

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033434.D
 Acq On : 29 Mar 2018 23:58
 Operator : SJ/JU
 Sample : J2088-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 30 08:10:58 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

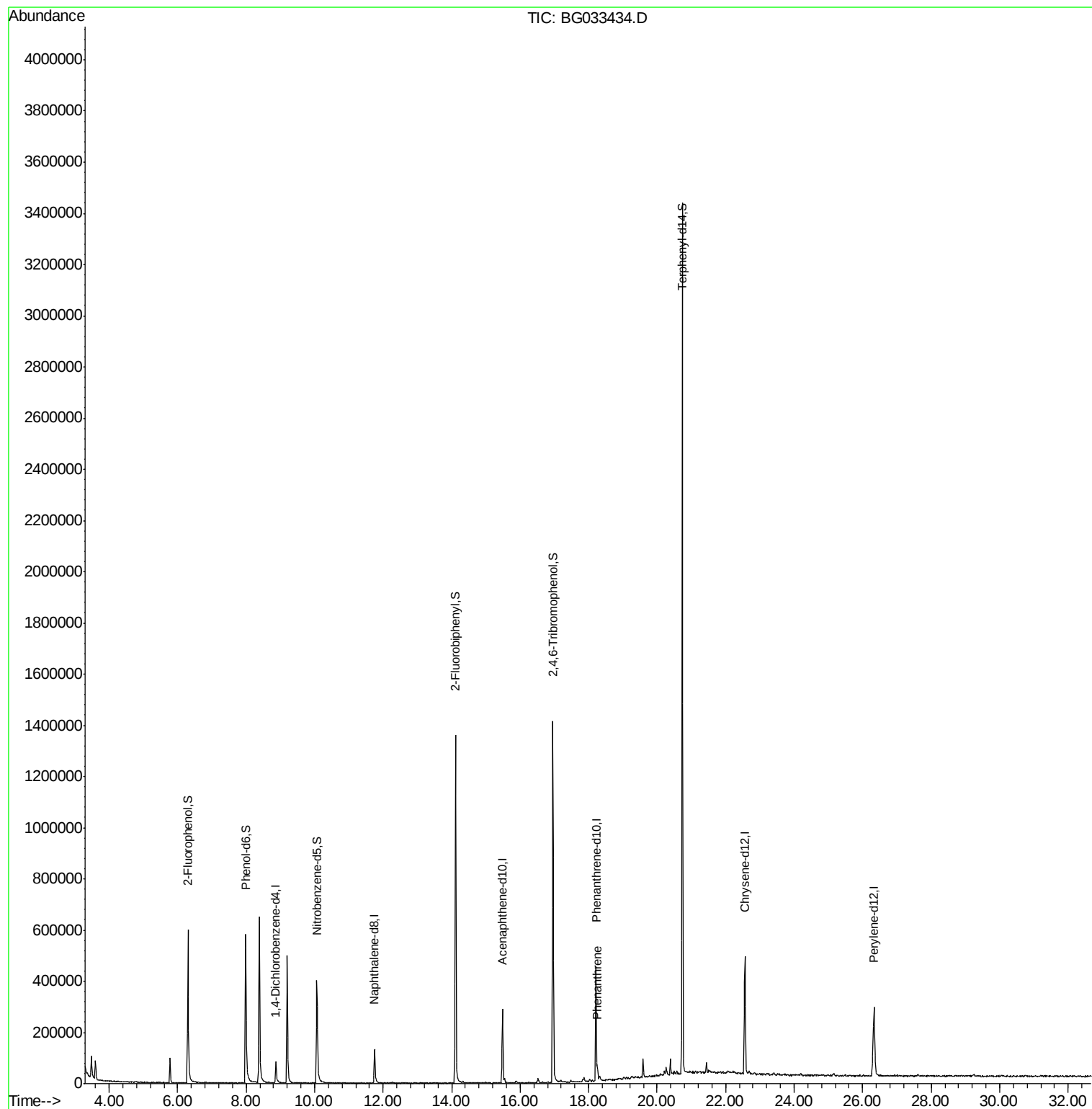
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30323	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	134627	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	108205	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322662	20.00	ng	0.00
75) Chrysene-d12	22.56	240	343640	20.00	ng	0.00
86) Perylene-d12	26.33	264	371354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	294358	182.03	ng	0.00
7) Phenol-d6	7.98	99	408104	146.88	ng	0.00
23) Nitrobenzene-d5	10.06	82	312564	106.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	297971	184.12	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	781593	104.28	ng	0.00
78) Terphenyl-d14	20.73	244	1688456	105.08	ng	0.00
Target Compounds						
70) Phenanthrene	18.26	178	39219	2.334	ng	Qvalue 96

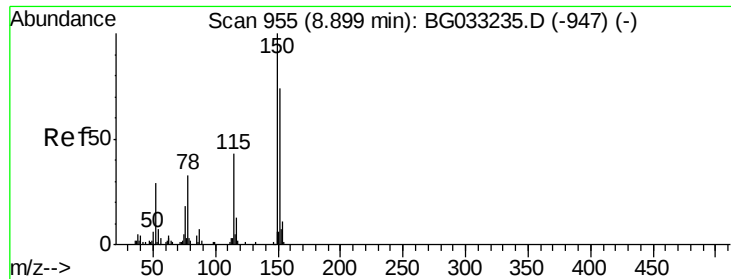
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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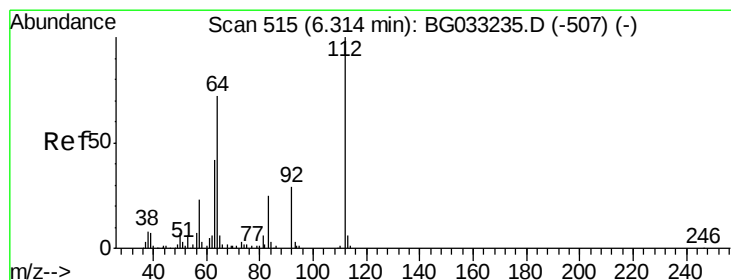
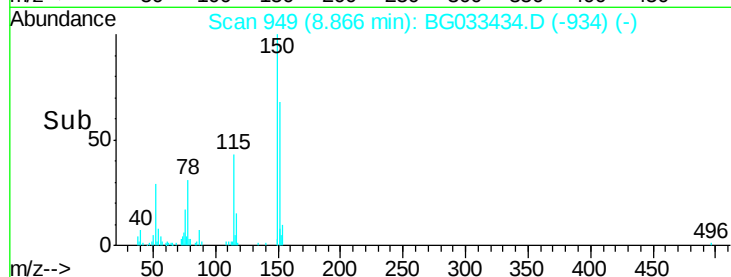
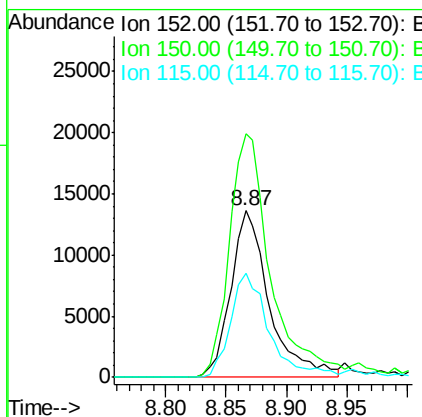
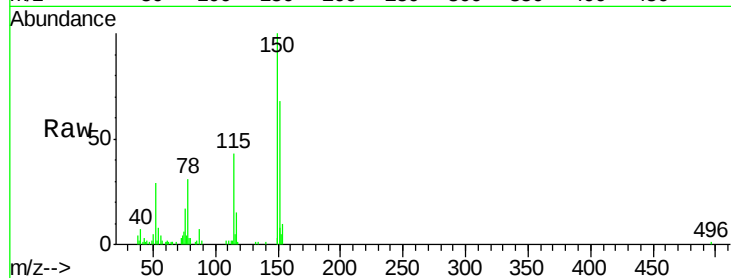


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033434.D
Acq: 29 Mar 2018 23:58

Instrument :
BNA_G
ClientSampleId :
TP-2

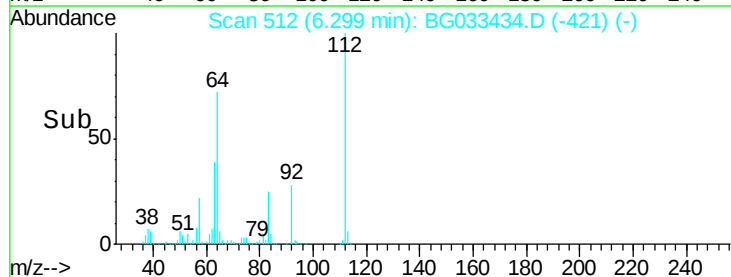
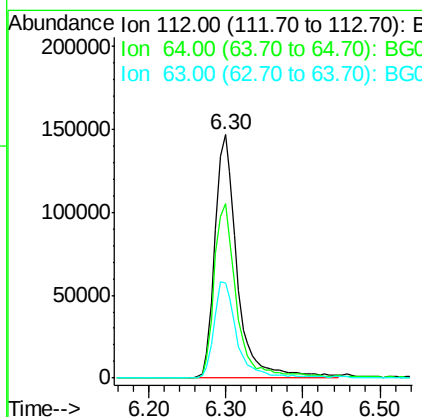
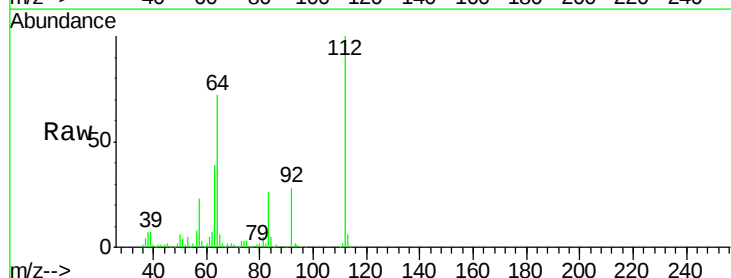
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	62.3	53.0	79.4

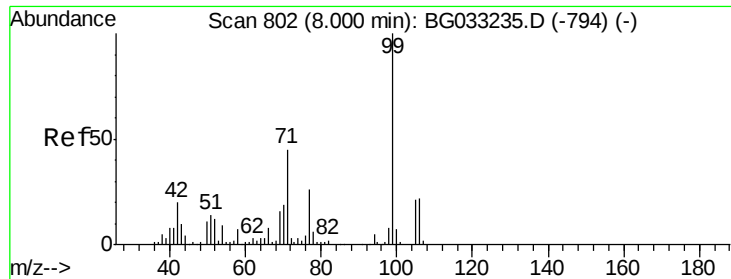


#5

2-Fluorophenol
Concen: 182.026 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033434.D
Acq: 29 Mar 2018 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.3	84.5
63	39.0	30.1	45.1





#7

Phenol-d6

Concen: 146.877 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033434.D

Acq: 29 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

TP-2

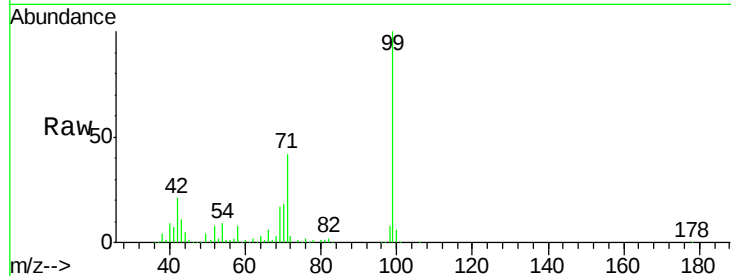
Tot Ion: 99 Resp: 408104

Ion Ratio Lower Upper

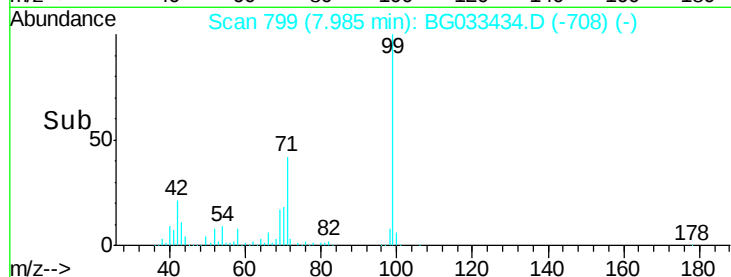
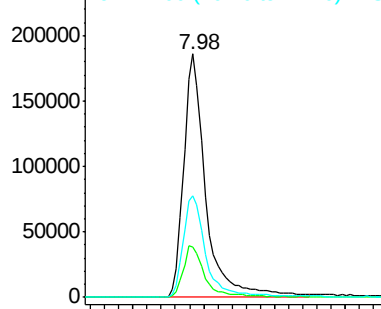
99 100

42 20.6 14.1 21.1

71 41.7 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# 1440

Delta R.T. -0.01 min

Lab File: BG033434.D

Acq: 29 Mar 2018 23:58

Tgt Ion: 136 Resp: 134627

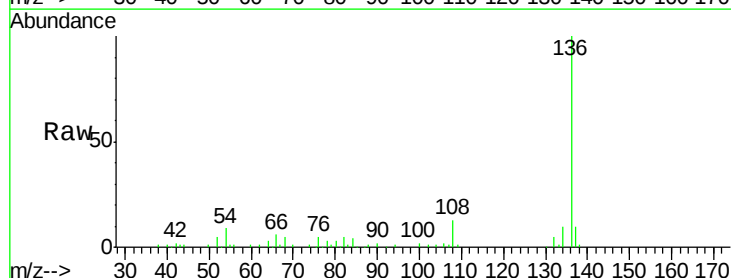
Ion Ratio Lower Upper

136 100

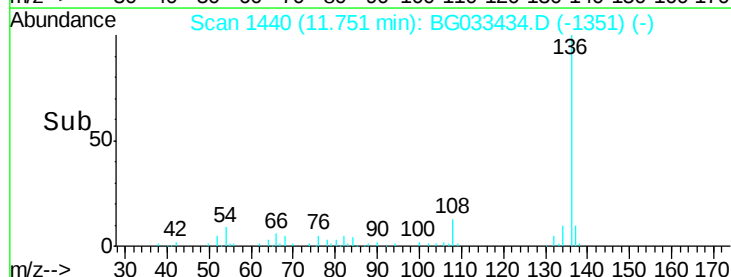
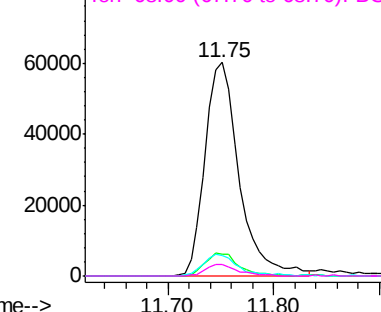
137 10.4 9.2 13.8

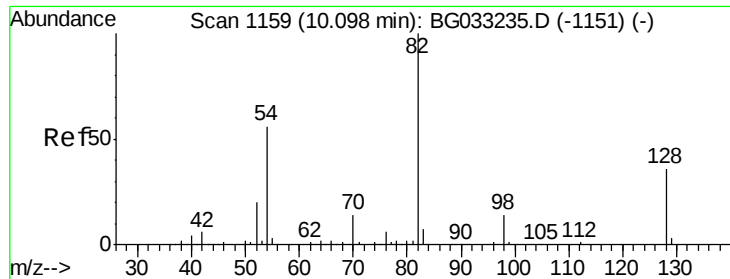
54 9.3 10.3 15.5#

68 5.5 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

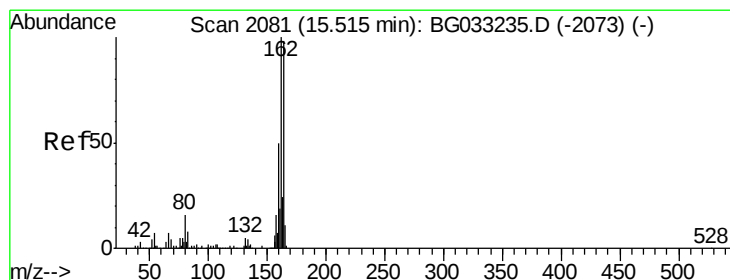
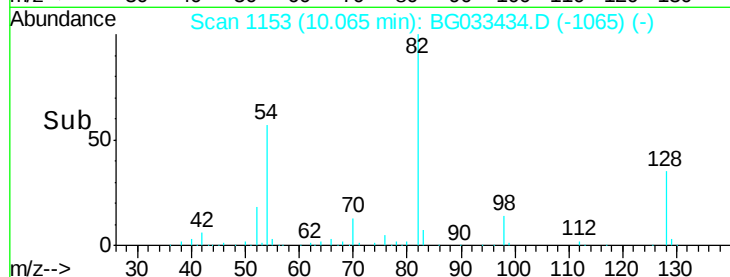
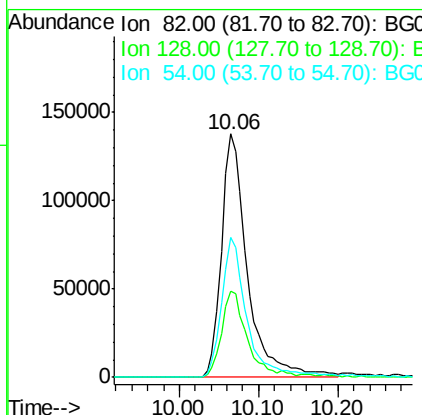
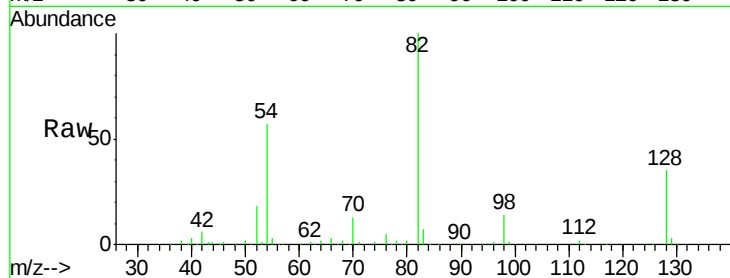




#23
 Nitrobenzene-d5
 Concen: 106.669 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033434.D
 Acq: 29 Mar 2018 23:58

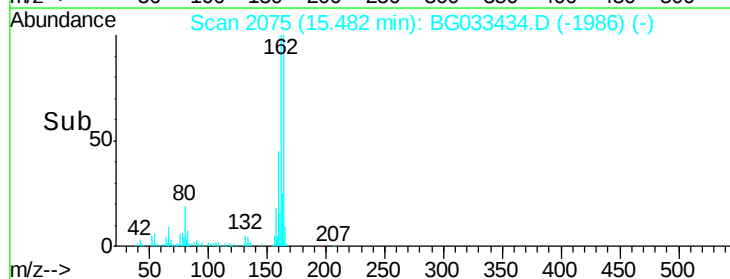
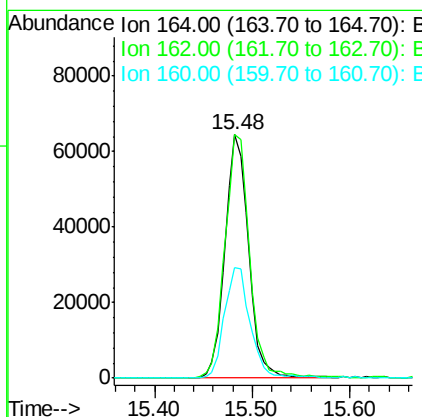
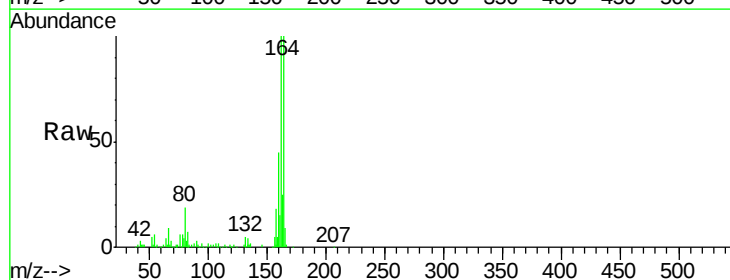
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

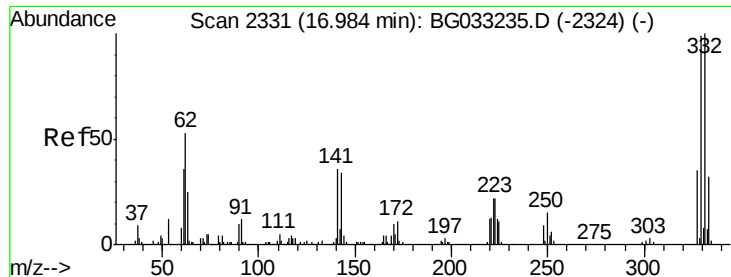
Tot Ion	82	Resp	312564
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	57.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033434.D
 Acq: 29 Mar 2018 23:58

Tgt Ion	164	Resp	108205
Ion Ratio	Lower	Upper	
164	100		
162	100.1	78.8	118.2
160	45.4	35.4	53.0

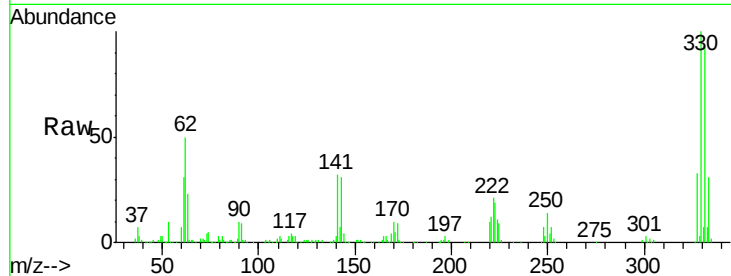




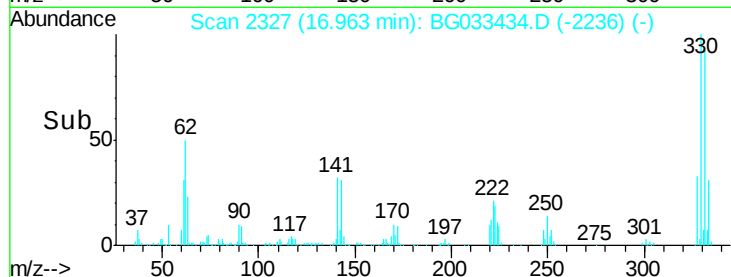
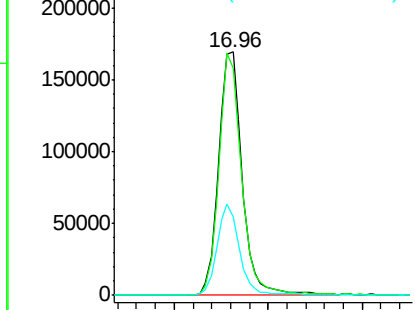
#41
 2,4,6-Tribromophenol
 Concen: 184.122 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033434.D
 Acq: 29 Mar 2018 23:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 297971
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 35.6 25.2 37.8

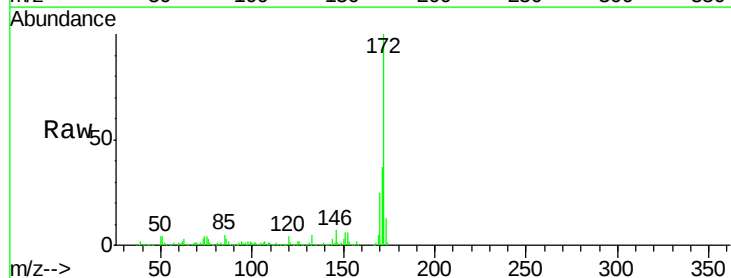


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

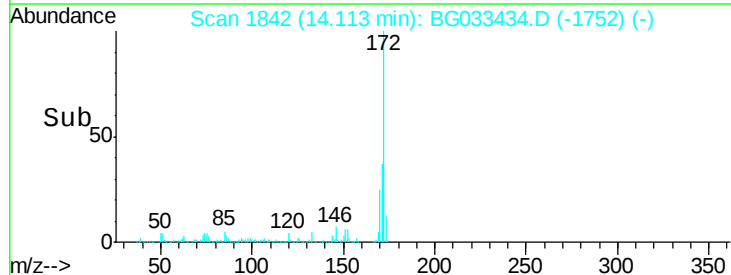
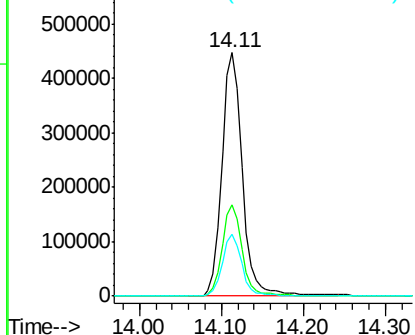


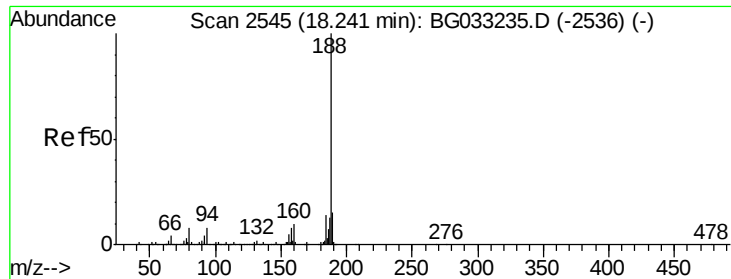
#44
 2-Fluorobiphenyl
 Concen: 104.278 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033434.D
 Acq: 29 Mar 2018 23:58

Tgt Ion:172 Resp: 781593
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.3 19.5 29.3



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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033434.D

Acq: 29 Mar 2018 23:58

Instrument :

BNA_G

ClientSampleId :

TP-2

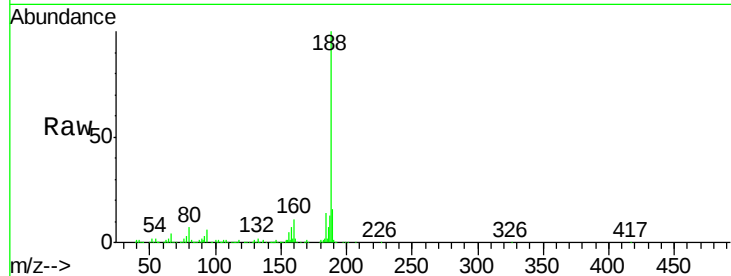
Tot Ion:188 Resp: 322662

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

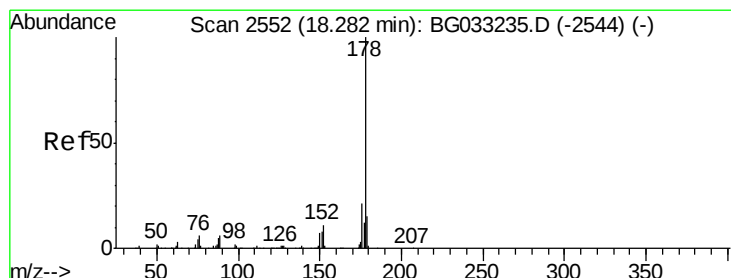
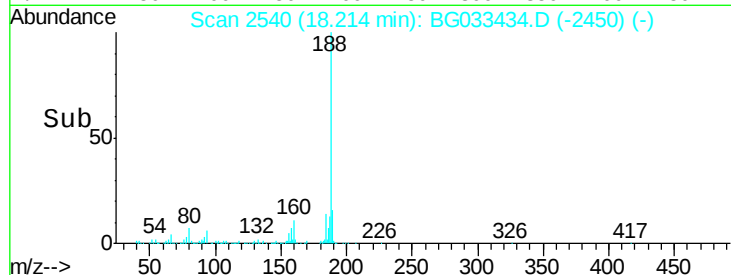
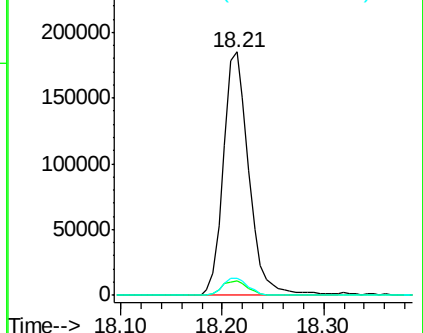
80 7.1 7.7 11.5#



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



#70

Phenanthrene

Concen: 2.334 ng

RT: 18.26 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033434.D

Acq: 29 Mar 2018 23:58

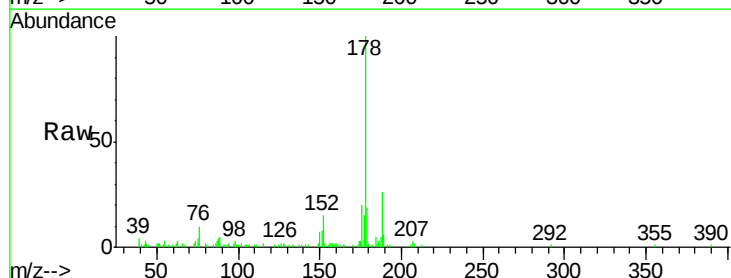
Tgt Ion:178 Resp: 39219

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

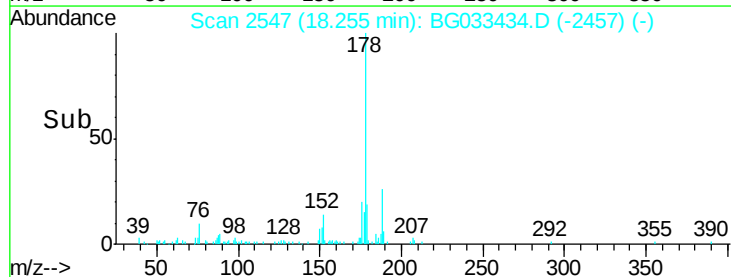
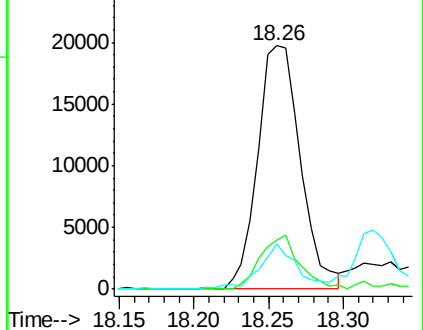
179 18.5 12.5 18.7

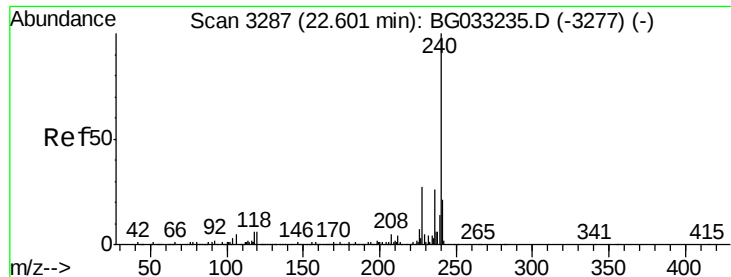


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033434.D

Acq: 29 Mar 2018 23:58

Instrument :

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ClientSampleId :

TP-2

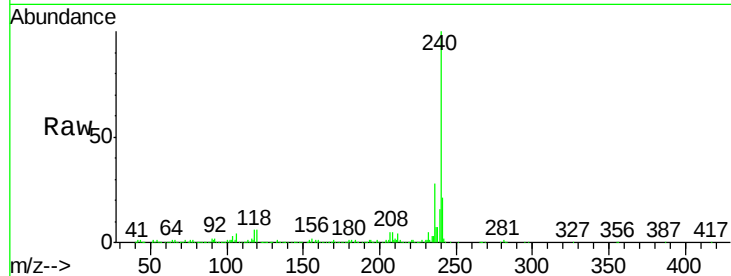
Tot Ion:240 Resp: 343640

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

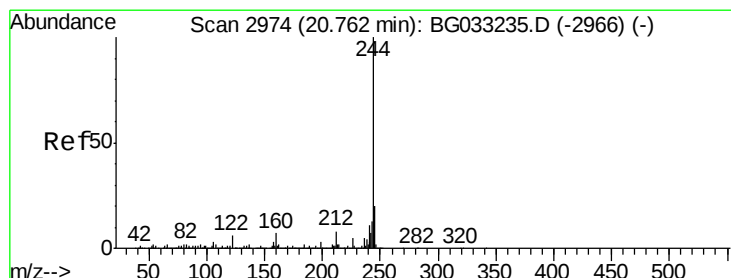
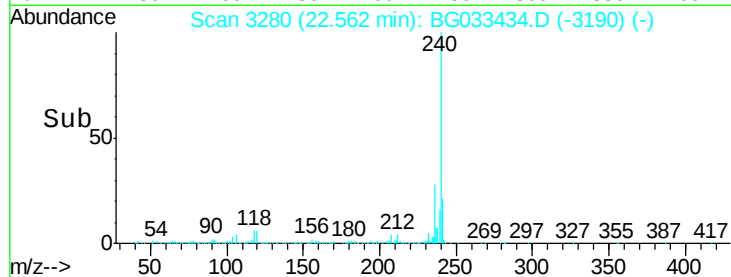
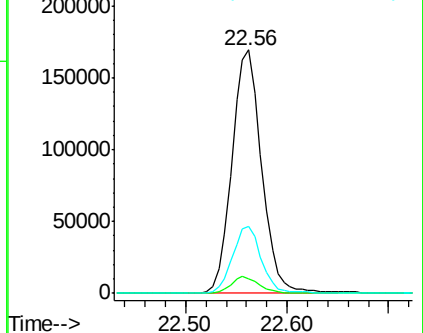
236 27.6 20.9 31.3



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: 105.079 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033434.D

Acq: 29 Mar 2018 23:58

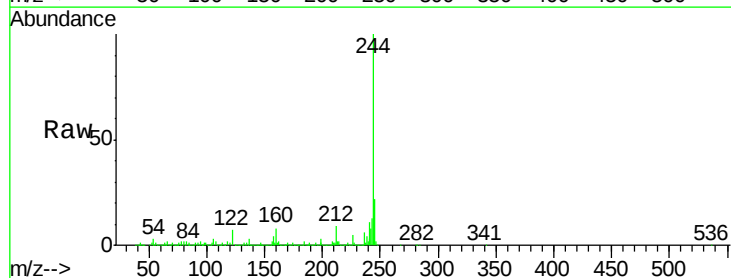
Tgt Ion:244 Resp: 1688456

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

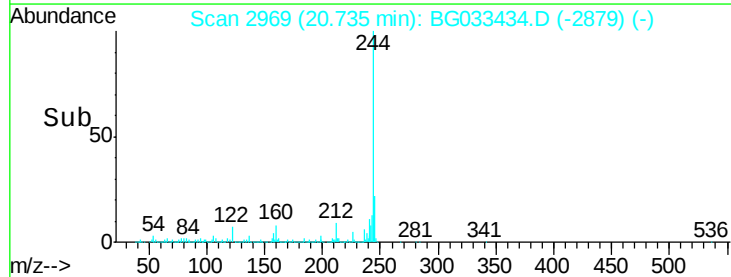
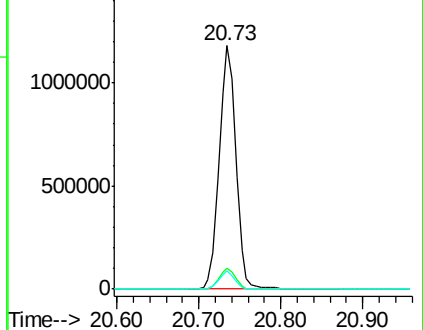
122 7.4 7.0 10.4



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. -0.01 min
Lab File: BG033434.D
Acq: 29 Mar 2018 23:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	19.9	17.7	26.5

