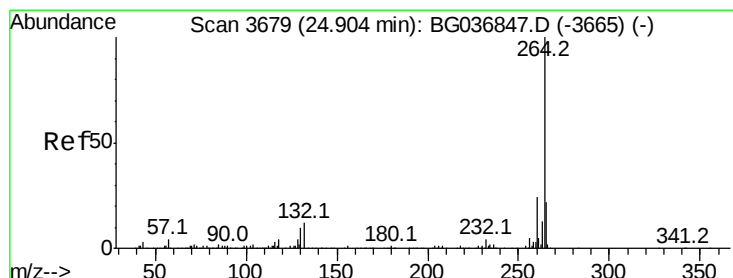
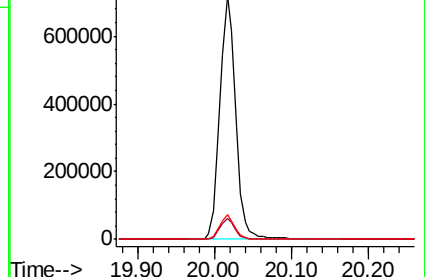
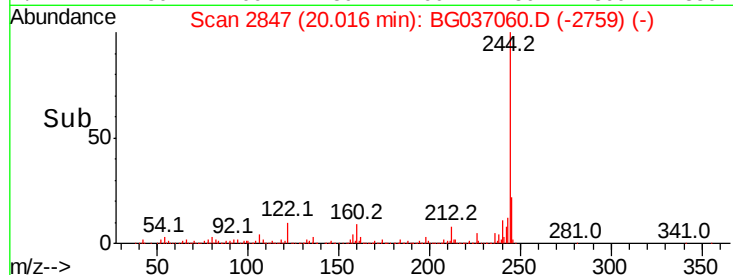
122 9.9 7.1 10.7



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: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

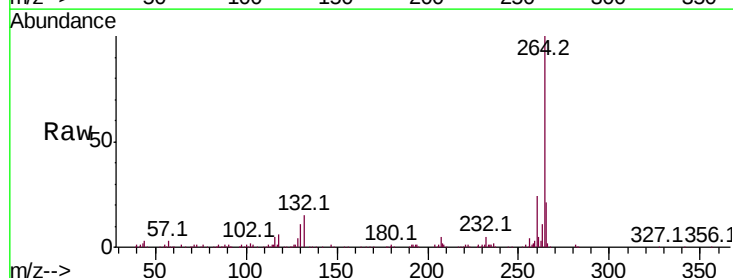
Tgt Ion:264 Resp: 283900

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 20.7 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

