

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

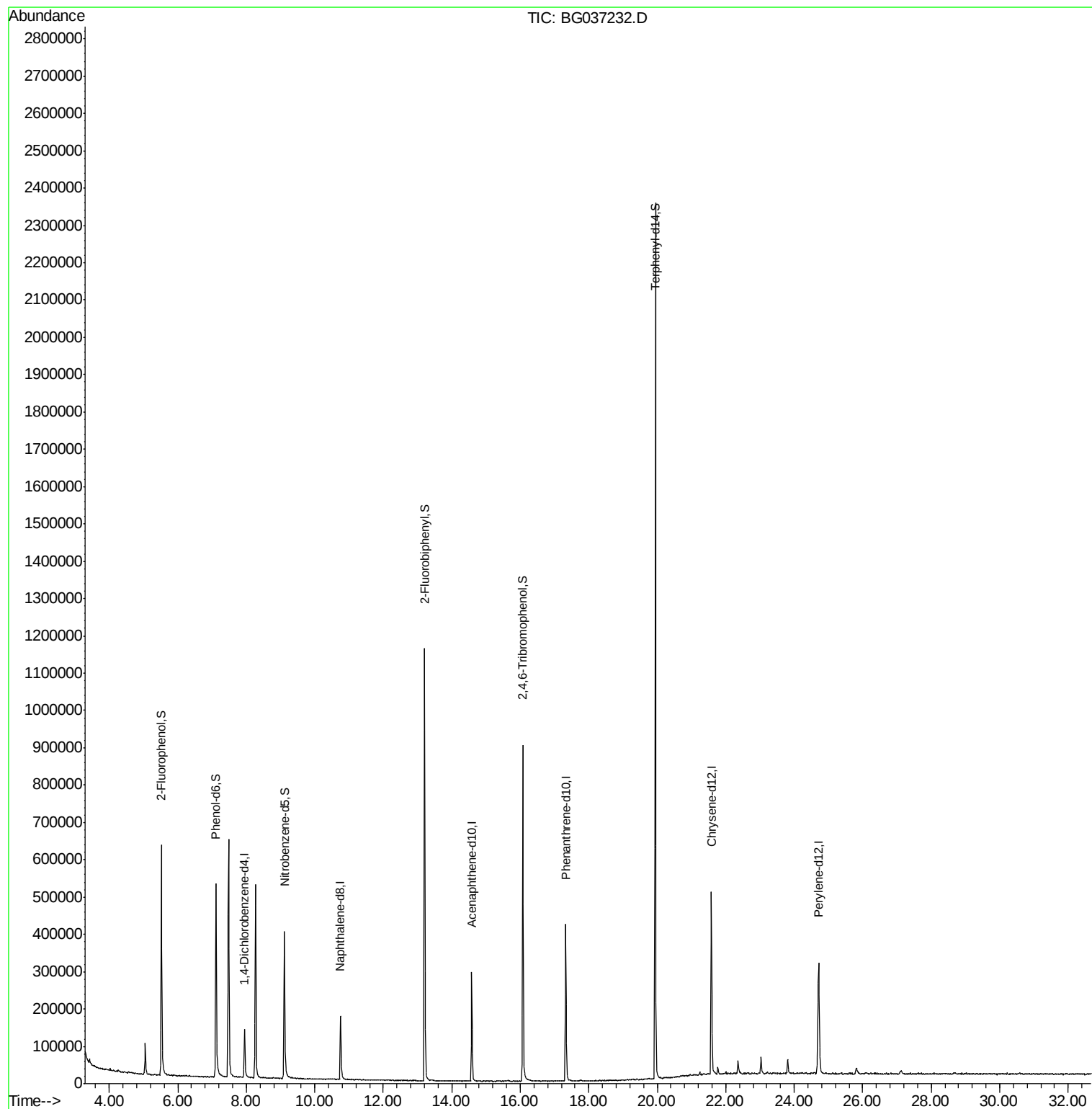
Target Compounds Qvalue

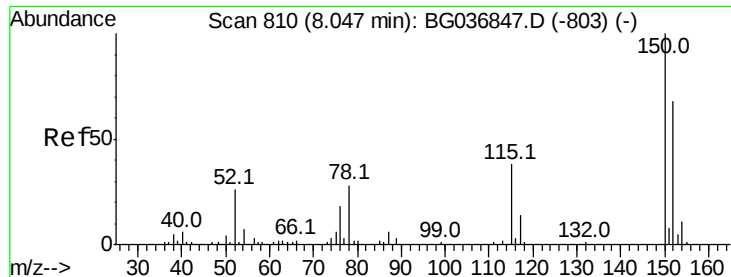
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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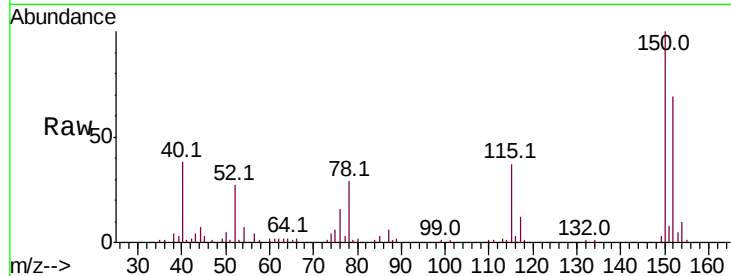


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.6	119.5	179.3
115	53.7	44.5	66.7

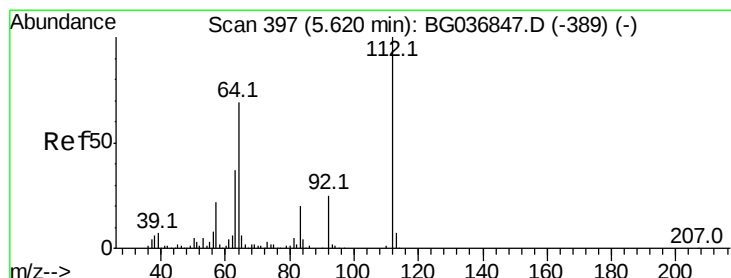
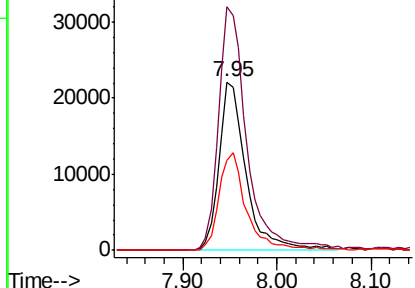
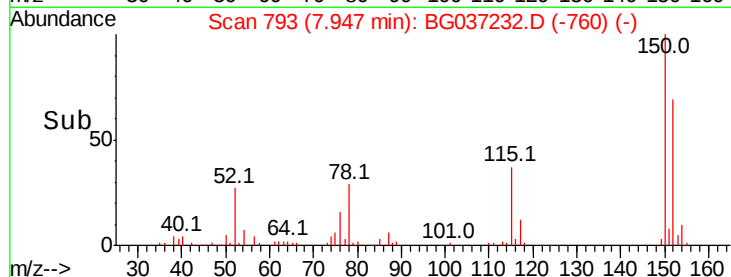


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

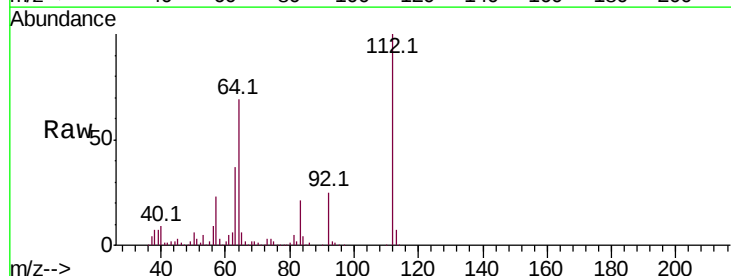
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	36.9	30.8	46.2

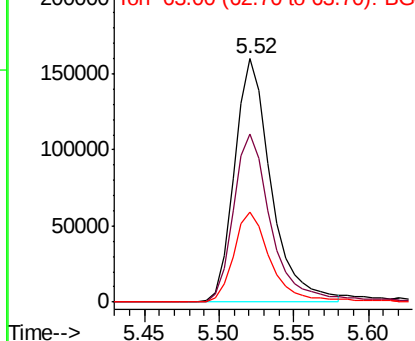
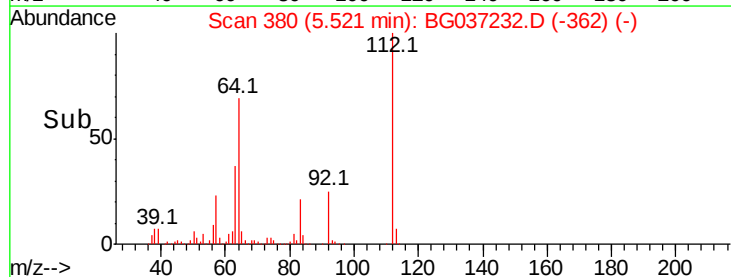


Abundance

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

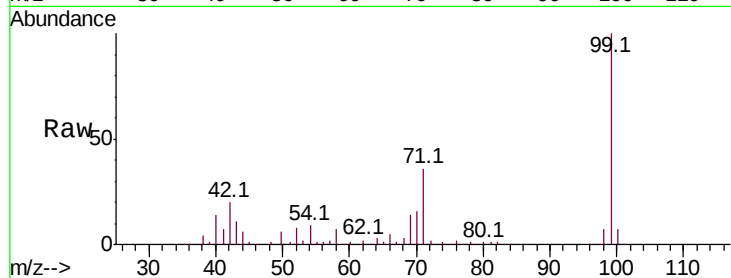
Tot Ion: 99 Resp: 336417

Ion Ratio Lower Upper

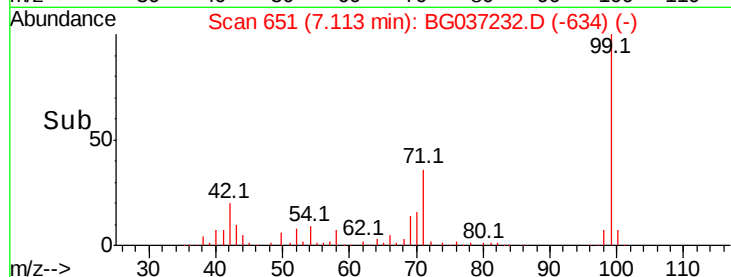
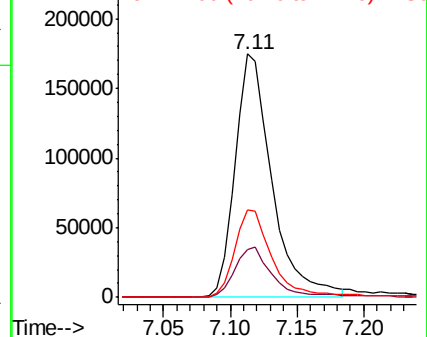
99 100

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

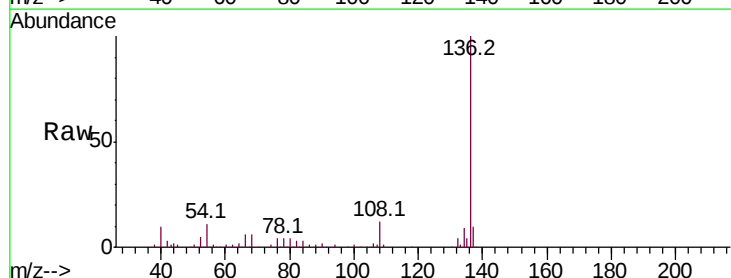
Ion Ratio Lower Upper

136 100

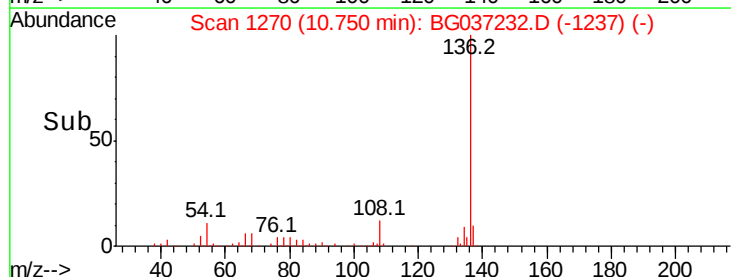
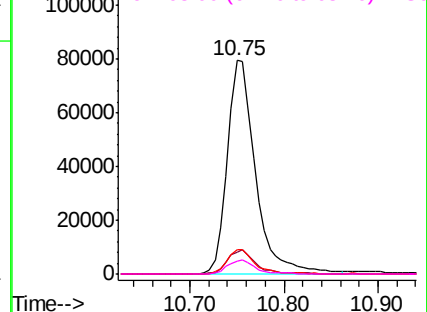
137 10.3 8.8 13.2

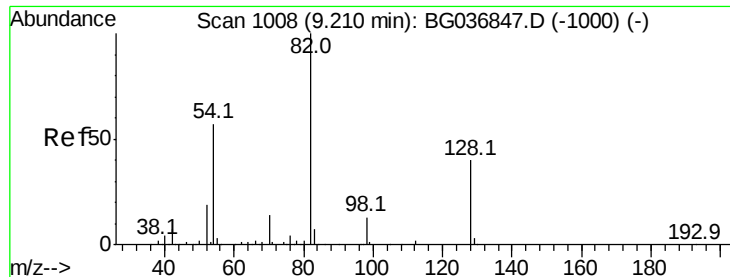
54 11.2 9.2 13.8

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

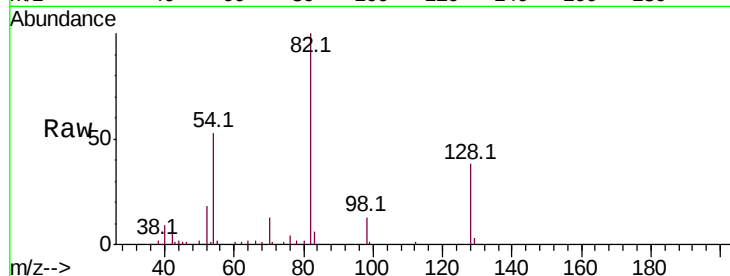




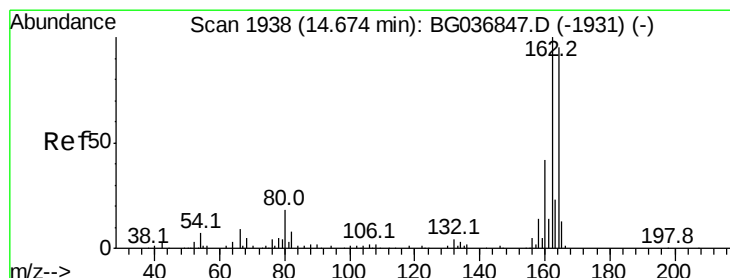
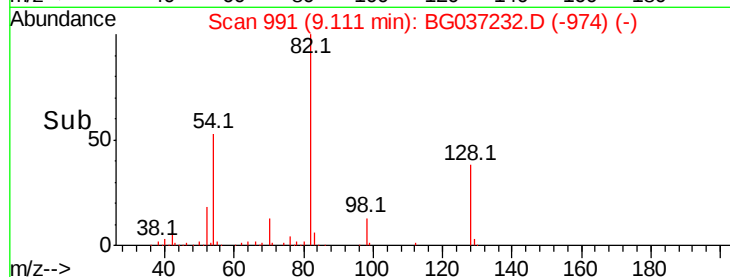
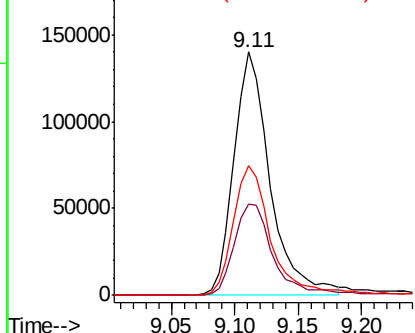
#23
 Nitrobenzene-d5
 Concen: 89.168 ng
 RT: 9.11 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

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

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

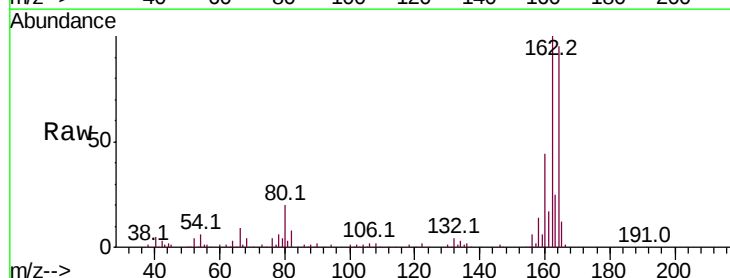


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

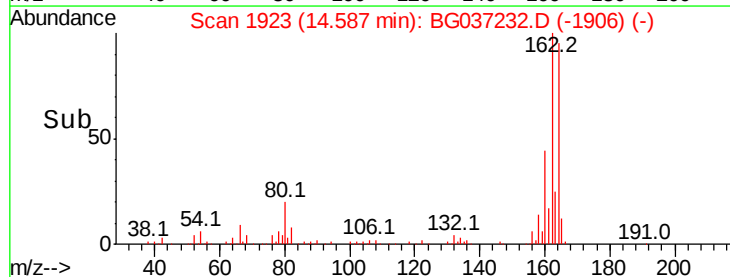
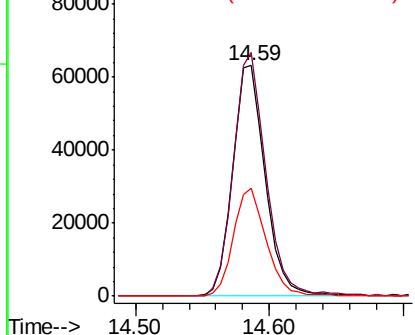


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

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

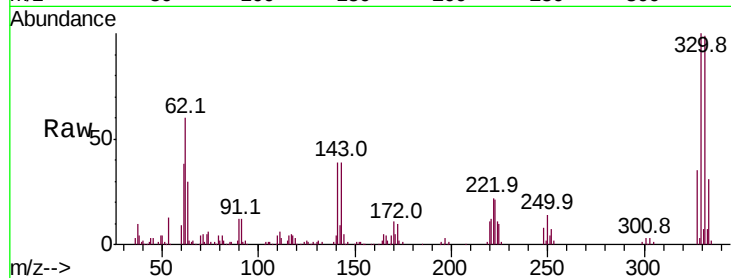




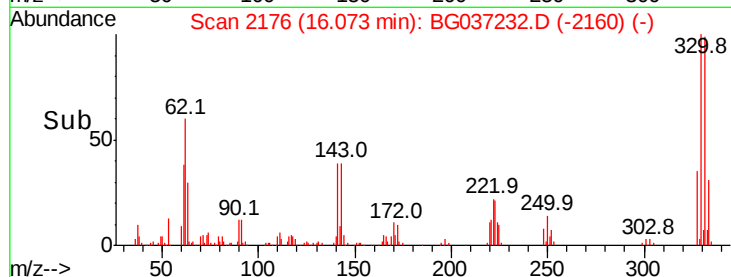
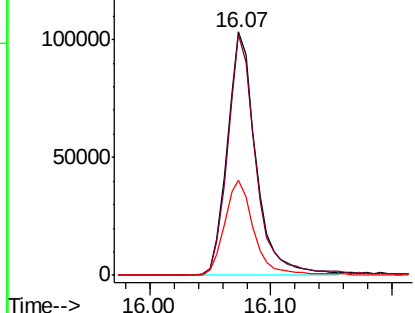
#41
 2,4,6-Tribromophenol
 Concen: 133.436 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	39.5	30.7	46.1

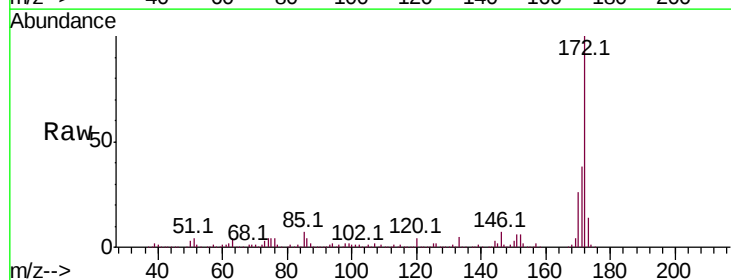


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

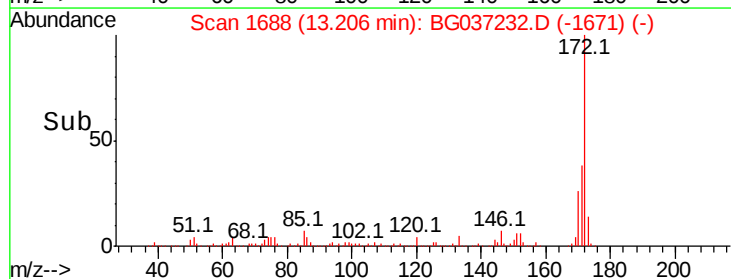
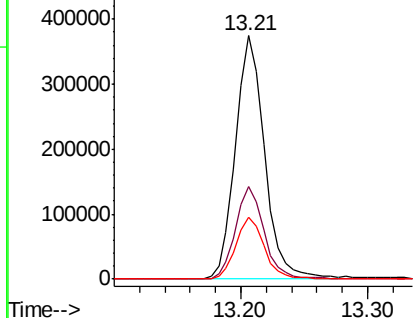


#44
 2-Fluorobiphenyl
 Concen: 82.979 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037232.D
 Acq: 10 Oct 2018 00:41

Tgt Ion	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

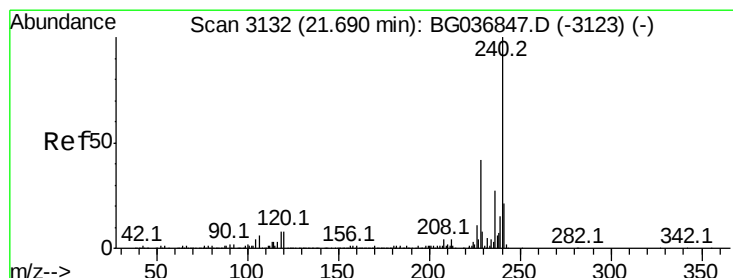
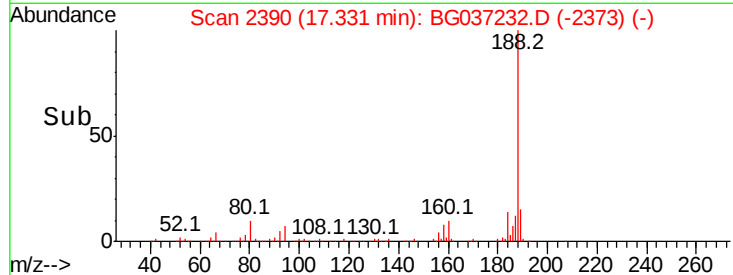
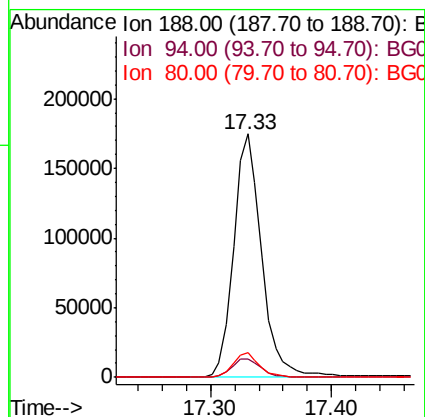
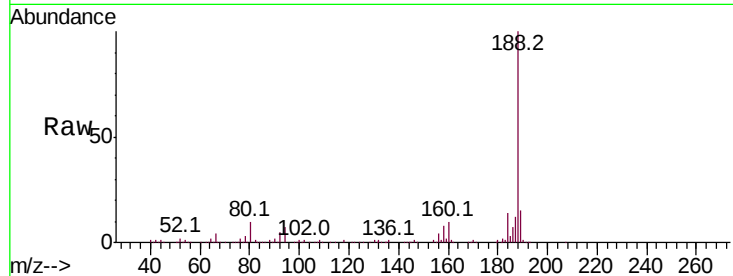




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BG037232.D
Acq: 10 Oct 2018 00:41

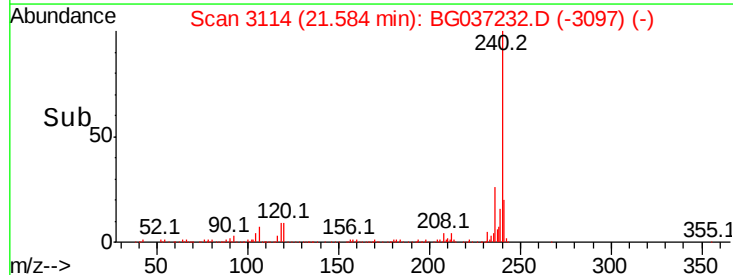
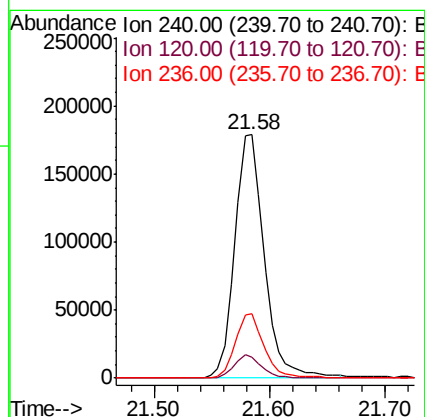
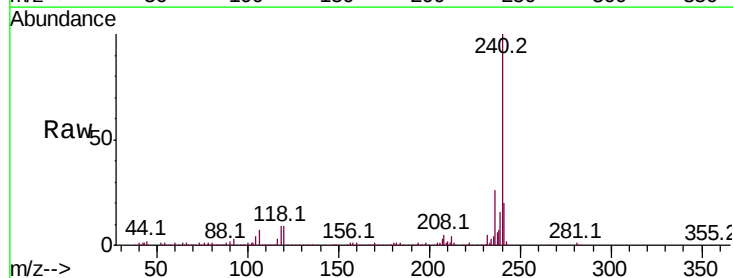
Instrument :
BNA_G
ClientSampleId :
EO-02-100818-A

Tot Ion:188 Resp: 281941
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 10.1 8.1 12.1



#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





#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 :

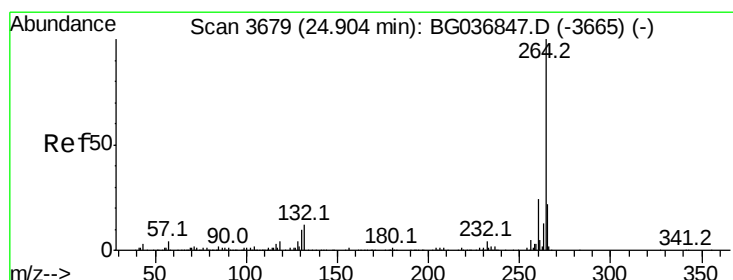
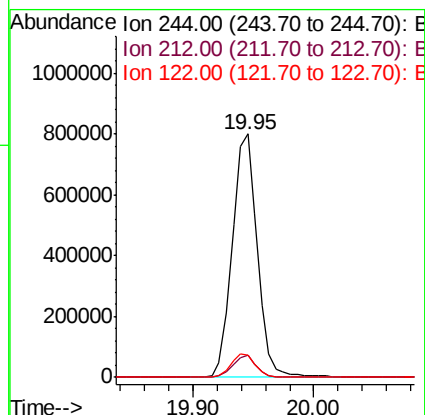
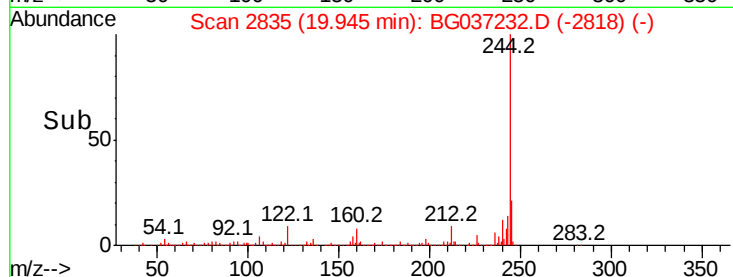
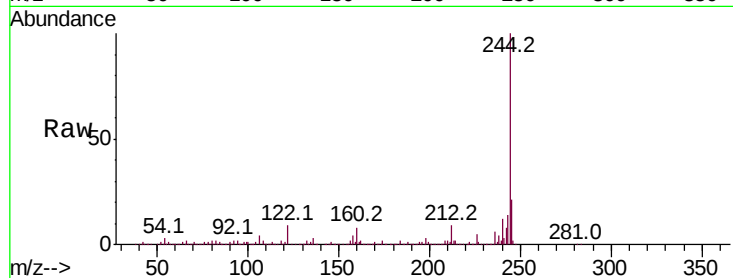
BNA_G

ClientSampleId :

EO-02-100818-A

Tot Ion:244 Resp: 1154904

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.2	7.1	10.7



#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

