

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033798.D
 Acq On : 13 Apr 2018 16:11
 Operator : SJ/JU
 Sample : J2163-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-A

Quant Time: Apr 14 01:19:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

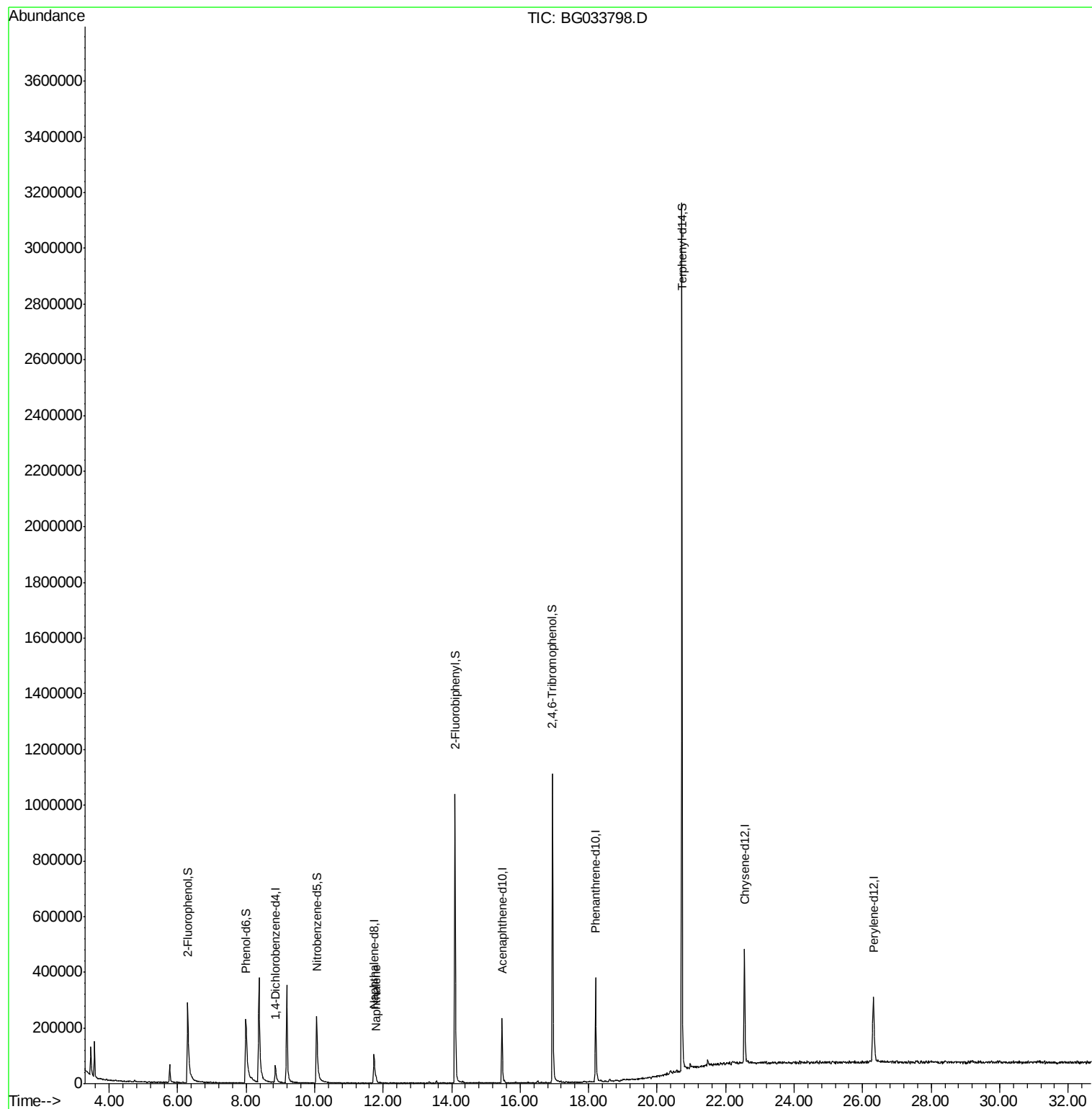
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	26330	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	108765	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	87534	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	268048	20.00	ng	0.00
75) Chrysene-d12	22.55	240	302958	20.00	ng	0.00
86) Perylene-d12	26.32	264	320415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	216335	154.07	ng	0.00
7) Phenol-d6	7.99	99	273253	113.26	ng	0.02
23) Nitrobenzene-d5	10.06	82	253452	107.06	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	223767	170.92	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	612304	100.98	ng	0.00
78) Terphenyl-d14	20.72	244	1520455	107.33	ng	0.00
Target Compounds						
31) Naphthalene	11.79	128	20066	3.560	ng	Qvalue # 92

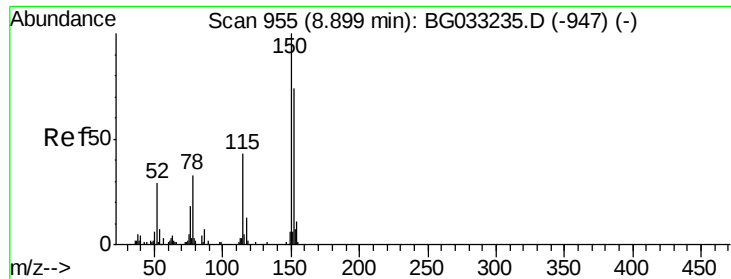
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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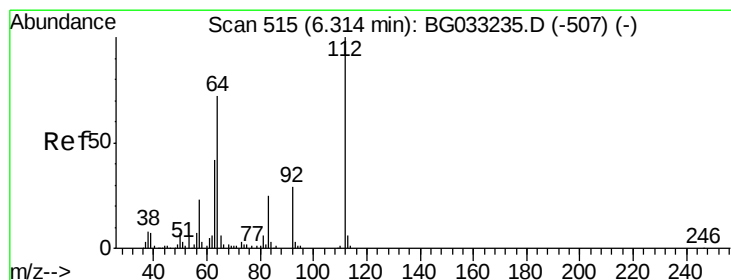
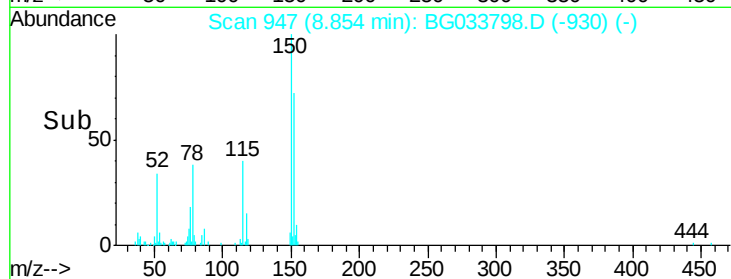
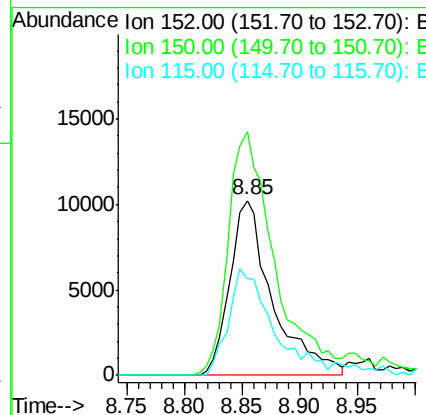
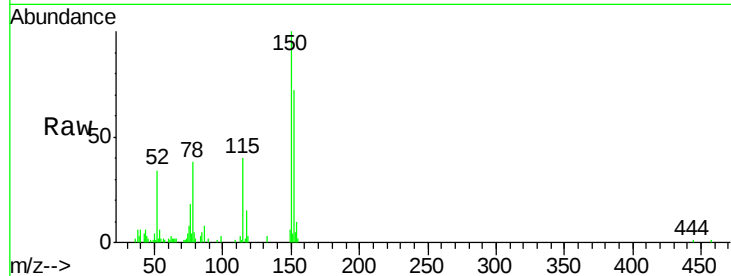


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-A

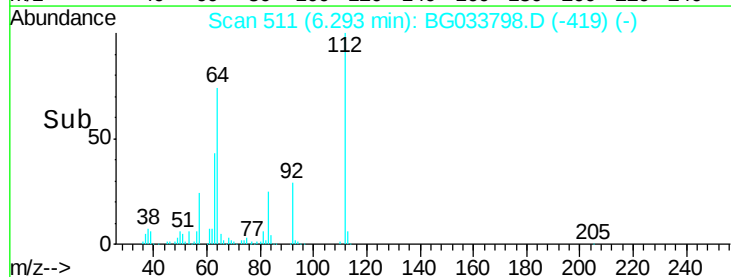
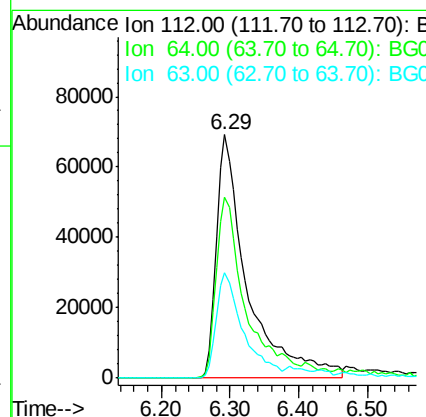
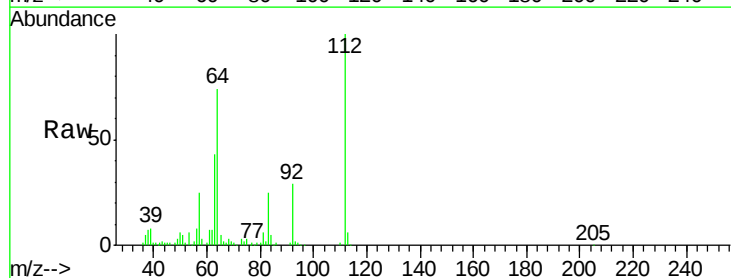
Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	126.6	189.8
115	55.1	53.0	79.4

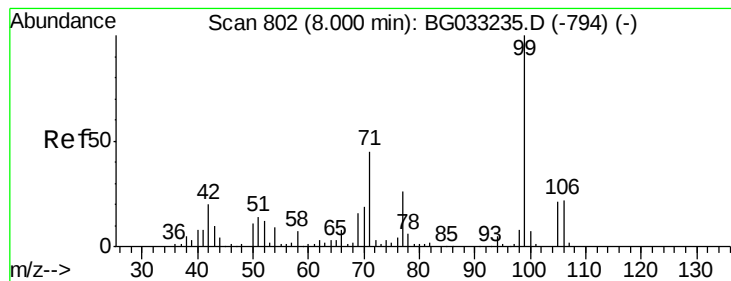


#5

2-Fluorophenol
Concen: 154.065 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033798.D
Acq: 13 Apr 2018 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	56.3	84.5
63	43.5	30.1	45.1





#7

Phenol-d6

Concen: 113.258 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033798.D

Acq: 13 Apr 2018 16:11

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-A

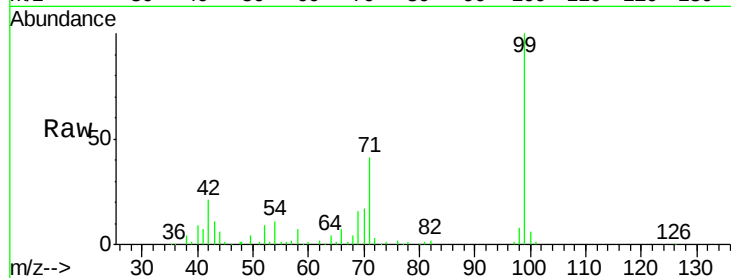
Tot Ion: 99 Resp: 273253

Ion Ratio Lower Upper

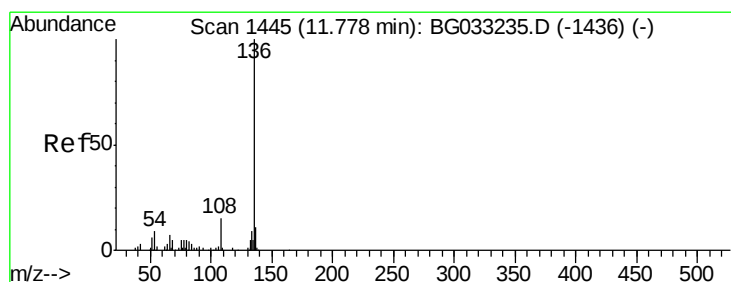
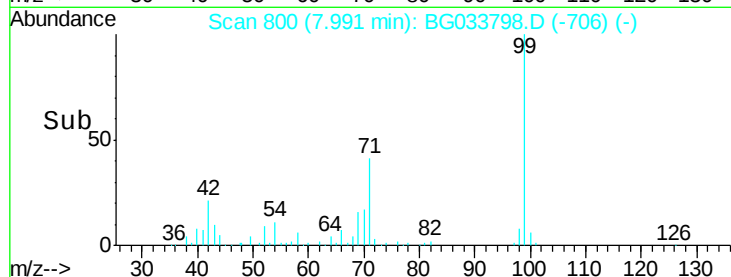
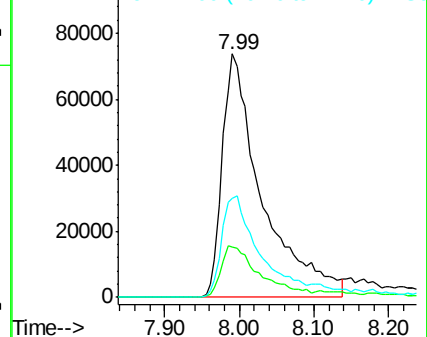
99 100

42 20.8 14.1 21.1

71 40.8 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: 11.73 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG033798.D

Acq: 13 Apr 2018 16:11

Tgt Ion: 136 Resp: 108765

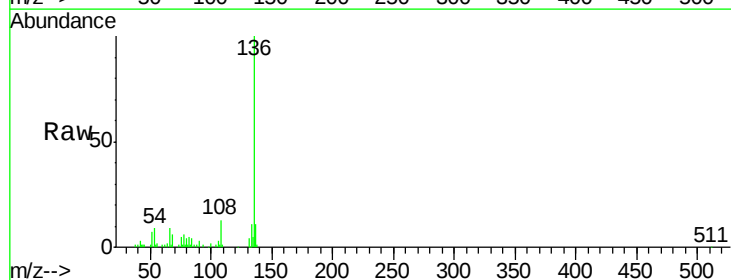
Ion Ratio Lower Upper

136 100

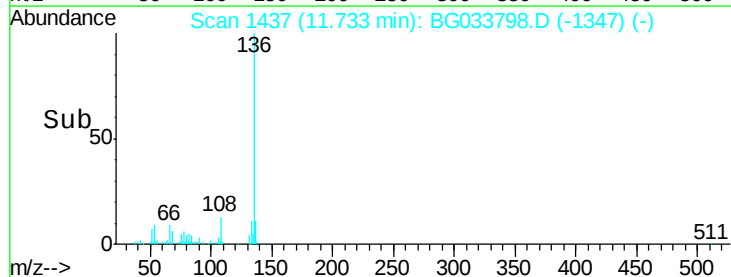
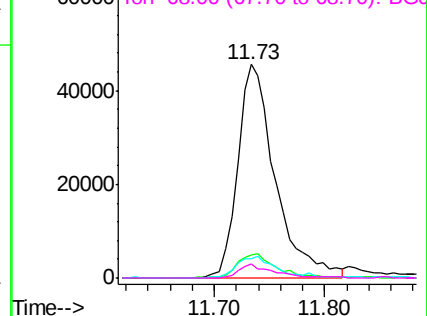
137 11.0 9.2 13.8

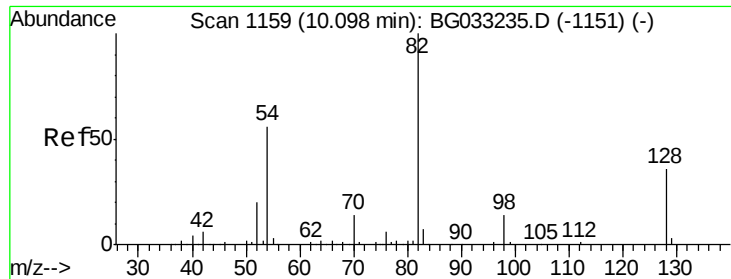
54 9.1 10.3 15.5#

68 6.3 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

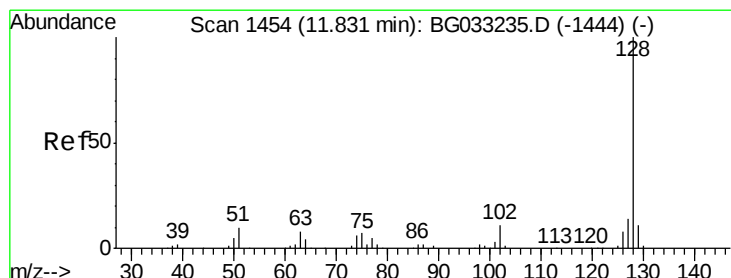
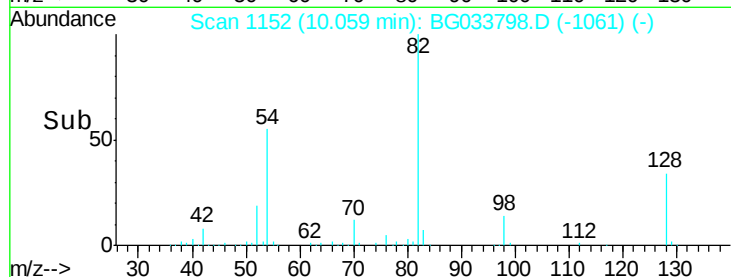
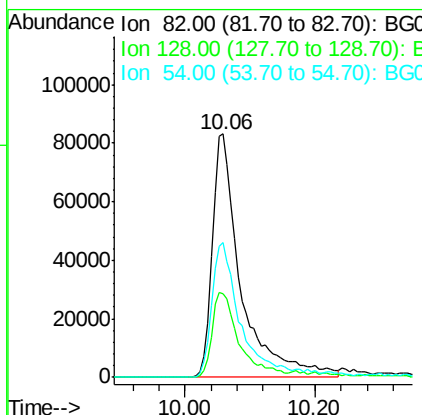
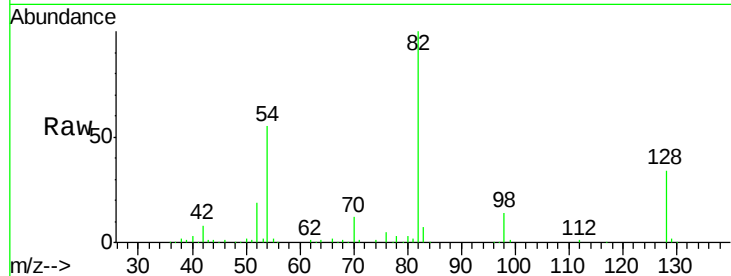




#23
 Nitrobenzene-d5
 Concen: 107.062 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033798.D
 Acq: 13 Apr 2018 16:11

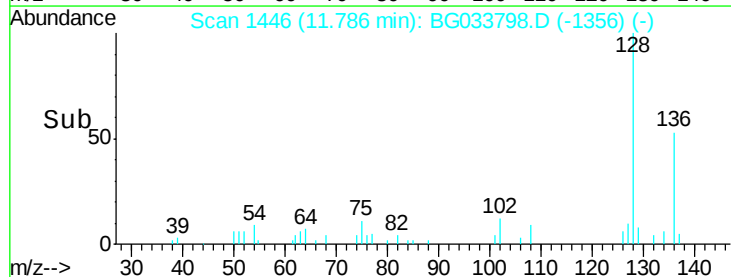
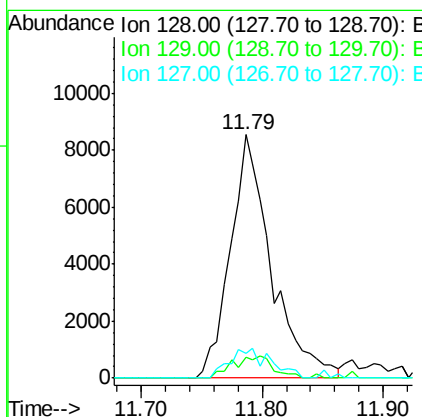
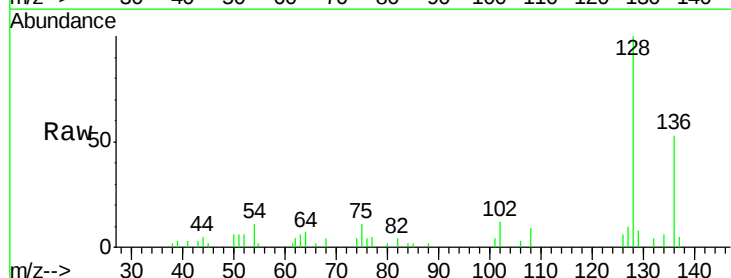
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-A

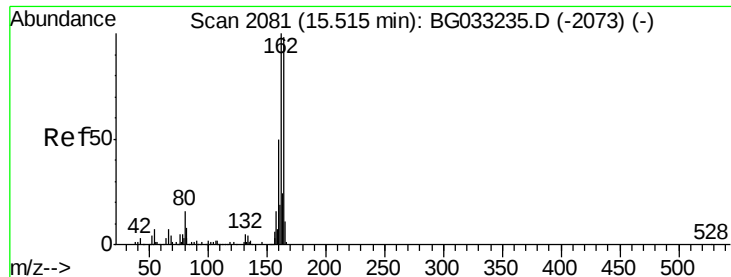
Tot Ion: 82 Resp: 253452
 Ion Ratio Lower Upper
 82 100
 128 34.4 29.7 44.5
 54 55.3 43.1 64.7



#31
 Naphthalene
 Concen: 3.560 ng
 RT: 11.79 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BG033798.D
 Acq: 13 Apr 2018 16:11

Tgt Ion: 128 Resp: 20066
 Ion Ratio Lower Upper
 128 100
 129 8.4 8.6 12.8#
 127 10.3 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033798.D

Acq: 13 Apr 2018 16:11

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-A

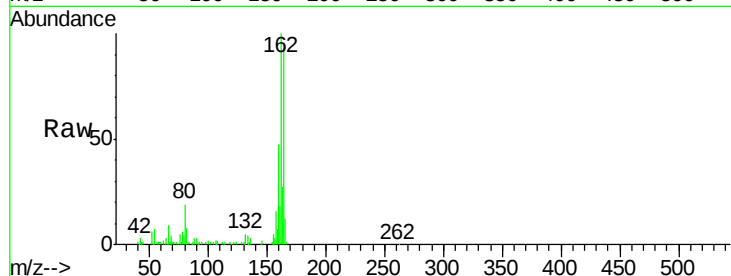
Tot Ion:164 Resp: 87534

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

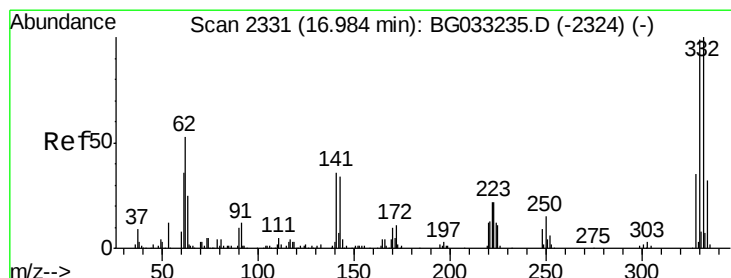
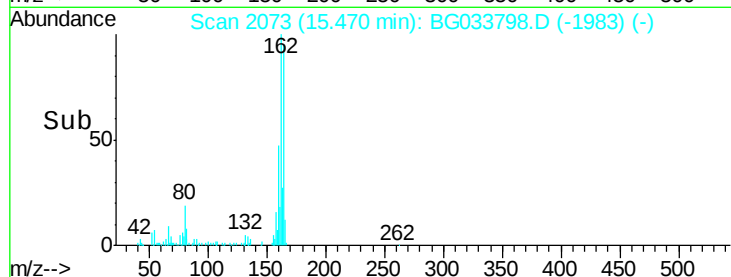
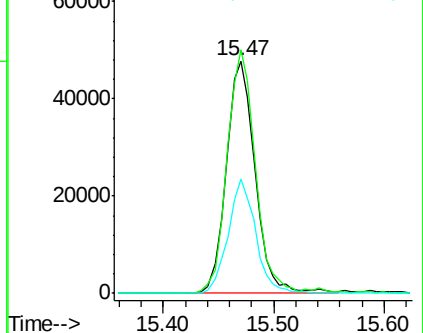
160 49.3 35.4 53.0



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: 170.922 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033798.D

Acq: 13 Apr 2018 16:11

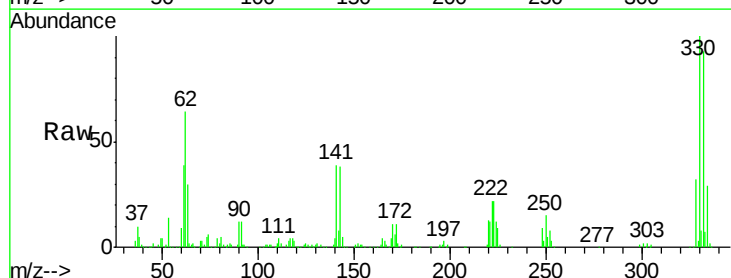
Tgt Ion:330 Resp: 223767

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

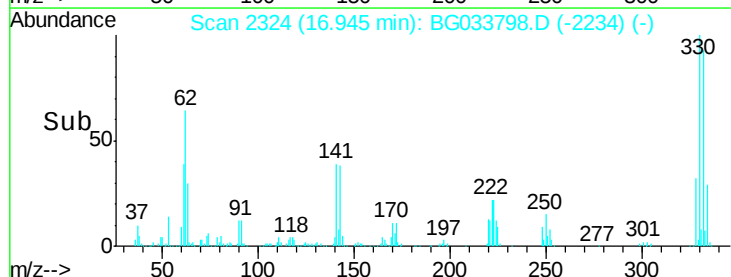
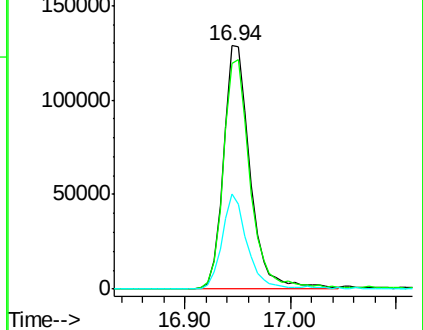
141 37.6 25.2 37.8

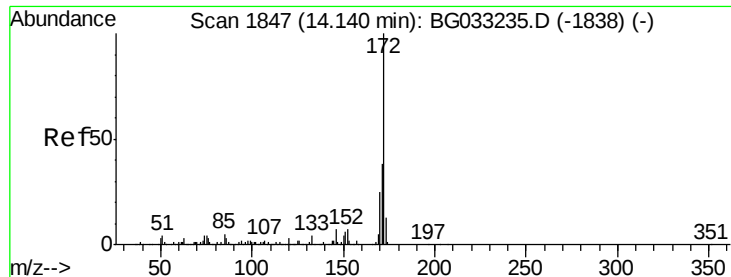


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

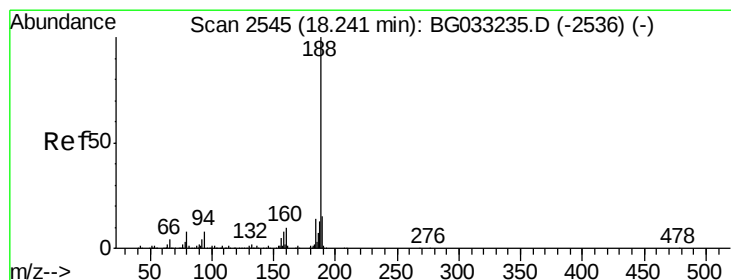
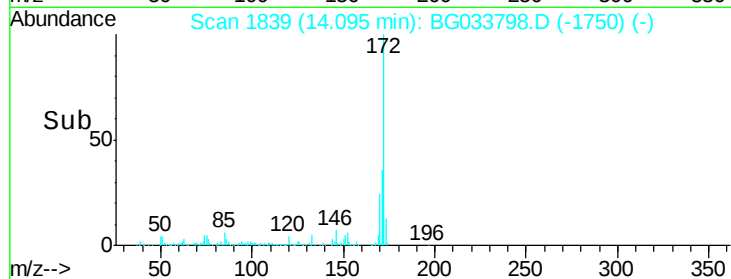
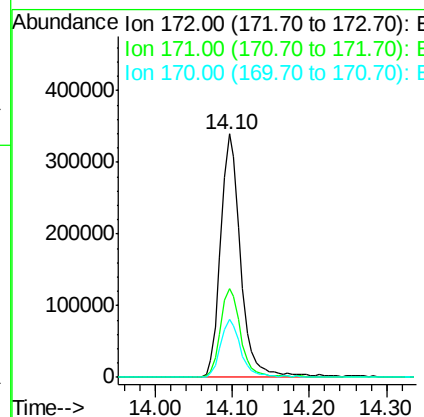
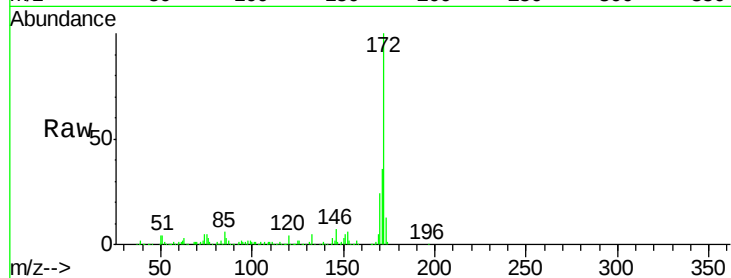




#44
 2-Fluorobiphenyl
 Concen: 100.983 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033798.D
 Acq: 13 Apr 2018 16:11

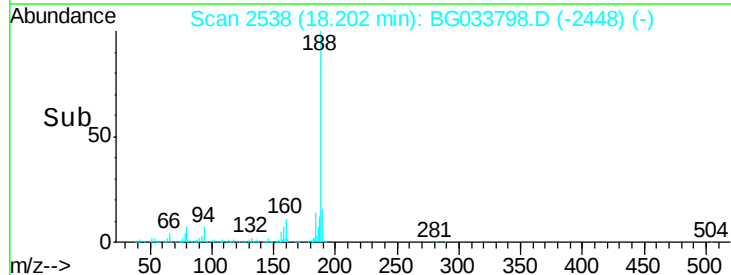
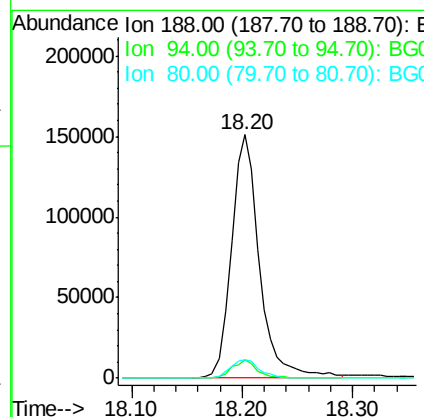
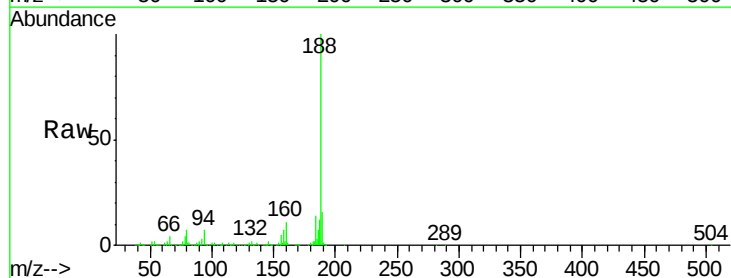
Instrument :
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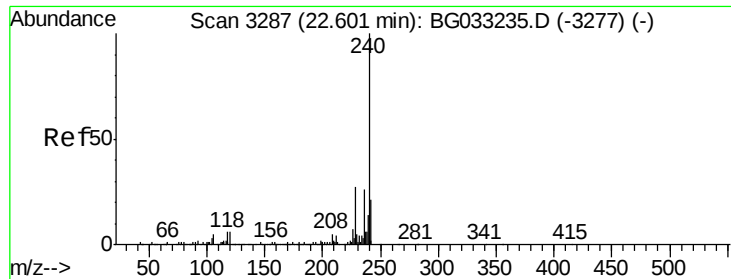
Tot Ion:172 Resp: 612304
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033798.D
 Acq: 13 Apr 2018 16:11

Tgt Ion:188 Resp: 268048
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 7.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033798.D

Acq: 13 Apr 2018 16:11

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-A

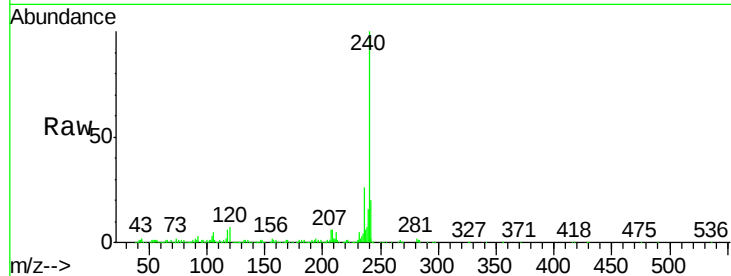
Tot Ion:240 Resp: 302958

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

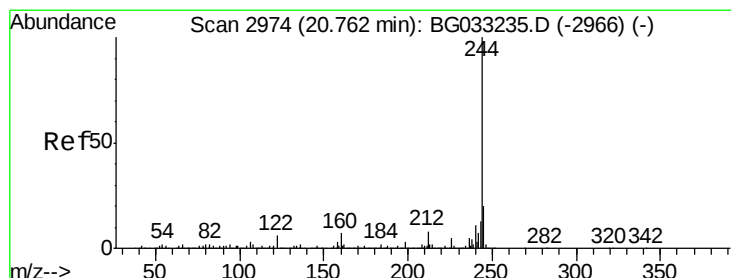
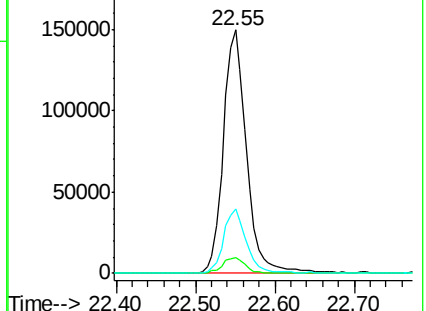
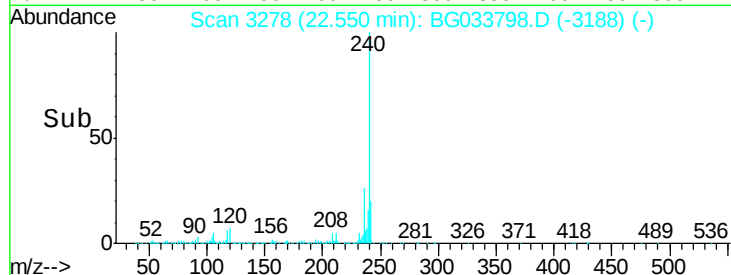
236 26.3 20.9 31.3



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: 107.330 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033798.D

Acq: 13 Apr 2018 16:11

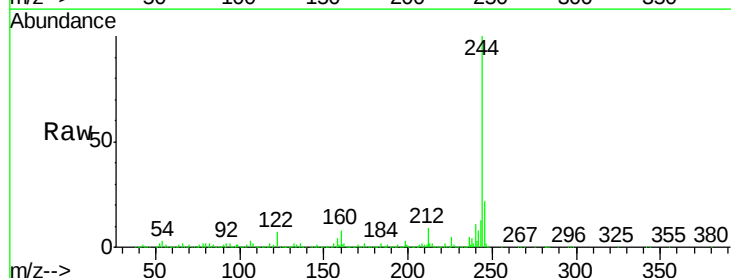
Tgt Ion:244 Resp: 1520455

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

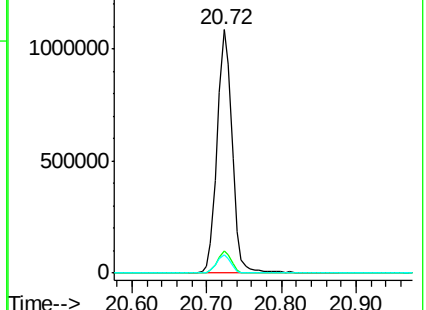
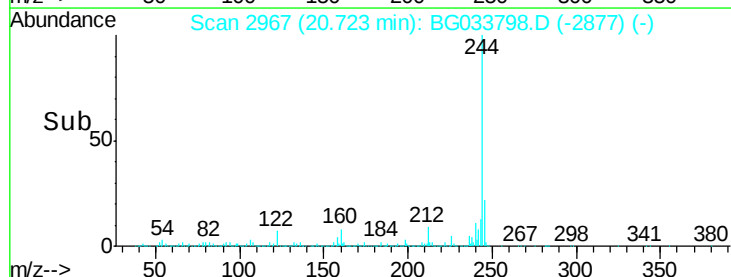
122 7.5 7.0 10.4

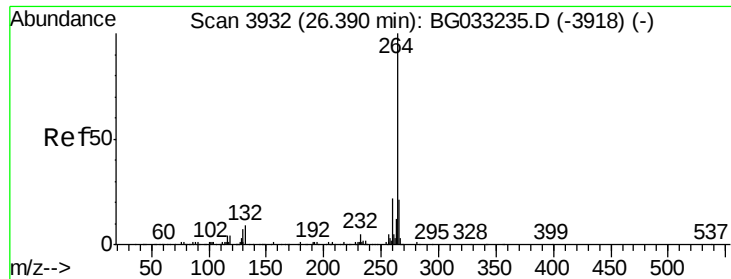


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3919
 Delta R.T. 0.01 min
 Lab File: BG033798.D
 Acq: 13 Apr 2018 16:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.9	17.7	26.5

