

Data File : BG030616.D
Acq On : 31 Oct 2017 17:27
Operator : SJ/JU
Sample : I6133-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03(18-20)

Quant Time: Nov 01 06:28:30 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	64521	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	310899	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	210331	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	471705	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	503956	20.00	ng	-0.02
86) Perylene-d12	25.10	264	502318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	327655	84.84	ng	0.00
7) Phenol-d6	7.31	99	473197	87.29	ng	0.00
23) Nitrobenzene-d5	9.32	82	280078	57.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	238366	87.78	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	843159	58.79	ng	-0.02
78) Terphenyl-d14	20.11	244	1241823	56.06	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	20482	3.50	ng	90
49) Dimethylphthalate	14.22	163	114273	6.96	ng	100
62) Azobenzene	16.12	77	30154	2.19	ng	# 1

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

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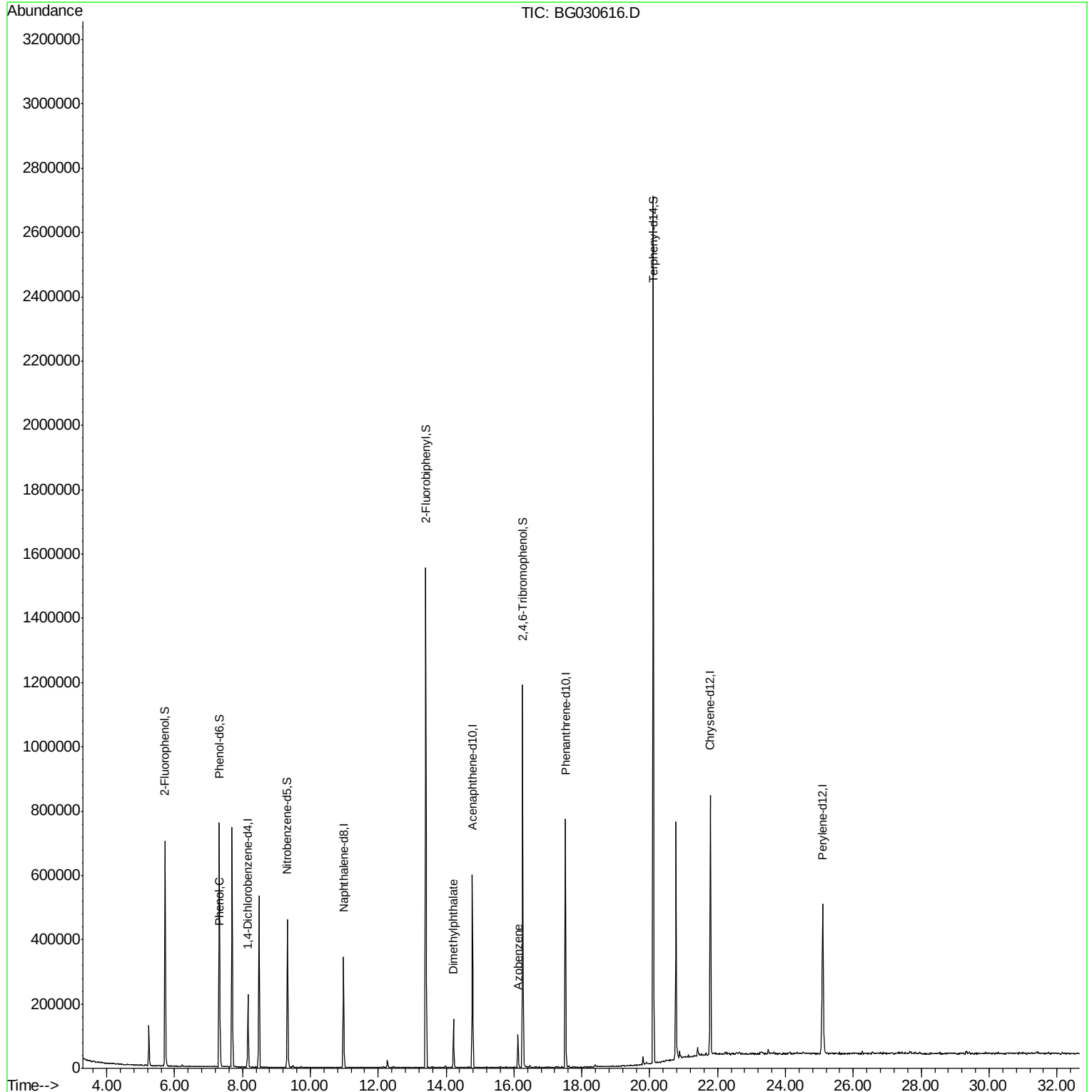
Quant Time: Nov 01 06:28:30 2017

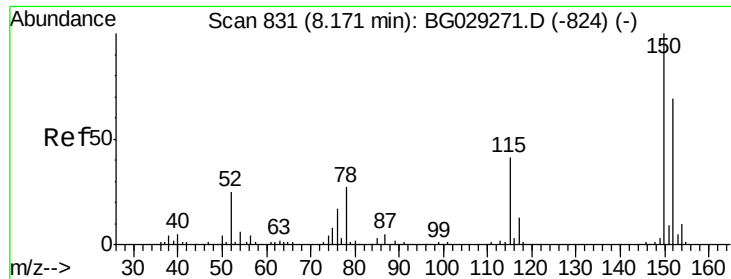
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration



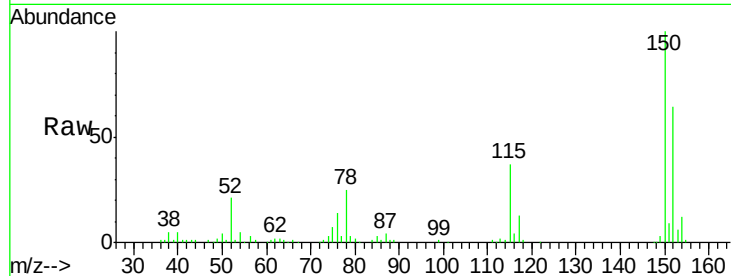


#1

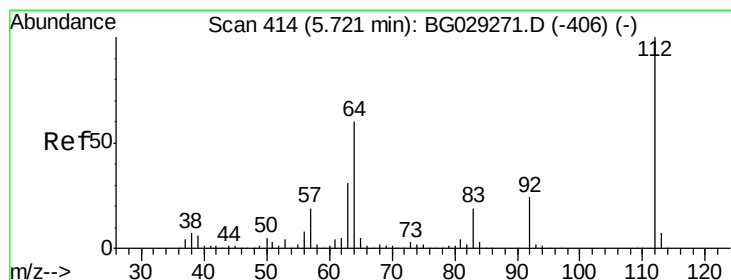
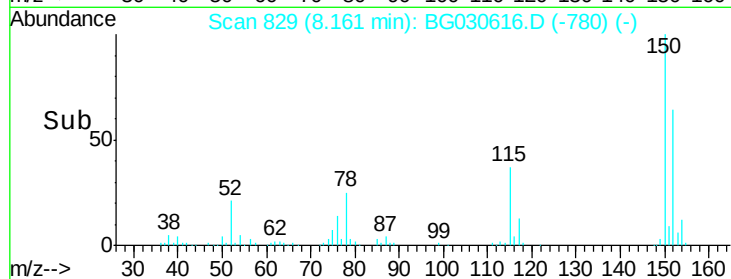
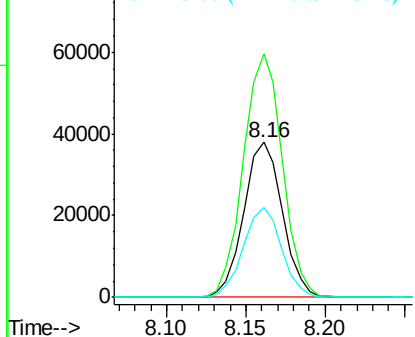
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030616.D
Acq: 31 Oct 2017 17:27

Instrument :
BNA_G
ClientSampleId :
SW-03(18-20)

Tgt Ion:152 Resp: 64521
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 57.9 53.0 79.4



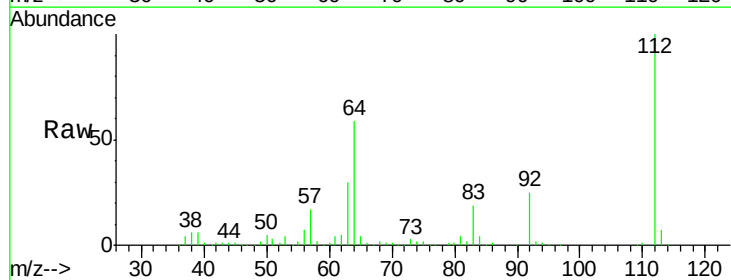
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



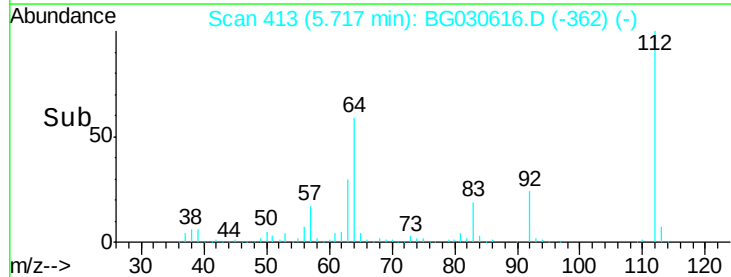
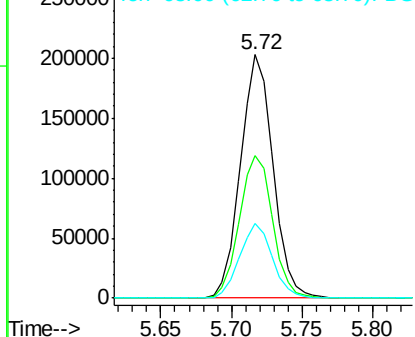
#5

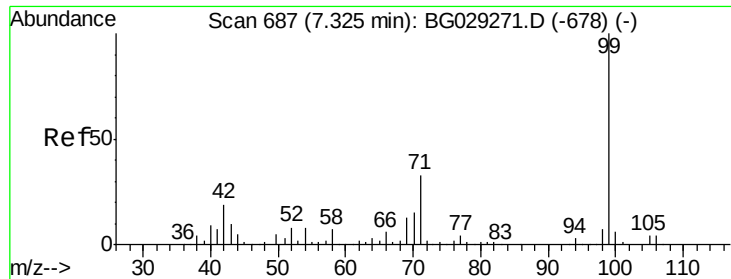
2-Fluorophenol
Concen: 84.84 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030616.D
Acq: 31 Oct 2017 17:27

Tgt Ion:112 Resp: 327655
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 30.4 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: 87.29 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030616.D

Acq: 31 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

SW-03(18-20)

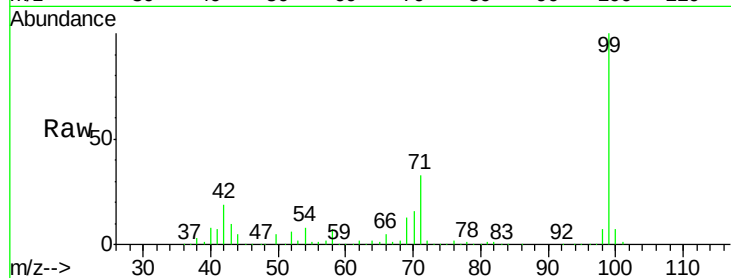
Tgt Ion: 99 Resp: 473197

Ion Ratio Lower Upper

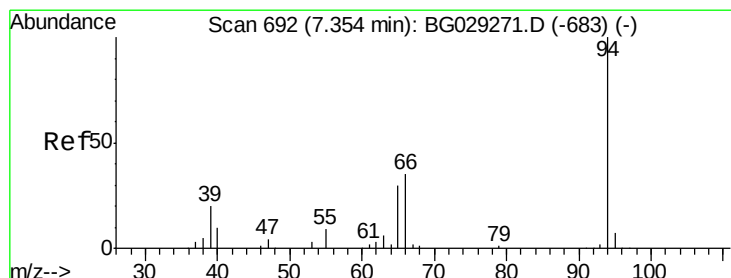
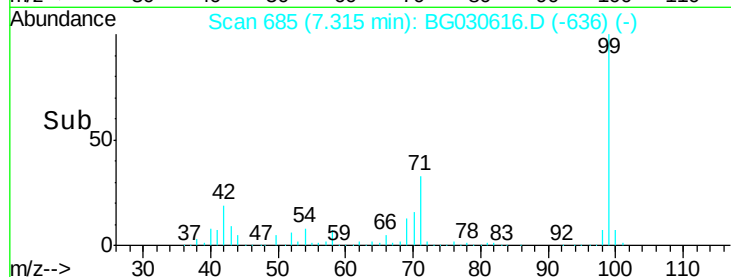
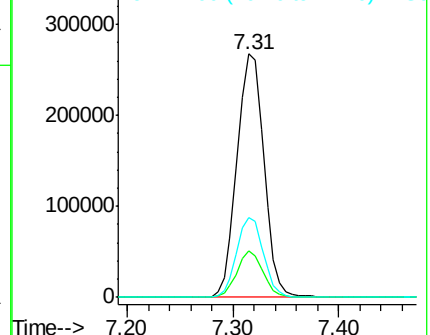
99 100

42 19.0 14.1 21.1

71 32.6 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: 3.50 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG030616.D

Acq: 31 Oct 2017 17:27

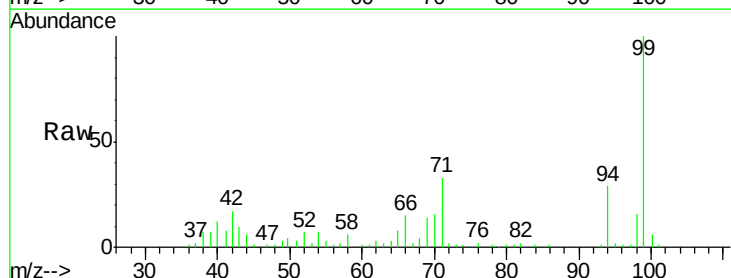
Tgt Ion: 94 Resp: 20482

Ion Ratio Lower Upper

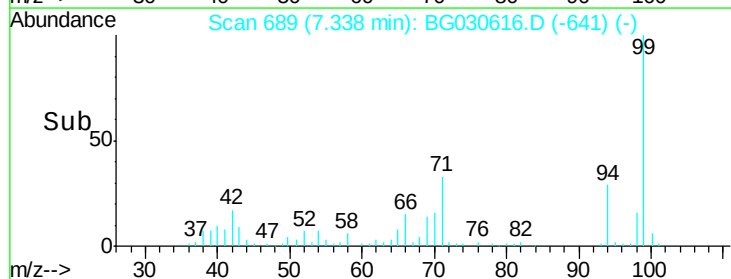
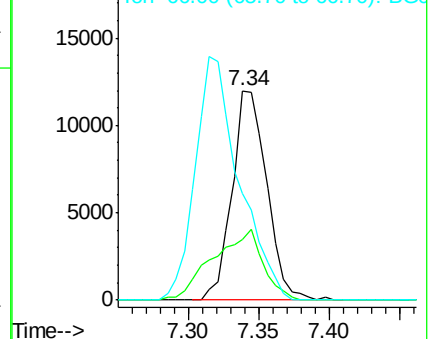
94 100

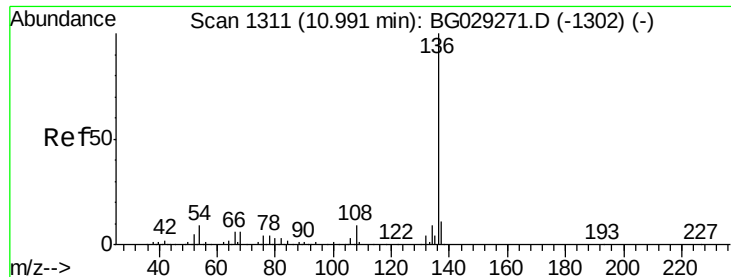
65 29.0 11.9 51.9

66 50.8 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

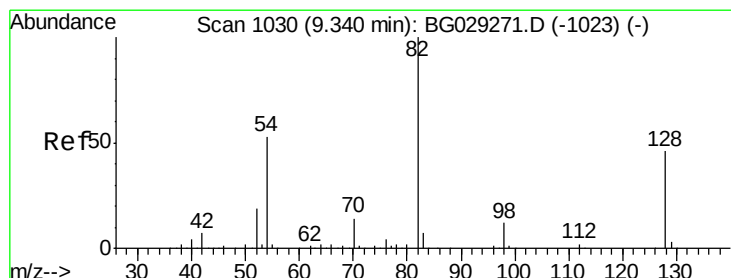
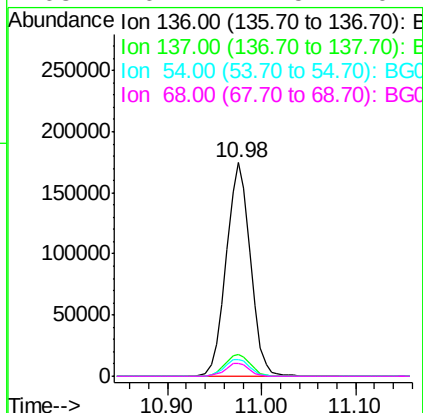
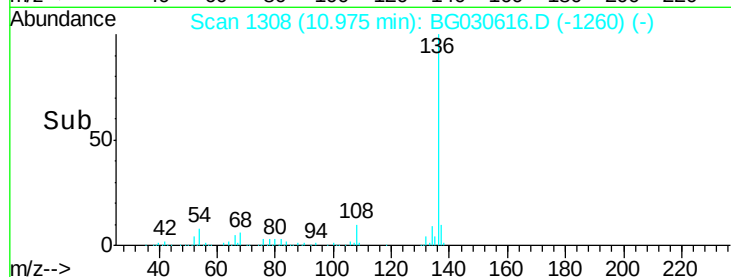
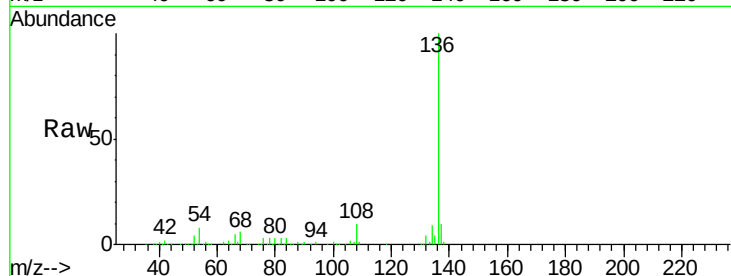




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030616.D
Acq: 31 Oct 2017 17:27

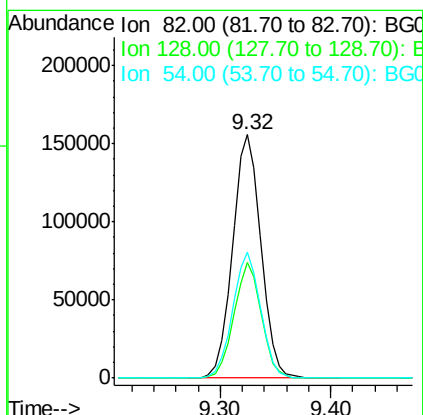
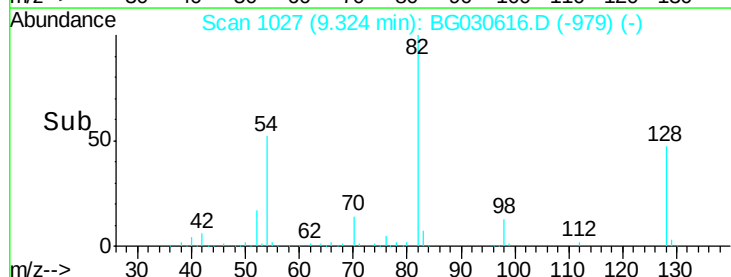
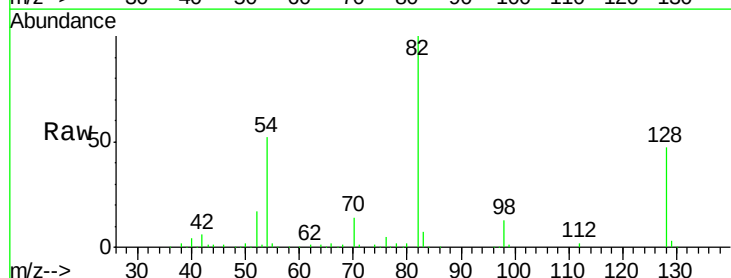
Instrument :
BNA_G
ClientSampleId :
SW-03(18-20)

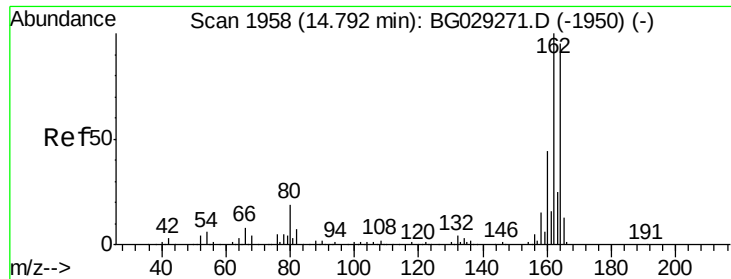
Tgt Ion:	136	Resp:	310899
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.9	10.3	15.5#
68	6.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 57.25 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030616.D
Acq: 31 Oct 2017 17:27

Tgt Ion:	82	Resp:	280078
Ion	Ratio	Lower	Upper
82	100		
128	47.4	29.7	44.5#
54	51.9	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: BG030616.D

Acq: 31 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

SW-03(18-20)

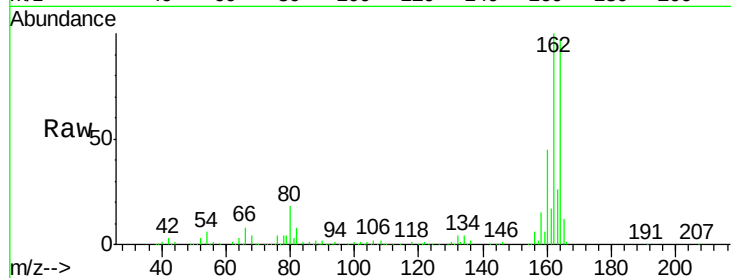
Tgt Ion:164 Resp: 210331

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

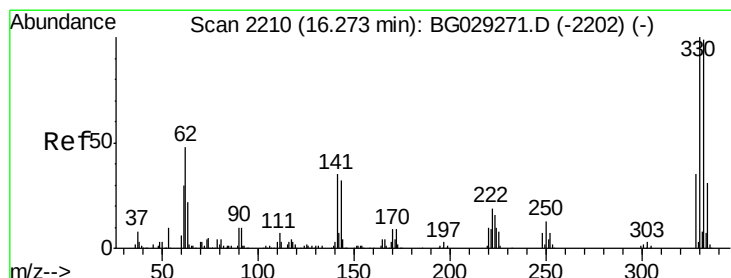
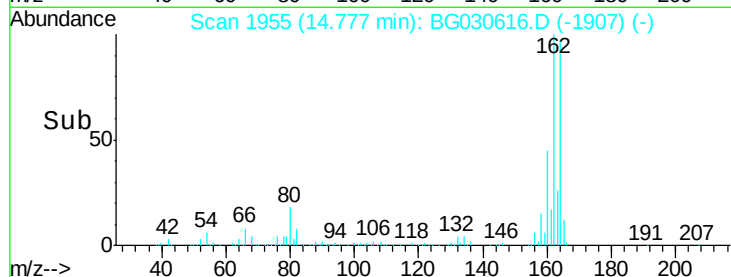
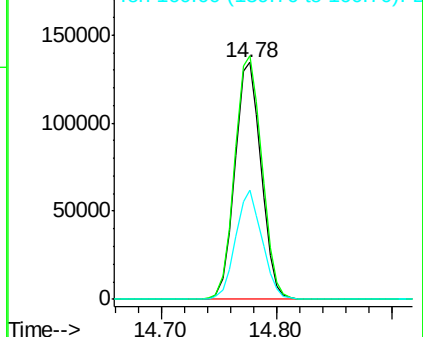
160 45.9 35.4 53.0



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: 87.78 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030616.D

Acq: 31 Oct 2017 17:27

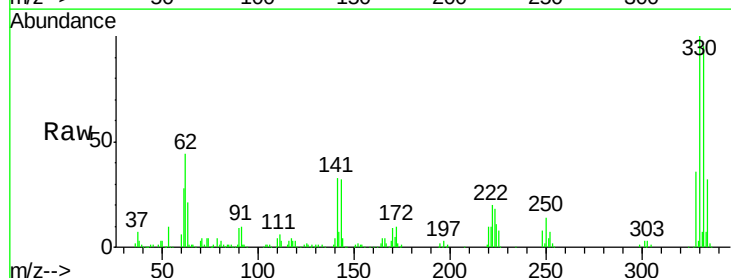
Tgt Ion:330 Resp: 238366

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

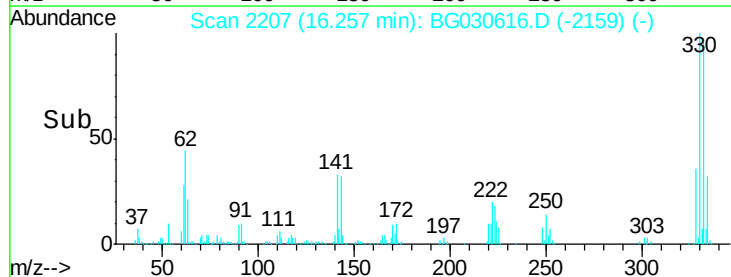
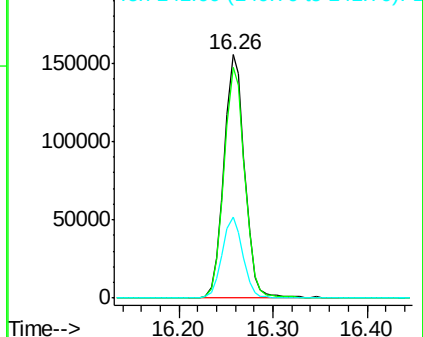
141 33.3 25.2 37.8

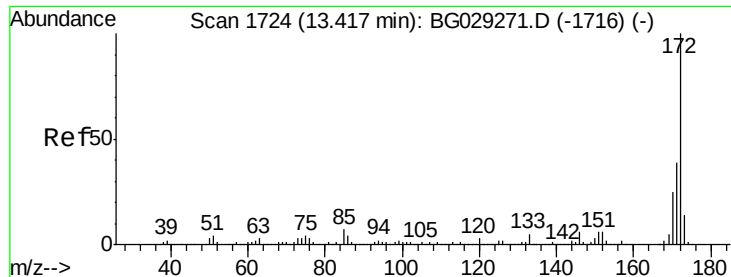


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

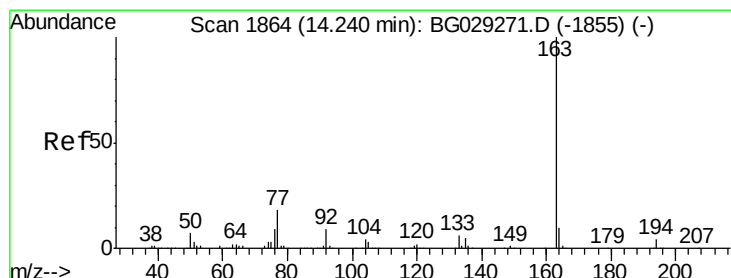
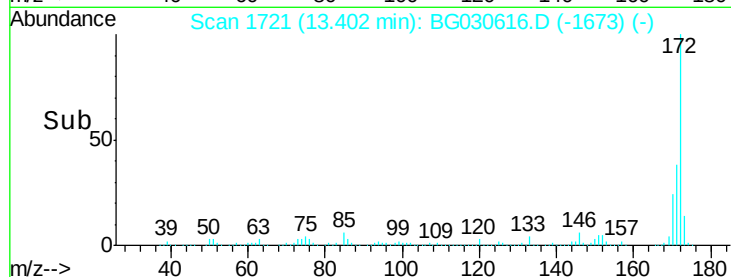
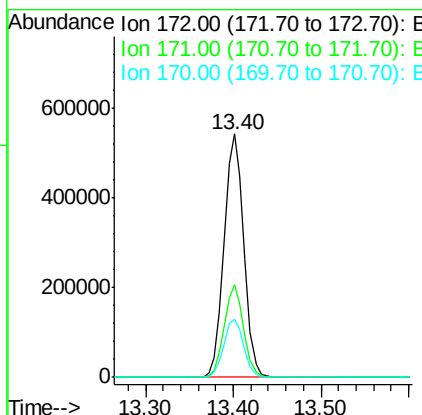
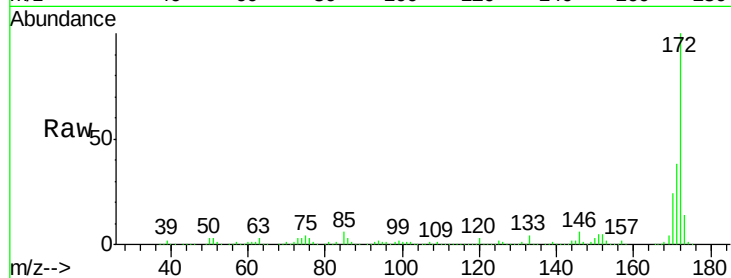




#44
 2-Fluorobiphenyl
 Concen: 58.79 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030616.D
 Acq: 31 Oct 2017 17:27

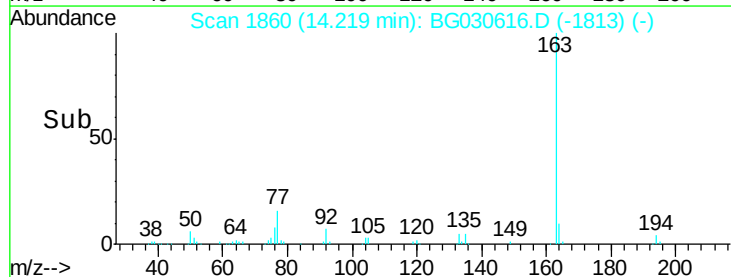
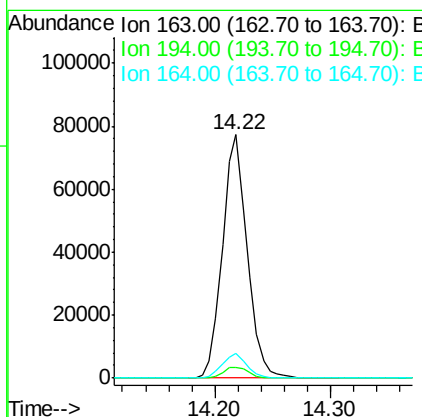
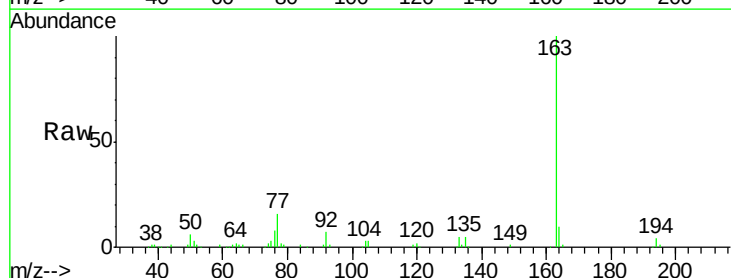
Instrument :
 BNA_G
 ClientSampleId :
 SW-03(18-20)

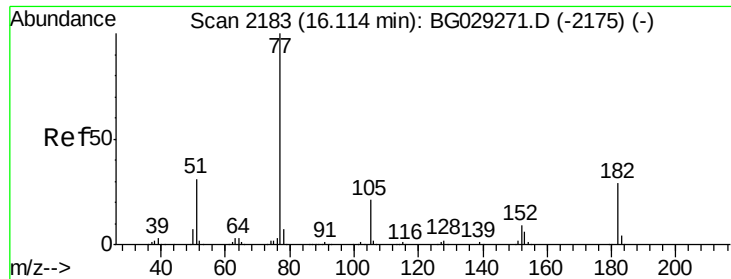
Tgt Ion:172 Resp: 843159
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.0 19.5 29.3



#49
 Dimethylphthalate
 Concen: 6.96 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.02 min
 Lab File: BG030616.D
 Acq: 31 Oct 2017 17:27

Tgt Ion:163 Resp: 114273
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.4 5.2
 164 10.2 8.2 12.4





#62

Azobenzene

Concen: 2.19 ng

RT: 16.12 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG030616.D

Acq: 31 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

SW-03(18-20)

Tgt Ion: 77 Resp: 30154

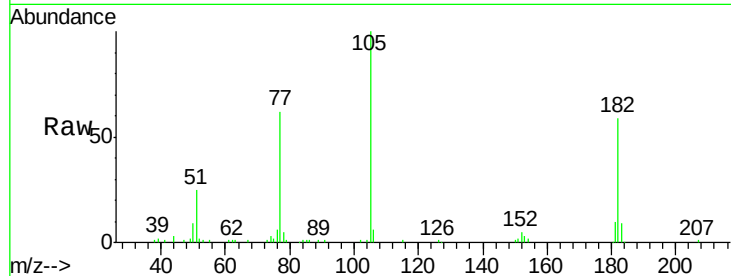
Ion Ratio Lower Upper

77 100

182 94.7 7.4 47.4#

105 161.4 0.3 40.3#

51 40.1 11.6 51.6

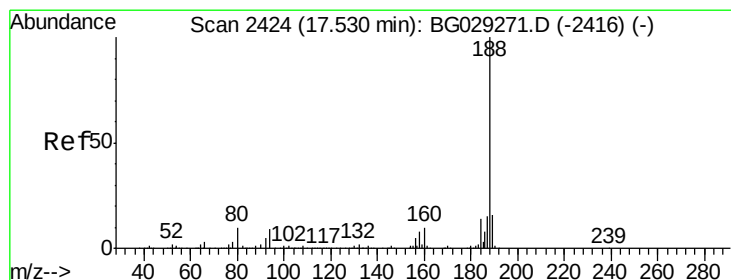
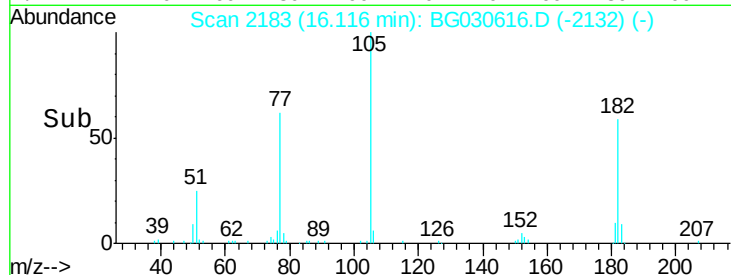
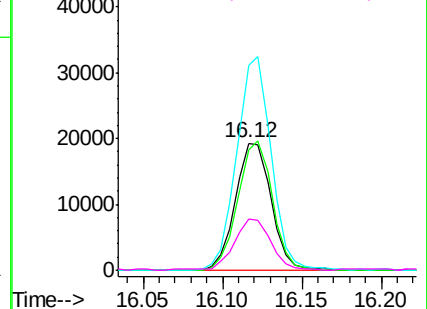


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030616.D

Acq: 31 Oct 2017 17:27

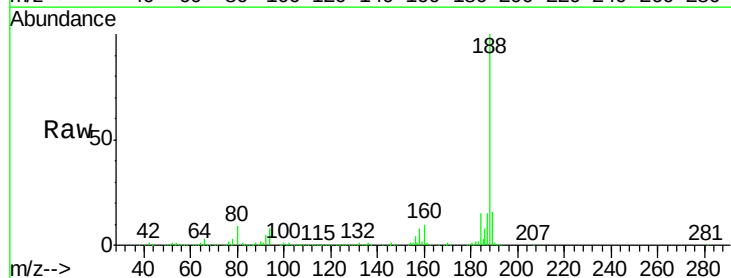
Tgt Ion: 188 Resp: 471705

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

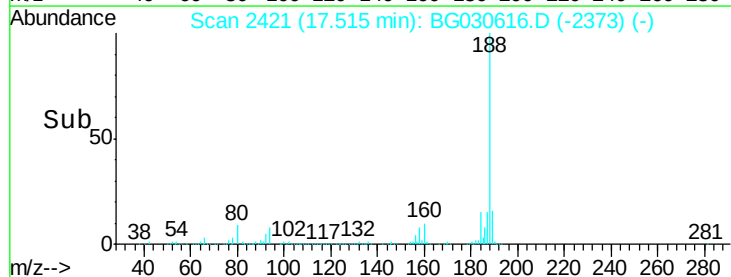
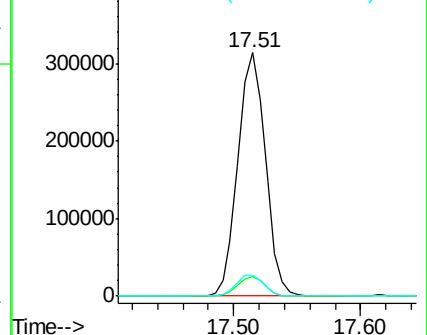
80 8.8 7.7 11.5

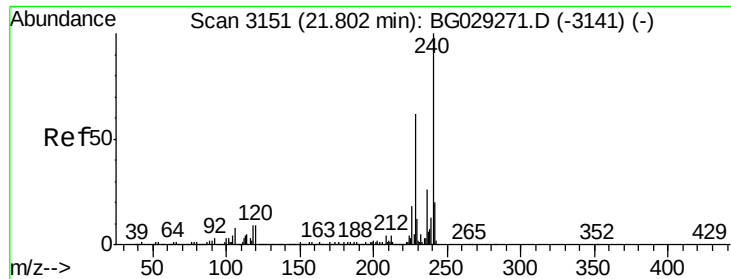


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: BG030616.D

Acq: 31 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

SW-03(18-20)

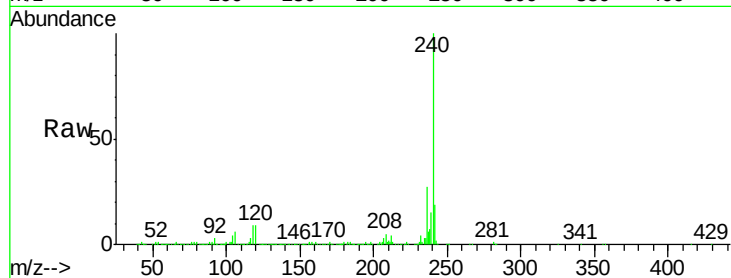
Tgt Ion:240 Resp: 503956

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

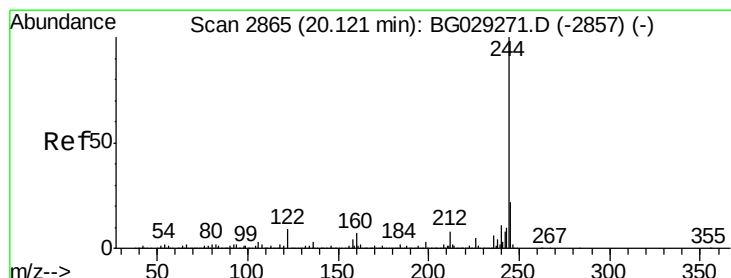
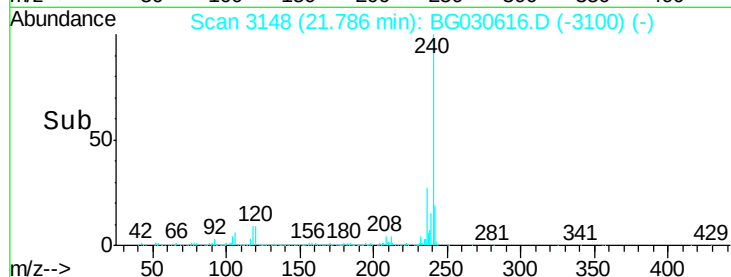
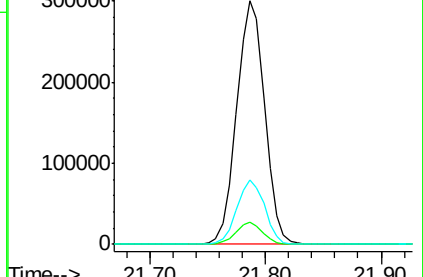
236 26.6 20.9 31.3



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: 56.06 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030616.D

Acq: 31 Oct 2017 17:27

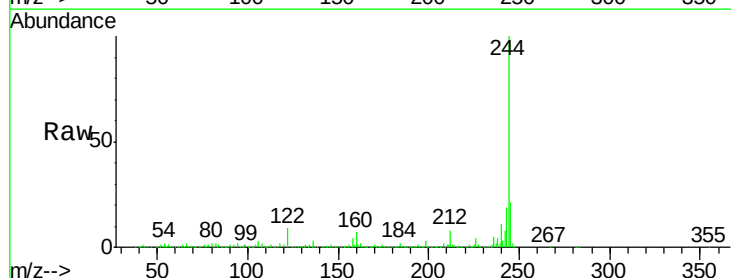
Tgt Ion:244 Resp: 1241823

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

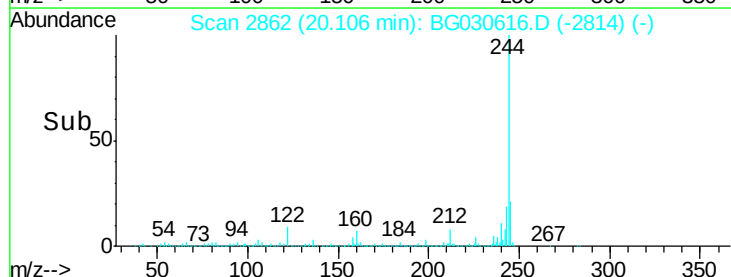
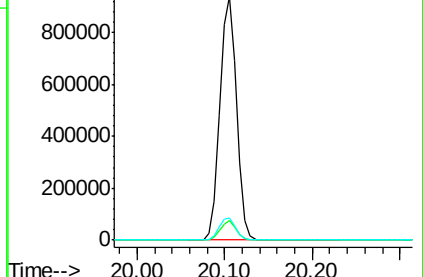
122 9.2 7.0 10.4

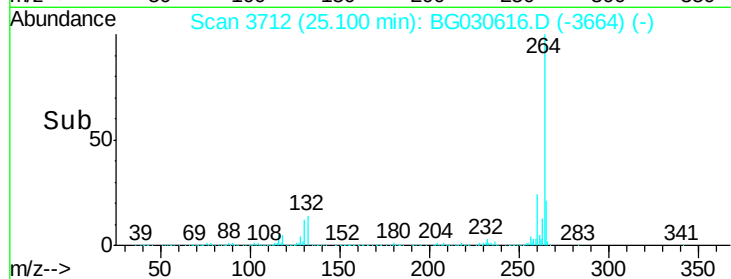
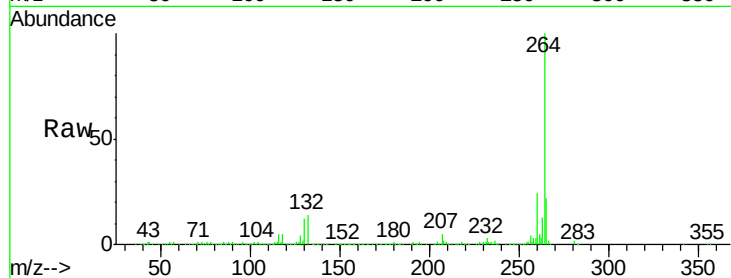
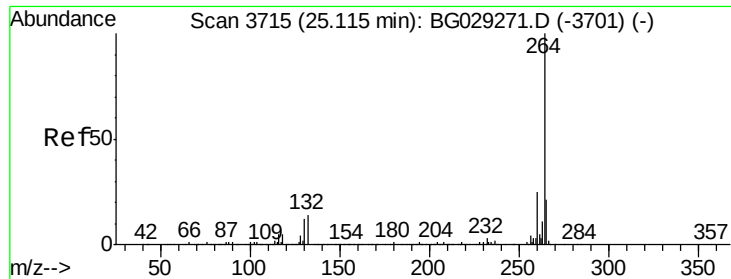


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG030616.D

Acq: 31 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

SW-03(18-20)

Tgt Ion:264 Resp: 502318

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.6 17.7 26.5

