

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033648.D
 Acq On : 7 Apr 2018 3:39
 Operator : SJ/JU
 Sample : J2248-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11944

Quant Time: Apr 07 04:57:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

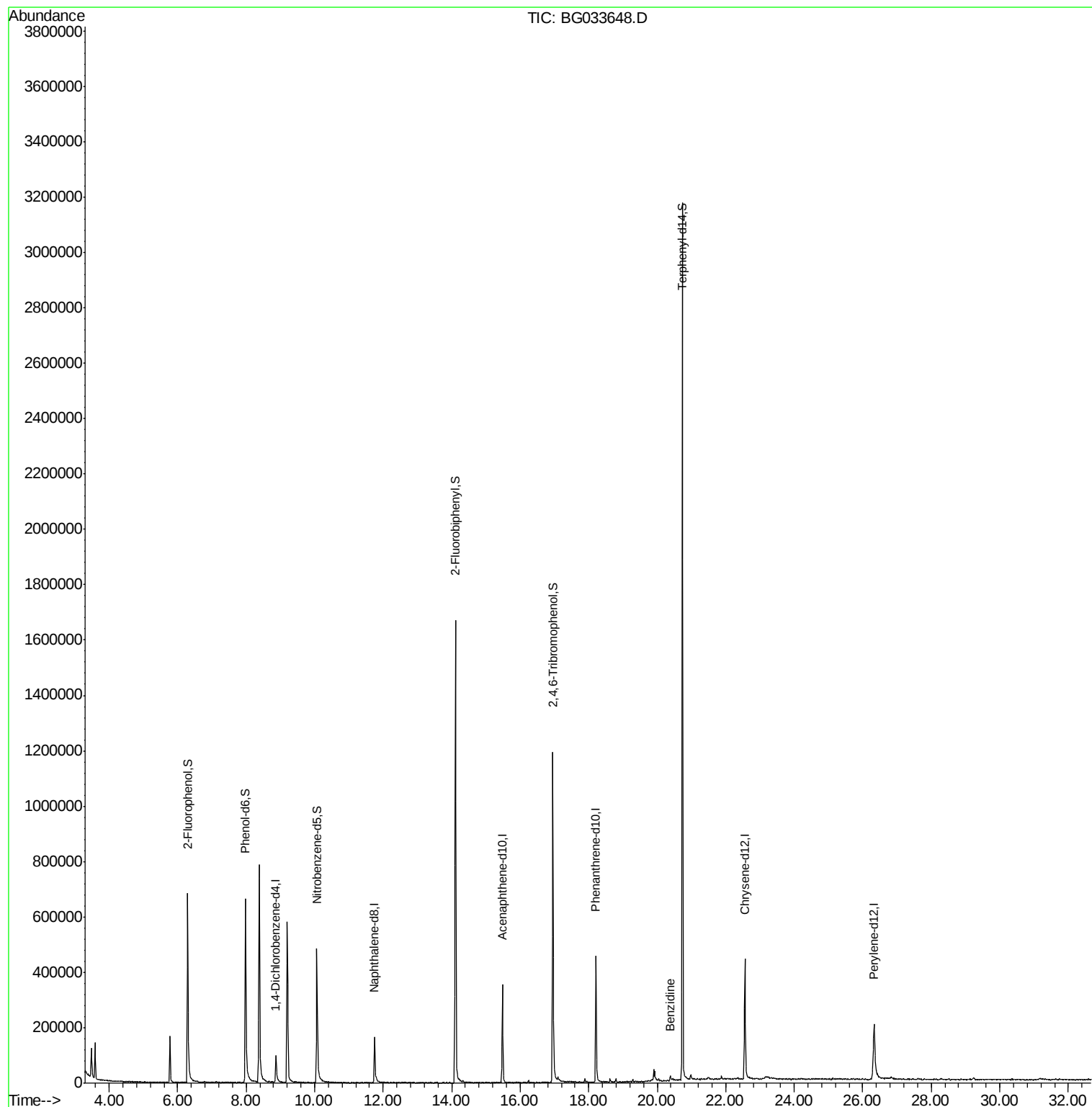
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36387	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	169809	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133223	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	326010	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330232	20.00	ng	0.00
86) Perylene-d12	26.33	264	324084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	331092	170.62	ng	0.00
7) Phenol-d6	7.98	99	448319	134.46	ng	0.00
23) Nitrobenzene-d5	10.07	82	377962	102.26	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	239829	120.37	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	934955	101.31	ng	0.00
78) Terphenyl-d14	20.73	244	1620577	104.95	ng	0.00
Target Compounds						
76) Benzidine	20.38	184	18630	2.080	ng	Qvalue 97

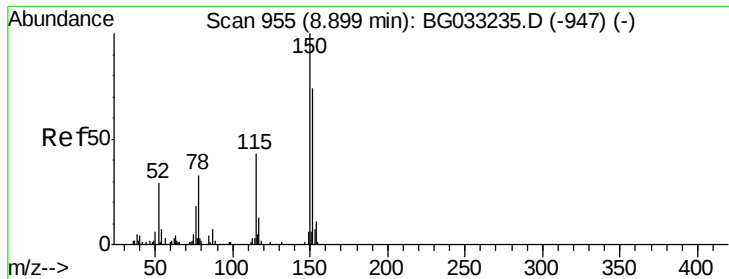
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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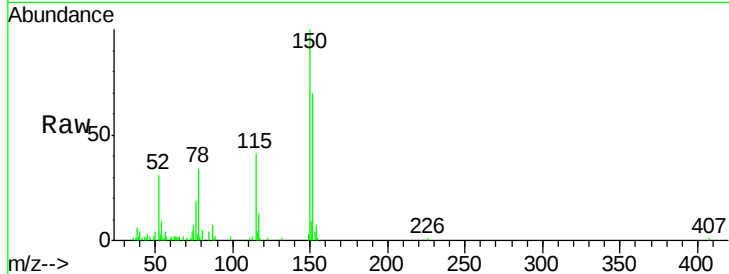


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Instrument :
BNA_G
ClientSampleId :
11944

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.0	126.6	189.8
115	58.7	53.0	79.4

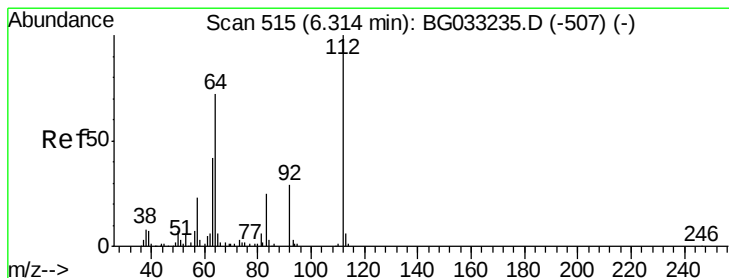
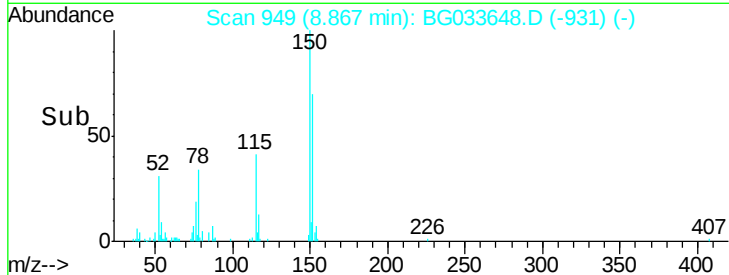
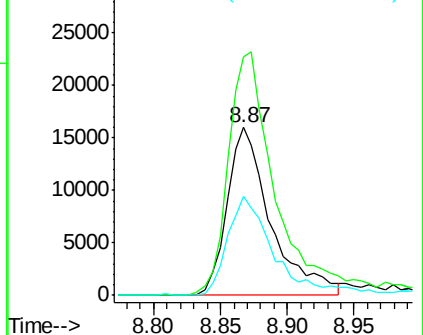


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

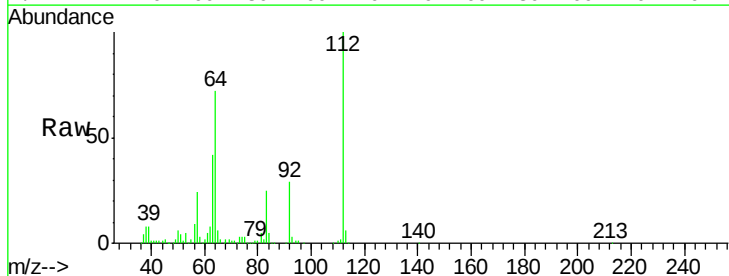
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 170.621 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033648.D
Acq: 7 Apr 2018 3:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.3	84.5
63	42.3	30.1	45.1

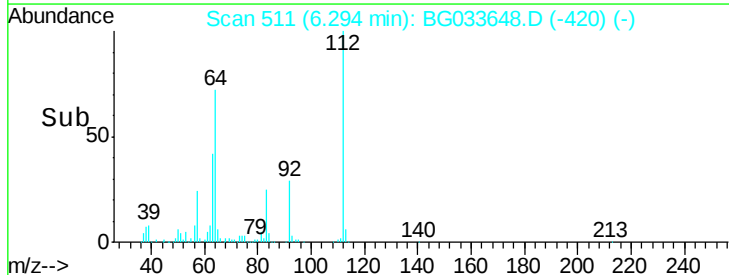
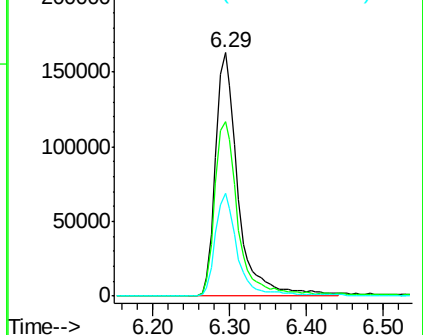


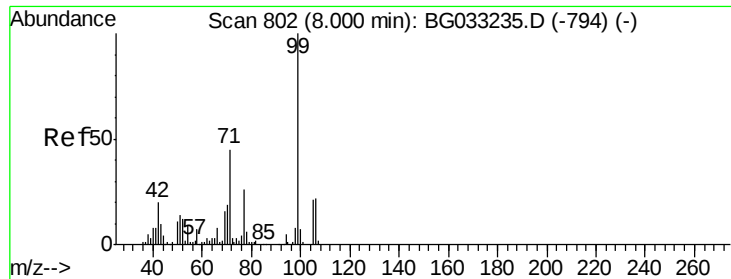
Abundance

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: 134.461 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

BNA_G

ClientSampleId :

11944

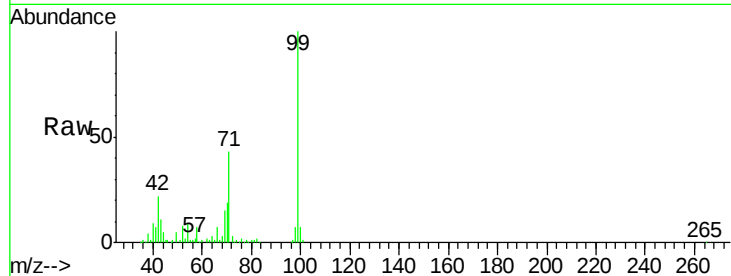
Tot Ion: 99 Resp: 448319

Ion Ratio Lower Upper

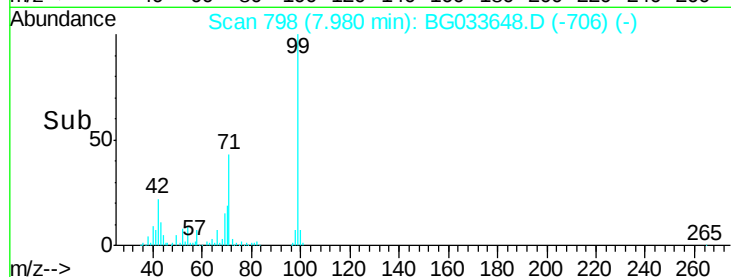
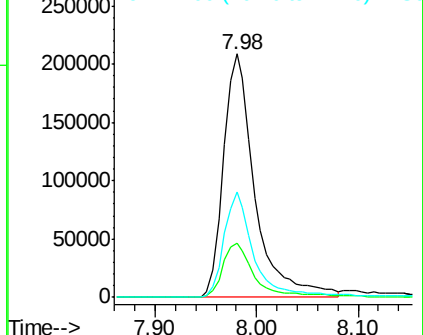
99 100

42 22.0 14.1 21.1#

71 43.1 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# 1439

Delta R.T. 0.00 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Tgt Ion: 136 Resp: 169809

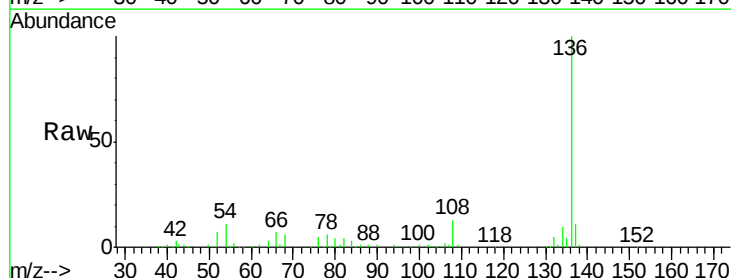
Ion Ratio Lower Upper

136 100

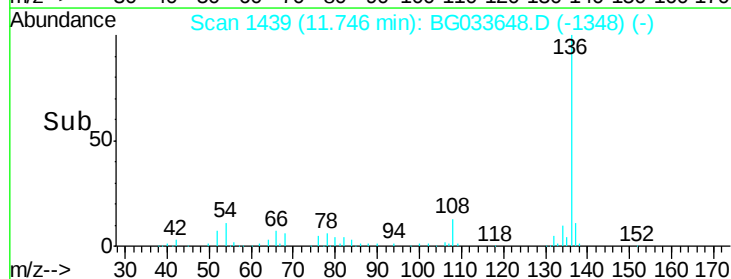
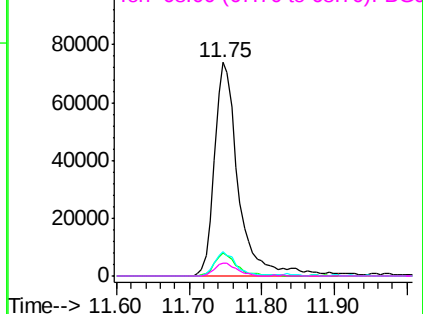
137 10.7 9.2 13.8

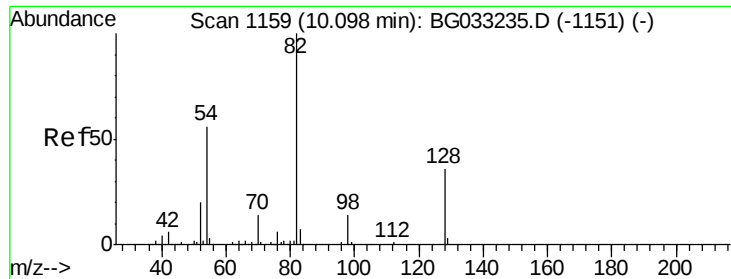
54 11.2 10.3 15.5

68 6.1 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

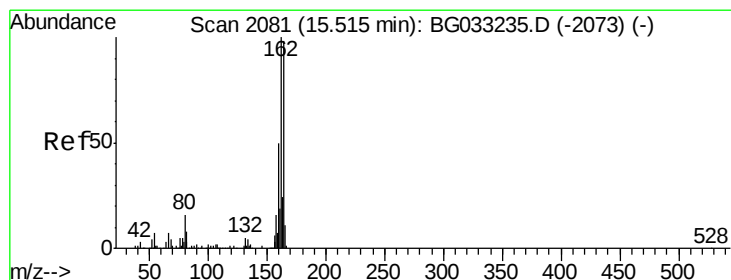
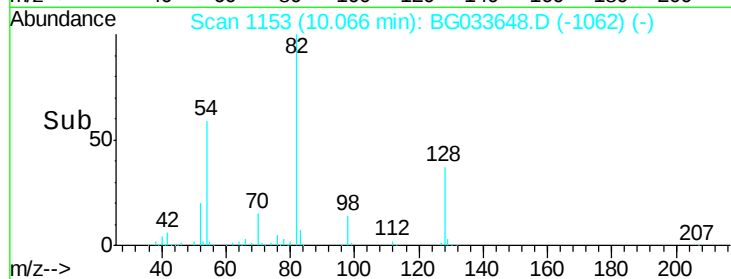
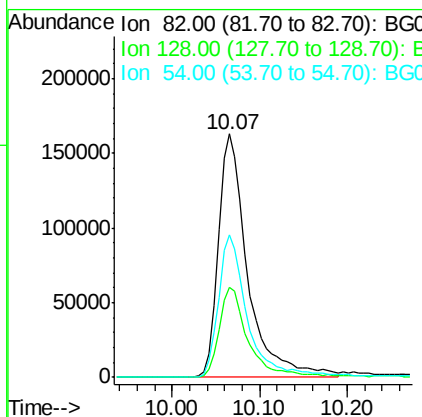
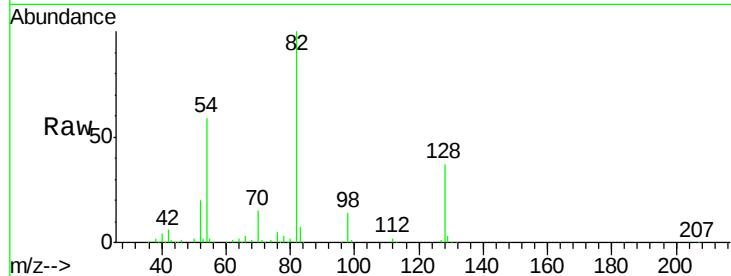




#23
 Nitrobenzene-d5
 Concen: 102.263 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

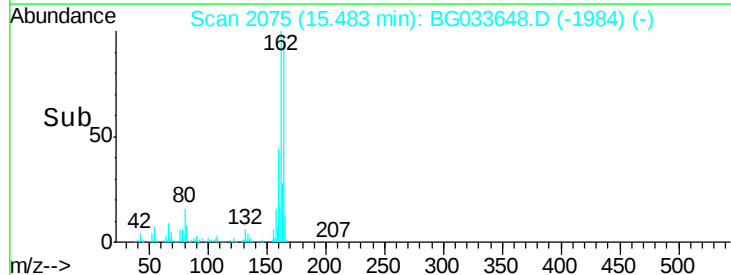
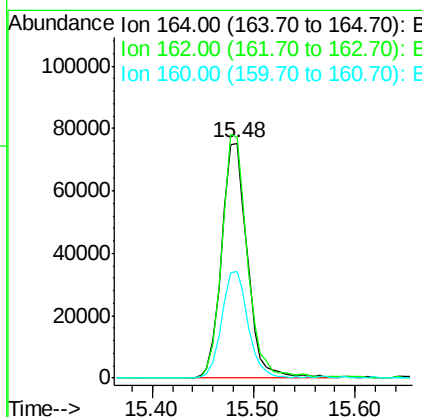
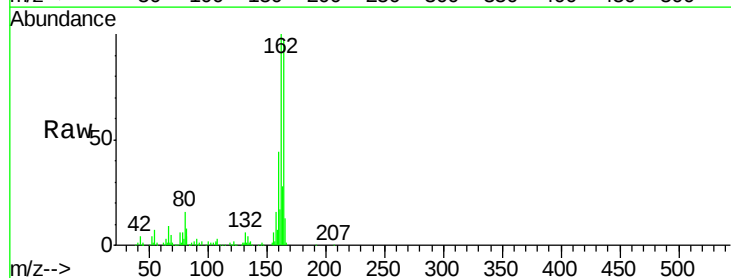
Instrument :
 BNA_G
 ClientSampled :
 11944

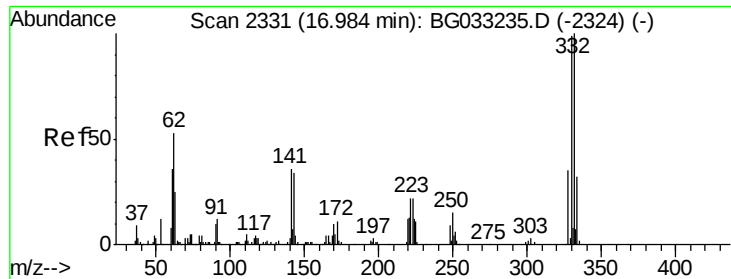
Tot Ion: 82 Resp: 377962
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.7 44.5
 54 58.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

Tgt Ion: 164 Resp: 133223
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 45.5 35.4 53.0

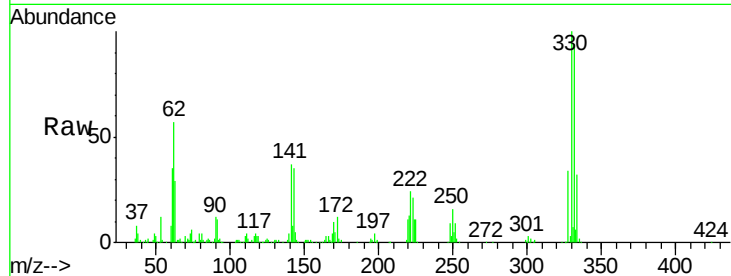




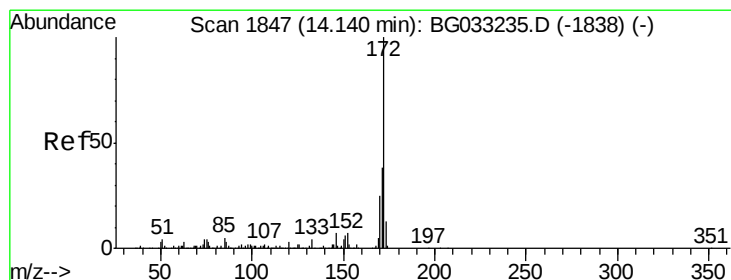
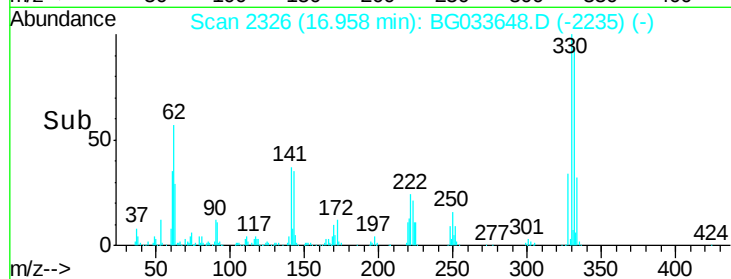
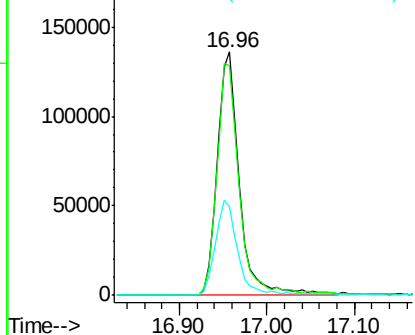
#41
 2,4,6-Tribromophenol
 Concen: 120.366 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

Instrument :
 BNA_G
 ClientSampleId :
 11944

Tot Ion:330 Resp: 239829
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 39.2 25.2 37.8#

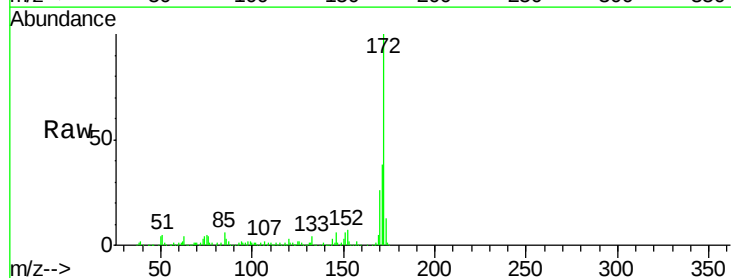


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

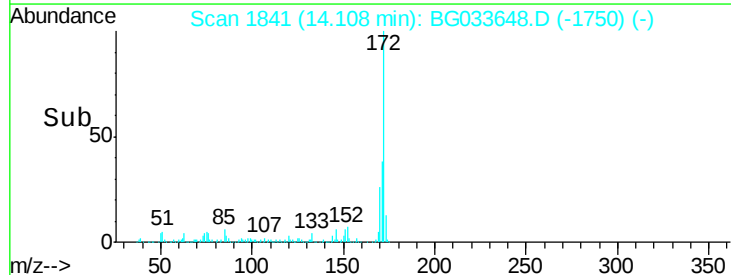
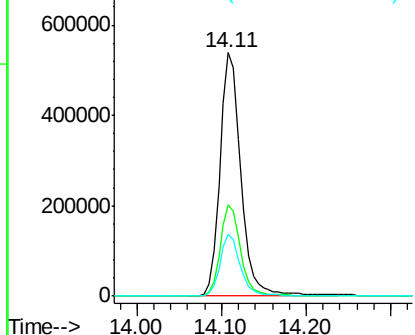


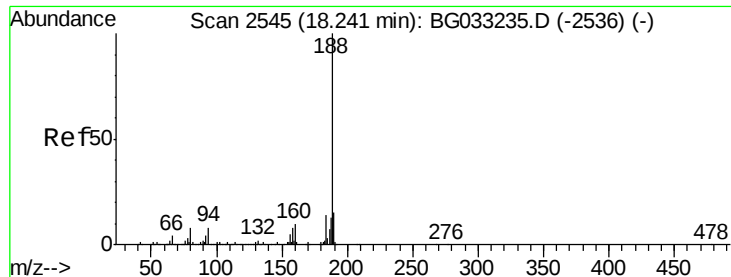
#44
 2-Fluorobiphenyl
 Concen: 101.314 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033648.D
 Acq: 7 Apr 2018 3:39

Tgt Ion:172 Resp: 934955
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 25.6 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# 2539

Delta R.T. -0.00 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

BNA_G

ClientSampleId :

11944

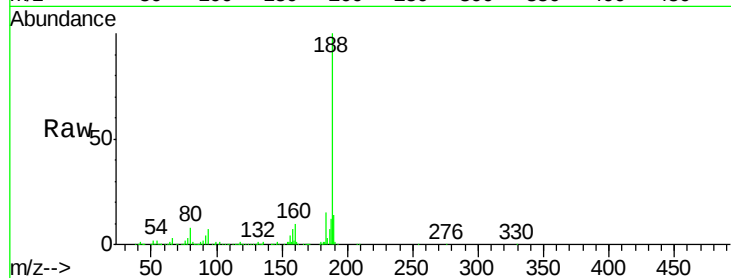
Tot Ion:188 Resp: 326010

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

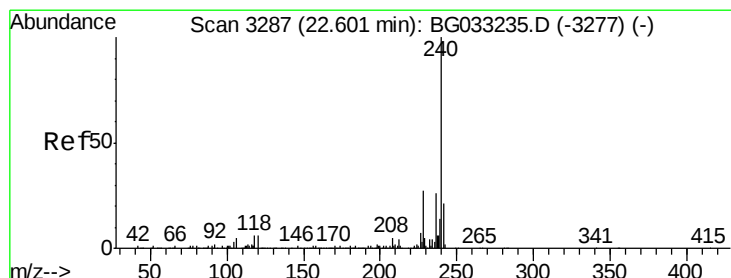
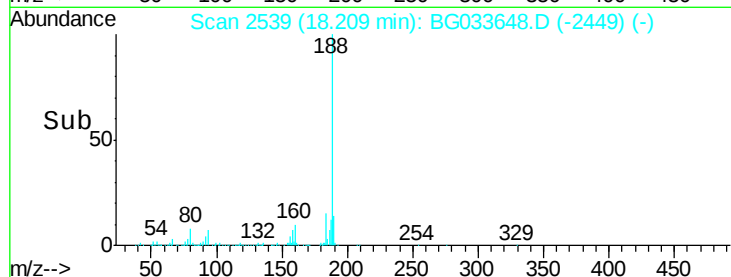
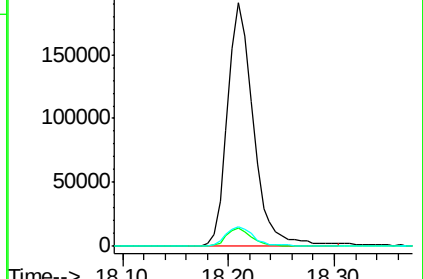
80 8.0 7.7 11.5



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: 22.56 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

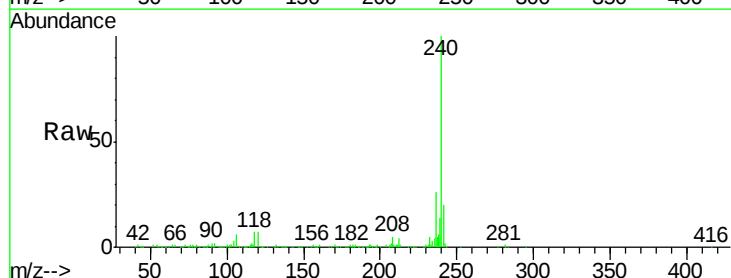
Tgt Ion:240 Resp: 330232

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

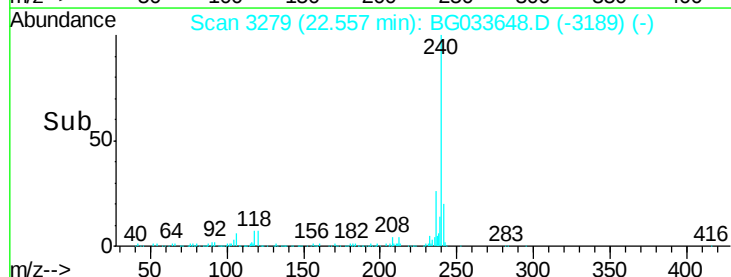
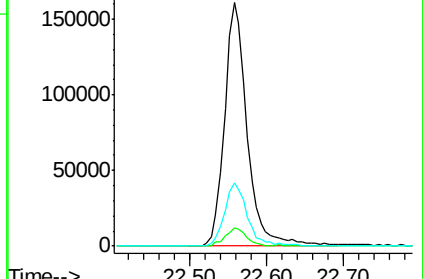
236 25.9 20.9 31.3

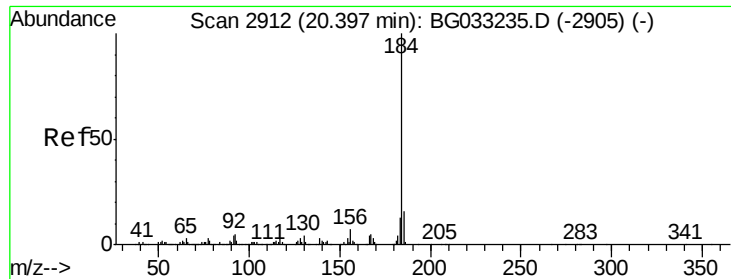


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.080 ng

RT: 20.38 min Scan# 2909

Delta R.T. 0.02 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

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ClientSampleId :

11944

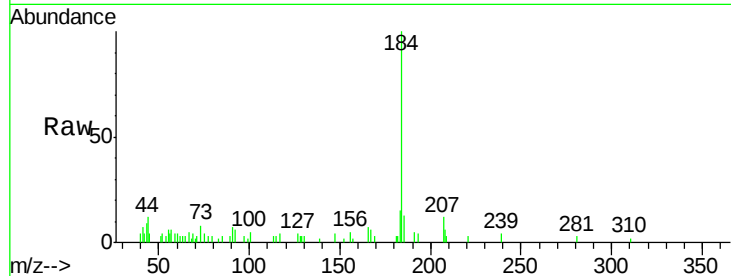
Tot Ion:184 Resp: 18630

Ion Ratio Lower Upper

184 100

185 13.2 11.1 16.7

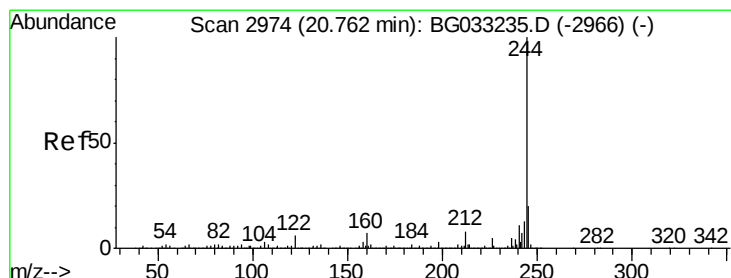
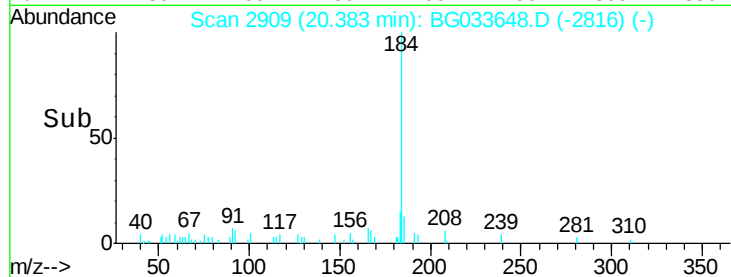
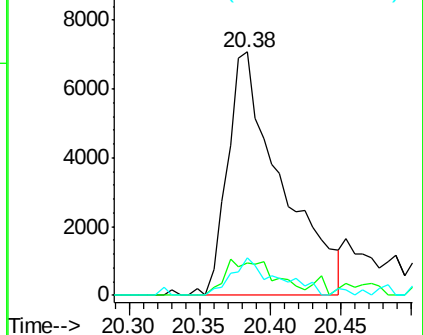
183 15.4 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 104.950 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033648.D

Acq: 7 Apr 2018 3:39

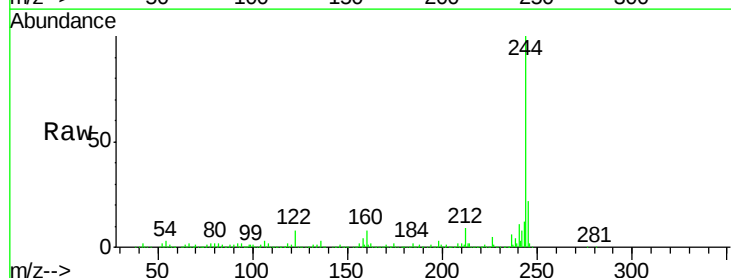
Tgt Ion:244 Resp: 1620577

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

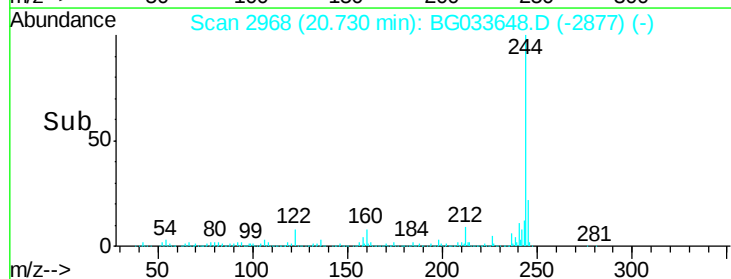
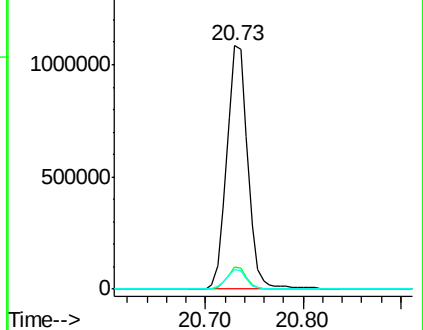
122 8.1 7.0 10.4

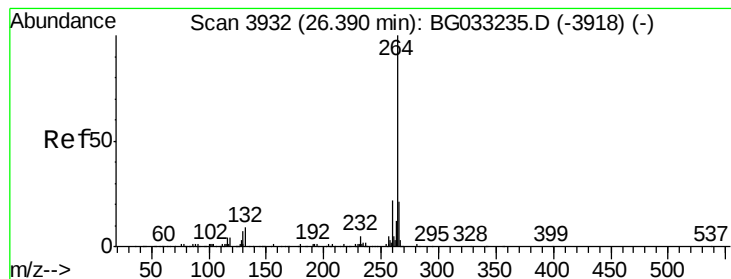


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033648.D

Acq: 7 Apr 2018 3:39

Instrument :

BNA_G

ClientSampleId :

11944

Tot Ion:264 Resp: 324084

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 23.6 17.7 26.5

