

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036830.D
 Acq On : 19 Sep 2018 21:55
 Operator : JU/SJ
 Sample : J4973-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-2

Quant Time: Sep 20 07:28:37 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

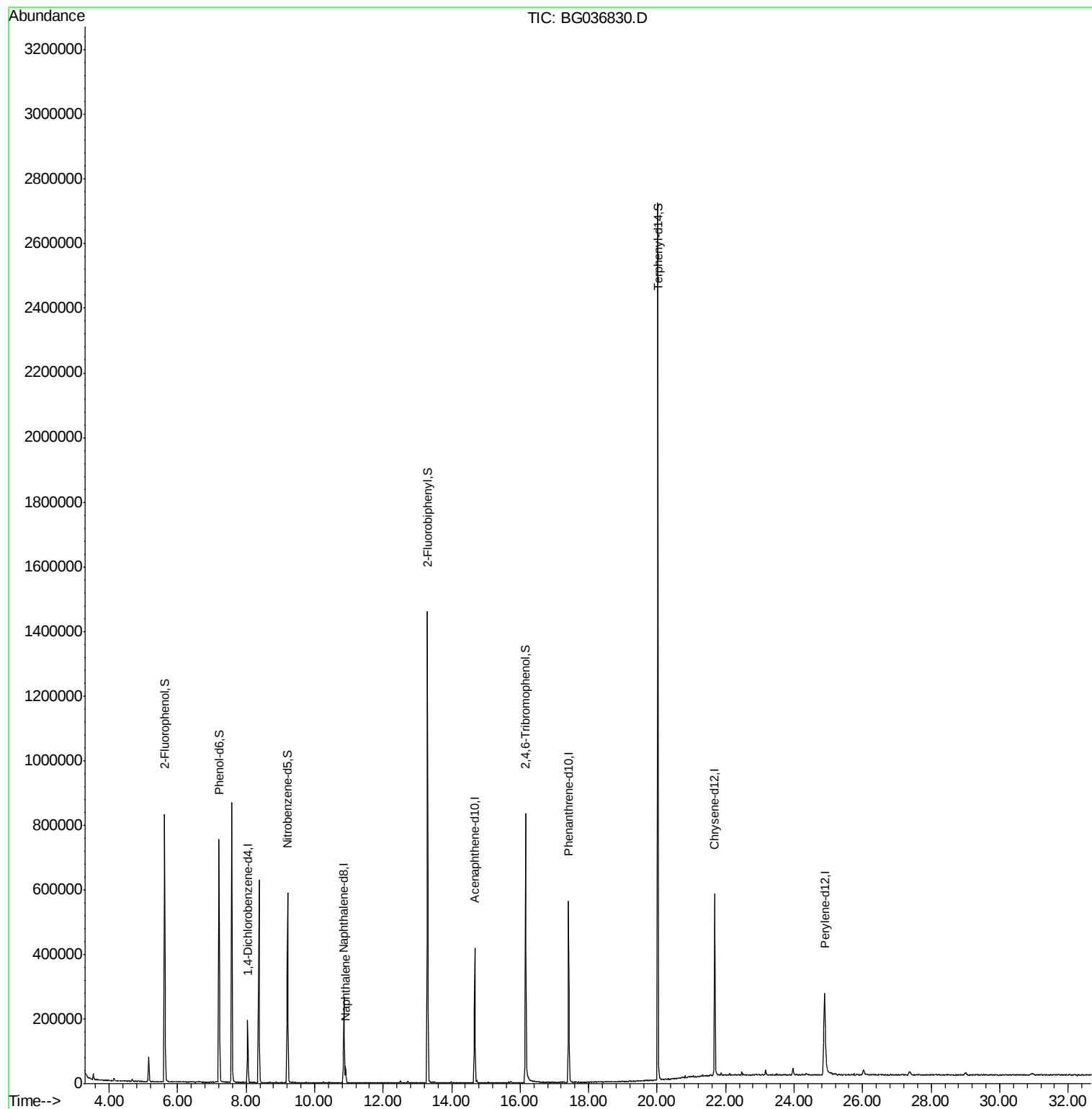
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53323	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	223973	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	147221	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	358469	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	365647	20.00	ng	-0.01
86) Perylene-d12	24.89	264	344519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	344028	102.34	ng	0.00
7) Phenol-d6	7.21	99	439509	91.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	346156	83.86	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	167247	95.21	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	749804	72.72	ng	-0.01
78) Terphenyl-d14	20.02	244	1277004	81.63	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	42778	3.821	ng	Qvalue 98

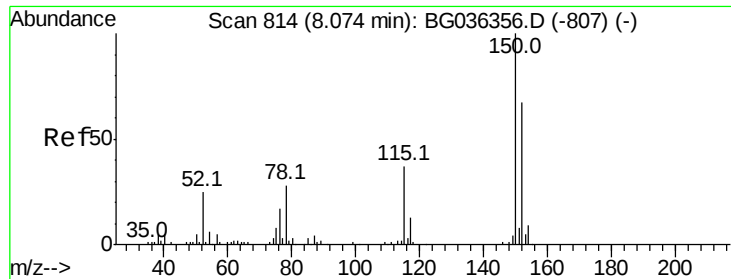
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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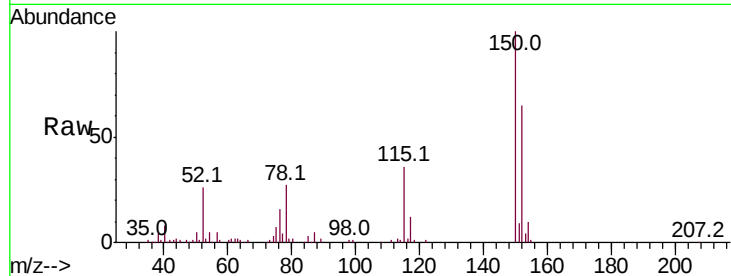


#1

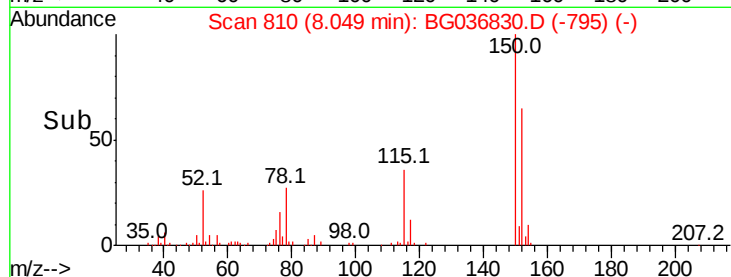
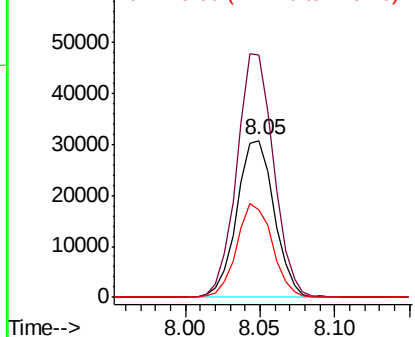
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036830.D
Acq: 19 Sep 2018 21:55

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-2

Tot Ion:152 Resp: 53323
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 55.5 44.5 66.7



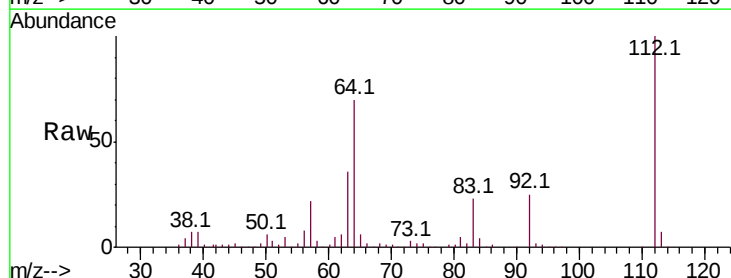
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



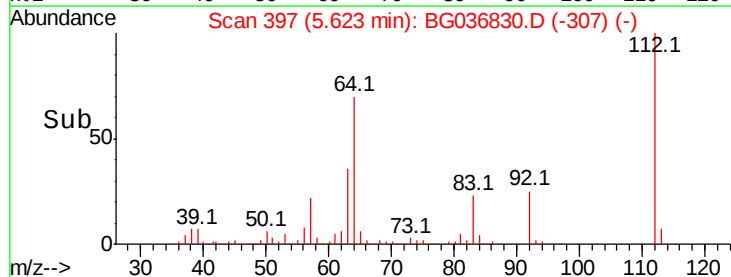
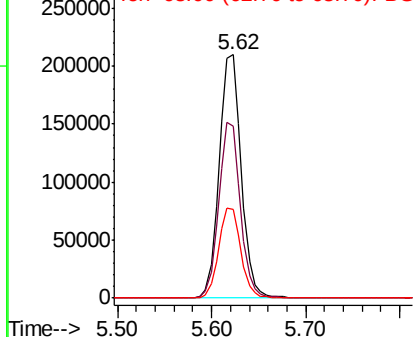
#5

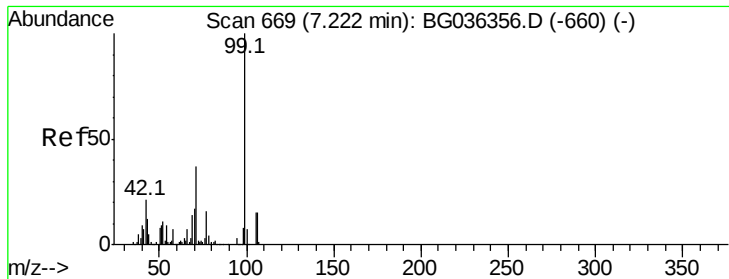
2-Fluorophenol
Concen: 102.344 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036830.D
Acq: 19 Sep 2018 21:55

Tgt Ion:112 Resp: 344028
Ion Ratio Lower Upper
112 100
64 70.4 57.2 85.8
63 36.2 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: 91.321 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036830.D

Acq: 19 Sep 2018 21:55

Instrument :

BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-2

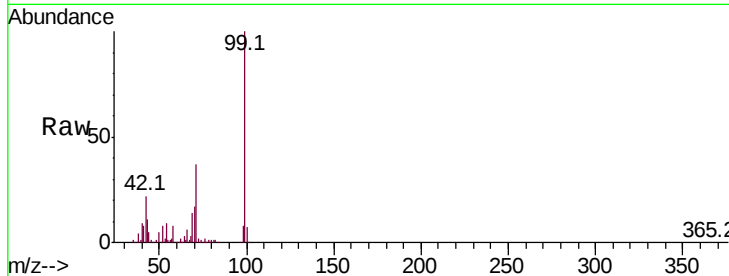
Tot Ion: 99 Resp: 439509

Ion Ratio Lower Upper

99 100

42 21.5 16.5 24.7

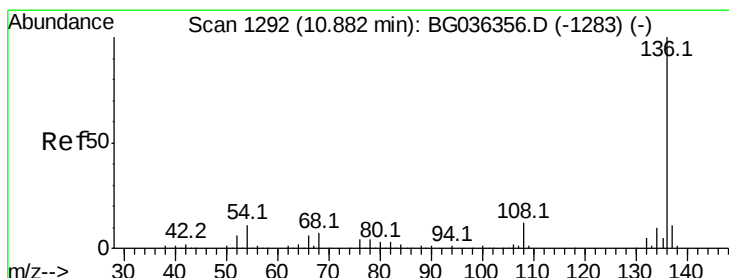
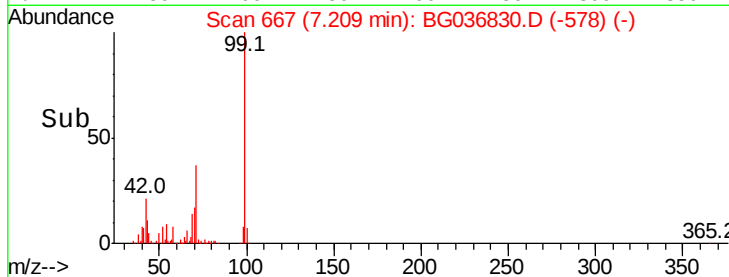
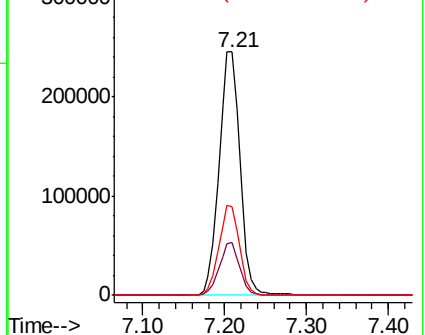
71 36.6 29.4 44.2



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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036830.D

Acq: 19 Sep 2018 21:55

Tgt Ion: 136 Resp: 223973

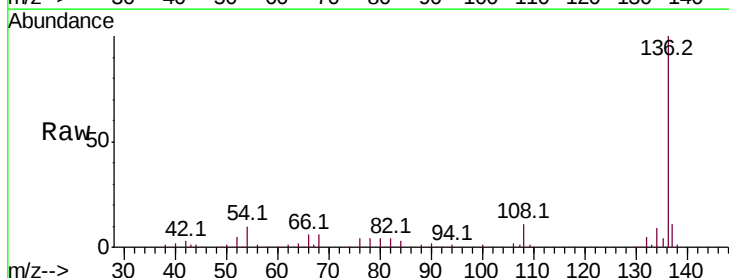
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.0 9.2 13.8

68 6.3 5.8 8.6

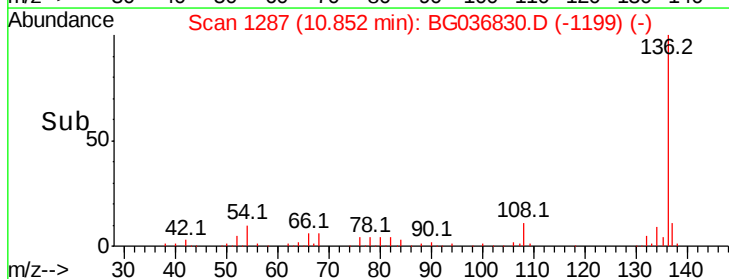
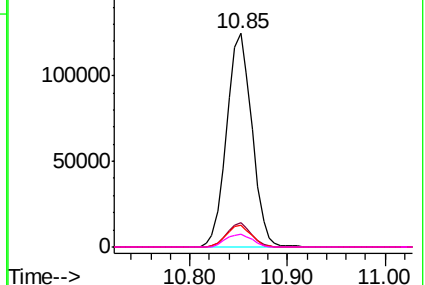


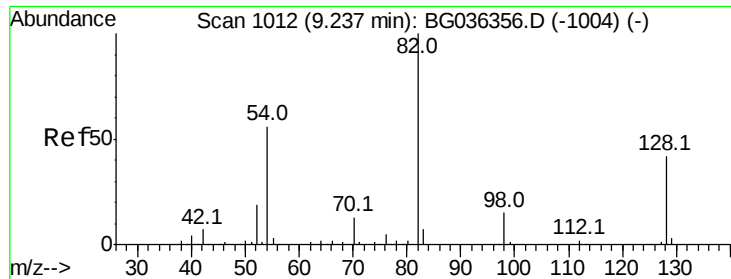
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

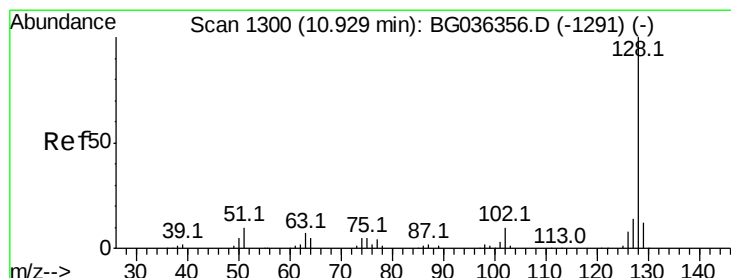
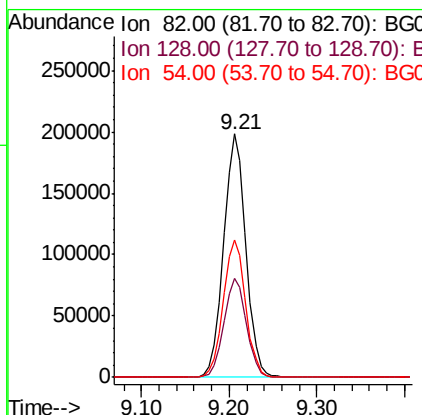
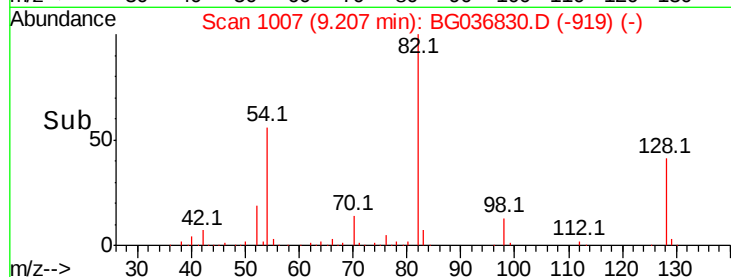
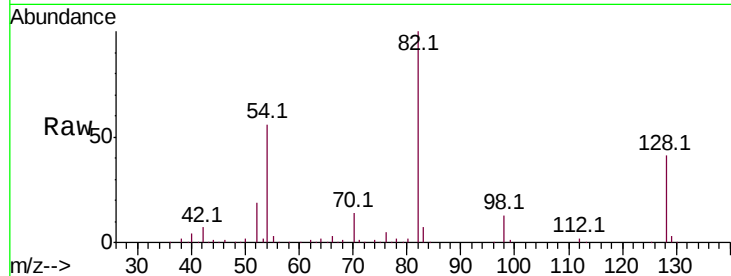




#23
 Nitrobenzene-d5
 Concen: 83.855 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036830.D
 Acq: 19 Sep 2018 21:55

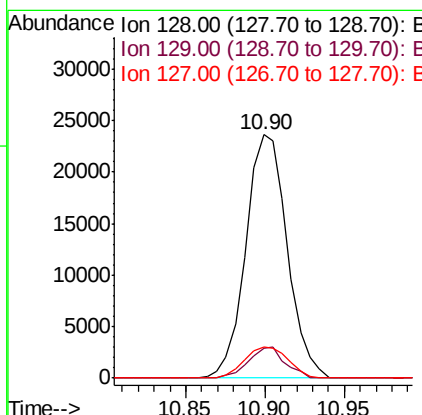
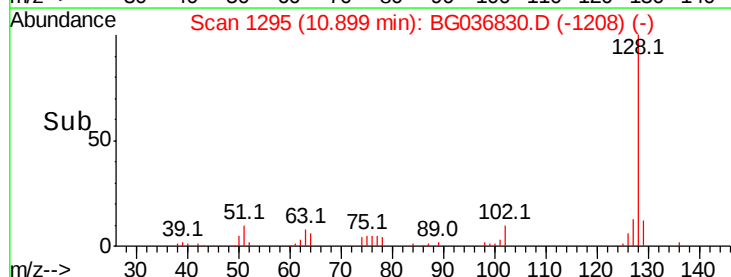
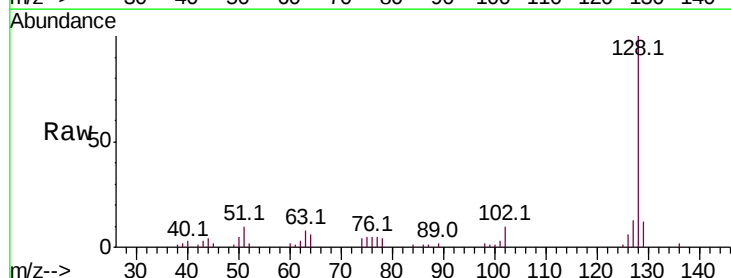
Instrument :
 BNA_G
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-2

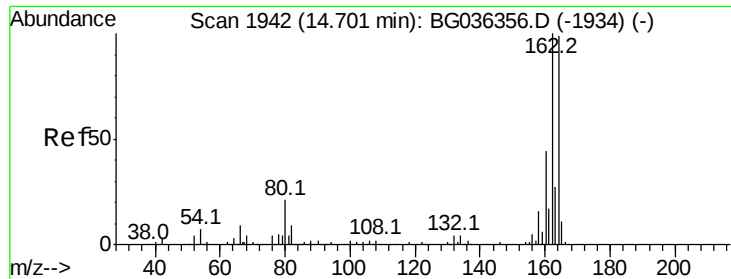
Tot Ion: 82 Resp: 346156
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.3 49.9
 54 56.3 45.1 67.7



#31
 Naphthalene
 Concen: 3.821 ng
 RT: 10.90 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BG036830.D
 Acq: 19 Sep 2018 21:55

Tgt Ion: 128 Resp: 42778
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.4 14.2
 127 12.9 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036830.D

Acq: 19 Sep 2018 21:55

Instrument :

BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-2

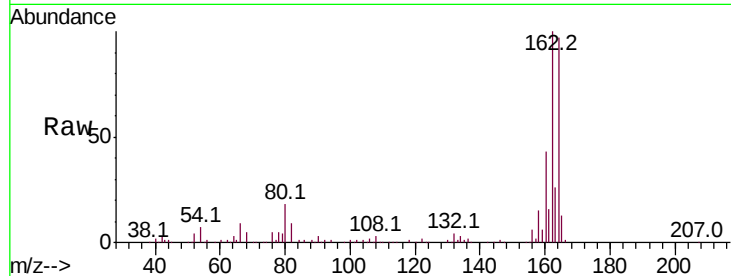
Tot Ion:164 Resp: 147221

Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

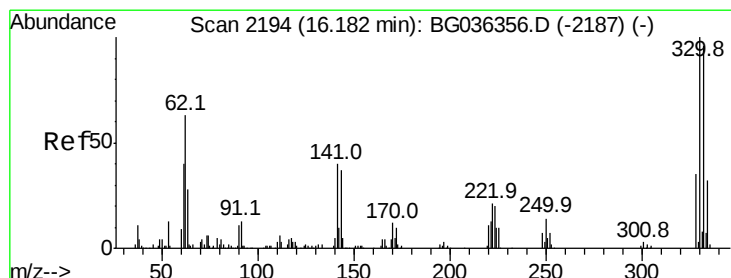
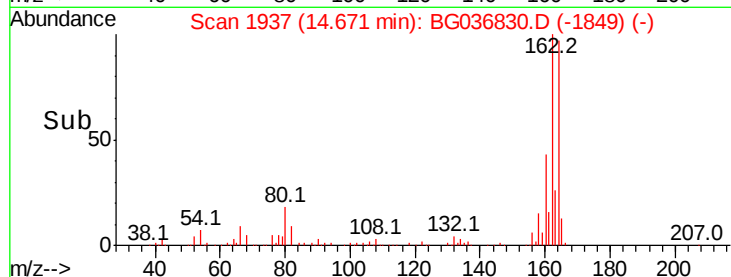
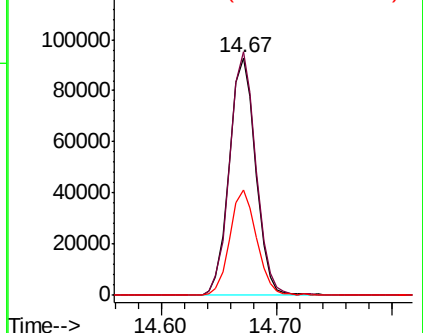
160 44.3 35.3 52.9



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: 95.207 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036830.D

Acq: 19 Sep 2018 21:55

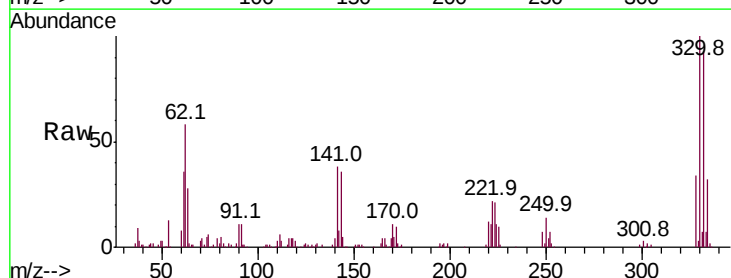
Tgt Ion:330 Resp: 167247

Ion Ratio Lower Upper

330 100

332 97.3 75.4 113.2

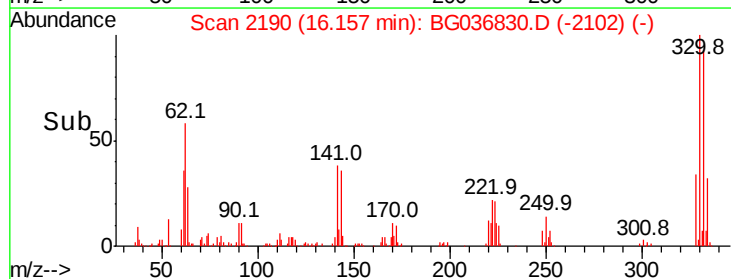
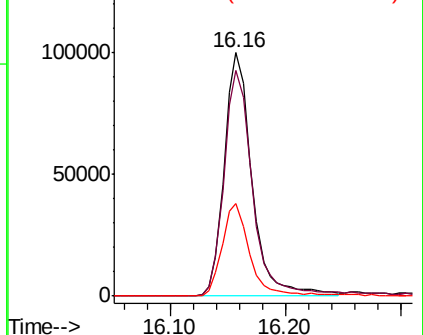
141 37.8 30.7 46.1

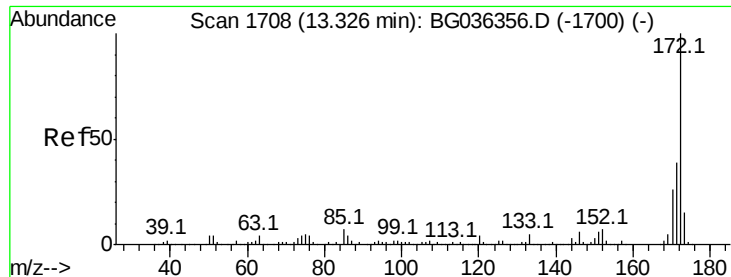


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

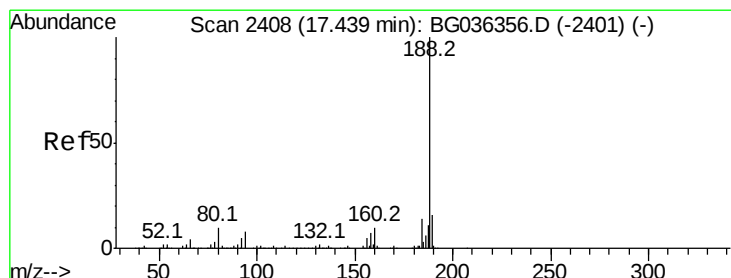
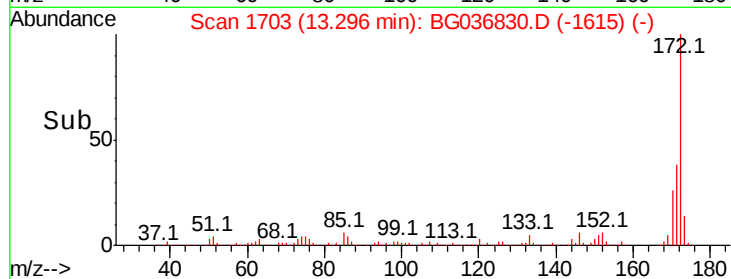
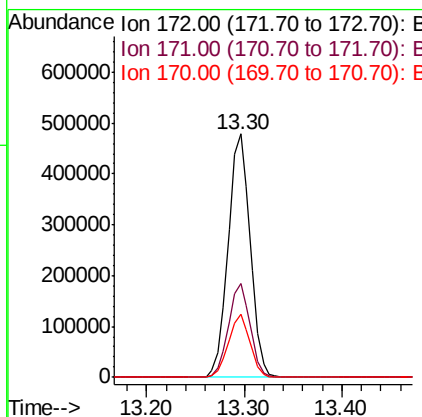
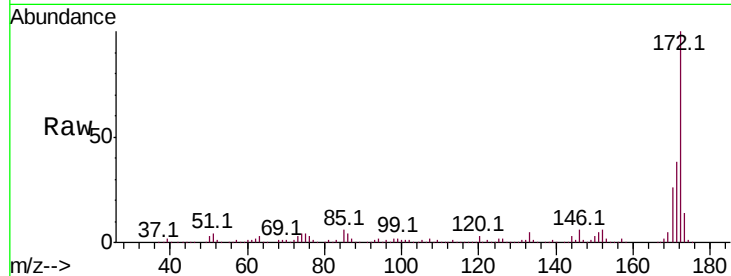




#44
 2-Fluorobiphenyl
 Concen: 72.720 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036830.D
 Acq: 19 Sep 2018 21:55

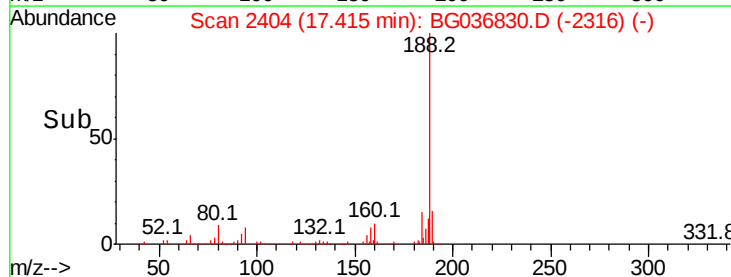
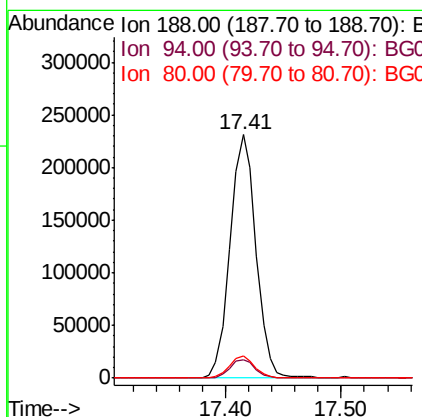
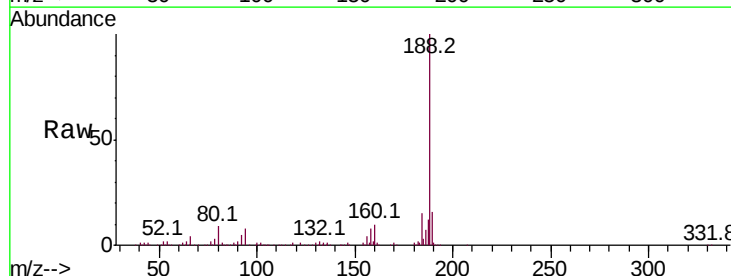
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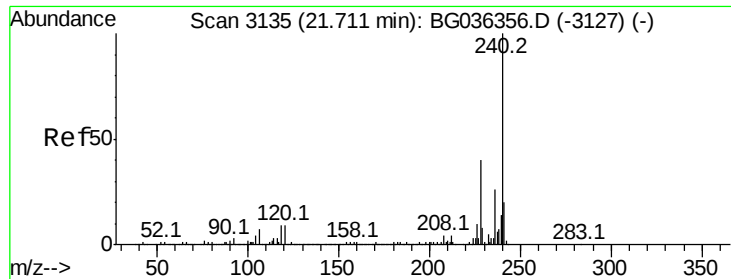
Tot Ion:172 Resp: 749804
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.3 46.9
 170 25.7 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036830.D
 Acq: 19 Sep 2018 21:55

Tgt Ion:188 Resp: 358469
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 9.2 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036830.D

Acq: 19 Sep 2018 21:55

Instrument :

BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-2

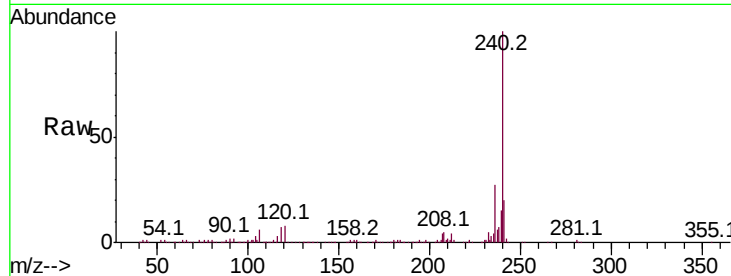
Tot Ion:240 Resp: 365647

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

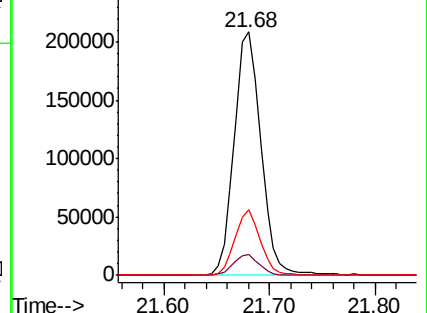
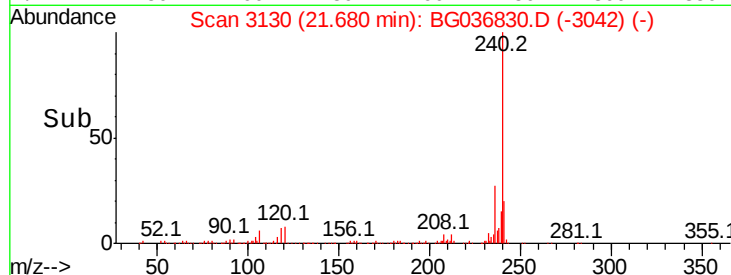
236 26.8 21.2 31.8



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: 81.631 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036830.D

Acq: 19 Sep 2018 21:55

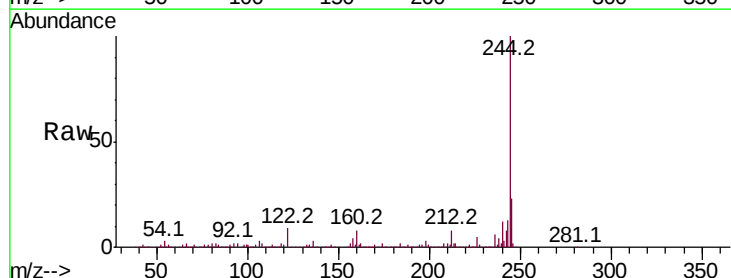
Tgt Ion:244 Resp: 1277004

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

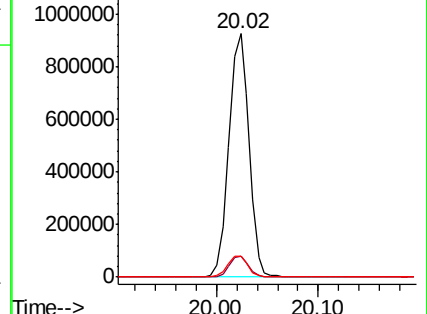
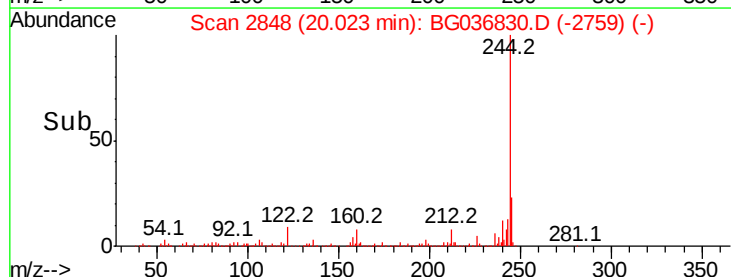
122 8.7 7.1 10.7

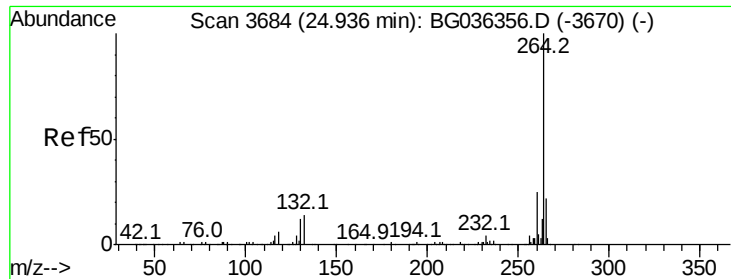


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BG036830.D
 Acq: 19 Sep 2018 21:55

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.4	17.4	26.0

