

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029307.D
 Acq On : 17 Oct 2017 18:53
 Operator : SJ/JU
 Sample : I5821-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:53:14 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

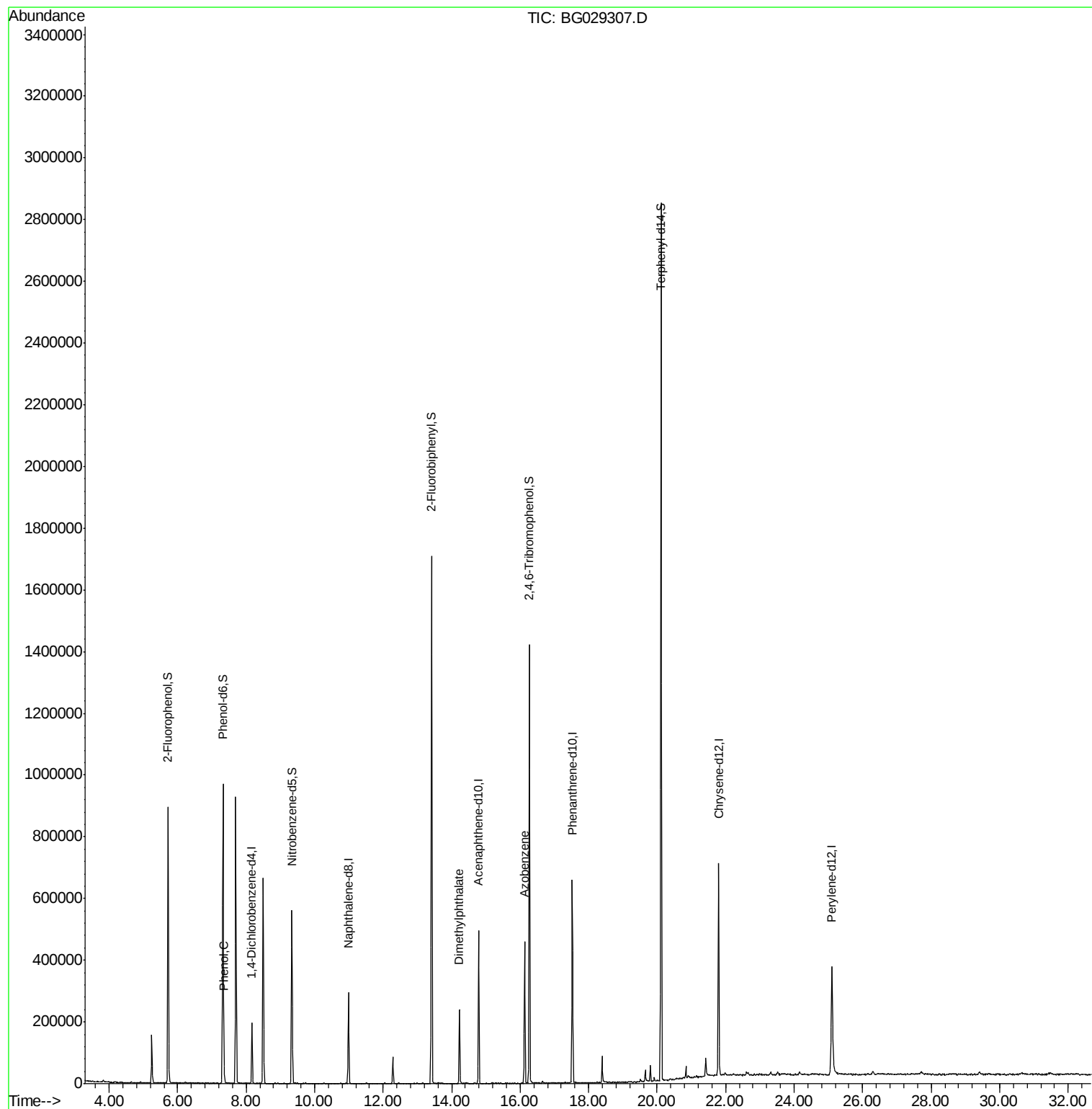
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55547	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	262784	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	172157	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	404621	20.00	ng	0.00
75) Chrysene-d12	21.79	240	425360	20.00	ng	0.00
86) Perylene-d12	25.10	264	433850	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	414346	124.61	ng	0.00
7) Phenol-d6	7.32	99	581661	124.63	ng	0.00
23) Nitrobenzene-d5	9.33	82	343286	83.01	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	283000	127.32	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	898926	76.58	ng	0.00
78) Terphenyl-d14	20.11	244	1284794	68.71	ng	0.00
Target Compounds						
10) Phenol	7.35	94	35090	6.97	ng	94
49) Dimethylphthalate	14.23	163	171201	12.75	ng	100
62) Azobenzene	16.13	77	129017	11.43	ng	# 1

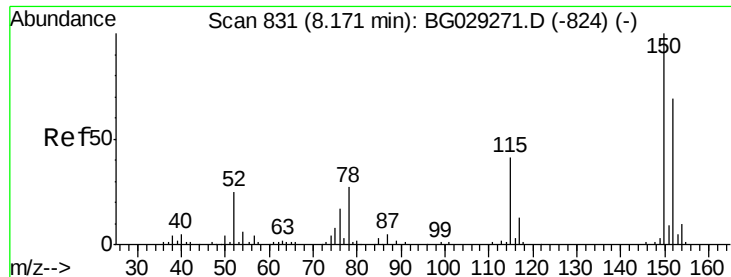
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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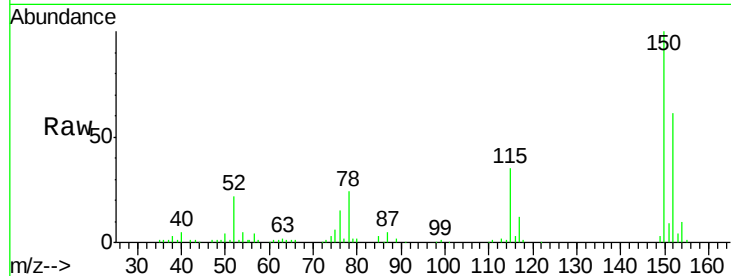


#1

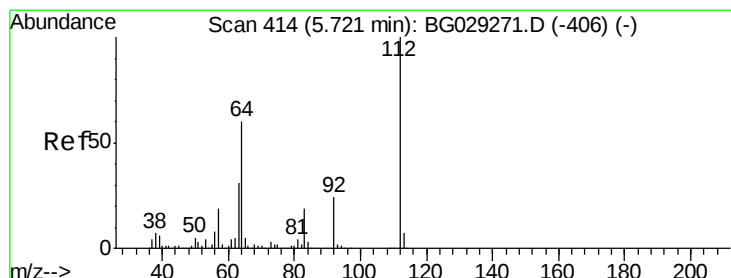
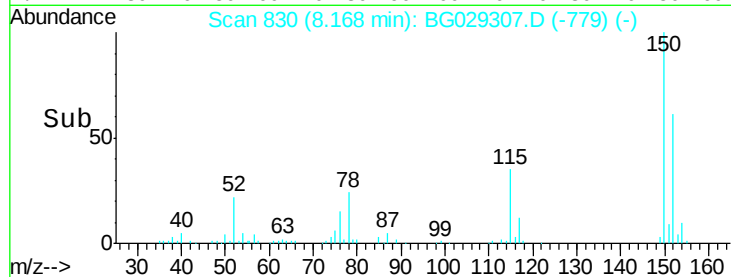
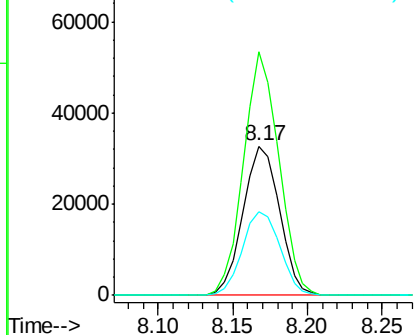
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55547
Ion Ratio Lower Upper
152 100
150 162.9 126.6 189.8
115 56.4 53.0 79.4



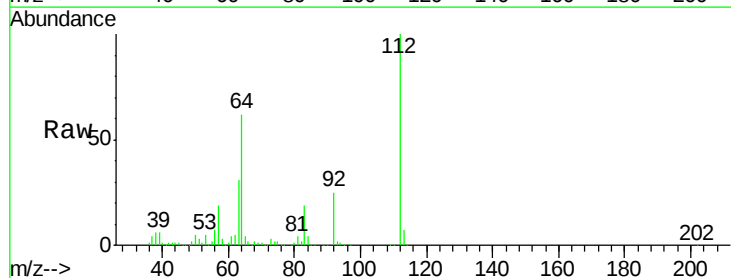
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



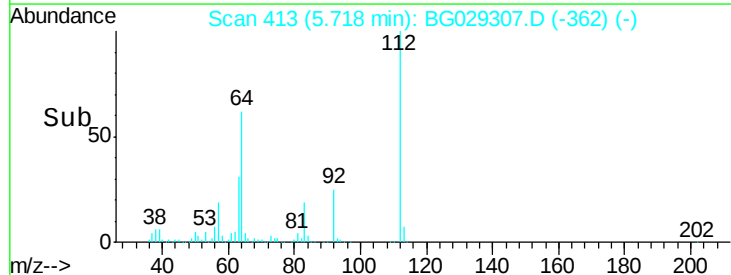
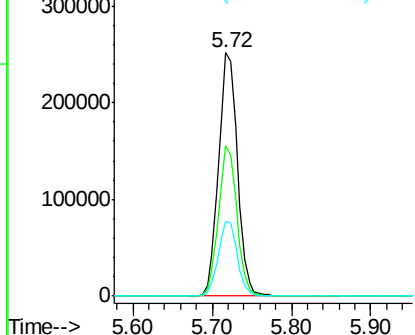
#5

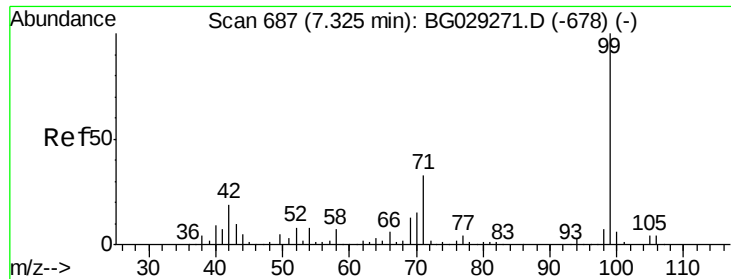
2-Fluorophenol
Concen: 124.61 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion:112 Resp: 414346
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 30.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.63 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Instrument :

BNA_G

ClientSampleId :

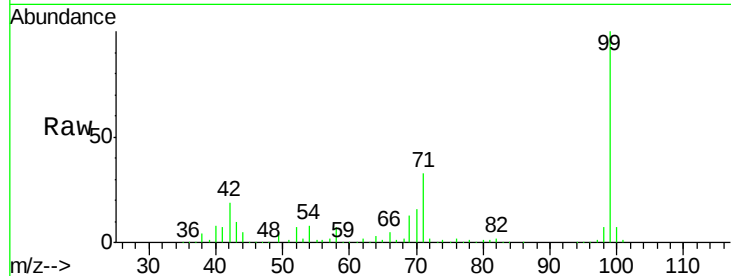
Tot Ion: 99 Resp: 581661

Ion Ratio Lower Upper

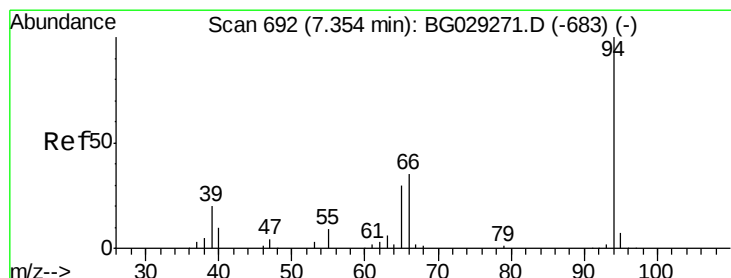
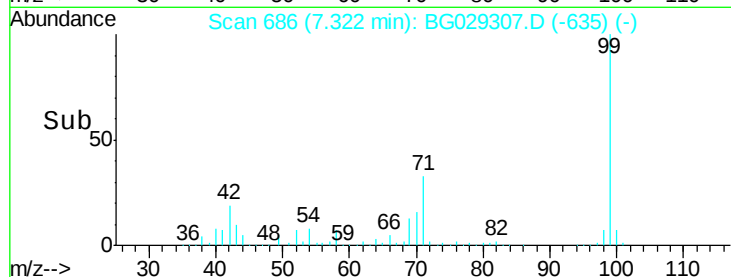
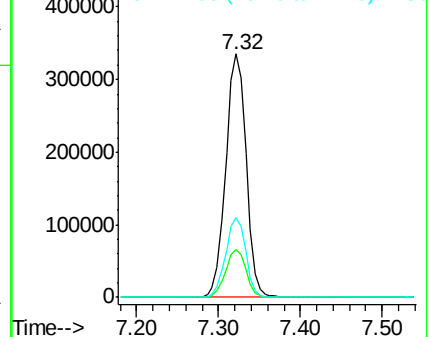
99 100

42 19.4 14.1 21.1

71 32.8 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



#10

Phenol

Concen: 6.97 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

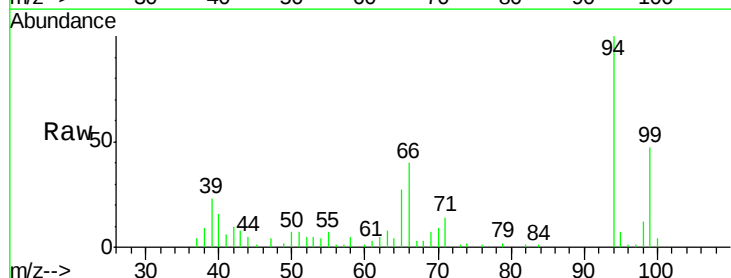
Tgt Ion: 94 Resp: 35090

Ion Ratio Lower Upper

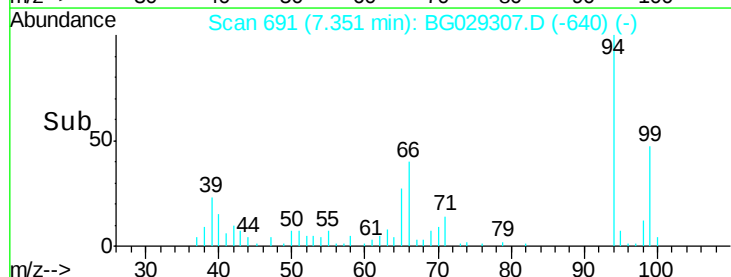
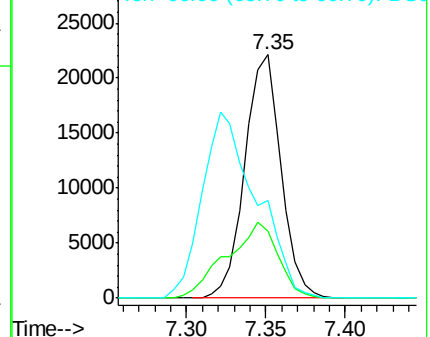
94 100

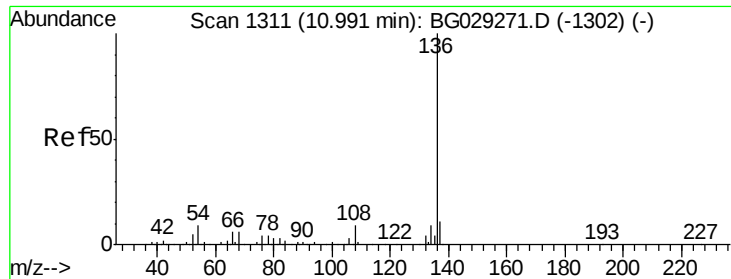
65 27.3 11.9 51.9

66 39.9 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

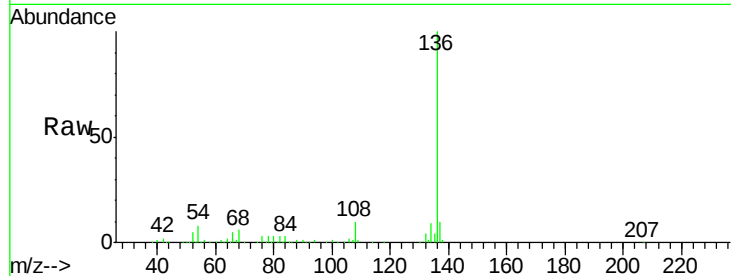




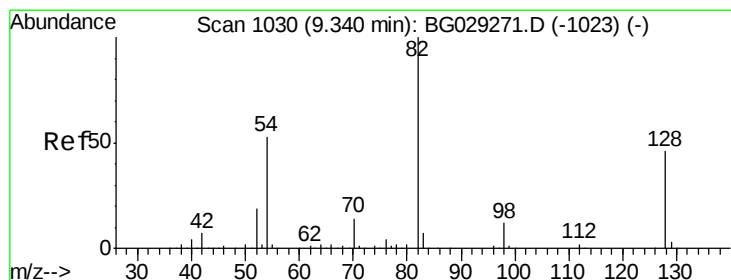
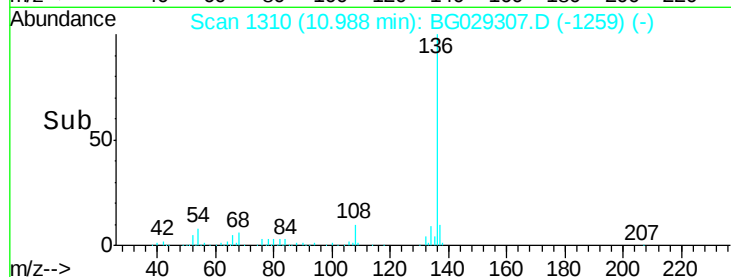
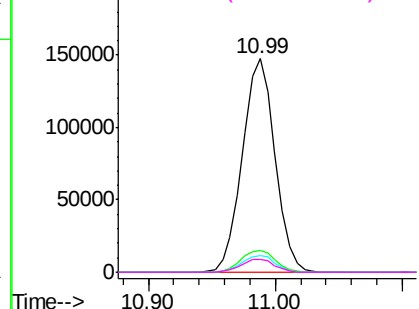
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	262784
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.2 13.8
54	8.0	10.3 15.5#
68	6.1	4.5 6.7

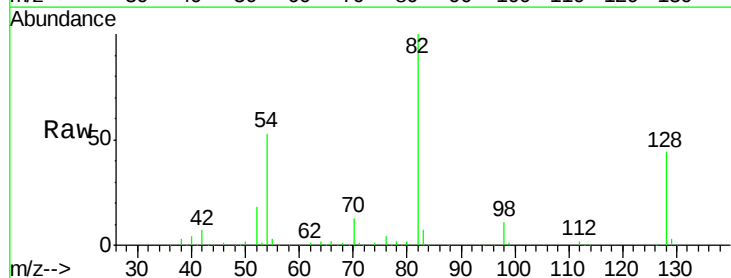


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

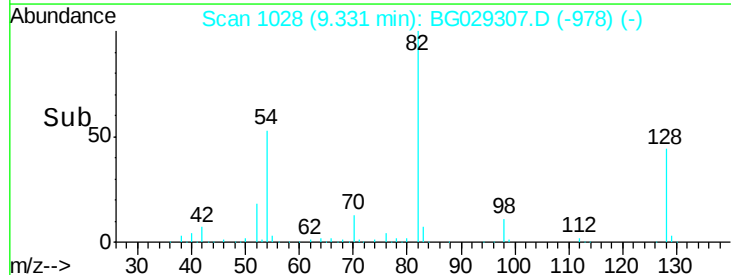
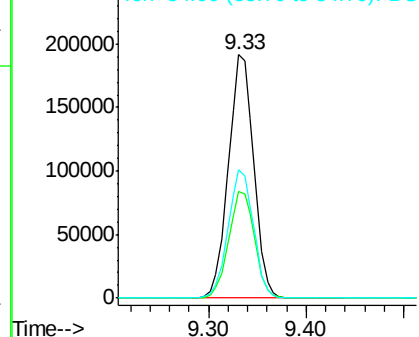


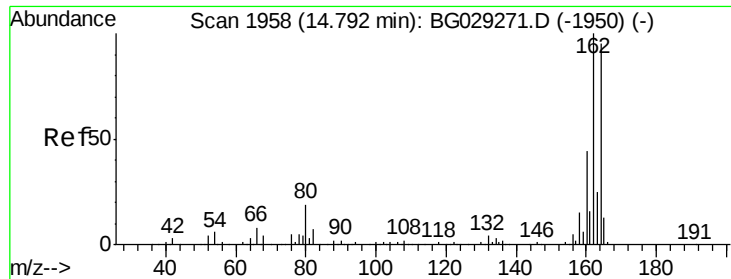
#23
Nitrobenzene-d5
Concen: 83.01 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion: 82	Resp:	343286
Ion Ratio	Lower	Upper
82	100	
128	43.6	29.7 44.5
54	52.6	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: 20.00 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

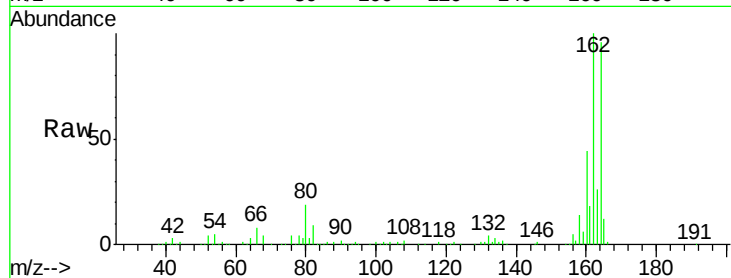
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 172157

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	46.0	35.4	53.0

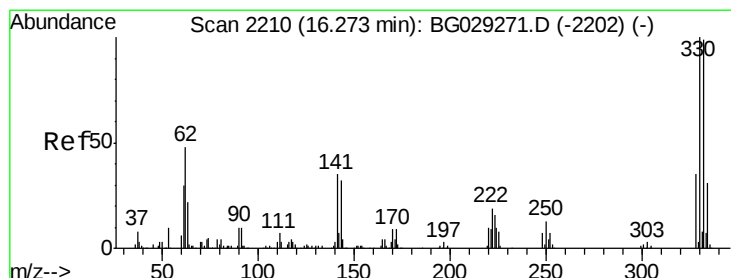
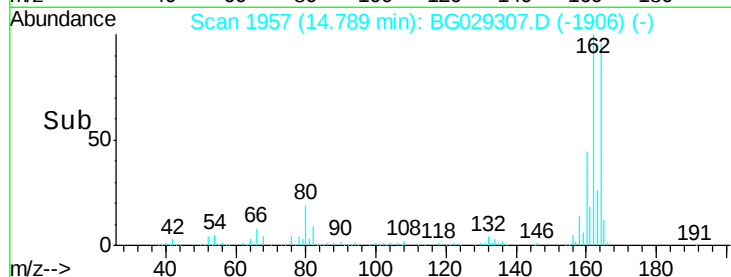
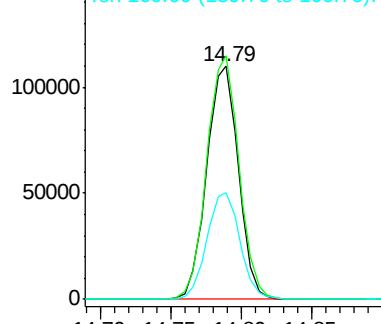


Abundance

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: 127.32 ng

RT: 16.27 min Scan# 2209

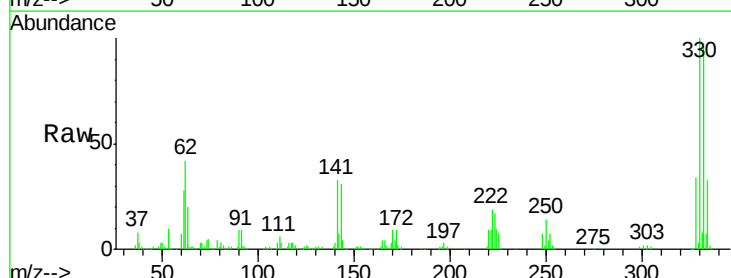
Delta R.T. -0.00 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Tgt Ion:330 Resp: 283000

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.2	25.2	37.8

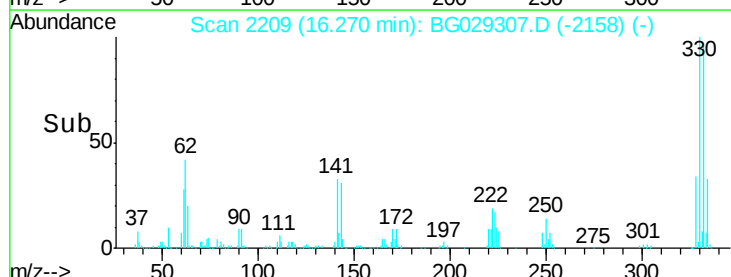
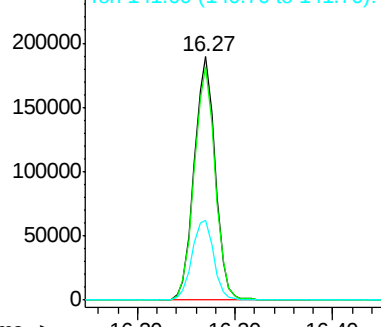


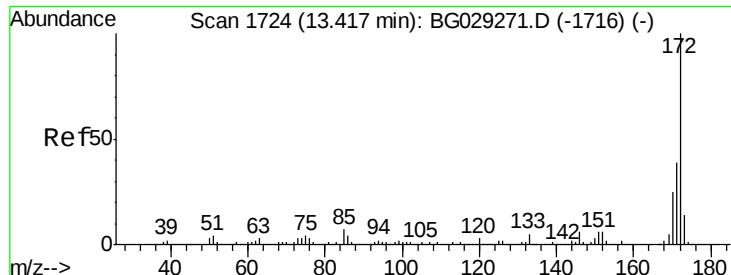
Abundance

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

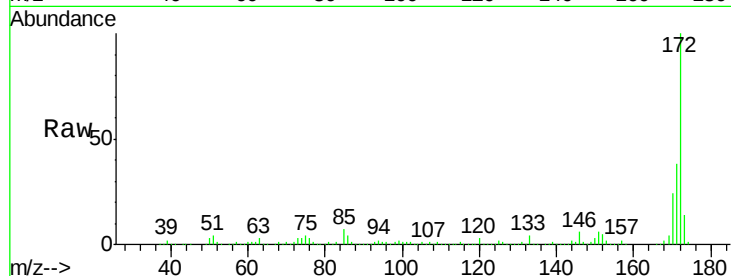




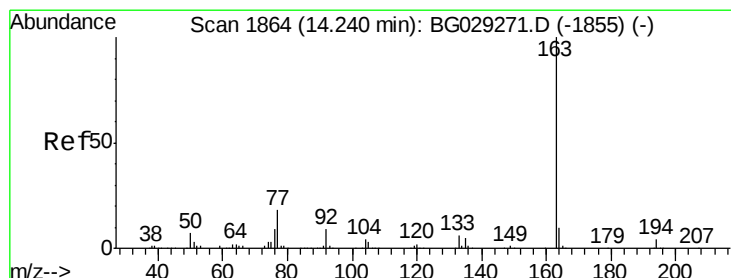
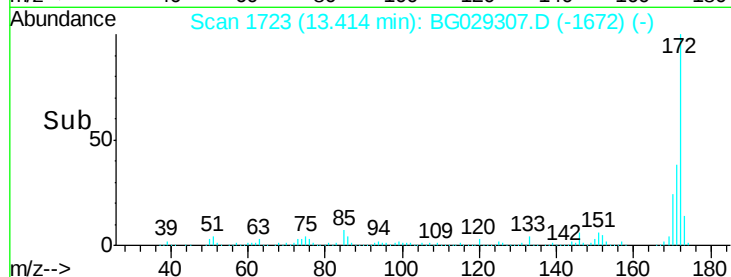
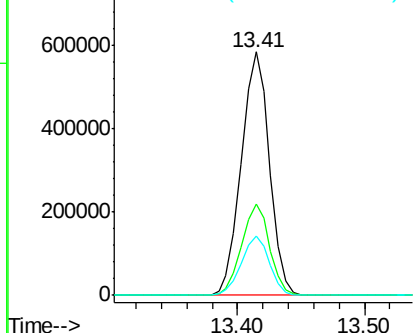
#44
2-Fluorobiphenyl
Concen: 76.58 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	19.5	29.3

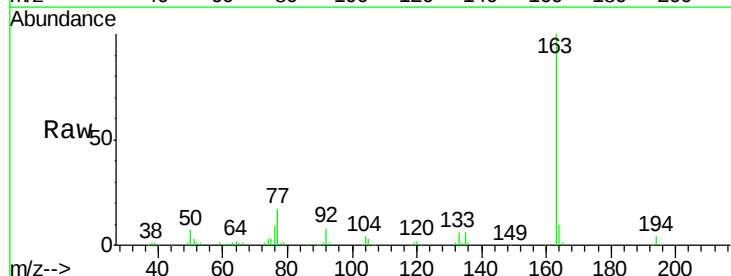


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

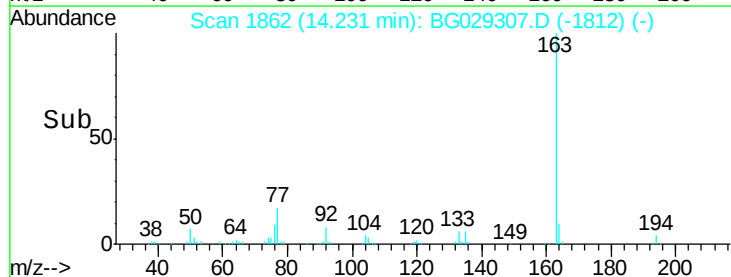
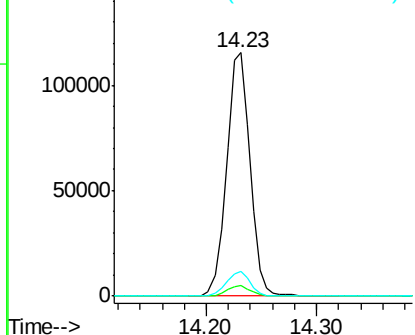


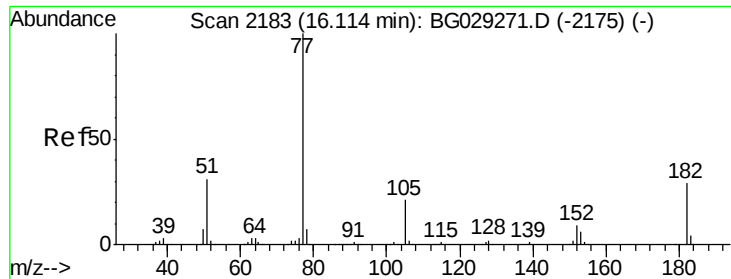
#49
Dimethylphthalate
Concen: 12.75 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	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





#62

Azobenzene

Concen: 11.43 ng

RT: 16.13 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 129017

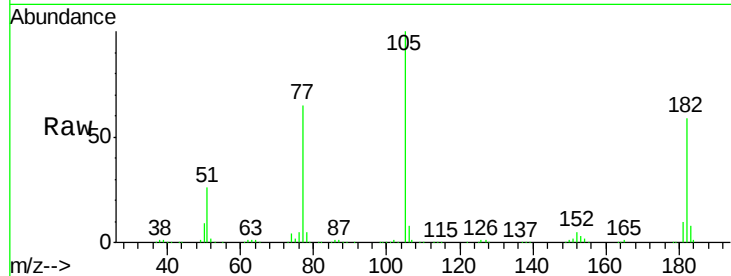
Ion Ratio Lower Upper

77 100

182 90.8 7.4 47.4#

105 152.9 0.3 40.3#

51 40.3 11.6 51.6

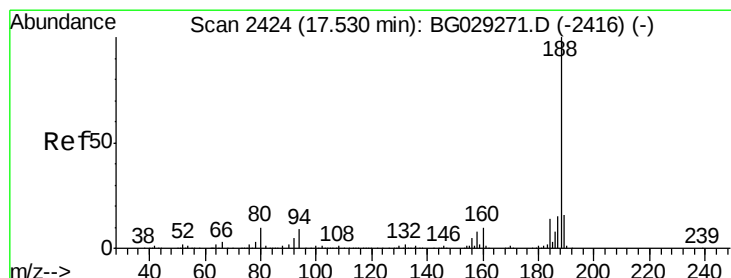
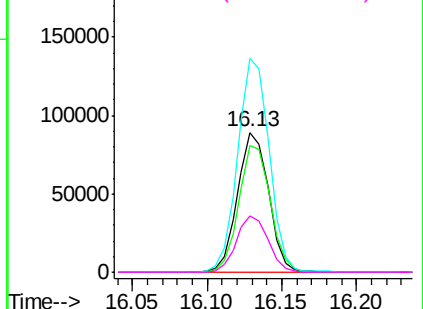
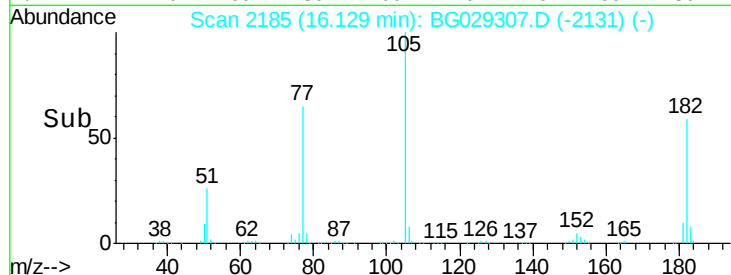


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

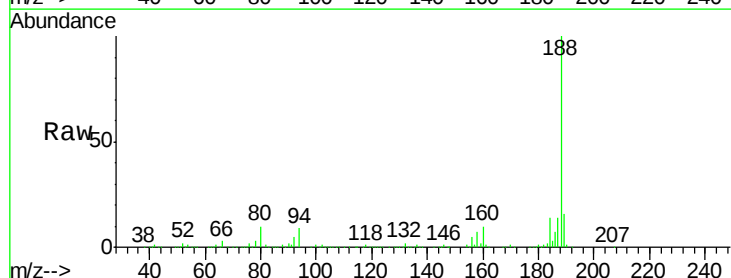
Tgt Ion: 188 Resp: 404621

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

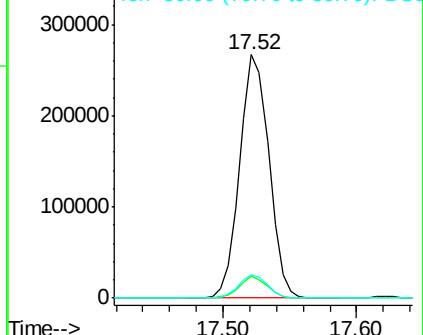
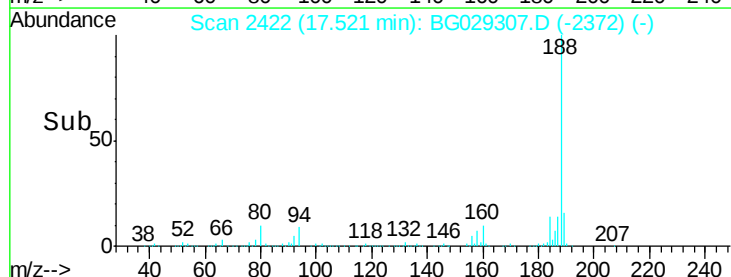
80 9.6 7.7 11.5

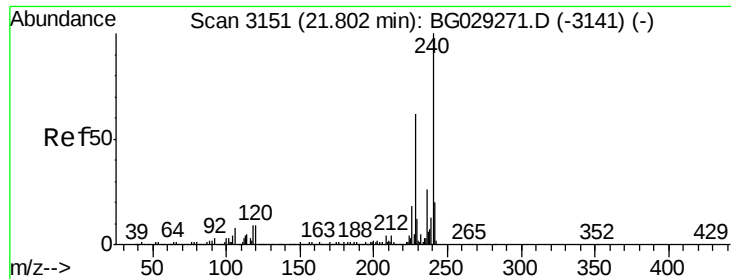


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

Instrument :

BNA_G

ClientSampleId :

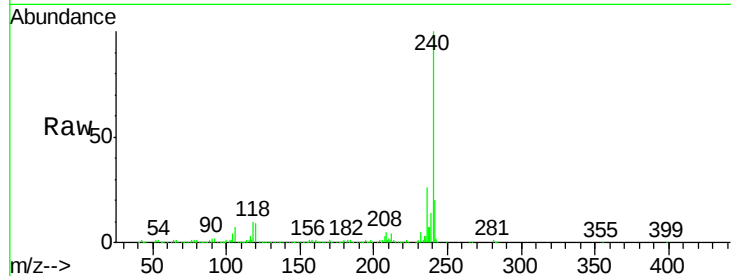
Tot Ion:240 Resp: 425360

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

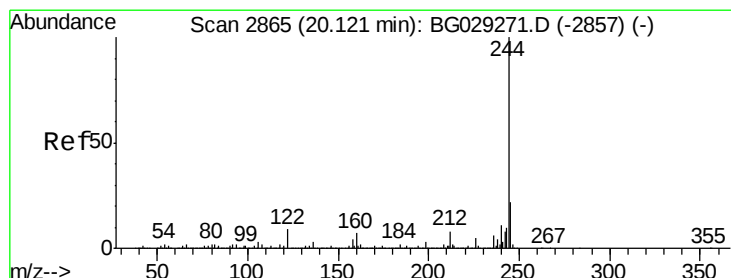
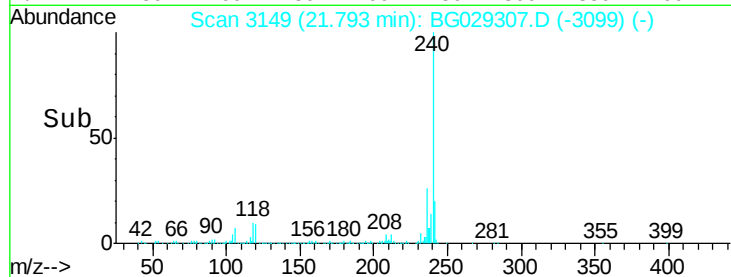
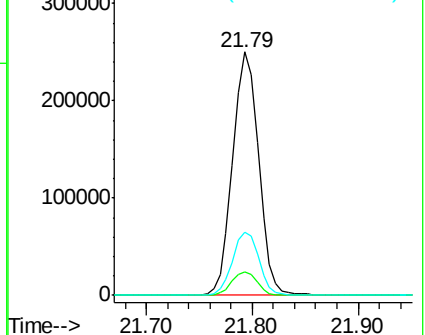
236 25.8 20.9 31.3



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: 68.71 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029307.D

Acq: 17 Oct 2017 18:53

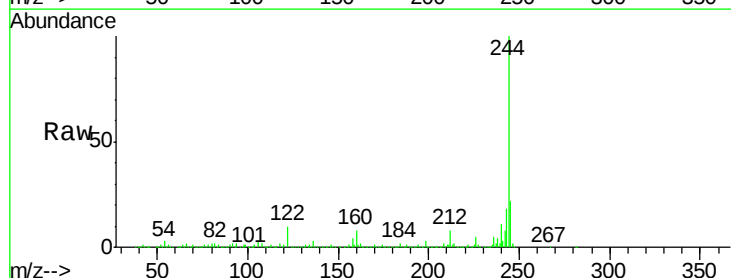
Tgt Ion:244 Resp: 1284794

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

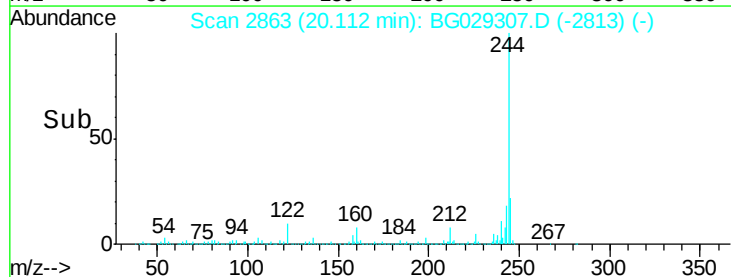
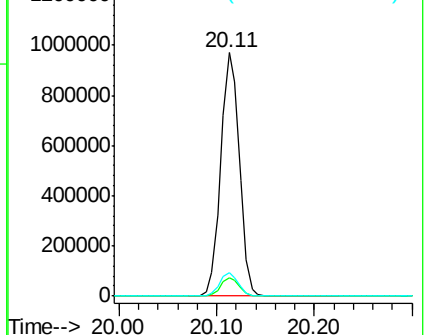
122 9.8 7.0 10.4

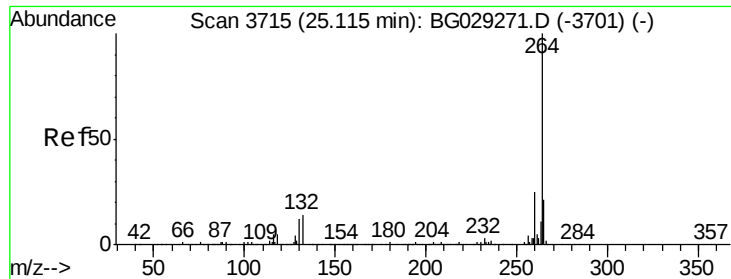


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG029307.D
Acq: 17 Oct 2017 18:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 433850
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 22.0 17.7 26.5

