

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033191.D
 Acq On : 16 Mar 2018 00:10
 Operator : SJ/JU
 Sample : J1928-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E01-E01A-F01-F01A

Quant Time: Mar 16 06:20:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

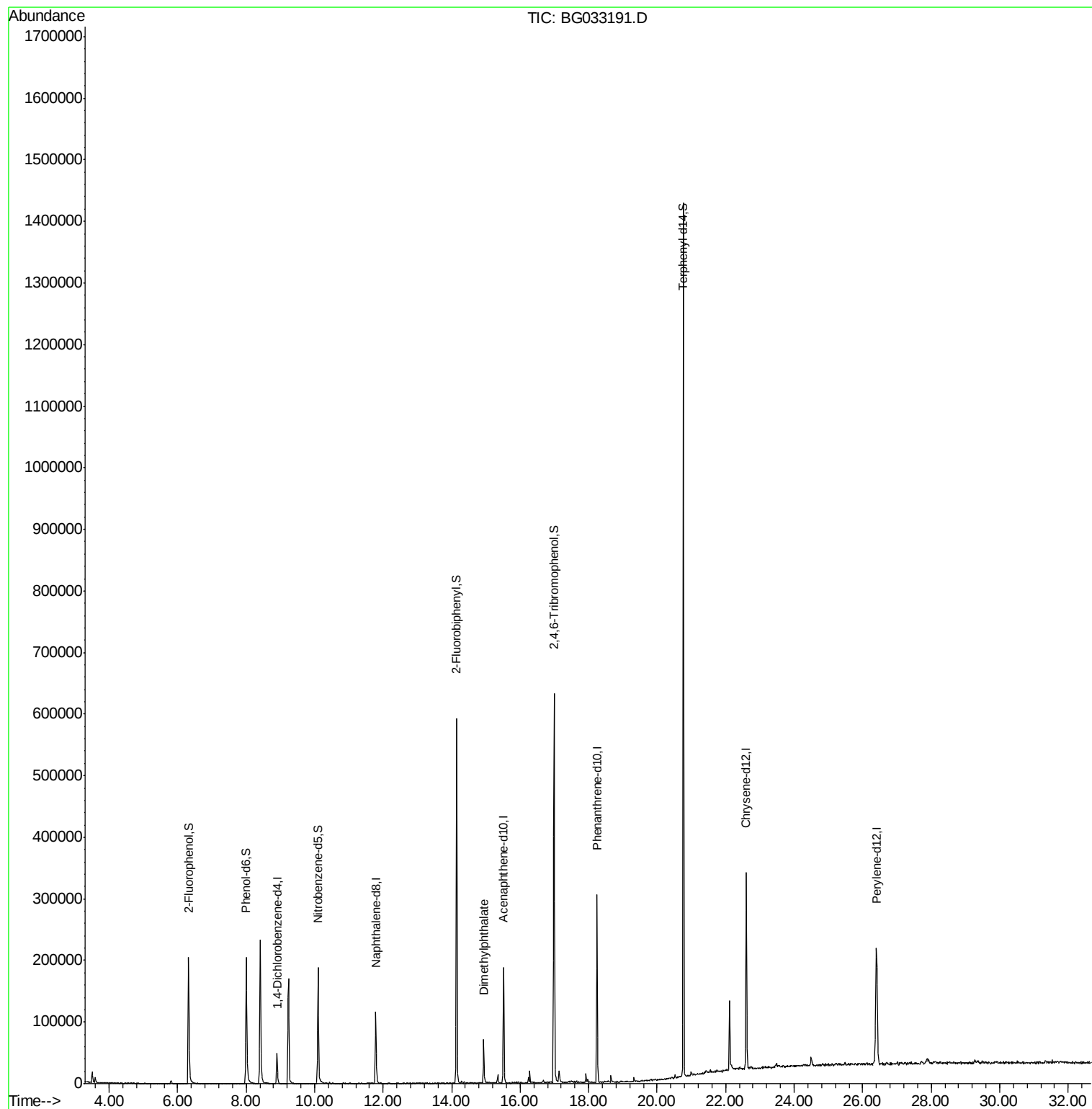
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	17940	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	115853	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	71632	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	197403	20.00	ng	0.00
75) Chrysene-d12	22.60	240	212544	20.00	ng	0.00
86) Perylene-d12	26.41	264	240097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	114280	101.91	ng	0.00
7) Phenol-d6	8.00	99	151453	96.90	ng	0.00
23) Nitrobenzene-d5	10.09	82	128113	77.70	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	136500	181.23	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	337252	67.90	ng	0.00
78) Terphenyl-d14	20.77	244	688411	72.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.94	163	50287	8.268	ng	Qvalue 99

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

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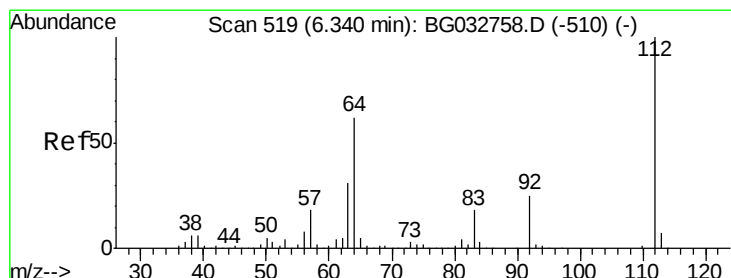
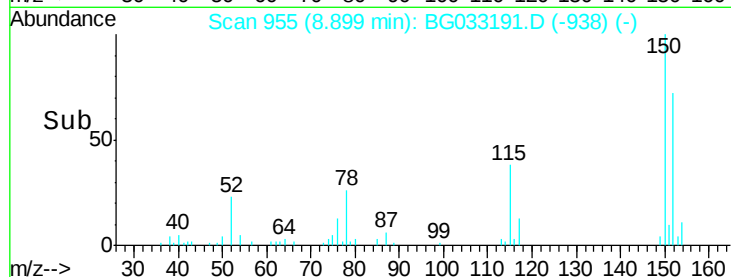
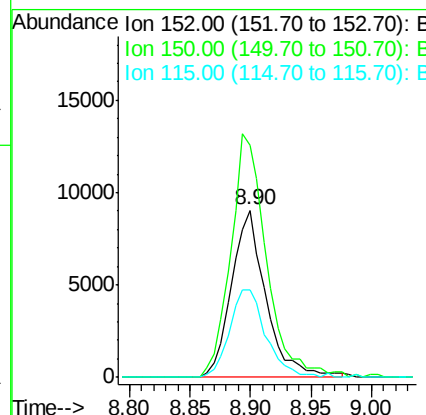
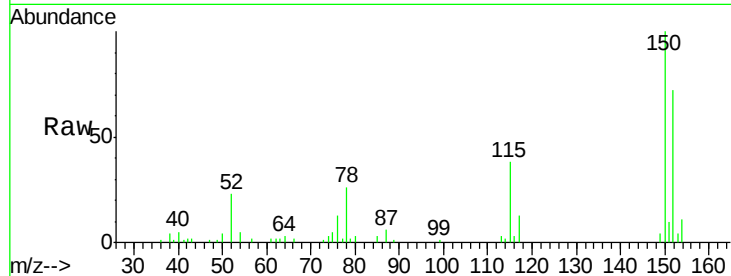


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E01-E01A-F01-F01A

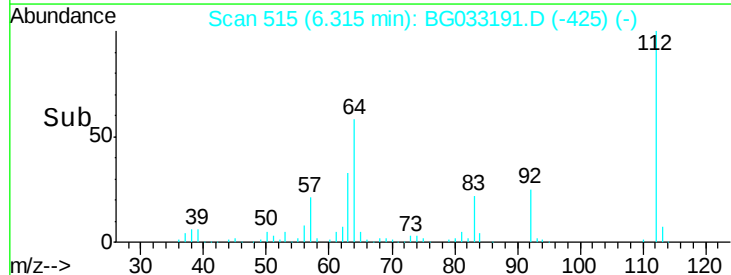
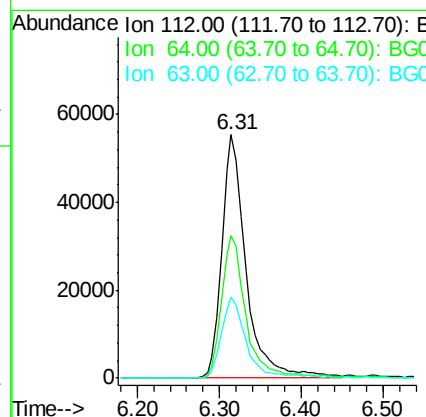
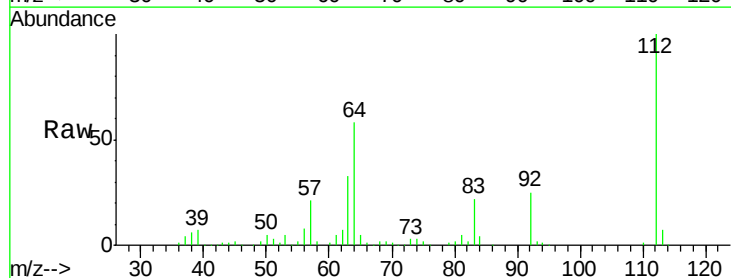
Tot Ion:152 Resp: 17940
Ion Ratio Lower Upper
152 100
150 138.7 126.6 189.8
115 52.0 53.0 79.4#



#5

2-Fluorophenol
Concen: 101.913 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Tgt Ion:112 Resp: 114280
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 33.1 30.1 45.1





#7

Phenol-d6

Concen: 96.898 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E01-E01A-F01-F01A

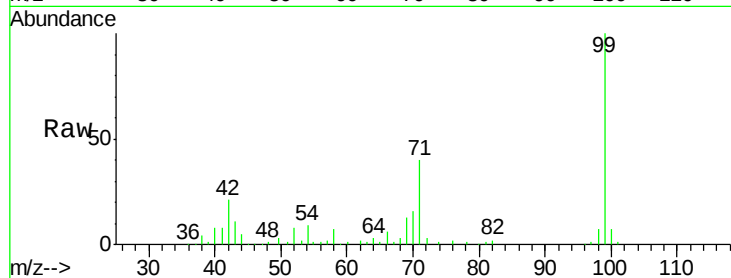
Tot Ion: 99 Resp: 151453

Ion Ratio Lower Upper

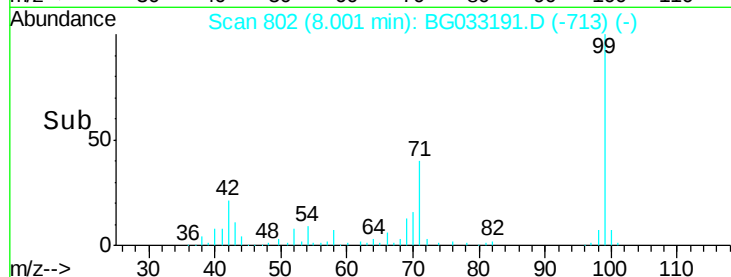
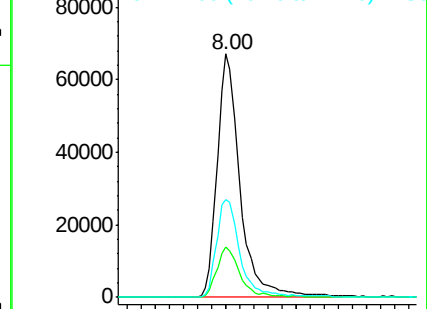
99 100

42 20.7 14.1 21.1

71 40.1 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: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Tgt Ion: 136 Resp: 115853

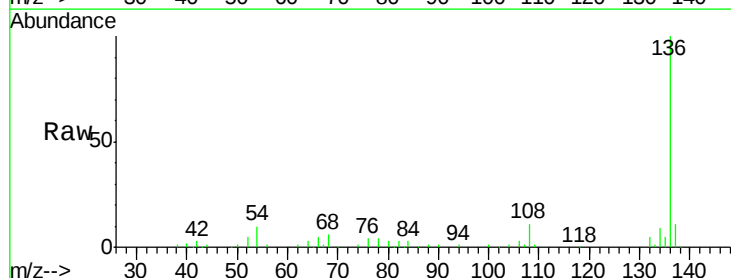
Ion Ratio Lower Upper

136 100

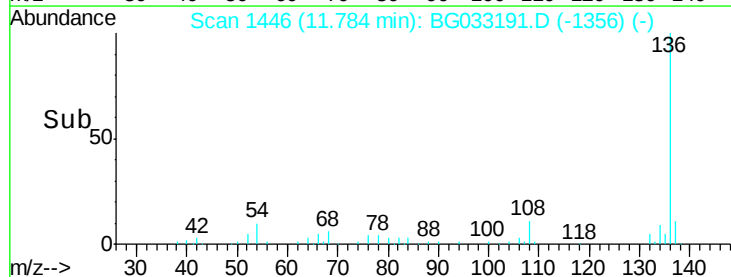
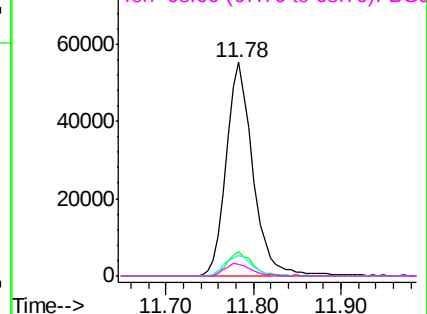
137 11.4 9.2 13.8

54 9.8 10.3 15.5#

68 5.6 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: 77.702 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E01-E01A-F01-F01A

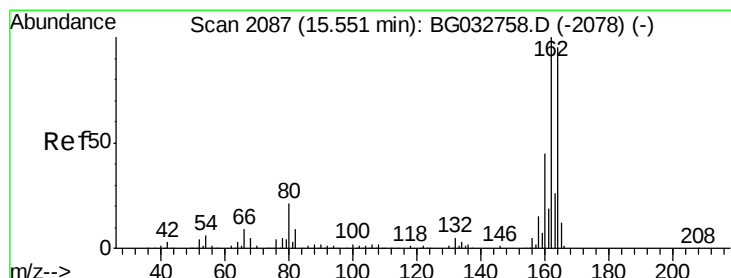
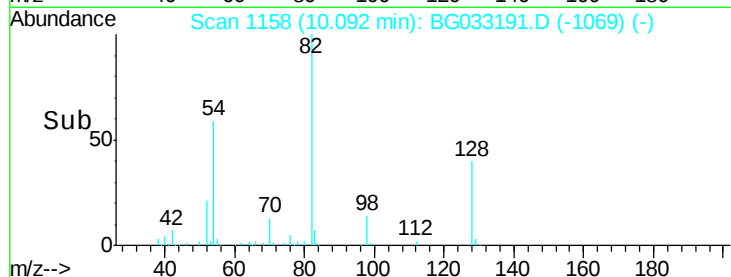
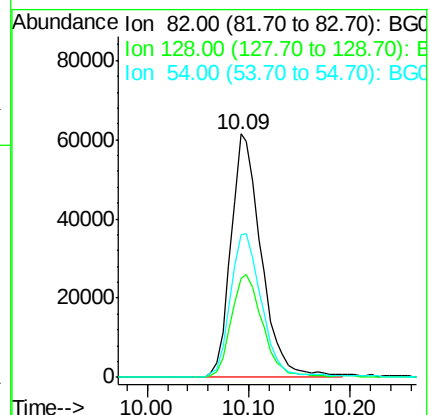
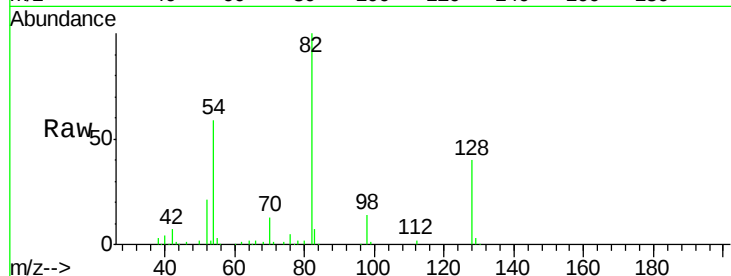
Tot Ion: 82 Resp: 128113

Ion Ratio Lower Upper

82 100

128 40.5 29.7 44.5

54 58.8 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

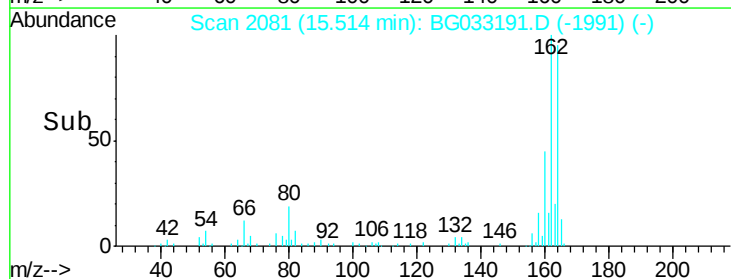
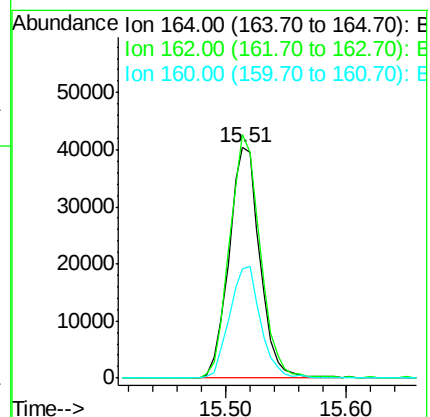
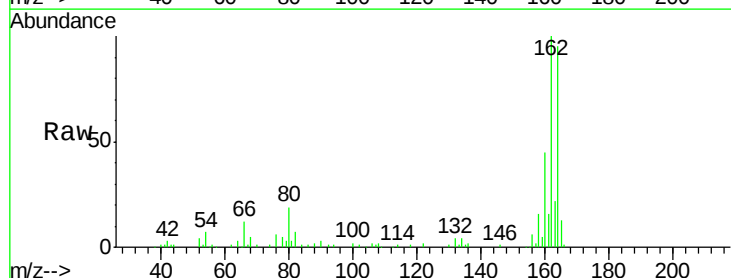
Tgt Ion: 164 Resp: 71632

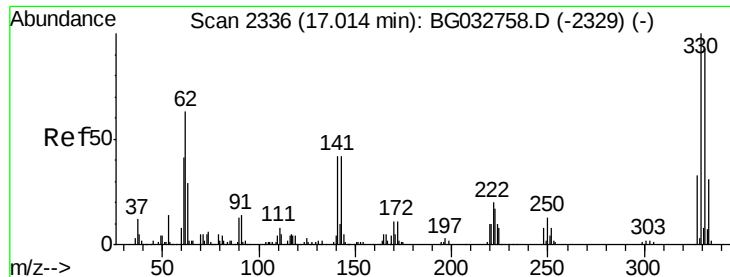
Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

160 47.3 35.4 53.0

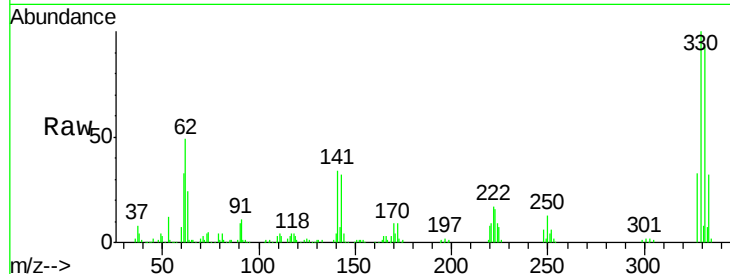




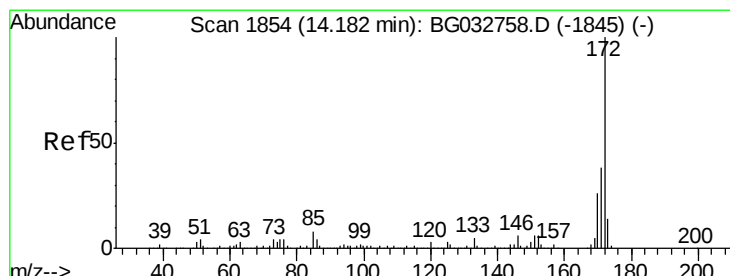
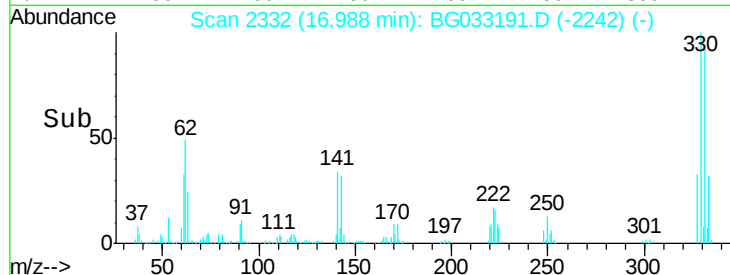
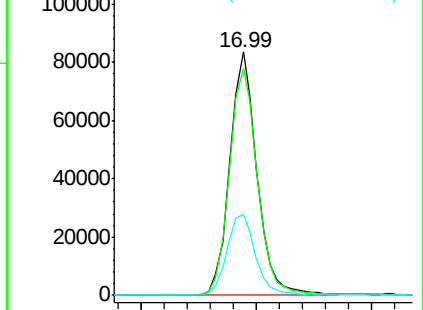
#41
 2,4,6-Tribromophenol
 Concen: 181.230 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E01-E01A-F01-F01A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.1	25.2	37.8

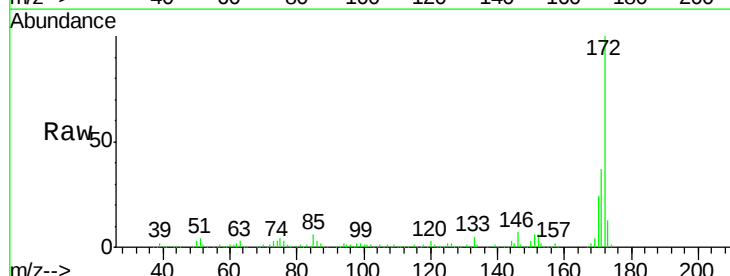


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

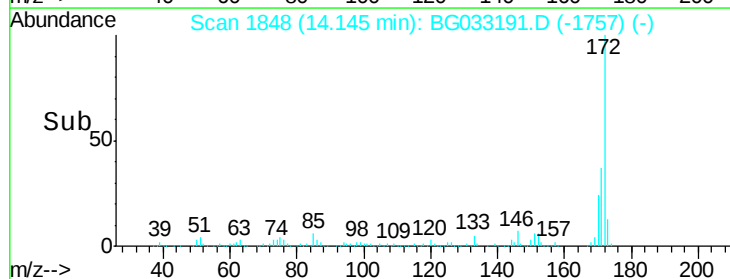
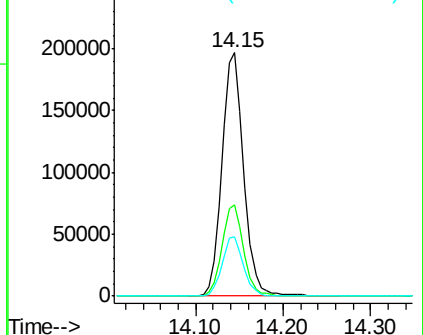


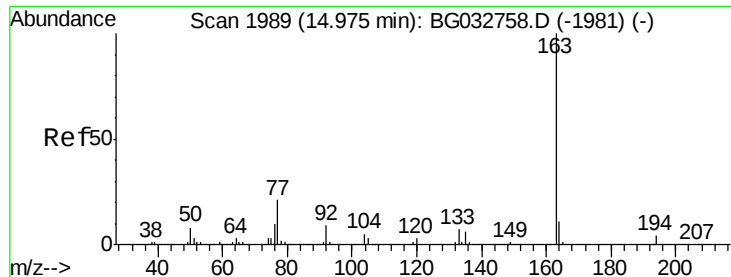
#44
 2-Fluorobiphenyl
 Concen: 67.903 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033191.D
 Acq: 16 Mar 2018 00:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.2	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





#49

Dimethylphthalate

Concen: 8.268 ng

RT: 14.94 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E01-E01A-F01-F01A

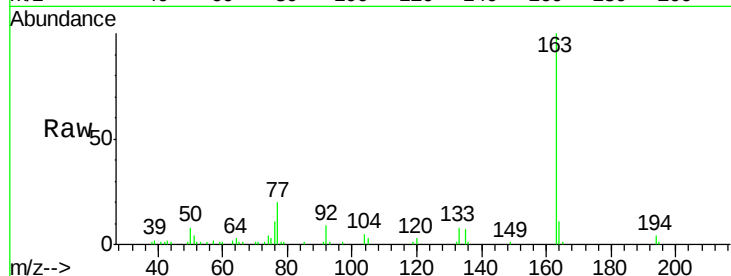
Tot Ion:163 Resp: 50287

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

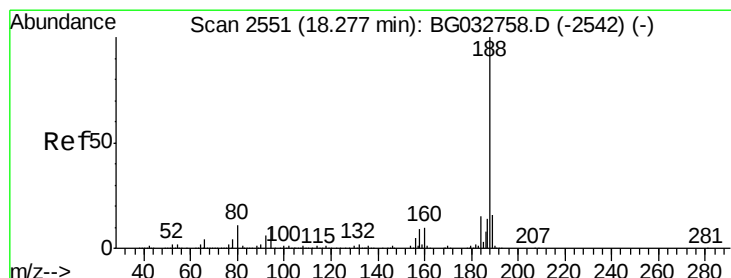
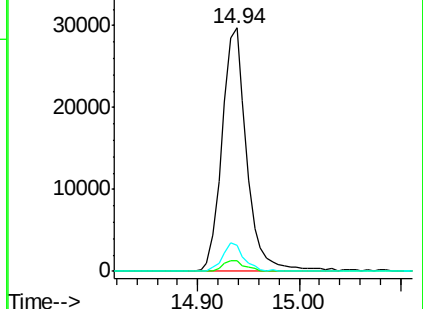
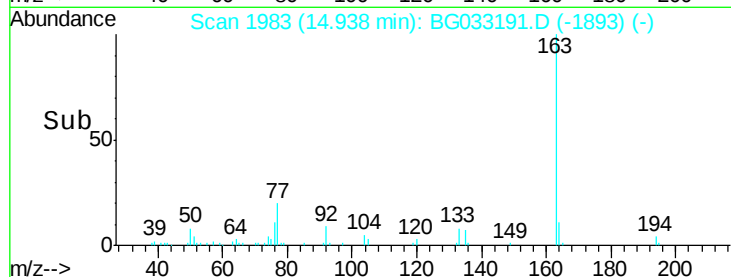
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

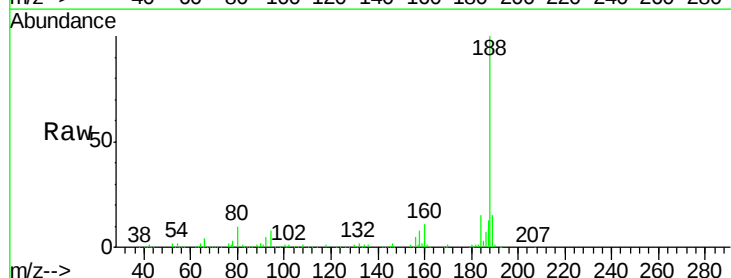
Tgt Ion:188 Resp: 197403

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

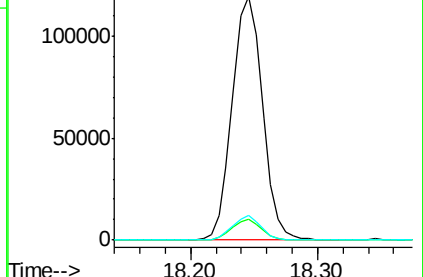
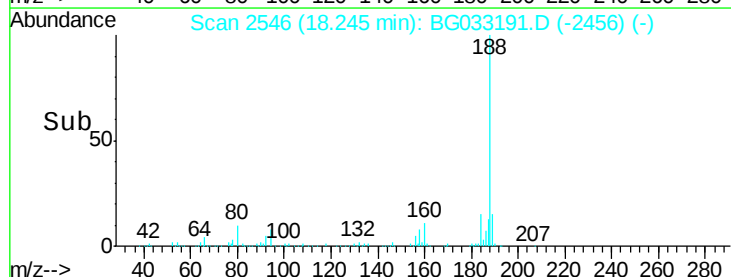
80 10.0 7.7 11.5

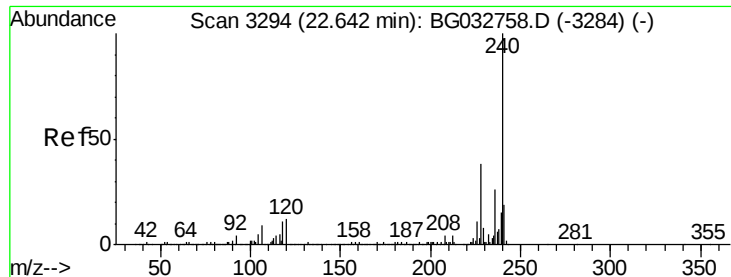


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

Instrument :

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ClientSampleId :

FK-BPM-01-E01-E01A-F01-F01A

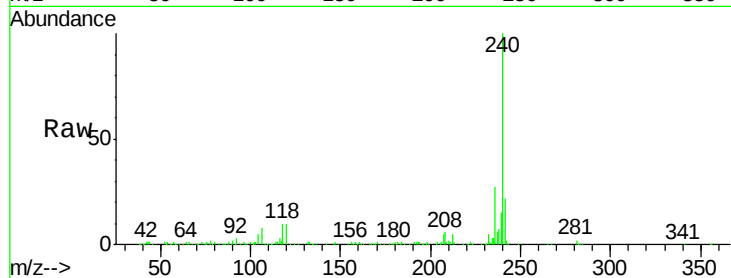
Tot Ion:240 Resp: 212544

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2#

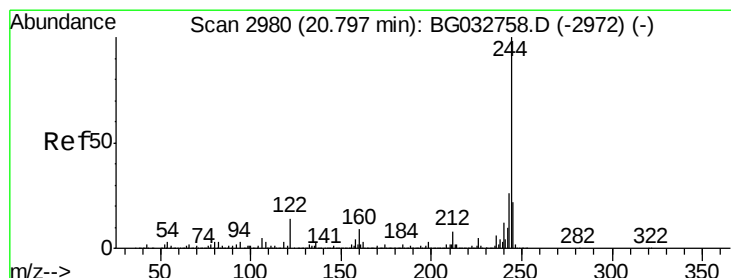
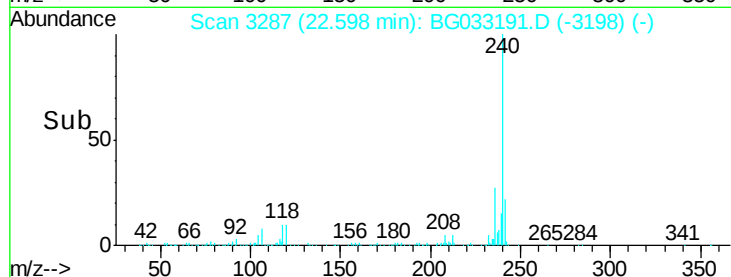
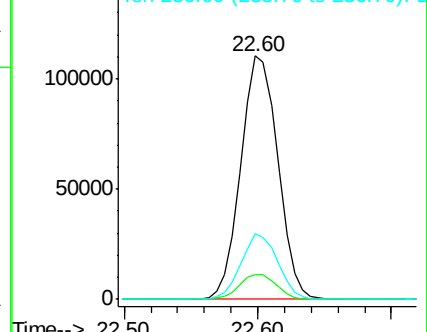
236 27.1 20.9 31.3



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: 72.770 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033191.D

Acq: 16 Mar 2018 00:10

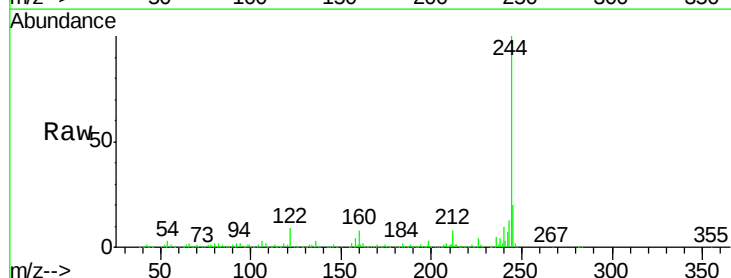
Tgt Ion:244 Resp: 688411

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

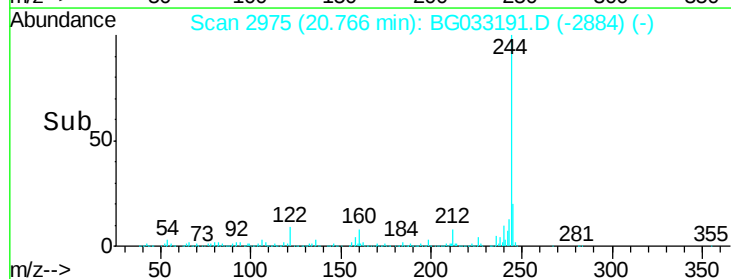
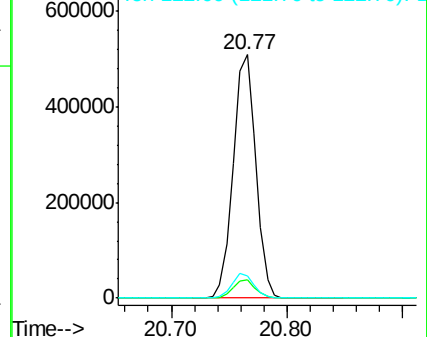
122 9.3 7.0 10.4

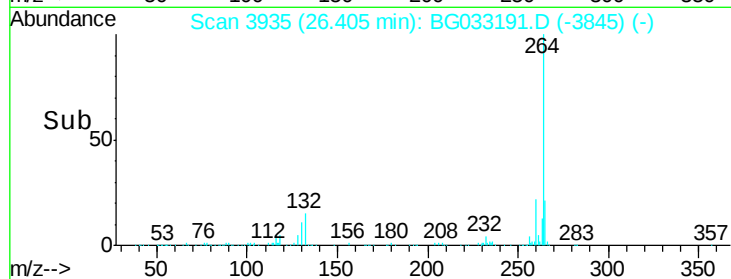
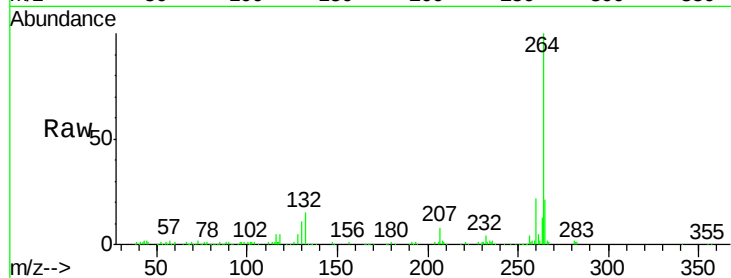
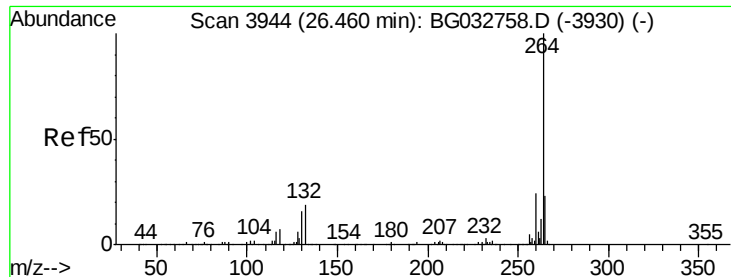


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.41 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033191.D
Acq: 16 Mar 2018 00:10

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E01-E01A-F01-F01A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	20.8	17.7	26.5

