

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033465.D
 Acq On : 31 Mar 2018 1:47
 Operator : SJ/JU
 Sample : J2117-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPIAS

Quant Time: Mar 31 02:55:14 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

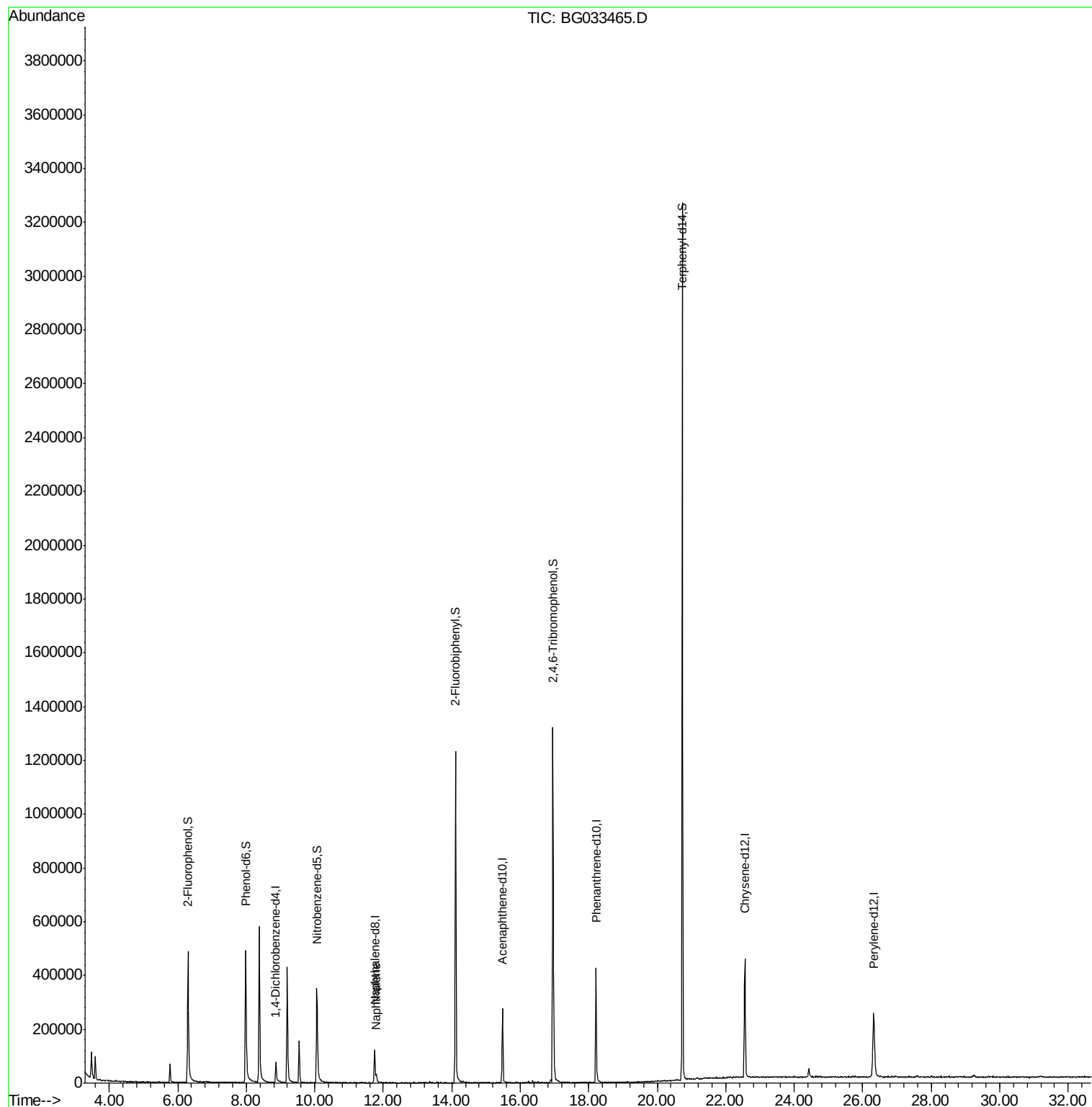
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30348	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	124744	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104977	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	309150	20.00	ng	0.00
75) Chrysene-d12	22.55	240	326244	20.00	ng	0.00
86) Perylene-d12	26.32	264	351092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	258920	159.98	ng	0.00
7) Phenol-d6	7.98	99	356101	128.06	ng	0.00
23) Nitrobenzene-d5	10.06	82	279712	103.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	265893	169.35	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	702302	96.58	ng	0.00
78) Terphenyl-d14	20.73	244	1559404	102.22	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	22931	3.547	ng	Qvalue 94

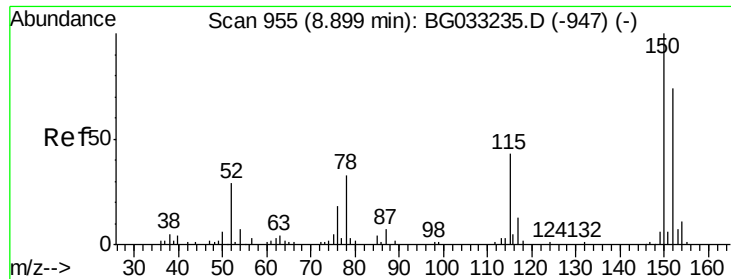
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
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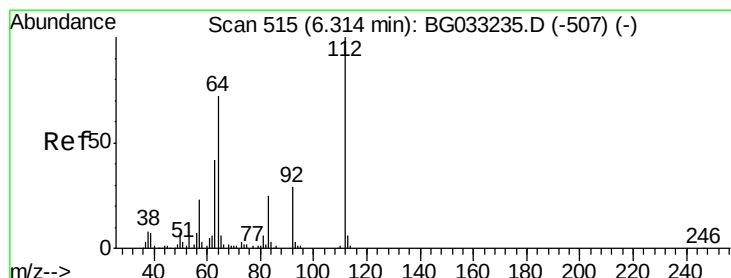
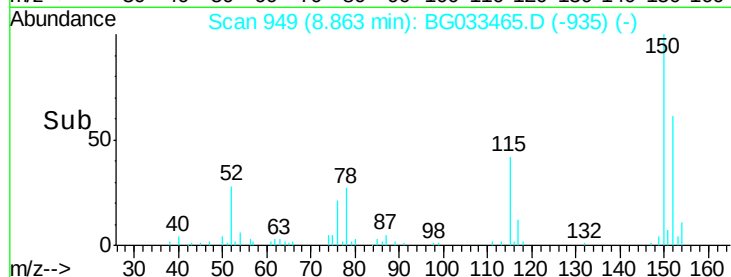
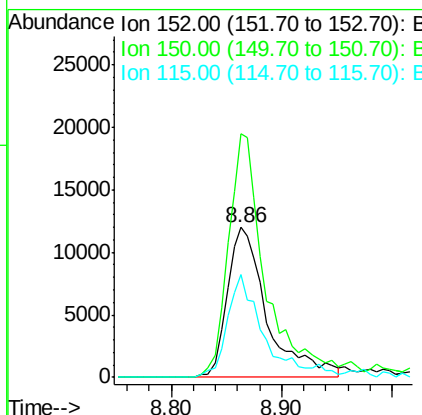
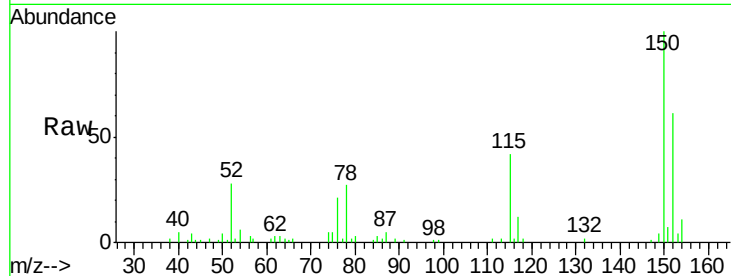




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BG033465.D
 Acq: 31 Mar 2018 1:47

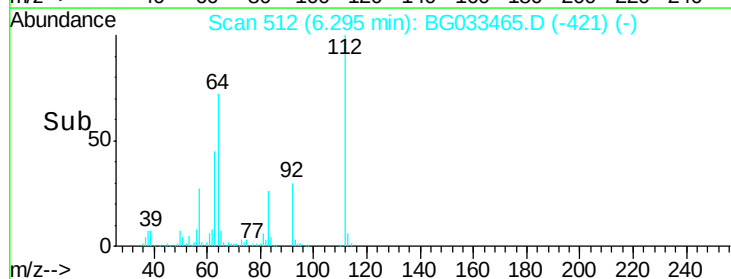
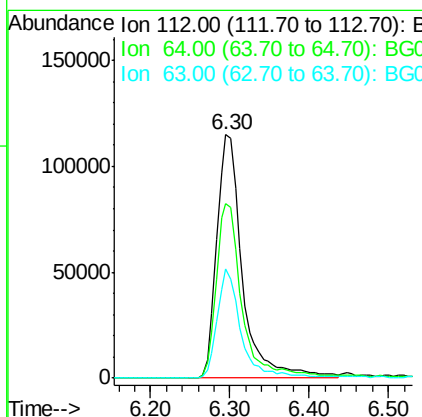
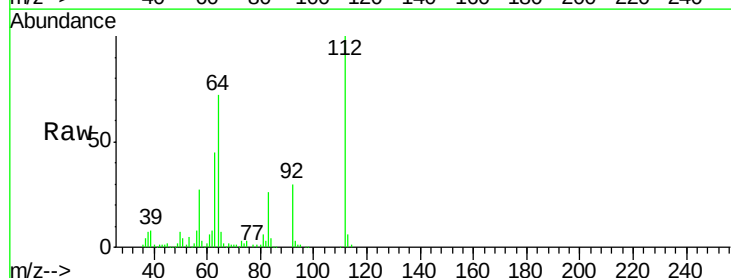
Instrument :
 BNA_G
 ClientSampleId :
 TPIAS

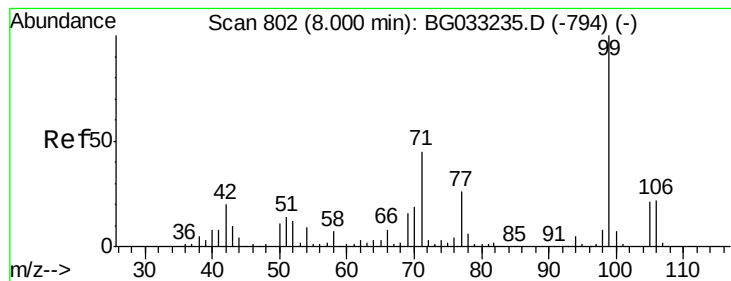
Tot Ion:152 Resp: 30348
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.6 189.8
 115 69.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 159.980 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BG033465.D
 Acq: 31 Mar 2018 1:47

Tgt Ion:112 Resp: 258920
 Ion Ratio Lower Upper
 112 100
 64 71.7 56.3 84.5
 63 44.8 30.1 45.1





#7

Phenol-d6

Concen: 128.055 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

Instrument :

BNA_G

ClientSampleId :

TPIAS

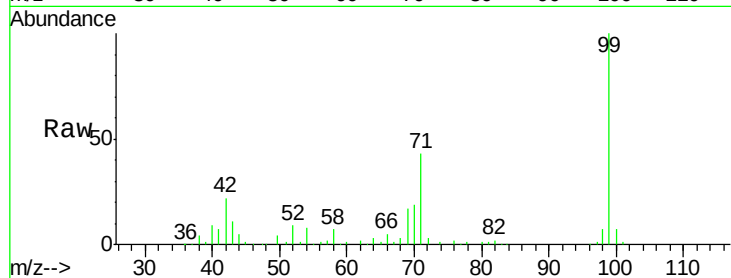
Tot Ion: 99 Resp: 356101

Ion Ratio Lower Upper

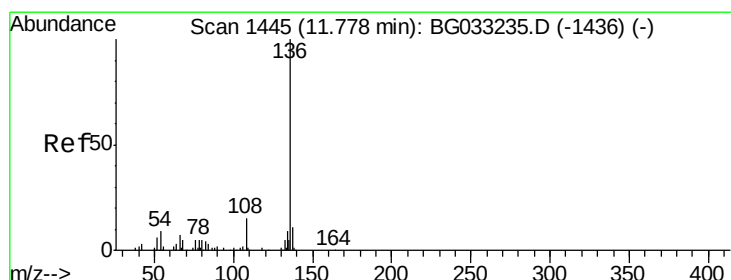
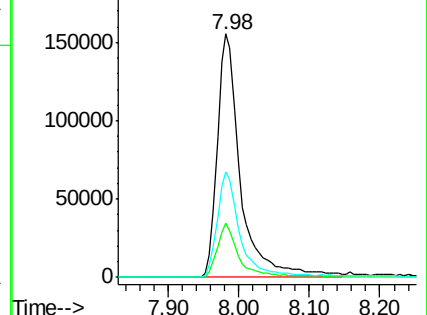
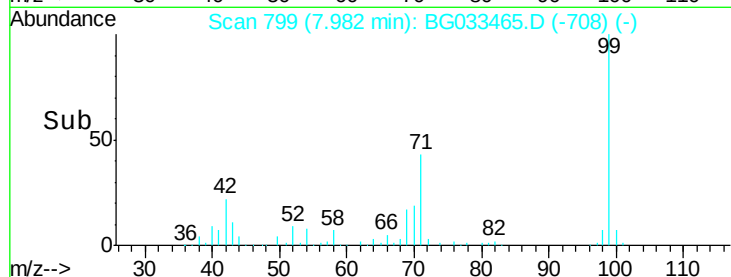
99 100

42 22.4 14.1 21.1#

71 43.5 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: BG033465.D

Acq: 31 Mar 2018 1:47

Tgt Ion: 136 Resp: 124744

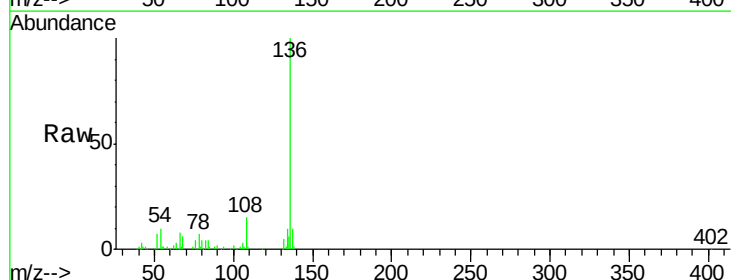
Ion Ratio Lower Upper

136 100

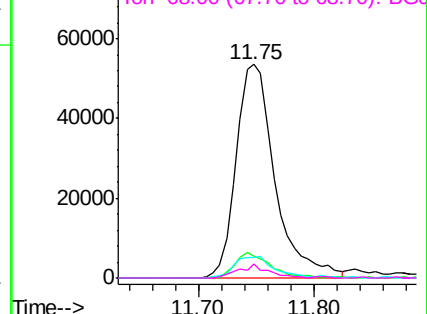
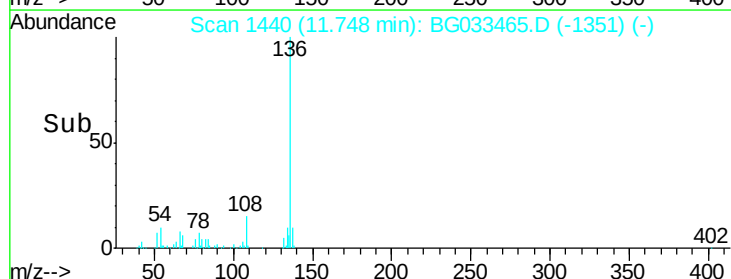
137 10.2 9.2 13.8

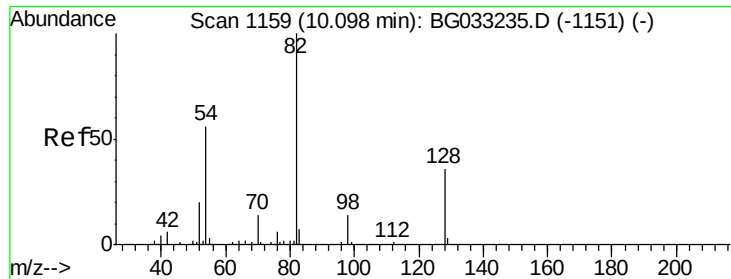
54 9.7 10.3 15.5#

68 6.4 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

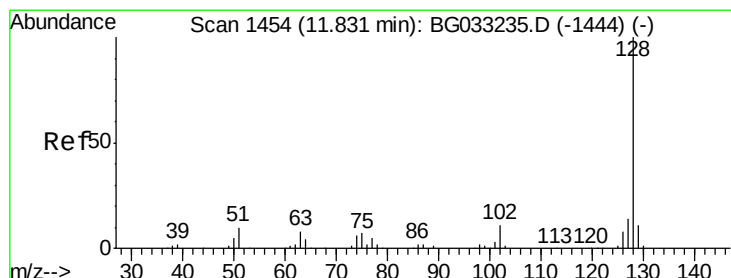
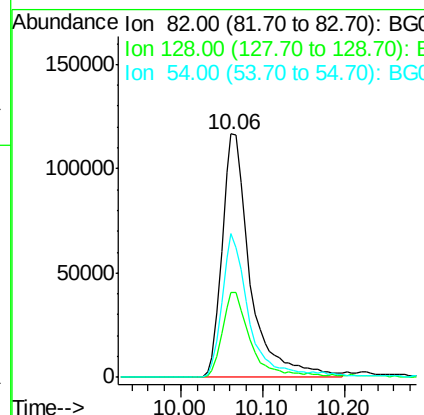
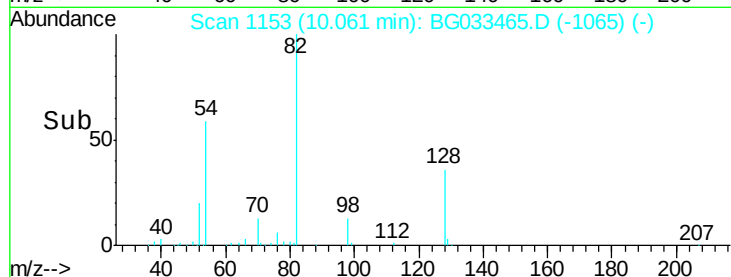
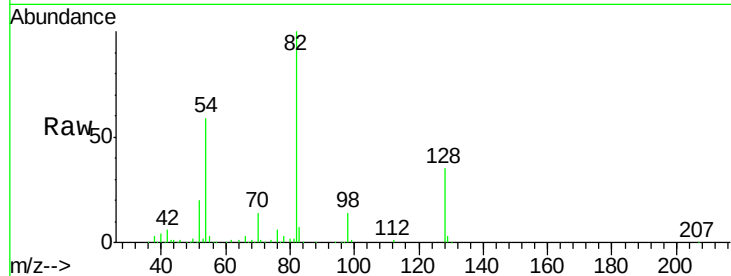




#23
Nitrobenzene-d5
Concen: 103.020 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

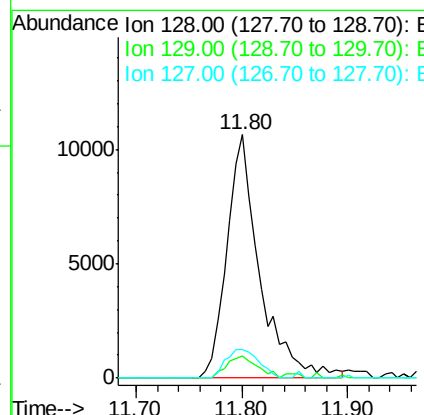
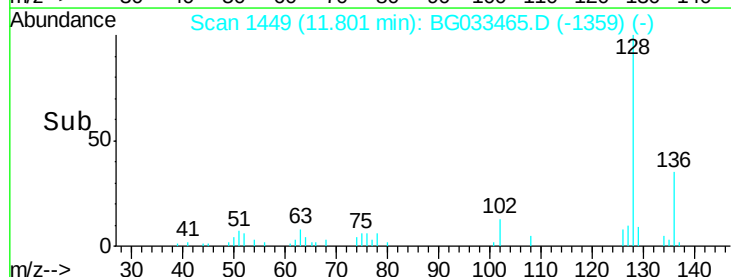
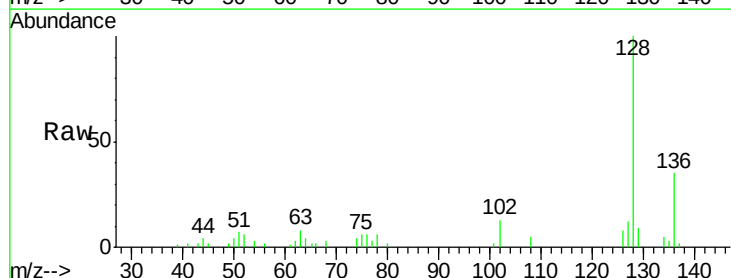
Instrument :
BNA_G
ClientSampleId :
TPIAS

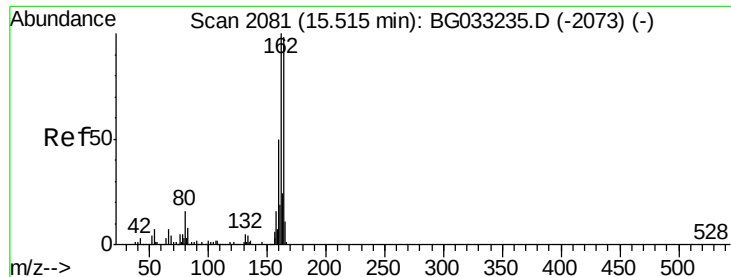
Tot Ion: 82 Resp: 279712
Ion Ratio Lower Upper
82 100
128 34.9 29.7 44.5
54 59.2 43.1 64.7



#31
Naphthalene
Concen: 3.547 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt Ion: 128 Resp: 22931
Ion Ratio Lower Upper
128 100
129 9.2 8.6 12.8
127 11.6 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: BG033465.D

Acq: 31 Mar 2018 1:47

Instrument :

BNA_G

ClientSampleId :

TPIAS

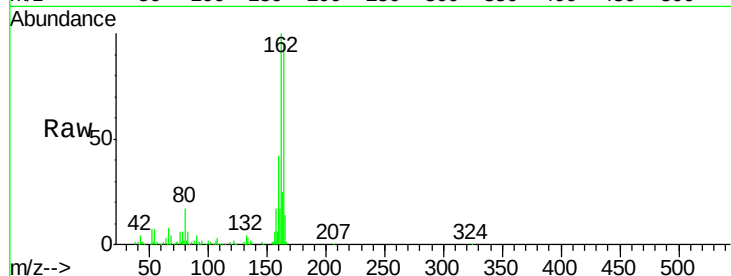
Tot Ion:164 Resp: 104977

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

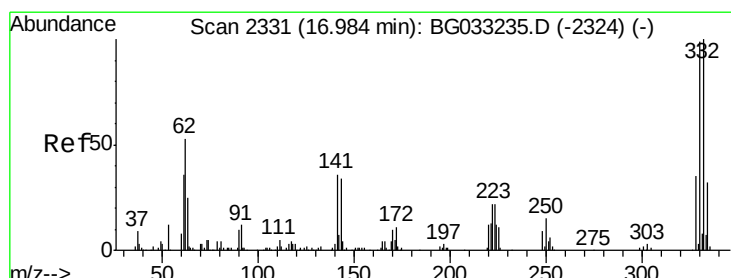
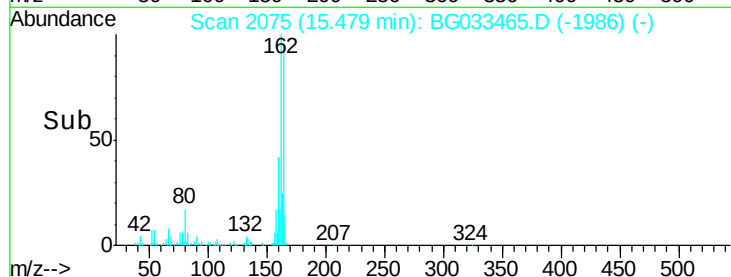
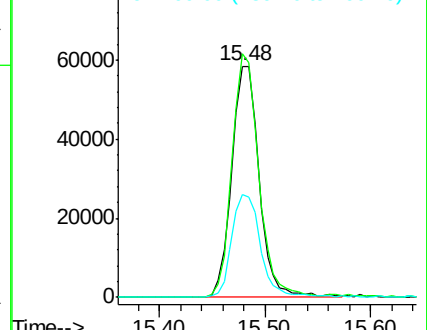
160 44.5 35.4 53.0



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: 169.353 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

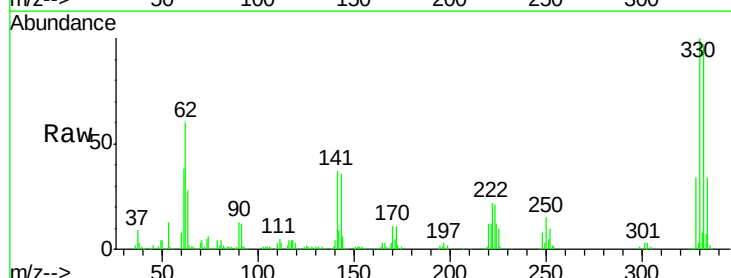
Tgt Ion:330 Resp: 265893

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

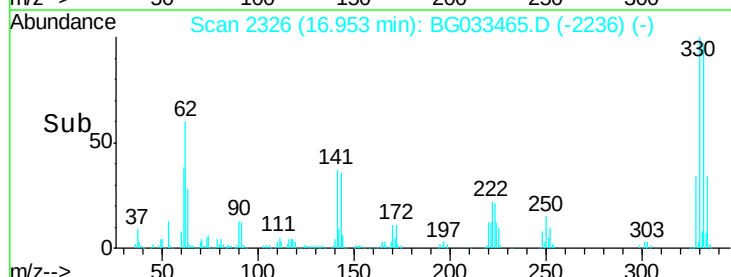
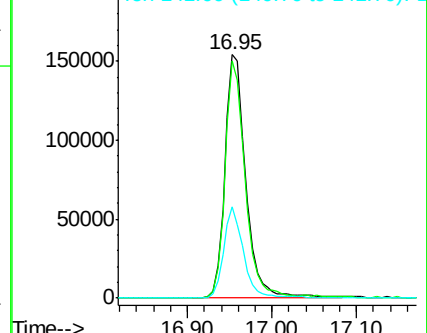
141 35.9 25.2 37.8

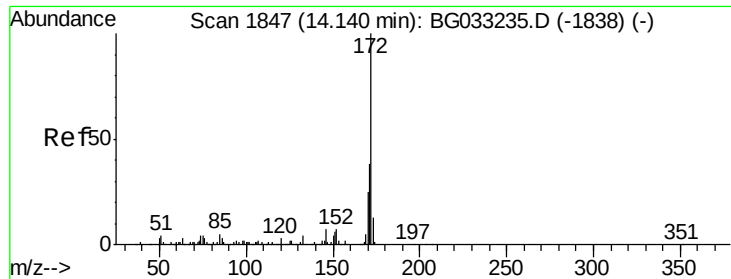


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

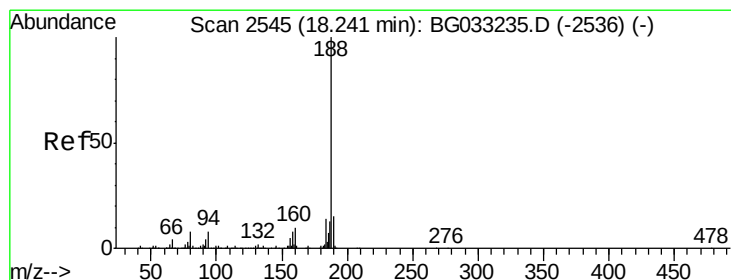
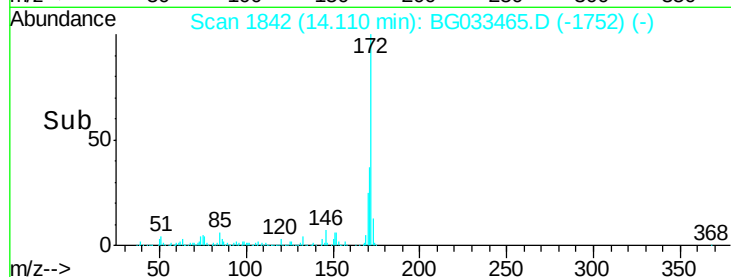
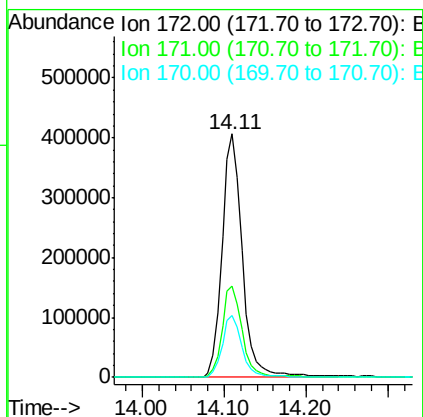
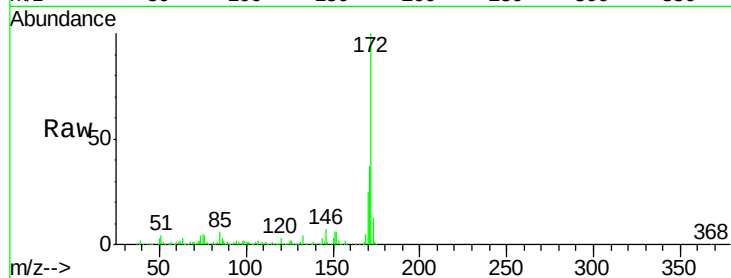




#44
2-Fluorobiphenyl
Concen: 96.580 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

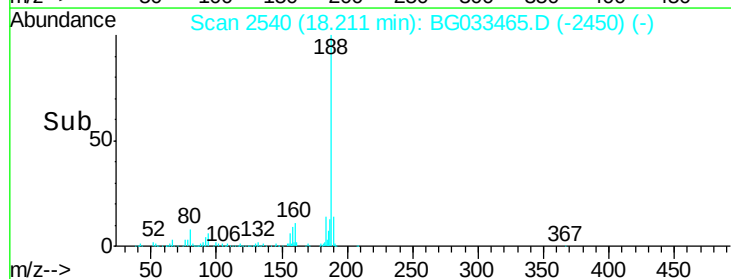
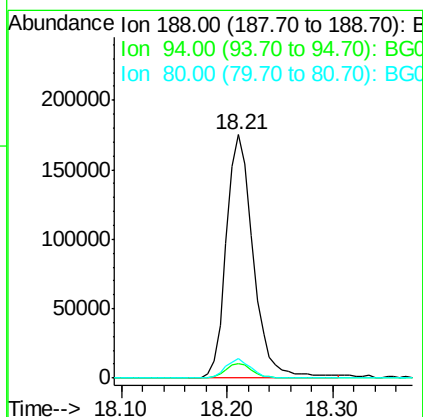
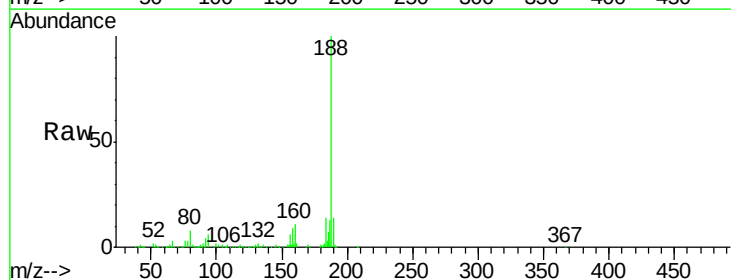
Instrument :
BNA_G
ClientSampled :
TPIAS

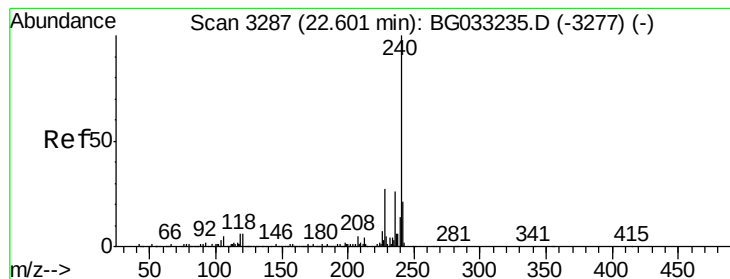
Tot Ion:172 Resp: 702302
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 25.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Tgt Ion:188 Resp: 309150
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

Instrument :

BNA_G

ClientSampleId :

TPIAS

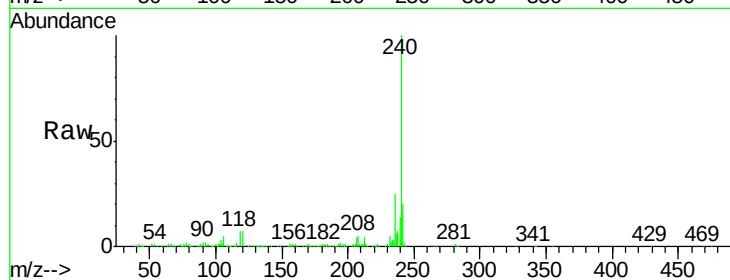
Tot Ion:240 Resp: 326244

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

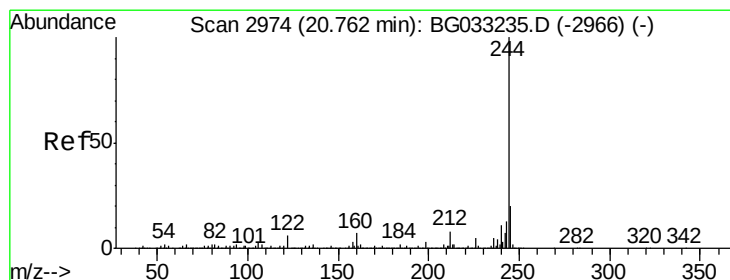
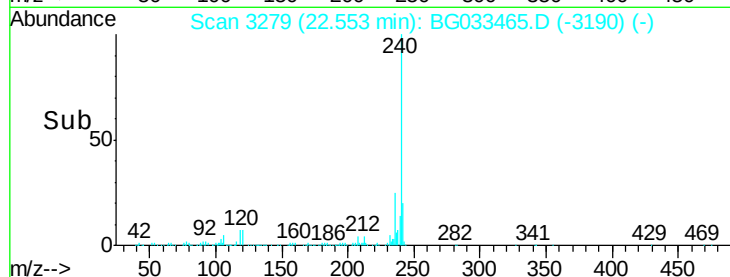
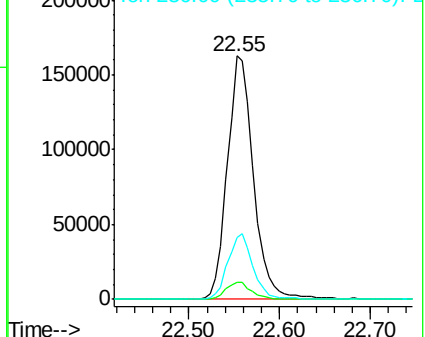
236 25.3 20.9 31.3



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: 102.223 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033465.D

Acq: 31 Mar 2018 1:47

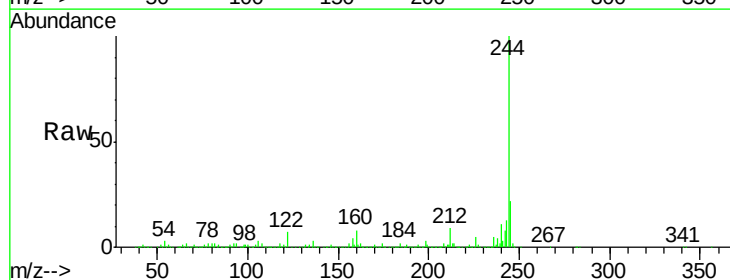
Tgt Ion:244 Resp: 1559404

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

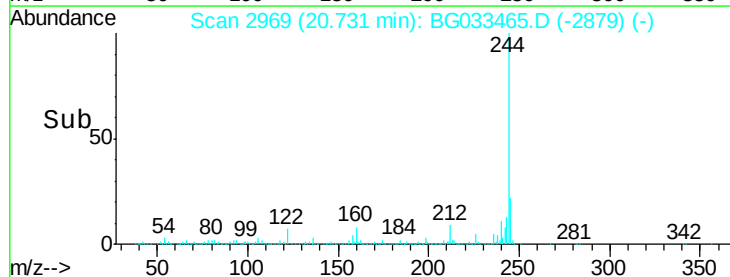
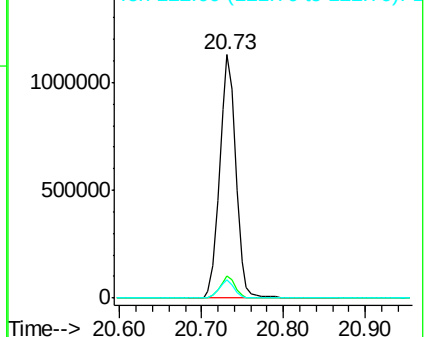
122 7.4 7.0 10.4

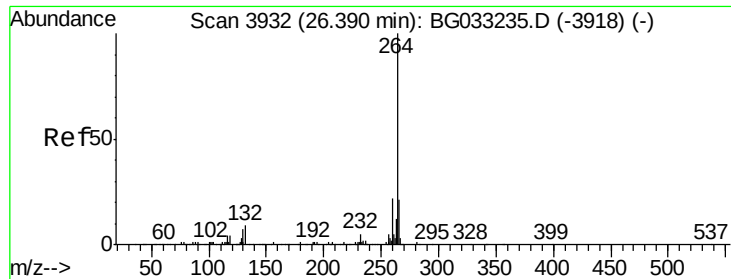


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033465.D
Acq: 31 Mar 2018 1:47

Instrument :
BNA_G
ClientSampleId :
TPIAS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	20.2	17.7	26.5

