

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036493.D
 Acq On : 31 Aug 2018 00:42
 Operator : JU/SJ
 Sample : J4677-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(3)

Quant Time: Aug 31 04:52:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62258	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	257617	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173863	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	459722	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	502115	20.00	ng	-0.02
86) Perylene-d12	24.90	264	484376	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	350606	89.33	ng	0.00
7) Phenol-d6	7.21	99	437307	77.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	368405	77.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	226086	108.98	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	894250	73.44	ng	-0.01
78) Terphenyl-d14	20.03	244	1584103	73.74	ng	-0.02

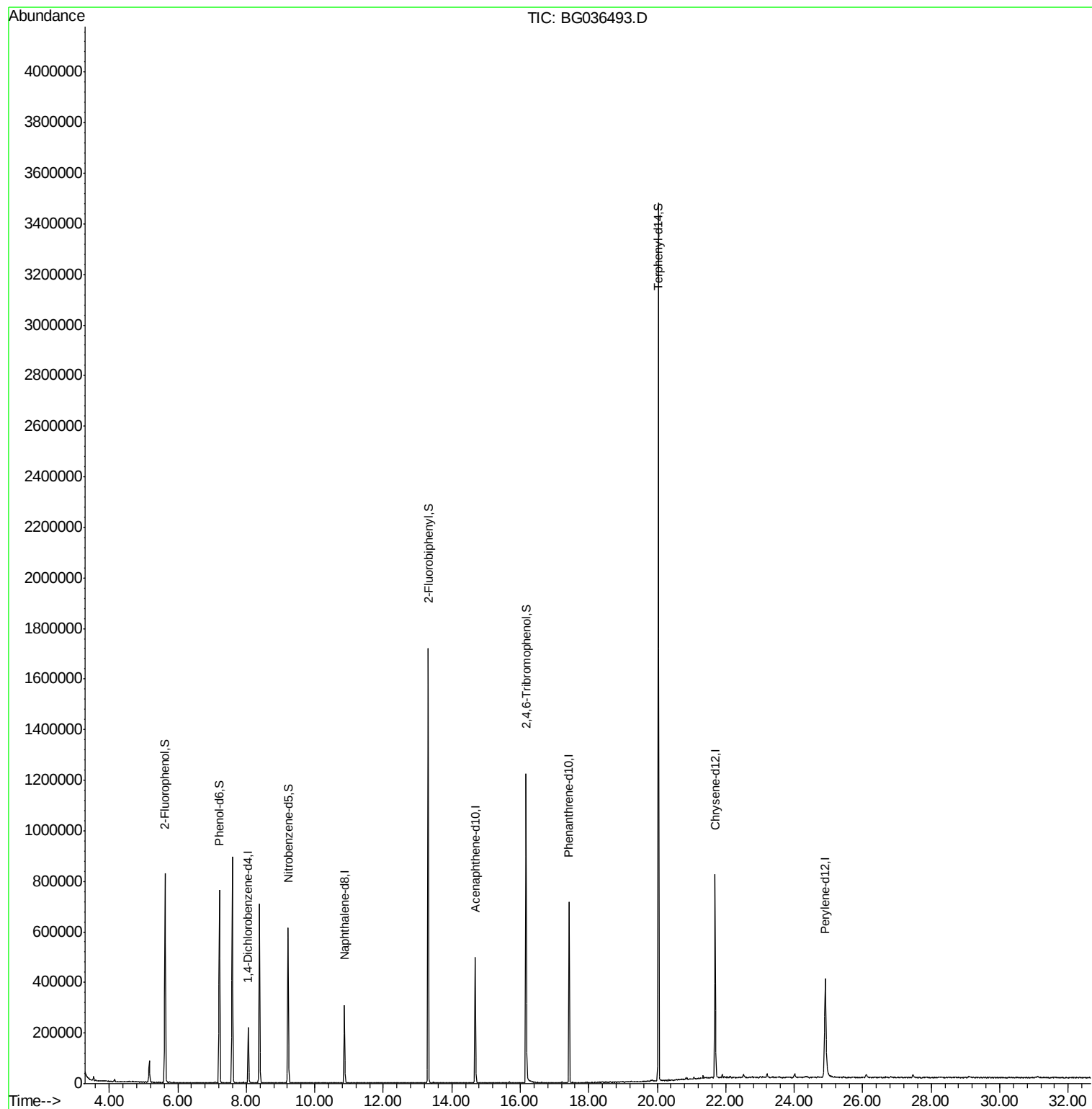
Target Compounds Qvalue

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

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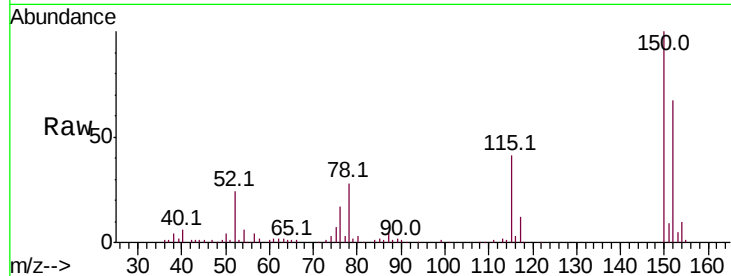


#1

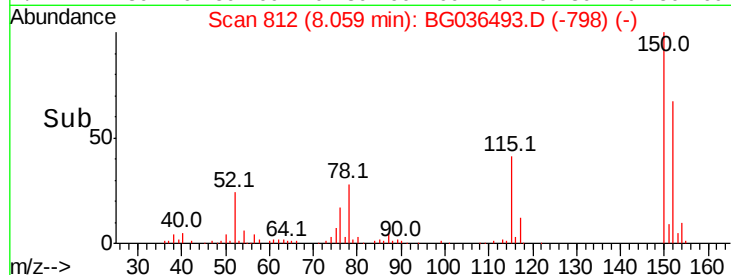
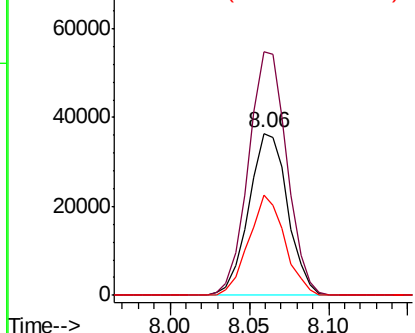
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID-42(3)

Tot Ion:152 Resp: 62258
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 62.0 44.5 66.7



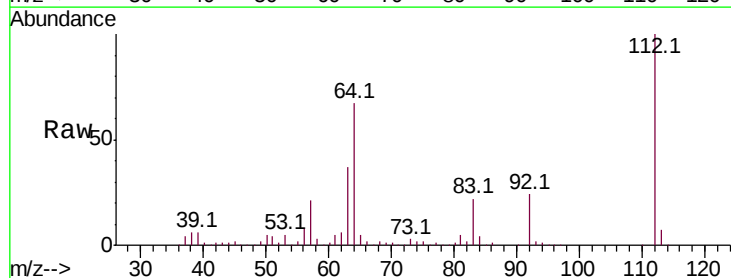
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



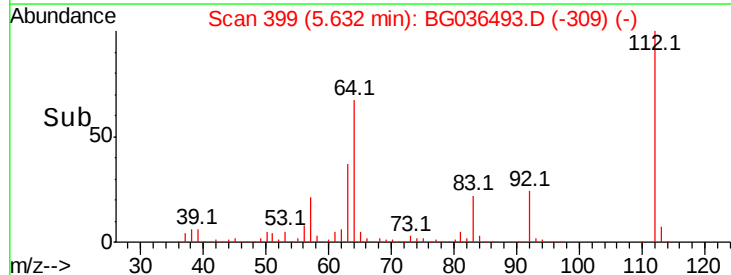
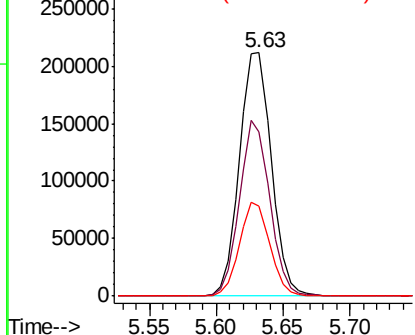
#5

2-Fluorophenol
Concen: 89.332 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion:112 Resp: 350606
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 37.0 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: 77.823 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(3)

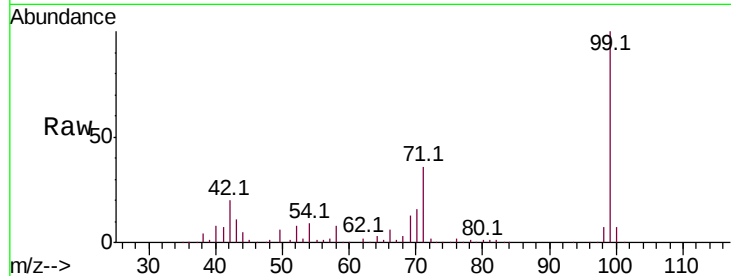
Tot Ion: 99 Resp: 437307

Ion Ratio Lower Upper

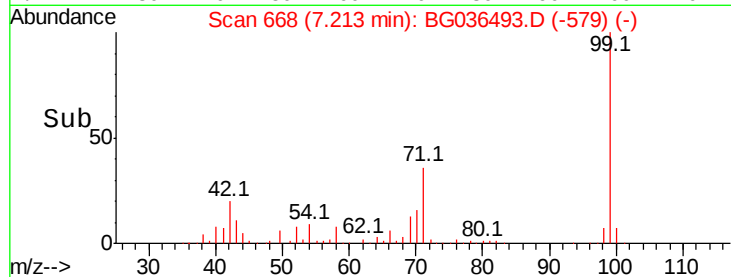
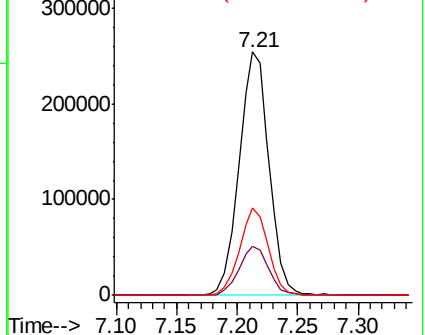
99 100

42 20.1 16.5 24.7

71 36.1 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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

Tgt Ion: 136 Resp: 257617

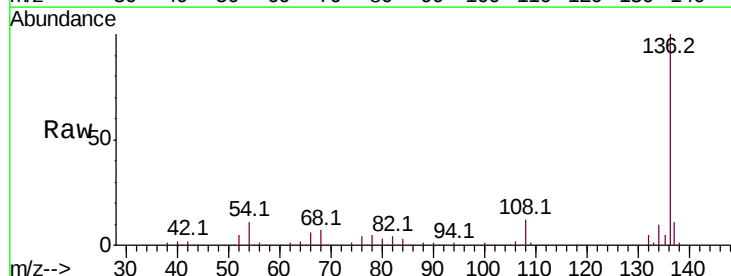
Ion Ratio Lower Upper

136 100

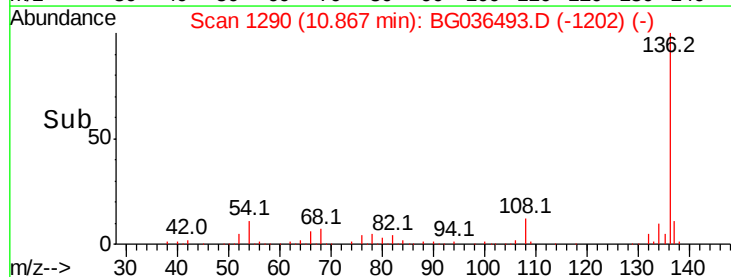
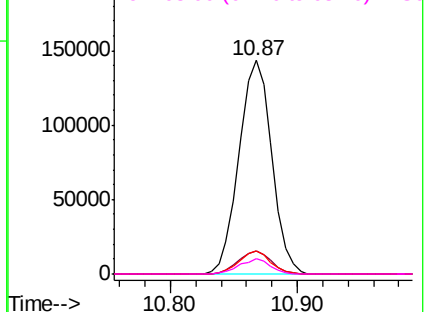
137 11.1 8.8 13.2

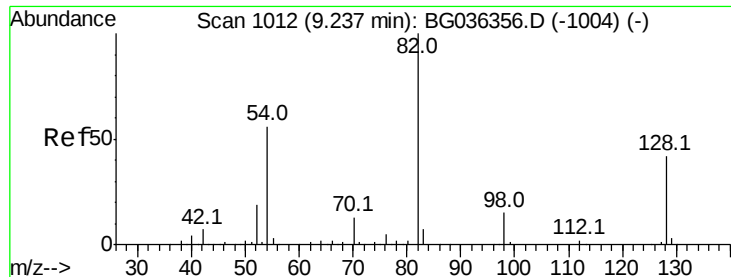
54 10.8 9.2 13.8

68 7.0 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

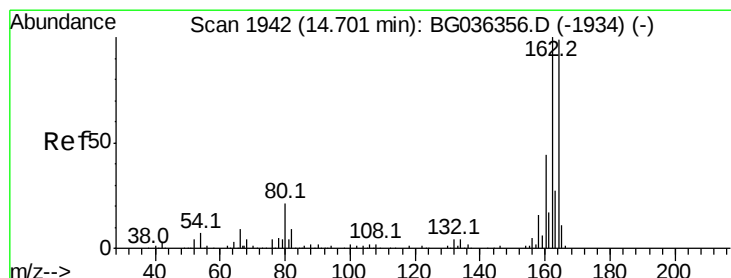
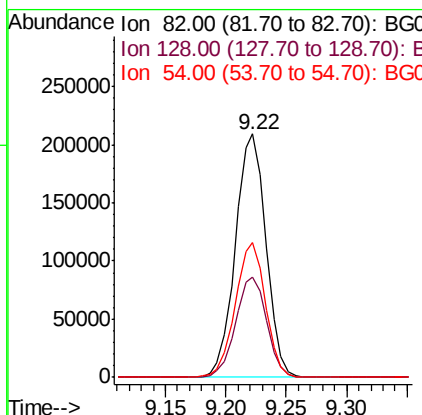
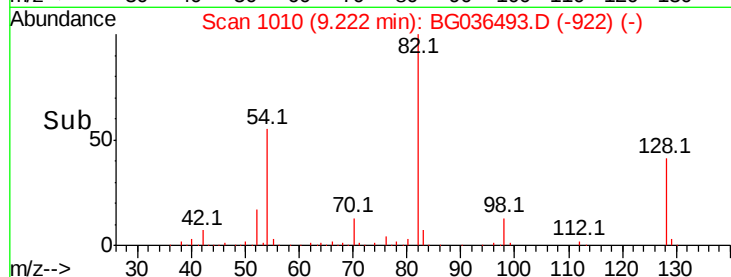
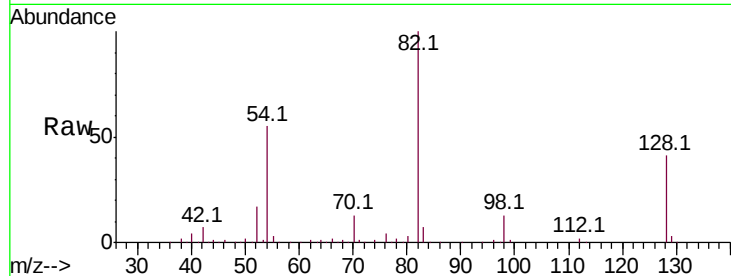




#23
Nitrobenzene-d5
Concen: 77.590 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

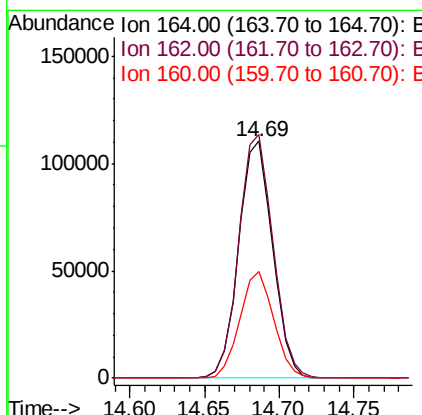
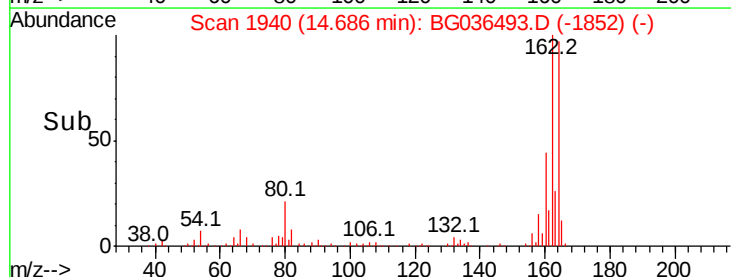
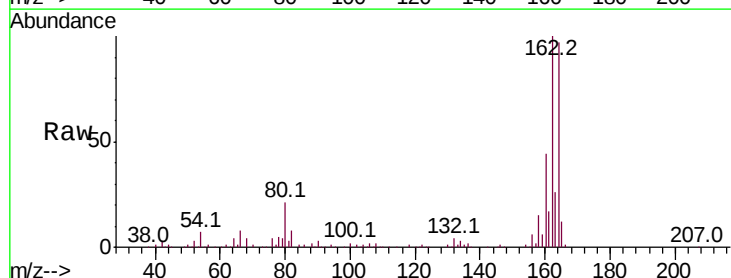
Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID-42(3)

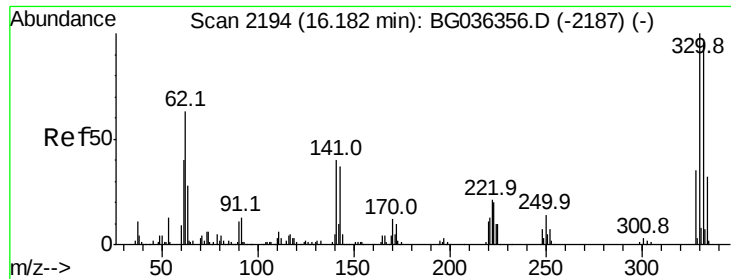
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	55.1	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	45.1	35.3	52.9

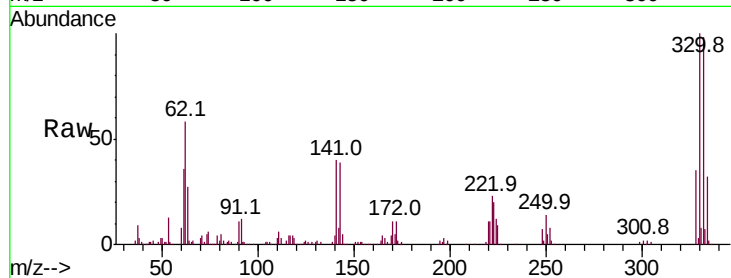




#41
 2,4,6-Tribromophenol
 Concen: 108.979 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036493.D
 Acq: 31 Aug 2018 00:42

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	37.0	30.7	46.1

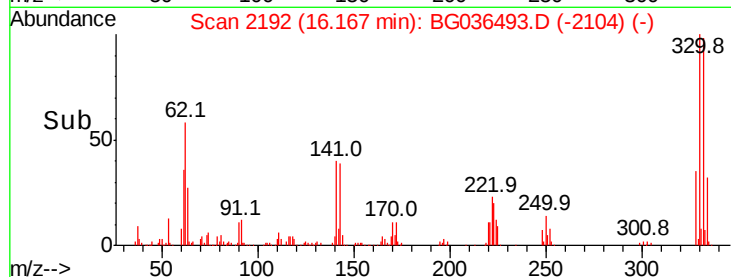
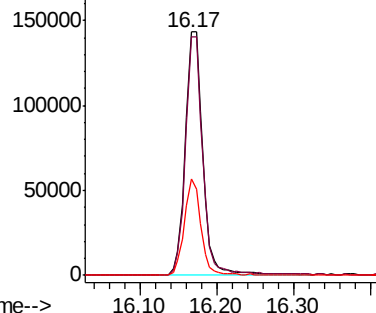


Abundance

Ion 329.80 (329.50 to 330.50): E

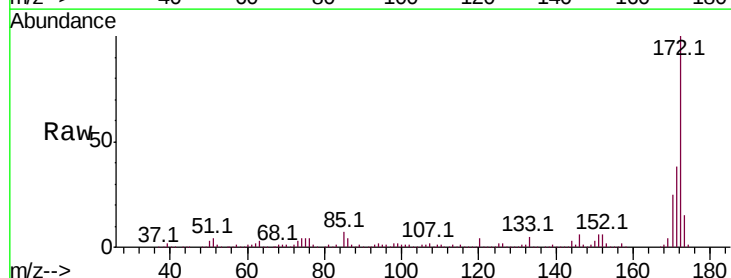
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.439 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036493.D
 Acq: 31 Aug 2018 00:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.9	21.0	31.6

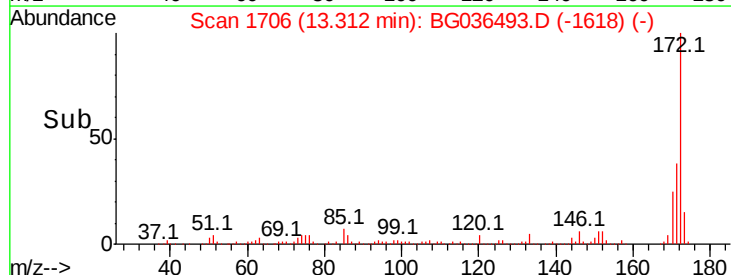
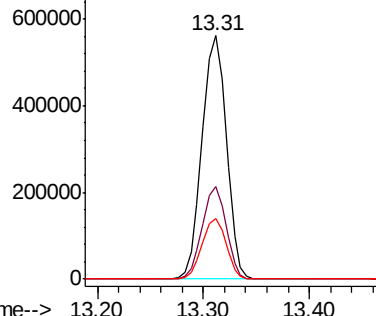


Abundance

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

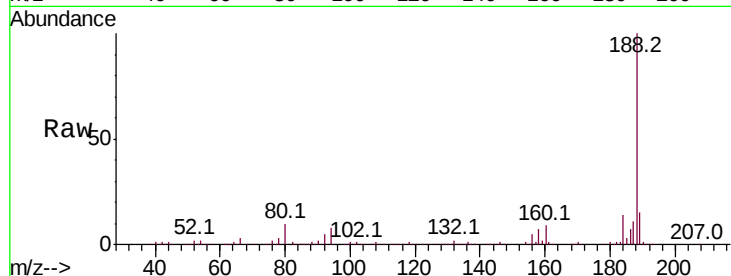




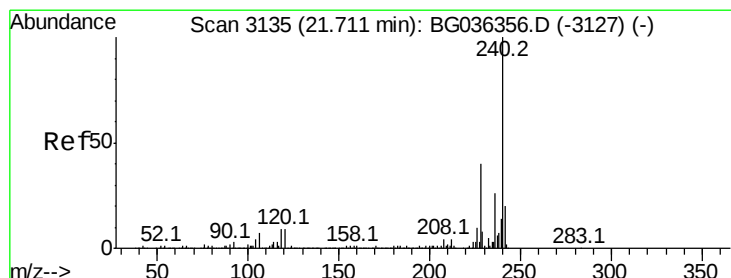
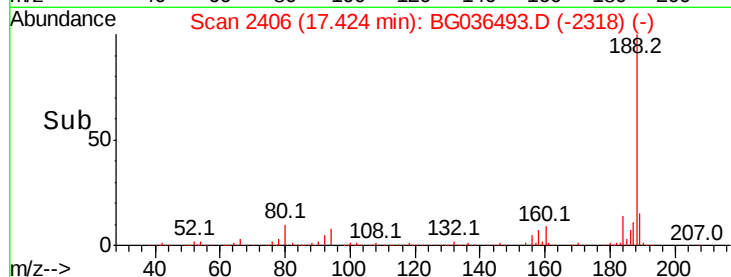
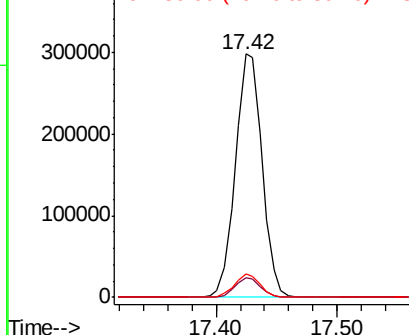
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID-42(3)

Tot Ion:188 Resp: 459722
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.6 8.1 12.1

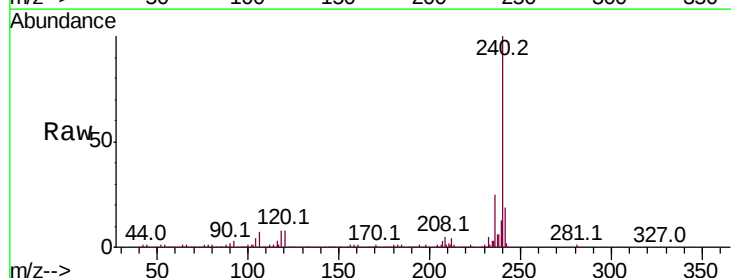


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

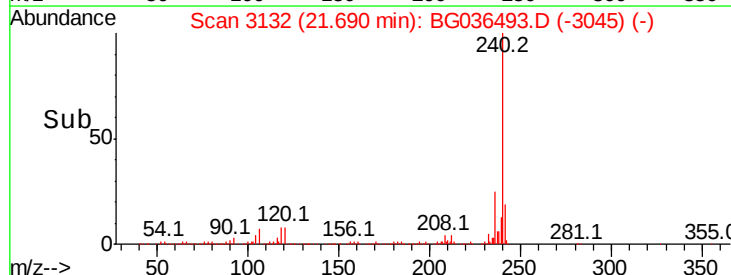
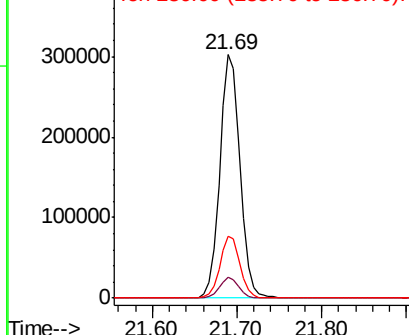


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion:240 Resp: 502115
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.5 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: 73.740 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(3)

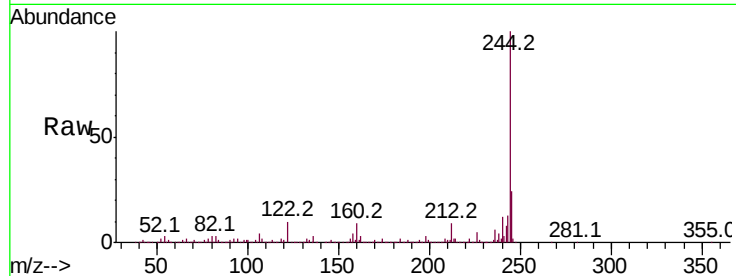
Tot Ion:244 Resp: 1584103

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	10.1	7.1	10.7

244 100

212 8.9 7.0 10.6

122 10.1 7.1 10.7

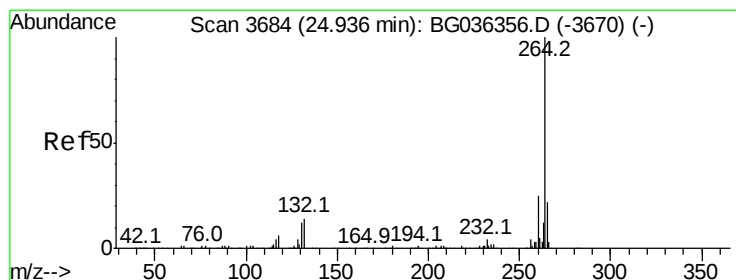
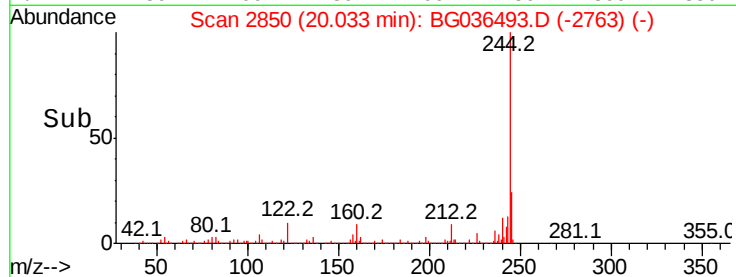
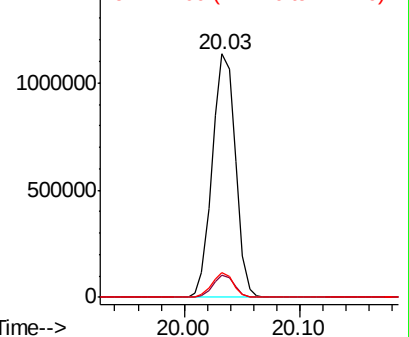


Abundance

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# 3679

Delta R.T. -0.03 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

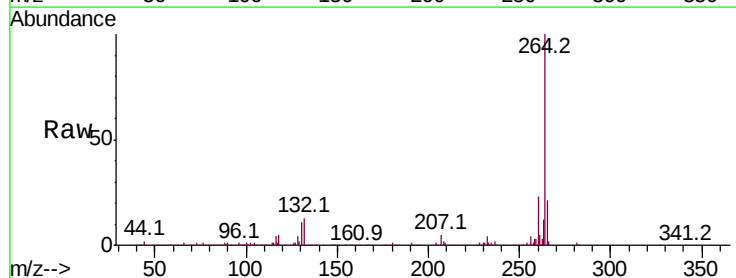
Tgt Ion:264 Resp: 484376

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.2	17.4	26.0

264 100

260 23.1 19.6 29.4

265 21.2 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

