

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029306.D
 Acq On : 17 Oct 2017 18:13
 Operator : SJ/JU
 Sample : I5794-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:52:54 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

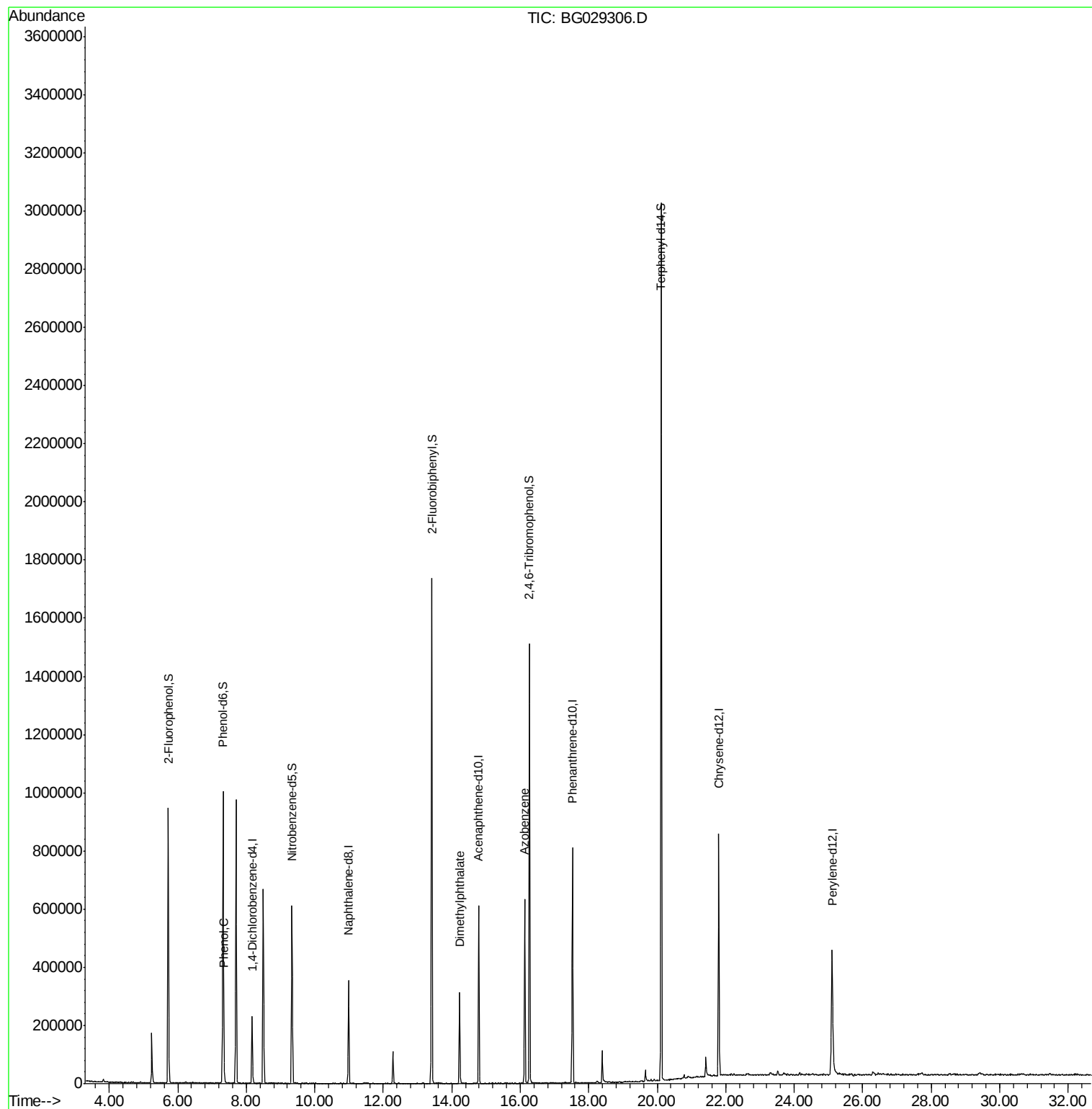
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65548	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	327631	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	216181	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	490651	20.00	ng	0.00
75) Chrysene-d12	21.80	240	519339	20.00	ng	0.00
86) Perylene-d12	25.10	264	527749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	429038	109.34	ng	0.00
7) Phenol-d6	7.32	99	608412	110.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	361414	70.10	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	291019	104.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	950357	64.48	ng	0.00
78) Terphenyl-d14	20.12	244	1340375	58.71	ng	0.00
Target Compounds						
10) Phenol	7.35	94	31887	5.37	ng	Qvalue 95
49) Dimethylphthalate	14.23	163	219969	13.04	ng	100
62) Azobenzene	16.13	77	173331	12.23	ng	# 1

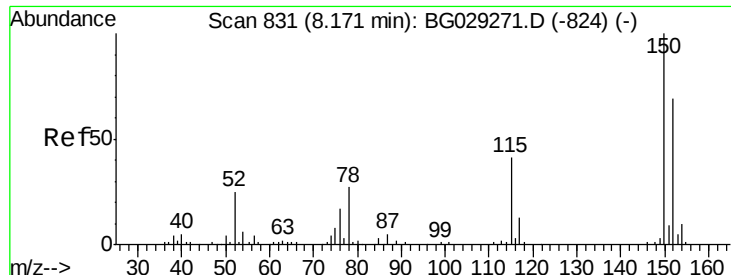
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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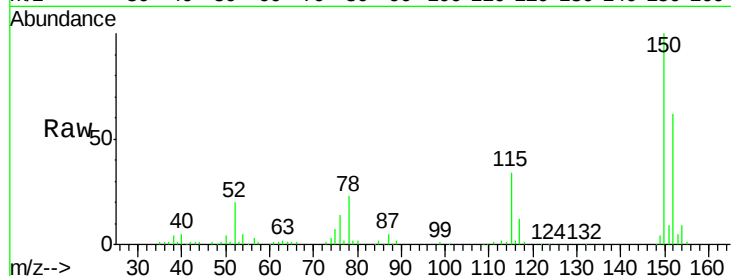


#1

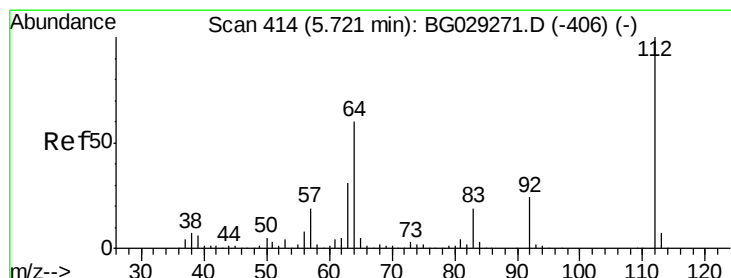
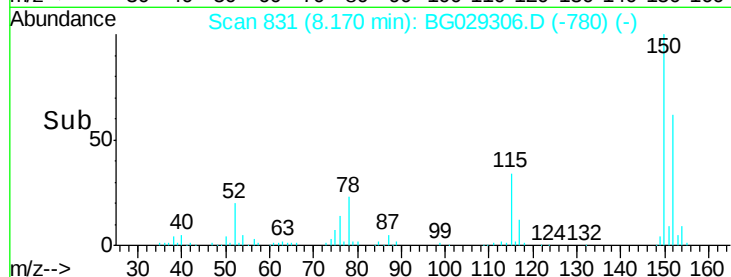
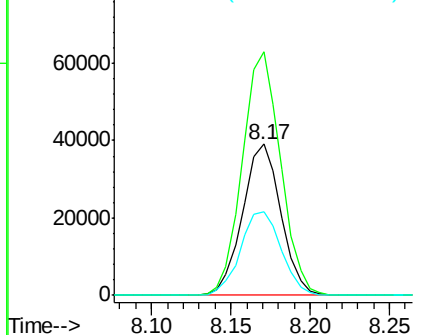
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65548
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 55.4 53.0 79.4



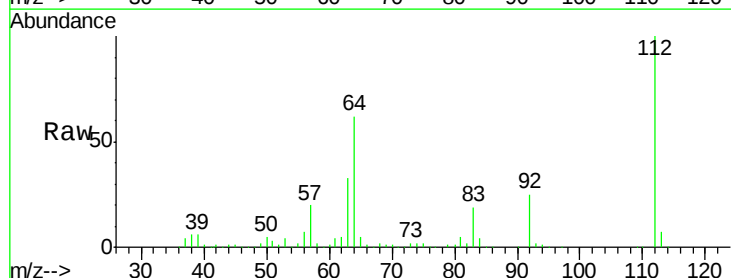
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



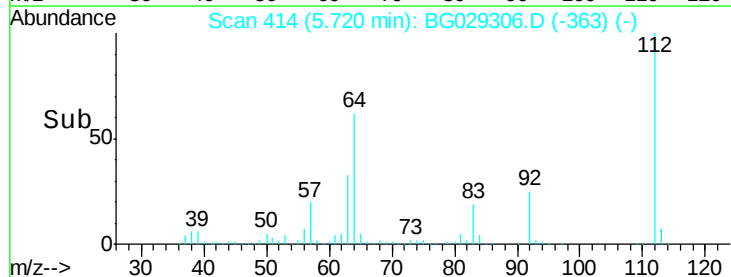
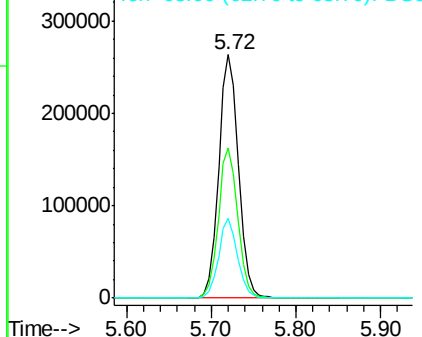
#5

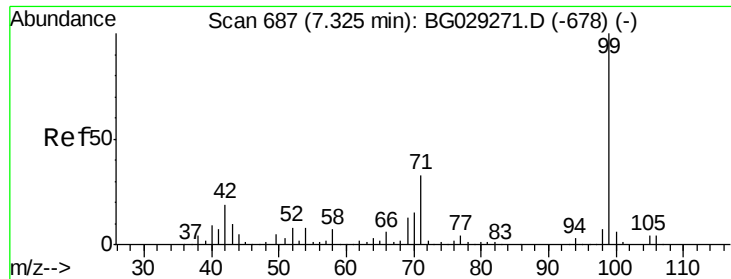
2-Fluorophenol
Concen: 109.34 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion:112 Resp: 429038
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 32.6 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: 110.47 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

Instrument :

BNA_G

ClientSampleId :

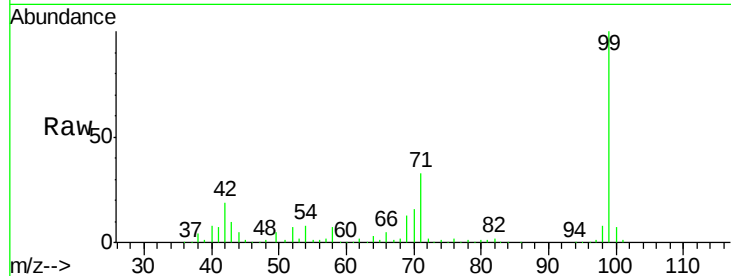
Tot Ion: 99 Resp: 608412

Ion Ratio Lower Upper

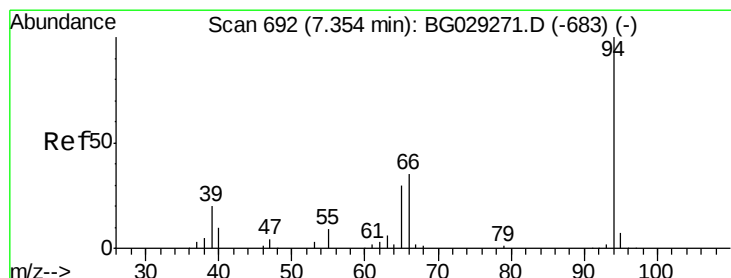
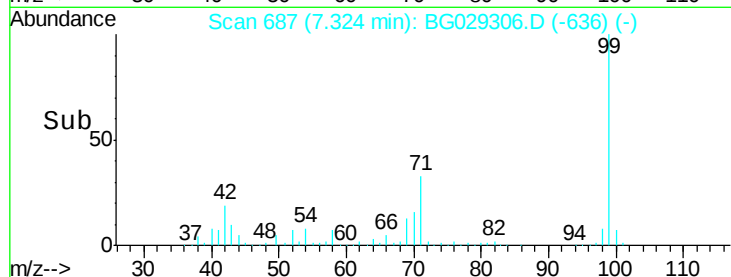
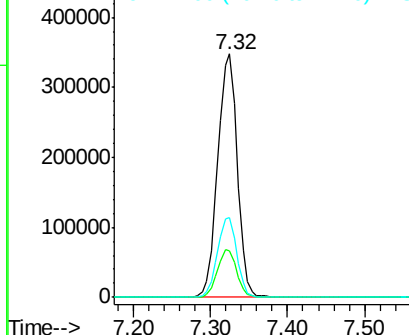
99 100

42 19.0 14.1 21.1

71 32.9 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: 5.37 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

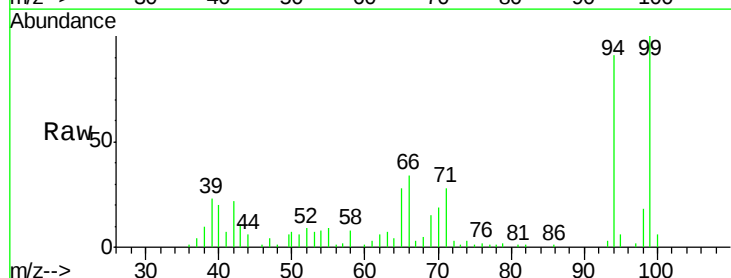
Tgt Ion: 94 Resp: 31887

Ion Ratio Lower Upper

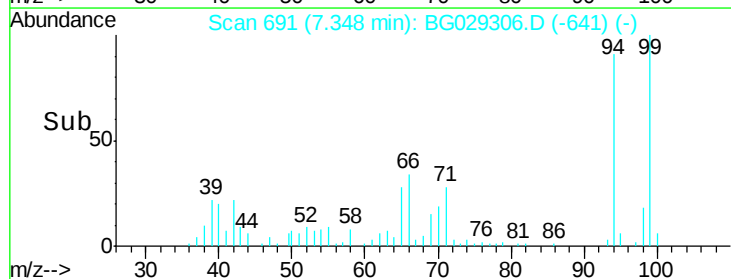
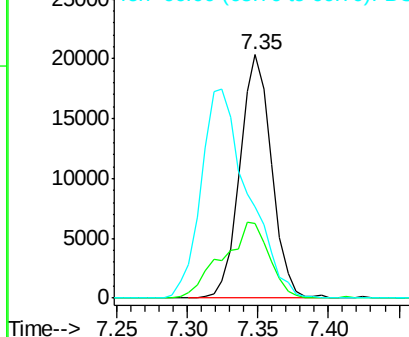
94 100

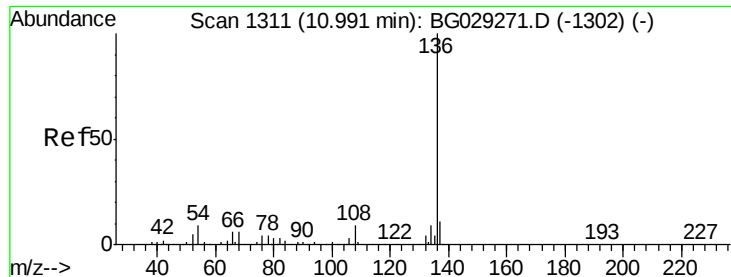
65 30.7 11.9 51.9

66 37.3 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

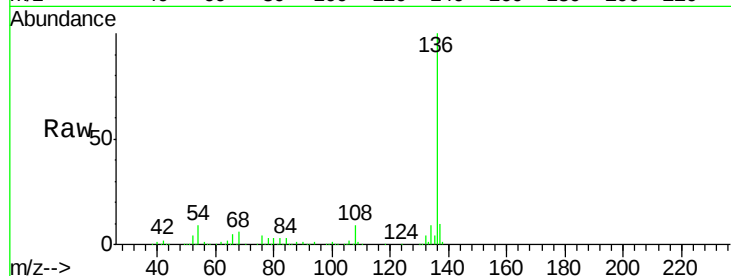




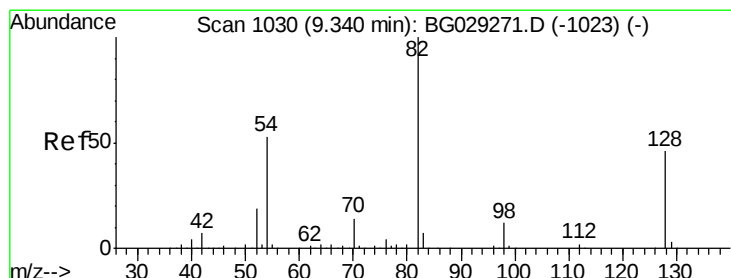
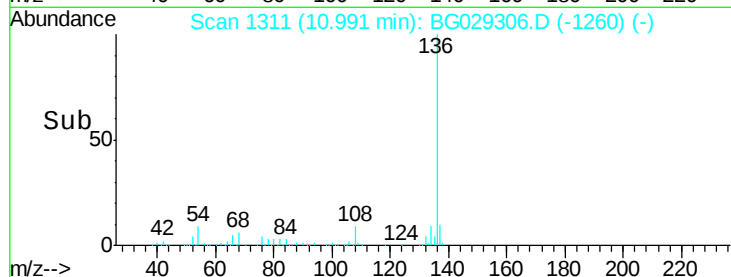
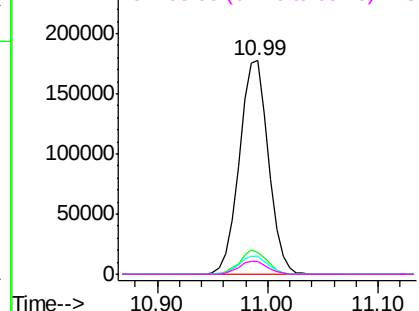
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	327631
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	8.6	10.3 15.5#
68	5.8	4.5 6.7

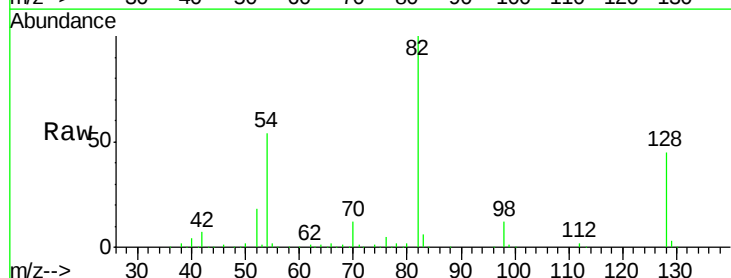


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

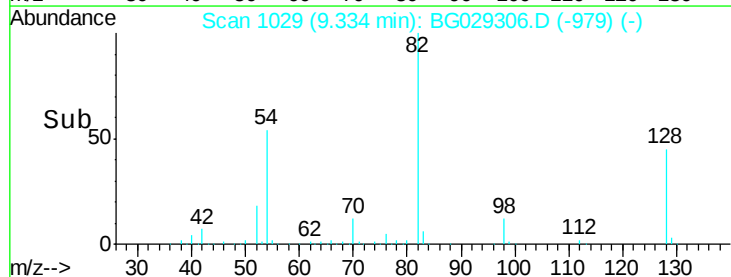
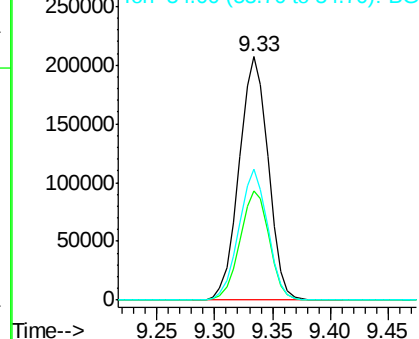


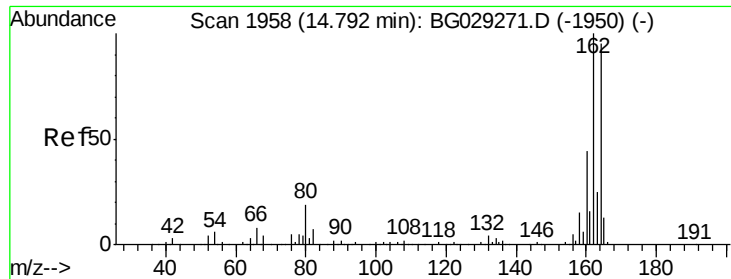
#23
Nitrobenzene-d5
Concen: 70.10 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion: 82	Resp:	361414
Ion Ratio	Lower	Upper
82	100	
128	45.1	29.7 44.5#
54	53.6	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. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

Instrument :

BNA_G

ClientSampleId :

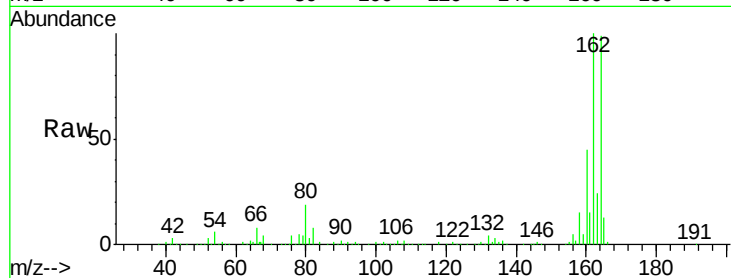
Tot Ion:164 Resp: 216181

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

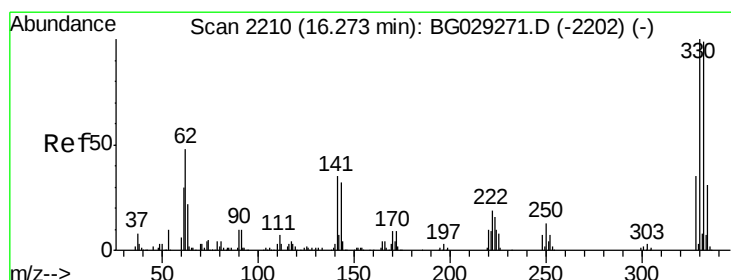
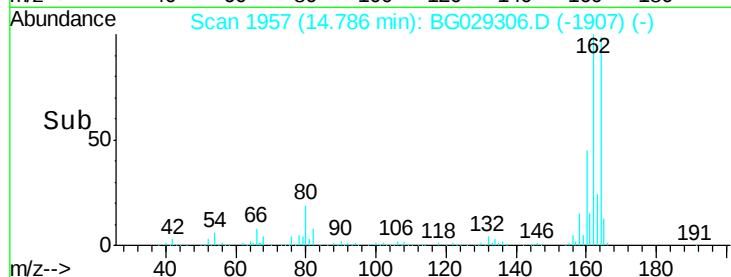
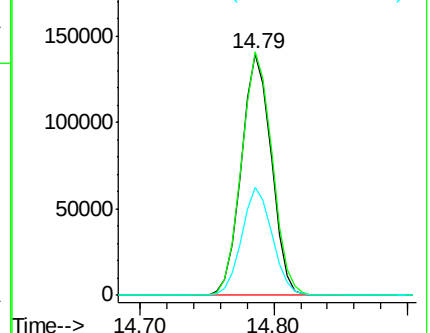
160 45.0 35.4 53.0



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: 104.27 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

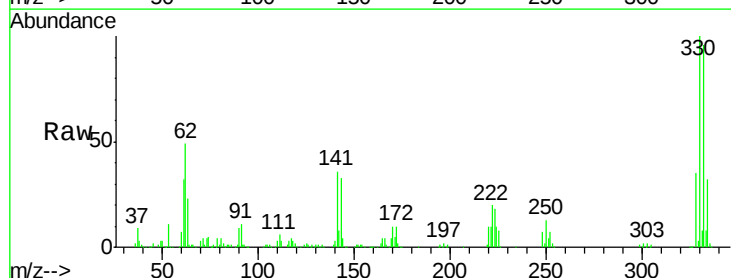
Tgt Ion:330 Resp: 291019

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

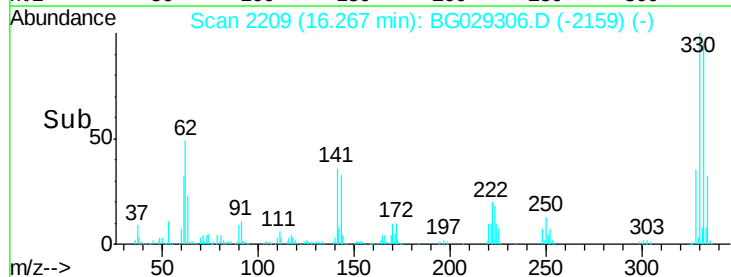
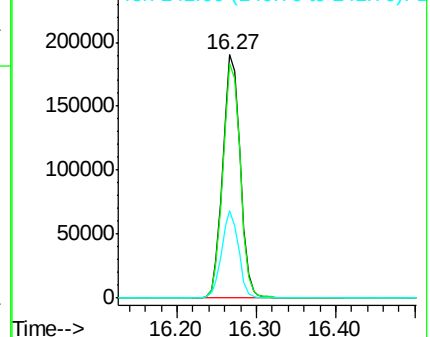
141 34.4 25.2 37.8

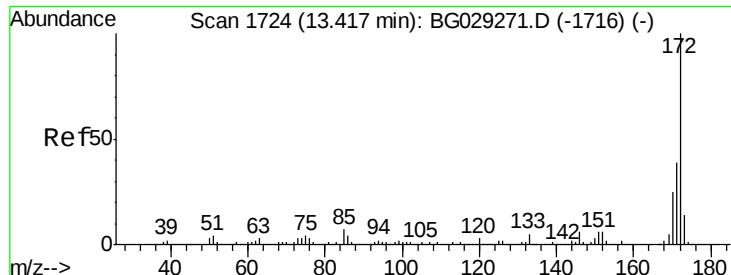


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

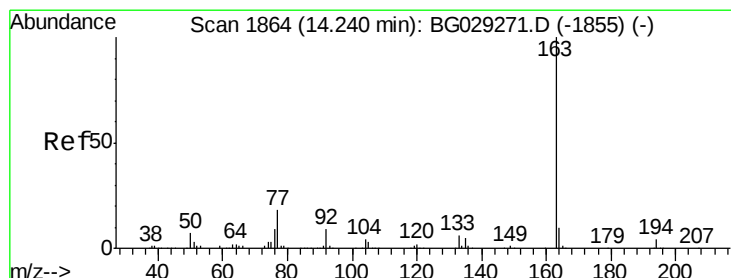
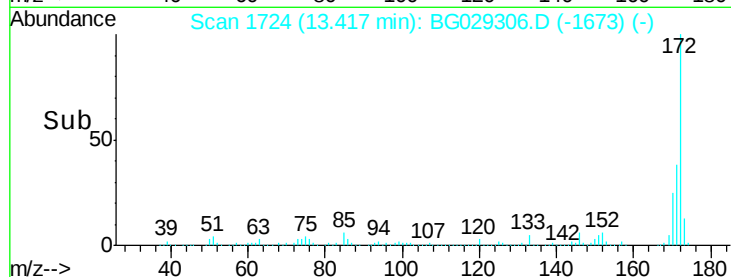
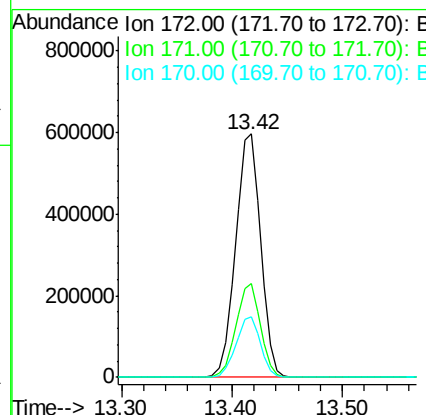
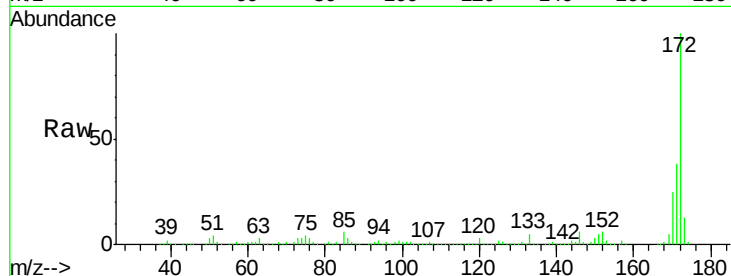




#44
2-Fluorobiphenyl
Concen: 64.48 ng
RT: 13.42 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

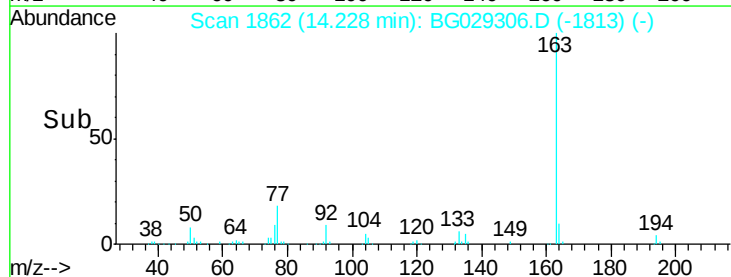
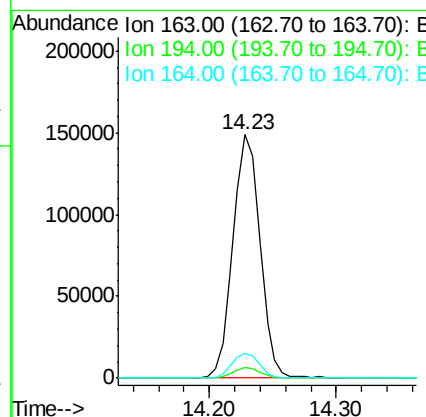
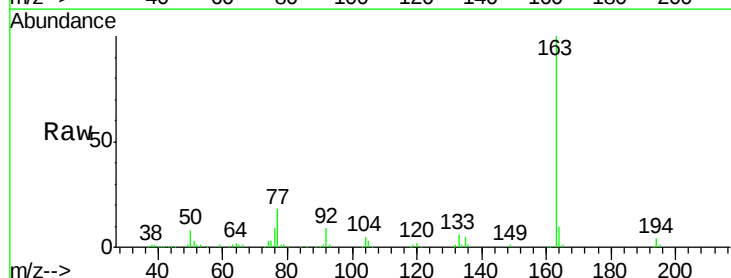
Instrument :
BNA_G
ClientSampleId :

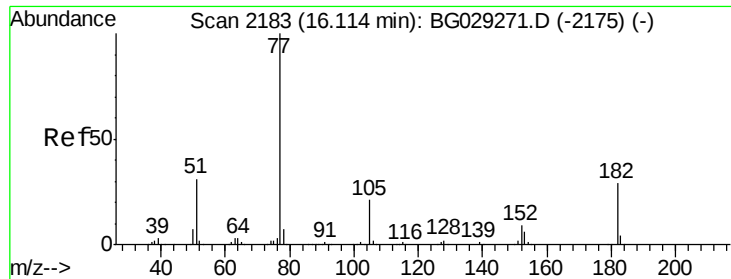
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.1	19.5	29.3



#49
Dimethylphthalate
Concen: 13.04 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029306.D
Acq: 17 Oct 2017 18:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.2	12.4





#62

Azobenzene

Concen: 12.23 ng

RT: 16.13 min Scan# 2186

Delta R.T. 0.02 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 173331

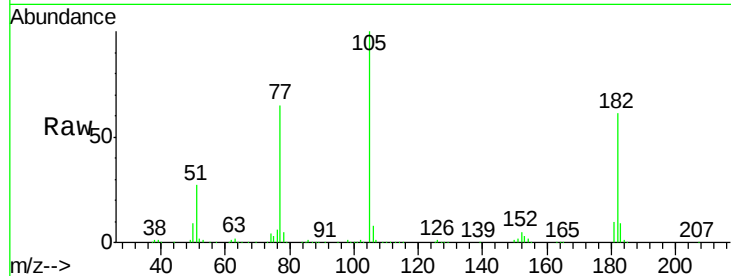
Ion Ratio Lower Upper

77 100

182 93.1 7.4 47.4#

105 153.8 0.3 40.3#

51 40.9 11.6 51.6

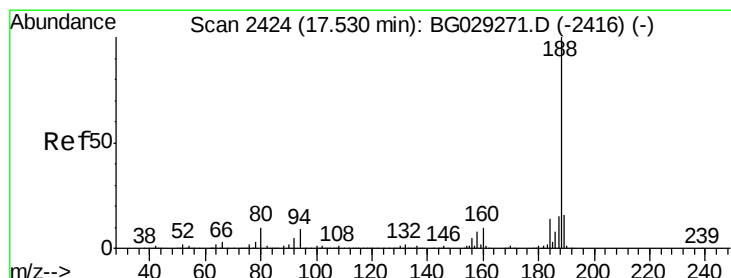
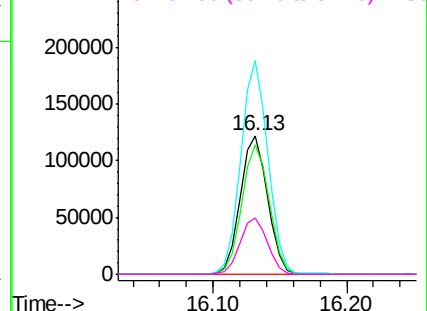
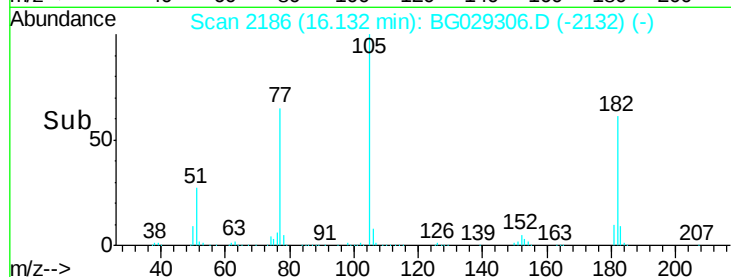


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2423

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

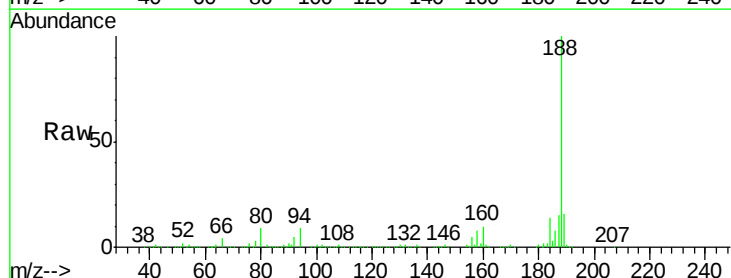
Tgt Ion: 188 Resp: 490651

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

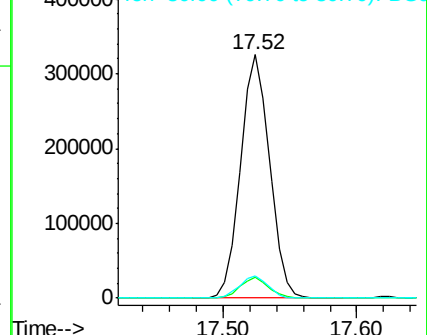
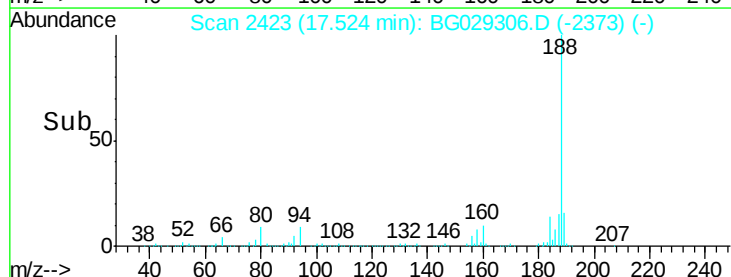
80 9.2 7.7 11.5

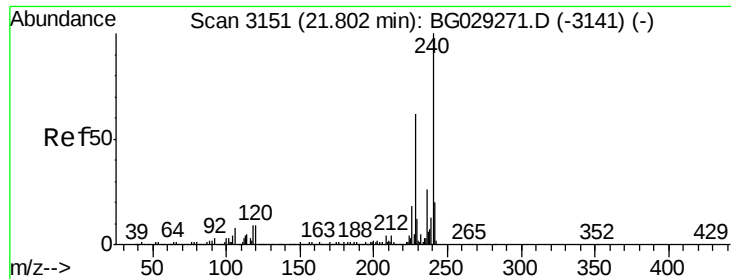


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

Instrument :

BNA_G

ClientSampleId :

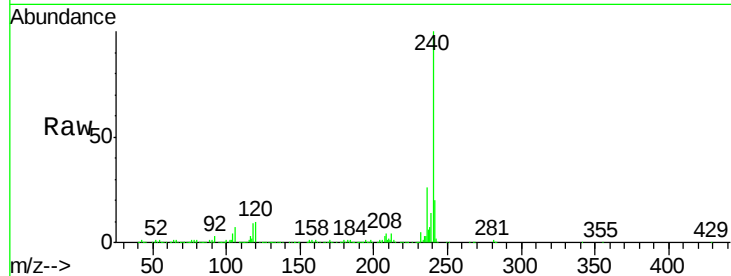
Tot Ion:240 Resp: 519339

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

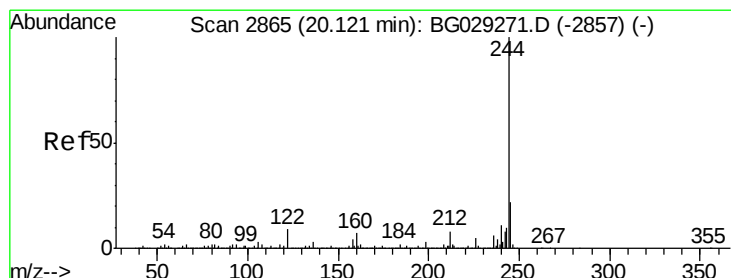
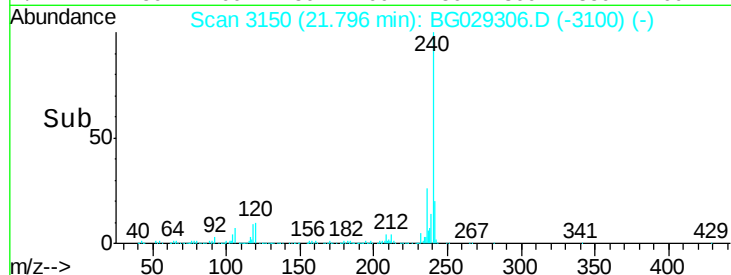
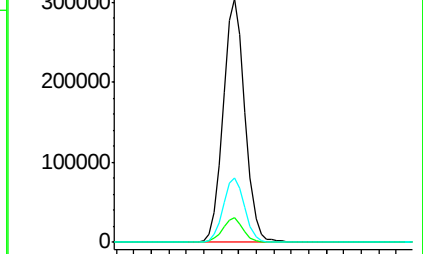
236 26.4 20.9 31.3



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: 58.71 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029306.D

Acq: 17 Oct 2017 18:13

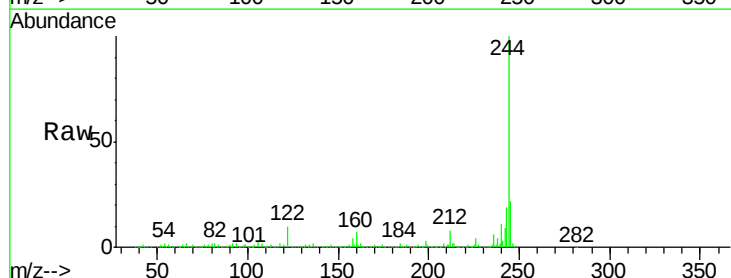
Tgt Ion:244 Resp: 1340375

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

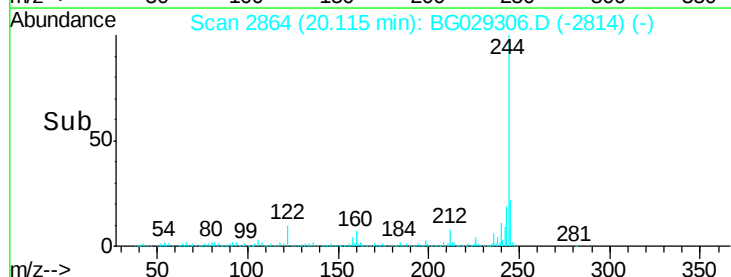
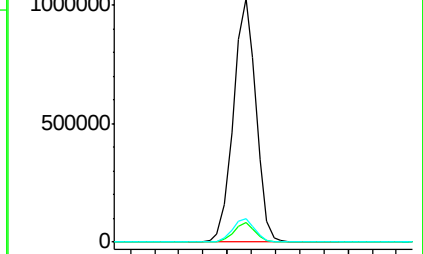
122 9.6 7.0 10.4

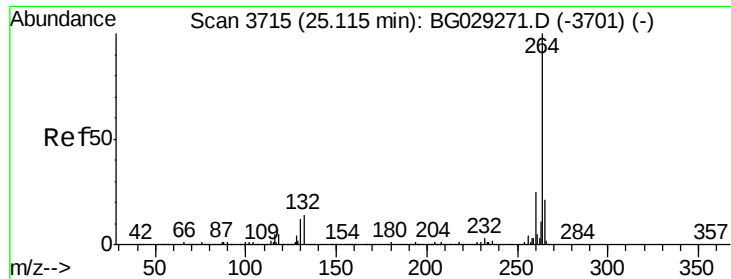


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

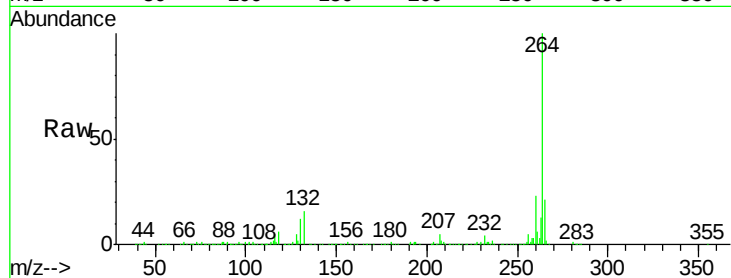




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029306.D
 Acq: 17 Oct 2017 18:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 527749
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

