

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033538.D
 Acq On : 4 Apr 2018 00:43
 Operator : SJ/JU
 Sample : J2131-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT24482

Quant Time: Apr 04 04:33:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

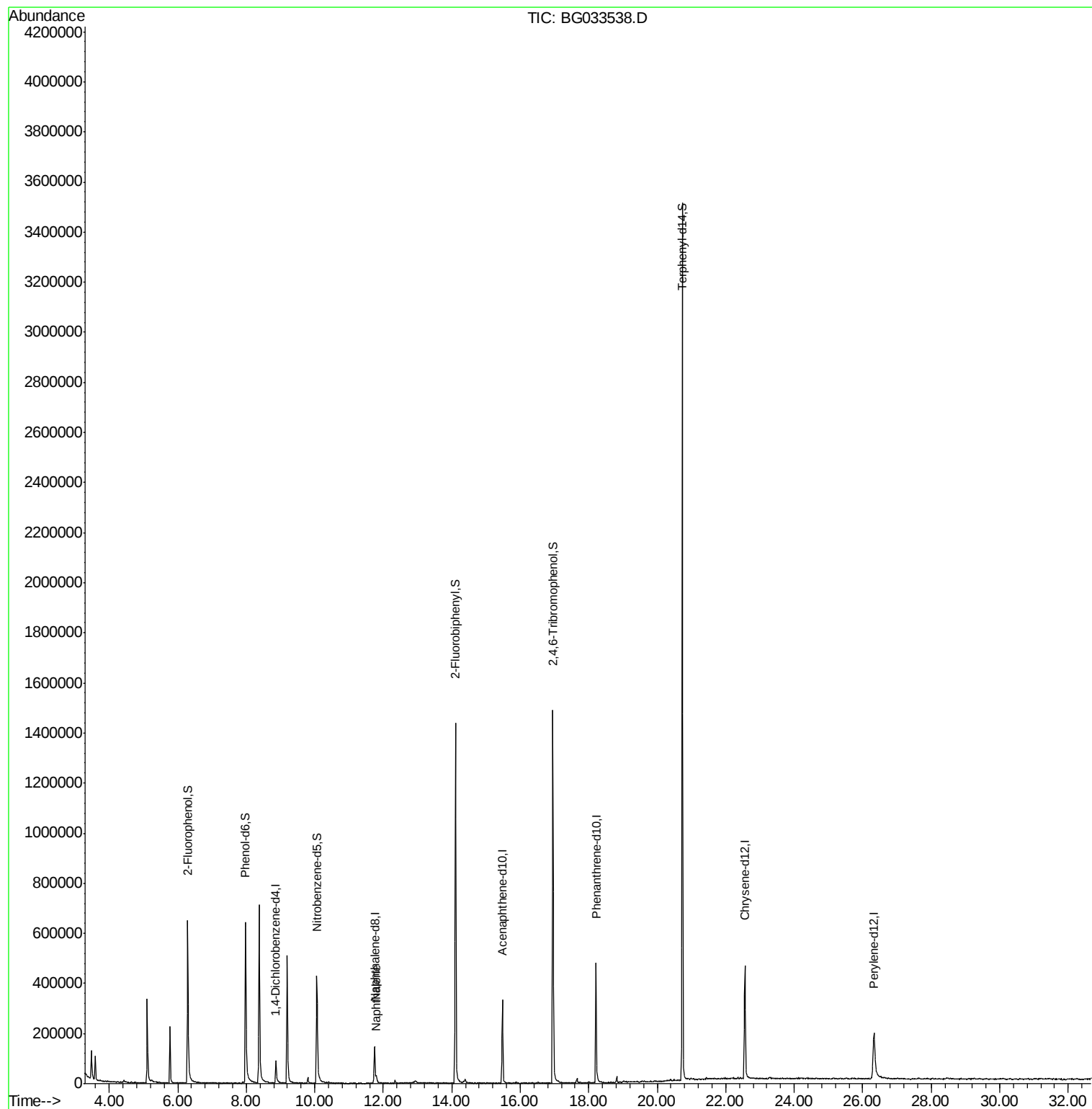
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33697	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	153226	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	125730	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	344623	20.00	ng	0.00
75) Chrysene-d12	22.56	240	351595	20.00	ng	0.00
86) Perylene-d12	26.33	264	318889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	318915	177.47	ng	0.00
7) Phenol-d6	7.98	99	447935	145.07	ng	0.00
23) Nitrobenzene-d5	10.06	82	327838	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	292030	155.30	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	836189	96.01	ng	0.00
78) Terphenyl-d14	20.73	244	1710639	104.05	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	23027	2.900	ng	Qvalue 98

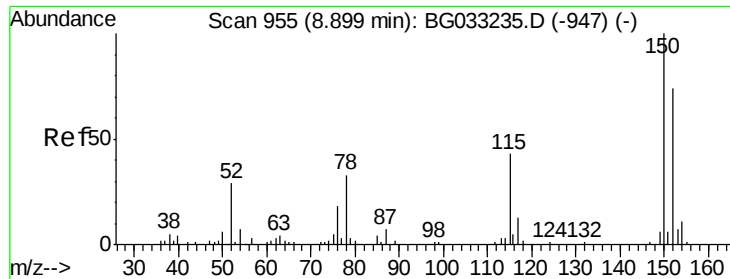
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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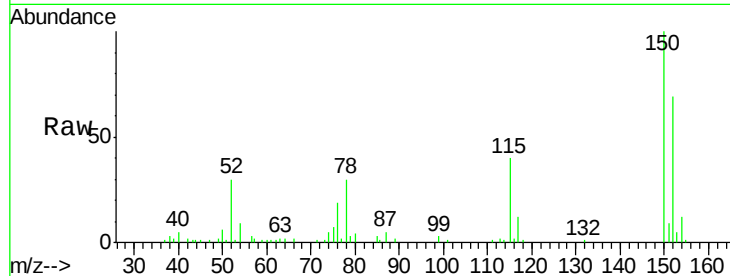


#1

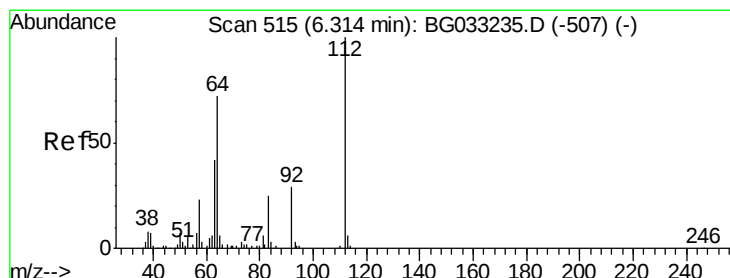
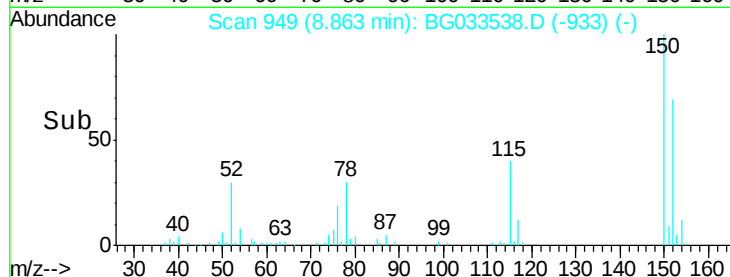
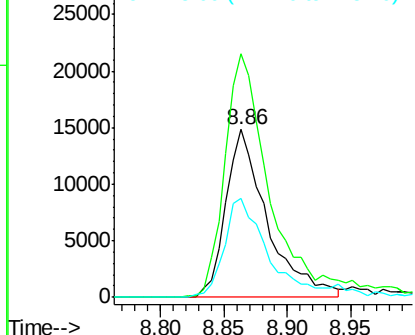
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :
CHRT24482

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.6	189.8
115	58.6	53.0	79.4



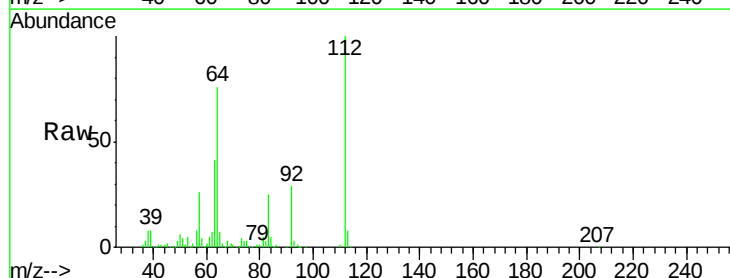
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



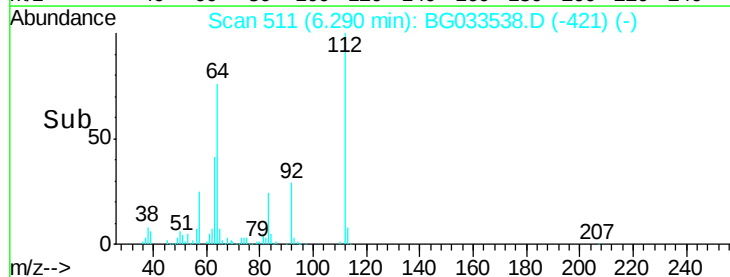
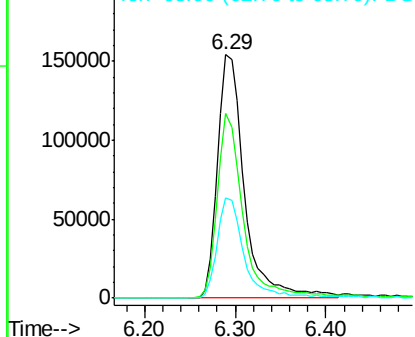
#5

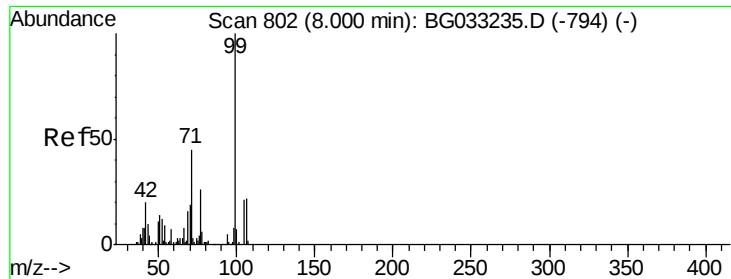
2-Fluorophenol
Concen: 177.465 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033538.D
Acq: 4 Apr 2018 00:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	56.3	84.5
63	41.1	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: 145.070 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

Instrument :

BNA_G

ClientSampled :

CHRT24482

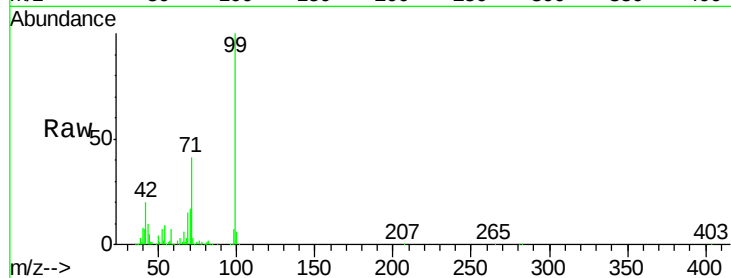
Tot Ion: 99 Resp: 447935

Ion Ratio Lower Upper

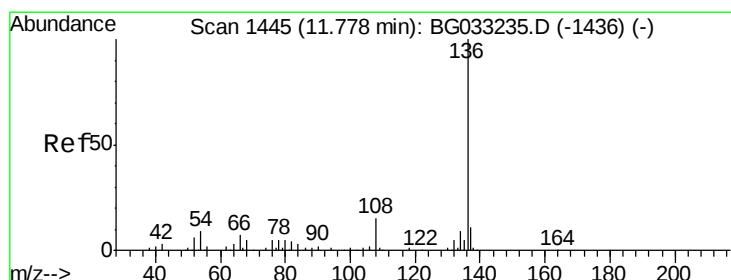
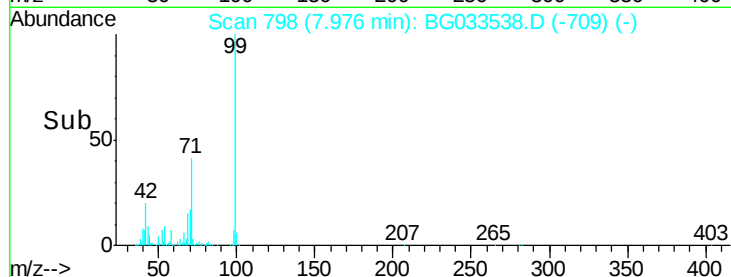
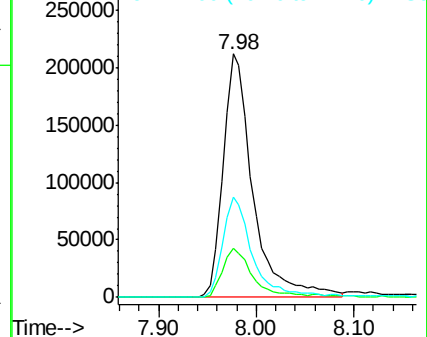
99 100

42 19.9 14.1 21.1

71 41.1 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. -0.00 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

Tgt Ion: 136 Resp: 153226

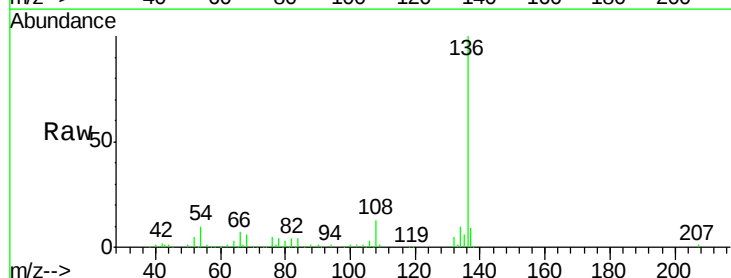
Ion Ratio Lower Upper

136 100

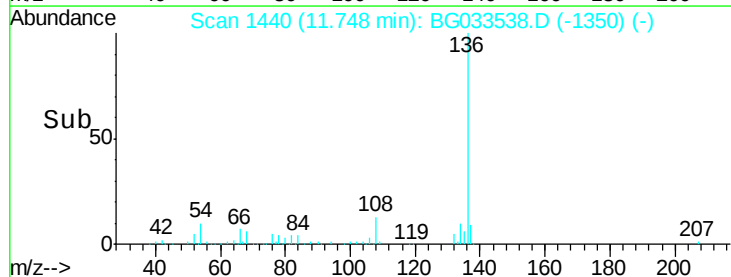
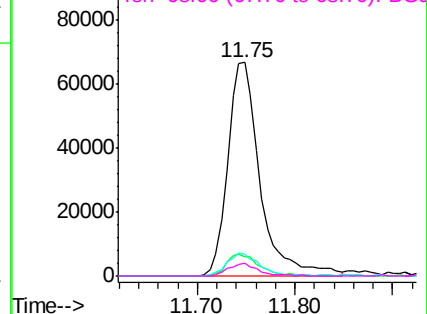
137 8.9 9.2 13.8#

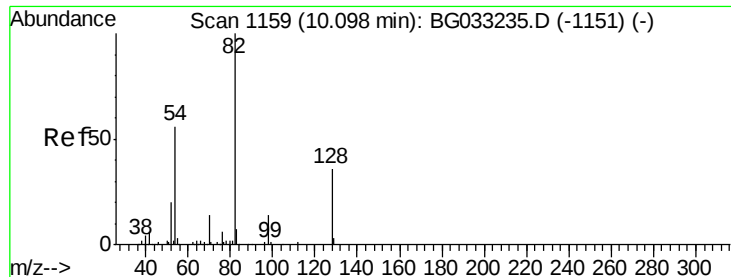
54 10.0 10.3 15.5#

68 5.8 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: 98.301 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

Instrument :

BNA_G

ClientSampleId :

CHRT24482

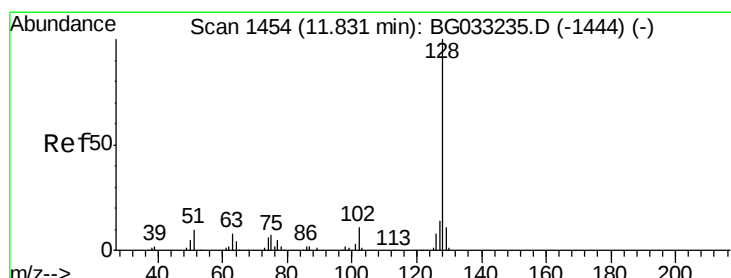
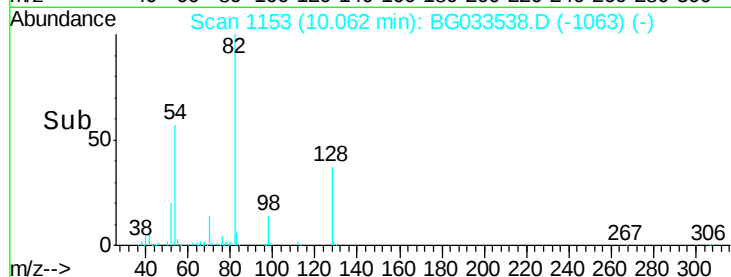
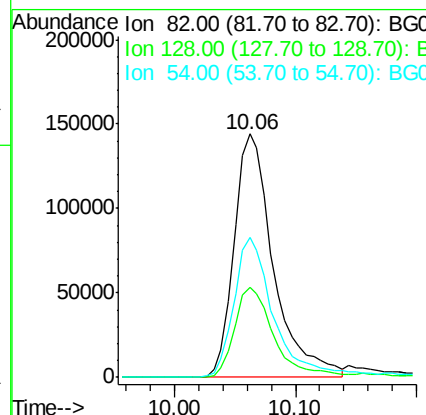
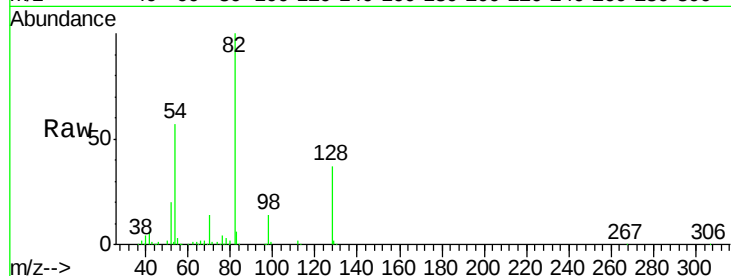
Tot Ion: 82 Resp: 327838

Ion Ratio Lower Upper

82 100

128 37.1 29.7 44.5

54 57.4 43.1 64.7



#31

Naphthalene

Concen: 2.900 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

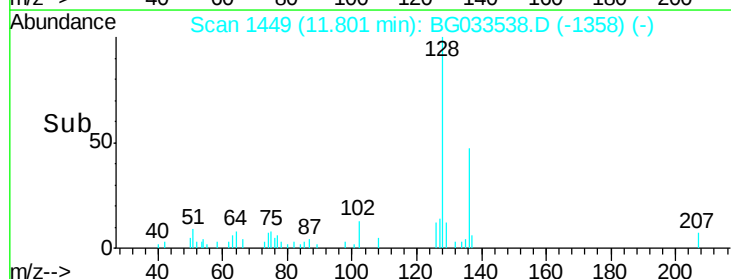
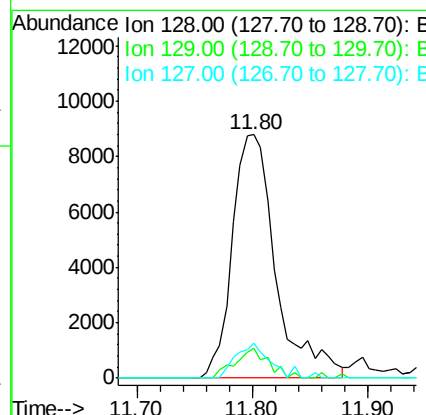
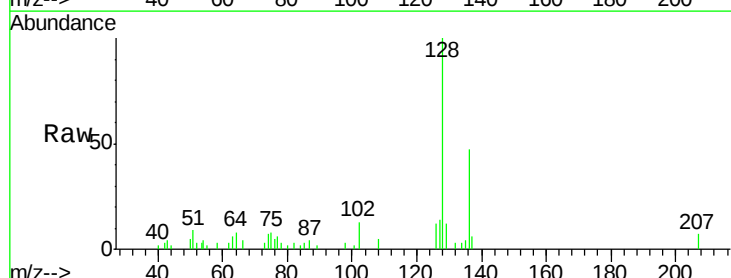
Tgt Ion: 128 Resp: 23027

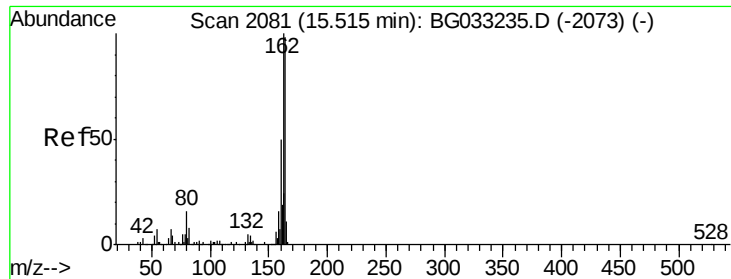
Ion Ratio Lower Upper

128 100

129 12.3 8.6 12.8

127 14.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

Instrument :

BNA_G

ClientSampleId :

CHRT24482

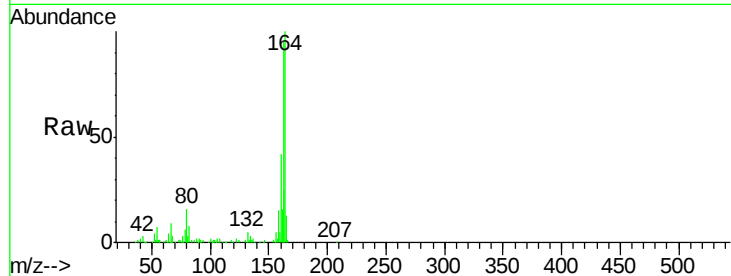
Tot Ion:164 Resp: 125730

Ion Ratio Lower Upper

164 100

162 95.0 78.8 118.2

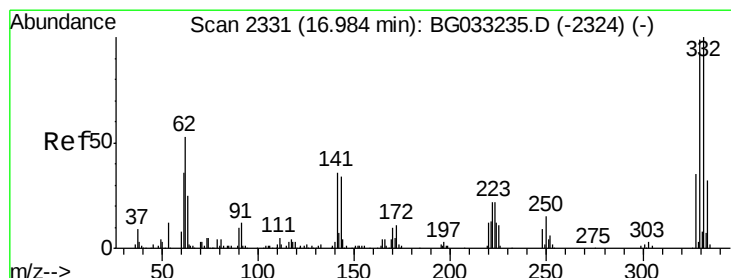
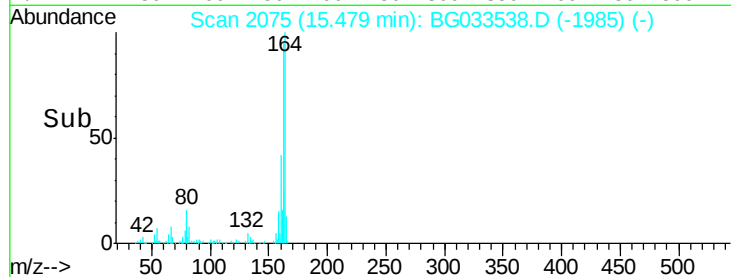
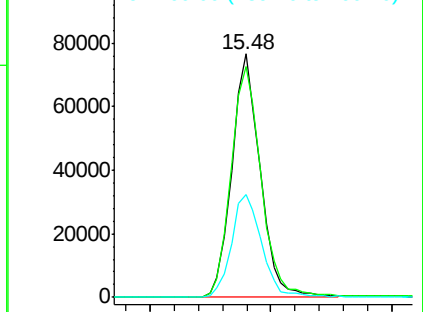
160 42.0 35.4 53.0



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: 155.299 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

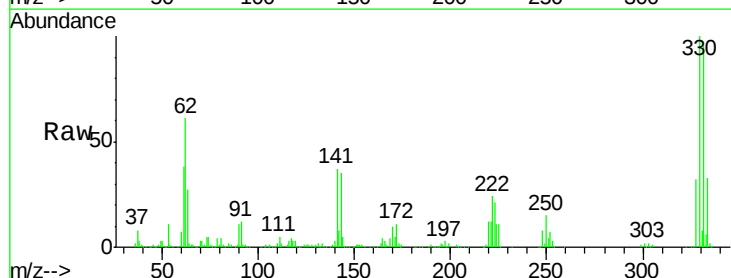
Tgt Ion:330 Resp: 292030

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

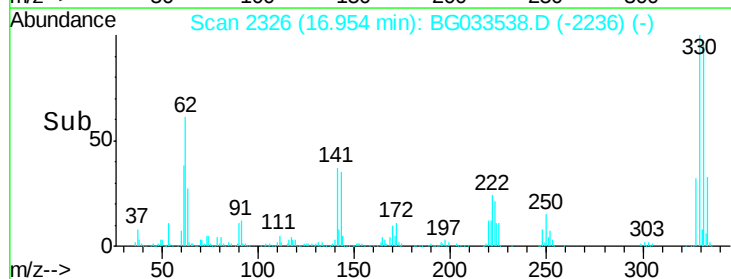
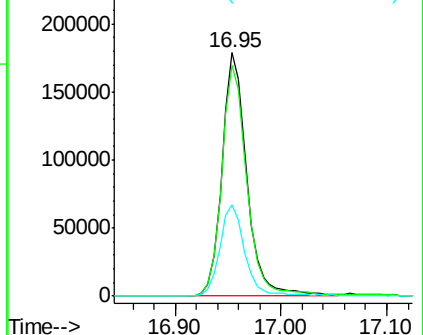
141 38.2 25.2 37.8#

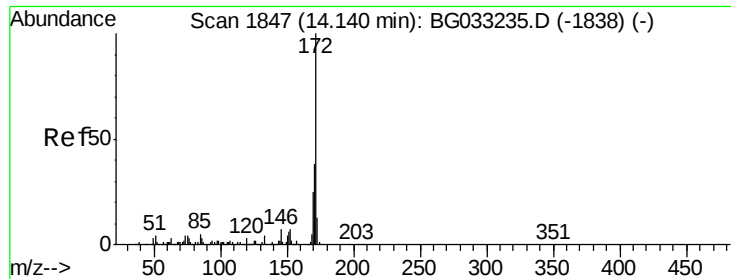


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

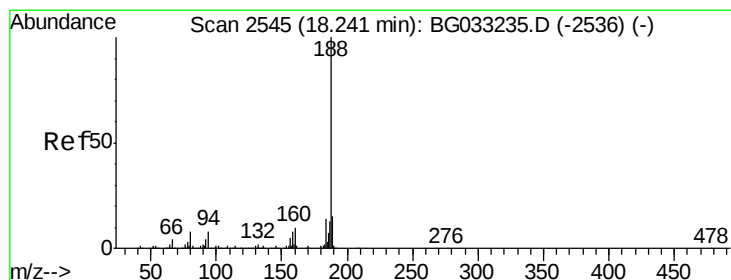
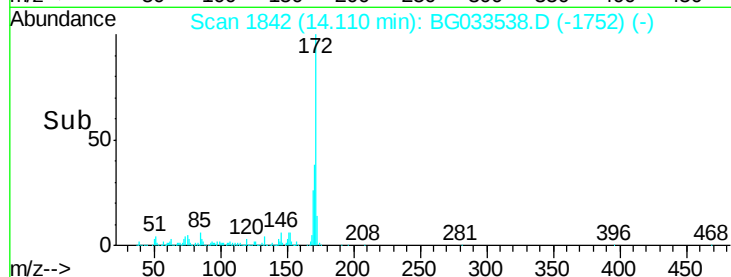
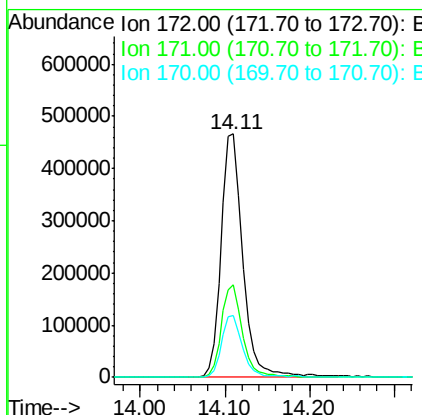
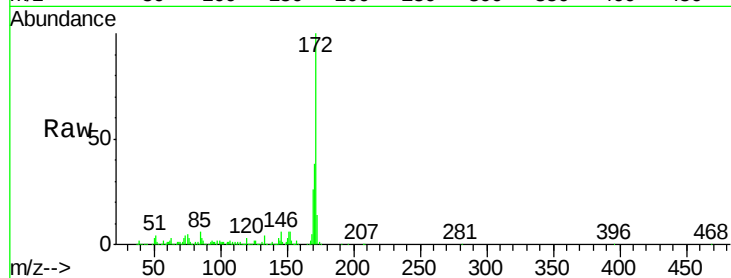




#44
 2-Fluorobiphenyl
 Concen: 96.011 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033538.D
 Acq: 4 Apr 2018 00:43

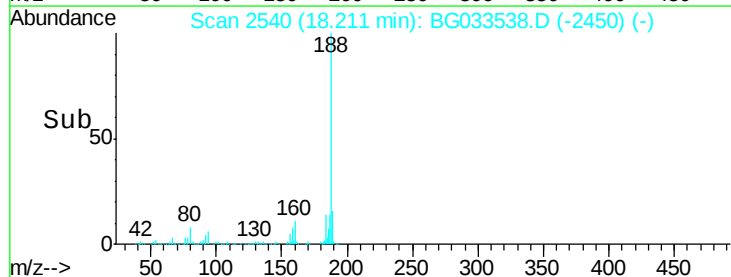
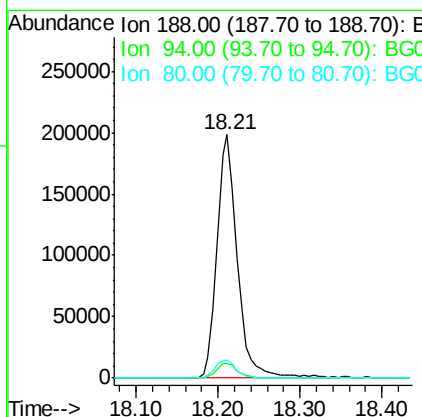
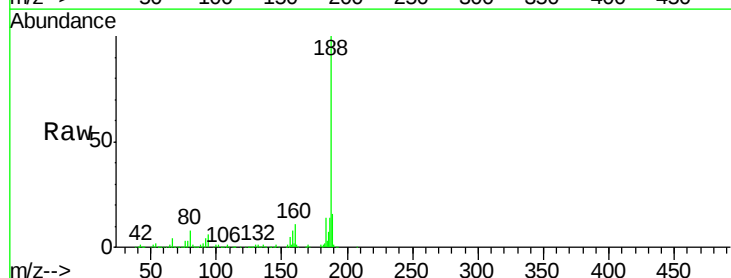
Instrument :
 BNA_G
 ClientSampleId :
 CHRT24482

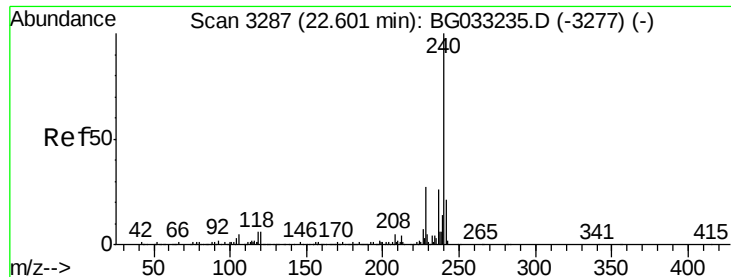
Tot Ion:172 Resp: 836189
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033538.D
 Acq: 4 Apr 2018 00:43

Tgt Ion:188 Resp: 344623
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 7.7 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

Instrument :

BNA_G

ClientSampleId :

CHRT24482

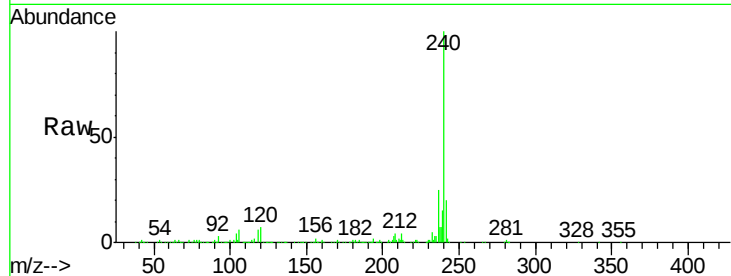
Tot Ion:240 Resp: 351595

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

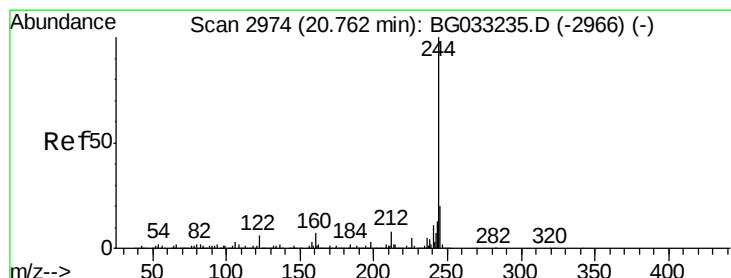
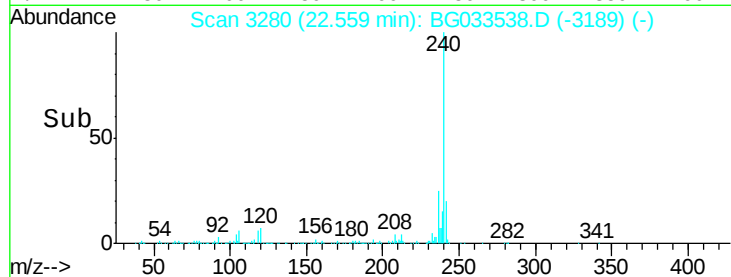
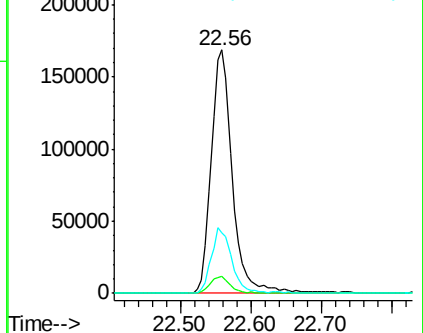
236 24.8 20.9 31.3



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: 104.051 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033538.D

Acq: 4 Apr 2018 00:43

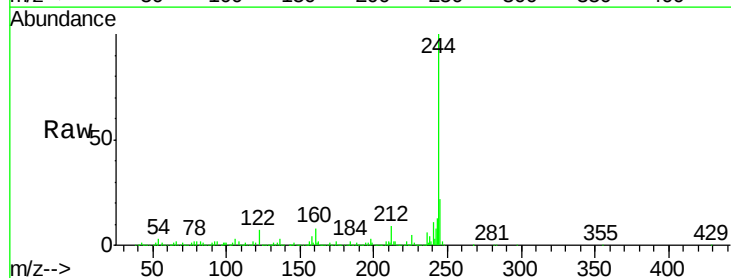
Tgt Ion:244 Resp: 1710639

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

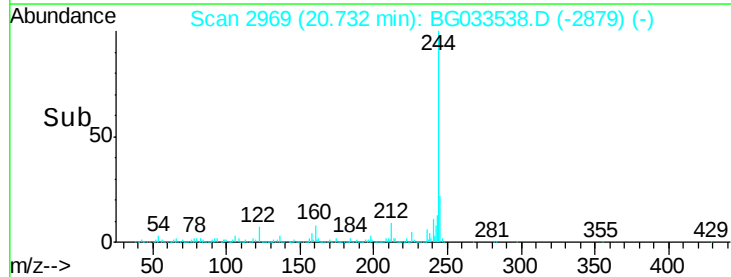
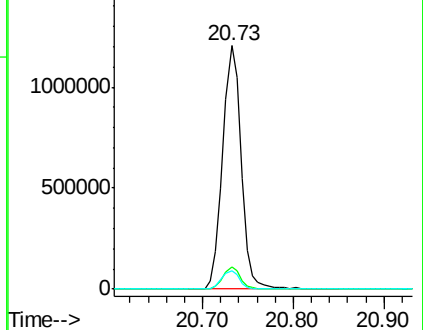
122 7.5 7.0 10.4



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: BG033538.D
Acq: 4 Apr 2018 00:43

Instrument :
BNA_G
ClientSampleId :
CHRT24482

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.1	17.7	26.5

