

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036492.D
 Acq On : 31 Aug 2018 00:03
 Operator : JU/SJ
 Sample : J4677-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

Quant Time: Aug 31 01:17:55 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

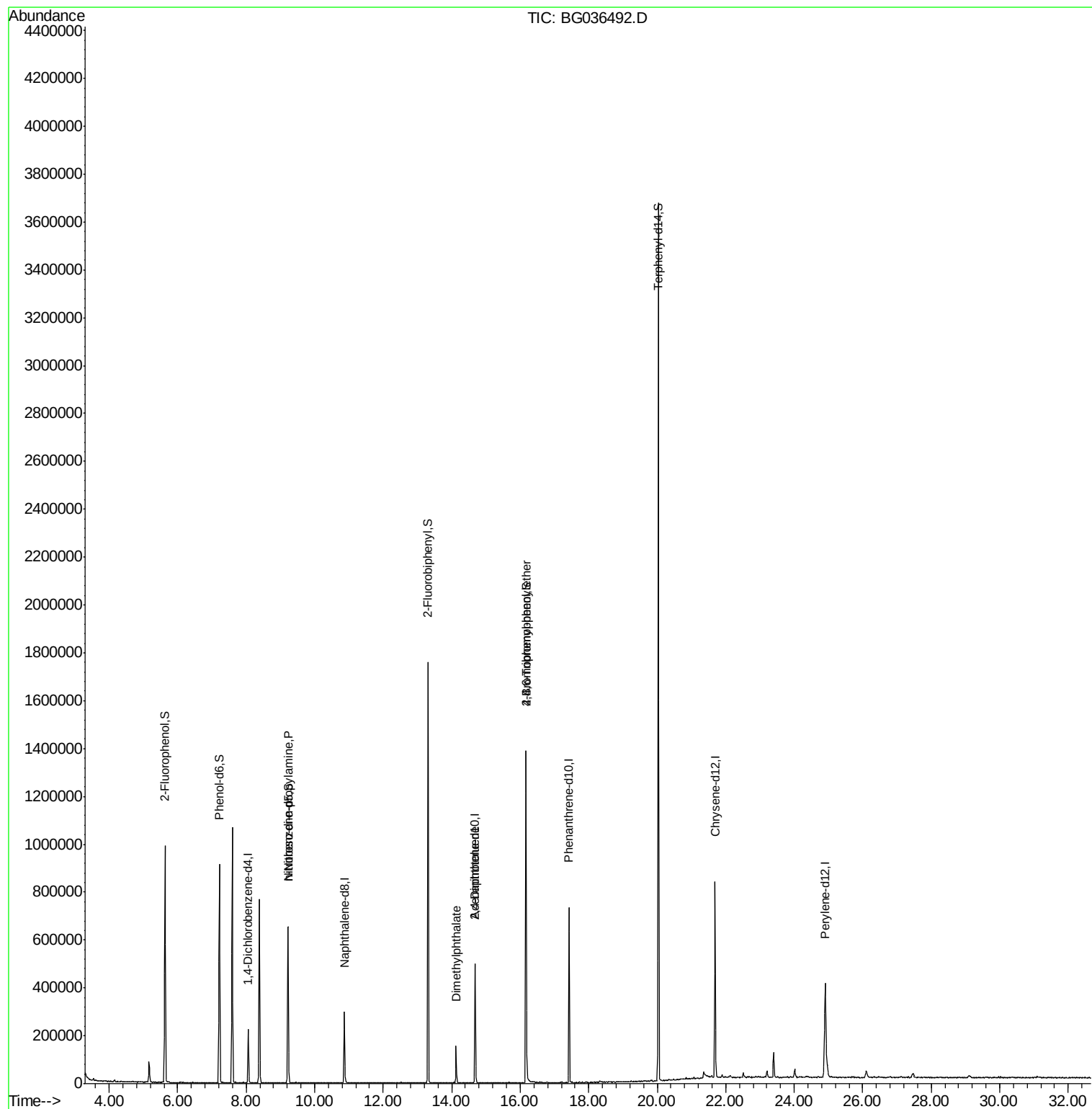
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62039	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	254076	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	171103	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	448318	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	491709	20.00	ng	-0.02
86) Perylene-d12	24.91	264	485103	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	410692	105.01	ng	0.00
7) Phenol-d6	7.21	99	517513	92.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	397674	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	271158	132.81	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	930061	77.61	ng	-0.01
78) Terphenyl-d14	20.03	244	1678676	79.80	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52801	12.617	ng	# 71
49) Dimethylphthalate	14.13	163	105301	7.537	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	21670	5.783	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	18856	3.592	ng	# 1

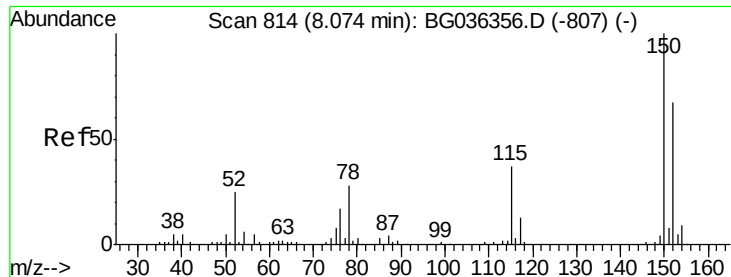
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

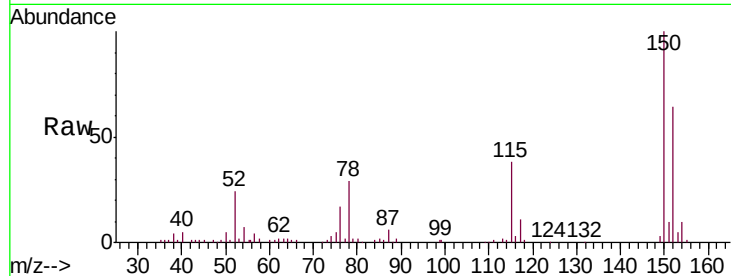




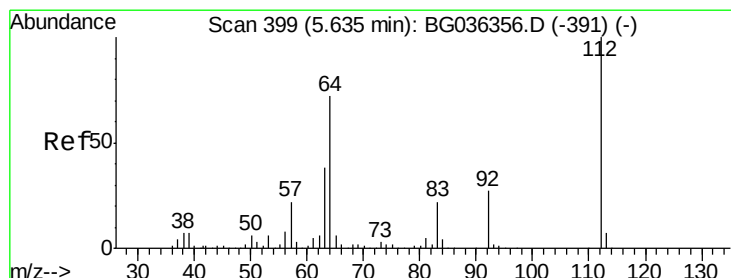
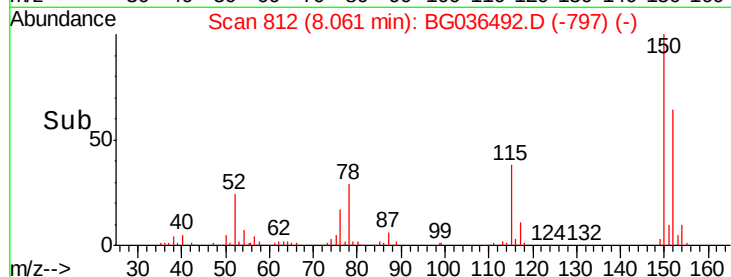
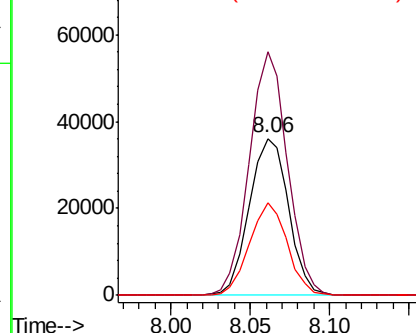
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

Tgt Ion:152 Resp: 62039
 Ion Ratio Lower Upper
 152 100
 150 155.3 119.5 179.3
 115 58.7 44.5 66.7

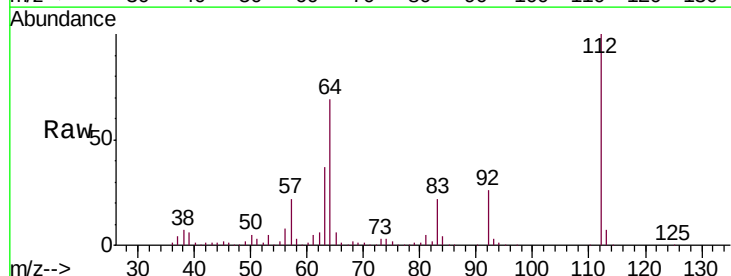


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

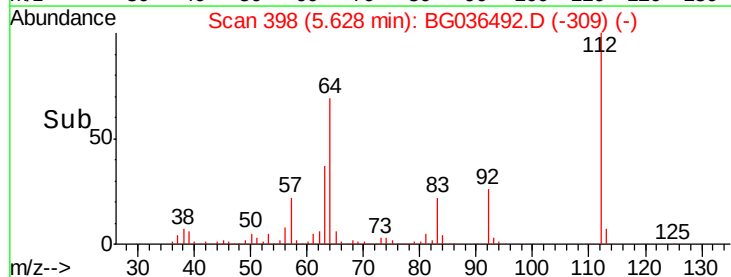
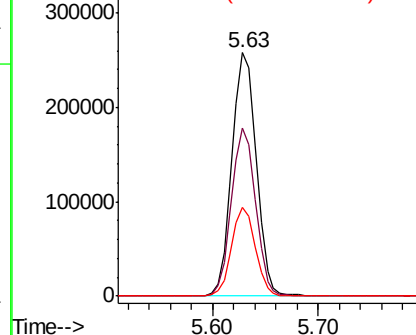


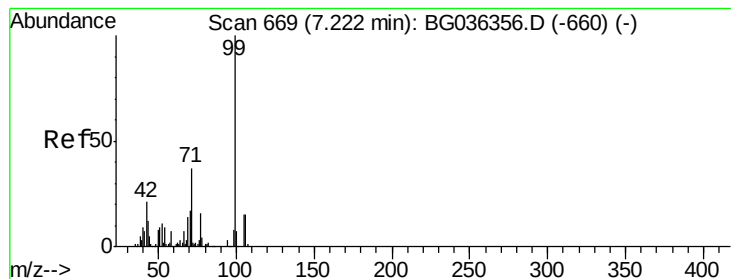
#5
 2-Fluorophenol
 Concen: 105.011 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Tgt Ion:112 Resp: 410692
 Ion Ratio Lower Upper
 112 100
 64 68.8 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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.421 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

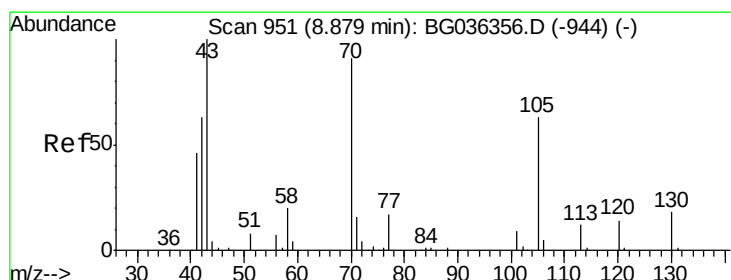
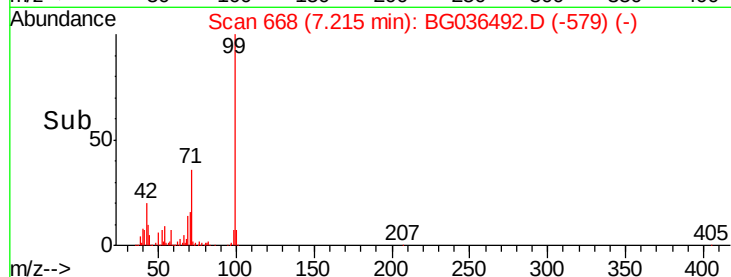
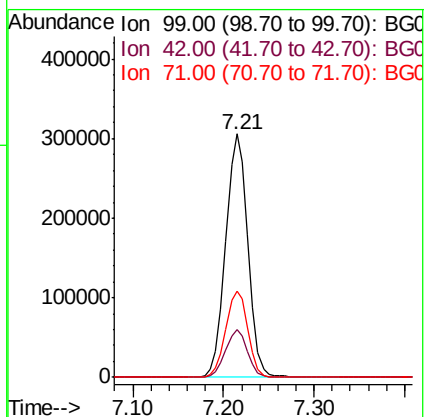
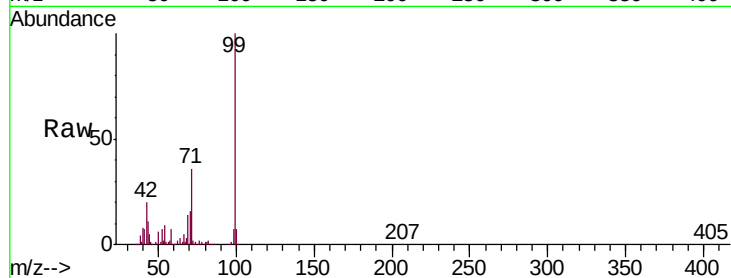
Tgt Ion: 99 Resp: 517513

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

71 35.6 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.617 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Tgt Ion: 70 Resp: 52801

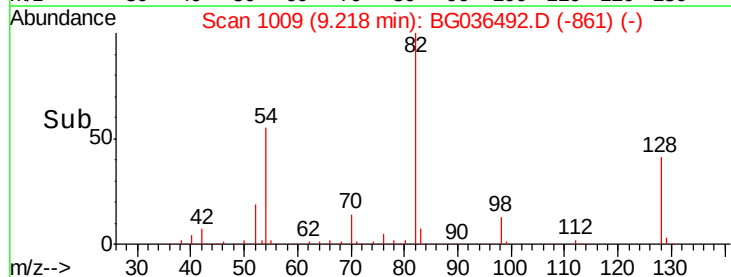
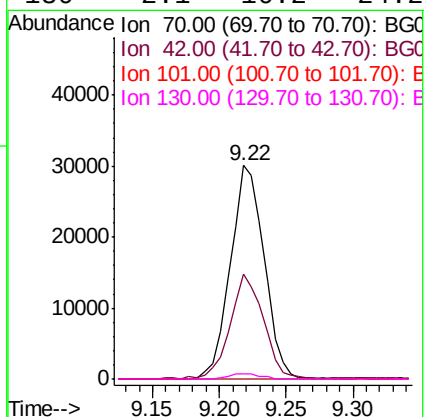
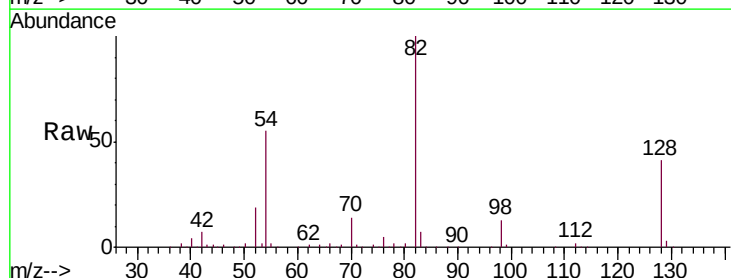
Ion Ratio Lower Upper

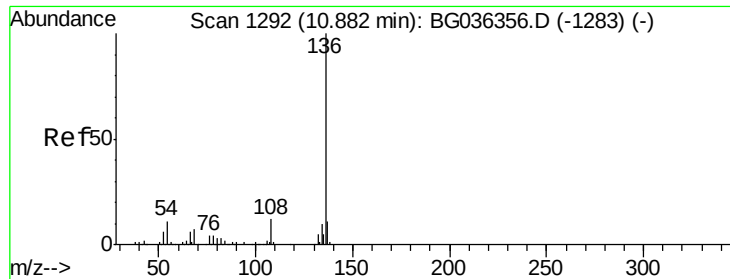
70 100

42 49.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

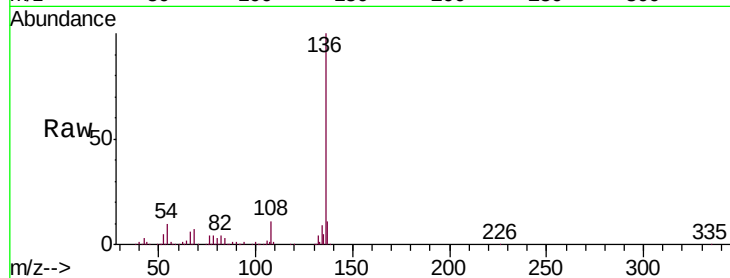




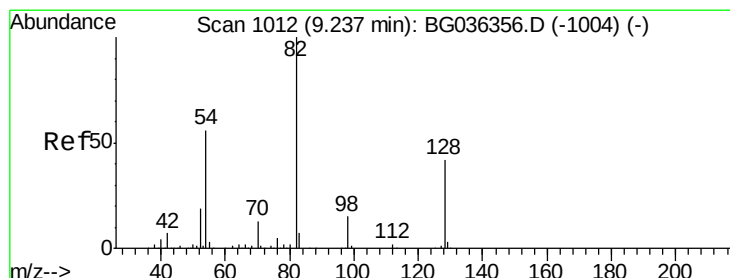
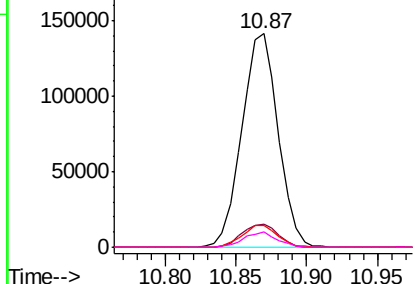
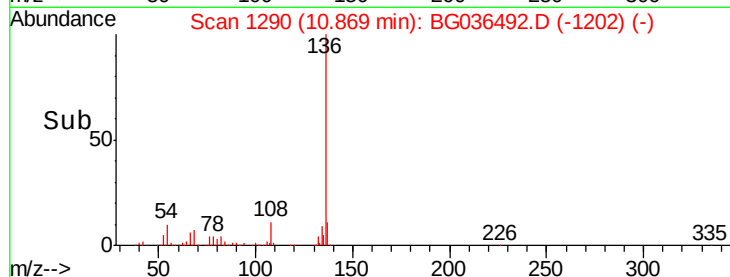
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036492.D
Acq: 31 Aug 2018 00:03

Instrument :
BNA_G
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

Tgt Ion:	136	Resp:	254076
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	9.2	13.8
68	7.1	5.8	8.6

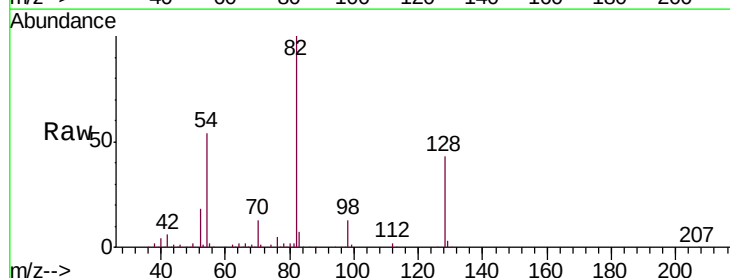


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

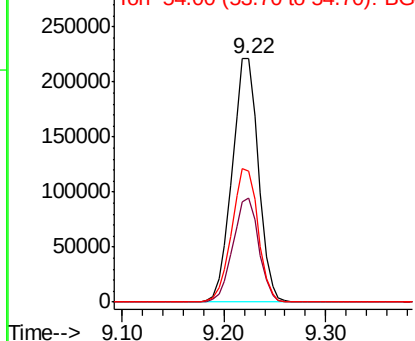
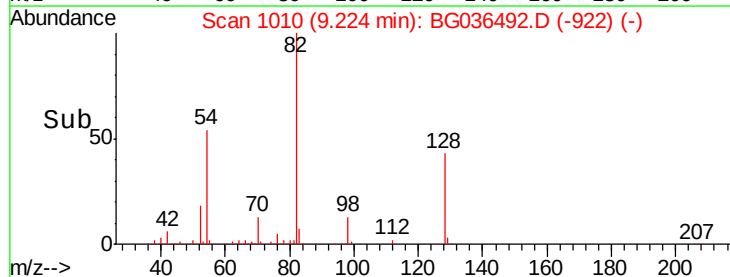


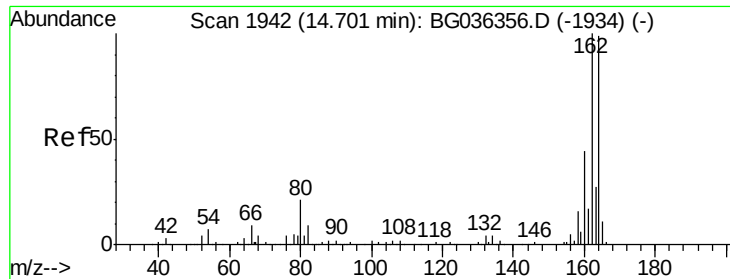
#23
Nitrobenzene-d5
Concen: 84.921 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036492.D
Acq: 31 Aug 2018 00:03

Tgt Ion:	82	Resp:	397674
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.3	49.9
54	54.0	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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. -0.02 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

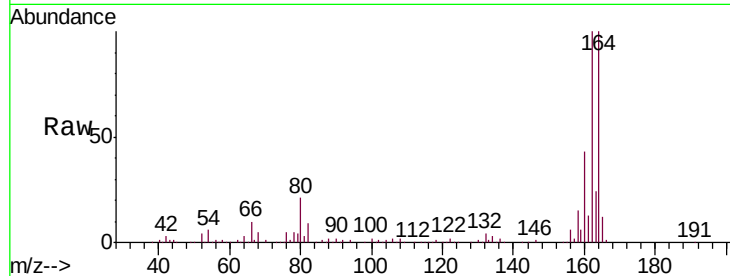
Tgt Ion:164 Resp: 171103

Ion Ratio Lower Upper

164 100

162 100.4 80.7 121.1

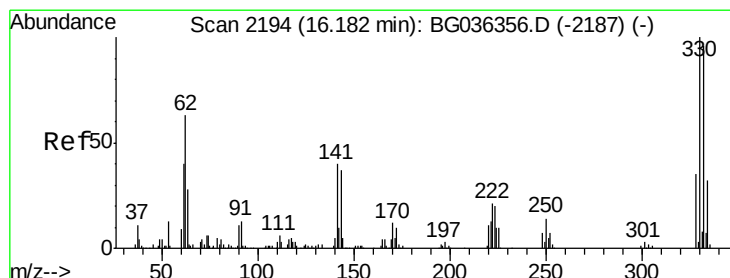
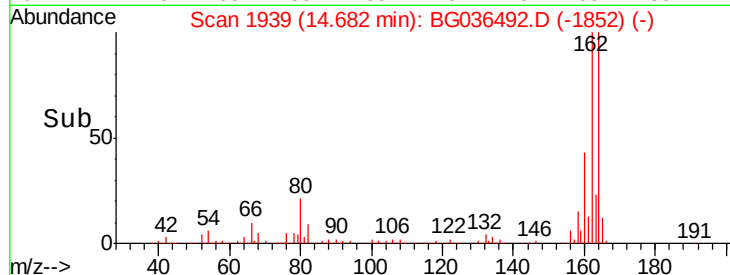
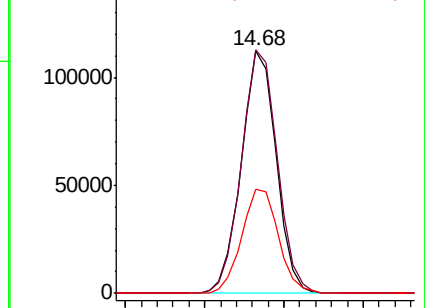
160 43.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 132.814 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

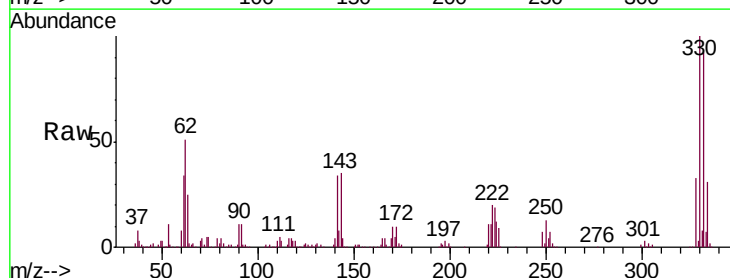
Tgt Ion:330 Resp: 271158

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

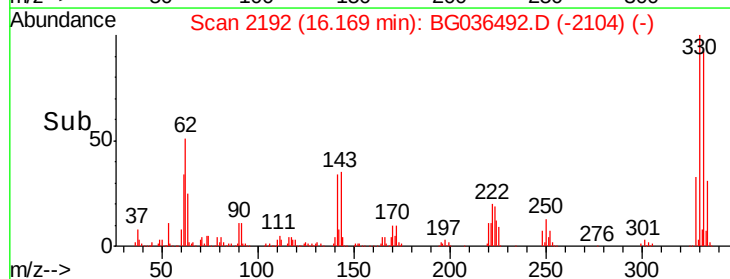
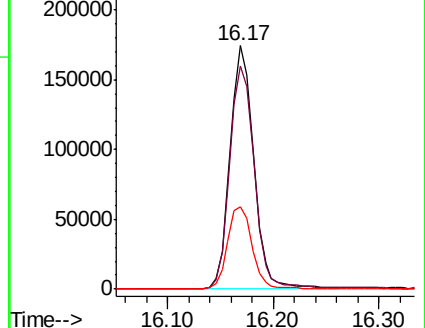
141 35.1 30.7 46.1

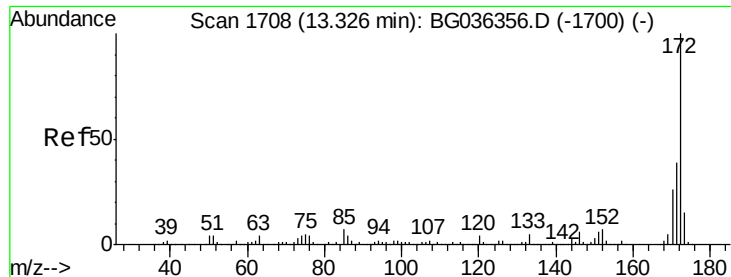


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

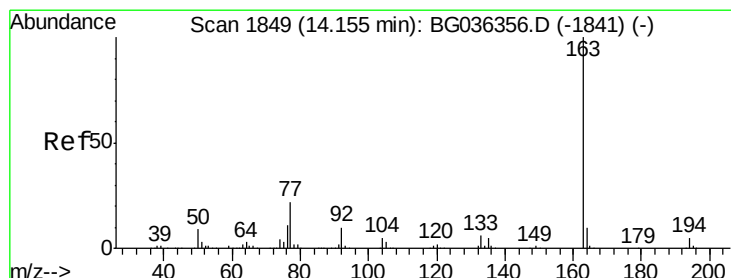
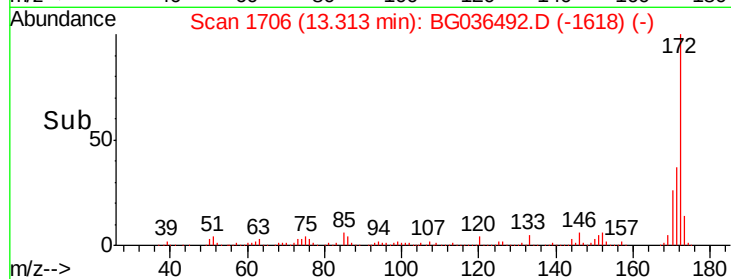
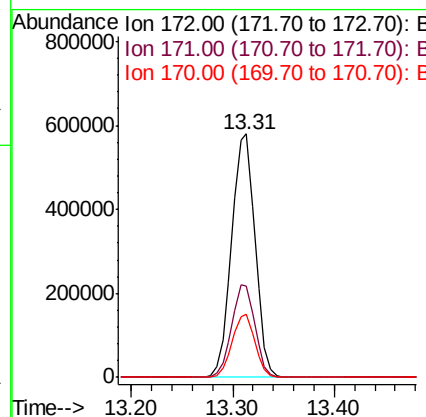
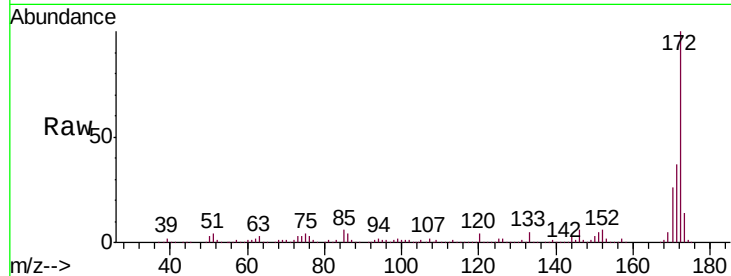




#44
 2-Fluorobiphenyl
 Concen: 77.612 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

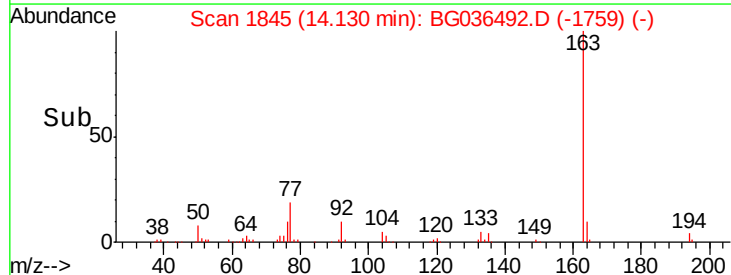
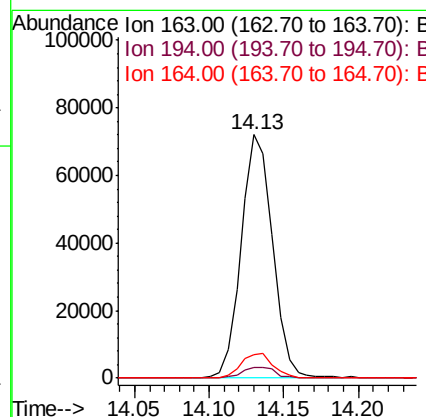
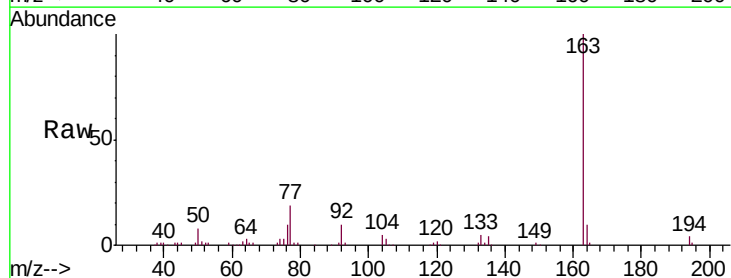
Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

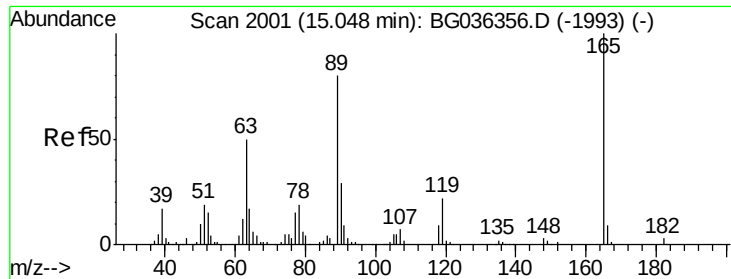
Tgt Ion:172 Resp: 930061
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 25.8 21.0 31.6



#49
 Dimethylphthalate
 Concen: 7.537 ng
 RT: 14.13 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Tgt Ion:163 Resp: 105301
 Ion Ratio Lower Upper
 163 100
 194 4.4 4.0 6.0
 164 9.9 8.1 12.1

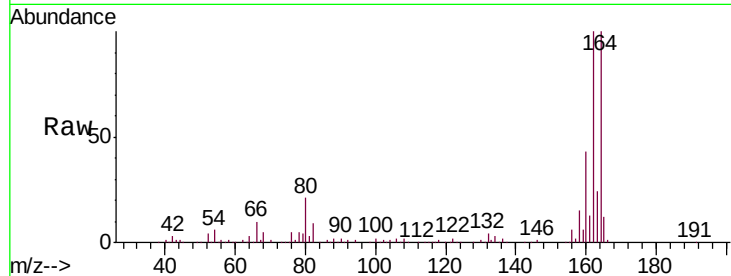




#56
 2,4-Dinitrotoluene
 Concen: 5.783 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



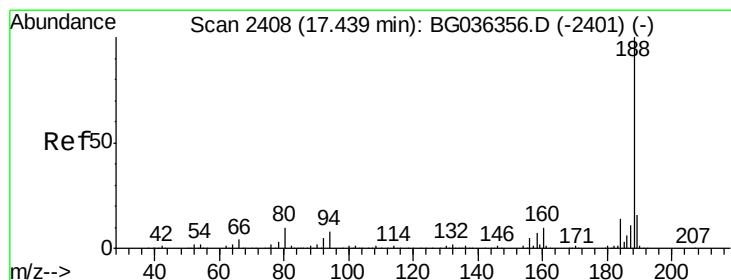
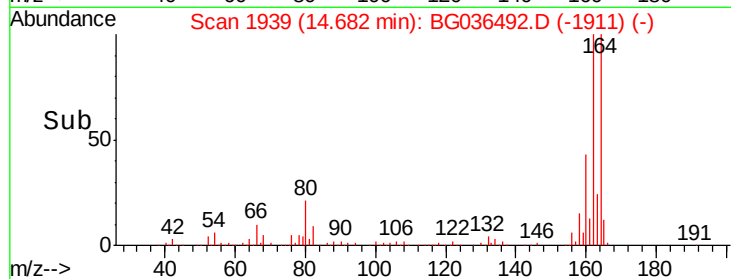
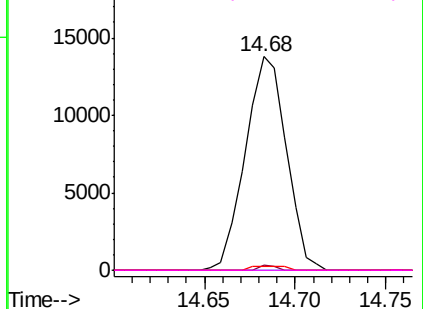
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

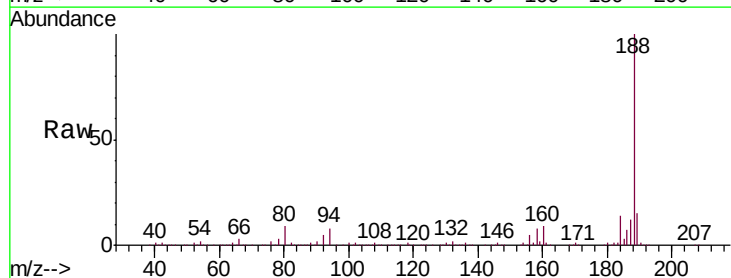
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.3	8.1	12.1

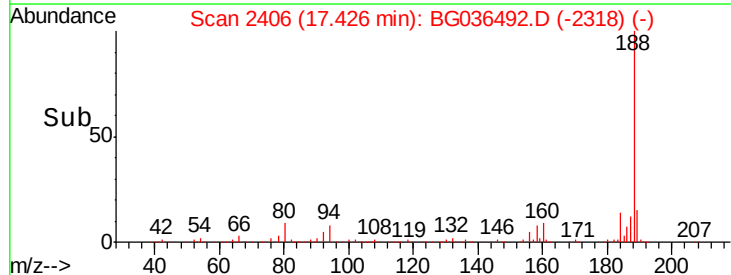
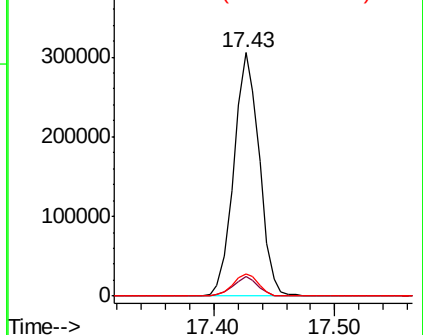


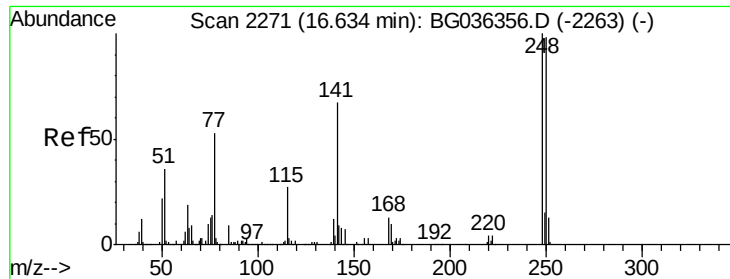
Abundance

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

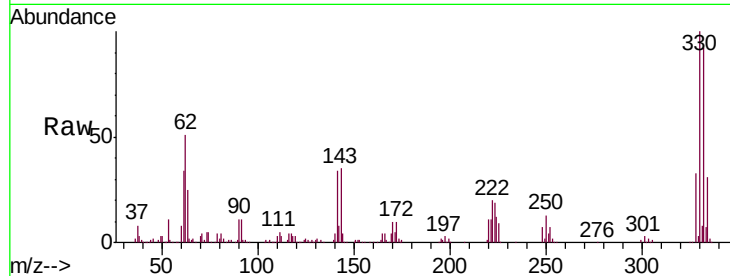




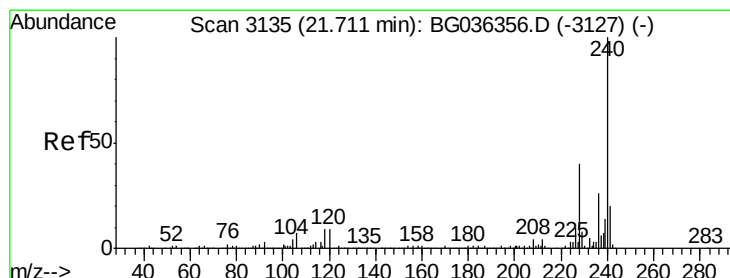
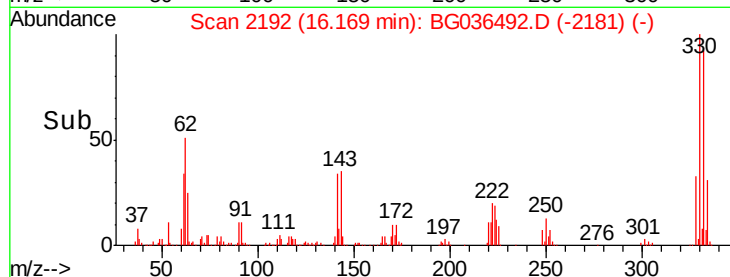
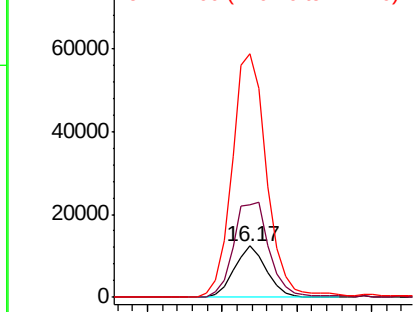
#66
 4-Bromophenyl-phenylether
 Concen: 3.592 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Instrument :
 BNA_G
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

Tgt Ion:248 Resp: 18856
 Ion Ratio Lower Upper
 248 100
 250 180.0 78.1 117.1#
 141 472.9 53.7 80.5#

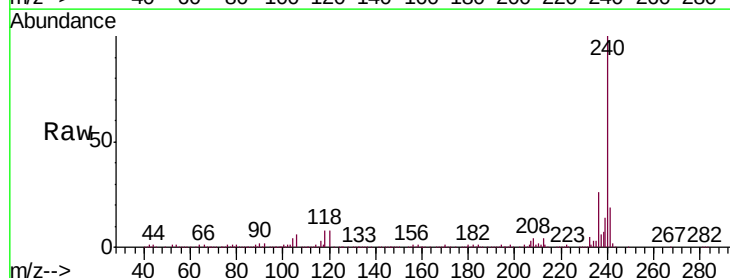


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

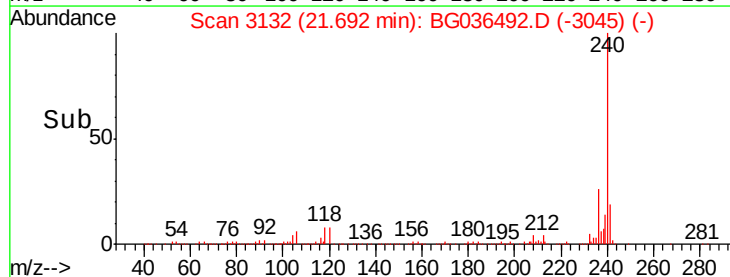
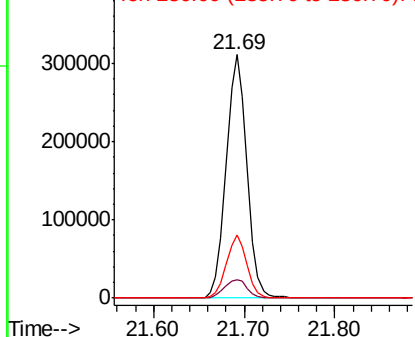


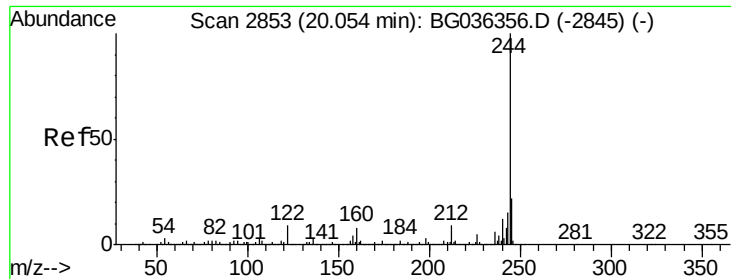
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036492.D
 Acq: 31 Aug 2018 00:03

Tgt Ion:240 Resp: 491709
 Ion Ratio Lower Upper
 240 100
 120 7.7 6.9 10.3
 236 25.7 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: 79.796 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

Instrument :

BNA_G

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

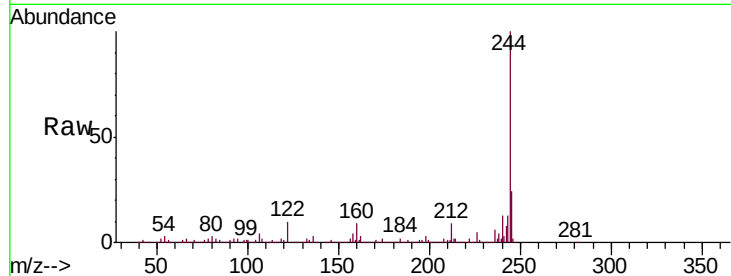
Tgt Ion:244 Resp: 1678676

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

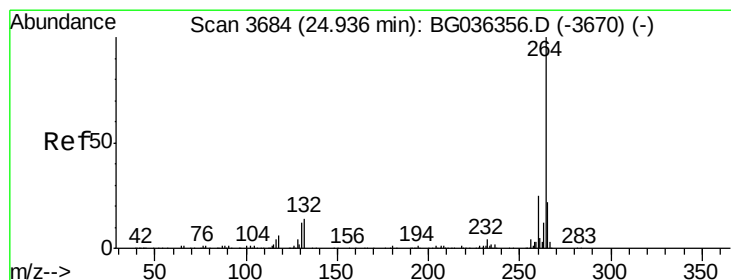
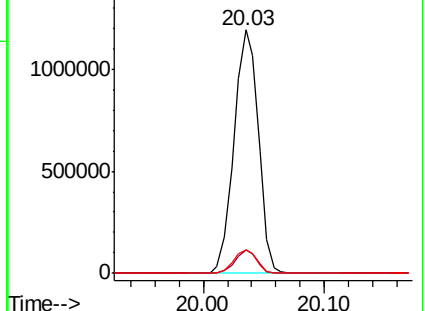
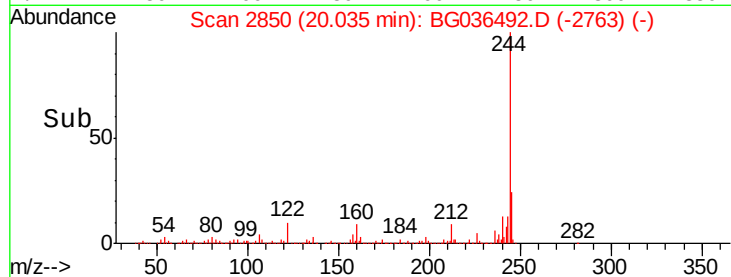
122 9.6 7.1 10.7



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: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036492.D

Acq: 31 Aug 2018 00:03

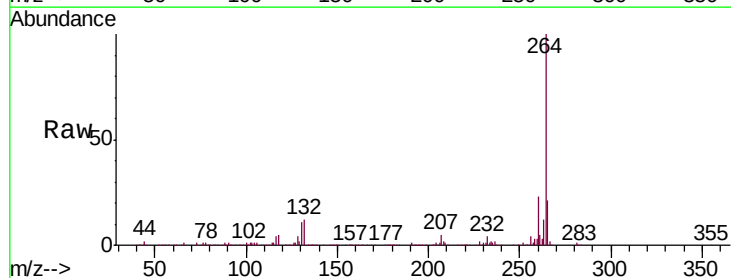
Tgt Ion:264 Resp: 485103

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 21.5 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

