

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036503.D
 Acq On : 31 Aug 2018 13:15
 Operator : JU/SJ
 Sample : J4677-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 31 13:57:15 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	60982	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	257047	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	168737	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	449946	20.00	ng	0.00
75) Chrysene-d12	21.69	240	482410	20.00	ng	0.00
86) Perylene-d12	24.90	264	461140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	351346	91.39	ng	0.00
7) Phenol-d6	7.21	99	434038	78.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	364645	76.97	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	201584	100.12	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	879576	74.43	ng	0.00
78) Terphenyl-d14	20.03	244	1571801	76.16	ng	0.00

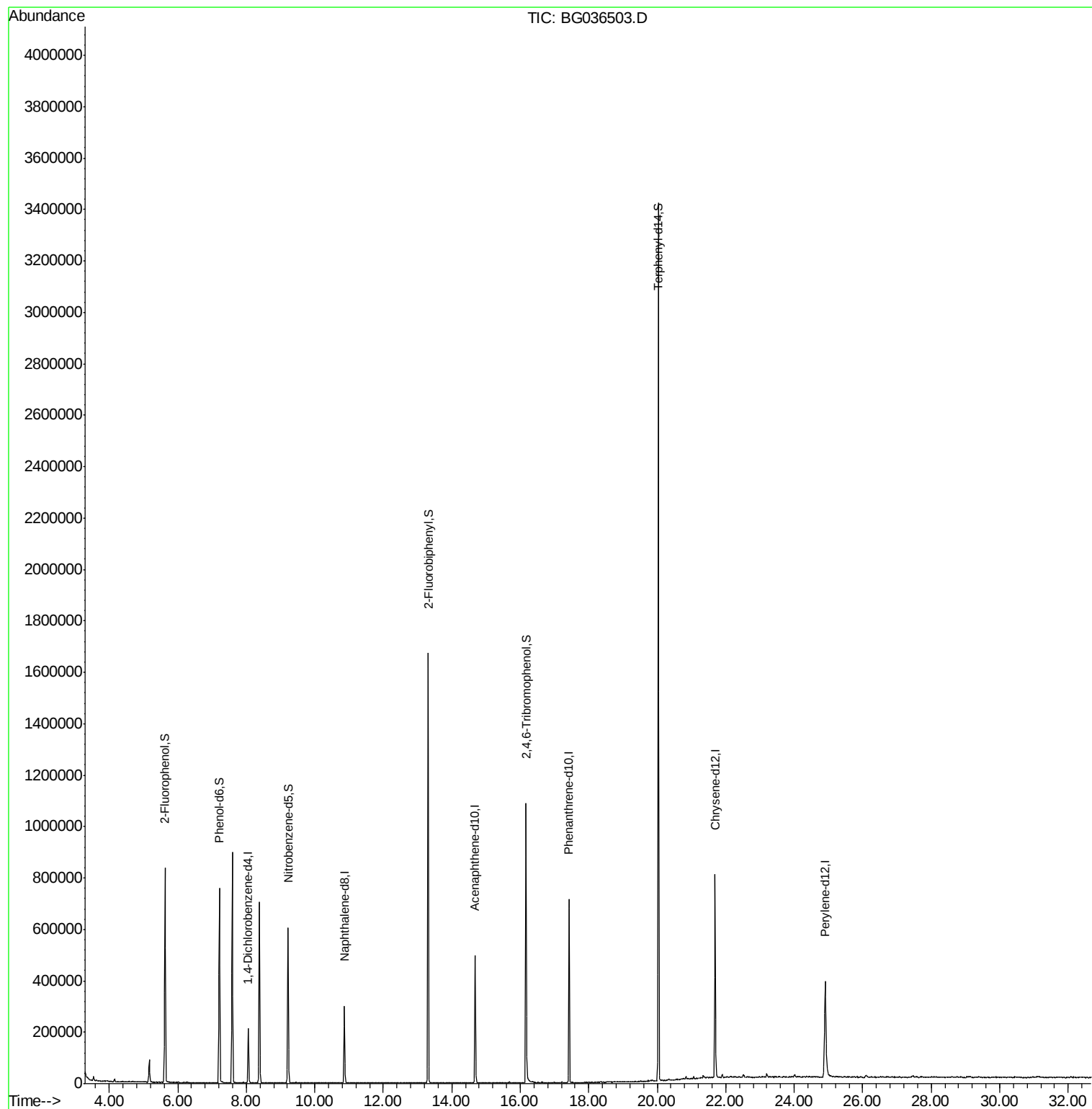
Target Compounds Qvalue

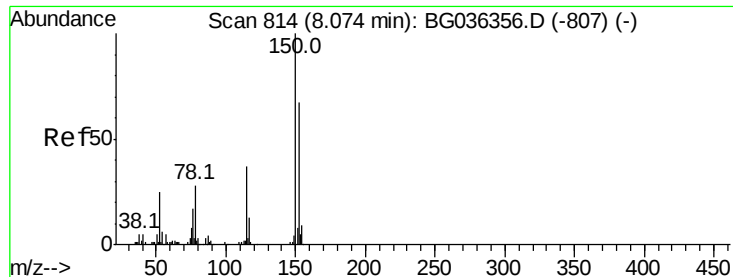
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

ClientSampleId :

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

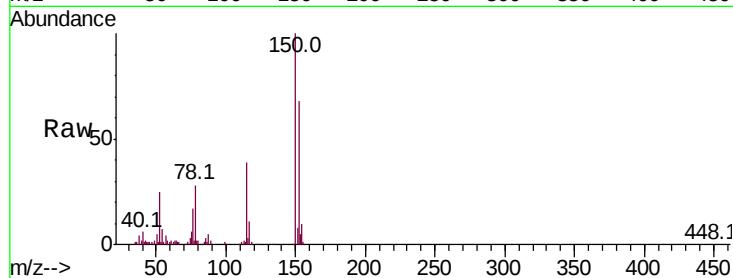
Tot Ion:152 Resp: 60982

Ion Ratio Lower Upper

152 100

150 147.8 119.5 179.3

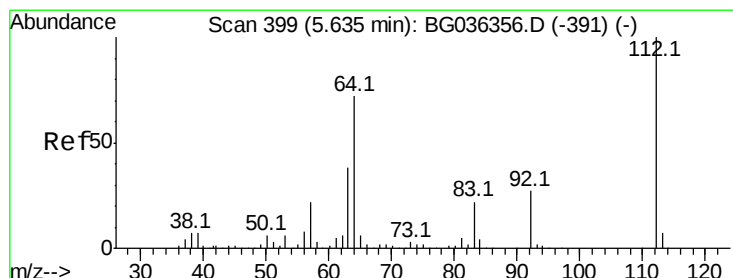
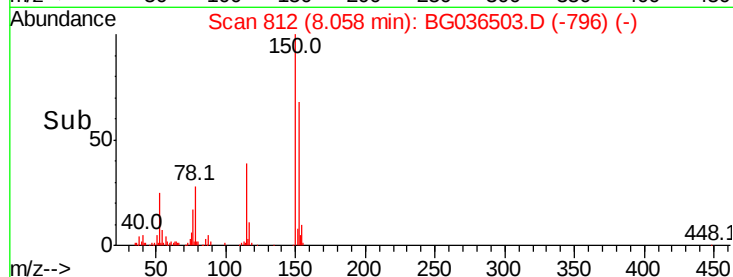
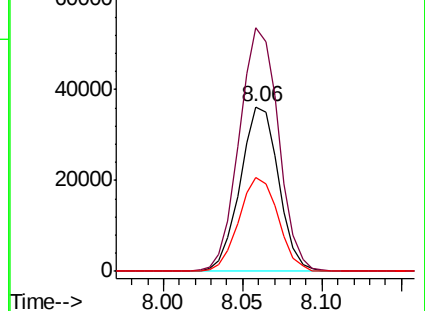
115 57.2 44.5 66.7



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: 91.394 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

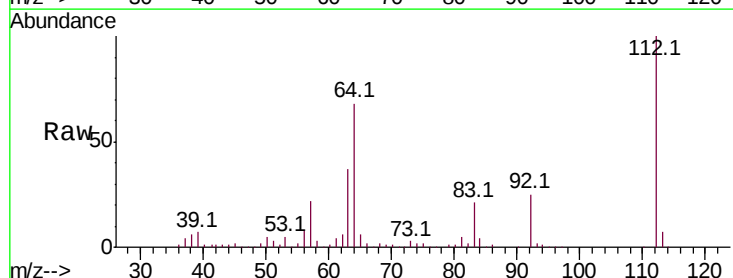
Tgt Ion:112 Resp: 351346

Ion Ratio Lower Upper

112 100

64 67.9 57.2 85.8

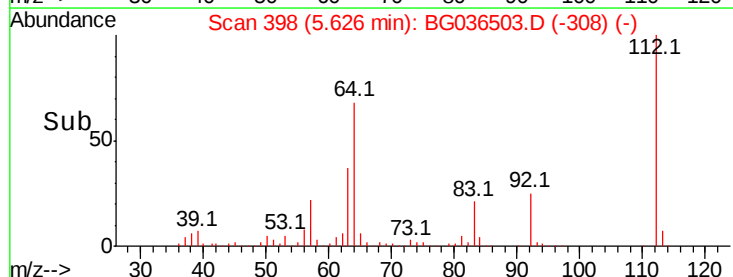
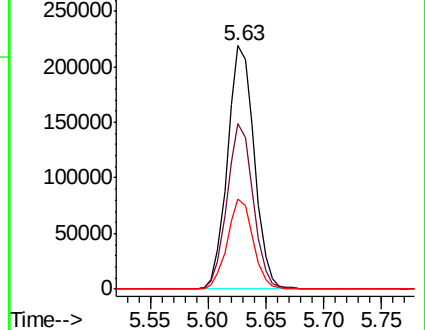
63 37.0 30.8 46.2



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: 78.857 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

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

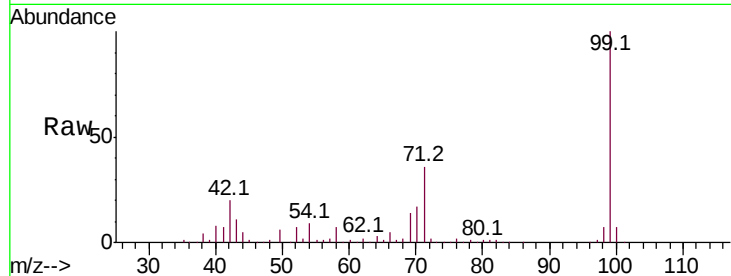
Tot Ion: 99 Resp: 434038

Ion Ratio Lower Upper

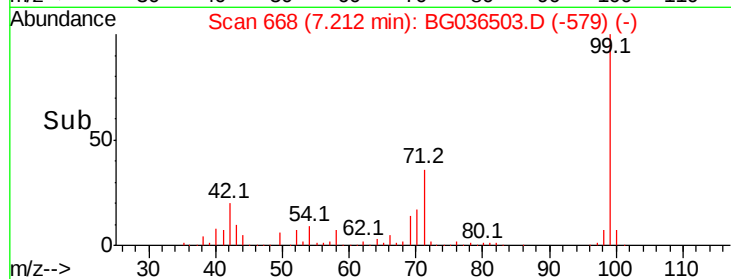
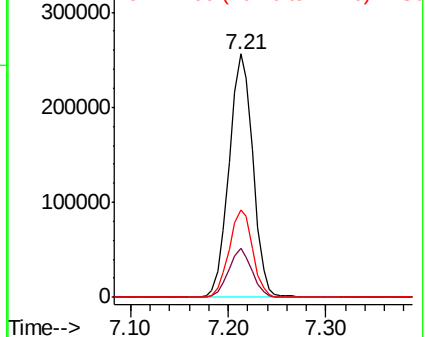
99 100

42 20.2 16.5 24.7

71 35.7 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: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Tgt Ion: 136 Resp: 257047

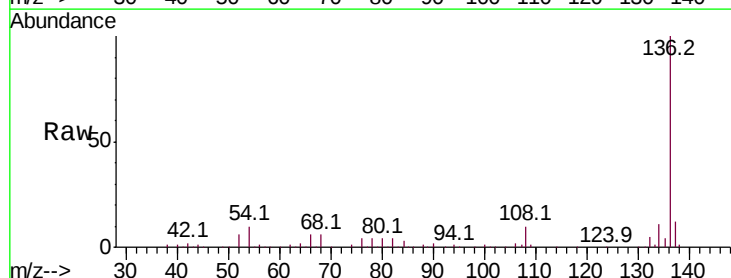
Ion Ratio Lower Upper

136 100

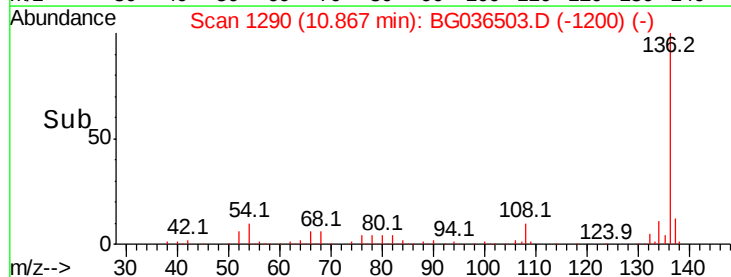
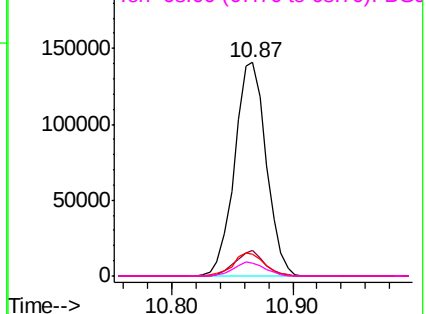
137 11.8 8.8 13.2

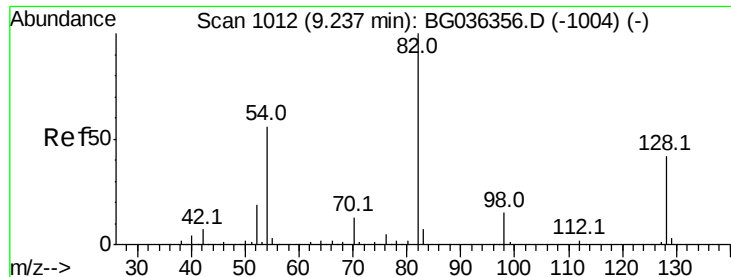
54 10.4 9.2 13.8

68 6.3 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

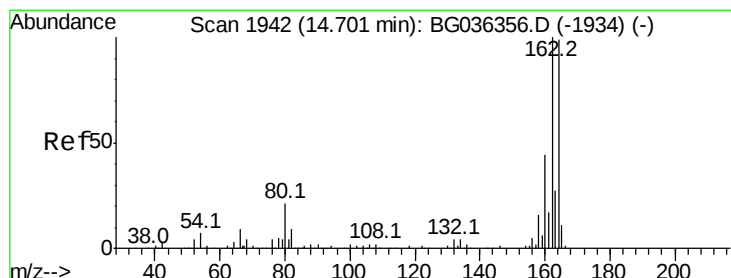
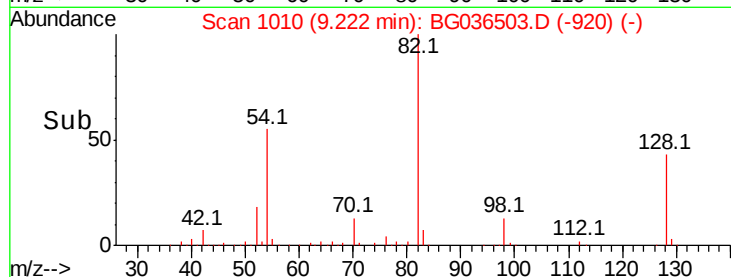
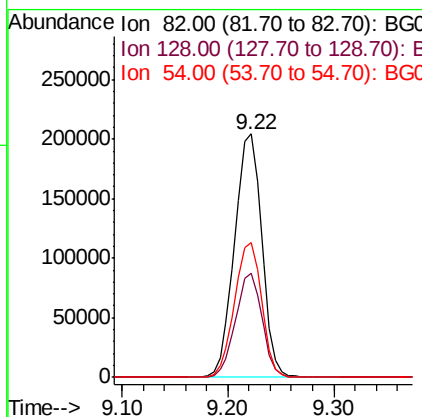
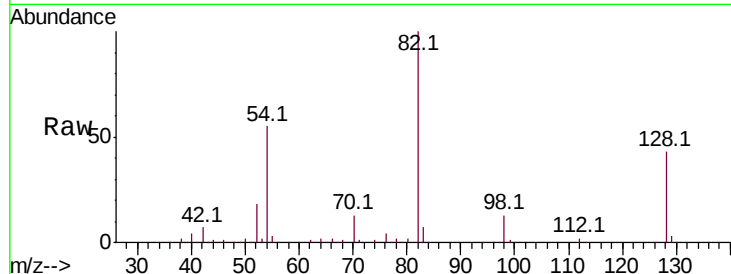




#23
Nitrobenzene-d5
Concen: 76.968 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

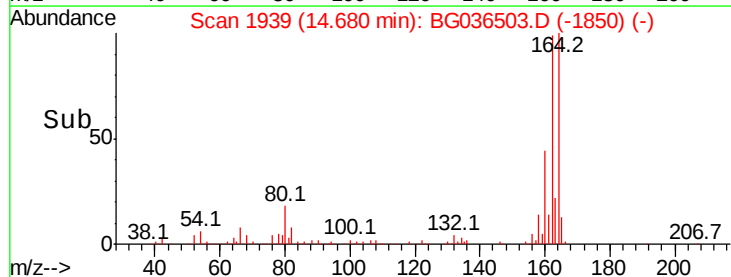
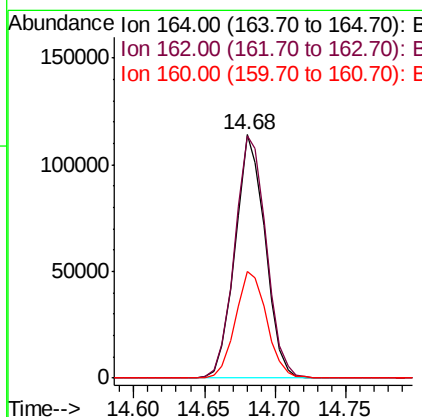
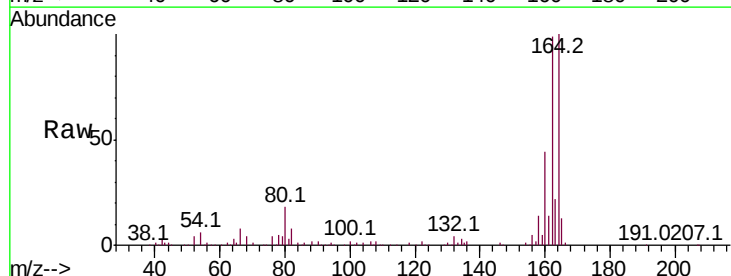
Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID-42(3)

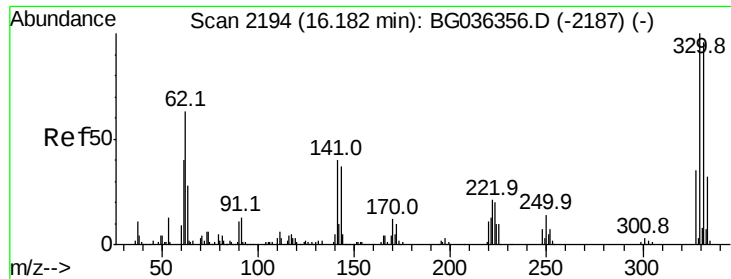
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.3	49.9
54	55.4	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.7	121.1
160	44.1	35.3	52.9

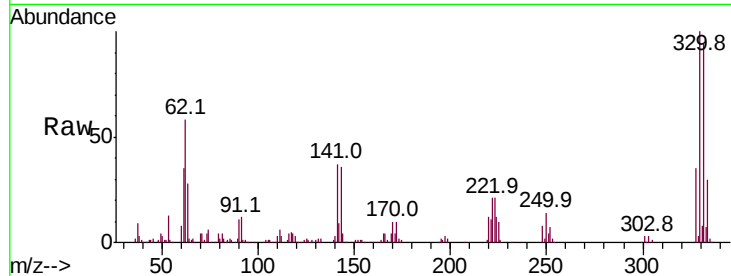




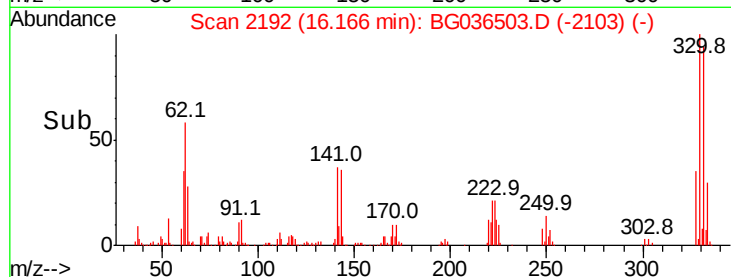
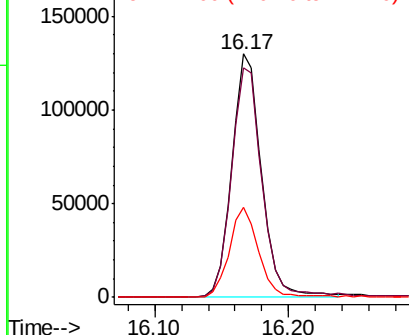
#41
 2,4,6-Tribromophenol
 Concen: 100.121 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036503.D
 Acq: 31 Aug 2018 13:15

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

Tot Ion:330 Resp: 201584
 Ion Ratio Lower Upper
 330 100
 332 98.5 75.4 113.2
 141 37.1 30.7 46.1

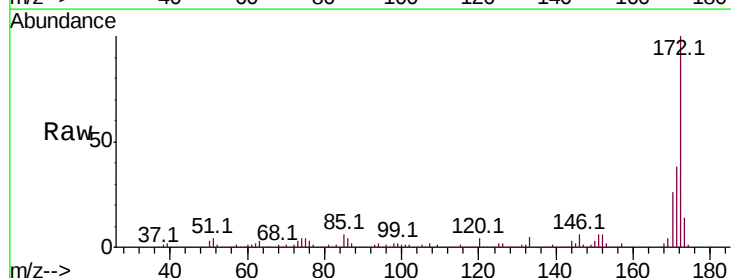


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

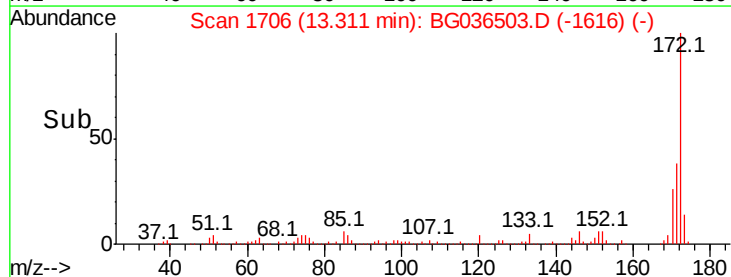
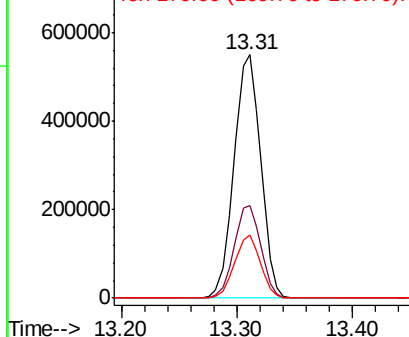


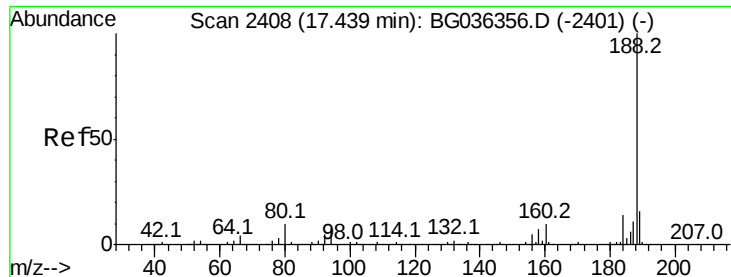
#44
 2-Fluorobiphenyl
 Concen: 74.428 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036503.D
 Acq: 31 Aug 2018 13:15

Tgt Ion:172 Resp: 879576
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.9 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

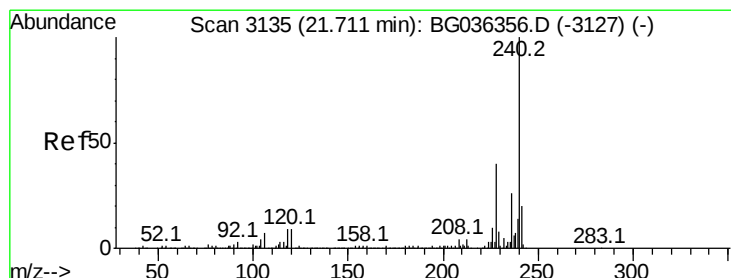
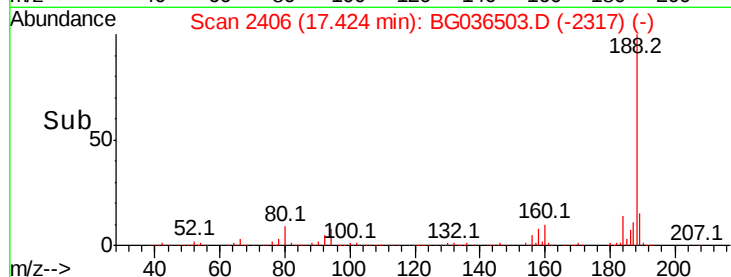
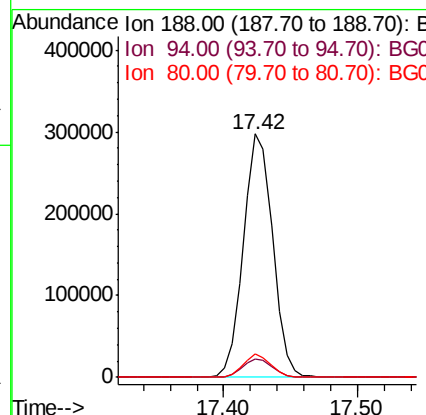
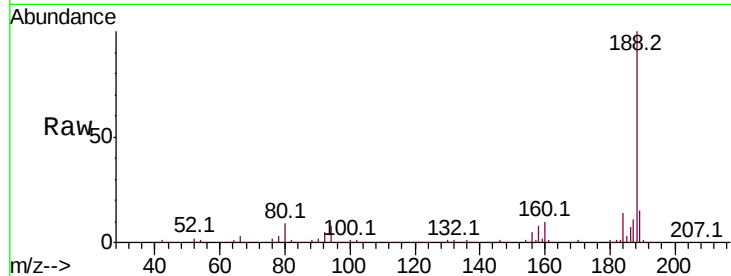




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

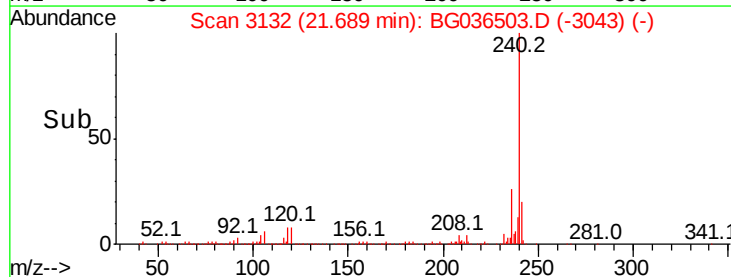
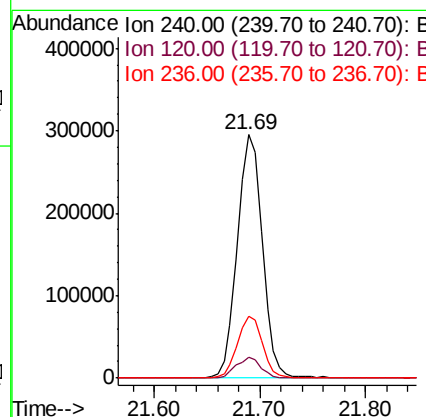
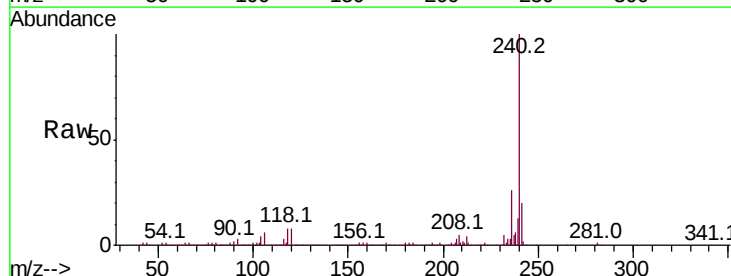
Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID-42(3)

Tot Ion:188 Resp: 449946
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036503.D
Acq: 31 Aug 2018 13:15

Tgt Ion:240 Resp: 482410
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 76.156 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

Instrument :

BNA_G

ClientSampleId :

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

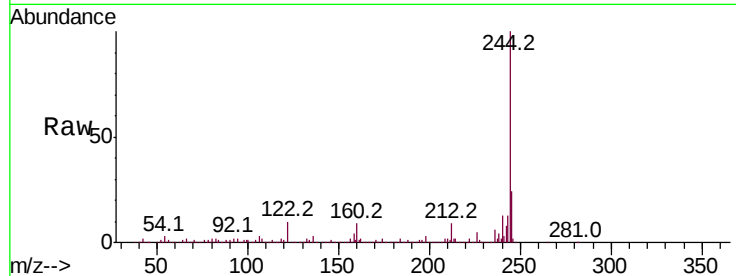
Tot Ion:244 Resp: 1571801

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.5	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.5 7.1 10.7

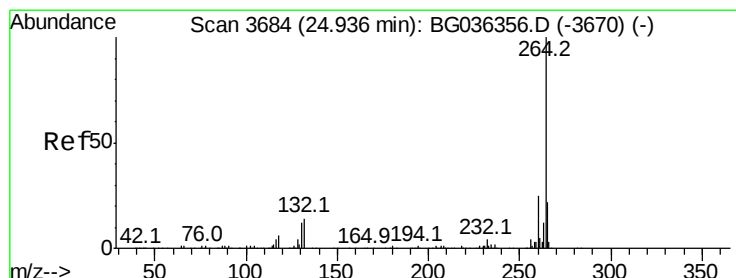
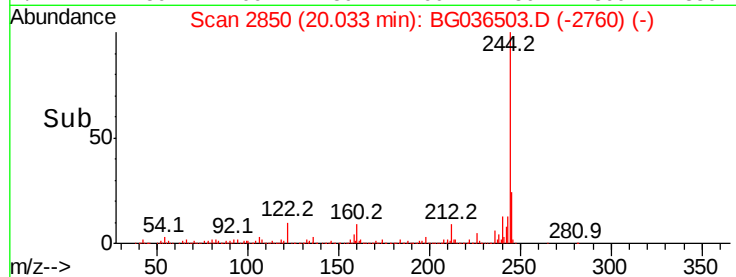
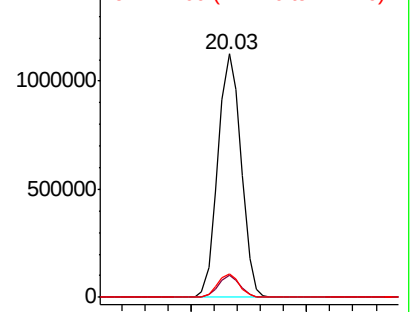


Abundance

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. 0.00 min

Lab File: BG036503.D

Acq: 31 Aug 2018 13:15

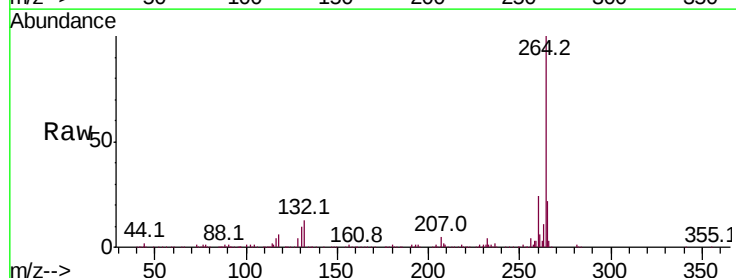
Tgt Ion:264 Resp: 461140

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	17.4	26.0

264 100

260 24.0 19.6 29.4

265 21.7 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

