

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033794.D
 Acq On : 13 Apr 2018 12:05
 Operator : SJ/JU
 Sample : J2335-04RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2RE

Quant Time: Apr 14 01:09:45 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

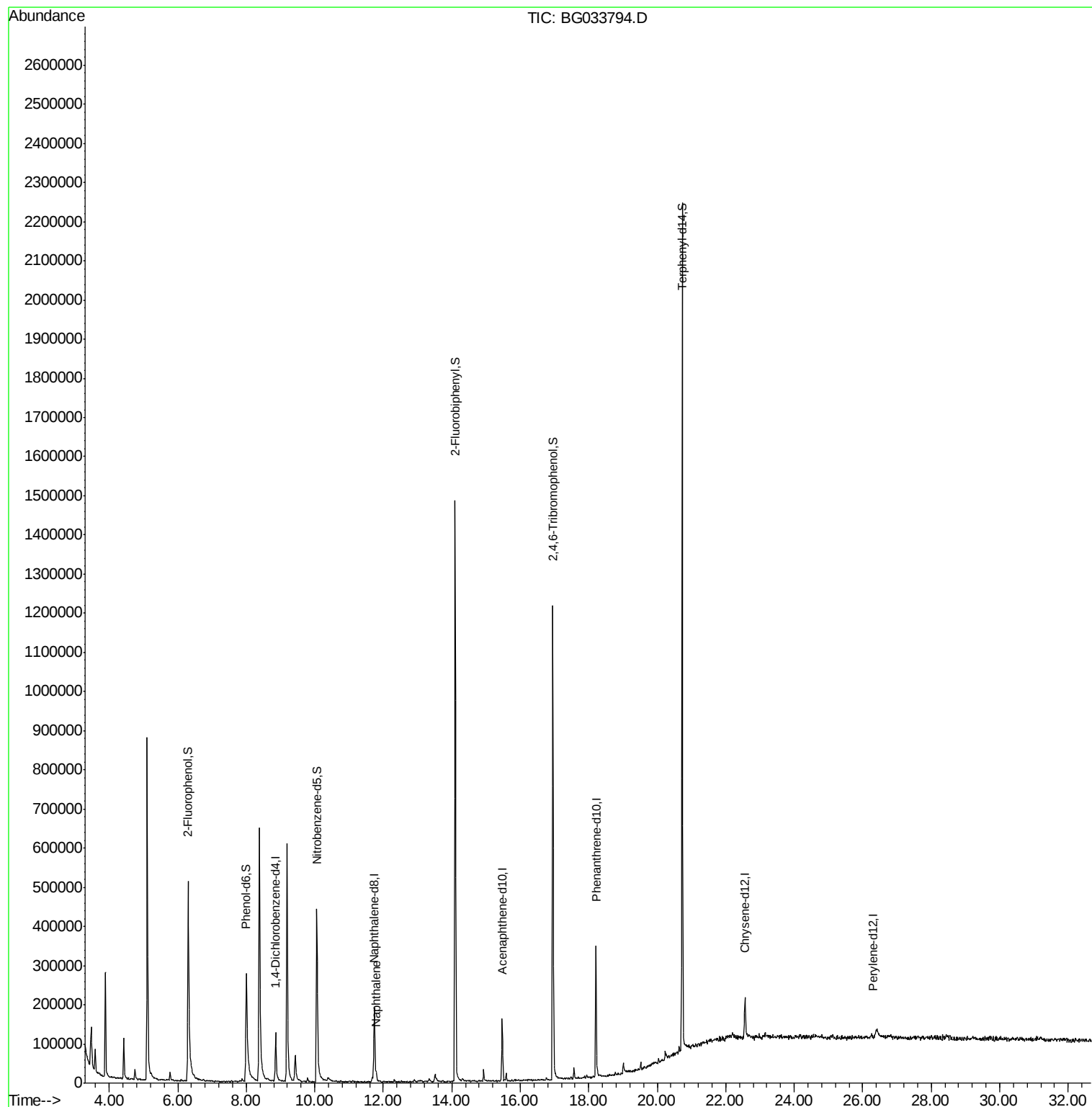
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	46835	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	184231	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	50987	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	196215	20.00	ng	0.00
75) Chrysene-d12	22.56	240	45095	20.00	ng	0.00
86) Perylene-d12	26.30	264	260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	345472	138.32	ng	0.02
7) Phenol-d6	8.01	99	259161	60.39	ng	0.04
23) Nitrobenzene-d5	10.06	82	389863	97.23	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	247719	324.85	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	849100	240.41	ng	0.00
78) Terphenyl-d14	20.73	244	885799	420.09	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	19924	2.087	ng	Qvalue # 89

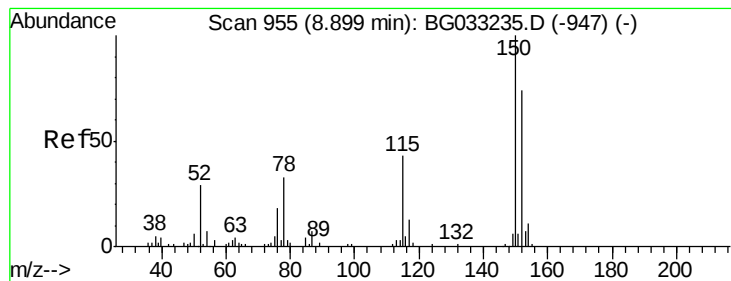
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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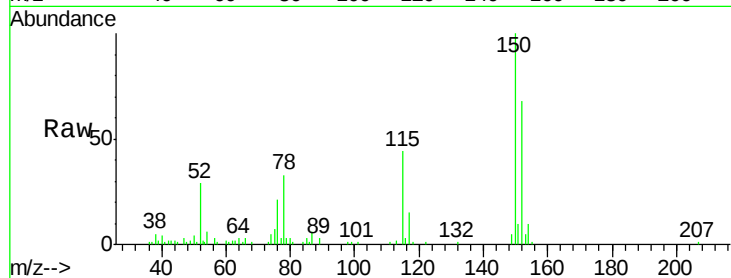


#1

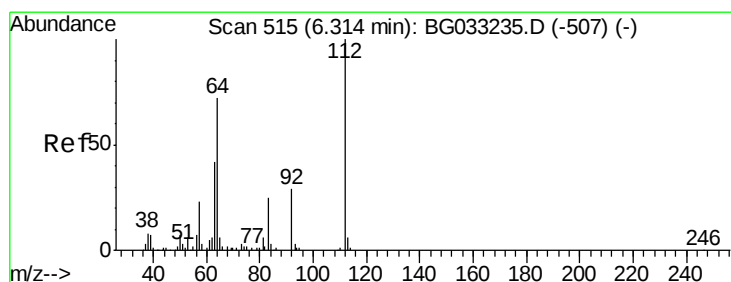
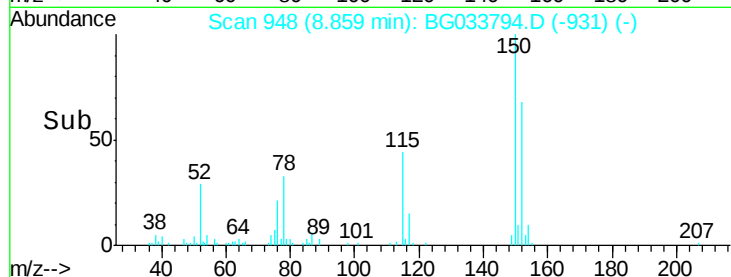
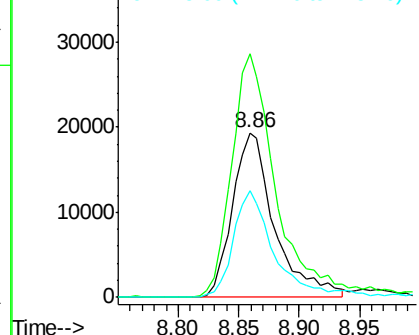
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033794.D
Acq: 13 Apr 2018 12:05

Instrument :
BNA_G
ClientSampleId :
S2RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	64.7	53.0	79.4



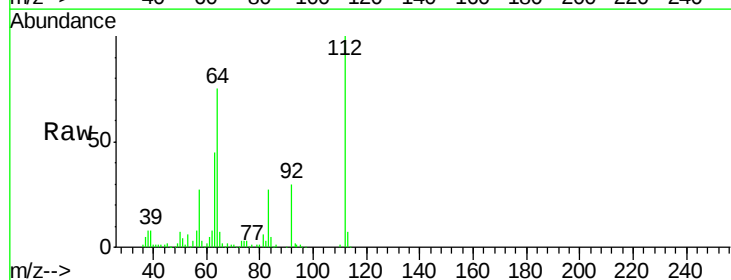
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



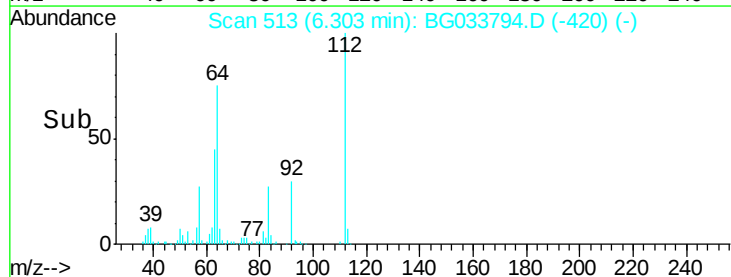
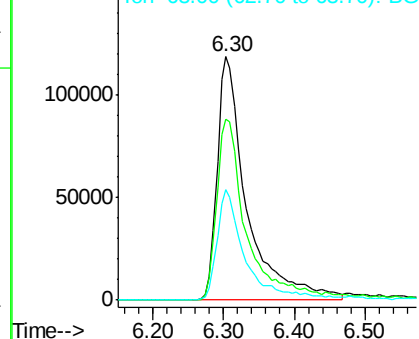
#5

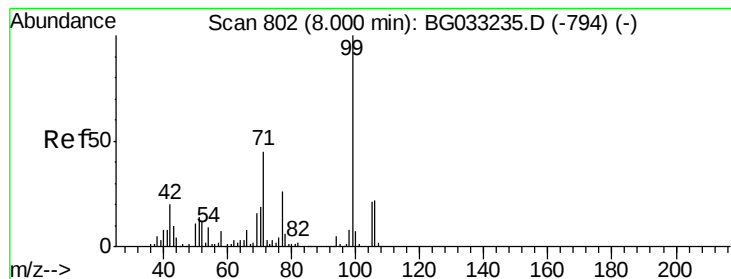
2-Fluorophenol
Concen: 138.316 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.02 min
Lab File: BG033794.D
Acq: 13 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	45.2	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 60.388 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.04 min

Lab File: BG033794.D

Acq: 13 Apr 2018 12:05

Instrument :

BNA_G

ClientSampleId :

S2RE

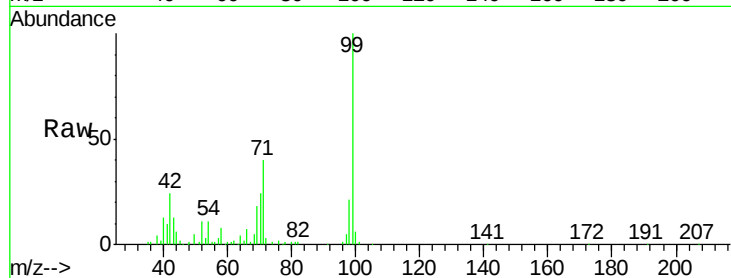
Tot Ion: 99 Resp: 259161

Ion Ratio Lower Upper

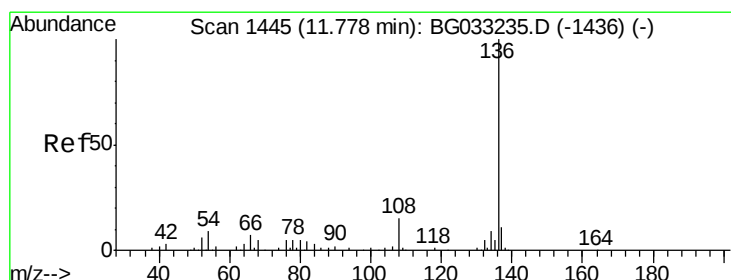
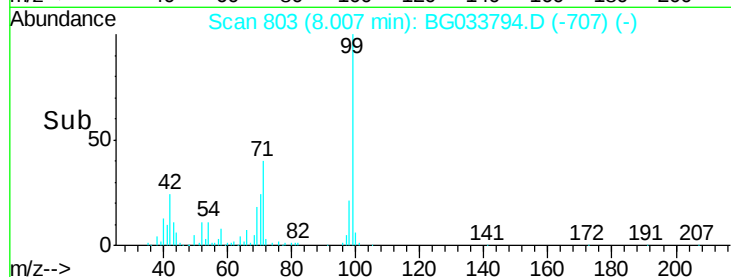
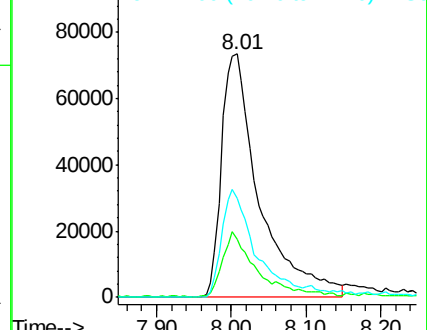
99 100

42 23.8 14.1 21.1#

71 40.4 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033794.D

Acq: 13 Apr 2018 12:05

Tgt Ion: 136 Resp: 184231

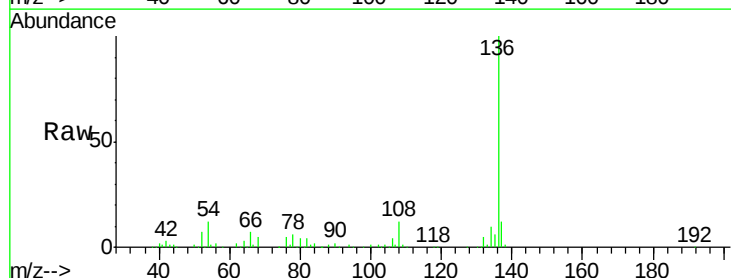
Ion Ratio Lower Upper

136 100

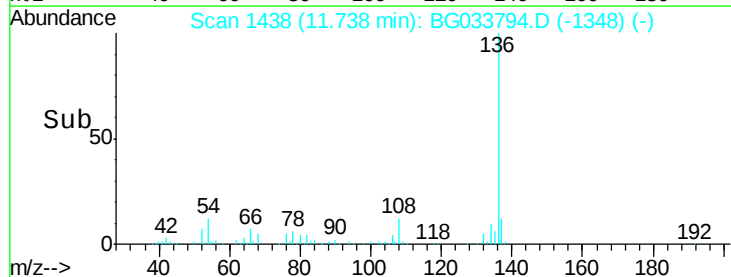
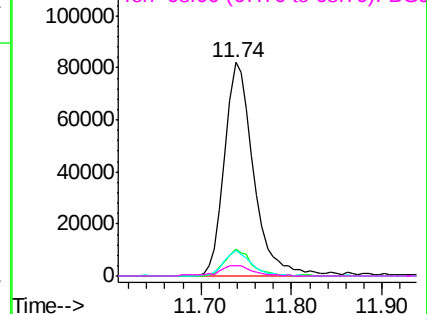
137 12.4 9.2 13.8

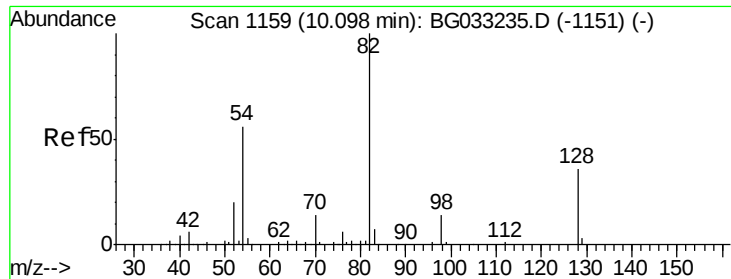
54 11.9 10.3 15.5

68 4.8 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: 97.225 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BG033794.D

Acq: 13 Apr 2018 12:05

Instrument :

BNA_G

ClientSampleId :

S2RE

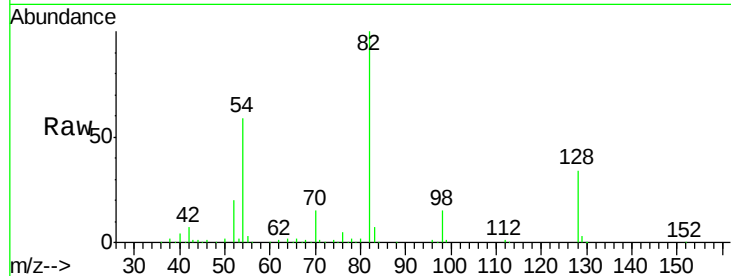
Tot Ion: 82 Resp: 389863

Ion Ratio Lower Upper

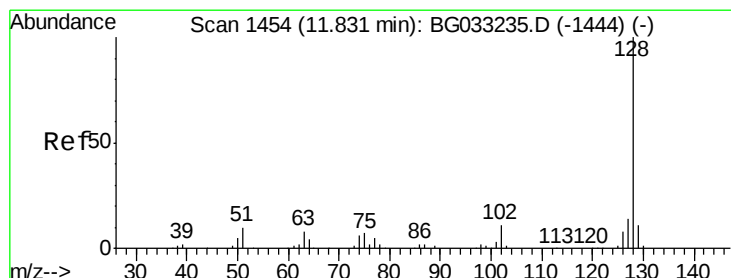
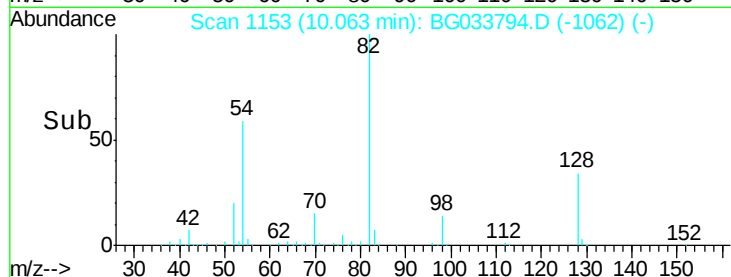
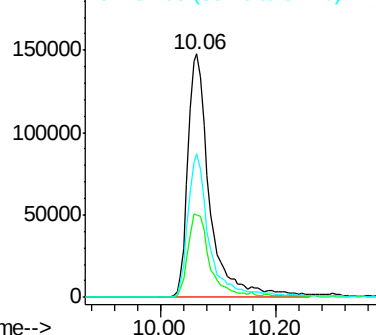
82 100

128 34.0 29.7 44.5

54 58.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 2.087 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BG033794.D

Acq: 13 Apr 2018 12:05

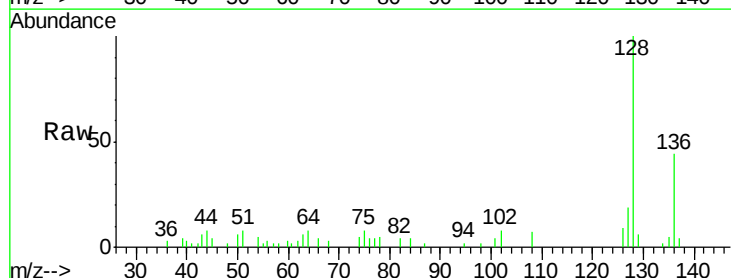
Tgt Ion: 128 Resp: 19924

Ion Ratio Lower Upper

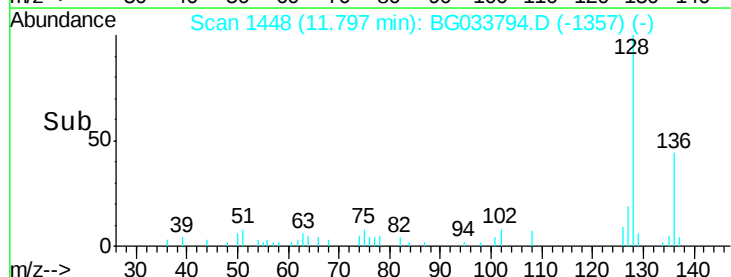
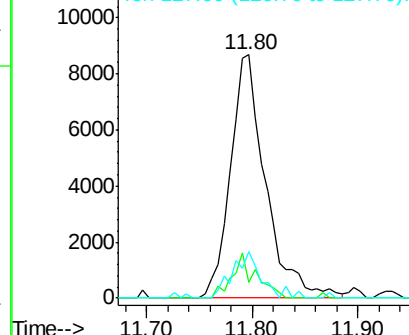
128 100

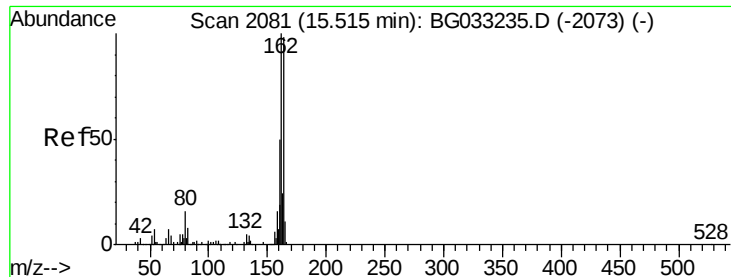
129 6.4 8.6 12.8#

127 19.0 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033794.D

Acq: 13 Apr 2018 12:05

Instrument :

BNA_G

ClientSampleId :

S2RE

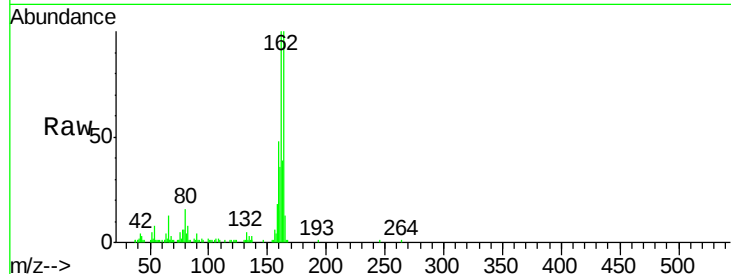
Tot Ion:164 Resp: 50987

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

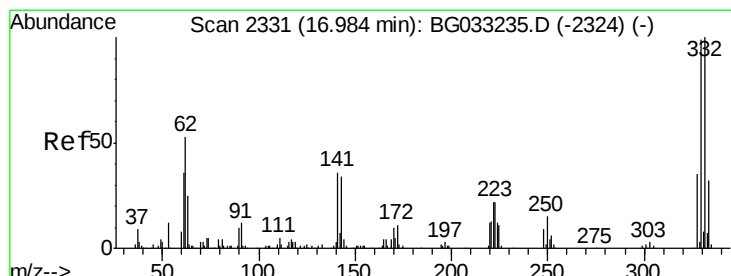
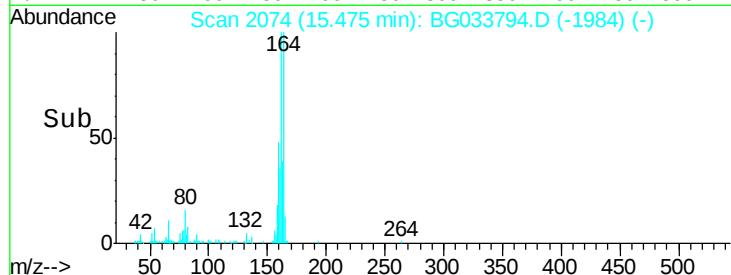
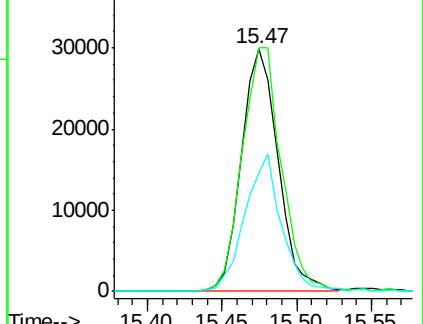
160 48.5 35.4 53.0



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: 324.848 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BG033794.D

Acq: 13 Apr 2018 12:05

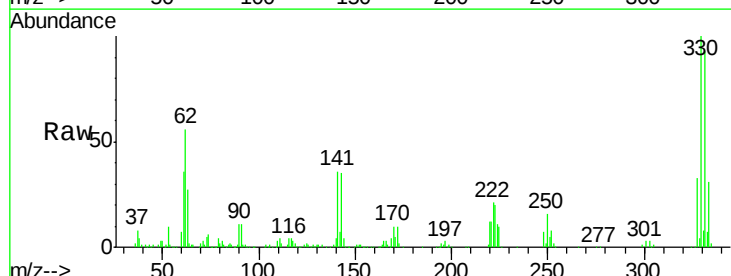
Tgt Ion:330 Resp: 247719

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

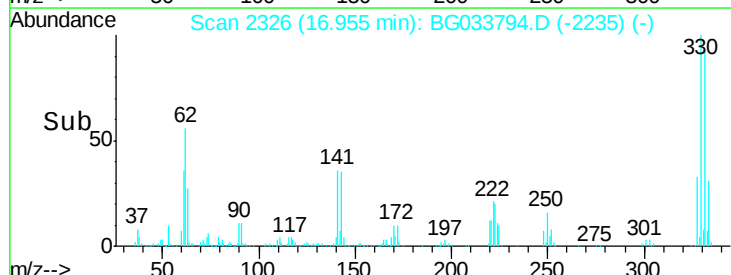
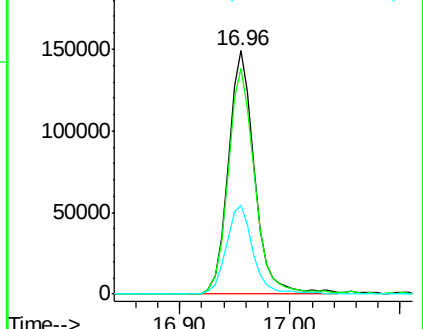
141 37.7 25.2 37.8

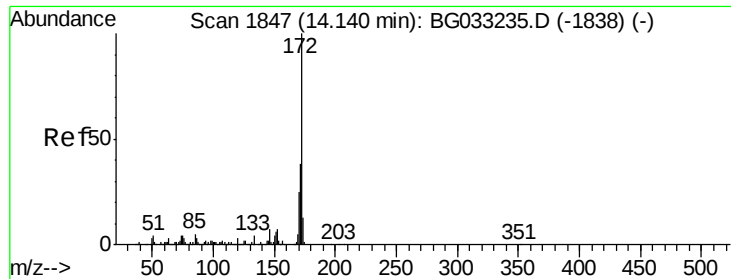


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

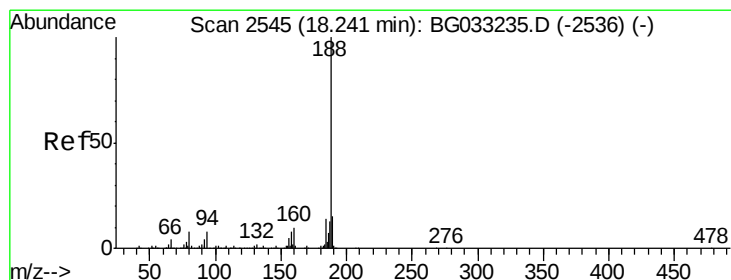
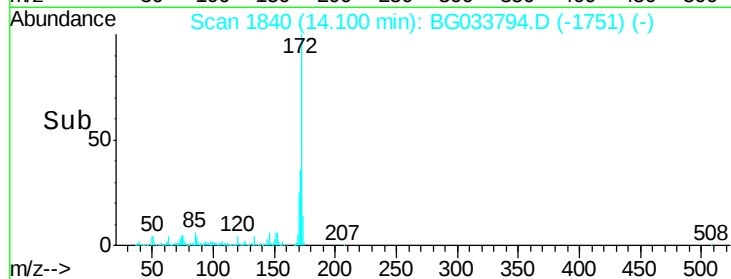
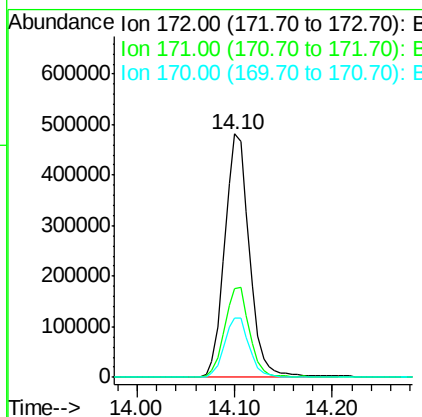
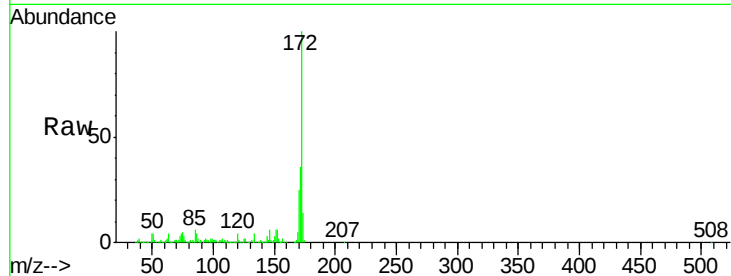




#44
 2-Fluorobiphenyl
 Concen: 240.412 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033794.D
 Acq: 13 Apr 2018 12:05

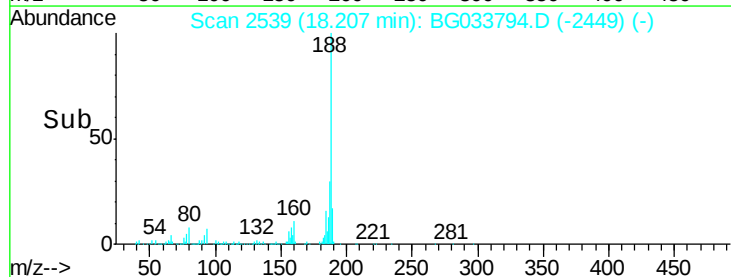
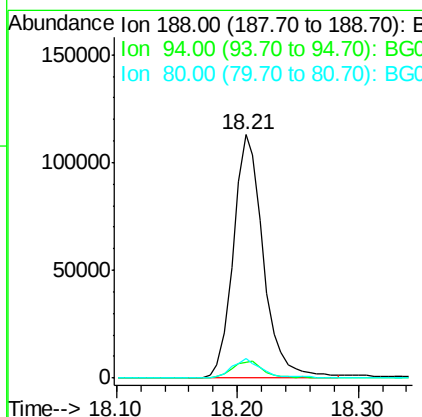
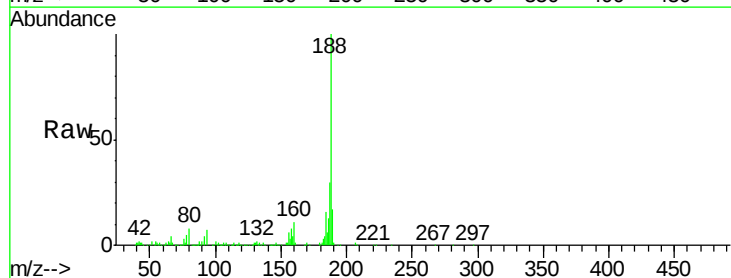
Instrument :
 BNA_G
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 S2RE

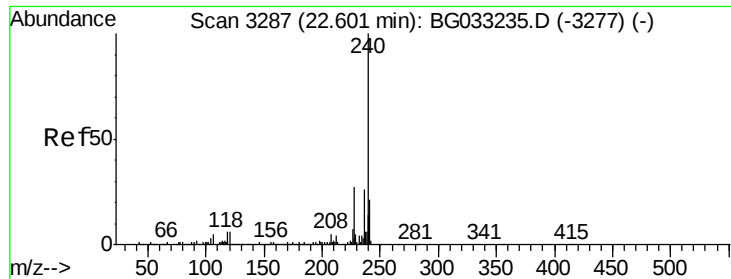
Tot Ion:172 Resp: 849100
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG033794.D
 Acq: 13 Apr 2018 12:05

Tgt Ion:188 Resp: 196215
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.8 7.7 11.5

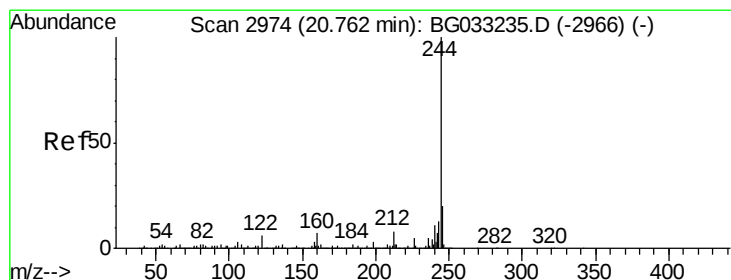
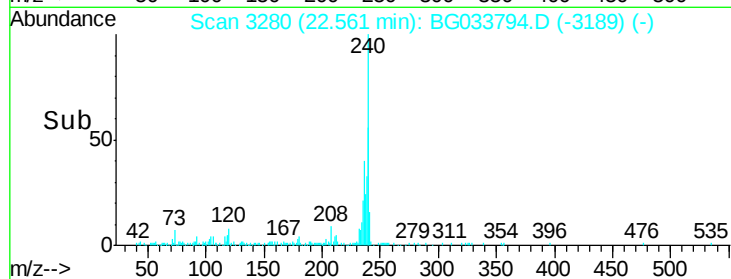
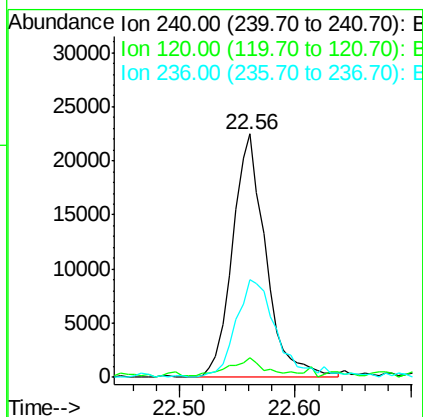
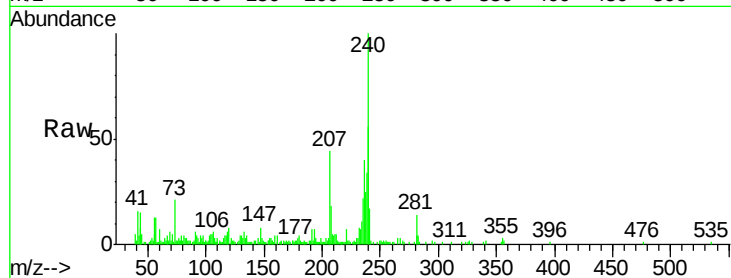




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. 0.01 min
 Lab File: BG033794.D
 Acq: 13 Apr 2018 12:05

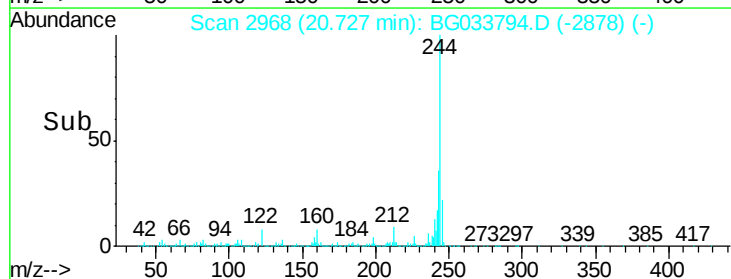
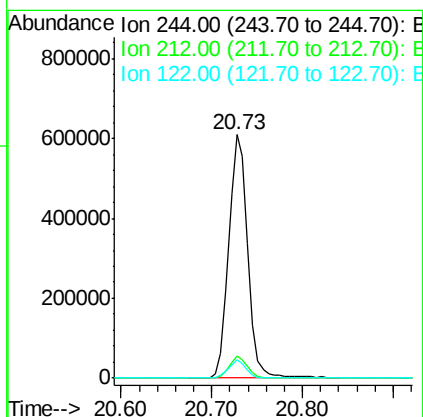
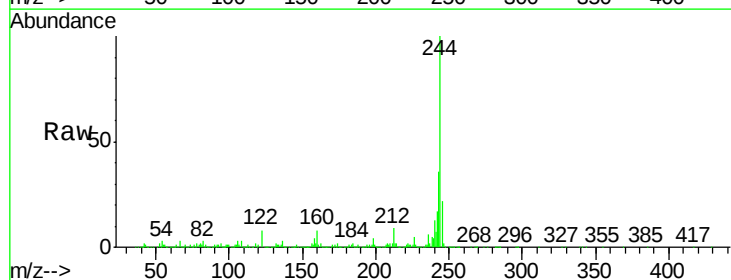
Instrument :
 BNA_G
 ClientSampleId :
 S2RE

Tot Ion:240 Resp: 45095
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.8 10.2
 236 39.9 20.9 31.3#



#78
 Terphenyl-d14
 Concen: 420.085 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033794.D
 Acq: 13 Apr 2018 12:05

Tgt Ion:244 Resp: 885799
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 7.6 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BG033794.D
Acq: 13 Apr 2018 12:05

Instrument :
BNA_G
ClientSampleId :
S2RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	0.0	17.4	26.0#
265	88.7	17.7	26.5#

