

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033435.D
 Acq On : 30 Mar 2018 00:36
 Operator : SJ/JU
 Sample : J2088-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 30 08:12:15 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

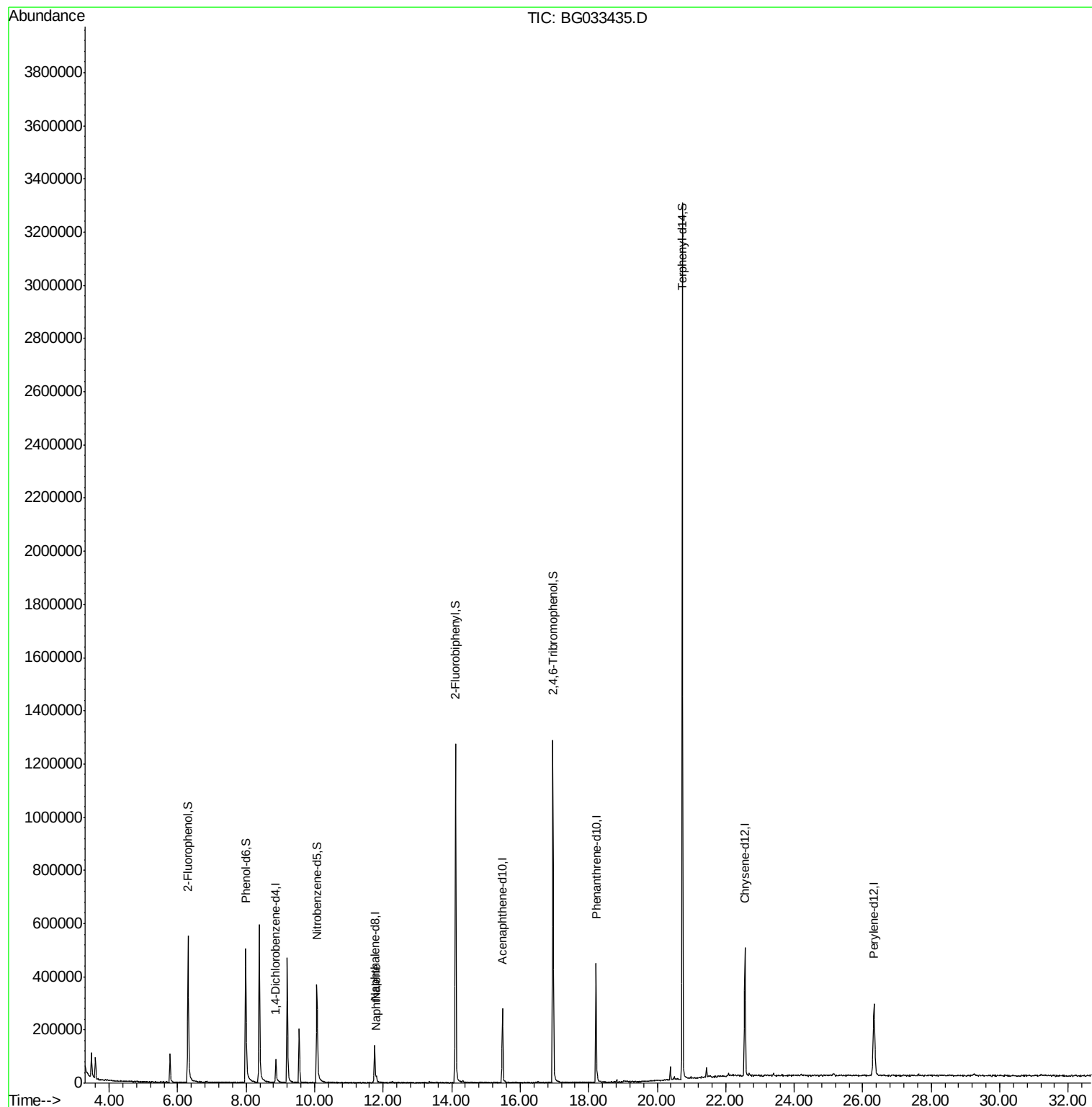
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31926	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	132542	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	111463	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316397	20.00	ng	0.00
75) Chrysene-d12	22.56	240	343499	20.00	ng	0.00
86) Perylene-d12	26.33	264	372271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	263403	154.71	ng	0.01
7) Phenol-d6	7.98	99	365908	125.08	ng	0.00
23) Nitrobenzene-d5	10.06	82	300657	104.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	268462	161.04	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	722685	93.60	ng	0.00
78) Terphenyl-d14	20.73	244	1593557	99.21	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	18944	2.758	ng	Qvalue # 94

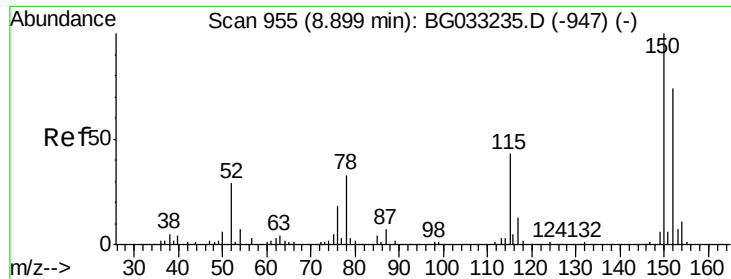
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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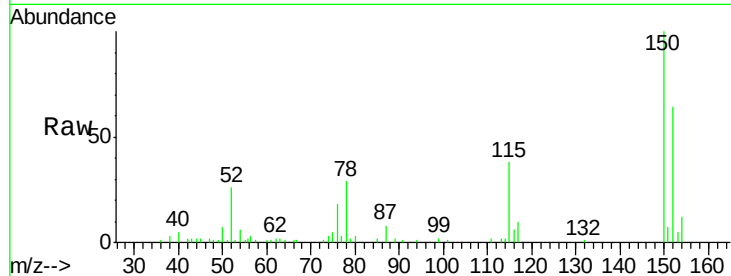


#1

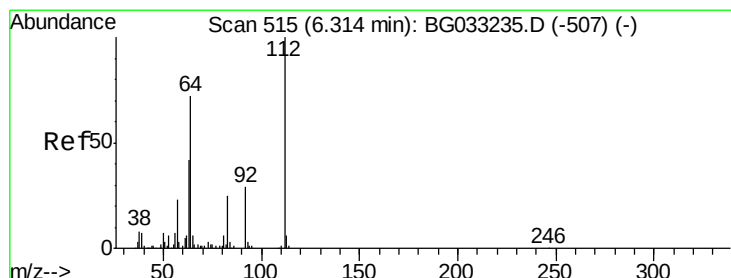
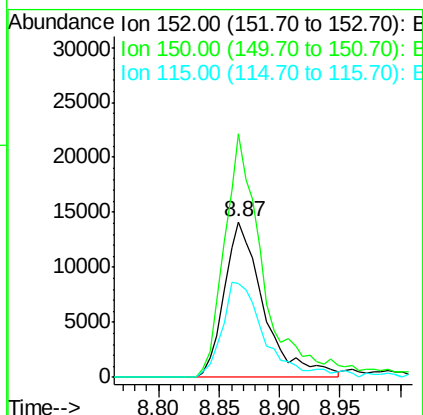
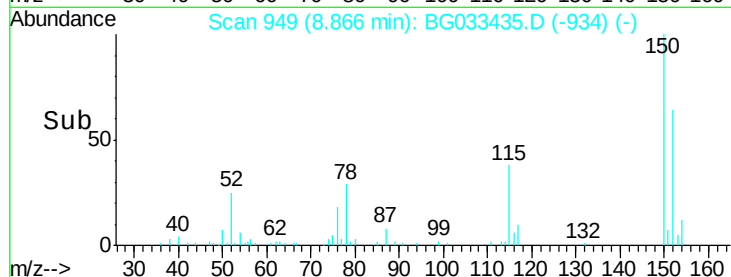
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033435.D
Acq: 30 Mar 2018 00:36

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 31926
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 60.1 53.0 79.4



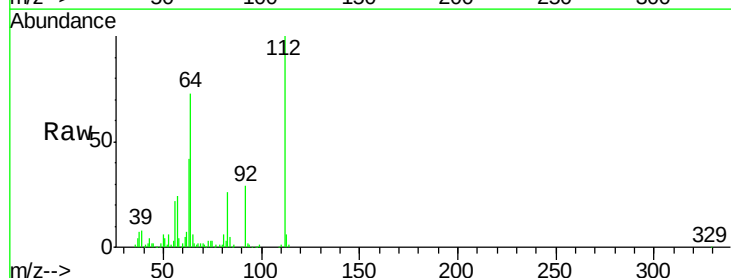
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



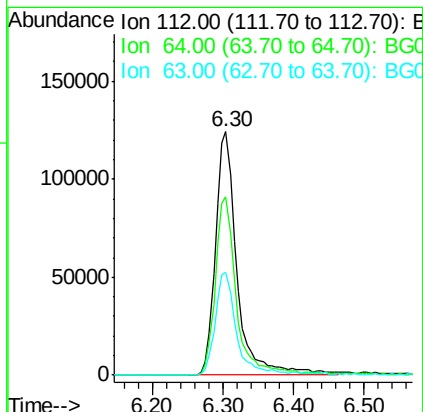
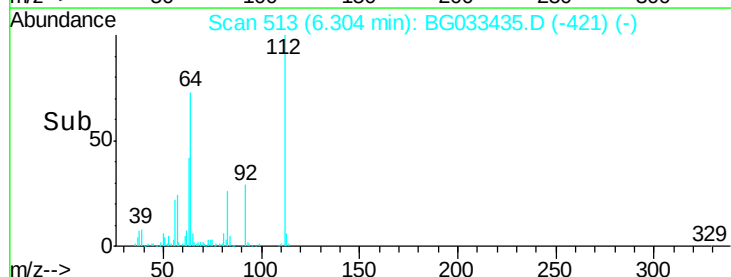
#5

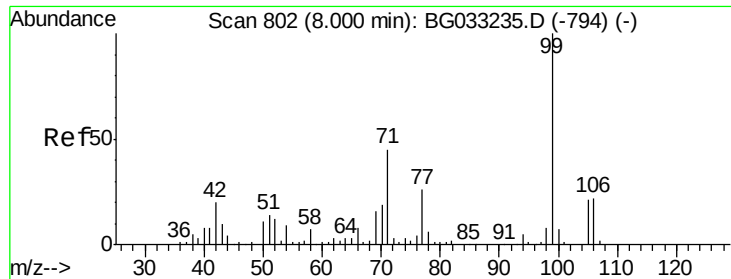
2-Fluorophenol
Concen: 154.705 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033435.D
Acq: 30 Mar 2018 00:36

Tgt Ion:112 Resp: 263403
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 42.2 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: 125.078 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033435.D

Acq: 30 Mar 2018 00:36

Instrument :

BNA_G

ClientSampleId :

TP-1

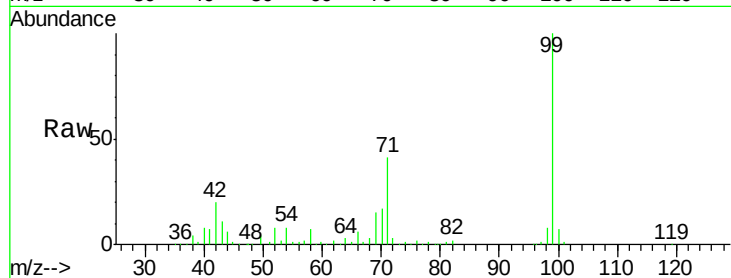
Tot Ion: 99 Resp: 365908

Ion Ratio Lower Upper

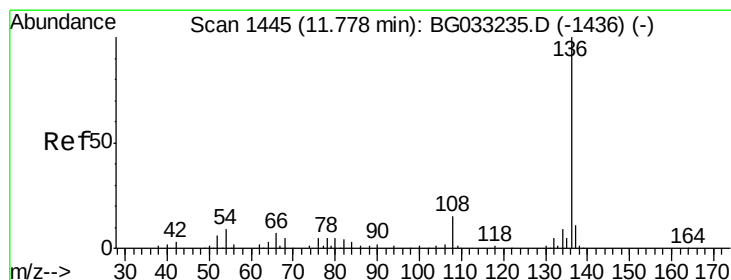
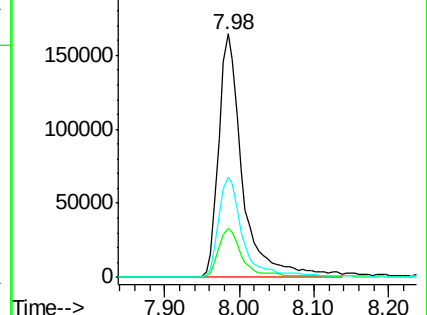
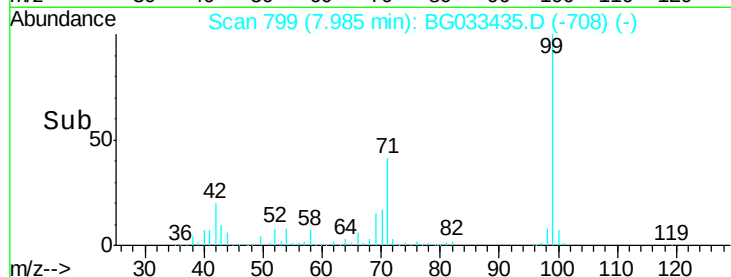
99 100

42 20.2 14.1 21.1

71 41.3 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: BG033435.D

Acq: 30 Mar 2018 00:36

Tgt Ion: 136 Resp: 132542

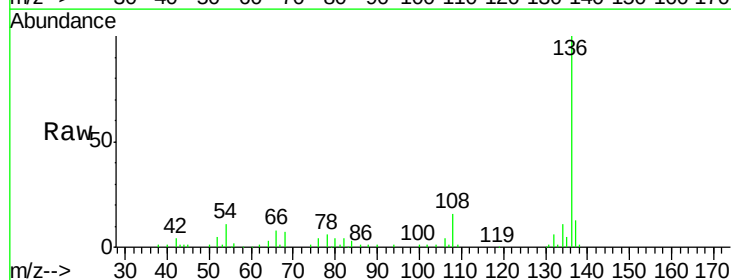
Ion Ratio Lower Upper

136 100

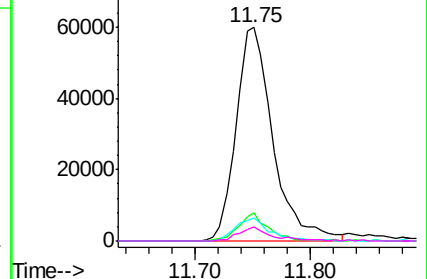
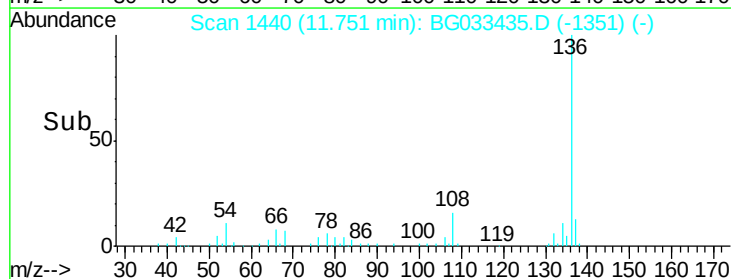
137 13.4 9.2 13.8

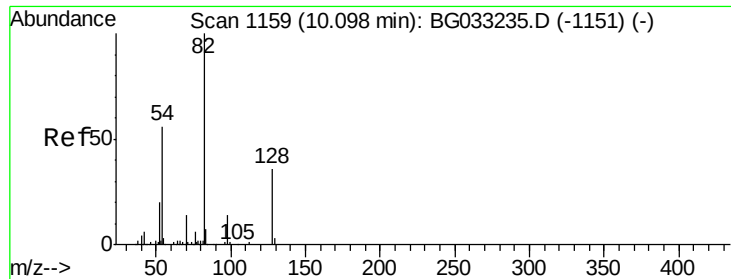
54 10.9 10.3 15.5

68 6.7 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: 104.219 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033435.D

Acq: 30 Mar 2018 00:36

Instrument :

BNA_G

ClientSampleId :

TP-1

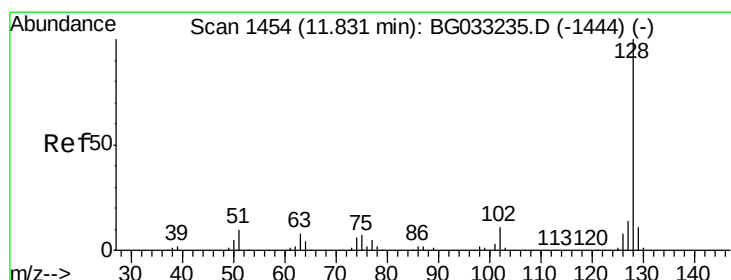
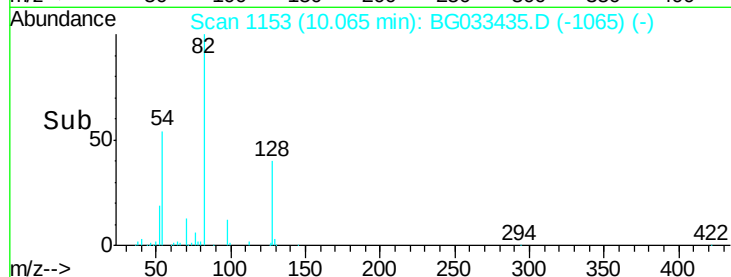
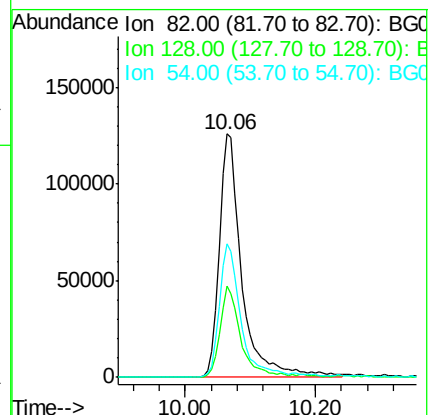
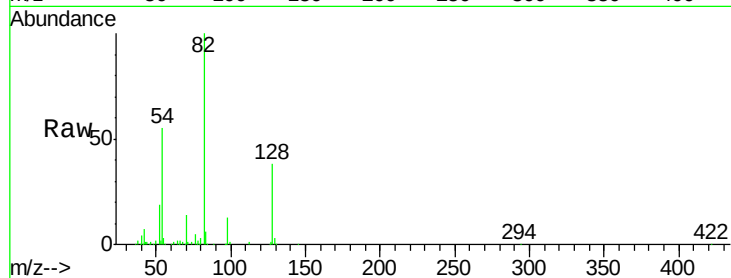
Tot Ion: 82 Resp: 300657

Ion Ratio Lower Upper

82 100

128 37.7 29.7 44.5

54 54.6 43.1 64.7



#31

Naphthalene

Concen: 2.758 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG033435.D

Acq: 30 Mar 2018 00:36

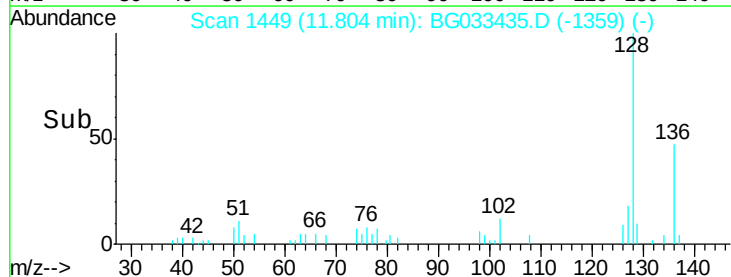
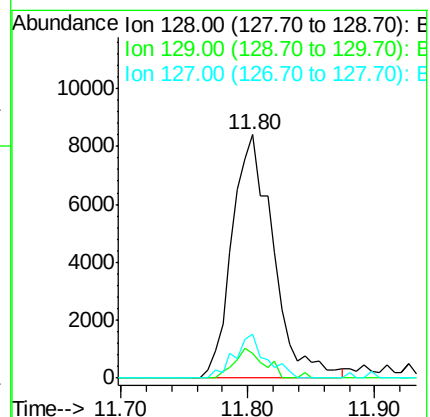
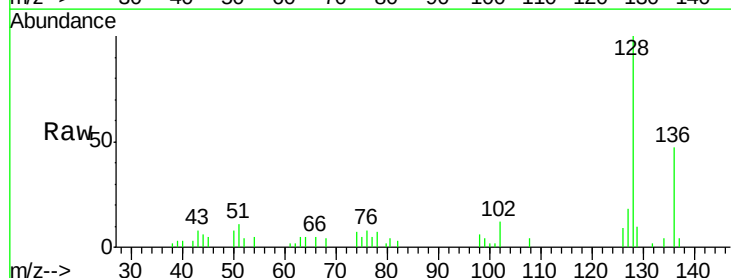
Tgt Ion: 128 Resp: 18944

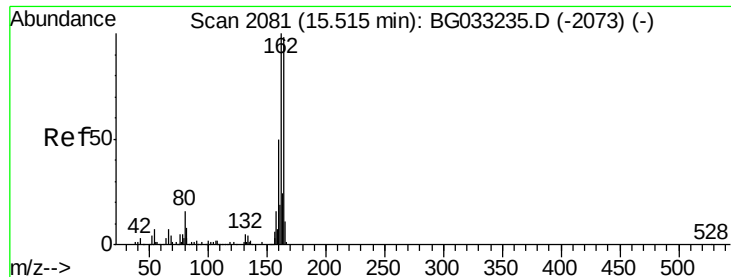
Ion Ratio Lower Upper

128 100

129 10.0 8.6 12.8

127 17.9 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: BG033435.D

Acq: 30 Mar 2018 00:36

Instrument :

BNA_G

ClientSampleId :

TP-1

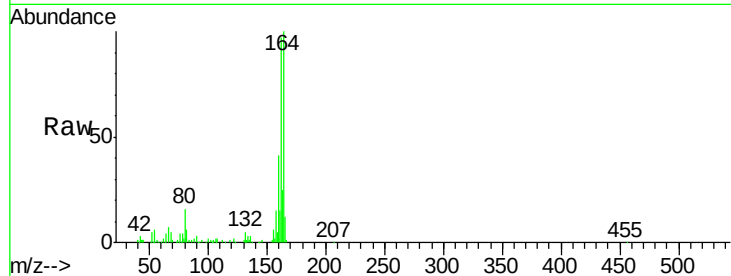
Tot Ion:164 Resp: 111463

Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

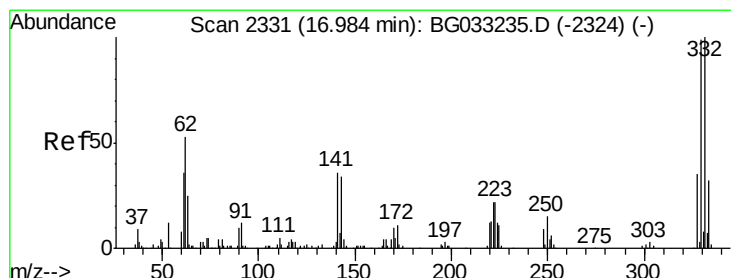
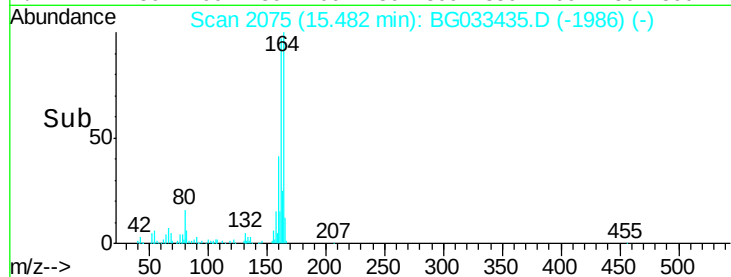
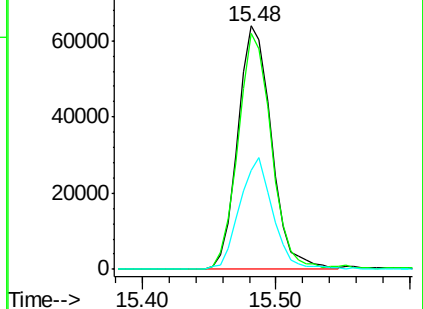
160 40.5 35.4 53.0



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: 161.039 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033435.D

Acq: 30 Mar 2018 00:36

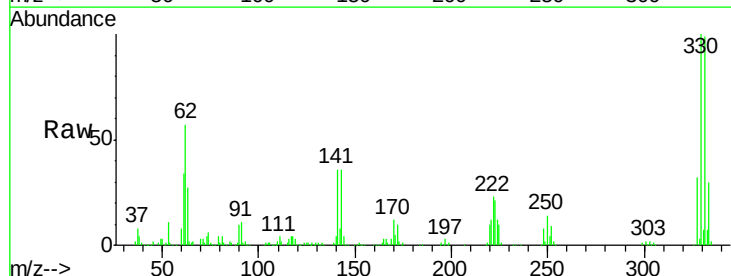
Tgt Ion:330 Resp: 268462

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

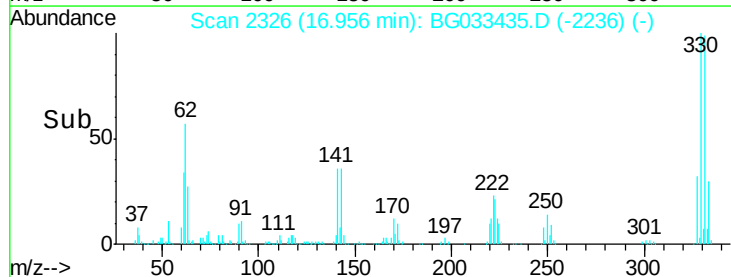
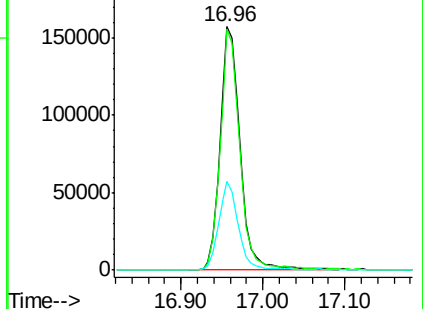
141 35.7 25.2 37.8

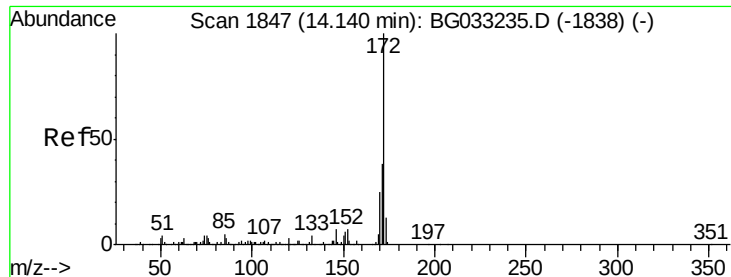


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

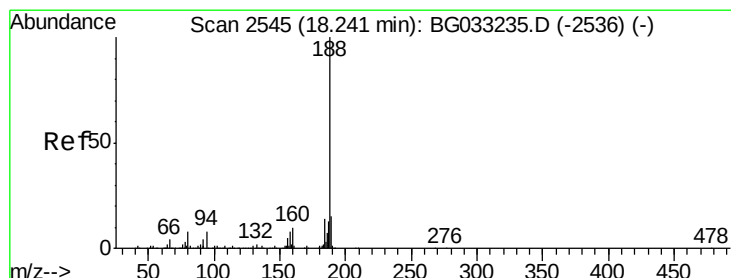
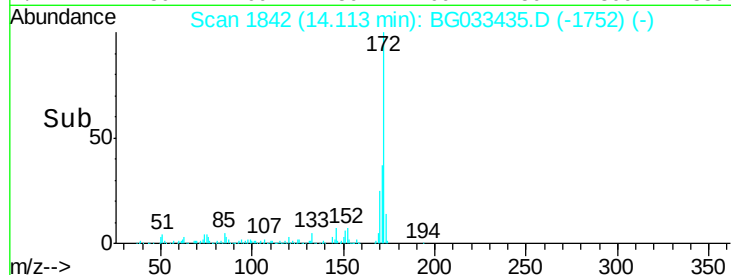
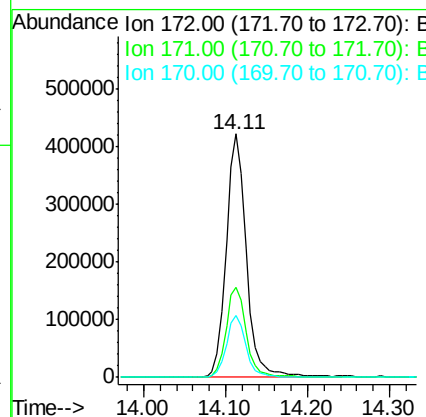
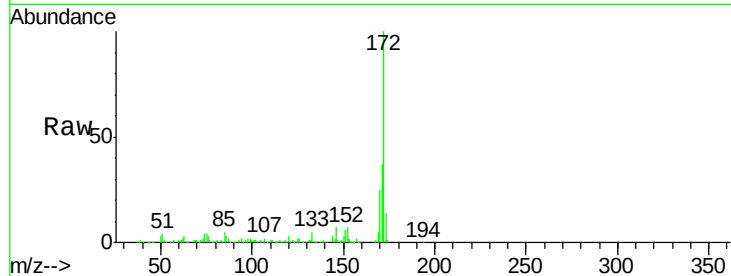




#44
2-Fluorobiphenyl
Concen: 93.600 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033435.D
Acq: 30 Mar 2018 00:36

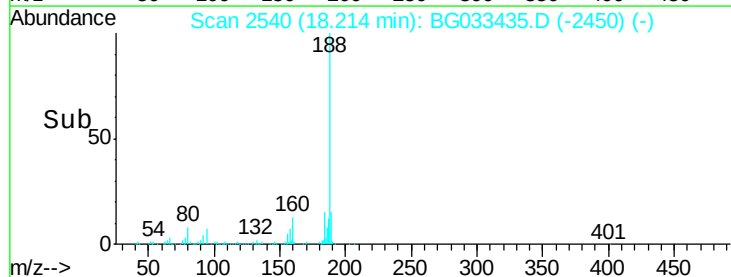
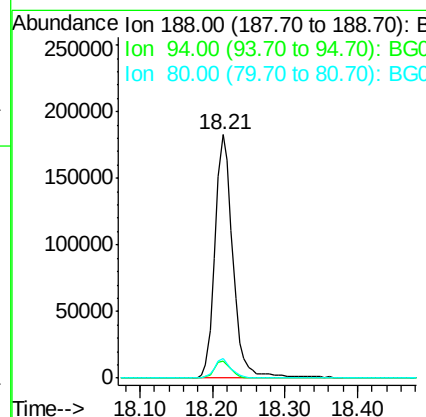
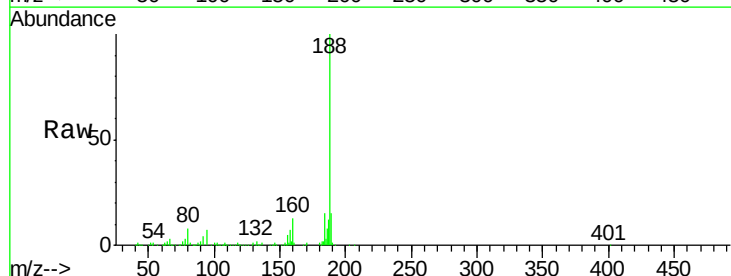
Instrument :
BNA_G
ClientSampled :
TP-1

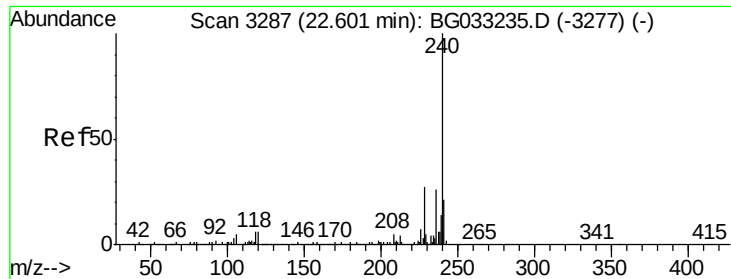
Tot Ion:172 Resp: 722685
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 25.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033435.D
Acq: 30 Mar 2018 00:36

Tgt Ion:188 Resp: 316397
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.9 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: BG033435.D

Acq: 30 Mar 2018 00:36

Instrument :

BNA_G

ClientSampleId :

TP-1

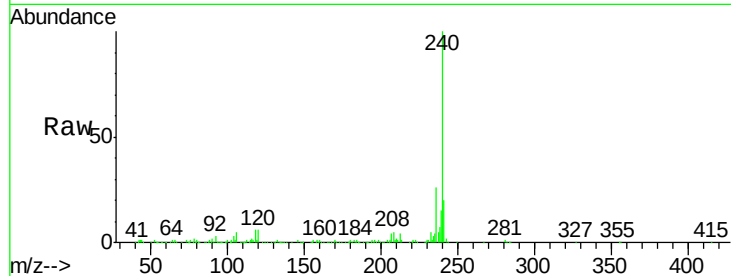
Tot Ion:240 Resp: 343499

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

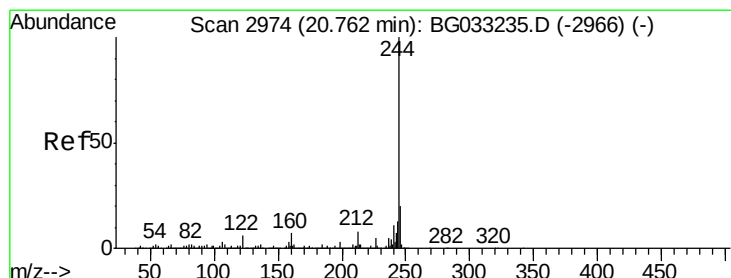
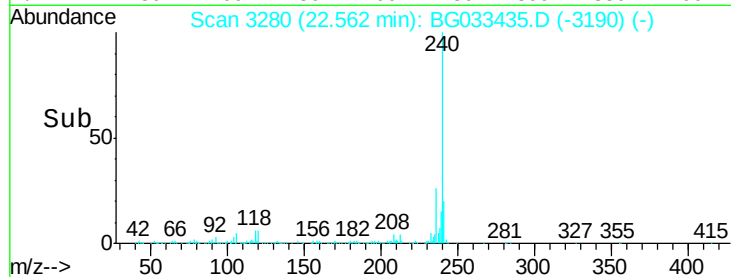
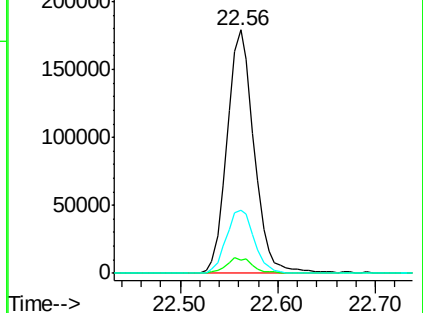
236 25.7 20.9 31.3



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: 99.214 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033435.D

Acq: 30 Mar 2018 00:36

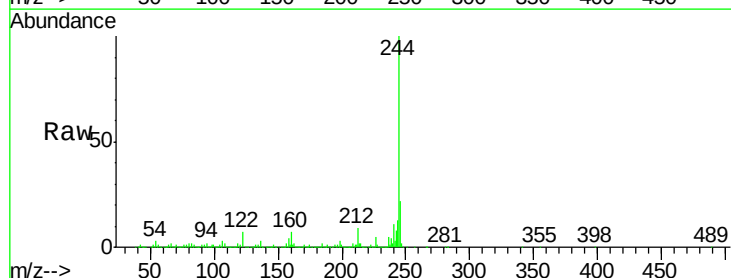
Tgt Ion:244 Resp: 1593557

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

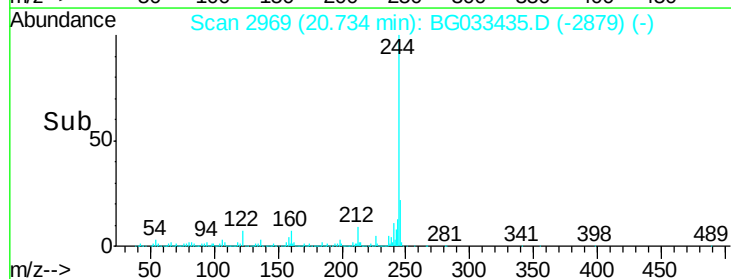
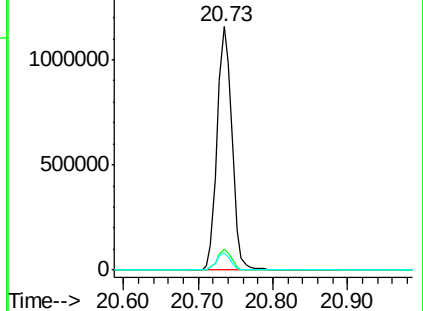
122 6.9 7.0 10.4#

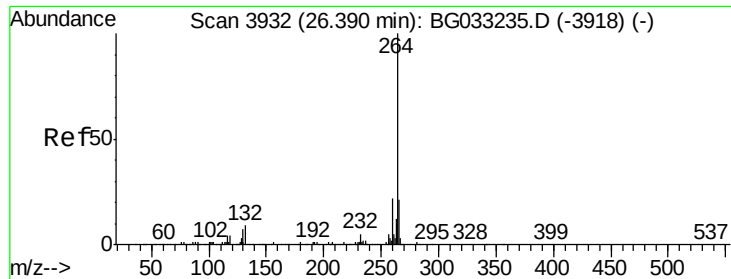


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.33 min Scan# 3922
 Delta R.T. -0.00 min
 Lab File: BG033435.D
 Acq: 30 Mar 2018 00:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.4	17.7	26.5

