

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036491.D
 Acq On : 30 Aug 2018 23:24
 Operator : JU/SJ
 Sample : J4677-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Quant Time: Aug 31 01:54:11 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

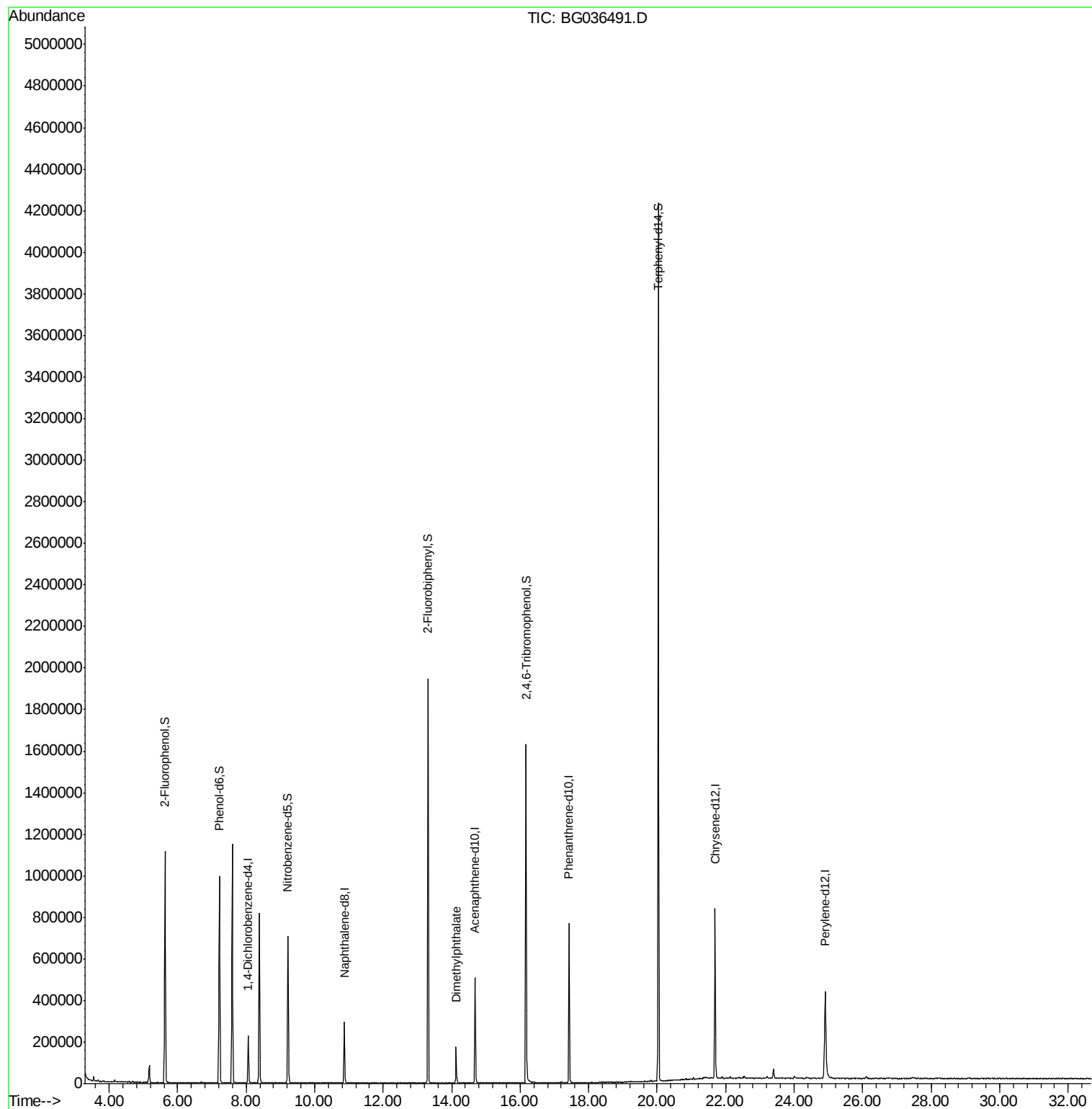
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63727	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	257278	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	171910	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	465427	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	509725	20.00	ng	-0.02
86) Perylene-d12	24.91	264	503127	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	463282	115.32	ng	0.00
7) Phenol-d6	7.22	99	583895	101.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	440210	92.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	313613	152.89	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1030561	85.59	ng	-0.01
78) Terphenyl-d14	20.04	244	1827951	83.82	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.13	163	116119	8.272	ng	Qvalue 100

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

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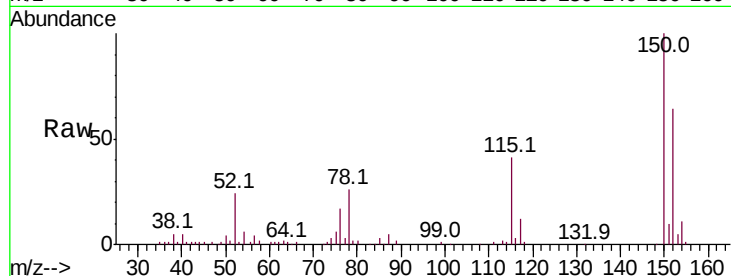


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036491.D
 Acq: 30 Aug 2018 23:24

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	63.6	44.5	66.7

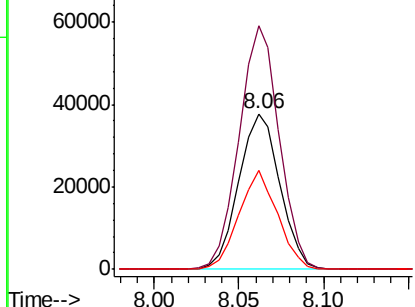
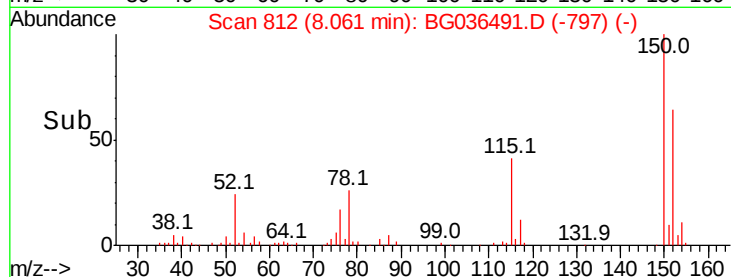


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

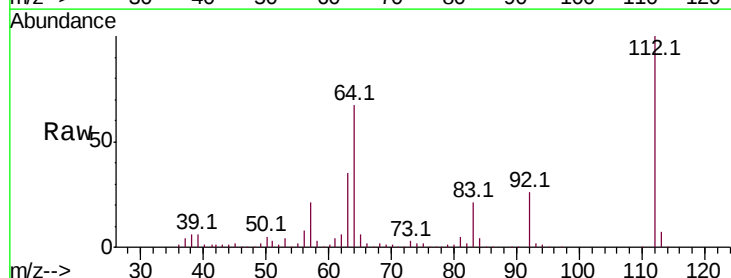
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 115.320 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG036491.D
 Acq: 30 Aug 2018 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.2	85.8
63	34.6	30.8	46.2

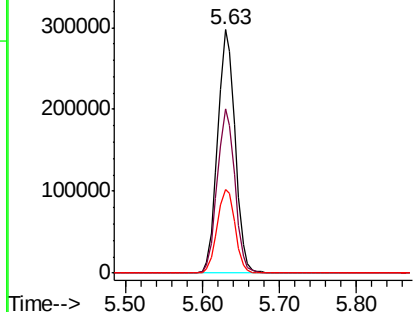
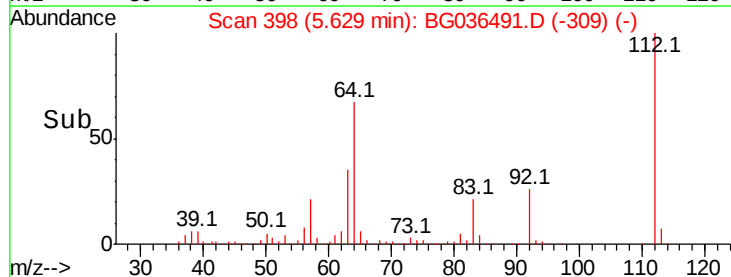


Abundance

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: 101.514 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036491.D

Acq: 30 Aug 2018 23:24

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

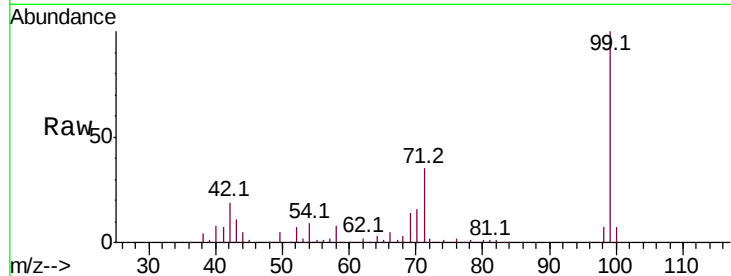
Tot Ion: 99 Resp: 583895

Ion Ratio Lower Upper

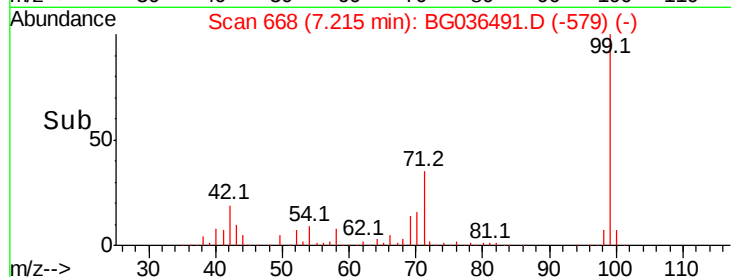
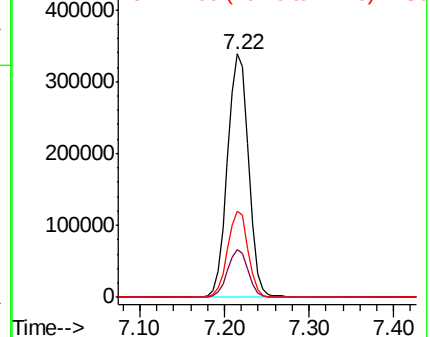
99 100

42 19.5 16.5 24.7

71 35.2 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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036491.D

Acq: 30 Aug 2018 23:24

Tgt Ion:136 Resp: 257278

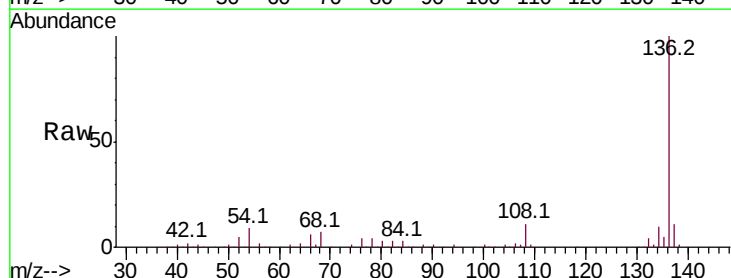
Ion Ratio Lower Upper

136 100

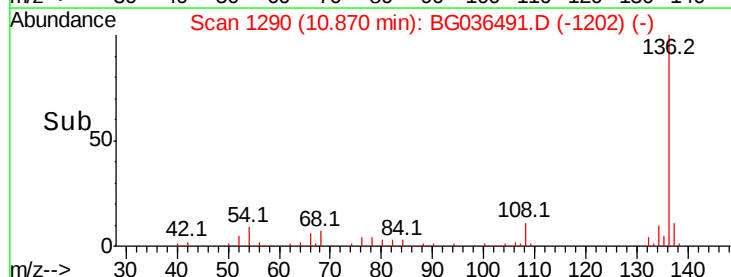
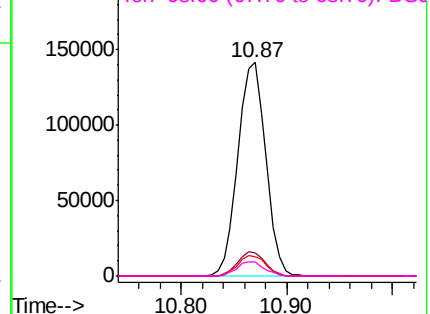
137 10.8 8.8 13.2

54 9.2 9.2 13.8

68 6.6 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

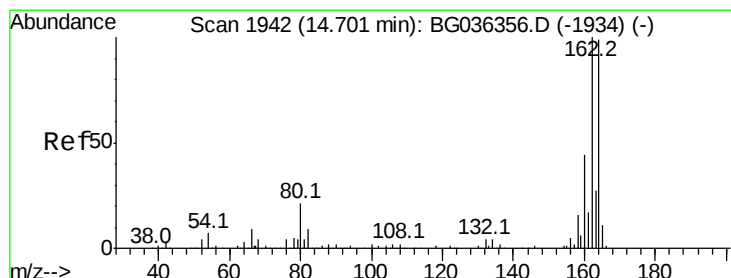
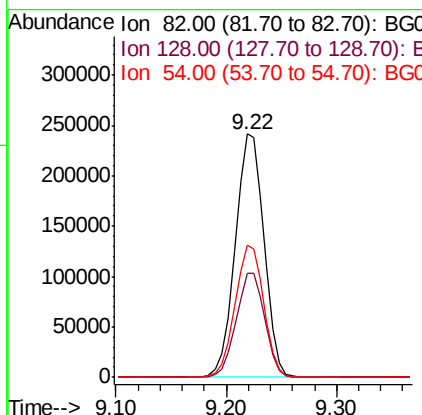
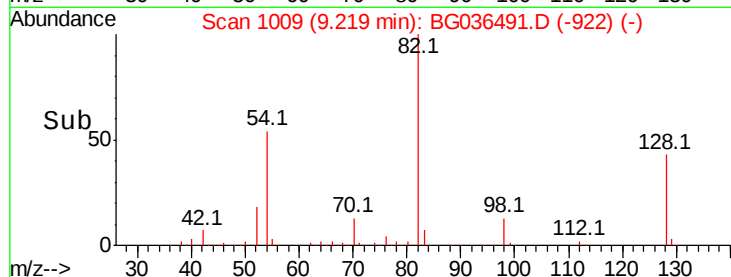
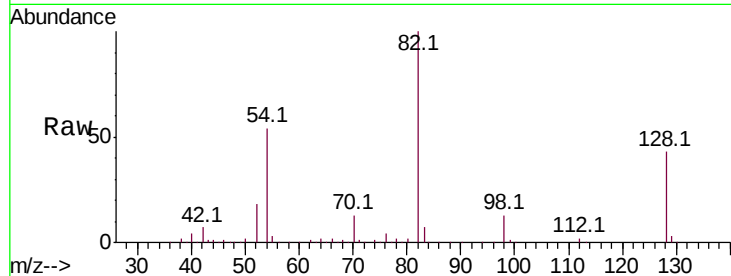




#23
 Nitrobenzene-d5
 Concen: 92.835 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG036491.D
 Acq: 30 Aug 2018 23:24

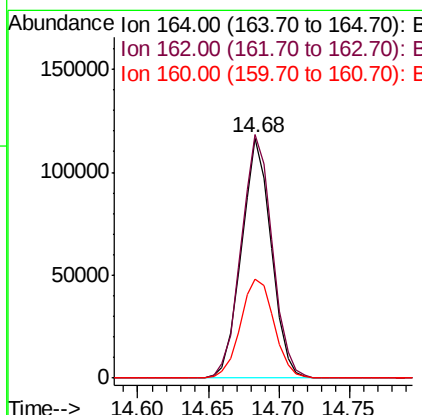
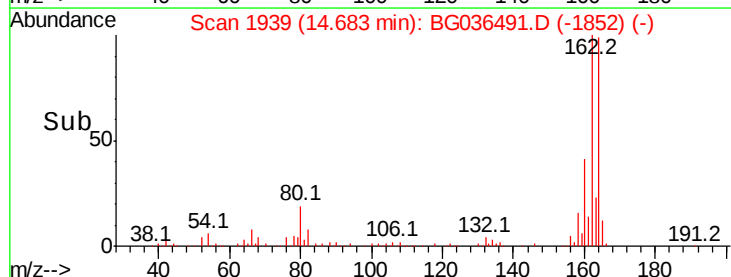
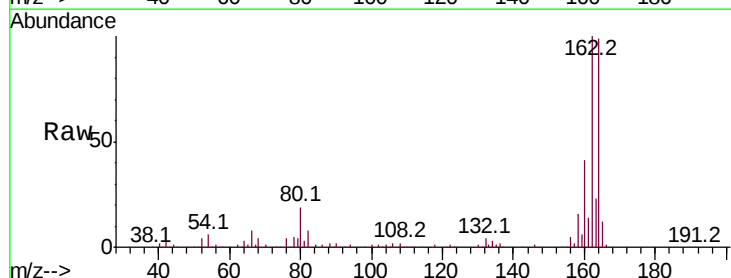
Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 82 Resp: 440210
 Ion Ratio Lower Upper
 82 100
 128 42.7 33.3 49.9
 54 54.3 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG036491.D
 Acq: 30 Aug 2018 23:24

Tgt Ion:164 Resp: 171910
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.7 121.1
 160 41.3 35.3 52.9

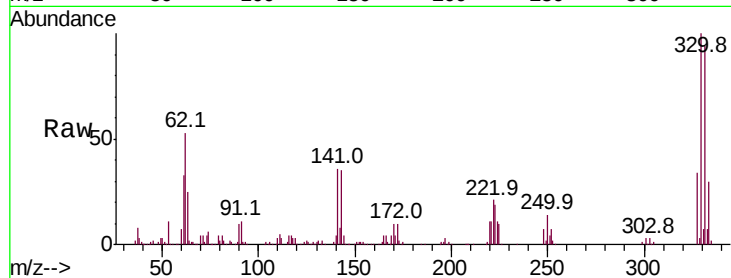




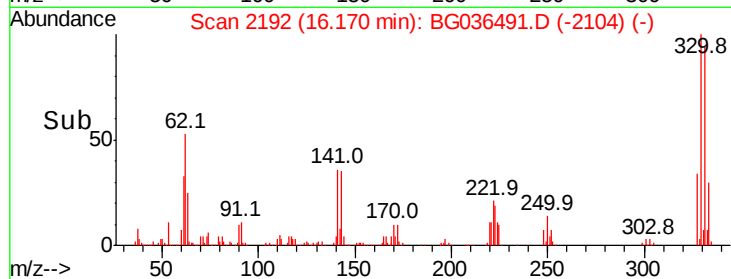
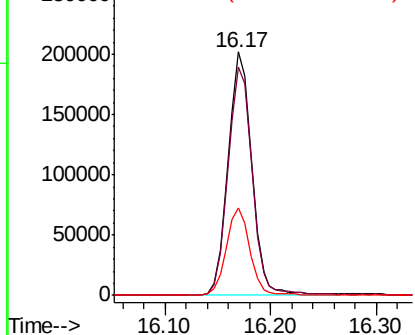
#41
 2,4,6-Tribromophenol
 Concen: 152.887 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036491.D
 Acq: 30 Aug 2018 23:24

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Tot Ion:330 Resp: 313613
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 35.6 30.7 46.1

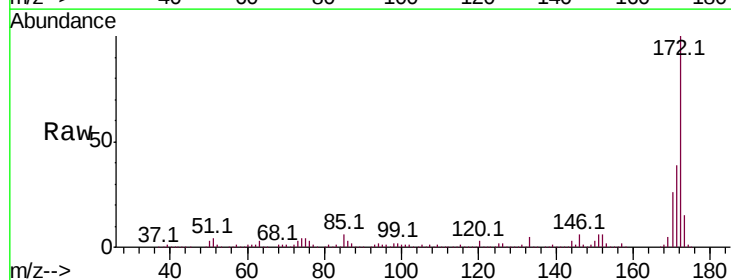


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

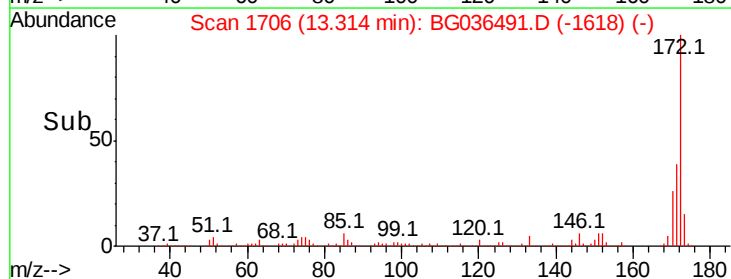
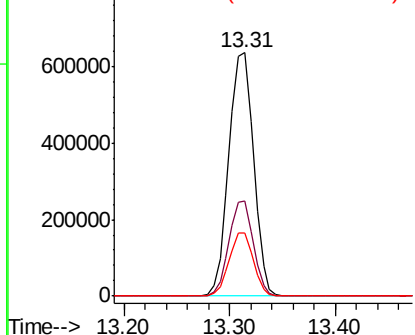


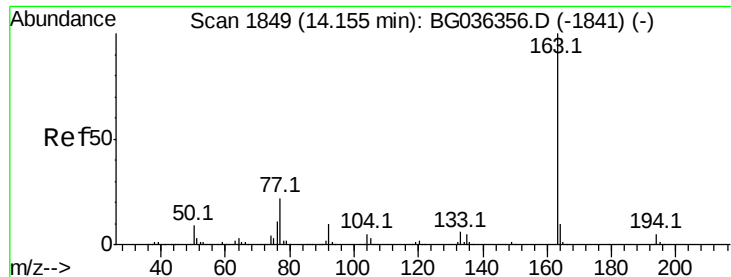
#44
 2-Fluorobiphenyl
 Concen: 85.594 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036491.D
 Acq: 30 Aug 2018 23:24

Tgt Ion:172 Resp: 1030561
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 26.2 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





#49

Dimethylphthalate

Concen: 8.272 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BG036491.D

Acq: 30 Aug 2018 23:24

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

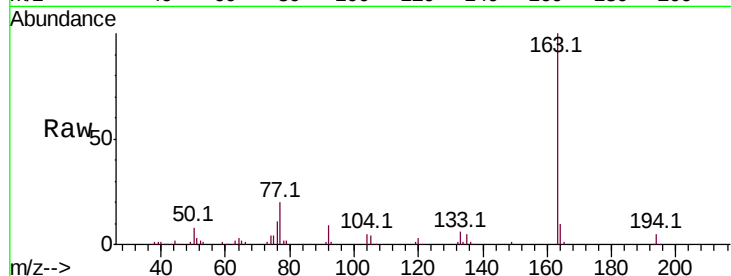
Tot Ion:163 Resp: 116119

Ion Ratio Lower Upper

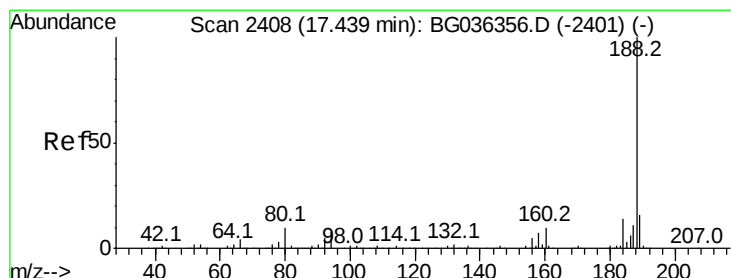
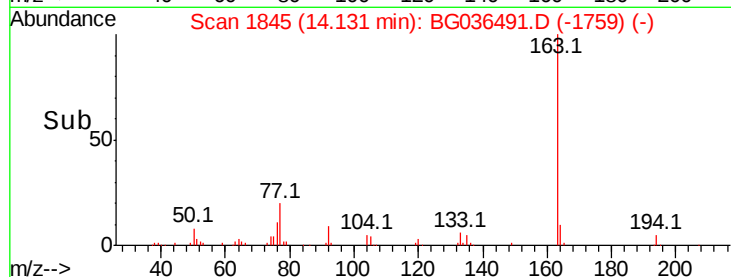
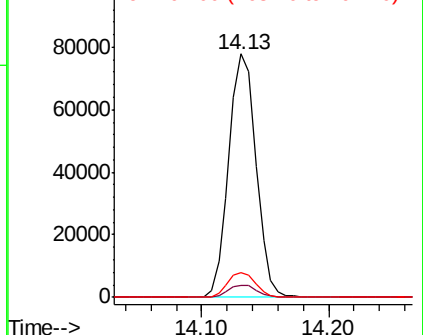
163 100

194 5.0 4.0 6.0

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036491.D

Acq: 30 Aug 2018 23:24

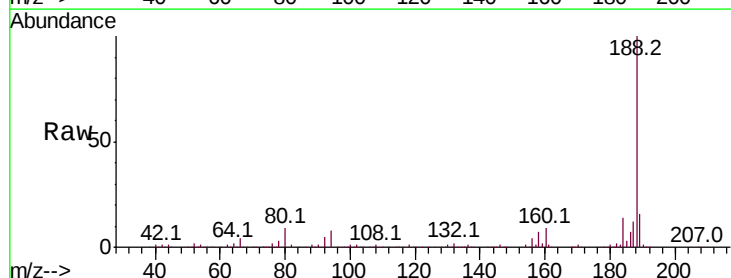
Tgt Ion:188 Resp: 465427

Ion Ratio Lower Upper

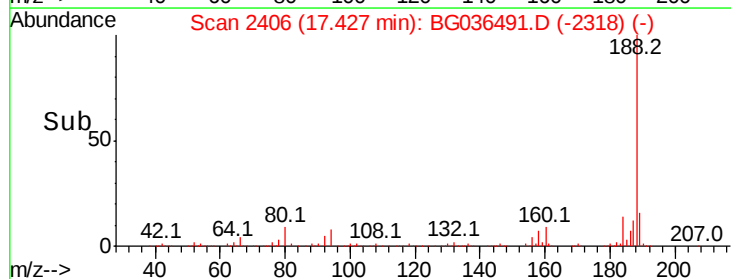
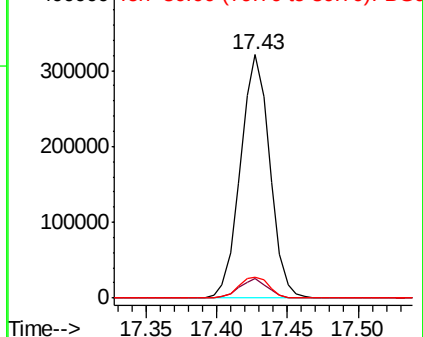
188 100

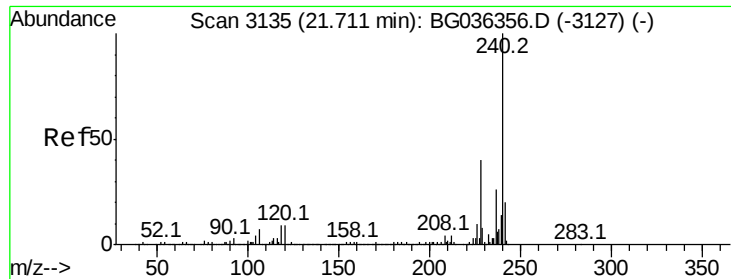
94 7.9 6.7 10.1

80 8.6 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: BG036491.D

Acq: 30 Aug 2018 23:24

Instrument :

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CB-0818-S-TCLP-GRID-42(1)

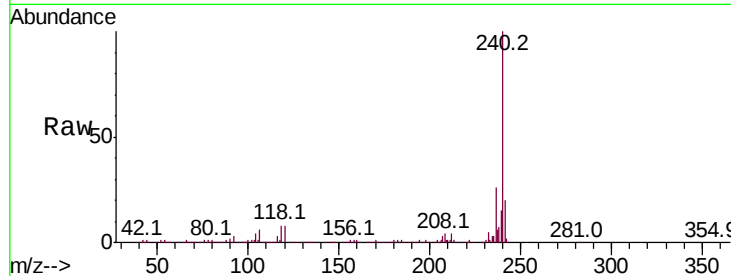
Tot Ion:240 Resp: 509725

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

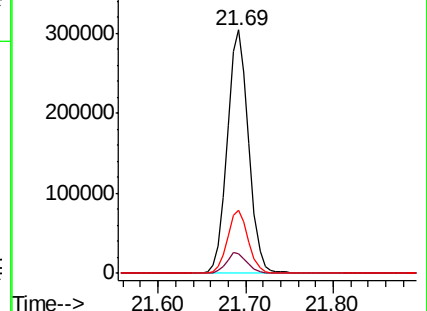
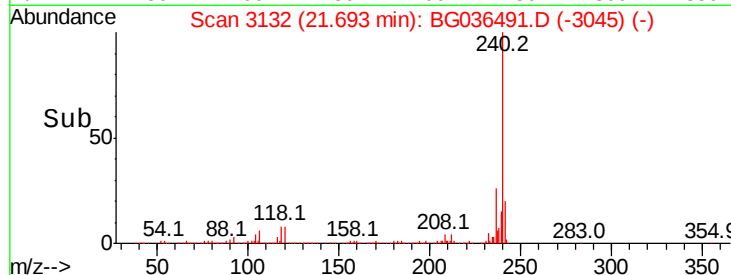
236 25.8 21.2 31.8



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: 83.821 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036491.D

Acq: 30 Aug 2018 23:24

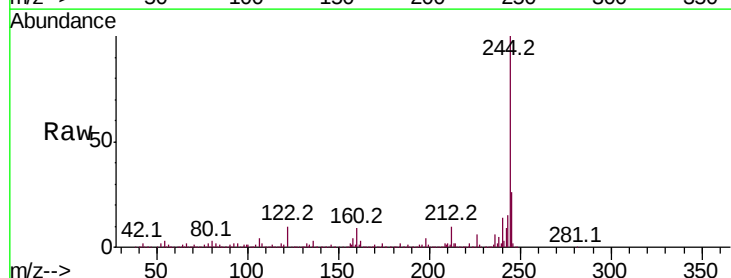
Tgt Ion:244 Resp: 1827951

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

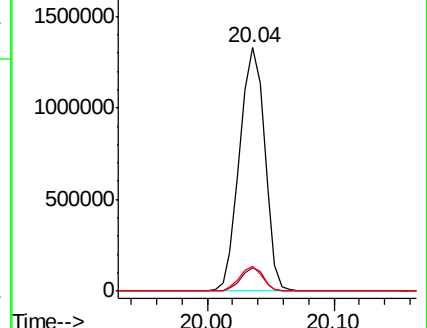
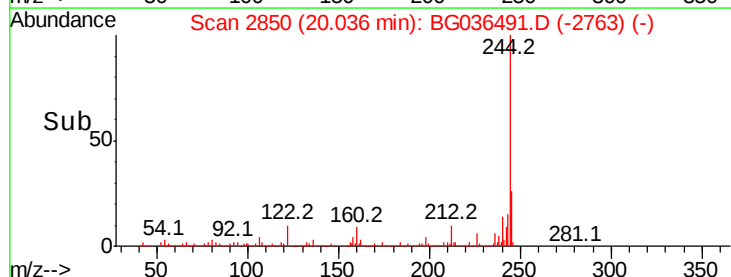
122 10.2 7.1 10.7

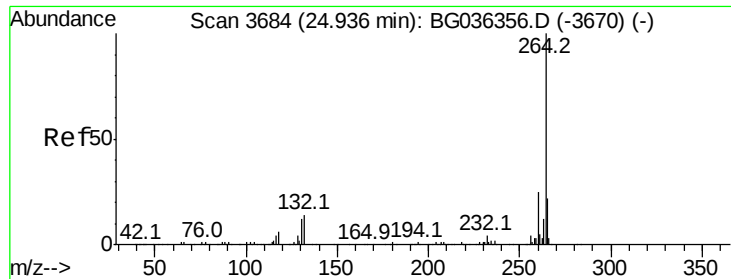


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

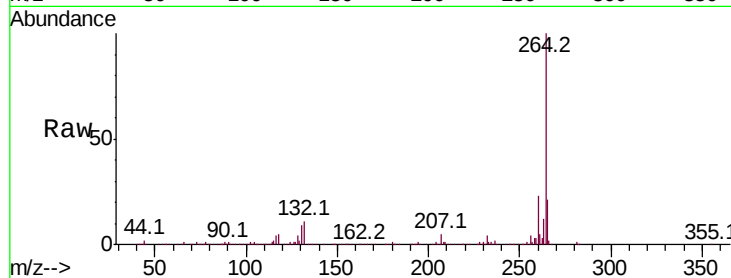




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.03 min
Lab File: BG036491.D
Acq: 30 Aug 2018 23:24

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.9	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

