

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036509.D
 Acq On : 31 Aug 2018 17:10
 Operator : JU/SJ
 Sample : J4721-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID42(4)

Quant Time: Sep 01 01:15:43 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	51416	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218386	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	143657	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	385343	20.00	ng	0.00
75) Chrysene-d12	21.69	240	415317	20.00	ng	0.00
86) Perylene-d12	24.90	264	386592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	330168	101.86	ng	0.00
7) Phenol-d6	7.22	99	413468	89.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	328036	81.50	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	198482	115.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	768147	76.35	ng	0.00
78) Terphenyl-d14	20.03	244	1423853	80.13	ng	0.00

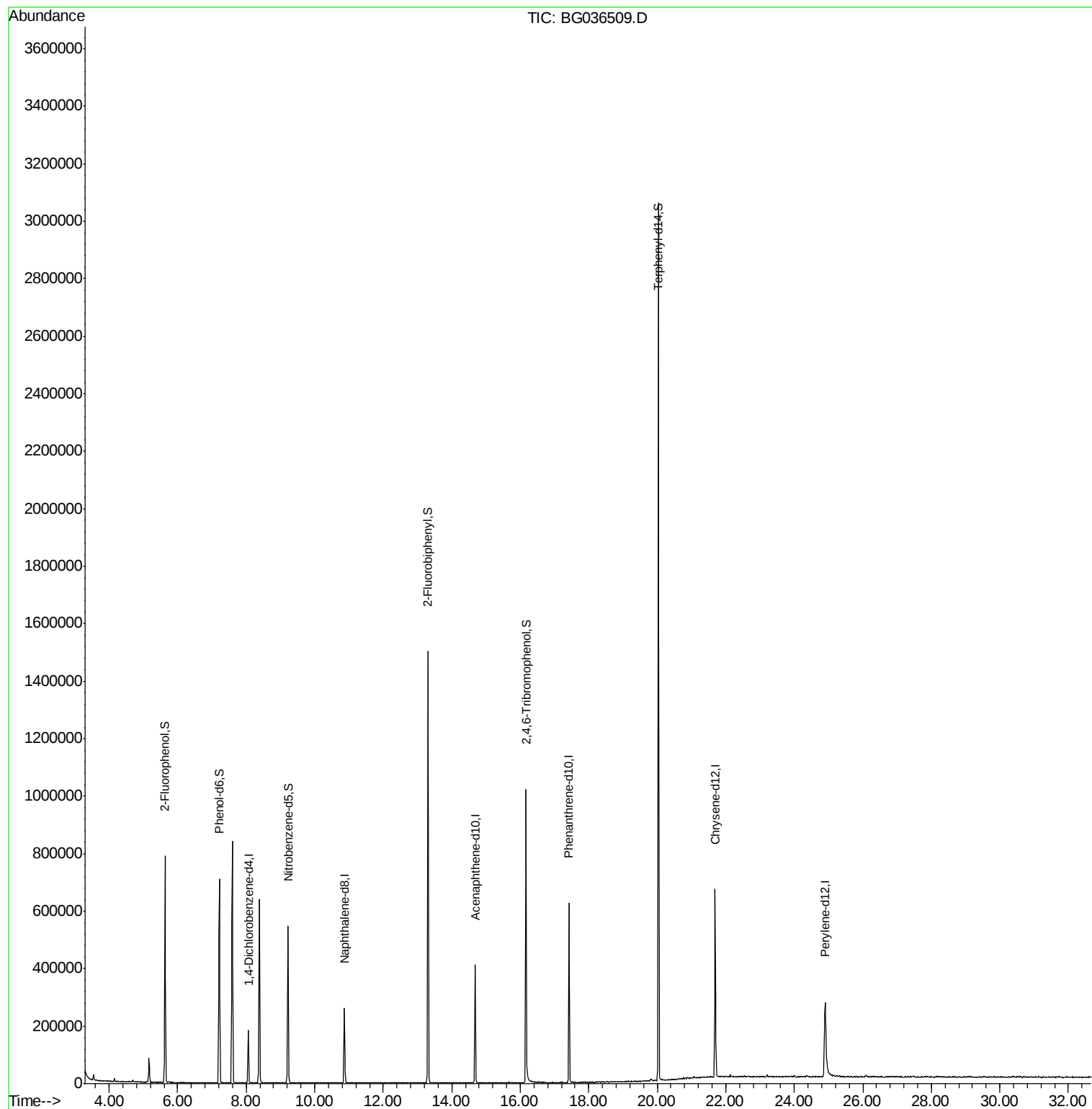
Target Compounds Qvalue

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

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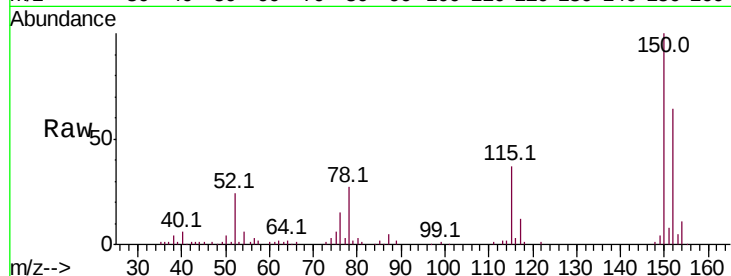


#1

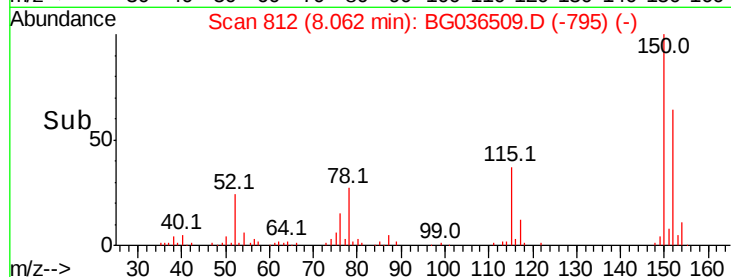
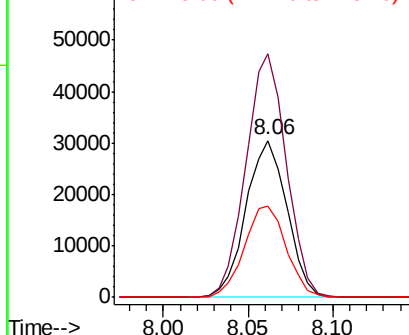
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

Tot Ion:152 Resp: 51416
Ion Ratio Lower Upper
152 100
150 155.3 119.5 179.3
115 58.1 44.5 66.7



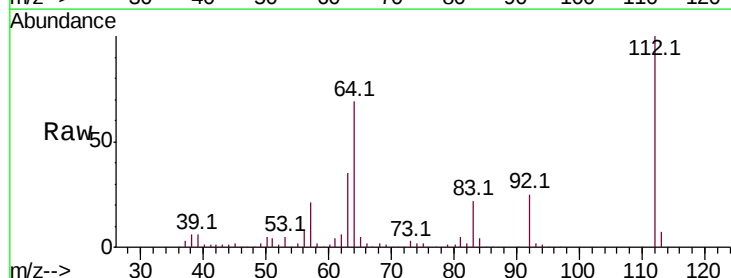
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



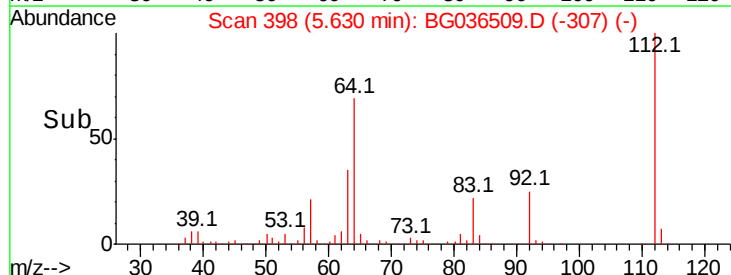
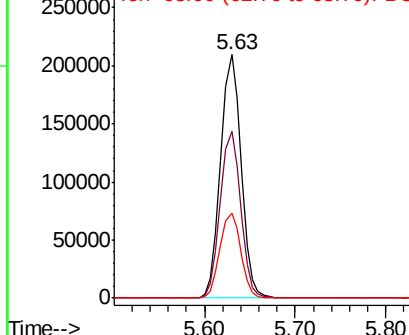
#5

2-Fluorophenol
Concen: 101.864 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:112 Resp: 330168
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 35.0 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: 89.096 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID42(4)

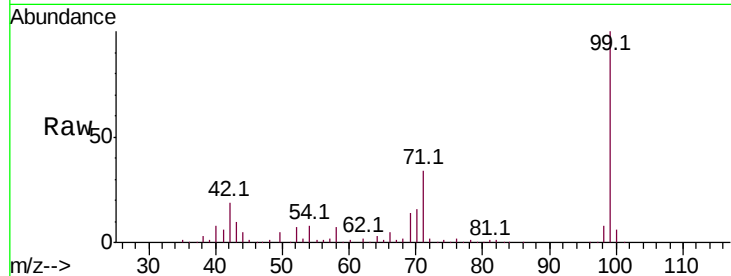
Tot Ion: 99 Resp: 413468

Ion Ratio Lower Upper

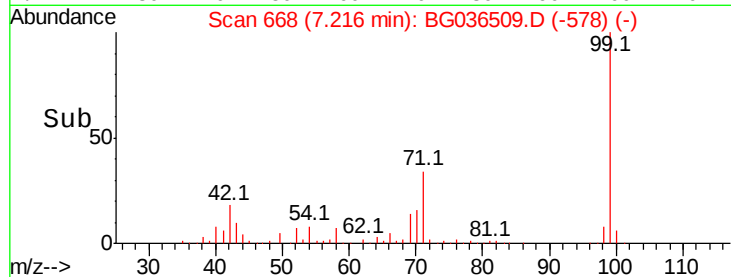
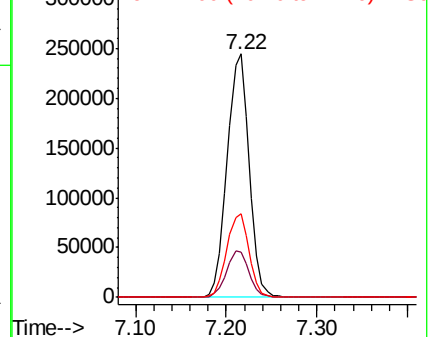
99 100

42 18.5 16.5 24.7

71 34.2 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# 1289

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Tgt Ion: 136 Resp: 218386

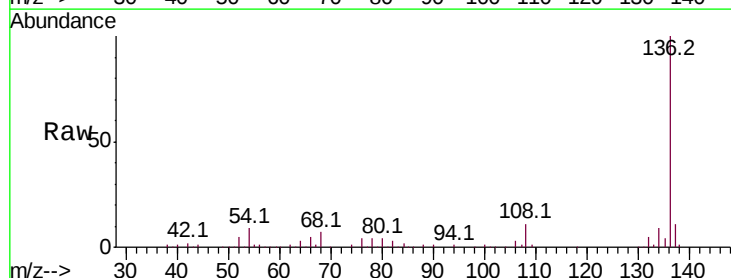
Ion Ratio Lower Upper

136 100

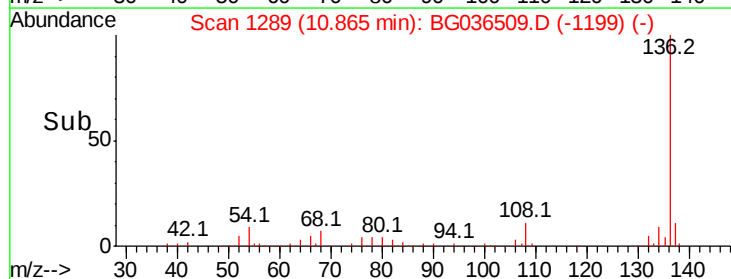
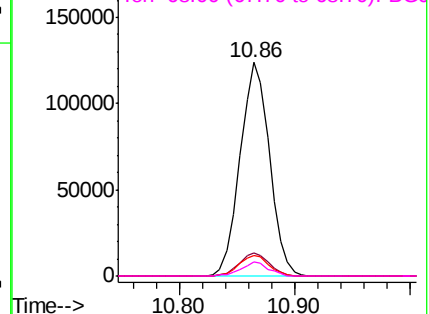
137 10.8 8.8 13.2

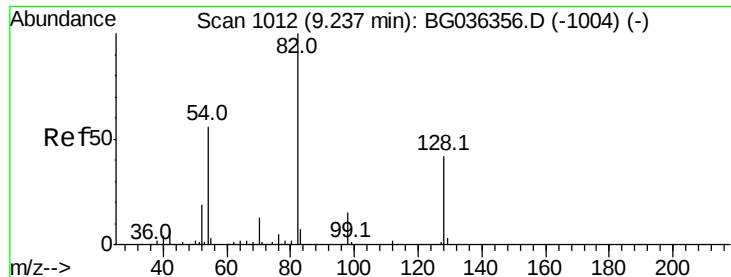
54 9.3 9.2 13.8

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: 81.499 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID42(4)

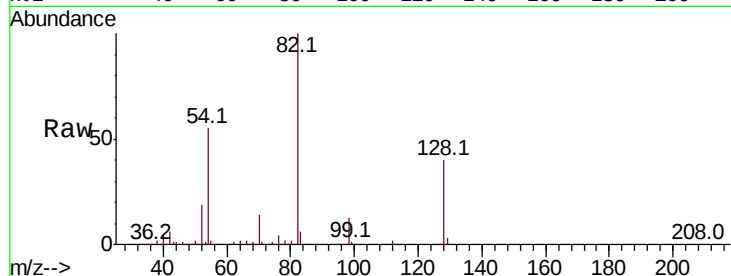
Tot Ion: 82 Resp: 328036

Ion Ratio Lower Upper

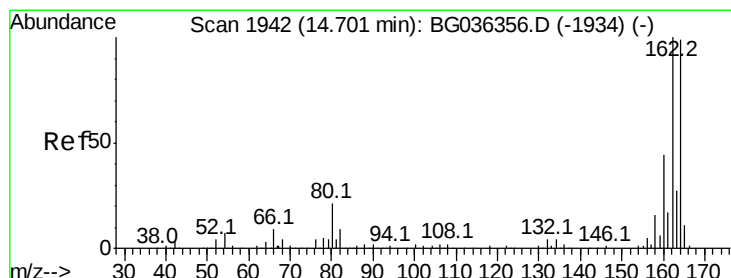
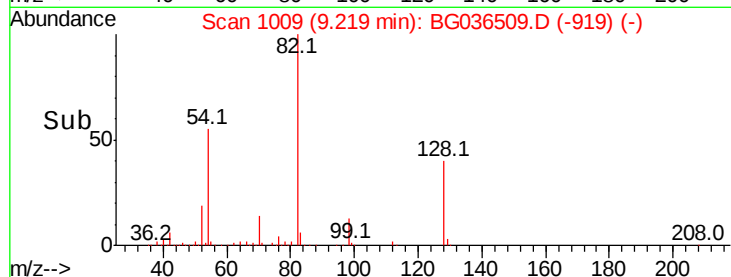
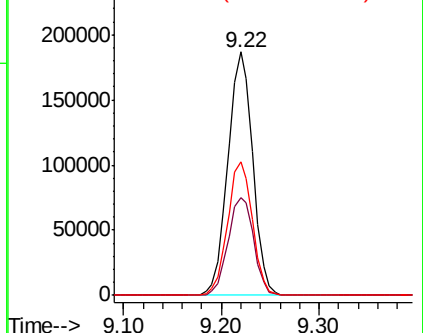
82 100

128 40.0 33.3 49.9

54 54.9 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# 1939

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

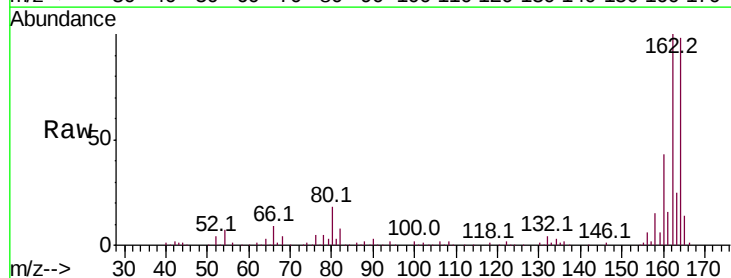
Tgt Ion: 164 Resp: 143657

Ion Ratio Lower Upper

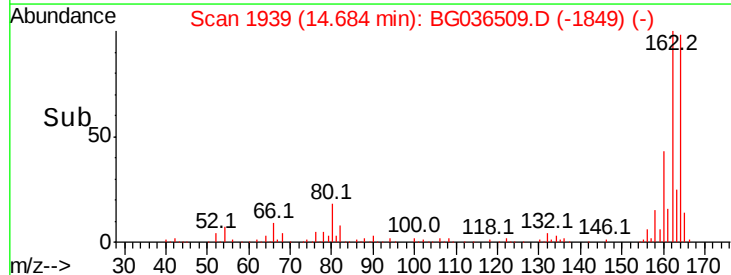
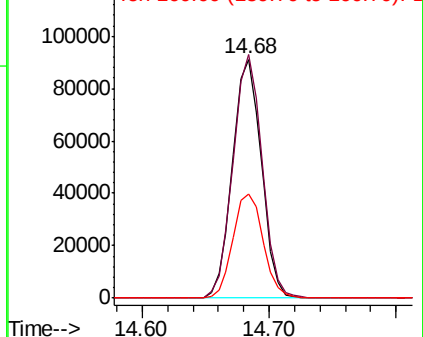
164 100

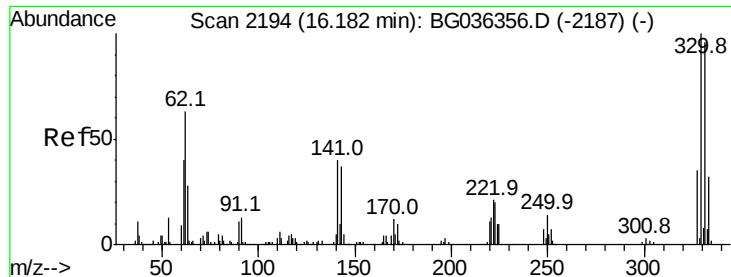
162 101.9 80.7 121.1

160 43.6 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

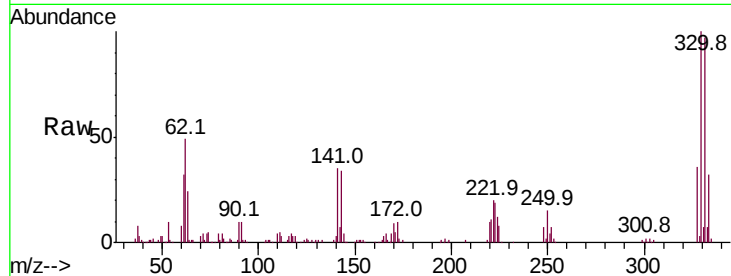




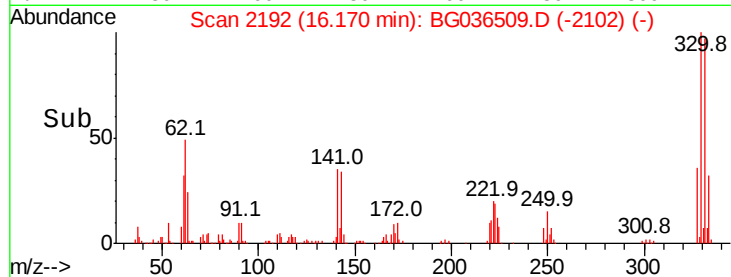
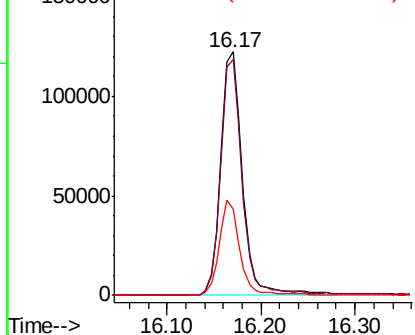
#41
 2,4,6-Tribromophenol
 Concen: 115.790 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID42(4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.4	113.2
141	36.5	30.7	46.1

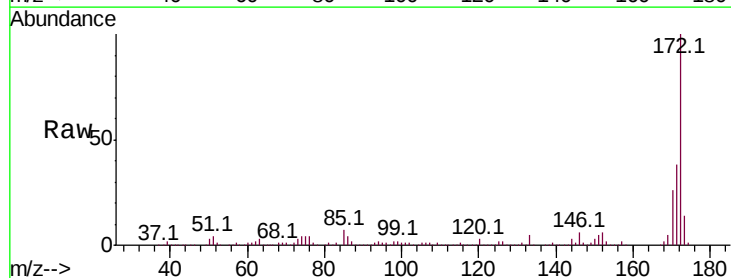


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

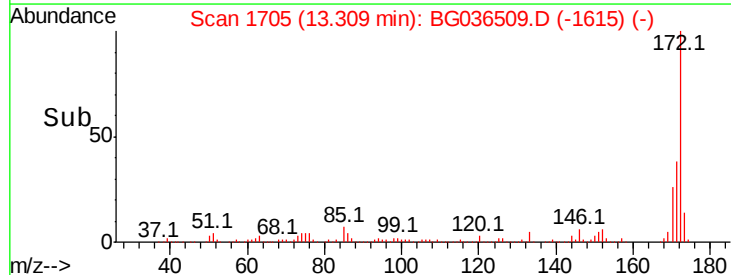
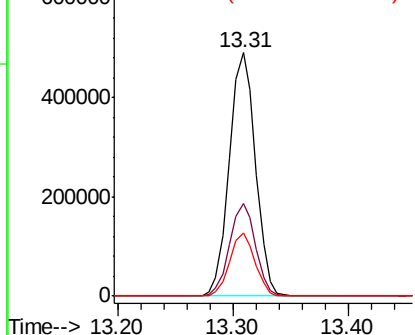


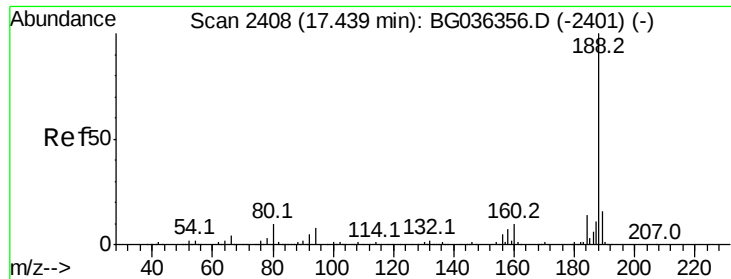
#44
 2-Fluorobiphenyl
 Concen: 76.347 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.0	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

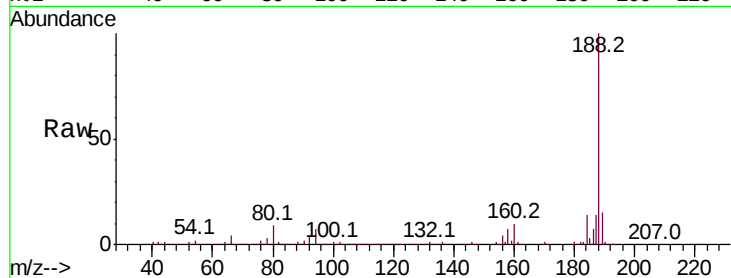




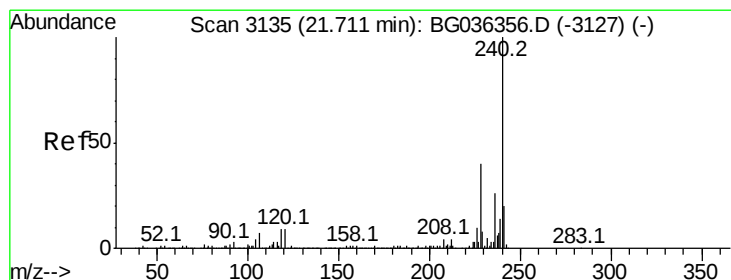
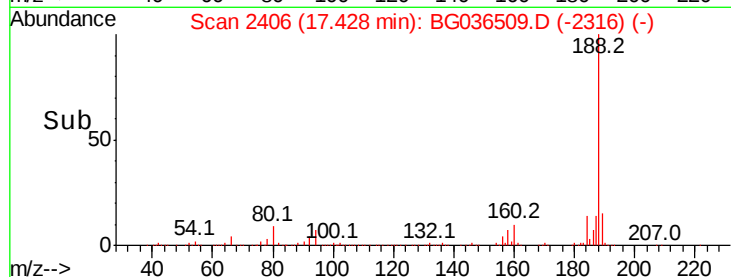
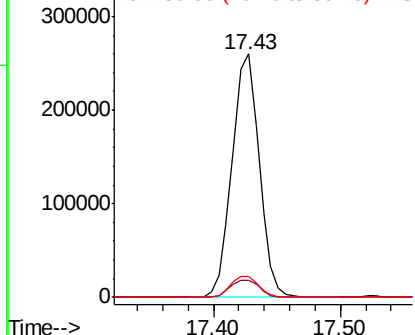
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

Tot Ion:188 Resp: 385343
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 8.7 8.1 12.1

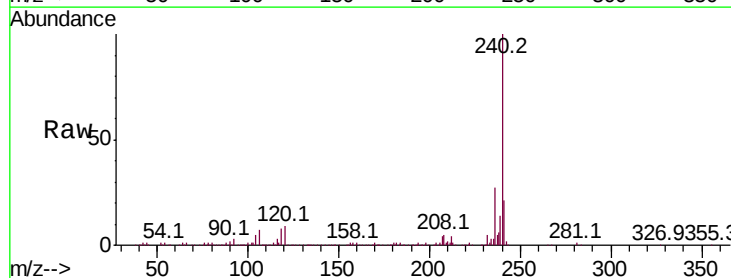


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

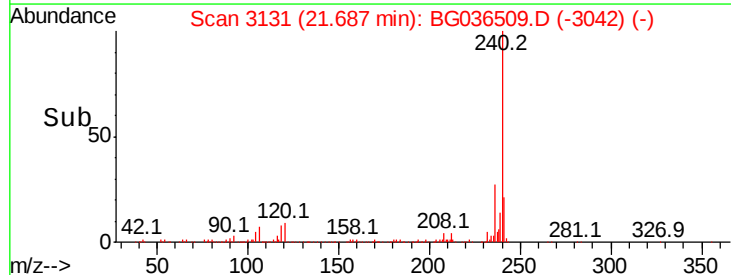
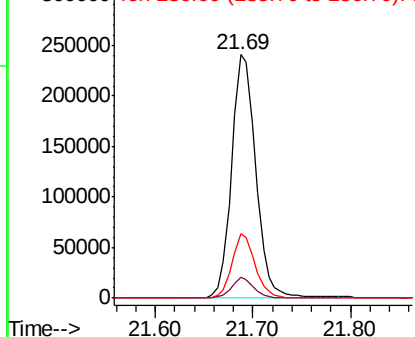


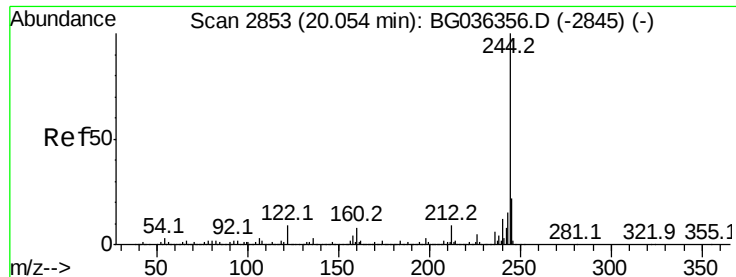
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:240 Resp: 415317
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 26.6 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: 80.132 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID42(4)

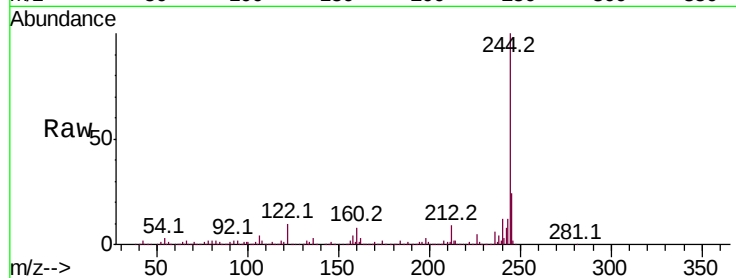
Tot Ion:244 Resp: 1423853

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

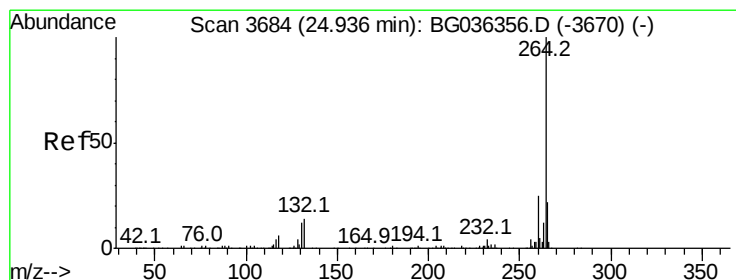
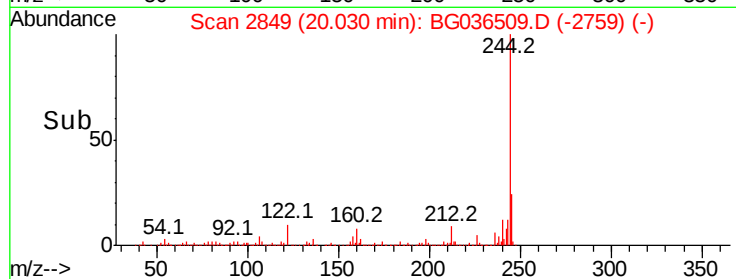
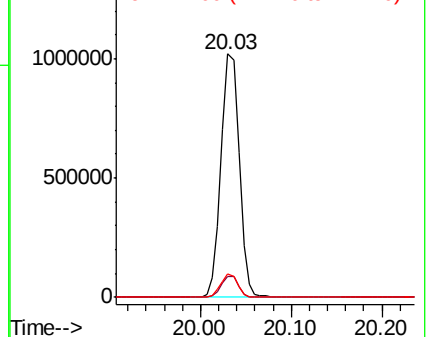
122 9.7 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

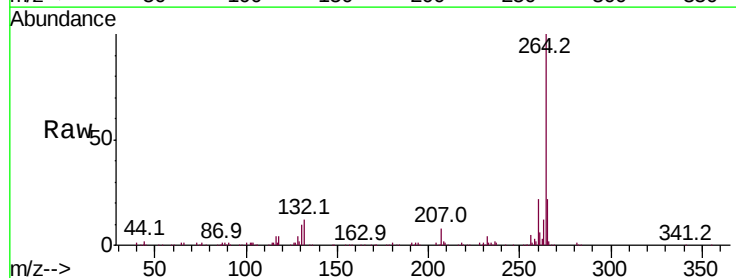
Tgt Ion:264 Resp: 386592

Ion Ratio Lower Upper

264 100

260 21.5 19.6 29.4

265 22.2 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

