

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036635.D
 Acq On : 10 Sep 2018 21:37
 Operator : JU/SJ
 Sample : J4776-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-090718-A

Quant Time: Sep 11 02:28:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58893	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	250598	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	173476	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	422631	20.00	ng	0.00
75) Chrysene-d12	21.69	240	426496	20.00	ng	0.00
86) Perylene-d12	24.90	264	331188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	402046	108.29	ng	0.00
7) Phenol-d6	7.21	99	528005	99.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	395533	85.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	225823	109.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	946687	77.92	ng	0.00
78) Terphenyl-d14	20.03	244	1559070	85.44	ng	0.00

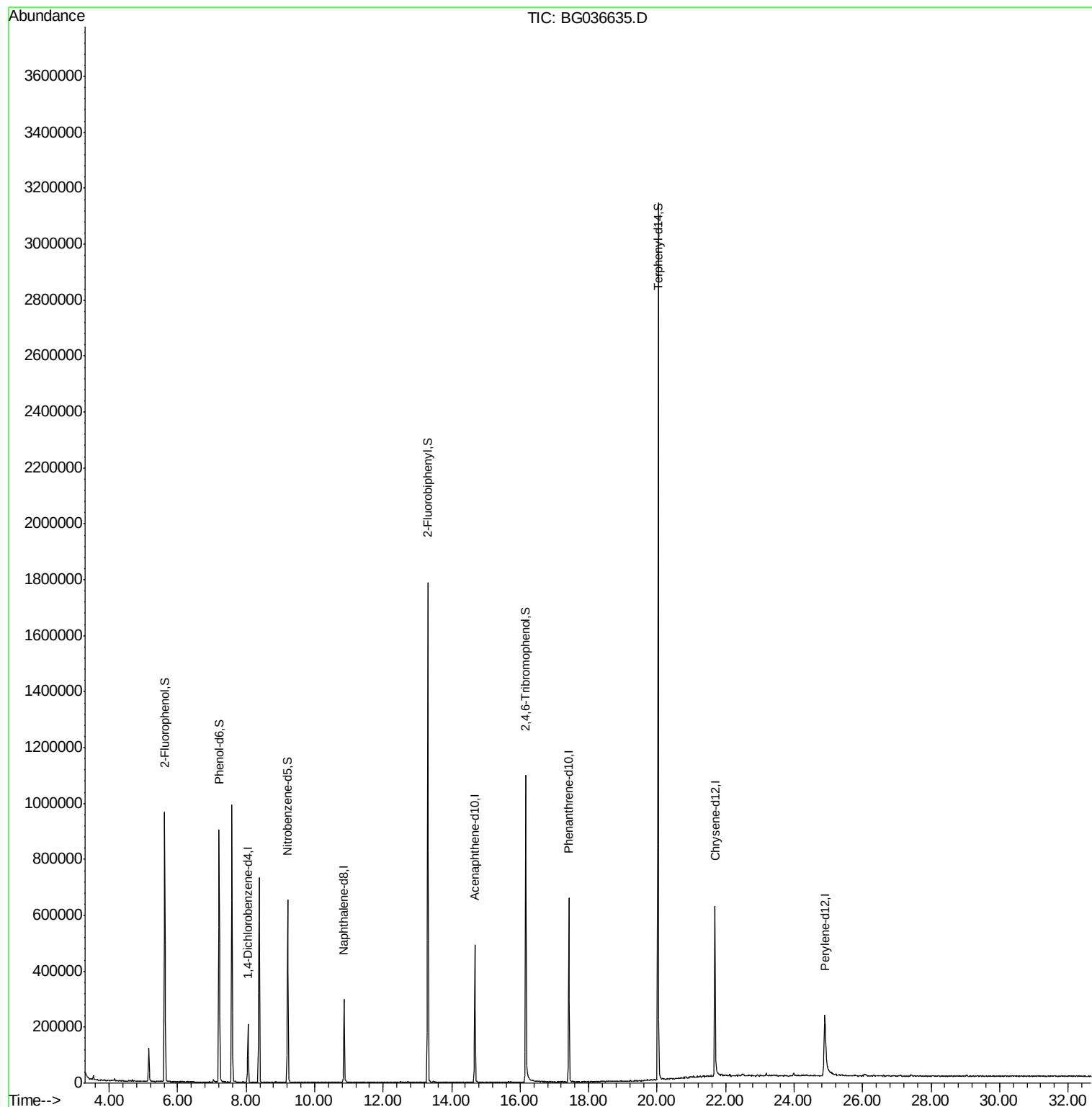
Target Compounds Qvalue

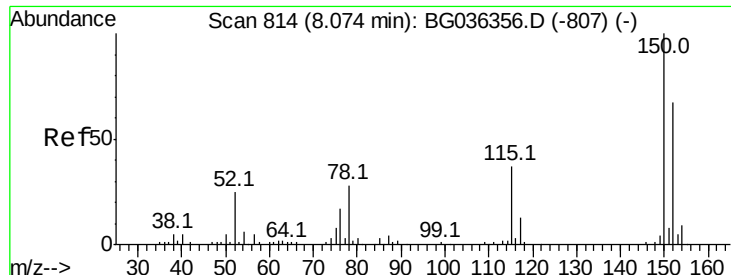
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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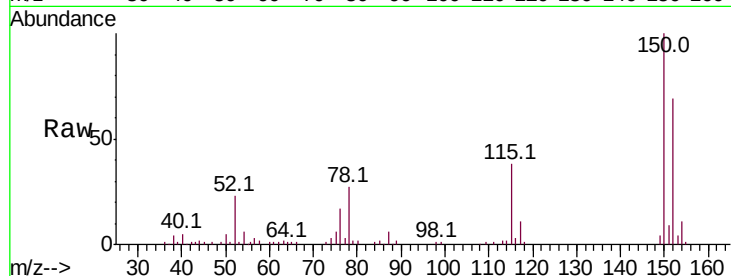


#1

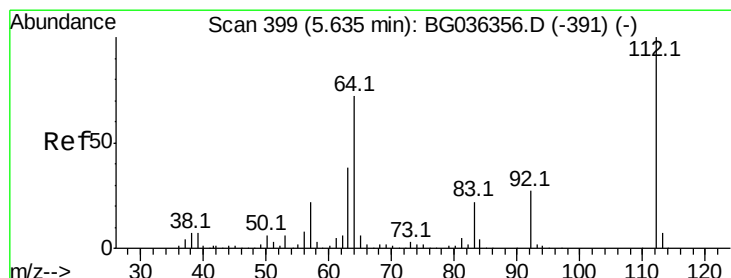
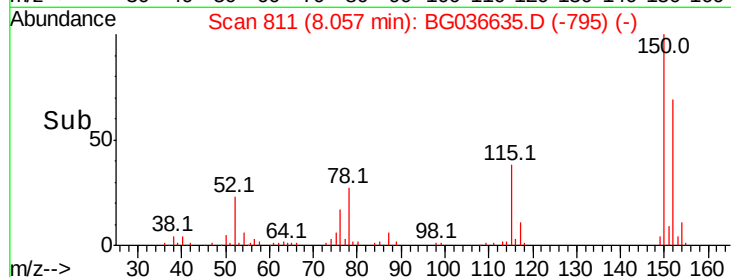
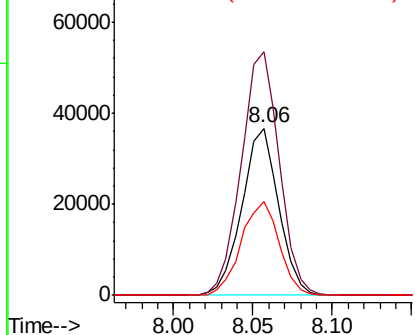
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-090718-A

Tot Ion:152 Resp: 58893
 Ion Ratio Lower Upper
 152 100
 150 145.9 119.5 179.3
 115 56.1 44.5 66.7



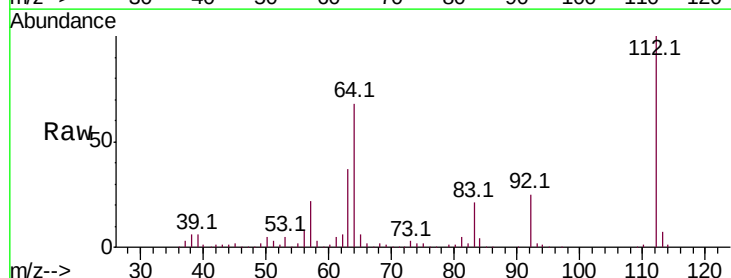
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



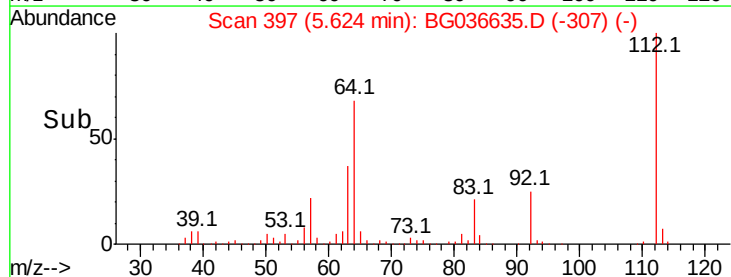
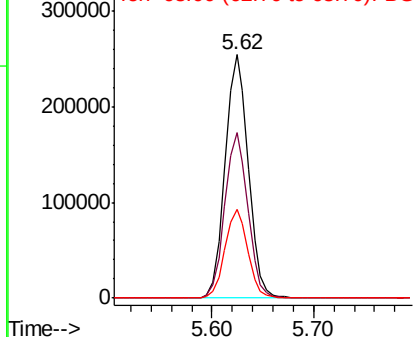
#5

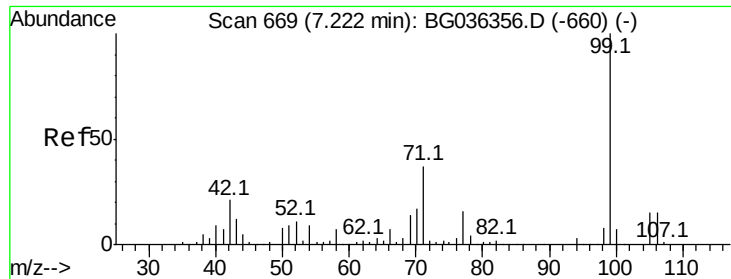
2-Fluorophenol
 Concen: 108.292 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Tgt Ion:112 Resp: 402046
 Ion Ratio Lower Upper
 112 100
 64 68.2 57.2 85.8
 63 36.5 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: 99.332 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Instrument :

BNA_G

ClientSampleId :

EO-02-090718-A

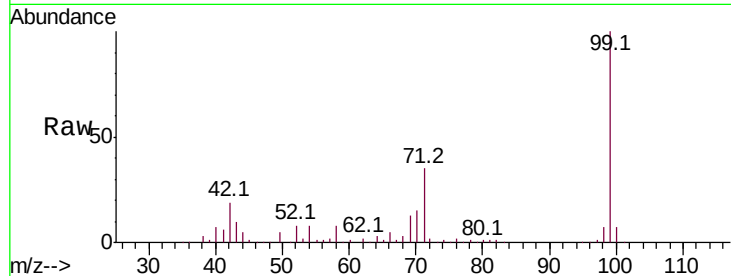
Tot Ion: 99 Resp: 528005

Ion Ratio Lower Upper

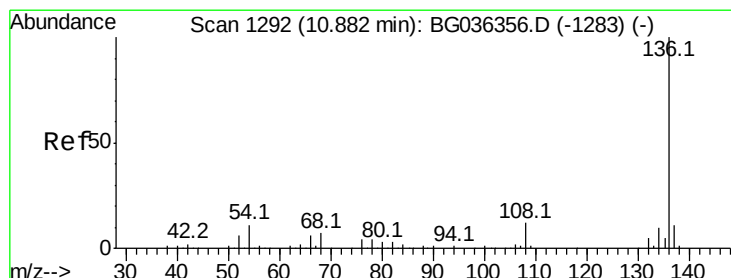
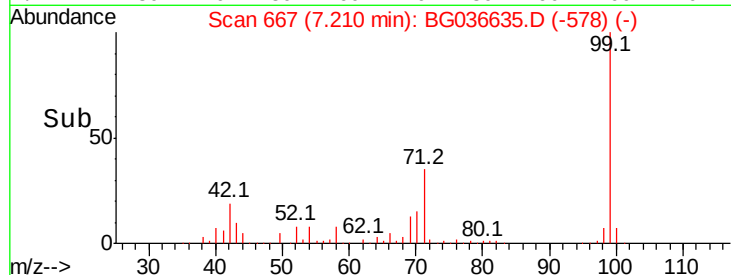
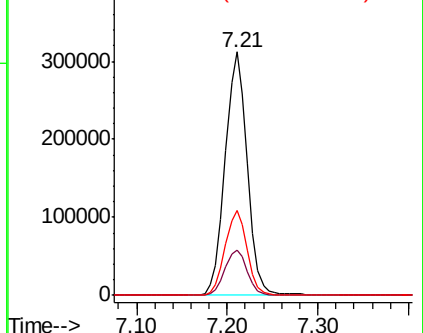
99 100

42 18.7 16.5 24.7

71 34.7 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Tgt Ion: 136 Resp: 250598

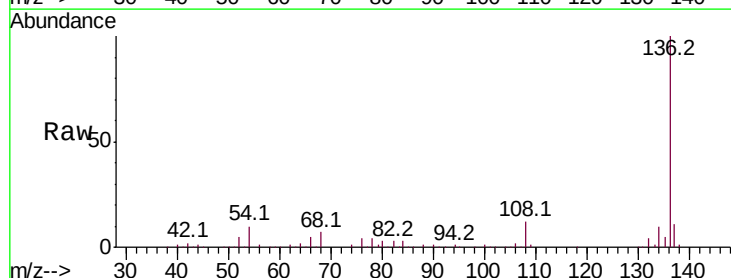
Ion Ratio Lower Upper

136 100

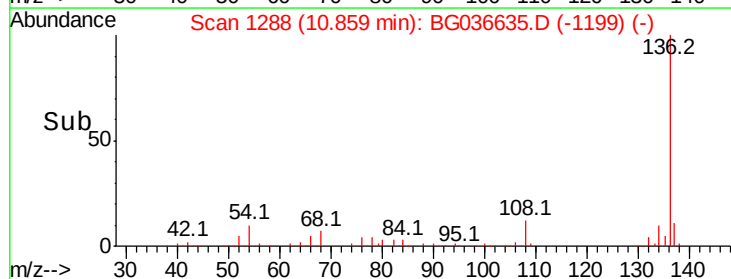
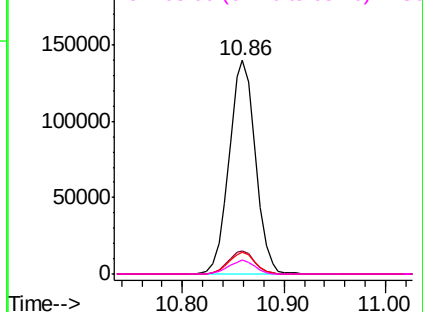
137 10.6 8.8 13.2

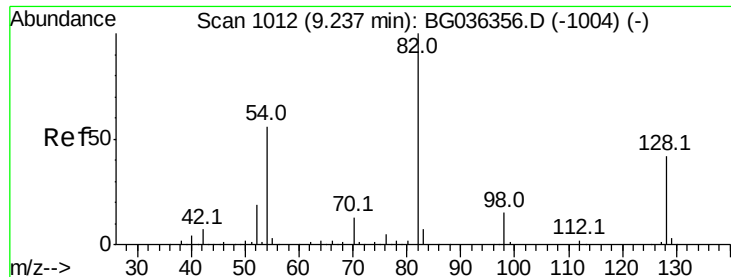
54 10.2 9.2 13.8

68 6.9 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: 85.636 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

Instrument :

BNA_G

ClientSampleId :

EO-02-090718-A

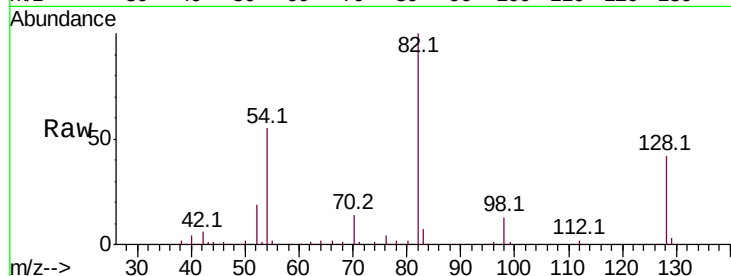
Tot Ion: 82 Resp: 395533

Ion Ratio Lower Upper

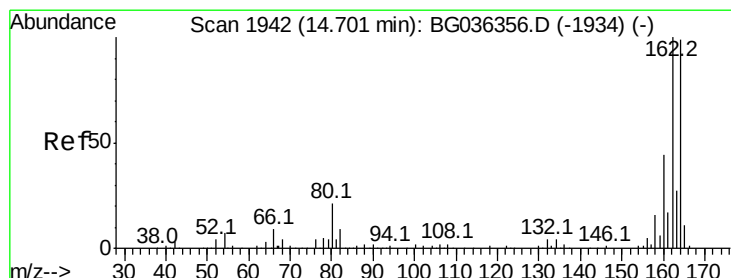
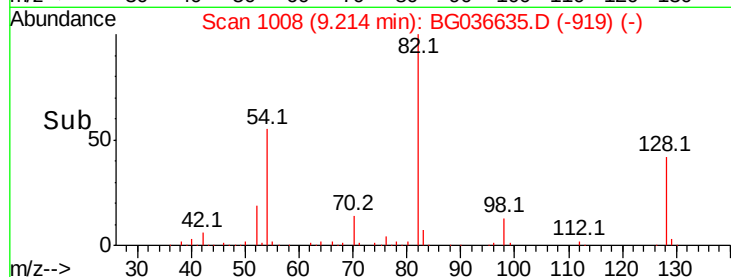
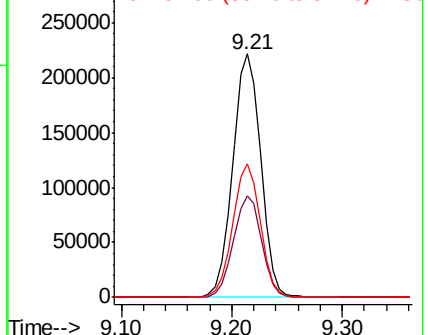
82 100

128 41.9 33.3 49.9

54 54.6 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: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036635.D

Acq: 10 Sep 2018 21:37

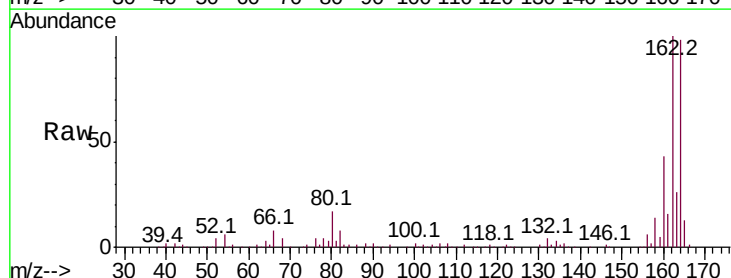
Tgt Ion: 164 Resp: 173476

Ion Ratio Lower Upper

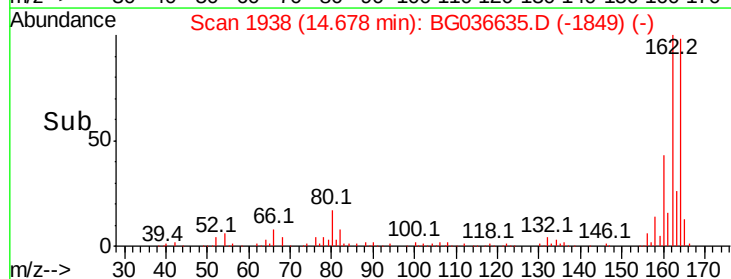
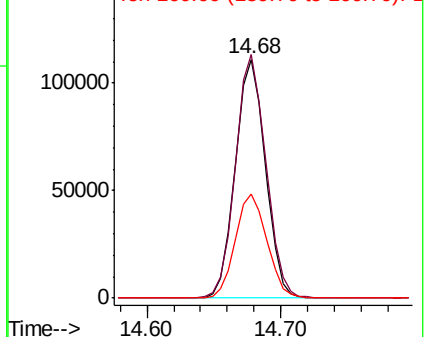
164 100

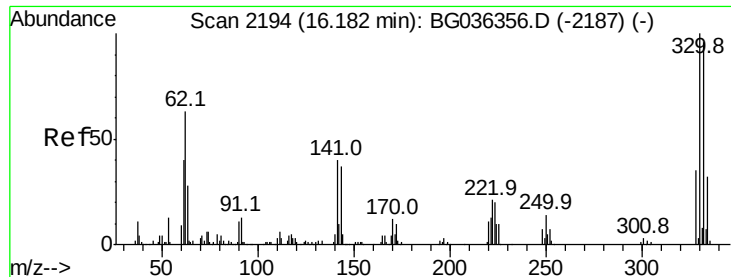
162 102.0 80.7 121.1

160 43.7 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

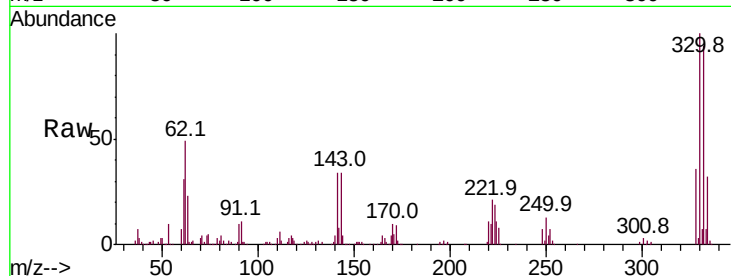




#41
 2,4,6-Tribromophenol
 Concen: 109.096 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-090718-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	35.2	30.7	46.1

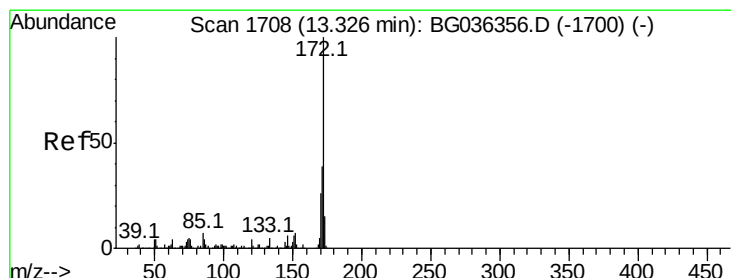
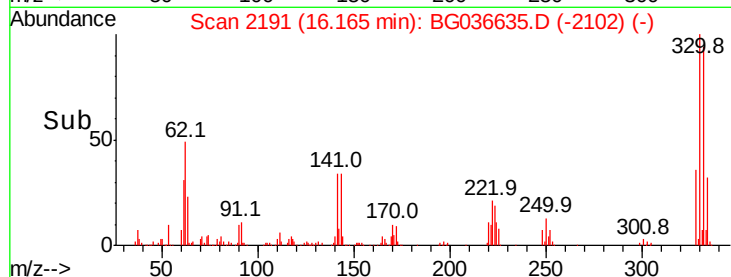
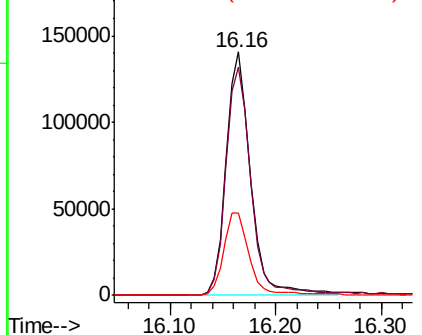


Abundance

Ion 329.80 (329.50 to 330.50): E

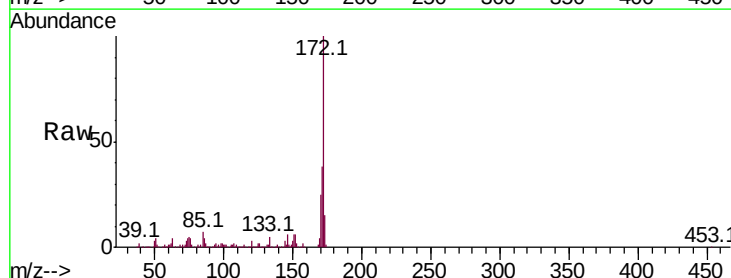
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.918 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.2	21.0	31.6

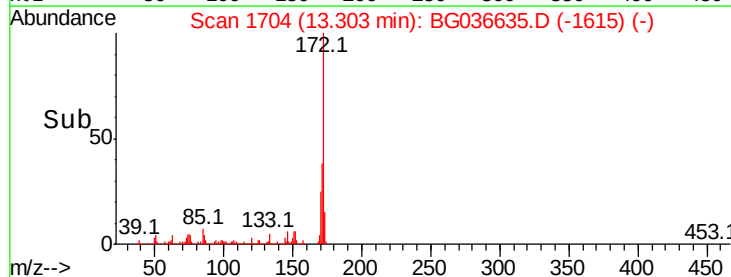
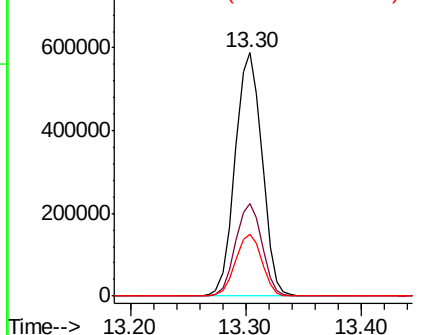


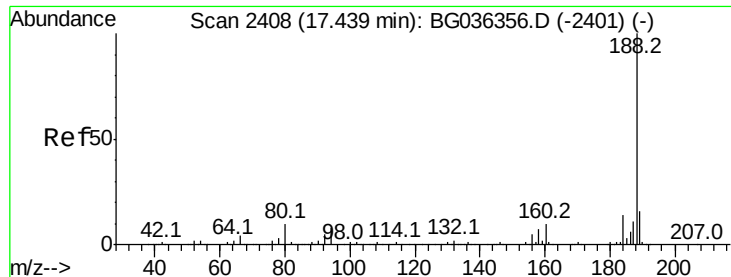
Abundance

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

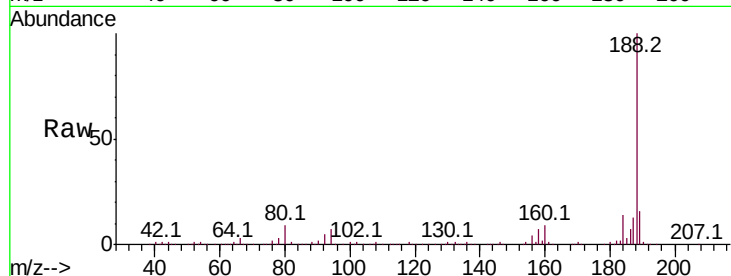




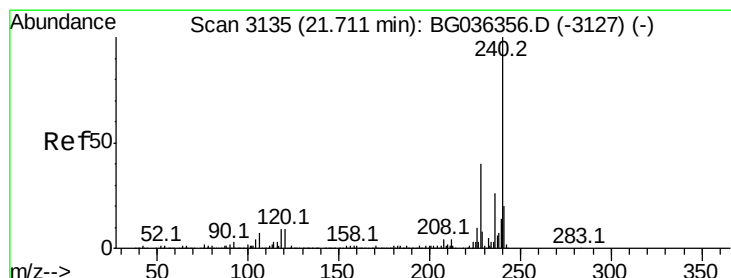
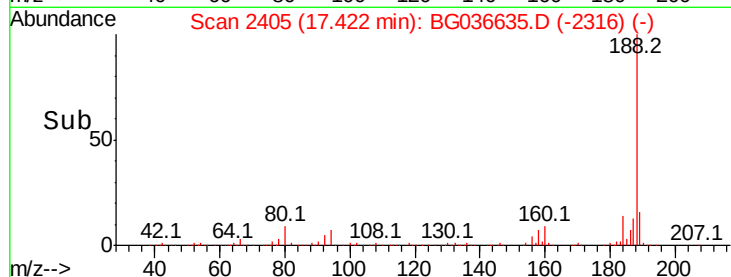
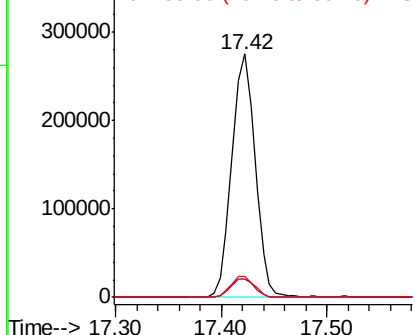
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Instrument :
BNA_G
ClientSampleId :
EO-02-090718-A

Tot Ion:188 Resp: 422631
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.7 8.1 12.1

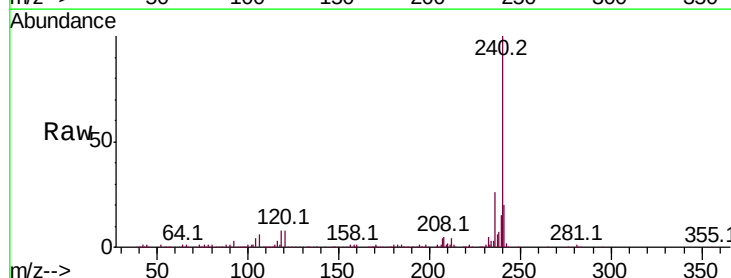


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

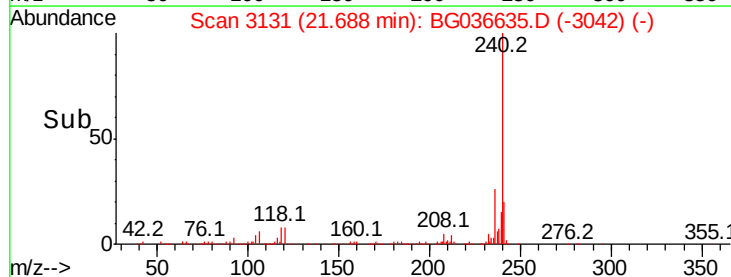
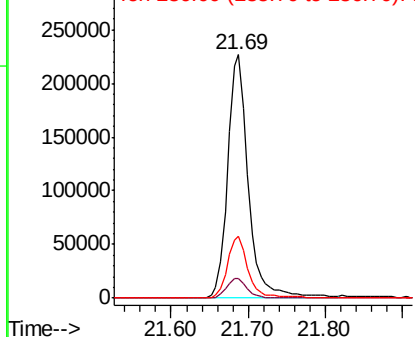


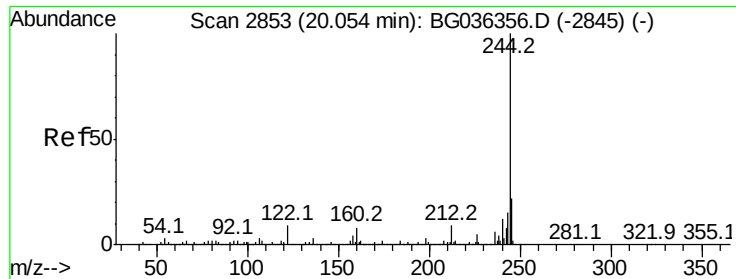
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036635.D
Acq: 10 Sep 2018 21:37

Tgt Ion:240 Resp: 426496
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 25.6 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



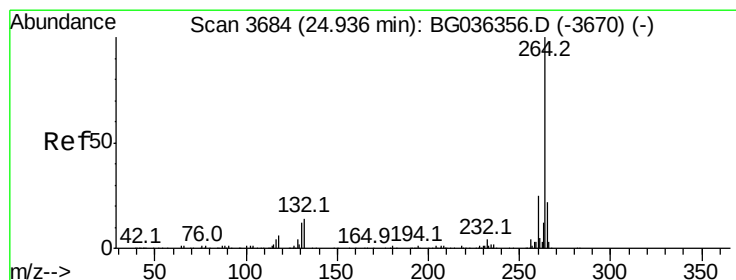
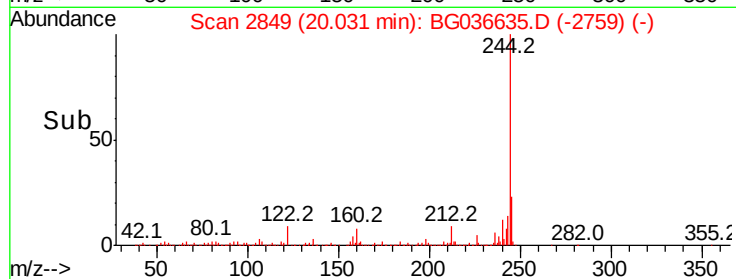
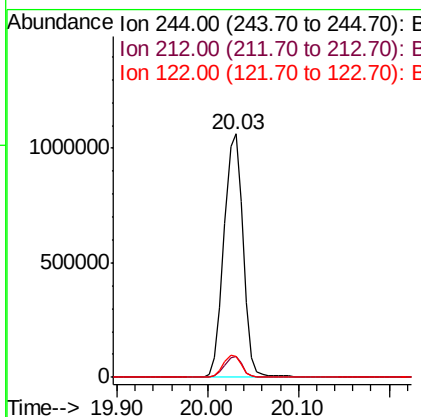
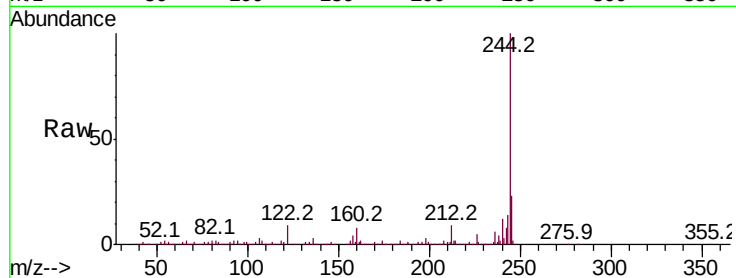


#78
 Terphenyl-d14
 Concen: 85.442 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Instrument :
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 ClientSampleId :
 EO-02-090718-A

Tot Ion:244 Resp: 1559070

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036635.D
 Acq: 10 Sep 2018 21:37

Tgt Ion:264 Resp: 331188

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.5	17.4	26.0

