

Data File : BG030614.D
Acq On : 31 Oct 2017 16:12
Operator : SJ/JU
Sample : I6133-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Quant Time: Nov 01 06:27:58 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	8.16	152	75170	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	364255	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	247312	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	547734	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	573630	20.00	ng	-0.02
86) Perylene-d12	25.10	264	578059	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	427472	95.00	ng	0.00
7) Phenol-d6	7.32	99	607212	96.14	ng	0.00
23) Nitrobenzene-d5	9.32	82	357159	62.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	299284	93.73	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1074732	63.74	ng	-0.02
78) Terphenyl-d14	20.11	244	1524583	60.46	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	24404	3.58	ng	97
49) Dimethylphthalate	14.22	163	143995	7.46	ng	98
62) Azobenzene	16.12	77	62537	3.86	ng	# 1

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

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SW-01(17.5-19.5)

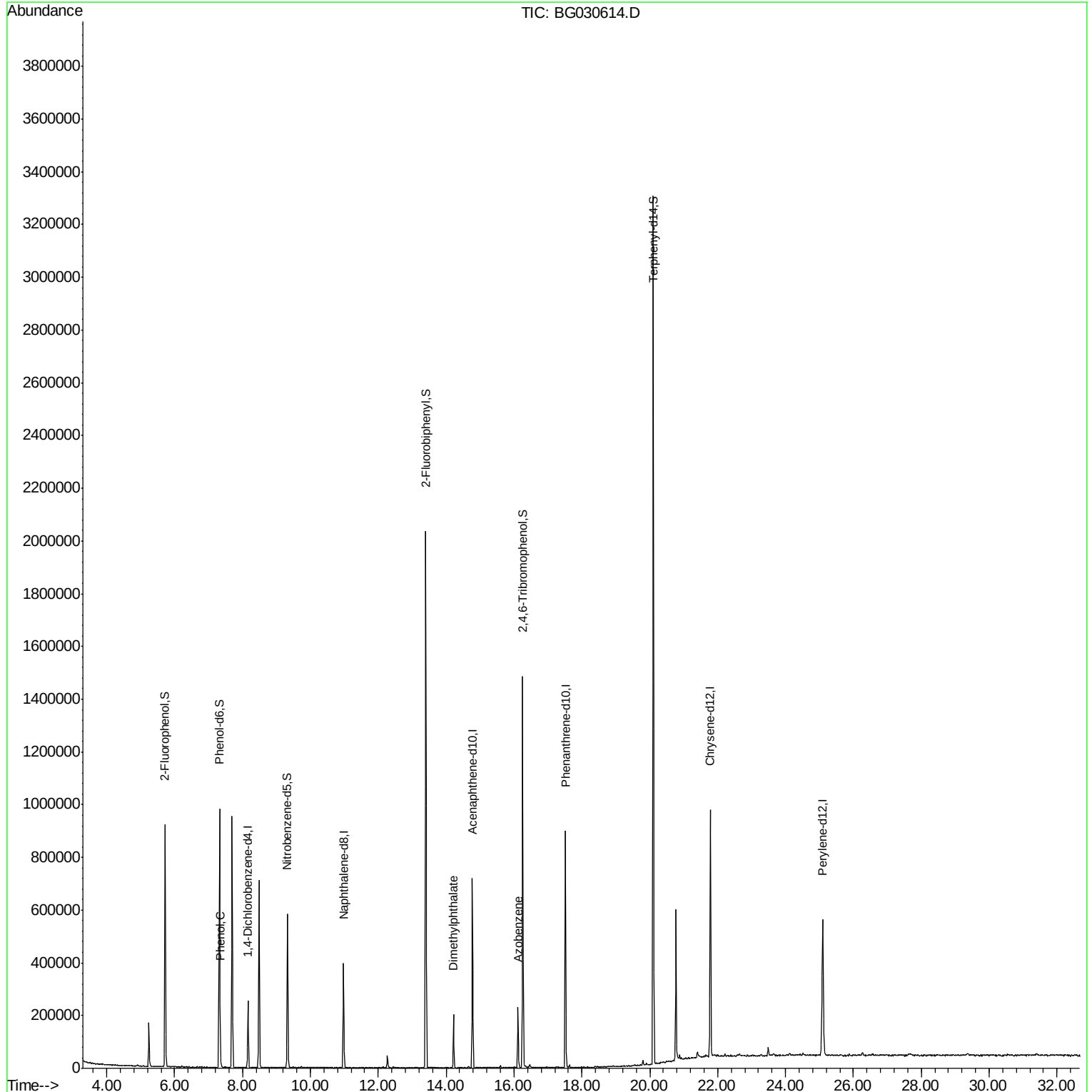
Quant Time: Nov 01 06:27:58 2017

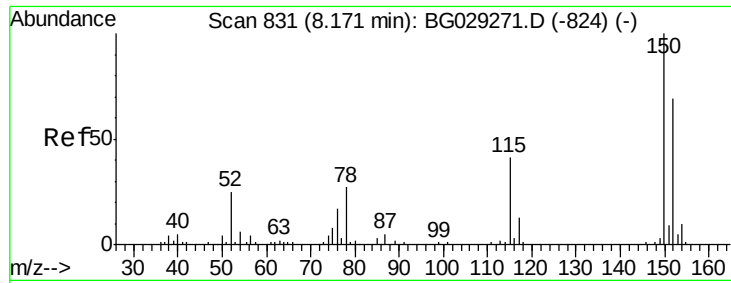
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 16 17:32:15 2017

Response via : Initial Calibration

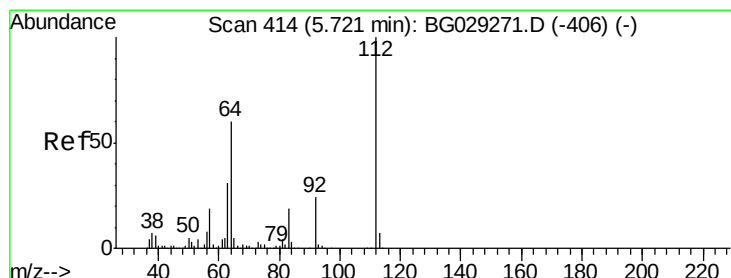
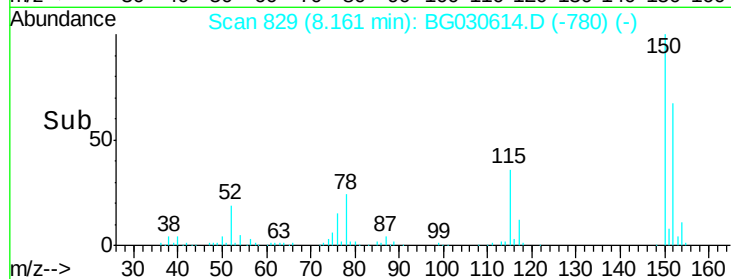
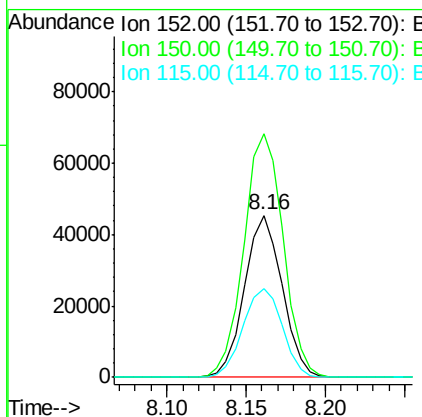
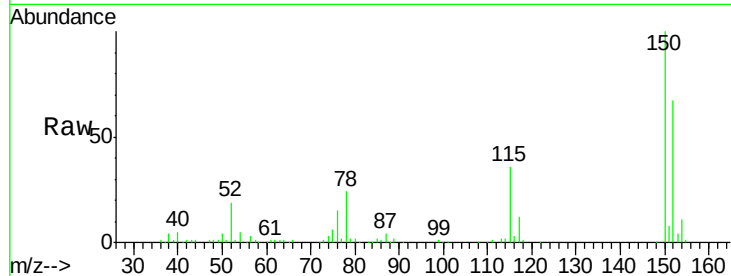




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG030614.D
 Acq: 31 Oct 2017 16:12

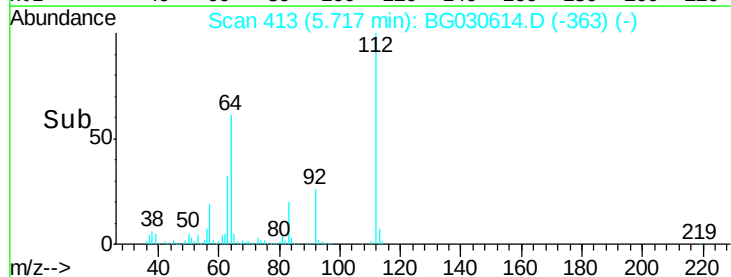
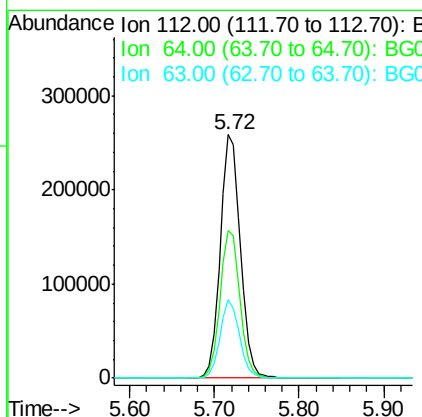
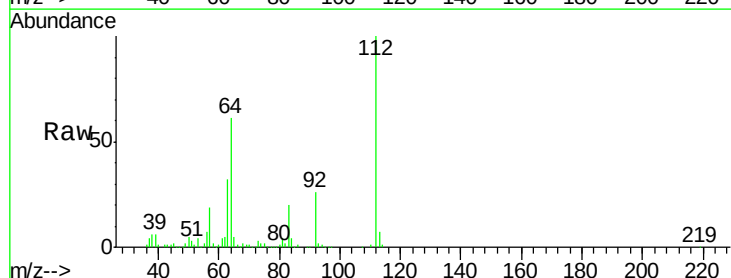
Instrument :
 BNA_G
 ClientSampleId :
 SW-01(17.5-19.5)

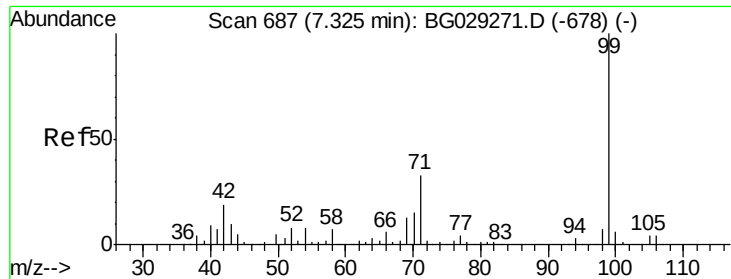
Tgt Ion:152 Resp: 75170
 Ion Ratio Lower Upper
 152 100
 150 150.0 126.6 189.8
 115 54.6 53.0 79.4



#5
 2-Fluorophenol
 Concen: 95.00 ng
 RT: 5.72 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BG030614.D
 Acq: 31 Oct 2017 16:12

Tgt Ion:112 Resp: 427472
 Ion Ratio Lower Upper
 112 100
 64 60.8 56.3 84.5
 63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 96.14 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

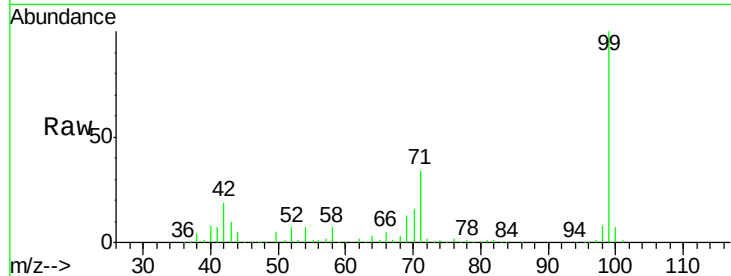
Tgt Ion: 99 Resp: 607212

Ion Ratio Lower Upper

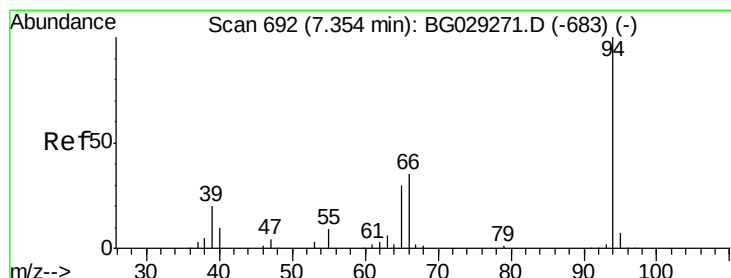
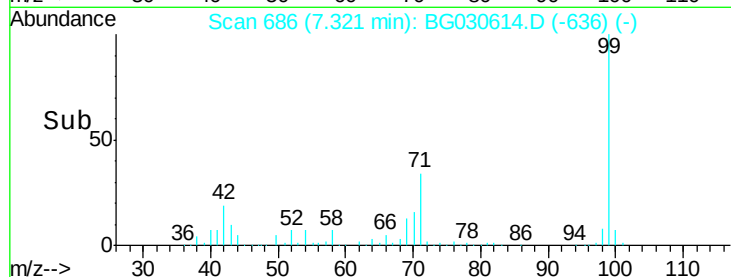
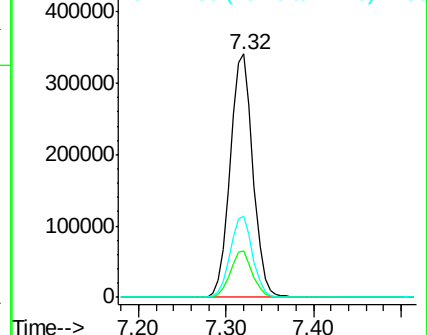
99 100

42 18.9 14.1 21.1

71 33.5 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: 3.58 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

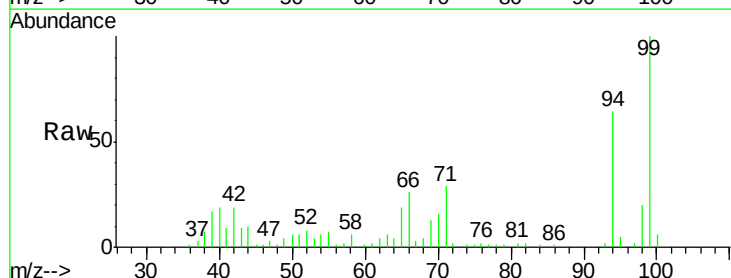
Tgt Ion: 94 Resp: 24404

Ion Ratio Lower Upper

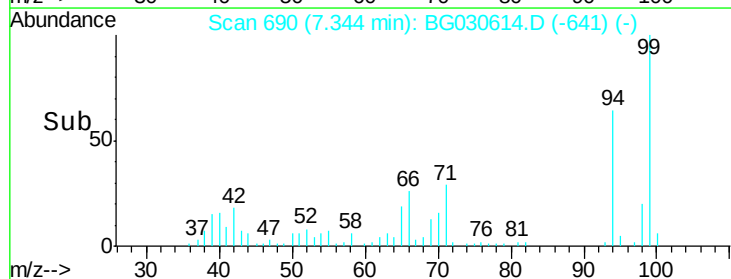
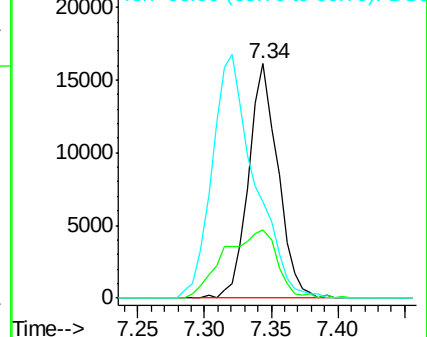
94 100

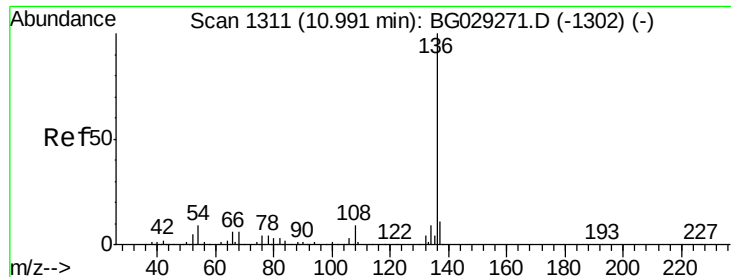
65 29.0 11.9 51.9

66 41.0 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

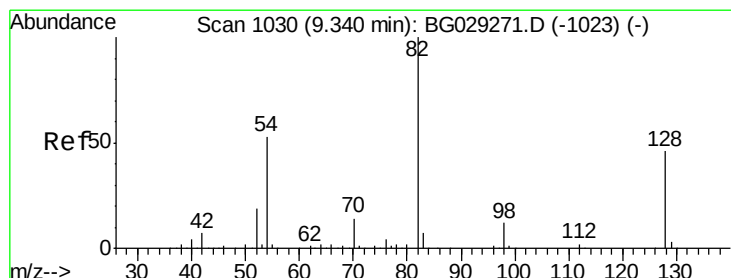
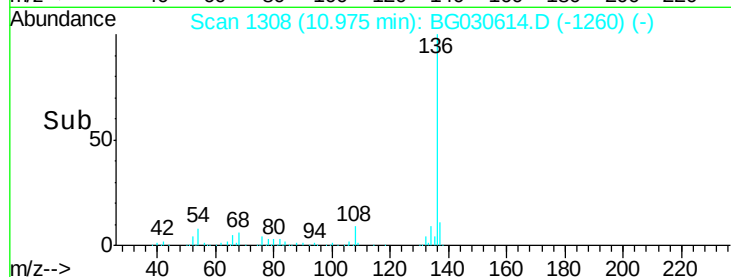
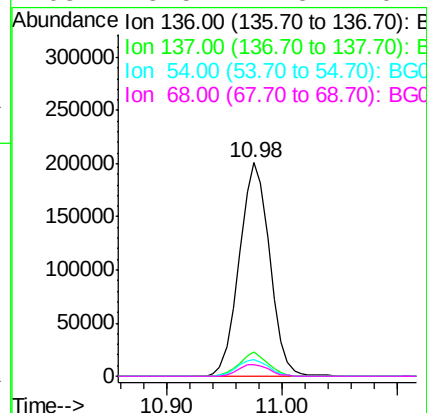
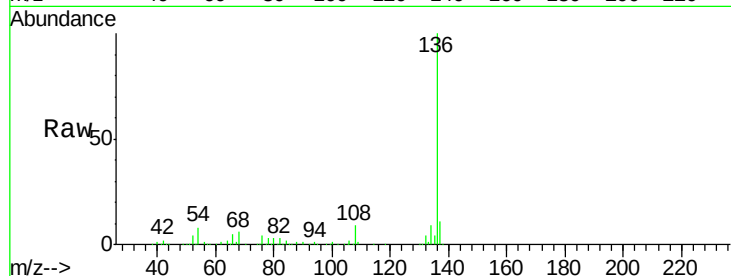




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

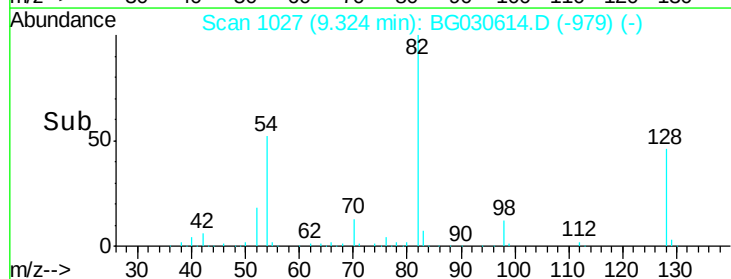
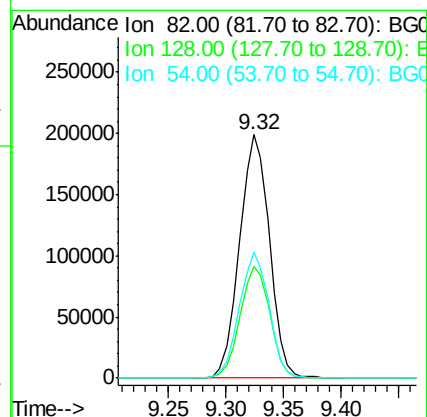
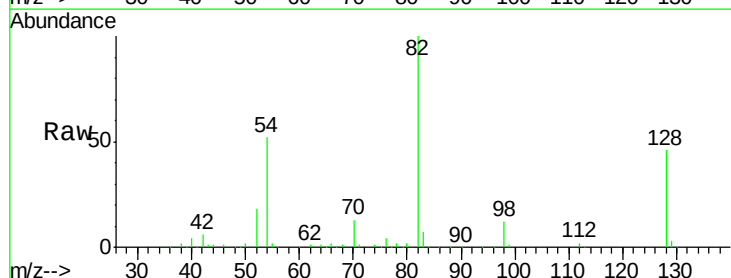
Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

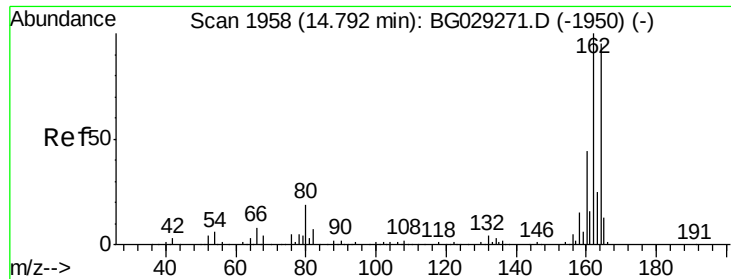
Tgt Ion:	136	Resp:	364255
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 62.31 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:	82	Resp:	357159
Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	51.8	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

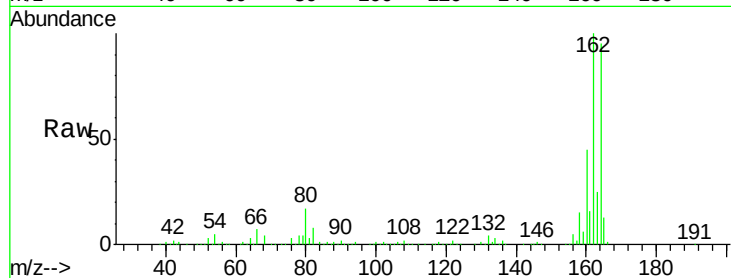
Tgt Ion:164 Resp: 247312

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

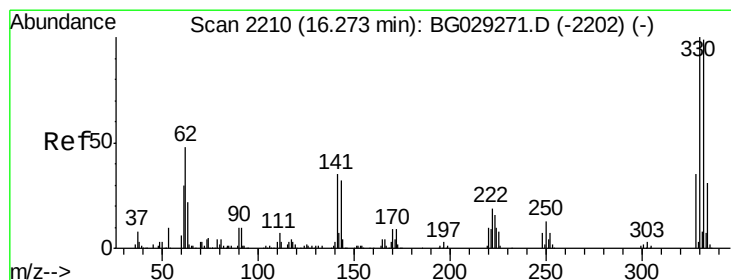
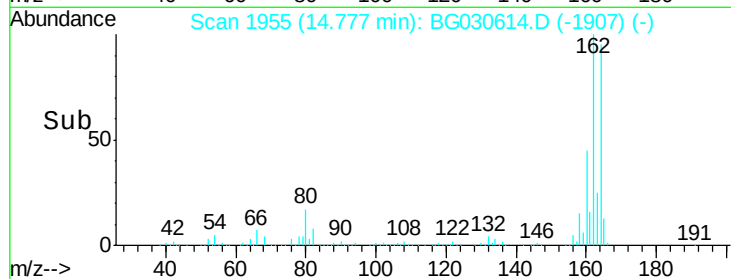
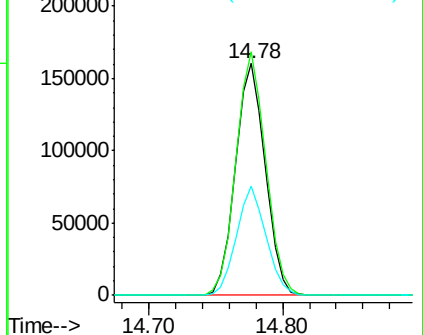
160 47.0 35.4 53.0



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: 93.73 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

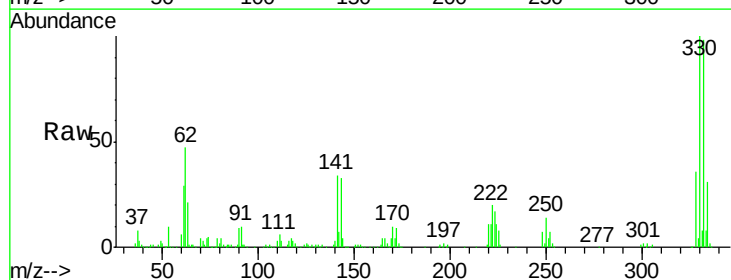
Tgt Ion:330 Resp: 299284

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

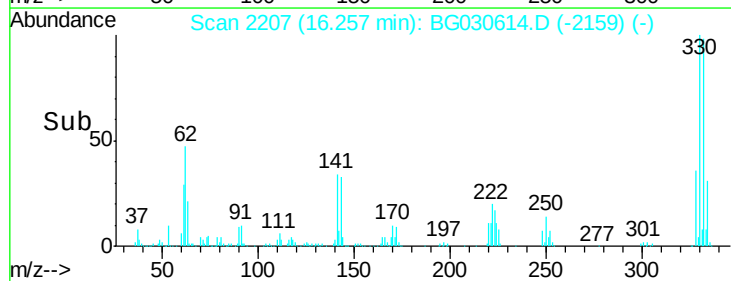
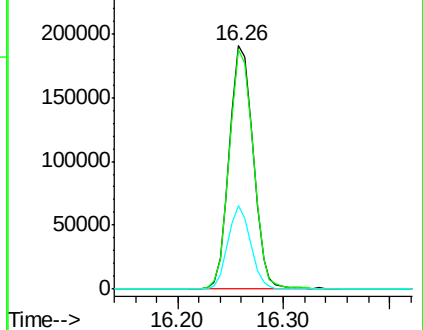
141 32.5 25.2 37.8

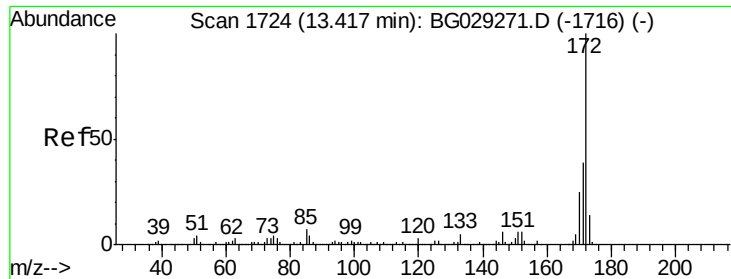


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

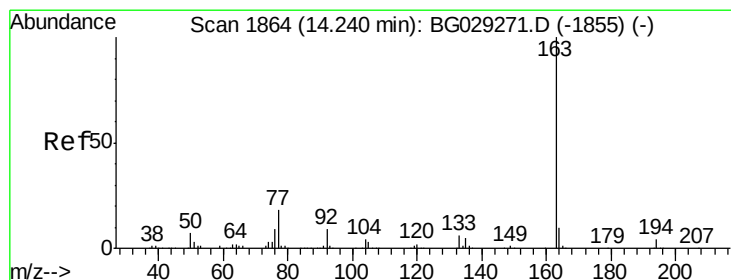
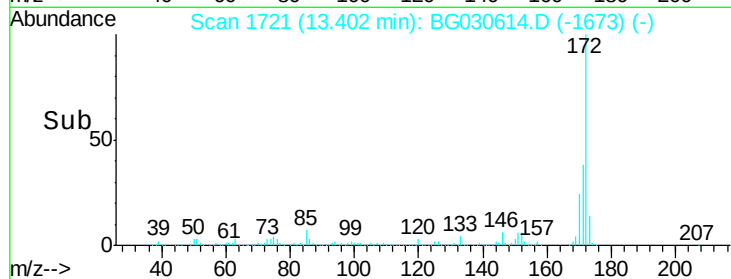
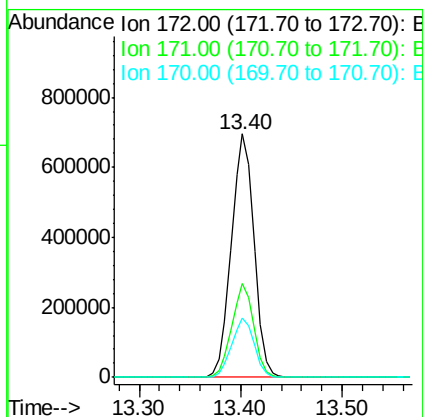
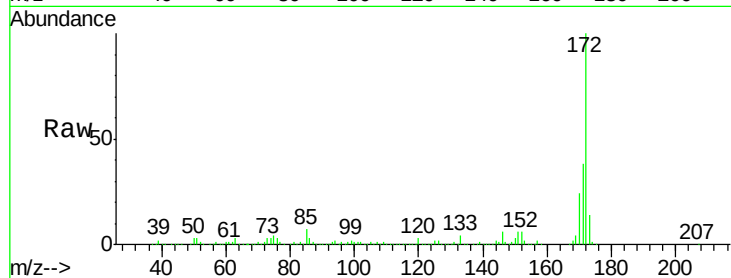




#44
2-Fluorobiphenyl
Concen: 63.74 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

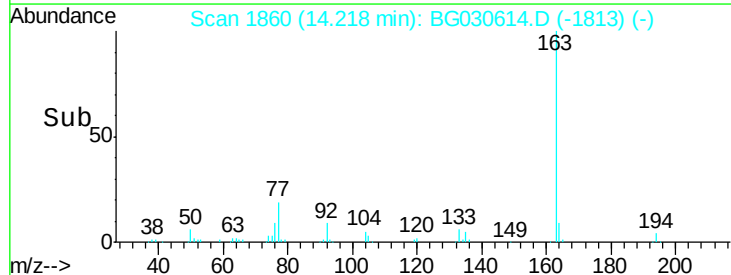
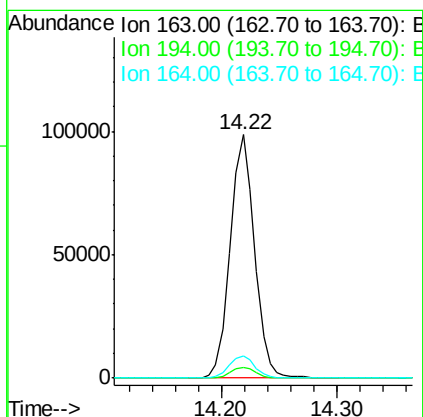
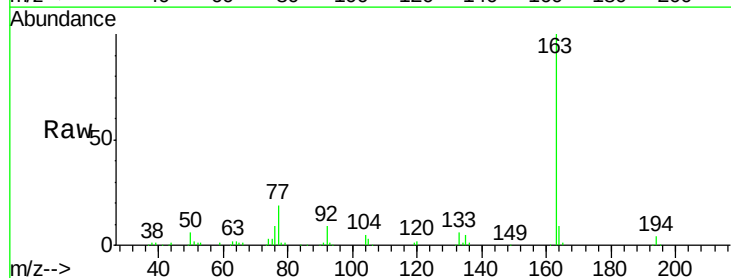
Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

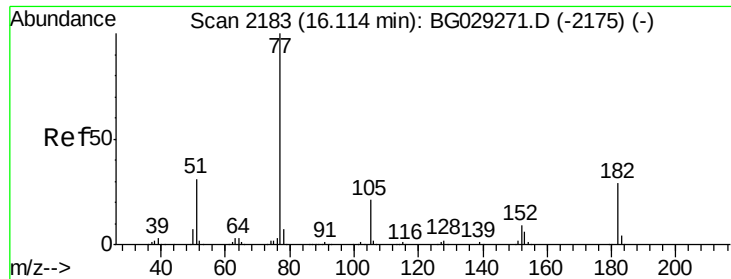
Tgt Ion:172 Resp: 1074732
Ion Ratio Lower Upper
172 100
171 38.4 30.0 45.0
170 24.5 19.5 29.3



#49
Dimethylphthalate
Concen: 7.46 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:163 Resp: 143995
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.4 8.2 12.4





#62

Azobenzene

Concen: 3.86 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

Tgt Ion: 77 Resp: 62537

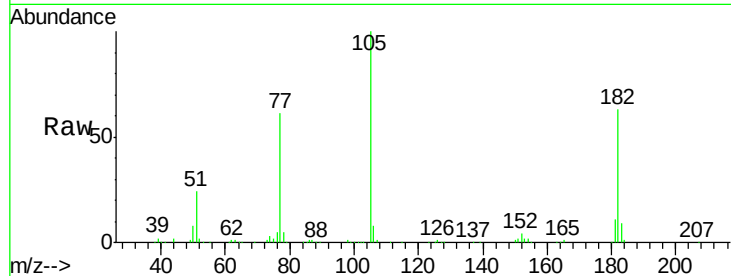
Ion Ratio Lower Upper

77 100

182 103.6 7.4 47.4#

105 165.0 0.3 40.3#

51 40.2 11.6 51.6

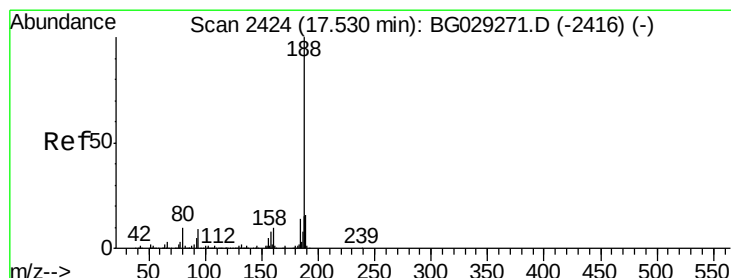
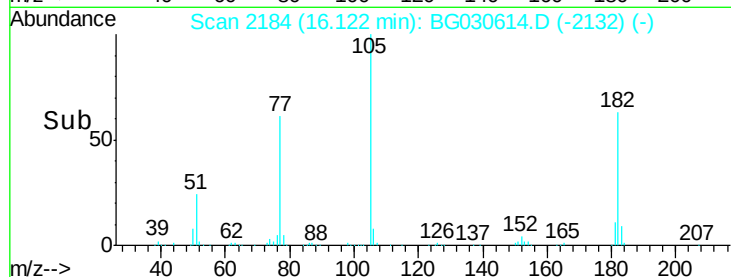
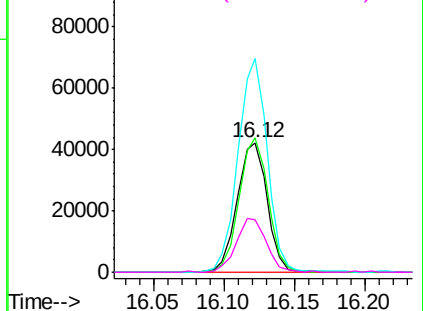


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

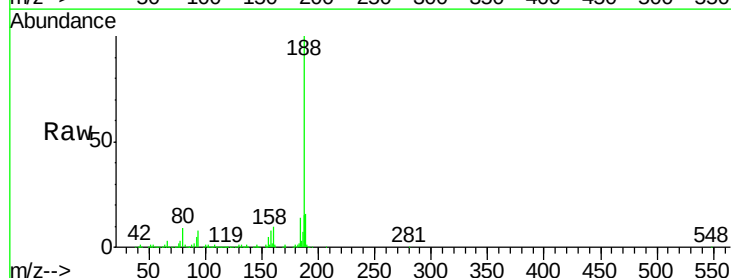
Tgt Ion: 188 Resp: 547734

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

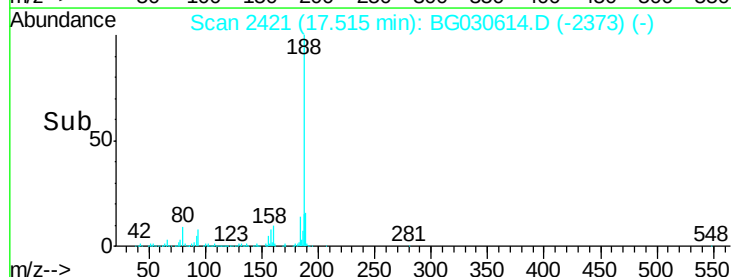
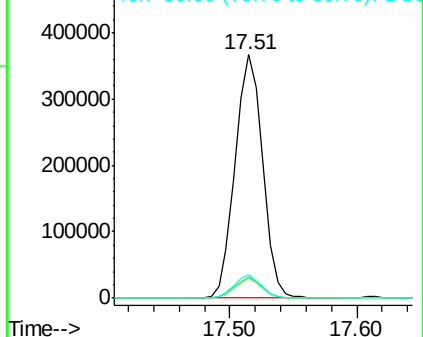
80 9.5 7.7 11.5

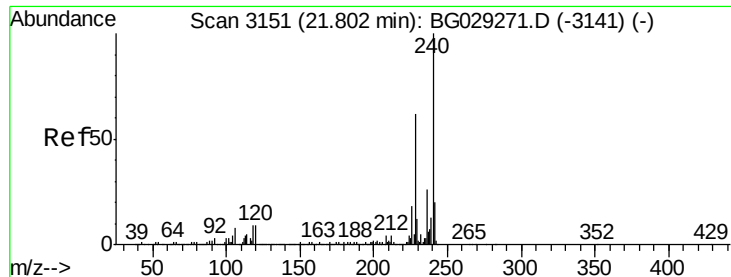


Abundance Ion 188.00 (187.70 to 188.70): BGC

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# 3148

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

Instrument :

BNA_G

ClientSampleId :

SW-01(17.5-19.5)

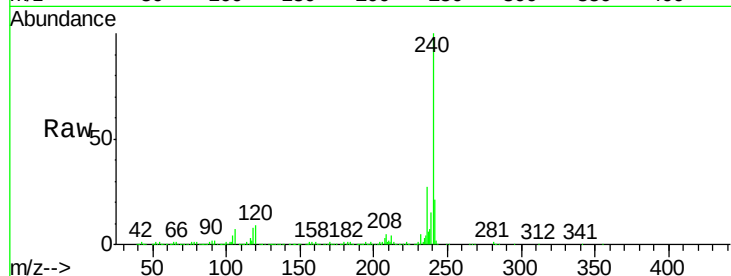
Tgt Ion:240 Resp: 573630

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

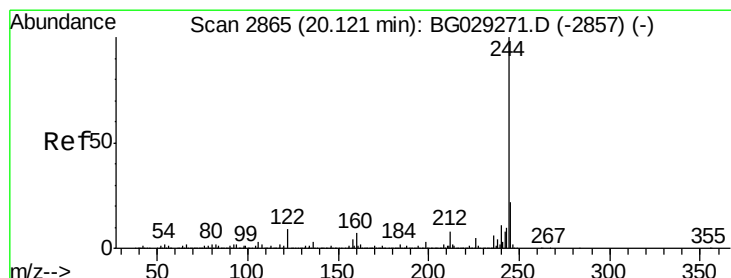
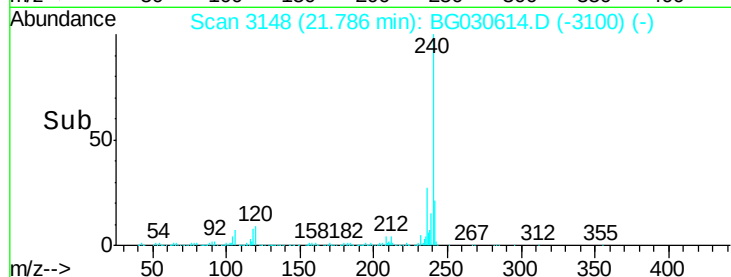
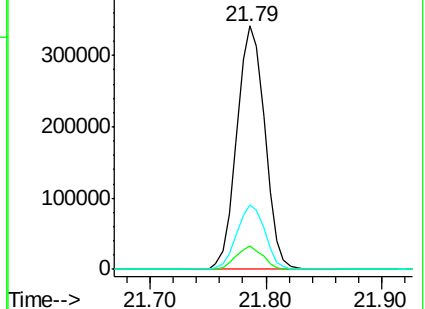
236 26.7 20.9 31.3



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: 60.46 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030614.D

Acq: 31 Oct 2017 16:12

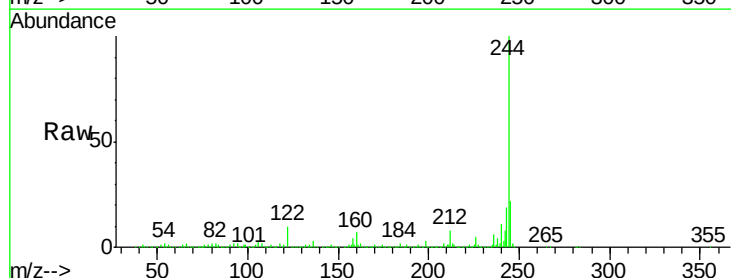
Tgt Ion:244 Resp: 1524583

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

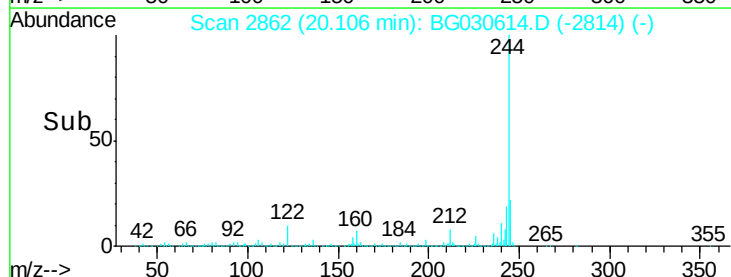
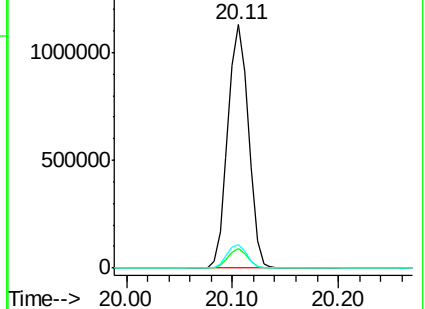
122 9.7 7.0 10.4

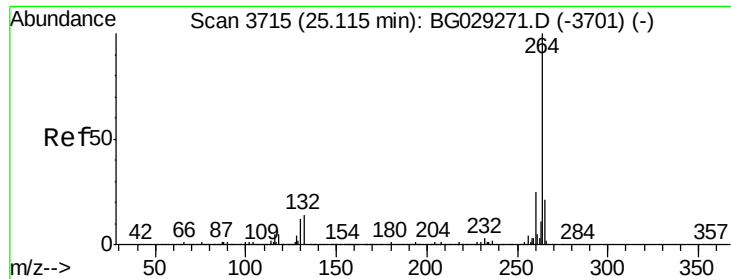


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion: 264 Resp: 578059
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.0
265 21.9 17.7 26.5

