

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036831.D
 Acq On : 19 Sep 2018 22:34
 Operator : JU/SJ
 Sample : J4973-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

Quant Time: Sep 20 07:30:25 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

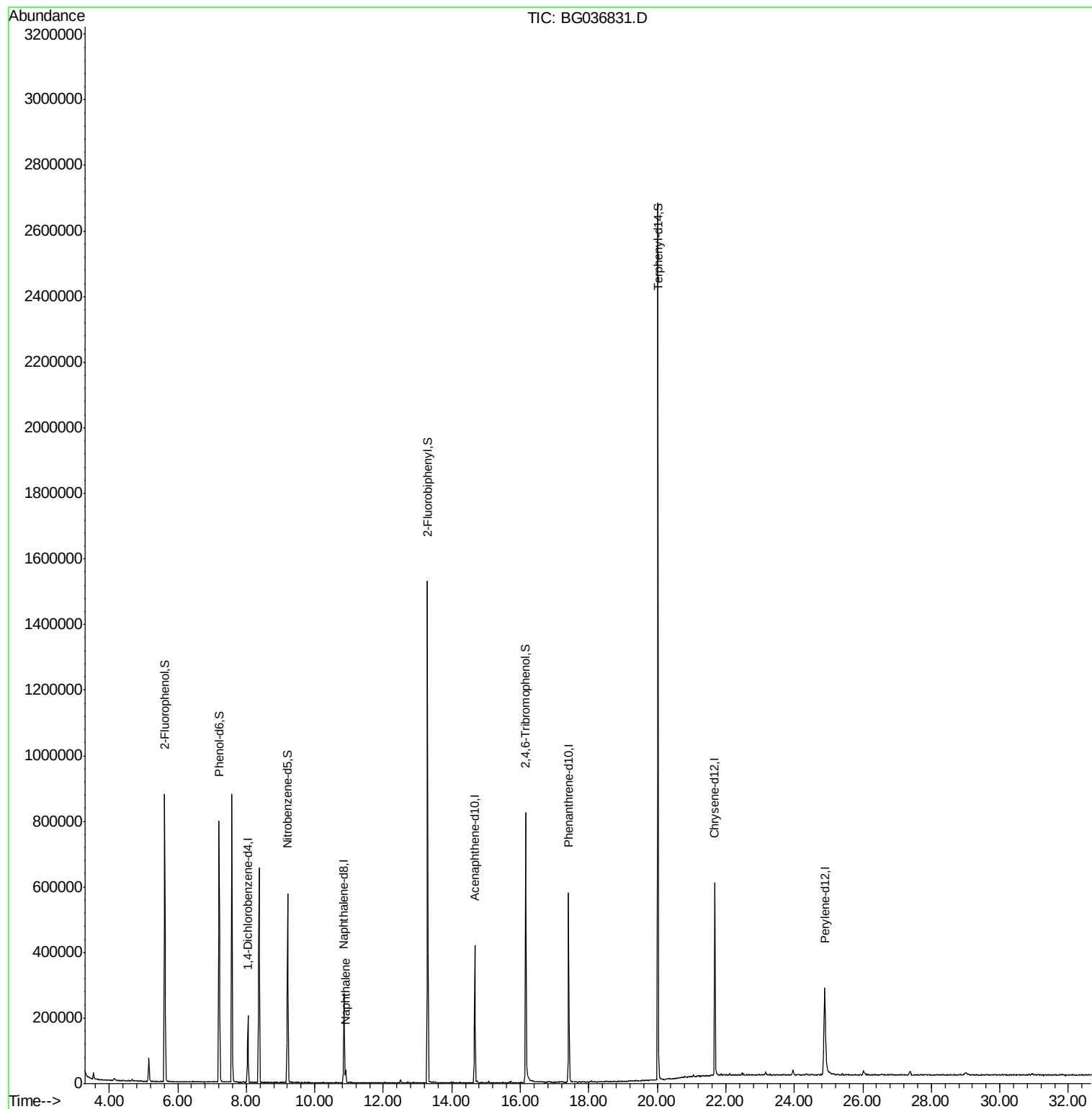
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55597	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	230318	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	149713	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	362222	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	374787	20.00	ng	-0.02
86) Perylene-d12	24.89	264	349948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	354187	101.06	ng	0.00
7) Phenol-d6	7.21	99	450289	89.73	ng	-0.01
23) Nitrobenzene-d5	9.21	82	352169	82.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	171561	96.04	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	766649	73.12	ng	-0.02
78) Terphenyl-d14	20.02	244	1254956	78.26	ng	-0.01
Target Compounds						
31) Naphthalene	10.90	128	32310	2.806	ng	Qvalue 97

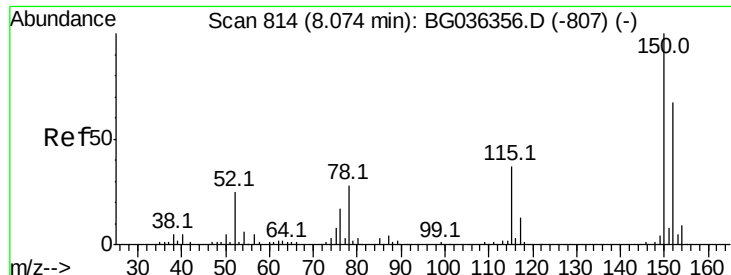
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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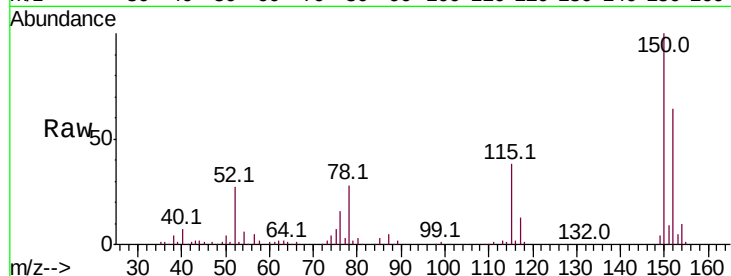


#1

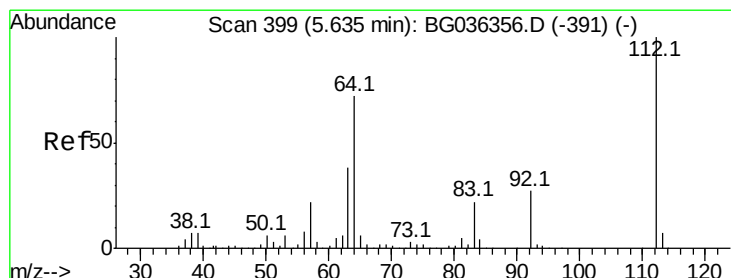
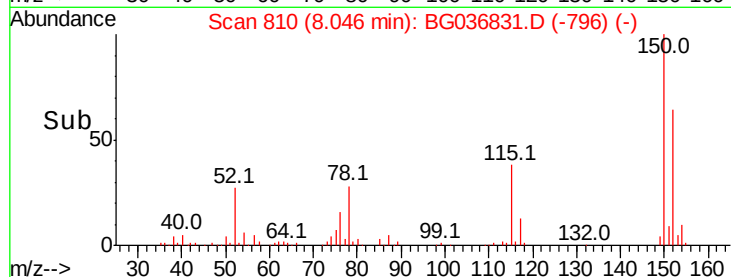
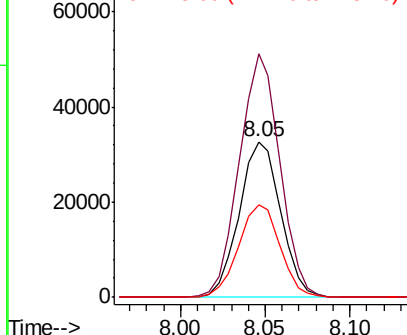
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tot Ion:152 Resp: 55597
Ion Ratio Lower Upper
152 100
150 156.8 119.5 179.3
115 60.0 44.5 66.7



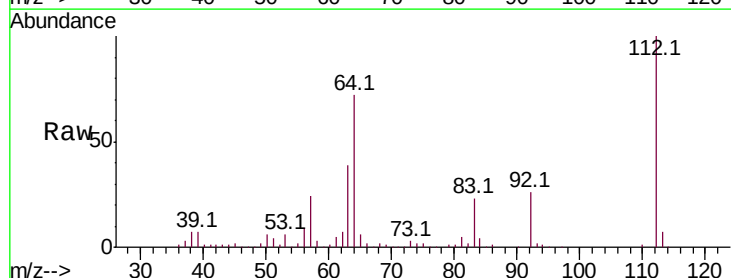
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



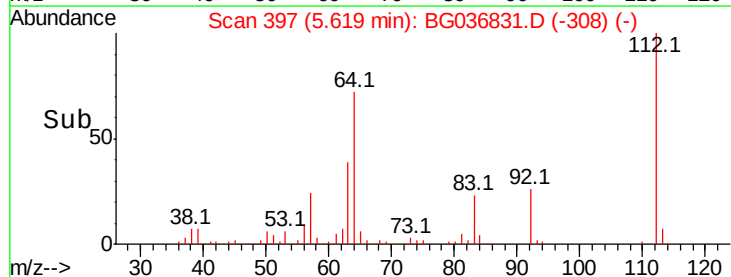
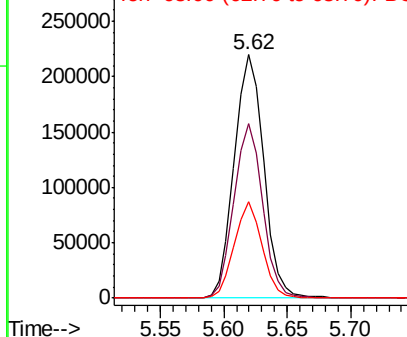
#5

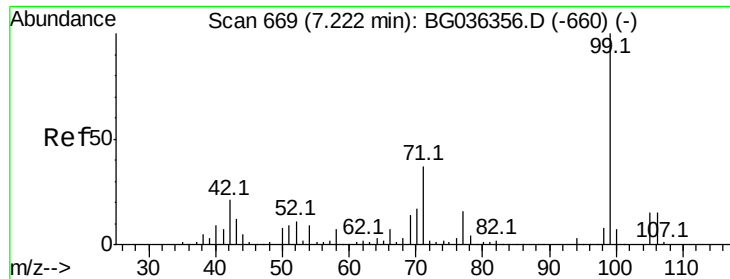
2-Fluorophenol
Concen: 101.057 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:112 Resp: 354187
Ion Ratio Lower Upper
112 100
64 71.8 57.2 85.8
63 39.4 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: 89.734 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

Instrument :

BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

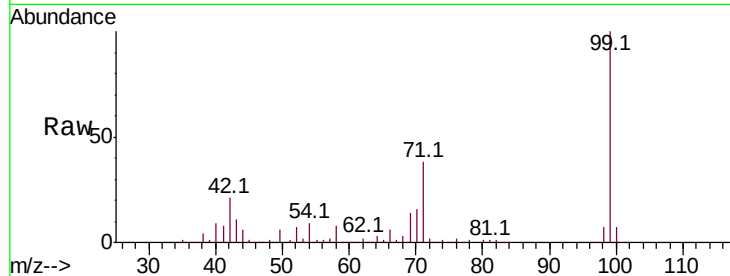
Tot Ion: 99 Resp: 450289

Ion Ratio Lower Upper

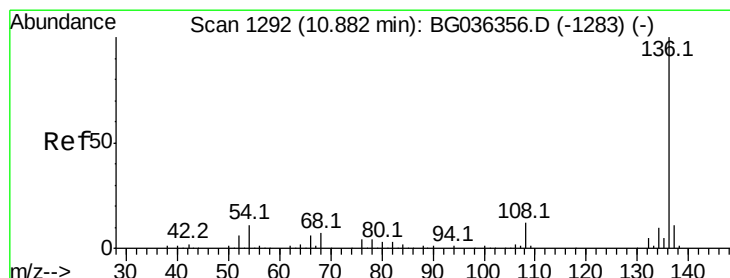
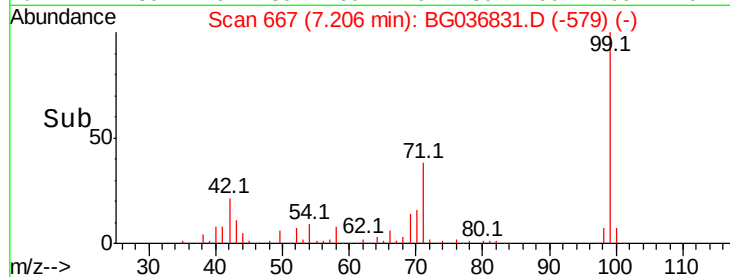
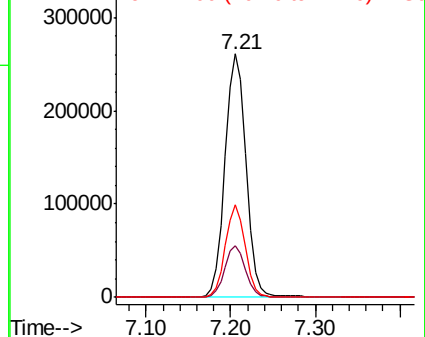
99 100

42 21.4 16.5 24.7

71 38.1 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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

Tgt Ion: 136 Resp: 230318

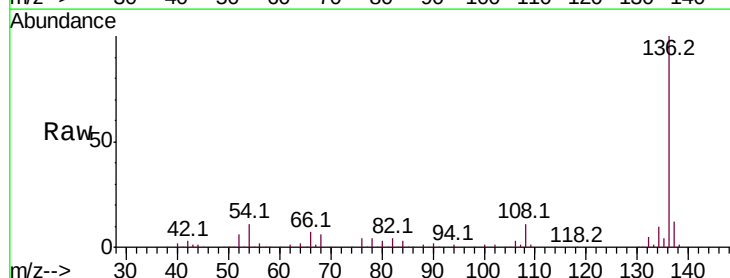
Ion Ratio Lower Upper

136 100

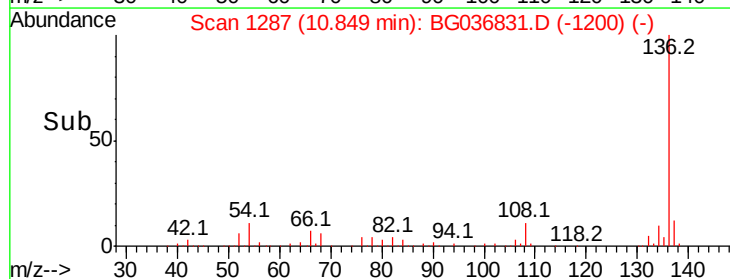
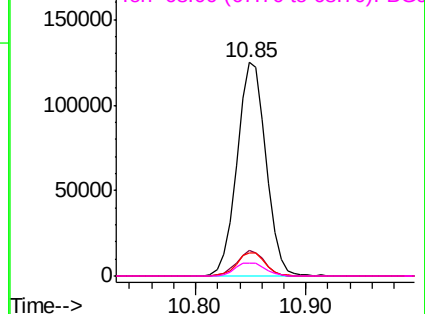
137 12.0 8.8 13.2

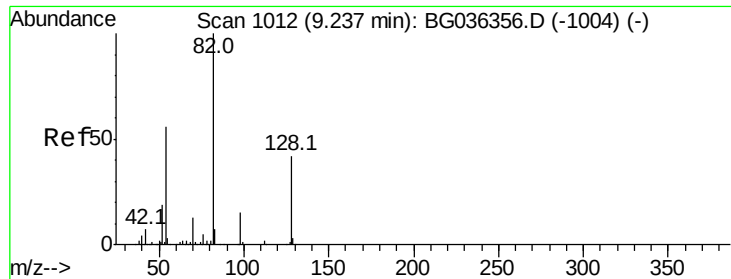
54 10.8 9.2 13.8

68 5.8 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: 82.962 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

Instrument :

BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

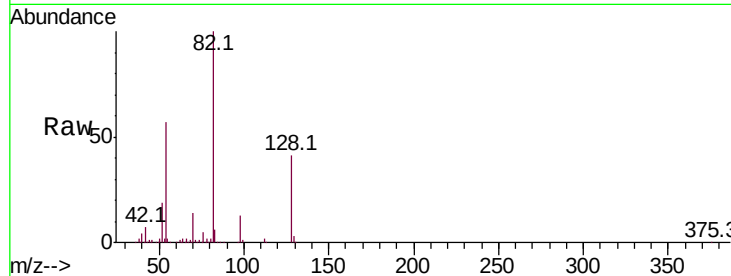
Tot Ion: 82 Resp: 352169

Ion Ratio Lower Upper

82 100

128 40.9 33.3 49.9

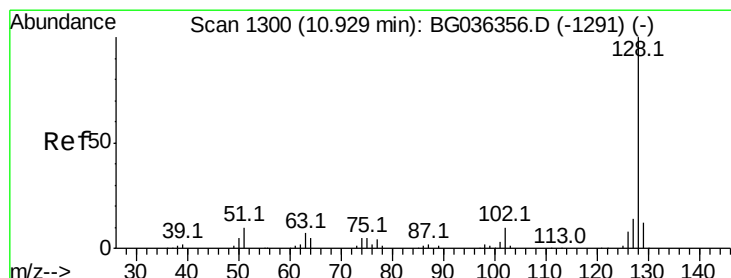
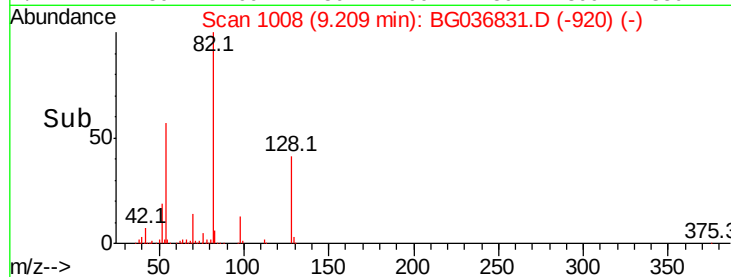
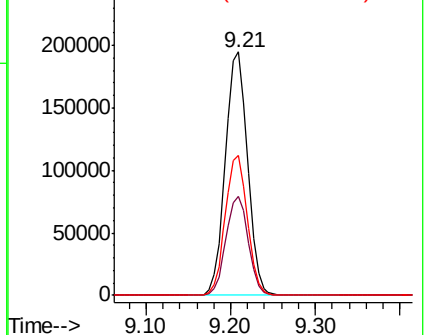
54 57.3 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 2.806 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

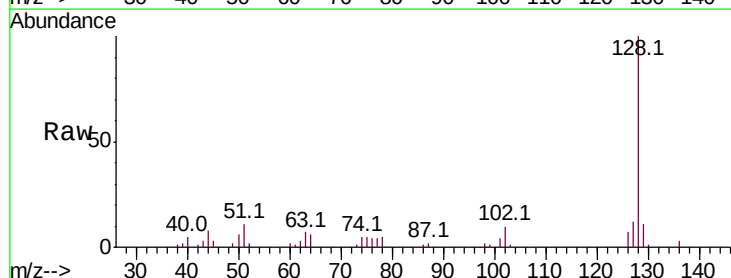
Tgt Ion: 128 Resp: 32310

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

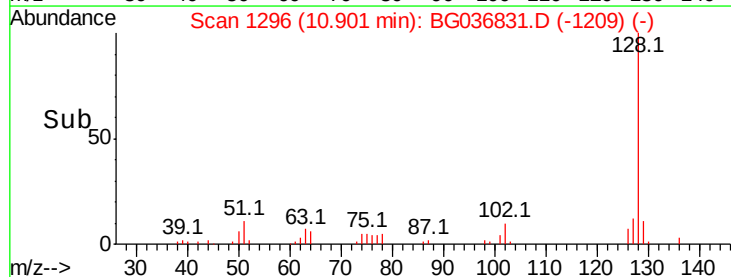
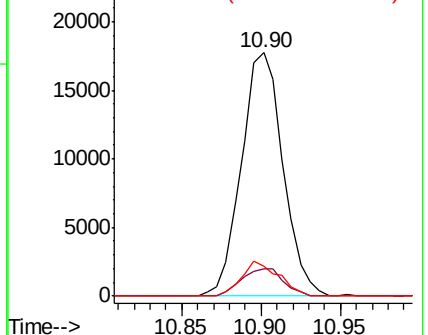
127 12.3 11.0 16.4

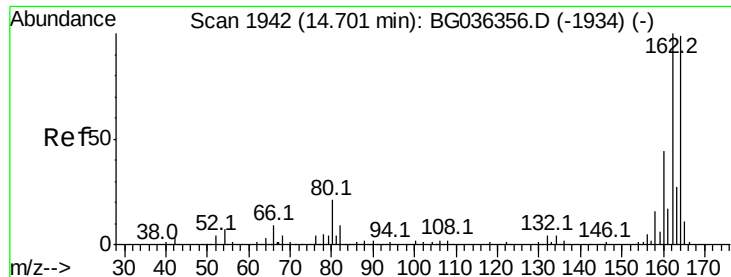


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

Instrument :

BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

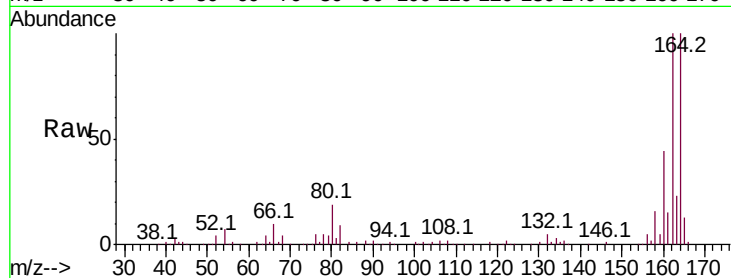
Tot Ion:164 Resp: 149713

Ion Ratio Lower Upper

164 100

162 100.4 80.7 121.1

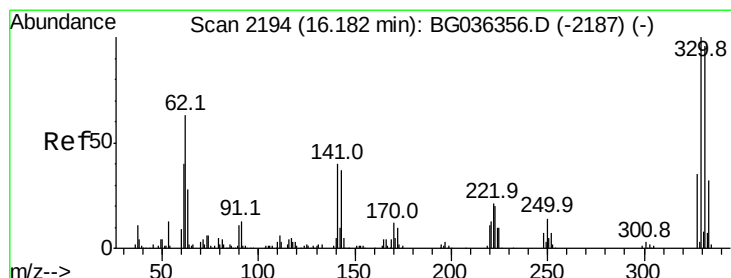
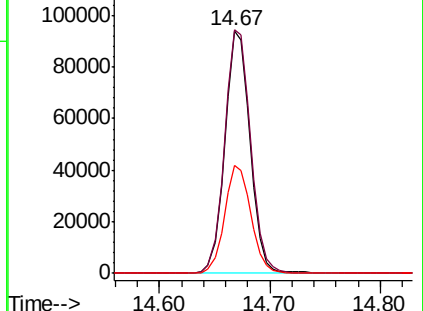
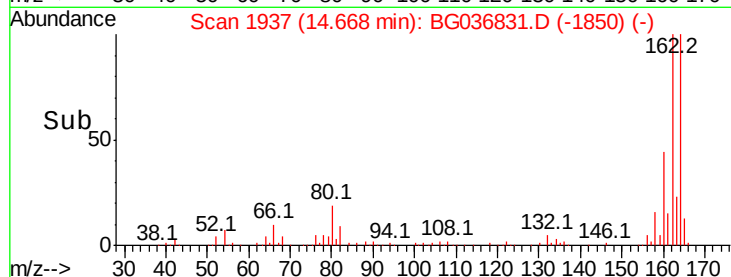
160 44.5 35.3 52.9



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: 96.037 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

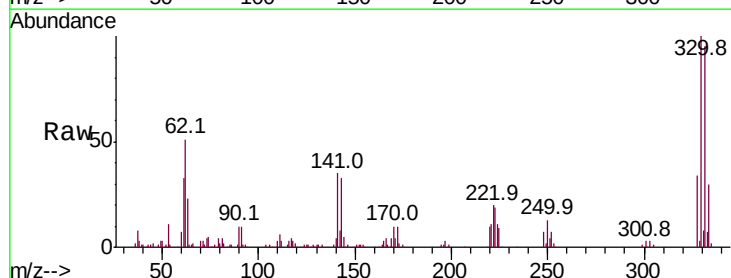
Tgt Ion:330 Resp: 171561

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

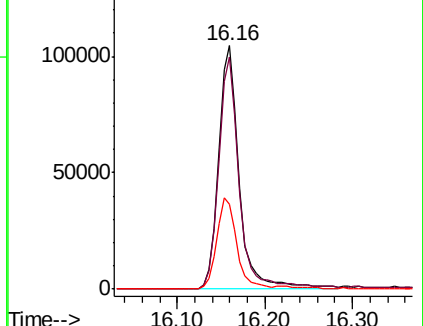
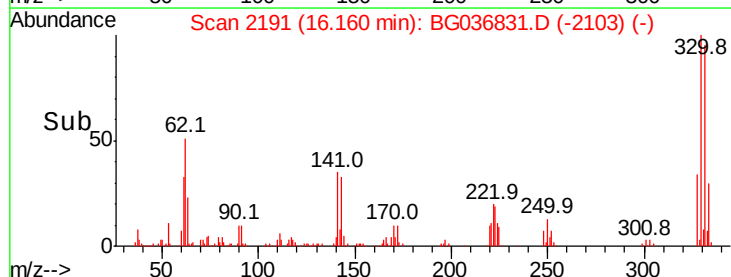
141 38.1 30.7 46.1

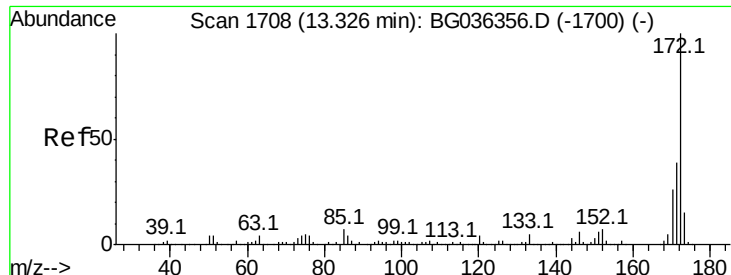


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

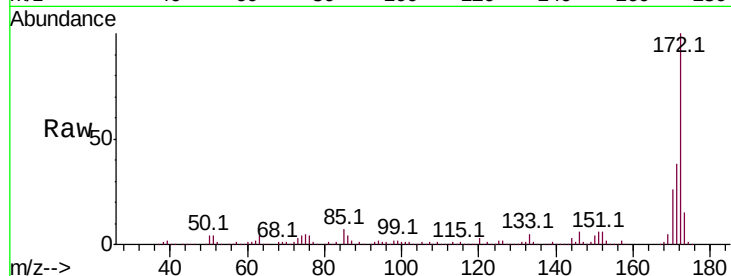




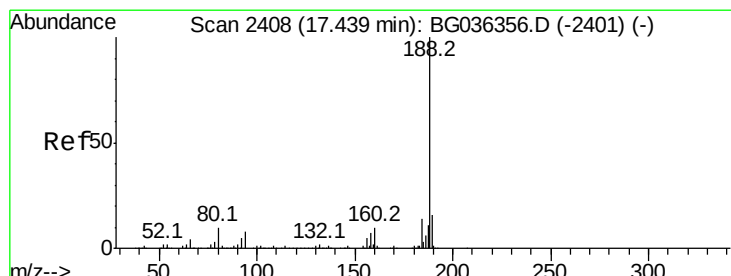
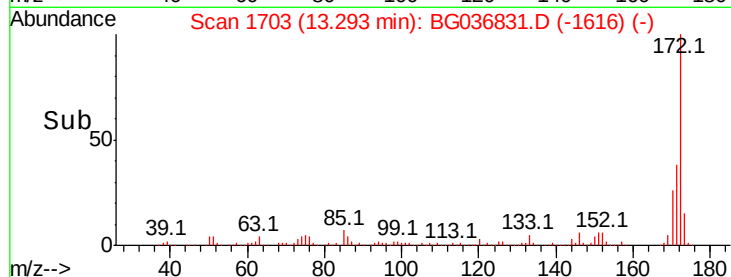
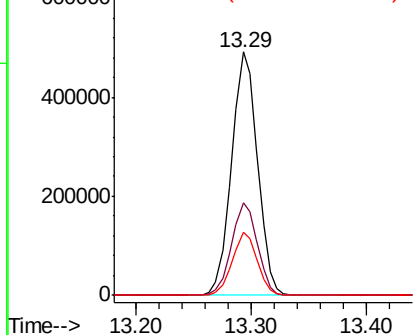
#44
2-Fluorobiphenyl
Concen: 73.116 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Instrument :
BNA_G
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tot Ion:172 Resp: 766649
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 25.9 21.0 31.6

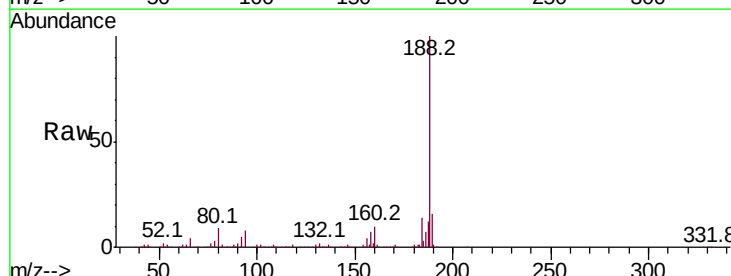


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

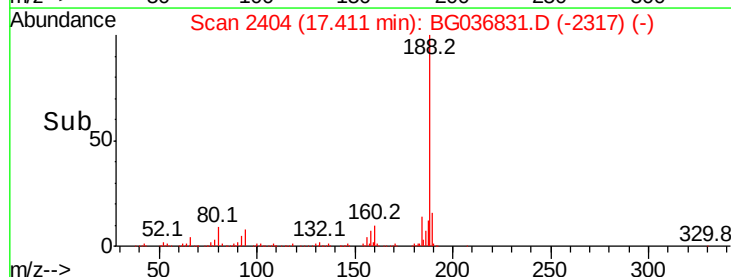
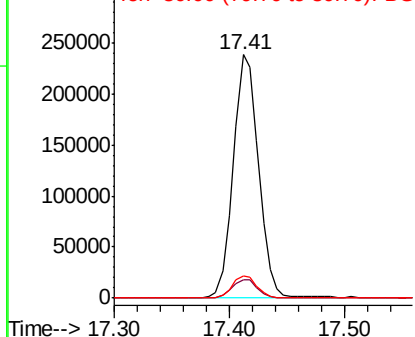


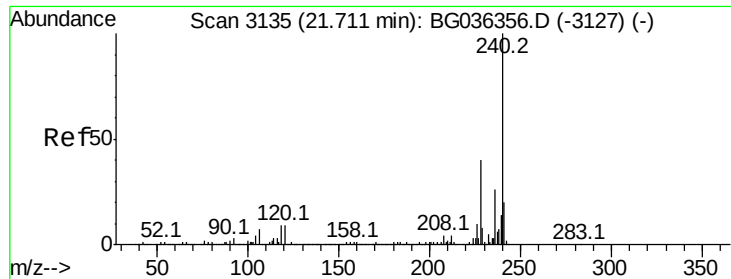
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036831.D
Acq: 19 Sep 2018 22:34

Tgt Ion:188 Resp: 362222
Ion Ratio Lower Upper
188 100
94 7.6 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): BG
Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

Instrument :

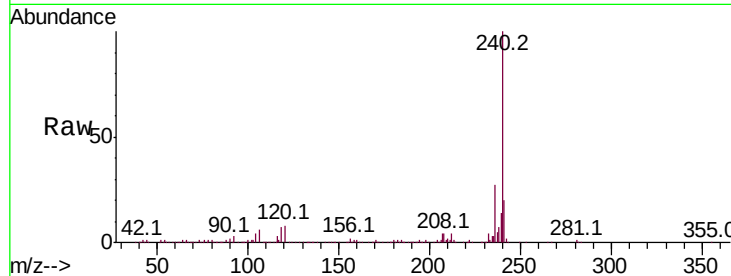
BNA_G

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

Tot Ion:240 Resp: 374787

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	26.6	21.2	31.8

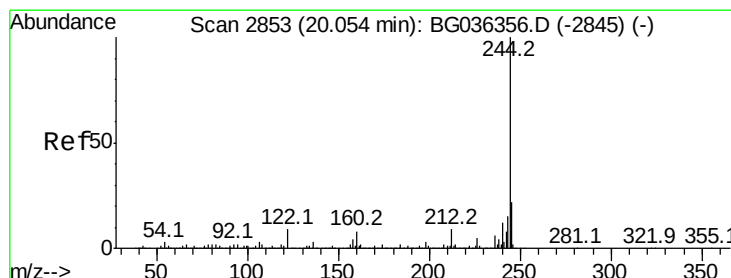
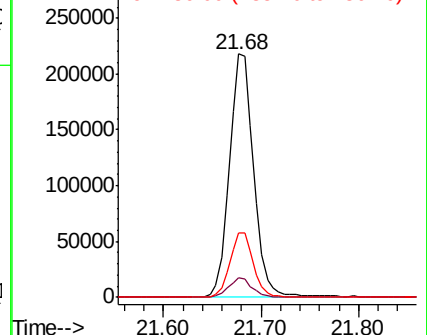
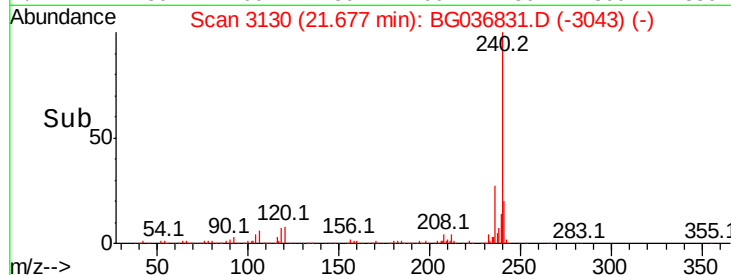


Abundance

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: 78.265 ng

RT: 20.02 min Scan# 2848

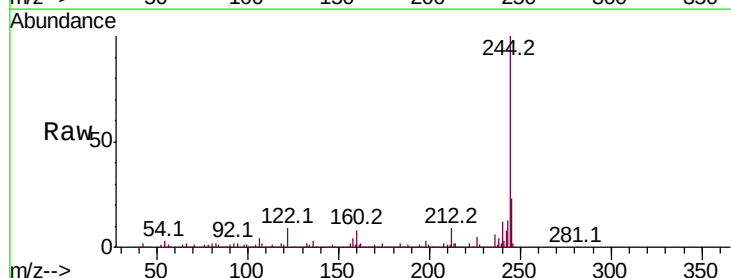
Delta R.T. -0.01 min

Lab File: BG036831.D

Acq: 19 Sep 2018 22:34

Tgt Ion:244 Resp: 1254956

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	7.1	10.7

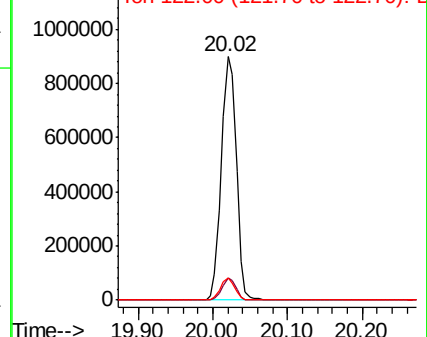
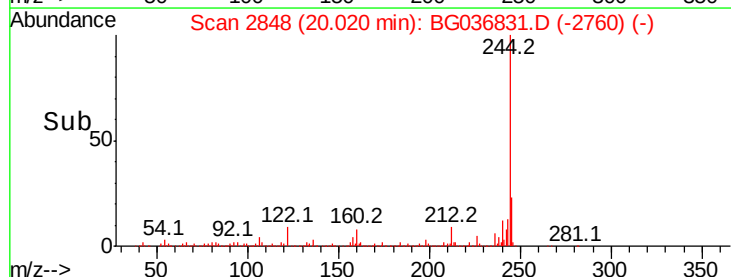


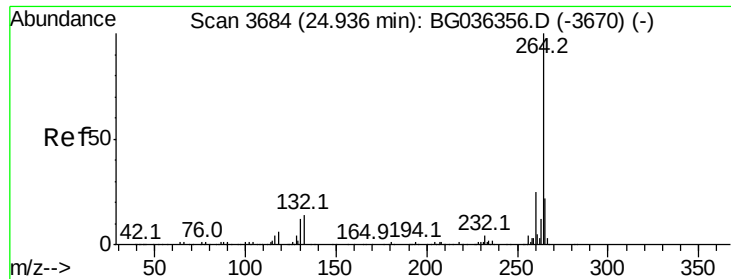
Abundance

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

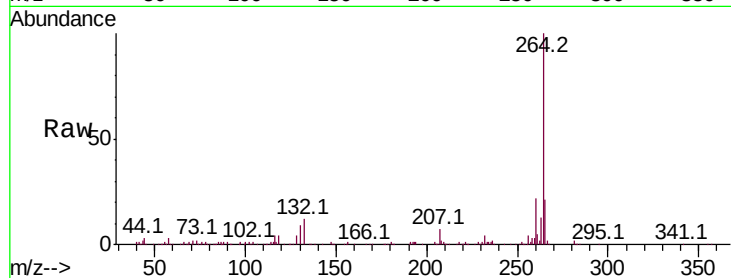




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036831.D
 Acq: 19 Sep 2018 22:34

Instrument :
 BNA_G
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

Tot Ion:	264	Resp:	349948
Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.6	29.4
265	20.6	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

