

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033560.D
 Acq On : 4 Apr 2018 15:12
 Operator : SJ/JU
 Sample : J2137-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 04 18:54:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

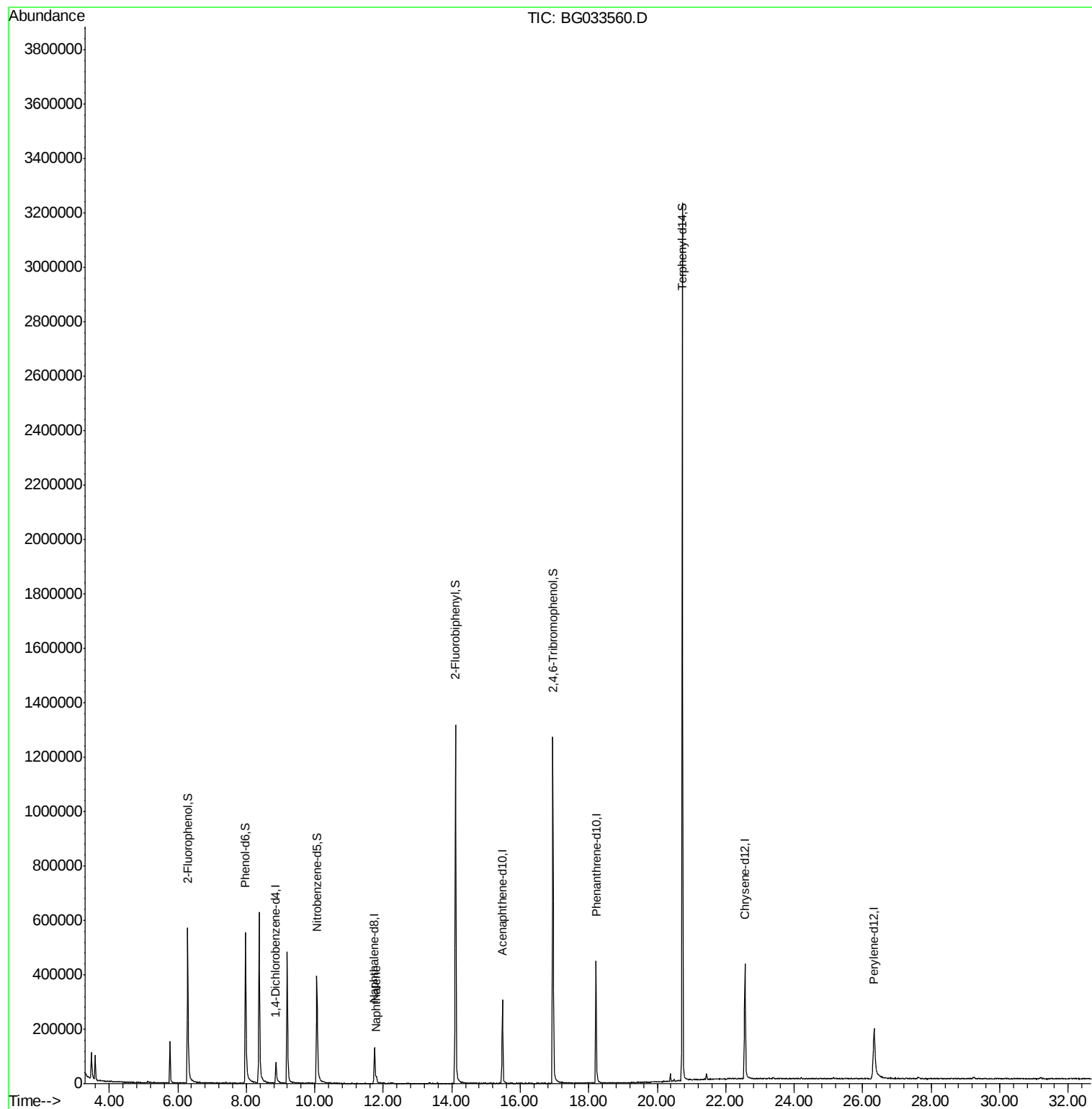
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30782	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	139893	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116848	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	315947	20.00	ng	0.00
75) Chrysene-d12	22.56	240	329830	20.00	ng	0.00
86) Perylene-d12	26.33	264	304523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	281320	171.37	ng	0.00
7) Phenol-d6	7.98	99	405580	143.79	ng	0.00
23) Nitrobenzene-d5	10.06	82	316418	103.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	254288	145.51	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	781714	96.58	ng	0.00
78) Terphenyl-d14	20.73	244	1602241	103.89	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	17663	2.437	ng	Qvalue 98

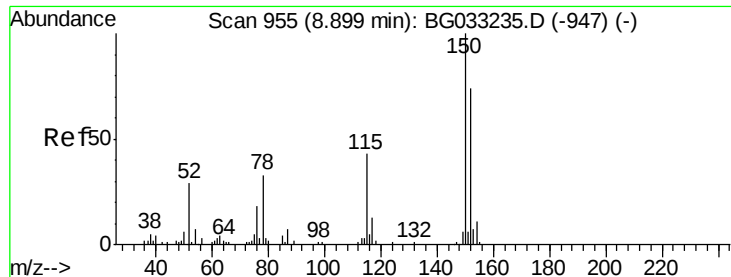
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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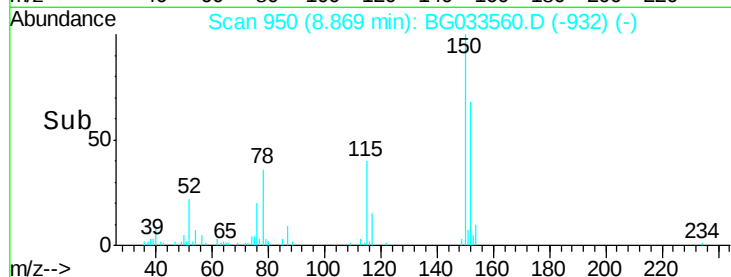
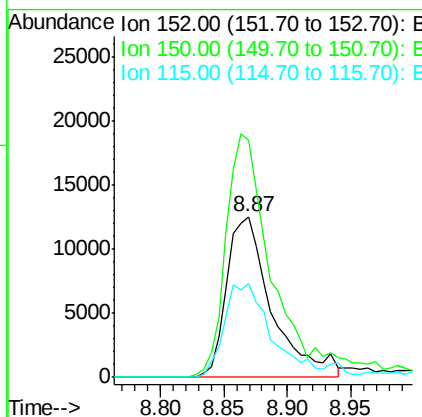
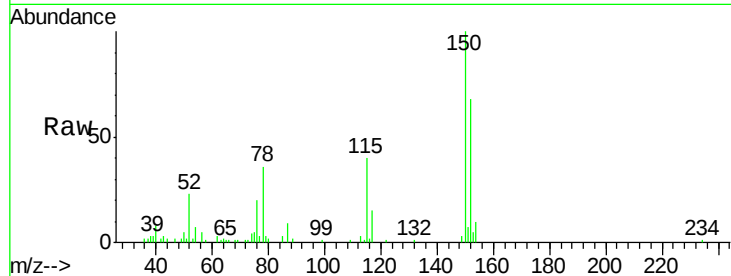


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

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

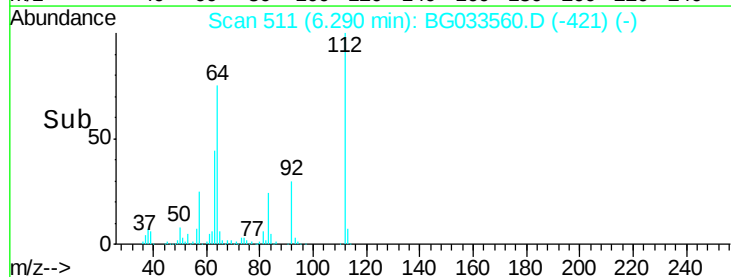
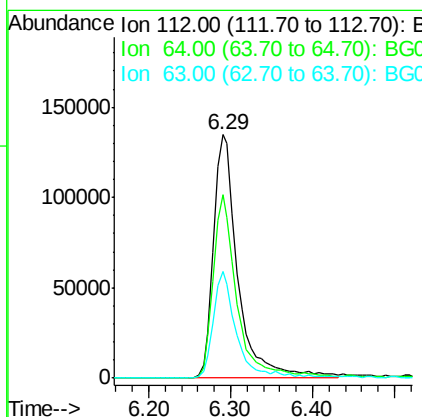
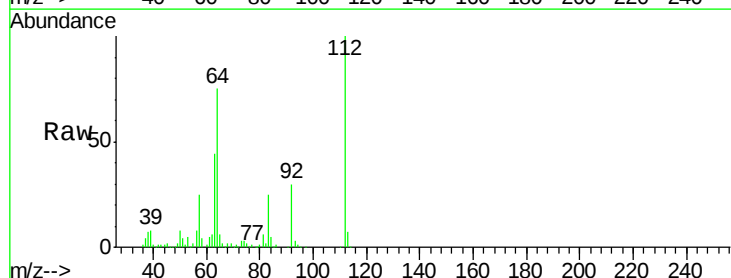
Tot Ion	152	Resp	30782
Ion Ratio	Lower	Upper	
152	100		
150	147.7	126.6	189.8
115	58.7	53.0	79.4

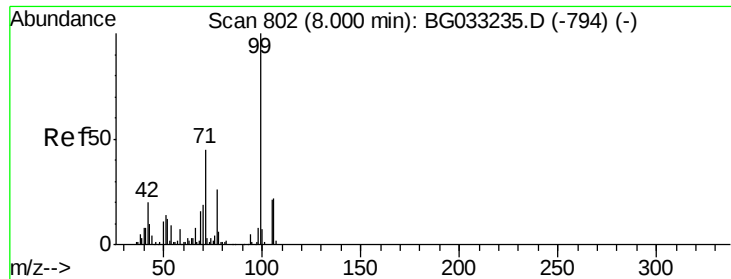


#5

2-Fluorophenol
 Concen: 171.369 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

Tgt Ion	112	Resp	281320
Ion Ratio	Lower	Upper	
112	100		
64	75.1	56.3	84.5
63	43.6	30.1	45.1





#7

Phenol-d6

Concen: 143.792 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

Instrument :

BNA_G

ClientSampleId :

CB-0318-S-TCLP-64-1

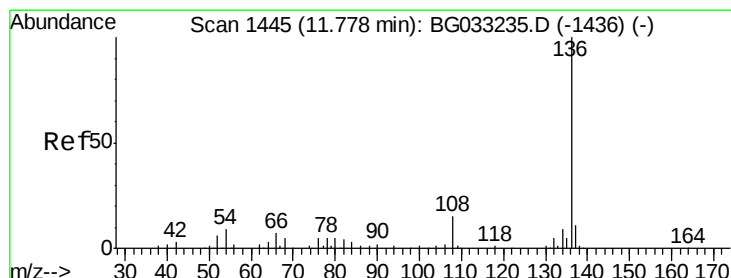
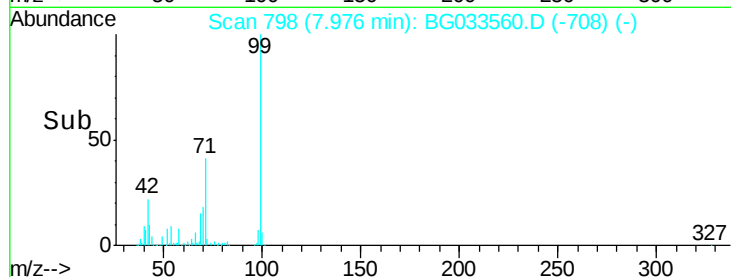
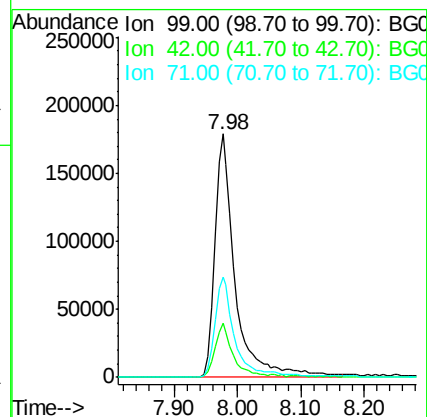
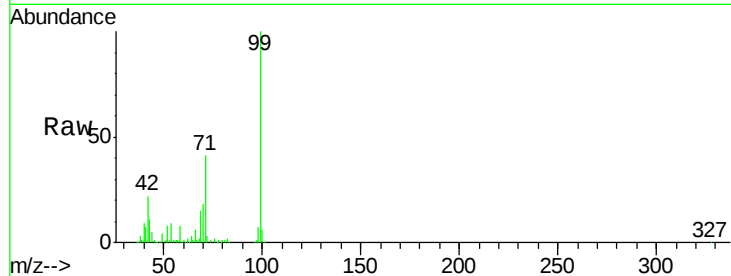
Tot Ion: 99 Resp: 405580

Ion Ratio Lower Upper

99 100

42 22.1 14.1 21.1#

71 41.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

Tgt Ion: 136 Resp: 139893

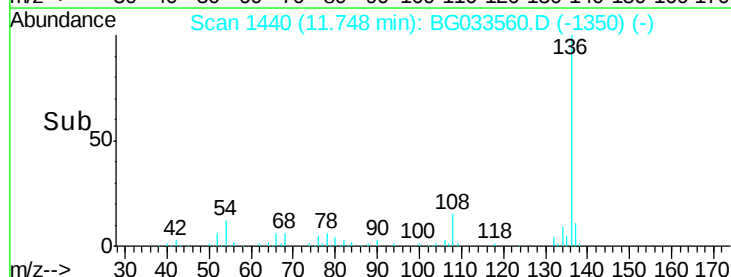
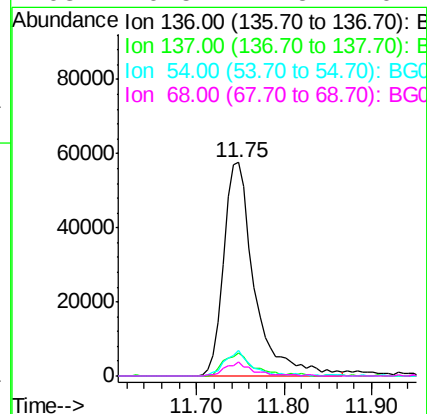
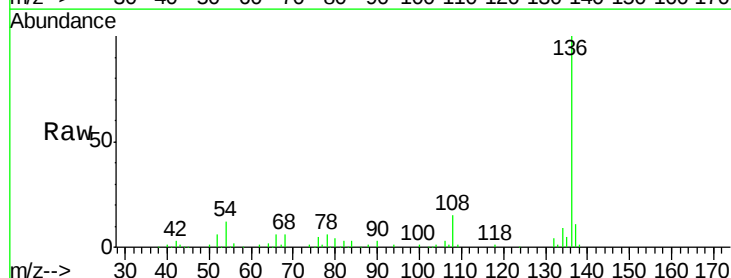
Ion Ratio Lower Upper

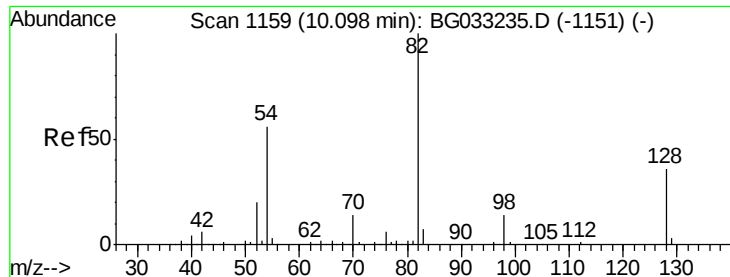
136 100

137 10.8 9.2 13.8

54 11.7 10.3 15.5

68 6.5 4.5 6.7

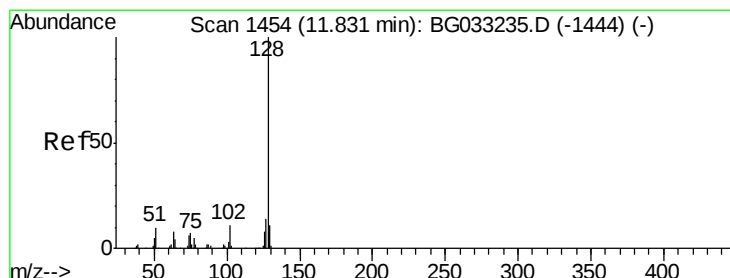
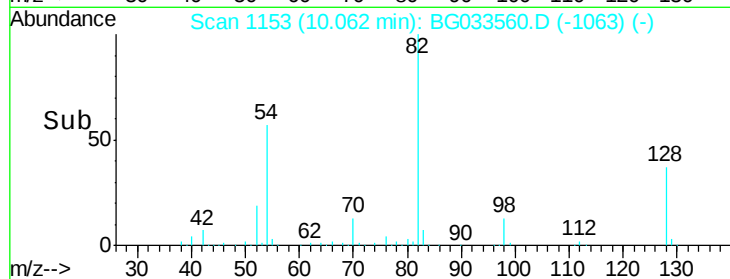
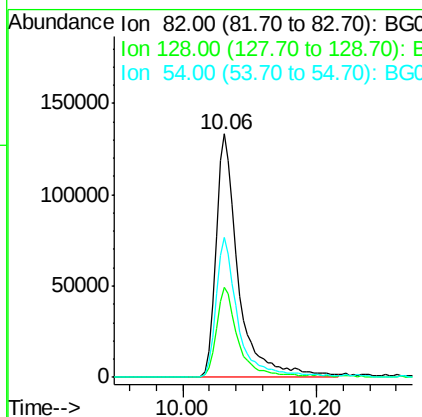
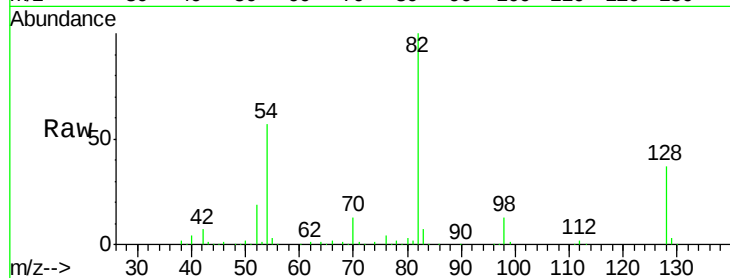




#23
 Nitrobenzene-d5
 Concen: 103.919 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

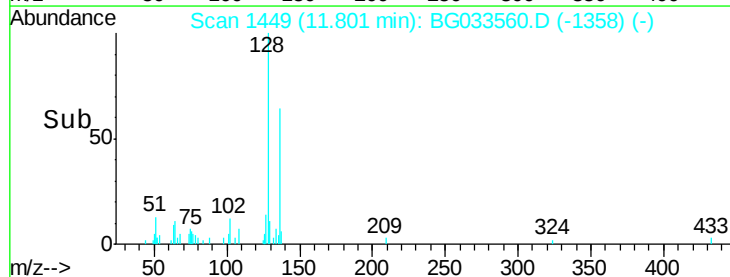
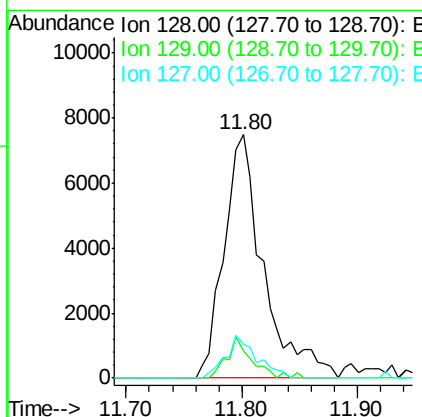
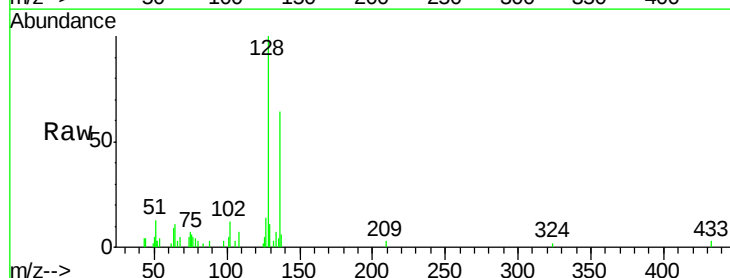
Instrument :
 BNA_G
 ClientSampleId :
 CB-0318-S-TCLP-64-1

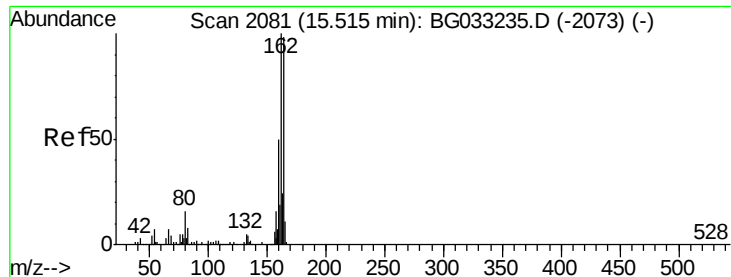
Tot Ion: 82 Resp: 316418
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 57.4 43.1 64.7



#31
 Naphthalene
 Concen: 2.437 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

Tgt Ion: 128 Resp: 17663
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 12.8
 127 13.7 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: BG033560.D

Acq: 4 Apr 2018 15:12

Instrument :

BNA_G

ClientSampleId :

CB-0318-S-TCLP-64-1

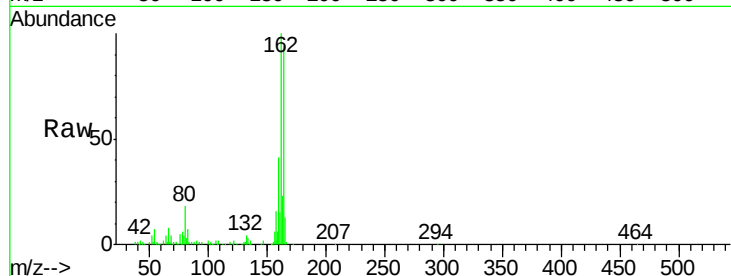
Tot Ion:164 Resp: 116848

Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

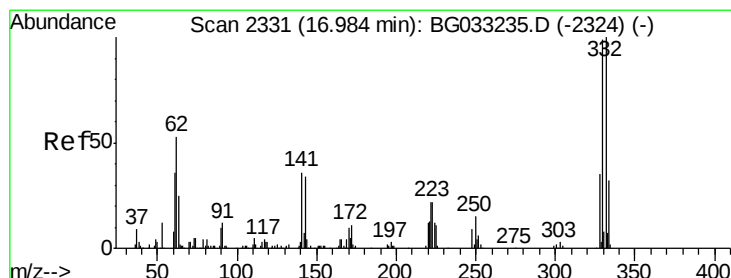
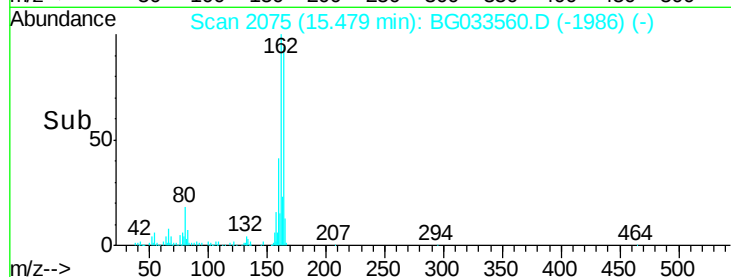
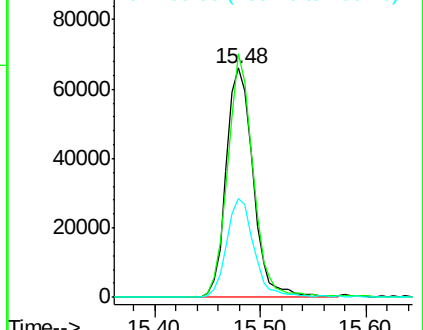
160 43.3 35.4 53.0



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: 145.507 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

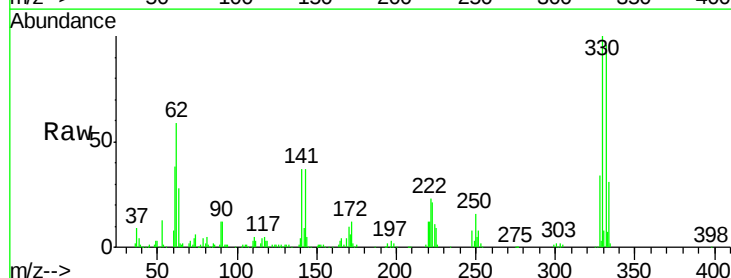
Tgt Ion:330 Resp: 254288

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

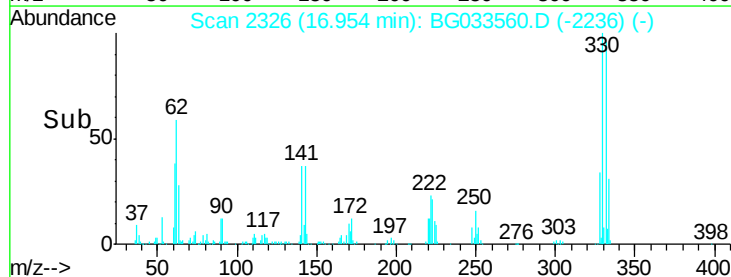
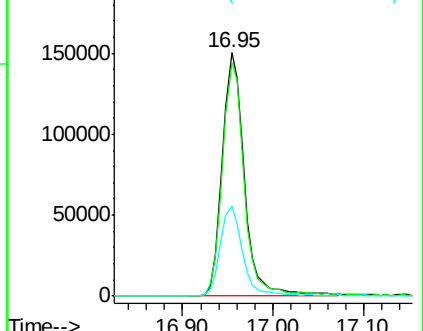
141 37.5 25.2 37.8



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

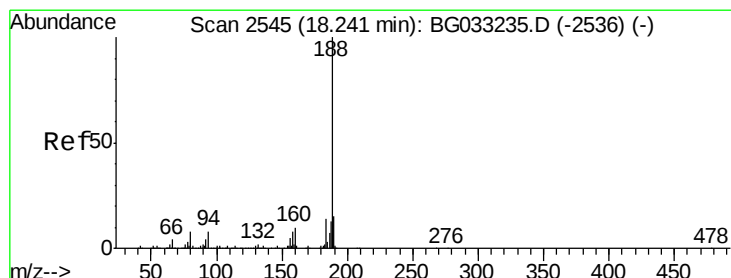
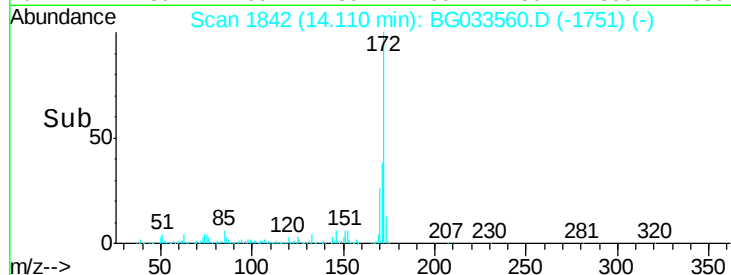
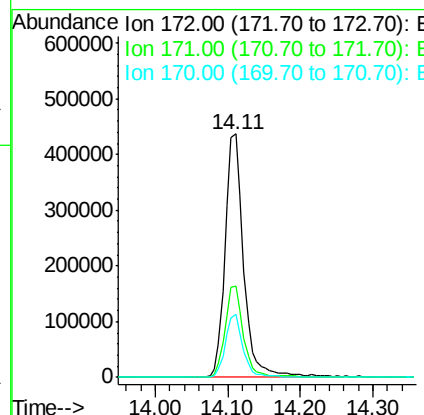
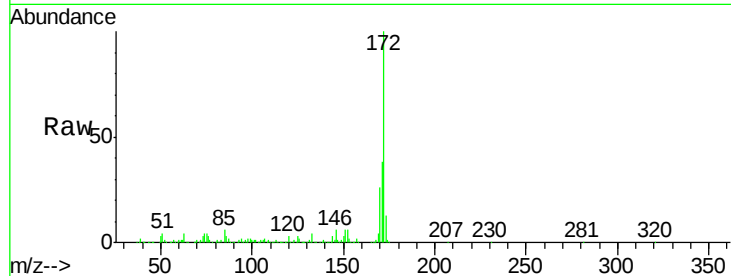




#44
2-Fluorobiphenyl
Concen: 96.579 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

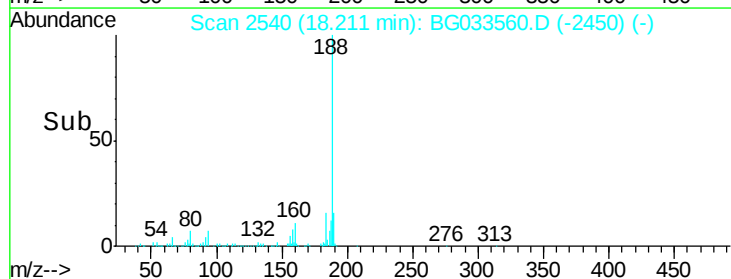
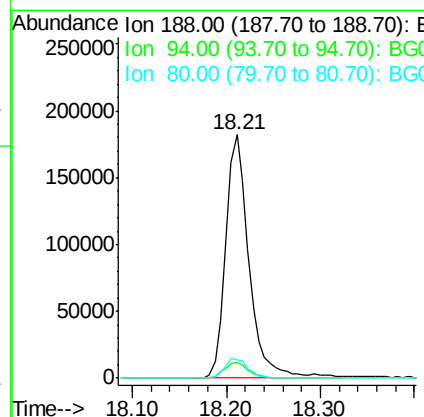
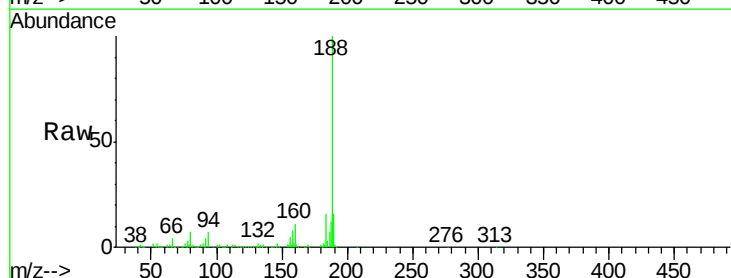
Instrument :
BNA_G
ClientSampleId :
CB-0318-S-TCLP-64-1

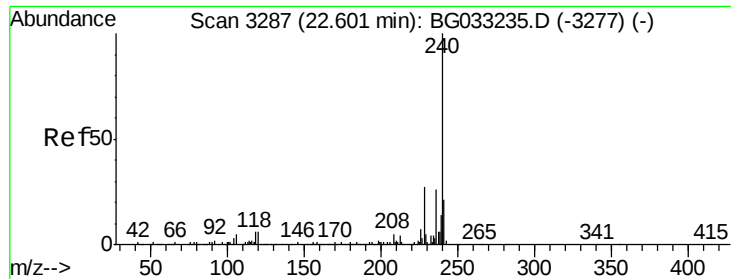
Tot Ion:172 Resp: 781714
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 26.0 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

Tgt Ion:188 Resp: 315947
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

Instrument :

BNA_G

ClientSampleId :

CB-0318-S-TCLP-64-1

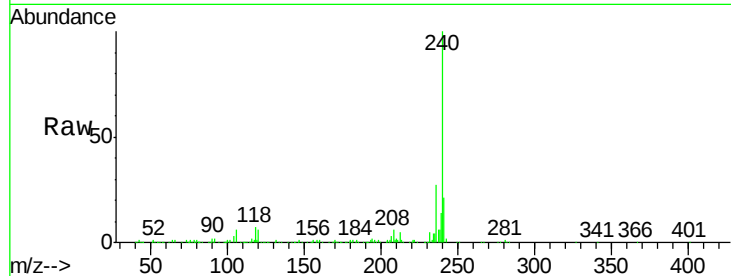
Tot Ion:240 Resp: 329830

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

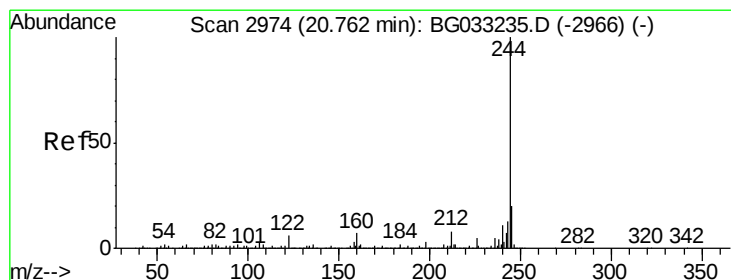
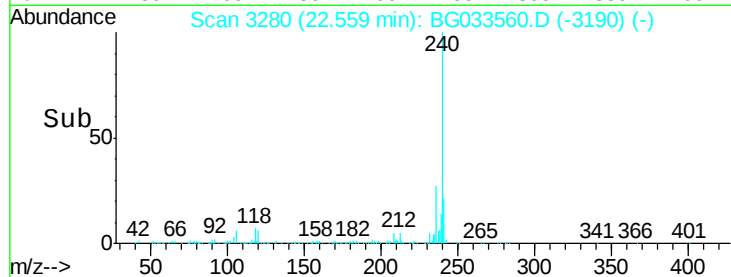
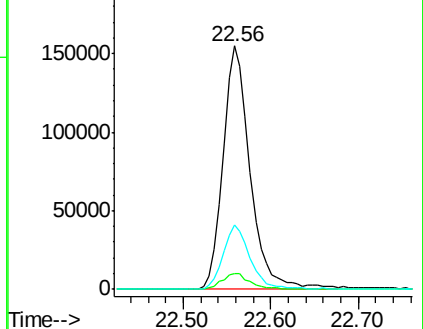
236 26.7 20.9 31.3



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: 103.889 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

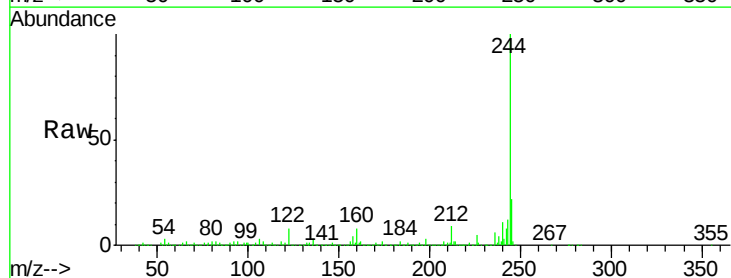
Tgt Ion:244 Resp: 1602241

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

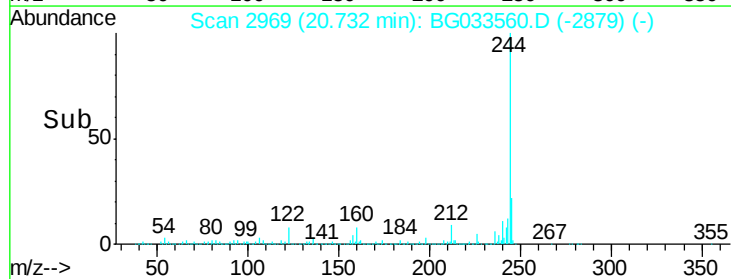
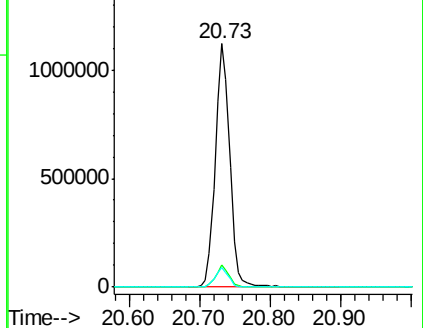
122 8.0 7.0 10.4



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: 26.33 min Scan# 3921
Delta R.T. 0.00 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.0	17.7	26.5

