

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030533.D
 Acq On : 28 Oct 2017 18:42
 Operator : SJ/JU
 Sample : I6029-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:47:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

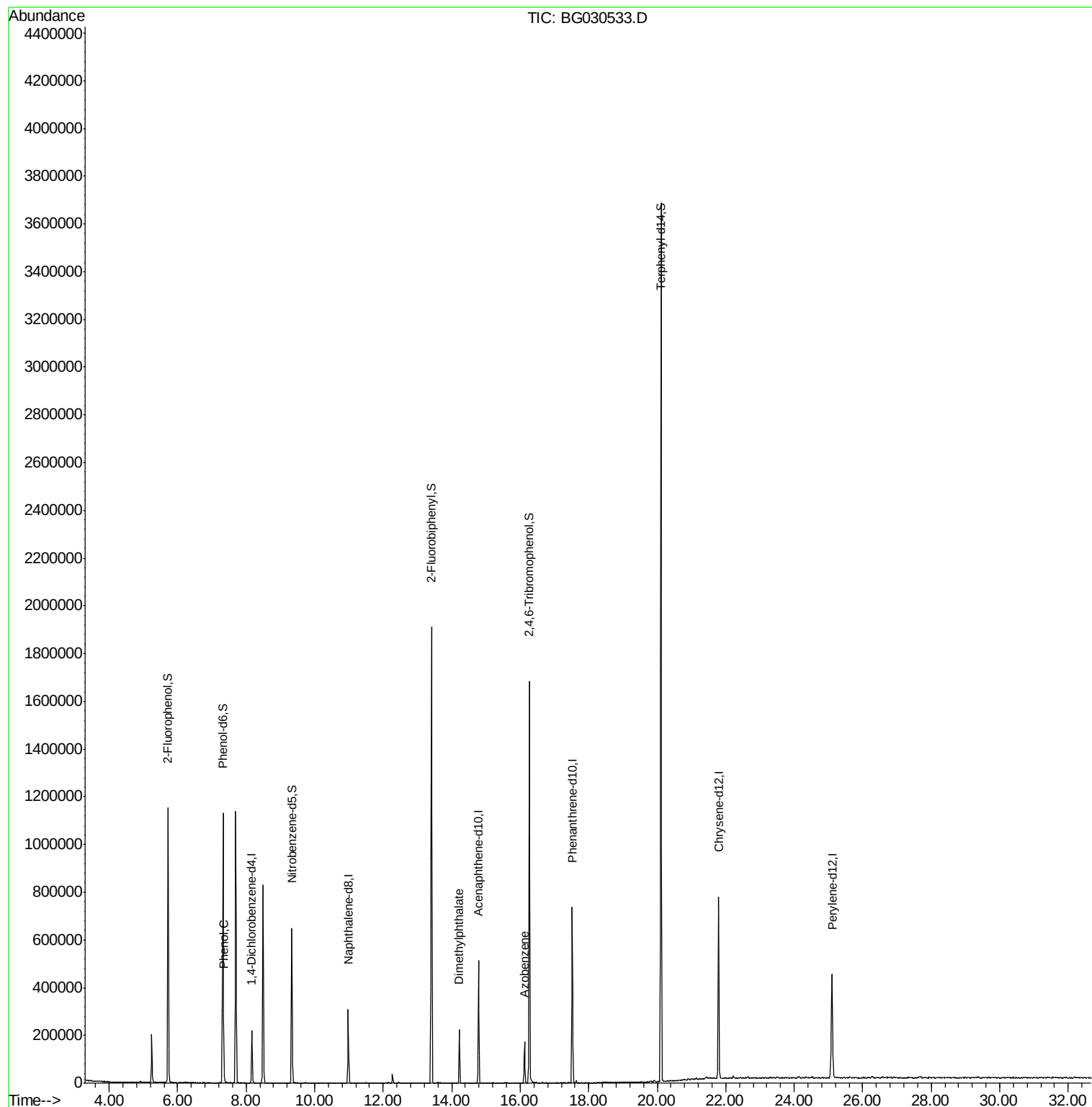
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64536	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	269088	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	183559	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	449033	20.00	ng	0.00
75) Chrysene-d12	21.79	240	476318	20.00	ng	0.00
86) Perylene-d12	25.11	264	471451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	535346	138.58	ng	0.00
7) Phenol-d6	7.32	99	690152	127.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	395026	93.29	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	346915	146.38	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1041548	83.22	ng	0.00
78) Terphenyl-d14	20.11	244	1603961	76.61	ng	0.00
Target Compounds						
10) Phenol	7.34	94	33455	5.723	ng	98
49) Dimethylphthalate	14.22	163	158051	11.036	ng	100
62) Azobenzene	16.13	77	48155	4.001	ng	# 1

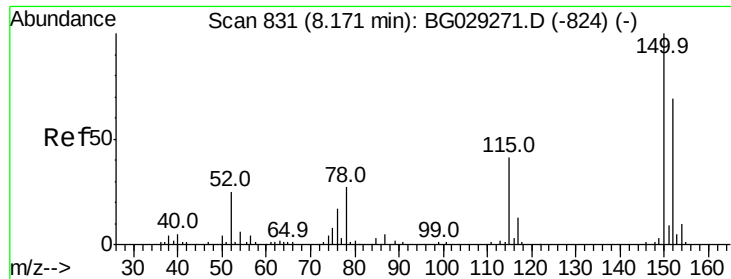
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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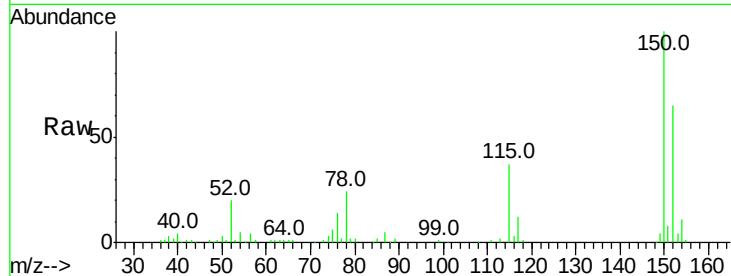


#1

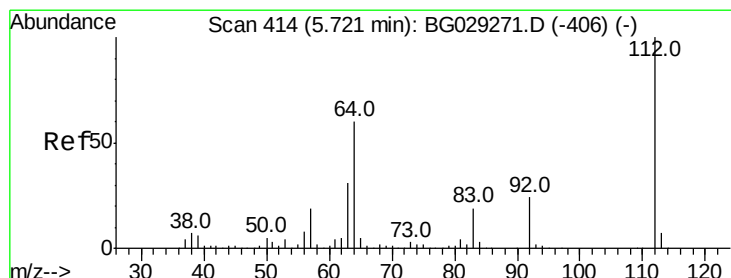
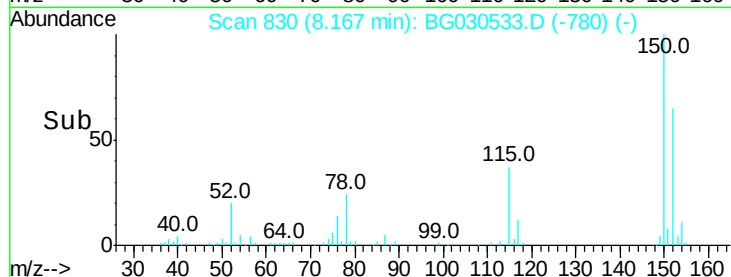
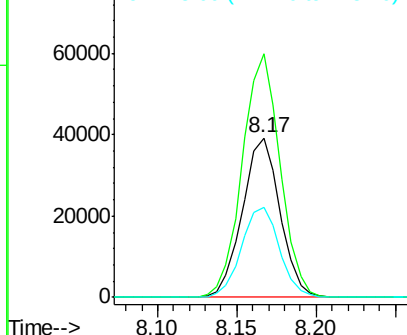
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64536
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 56.2 53.0 79.4



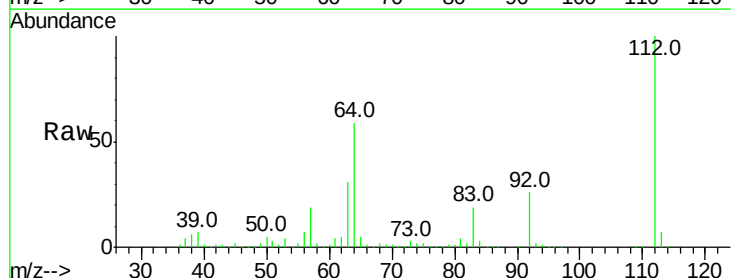
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



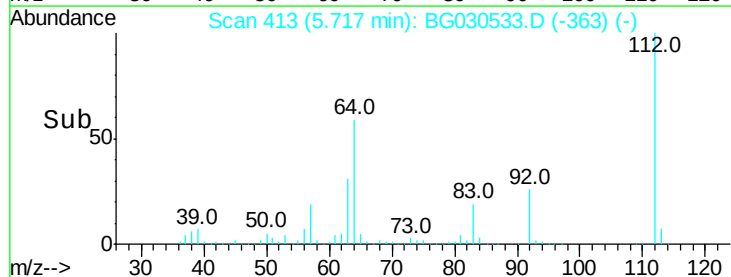
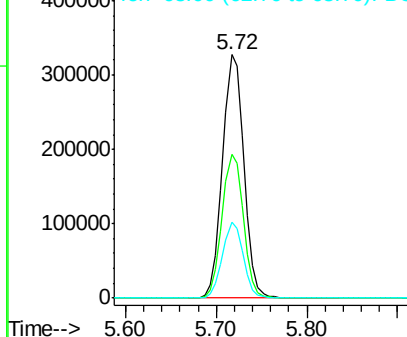
#5

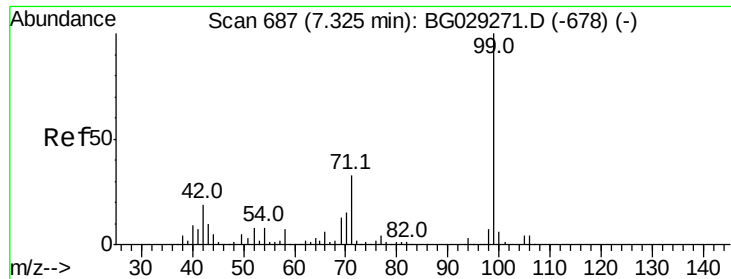
2-Fluorophenol
Concen: 138.577 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Tgt Ion:112 Resp: 535346
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 31.0 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: 127.275 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030533.D

Acq: 28 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

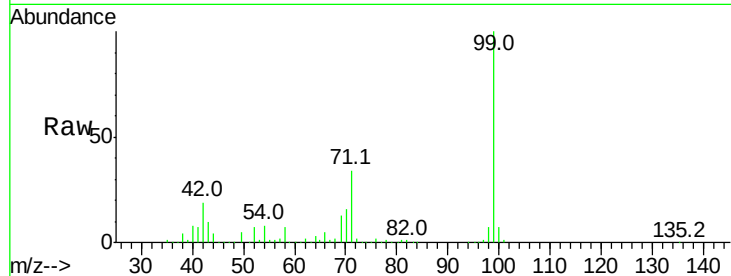
Tot Ion: 99 Resp: 690152

Ion Ratio Lower Upper

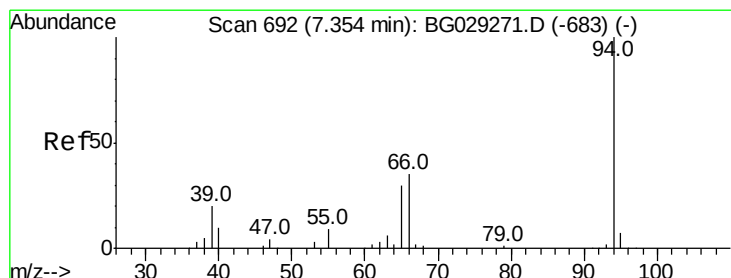
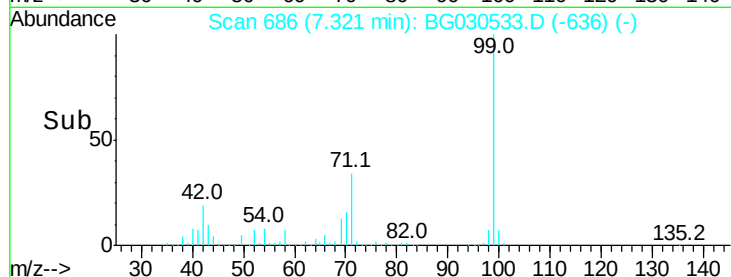
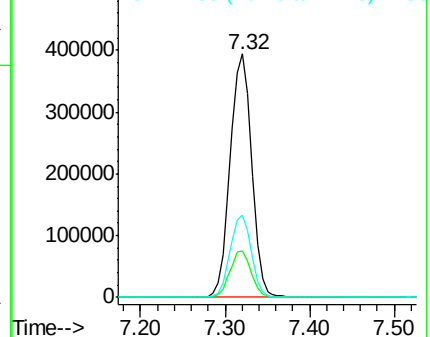
99 100

42 18.9 14.1 21.1

71 33.9 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



#10

Phenol

Concen: 5.723 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030533.D

Acq: 28 Oct 2017 18:42

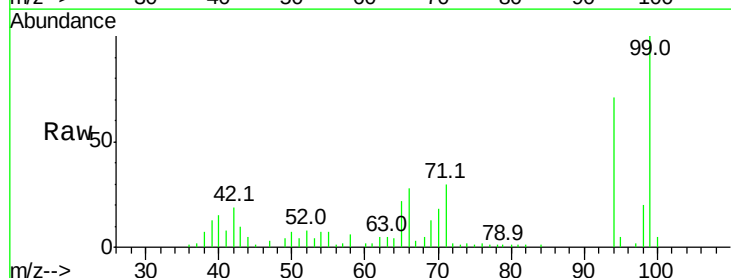
Tgt Ion: 94 Resp: 33455

Ion Ratio Lower Upper

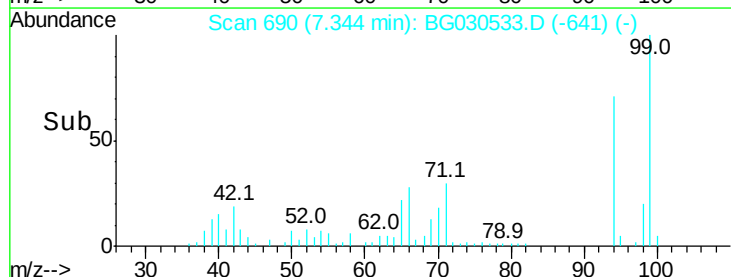
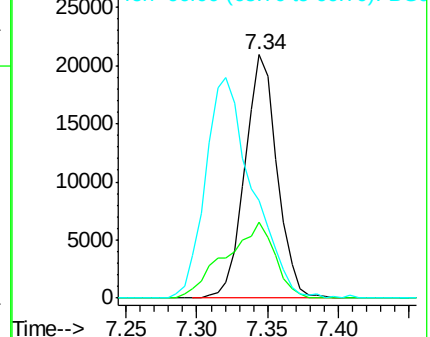
94 100

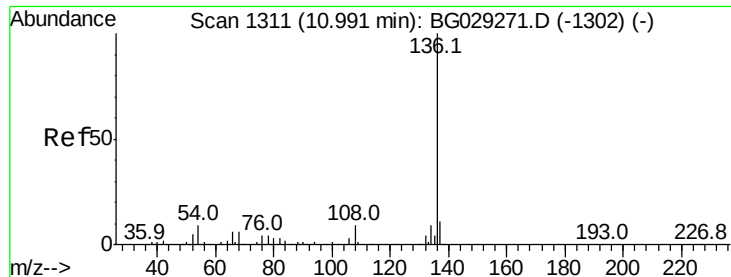
65 31.1 11.9 51.9

66 40.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

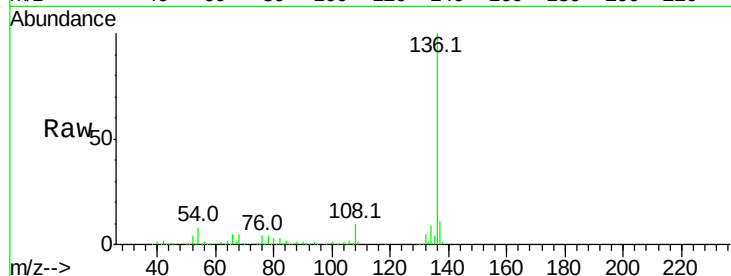




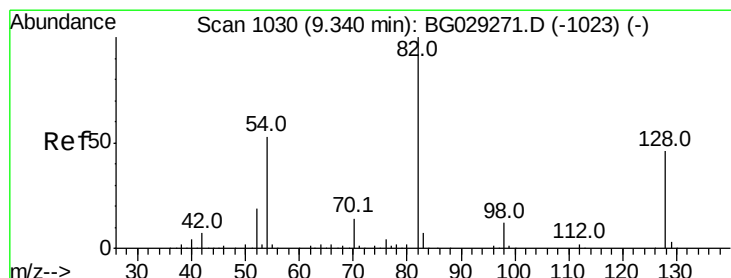
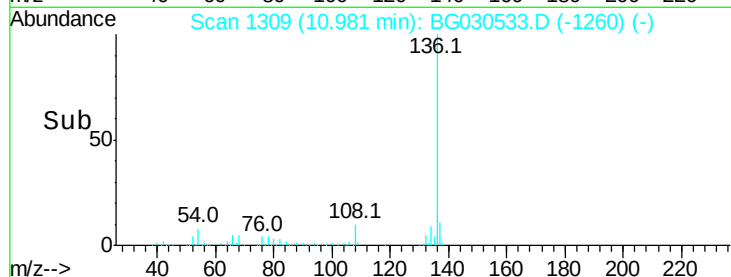
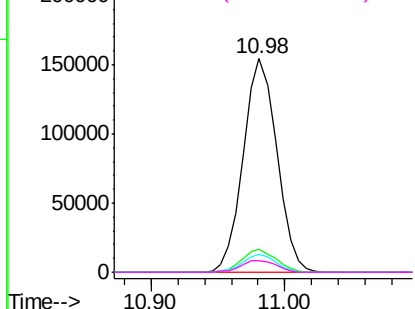
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	269088
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	8.2	10.3 15.5#
68	5.2	4.5 6.7

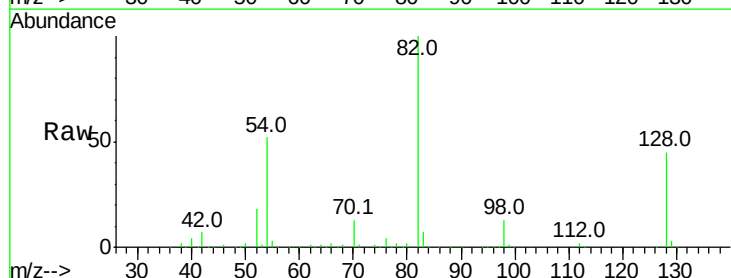


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

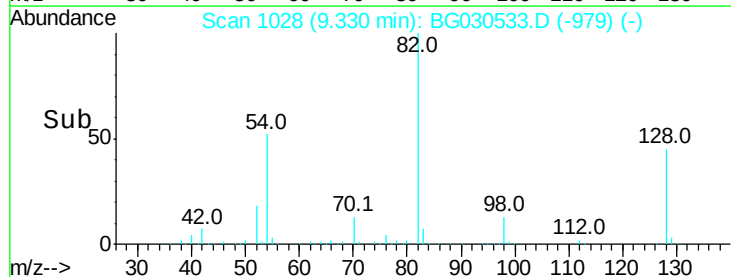
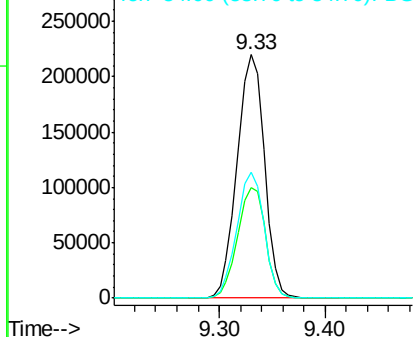


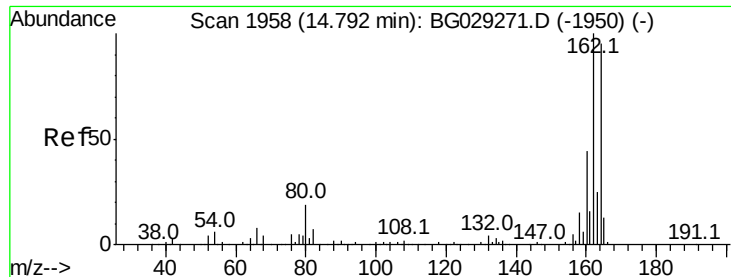
#23
Nitrobenzene-d5
Concen: 93.288 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Tgt Ion: 82	Resp:	395026
Ion	Ratio	Lower Upper
82	100	
128	45.5	29.7 44.5#
54	51.5	43.1 64.7



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

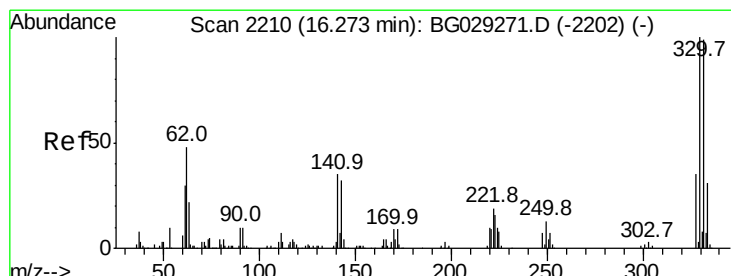
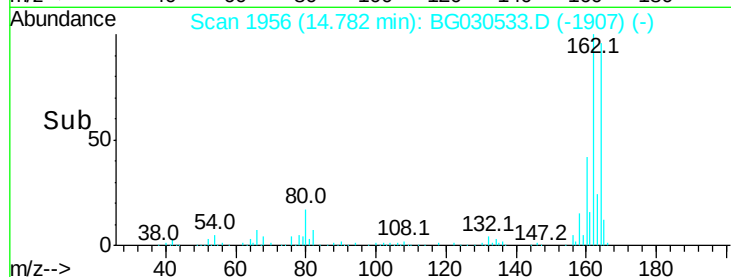
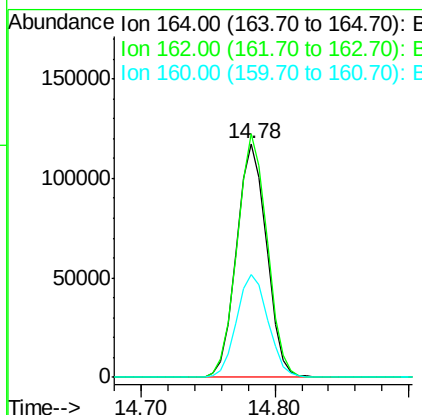
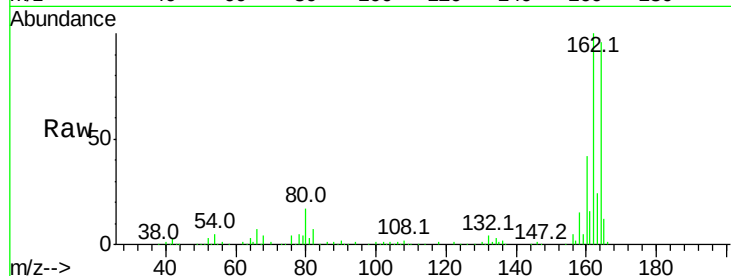




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

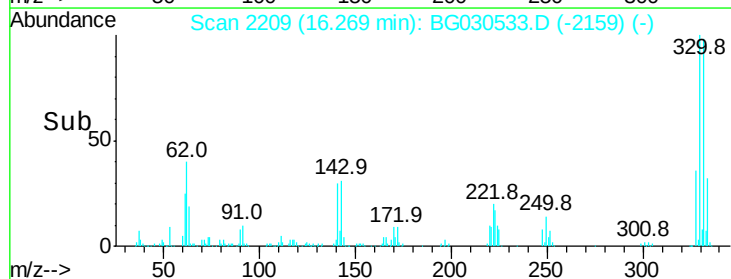
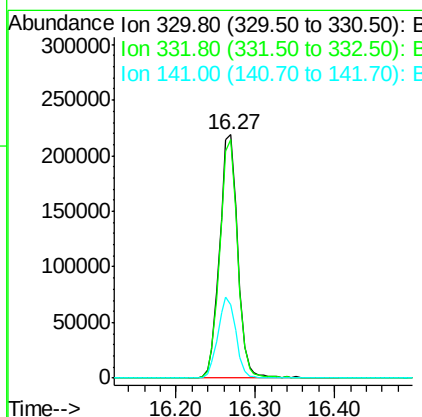
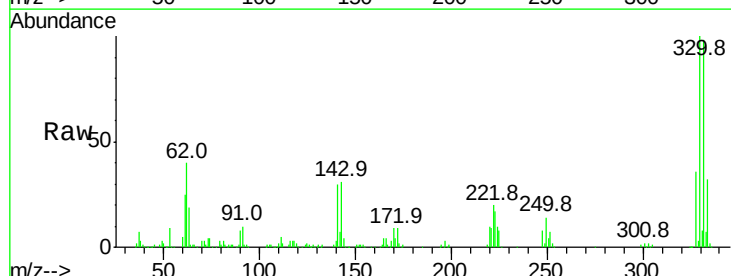
Instrument :
BNA_G
ClientSampleId :

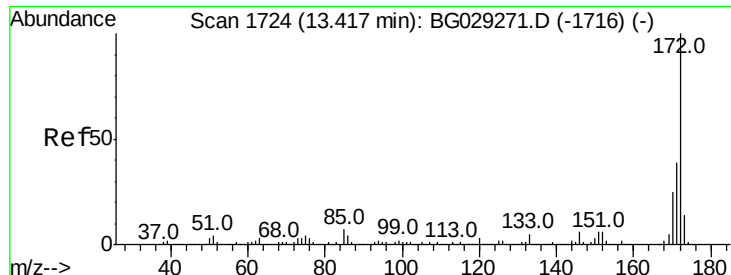
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	43.9	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 146.382 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.8	25.2	37.8

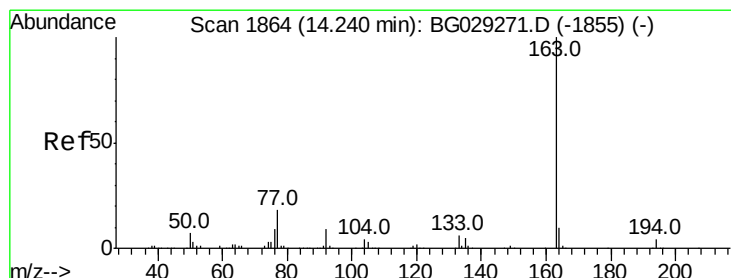
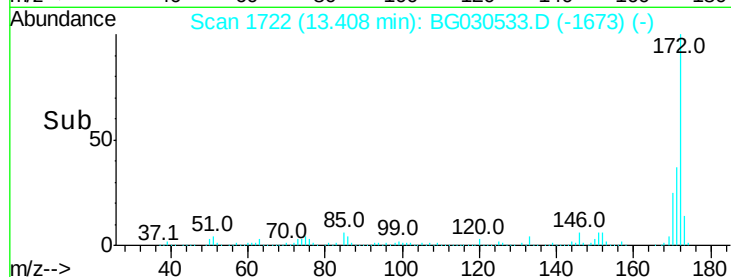
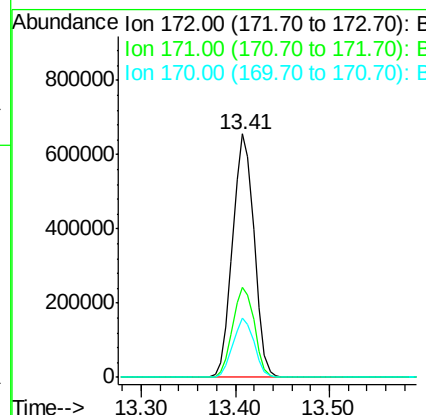
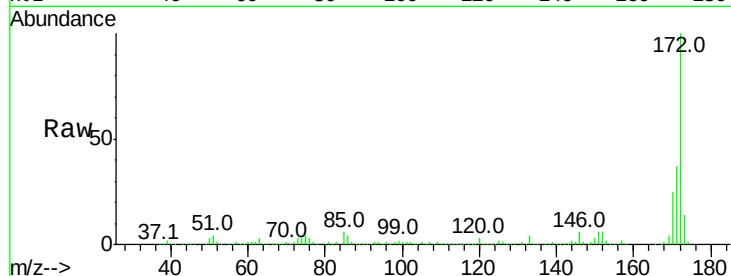




#44
 2-Fluorobiphenyl
 Concen: 83.221 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030533.D
 Acq: 28 Oct 2017 18:42

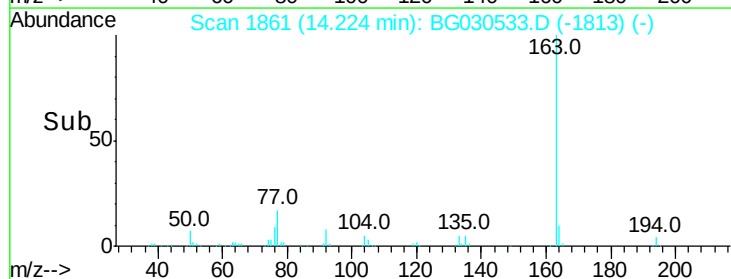
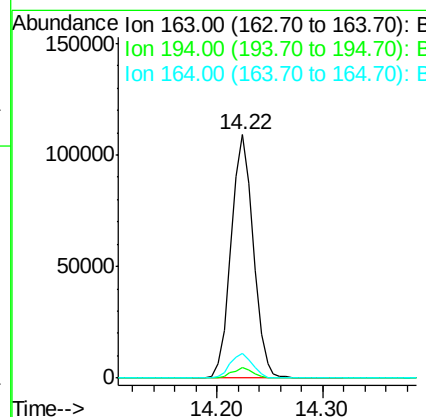
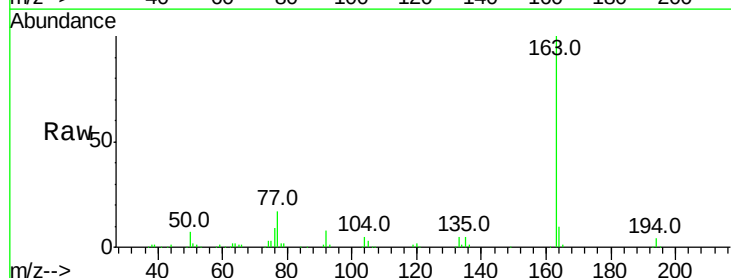
Instrument :
 BNA_G
 ClientSampleId :

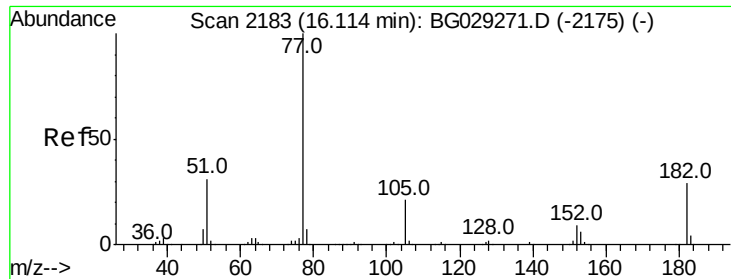
Tot Ion:172 Resp: 1041548
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.5 19.5 29.3



#49
 Dimethylphthalate
 Concen: 11.036 ng
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BG030533.D
 Acq: 28 Oct 2017 18:42

Tgt Ion:163 Resp: 158051
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 10.4 8.2 12.4

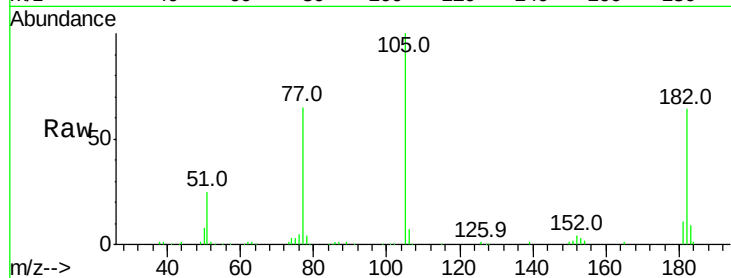




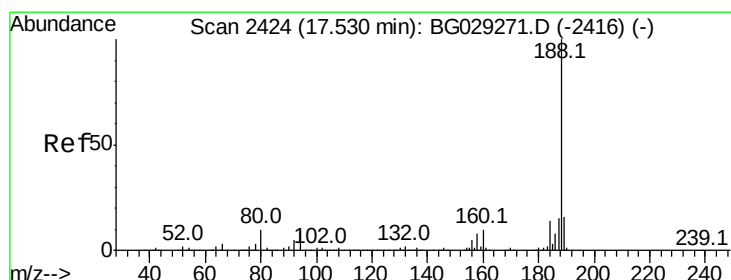
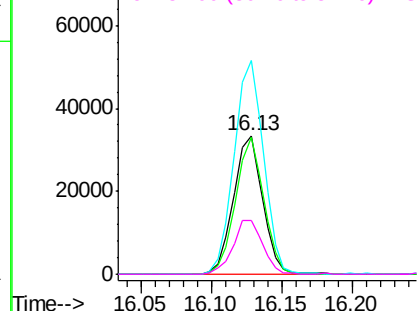
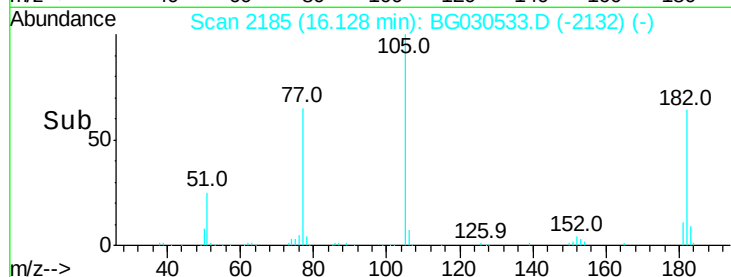
#62
Azobenzene
Concen: 4.001 ng
RT: 16.13 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 48155
Ion Ratio Lower Upper
77 100
182 98.9 7.4 47.4#
105 154.0 0.3 40.3#
51 39.1 11.6 51.6

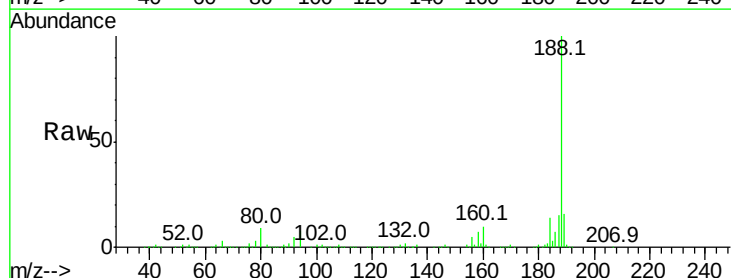


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

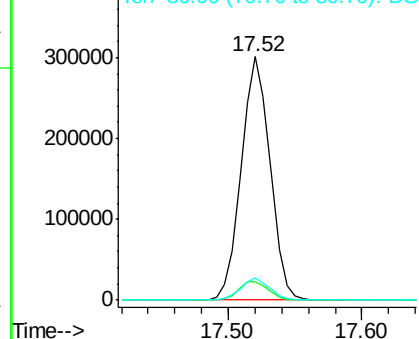
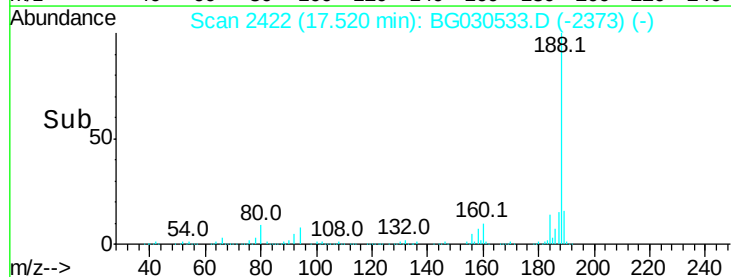


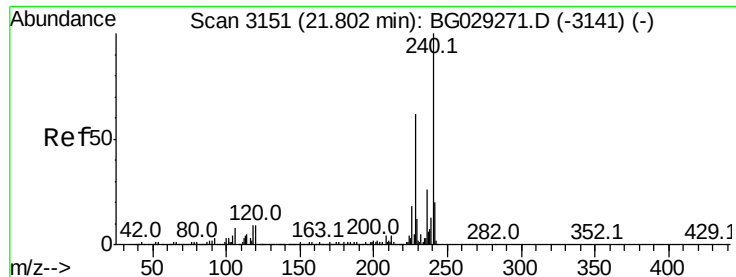
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Tgt Ion: 188 Resp: 449033
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030533.D

Acq: 28 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

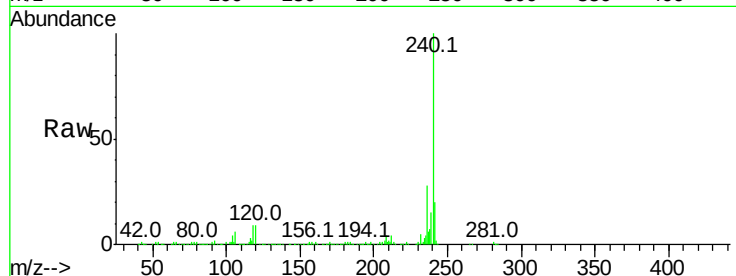
Tot Ion:240 Resp: 476318

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

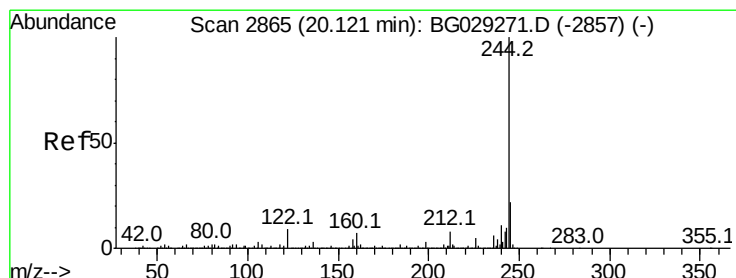
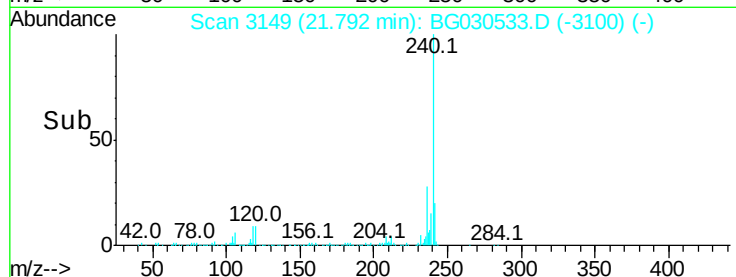
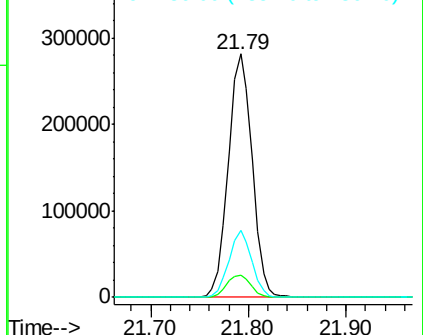
236 27.6 20.9 31.3



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: 76.606 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030533.D

Acq: 28 Oct 2017 18:42

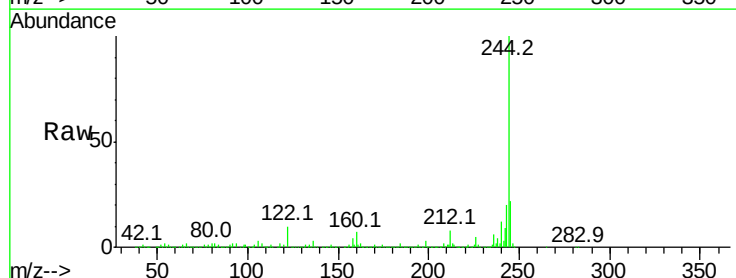
Tgt Ion:244 Resp: 1603961

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

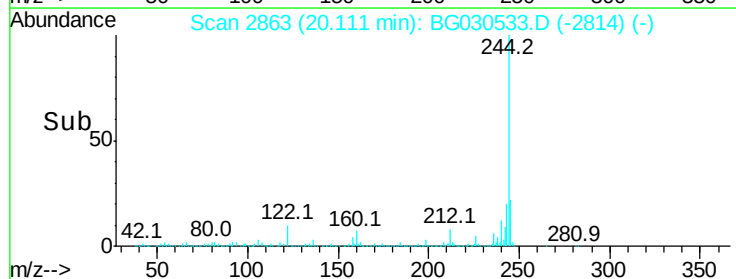
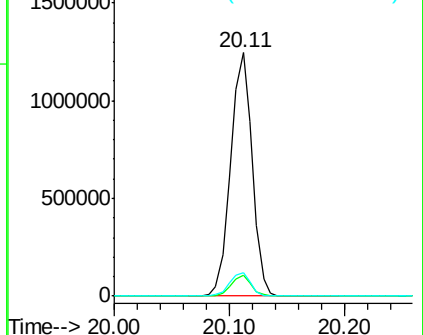
122 9.6 7.0 10.4

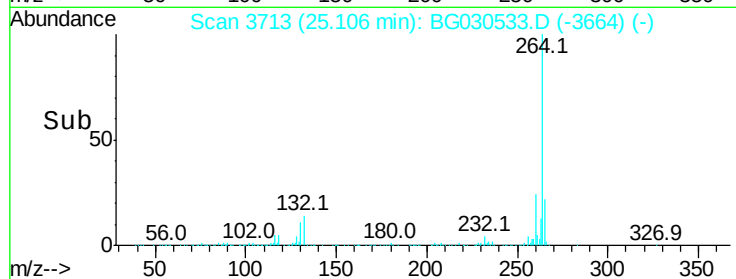
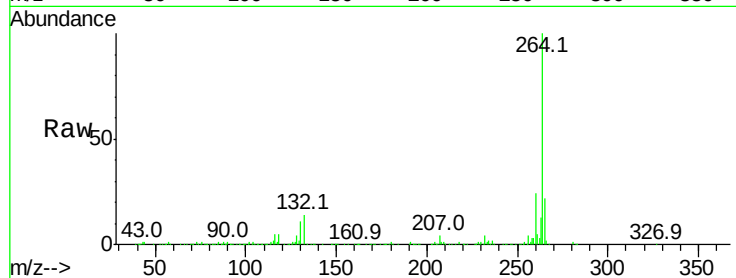
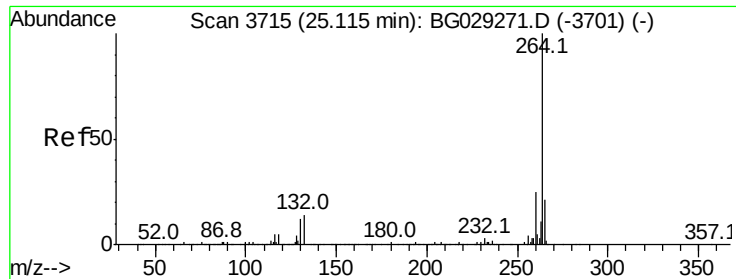


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG030533.D
Acq: 28 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.7	17.7	26.5

