

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033467.D
 Acq On : 31 Mar 2018 3:02
 Operator : SJ/JU
 Sample : J2137-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-0318-S-TCLP-64-1

Quant Time: Mar 31 04:46:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

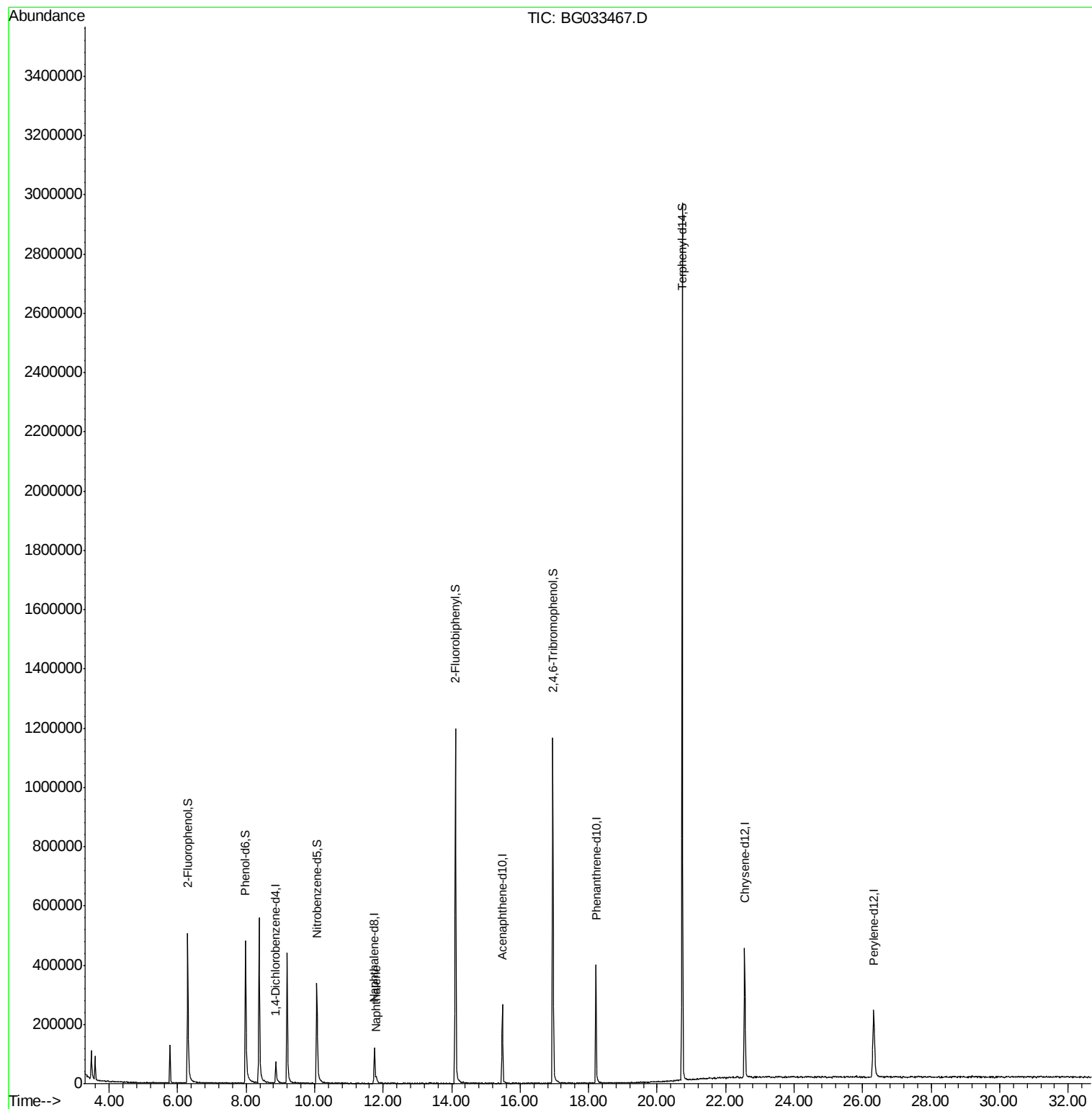
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	27719	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	122757	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	101799	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	302315	20.00	ng	0.00
75) Chrysene-d12	22.56	240	313497	20.00	ng	0.00
86) Perylene-d12	26.32	264	333956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	251614	170.21	ng	0.00
7) Phenol-d6	7.98	99	356712	140.44	ng	0.00
23) Nitrobenzene-d5	10.07	82	277910	104.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	247393	162.49	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	705186	100.00	ng	0.00
78) Terphenyl-d14	20.73	244	1516986	103.49	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	15357	2.414	ng	Qvalue # 84

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

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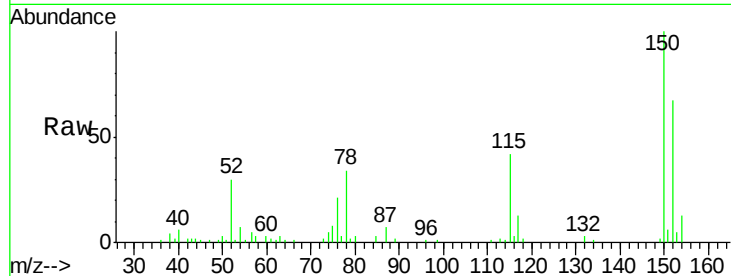


#1

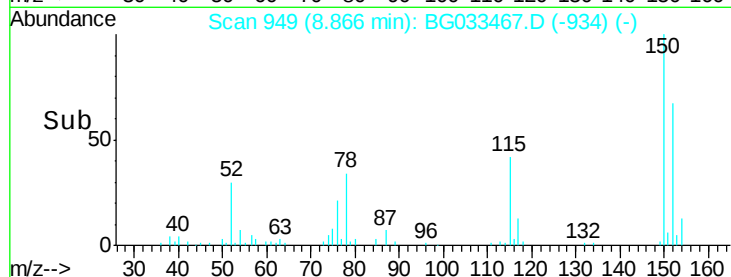
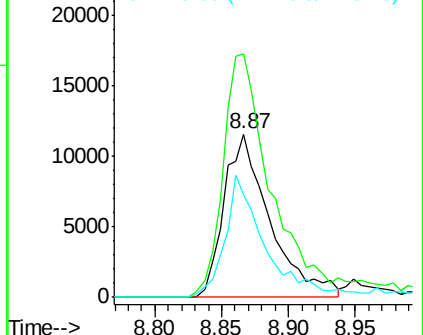
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :
CB-0318-S-TCLP-64-1

Tot Ion:152 Resp: 27719
Ion Ratio Lower Upper
152 100
150 148.9 126.6 189.8
115 62.9 53.0 79.4



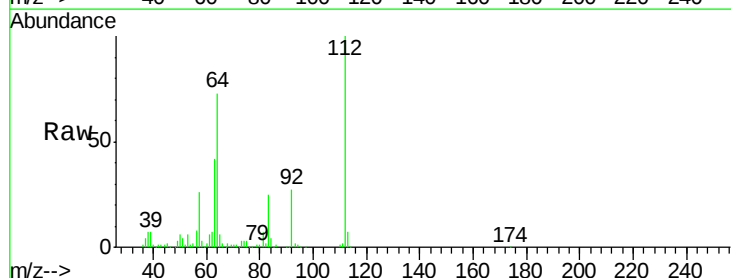
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



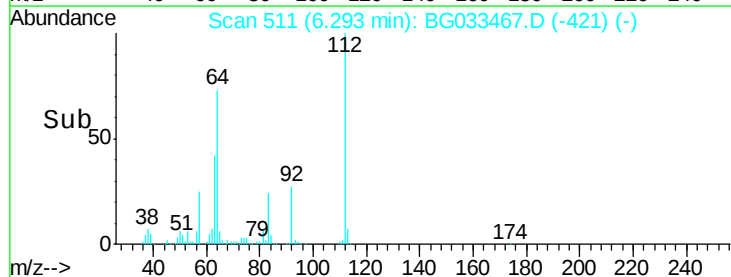
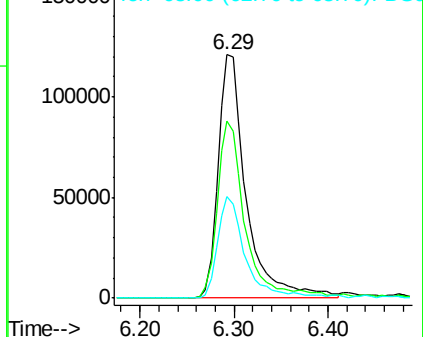
#5

2-Fluorophenol
Concen: 170.211 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion:112 Resp: 251614
Ion Ratio Lower Upper
112 100
64 72.9 56.3 84.5
63 41.7 30.1 45.1



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: 140.441 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033467.D

Acq: 31 Mar 2018 3:02

Instrument :

BNA_G

ClientSampleId :

CB-0318-S-TCLP-64-1

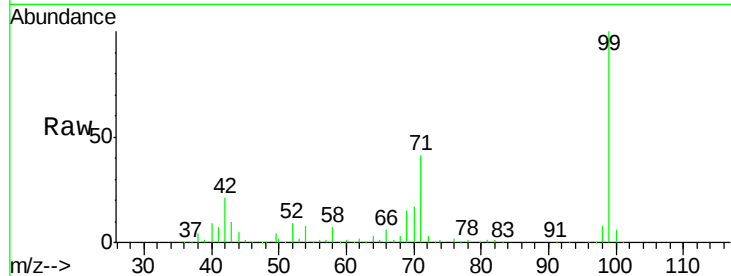
Tot Ion: 99 Resp: 356712

Ion Ratio Lower Upper

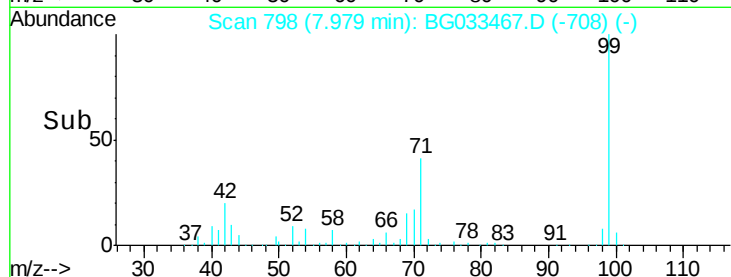
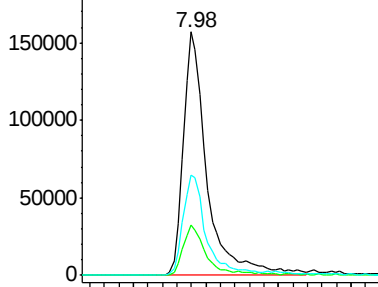
99 100

42 20.6 14.1 21.1

71 41.4 26.1 39.1#



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: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033467.D

Acq: 31 Mar 2018 3:02

Tgt Ion: 136 Resp: 122757

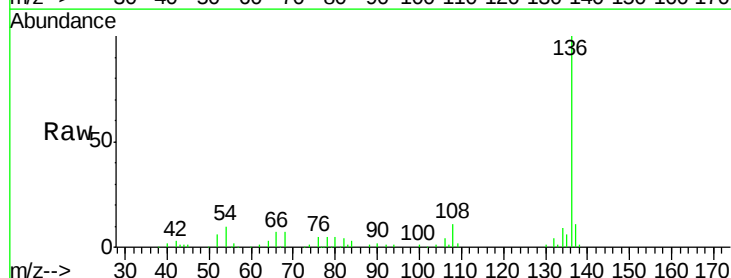
Ion Ratio Lower Upper

136 100

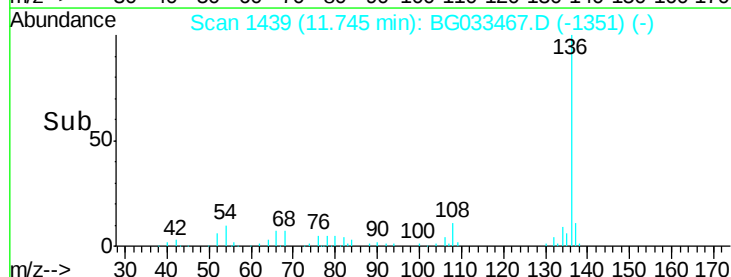
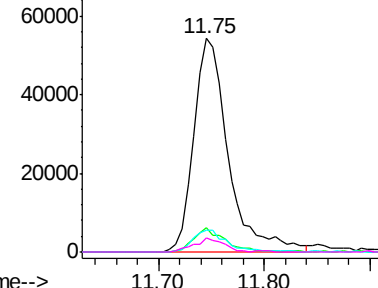
137 11.1 9.2 13.8

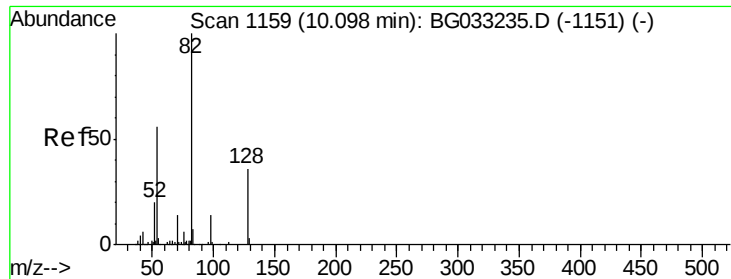
54 10.4 10.3 15.5

68 6.6 4.5 6.7



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: 104.013 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033467.D

Acq: 31 Mar 2018 3:02

Instrument :

BNA_G

ClientSampleId :

CB-0318-S-TCLP-64-1

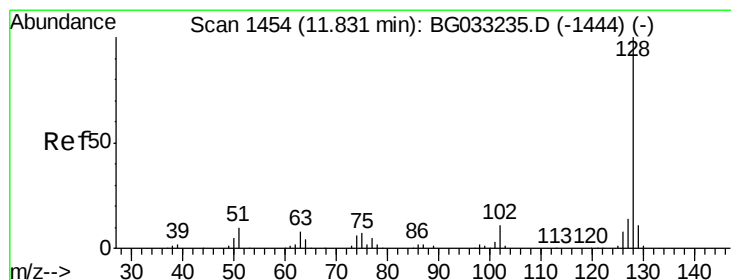
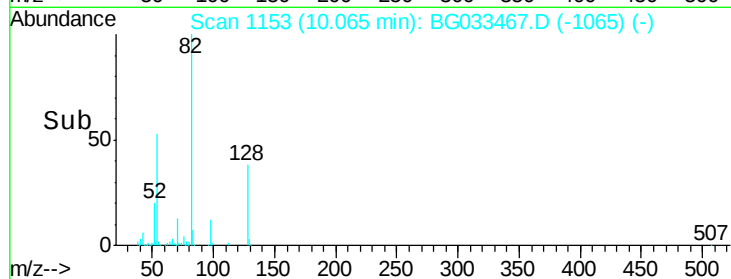
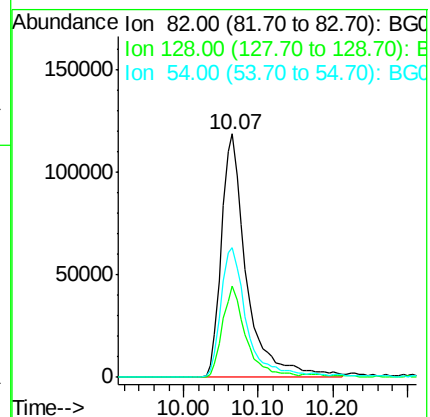
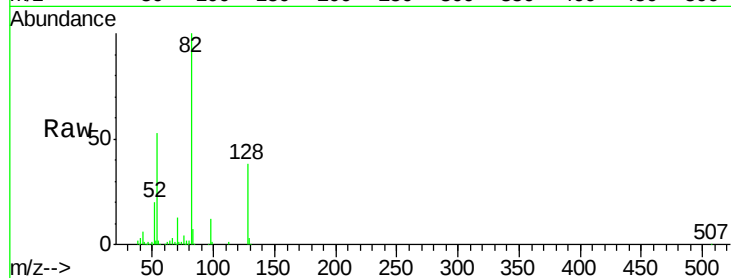
Tot Ion: 82 Resp: 277910

Ion Ratio Lower Upper

82 100

128 37.7 29.7 44.5

54 53.2 43.1 64.7



#31

Naphthalene

Concen: 2.414 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033467.D

Acq: 31 Mar 2018 3:02

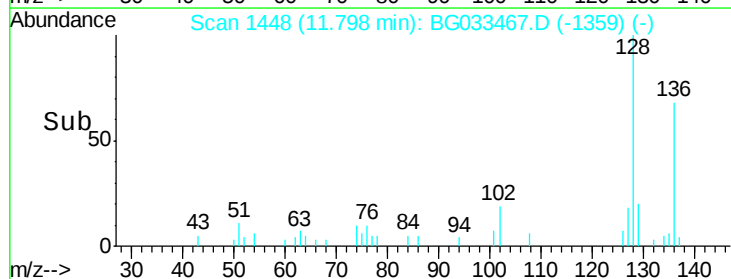
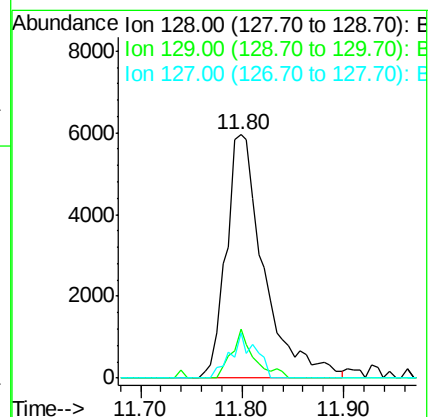
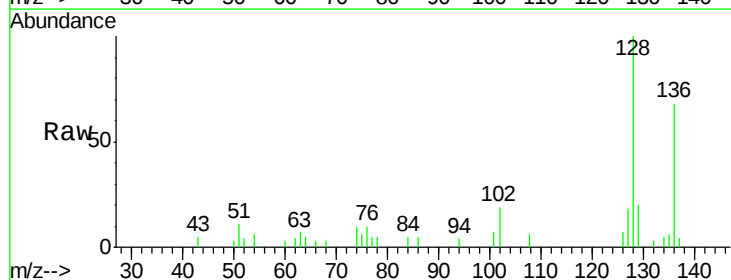
Tgt Ion: 128 Resp: 15357

Ion Ratio Lower Upper

128 100

129 20.0 8.6 12.8#

127 18.3 11.6 17.4#

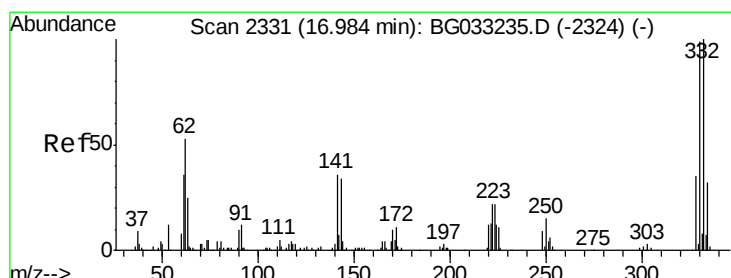
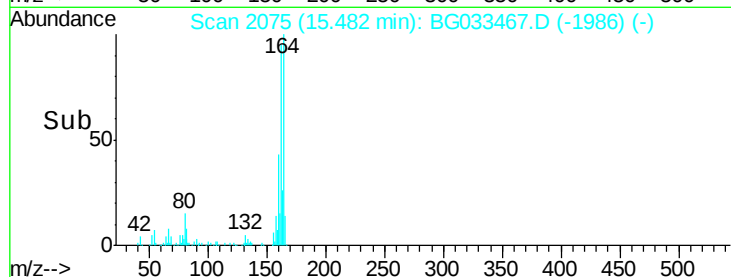
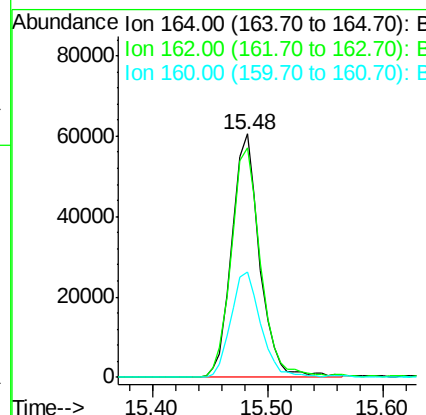
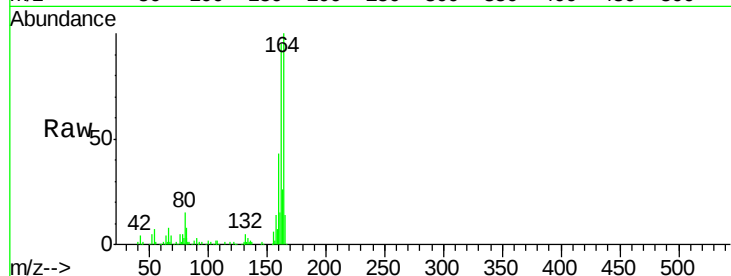




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

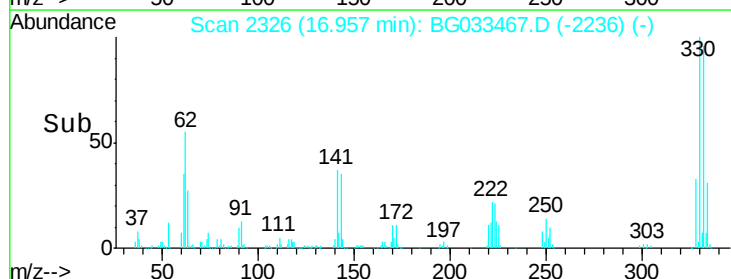
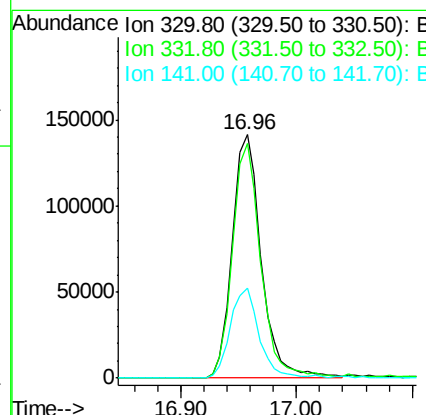
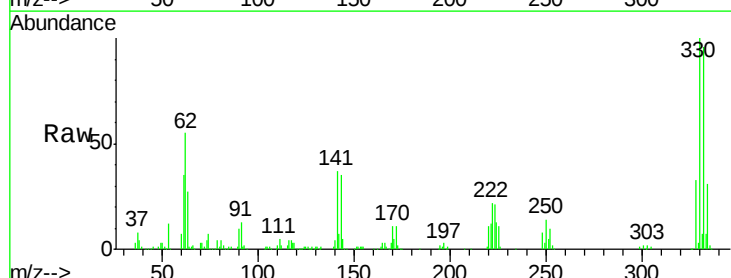
Instrument :
BNA_G
ClientSampleId :
CB-0318-S-TCLP-64-1

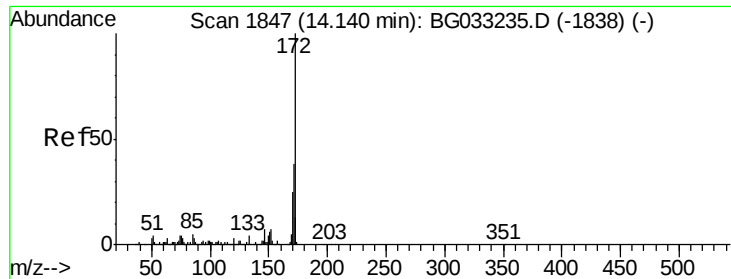
Tot Ion	164	Resp	101799
Ion	Ratio	Lower	Upper
164	100		
162	94.5	78.8	118.2
160	43.5	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 162.489 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Tgt Ion	330	Resp	247393
Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	36.9	25.2	37.8

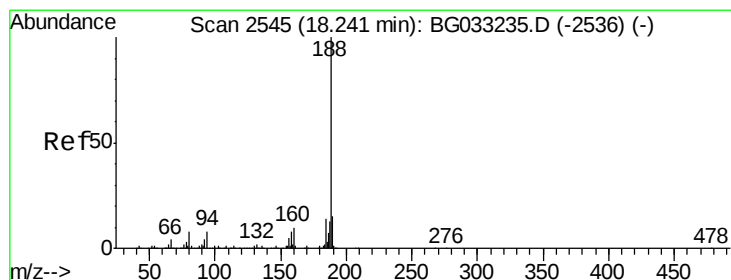
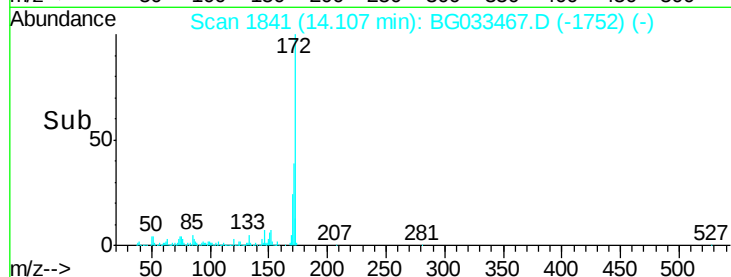
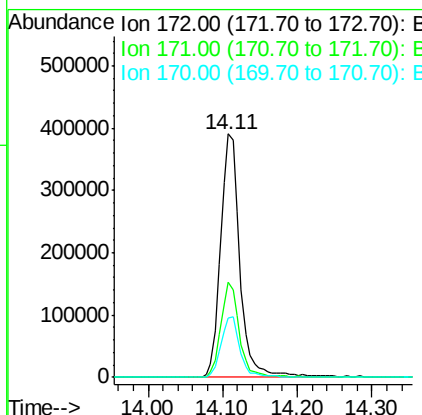
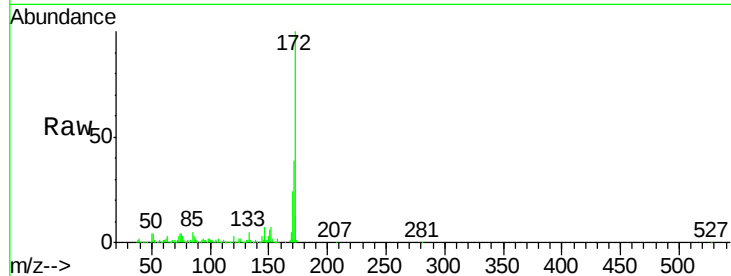




#44
 2-Fluorobiphenyl
 Concen: 100.004 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033467.D
 Acq: 31 Mar 2018 3:02

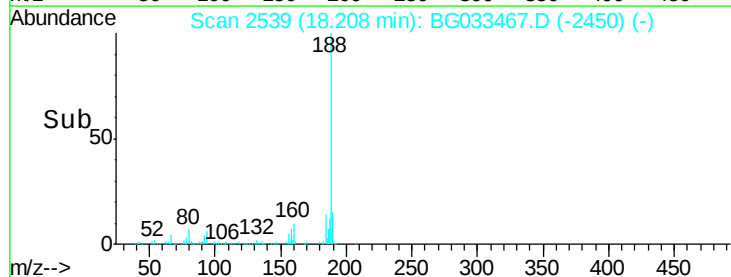
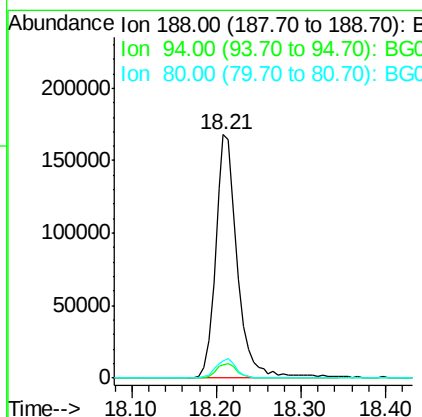
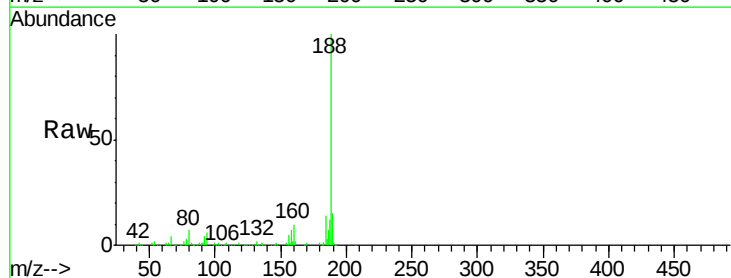
Instrument :
 BNA_G
 ClientSampleId :
 CB-0318-S-TCLP-64-1

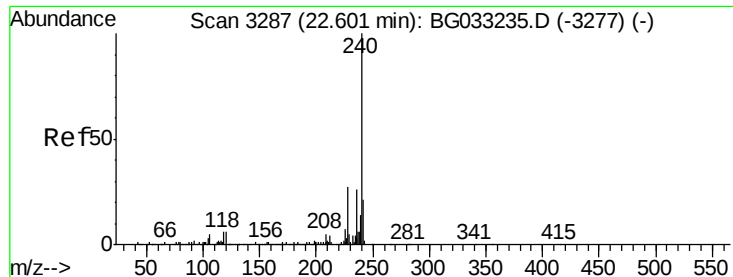
Tot Ion:172 Resp: 705186
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033467.D
 Acq: 31 Mar 2018 3:02

Tgt Ion:188 Resp: 302315
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 7.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033467.D

Acq: 31 Mar 2018 3:02

Instrument :

BNA_G

ClientSampleId :

CB-0318-S-TCLP-64-1

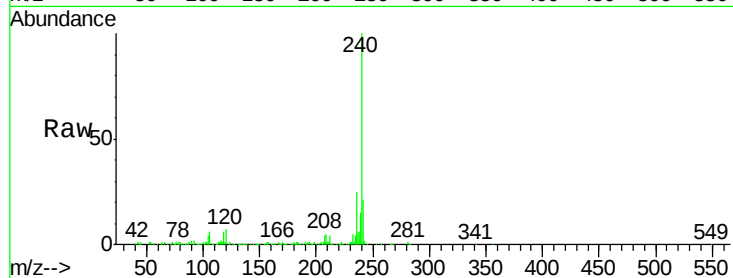
Tot Ion:240 Resp: 313497

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

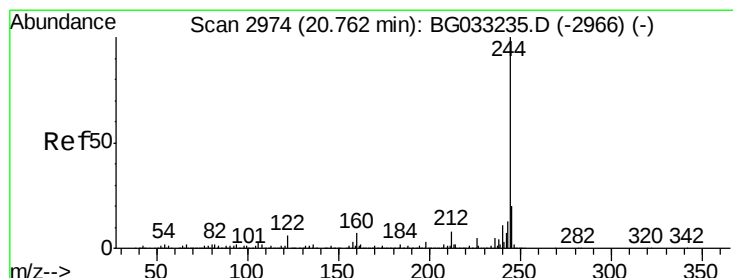
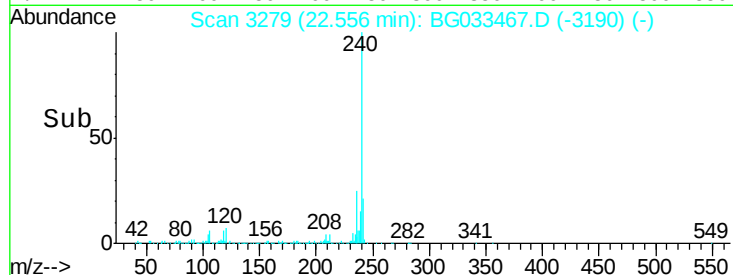
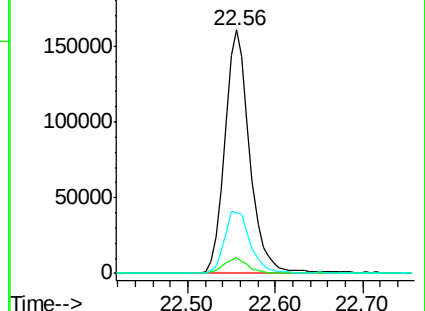
236 25.1 20.9 31.3



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: 103.485 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033467.D

Acq: 31 Mar 2018 3:02

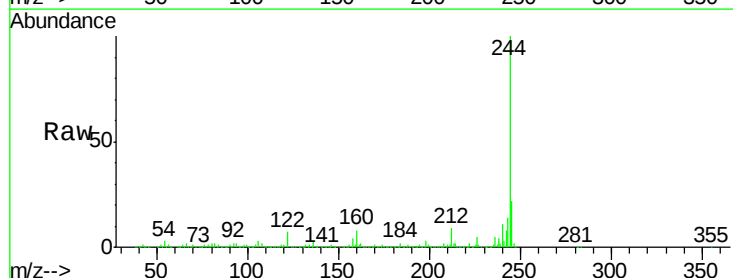
Tgt Ion:244 Resp: 1516986

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

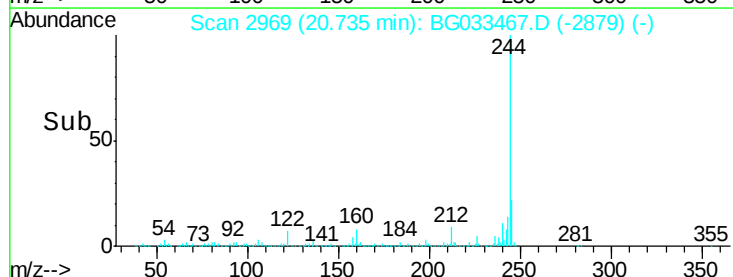
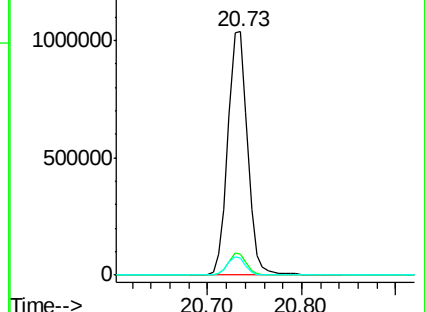
122 6.9 7.0 10.4#



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: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033467.D
Acq: 31 Mar 2018 3:02

Instrument :
BNA_G
ClientSampleId :
CB-0318-S-TCLP-64-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.1	17.7	26.5

