

Data File : BG030624.D
Acq On : 31 Oct 2017 22:36
Operator : SJ/JU
Sample : I6207-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Time: Nov 01 06:30:39 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	76480	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	365974	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	251550	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	554310	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	602440	20.00	ng	-0.02
86) Perylene-d12	25.10	264	600823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	350924	76.65	ng	0.00
7) Phenol-d6	7.32	99	493067	76.73	ng	0.00
23) Nitrobenzene-d5	9.32	82	290981	50.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	268294	82.61	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	872313	50.86	ng	-0.02
78) Terphenyl-d14	20.10	244	1348150	50.91	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	22937	3.31	ng	94
49) Dimethylphthalate	14.22	163	179000	9.12	ng	100
62) Azobenzene	16.12	77	59043	3.58	ng	# 1

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

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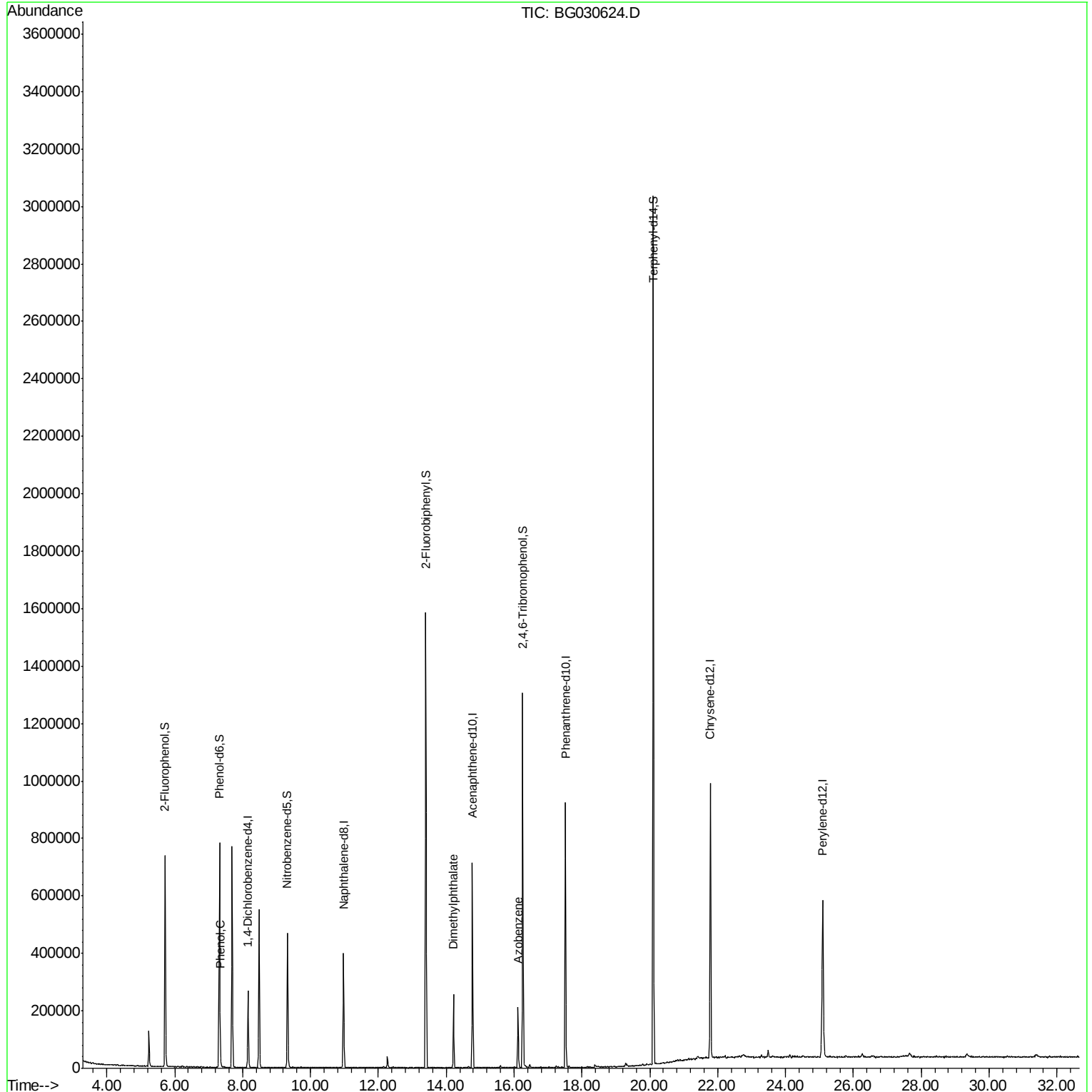
Quant Time: Nov 01 06:30:39 2017

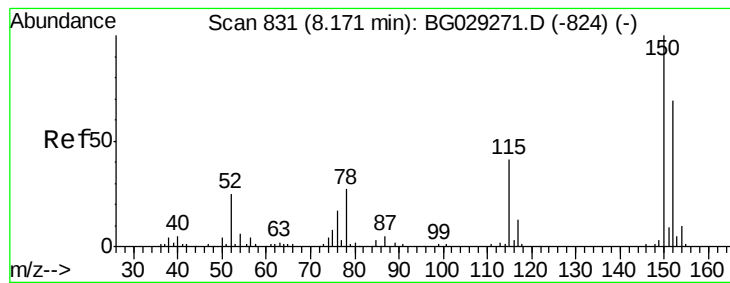
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

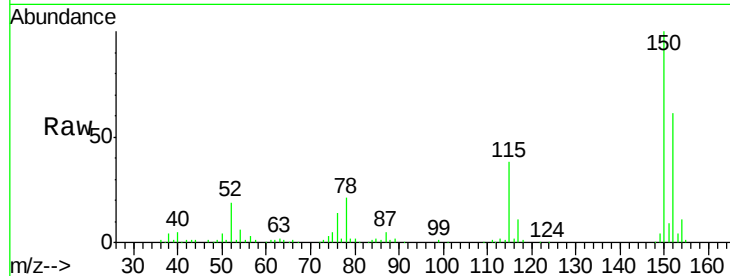




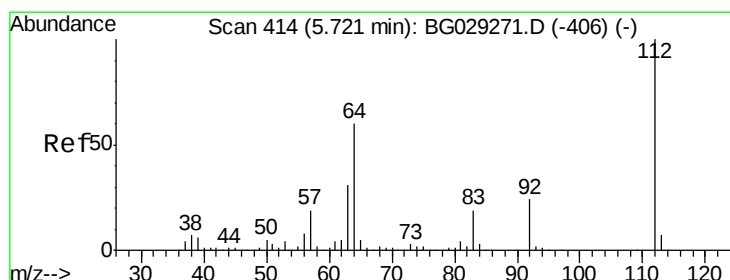
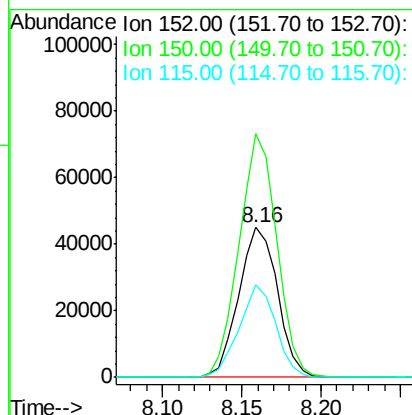
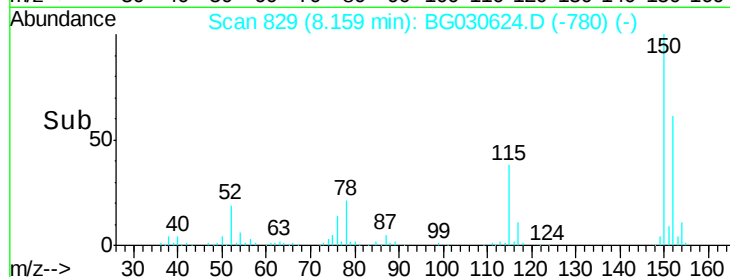
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

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 BNA_G
 ClientSampleID :
 SB-05

Tgt Ion:152 Resp: 76480
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.6 189.8
 115 61.6 53.0 79.4

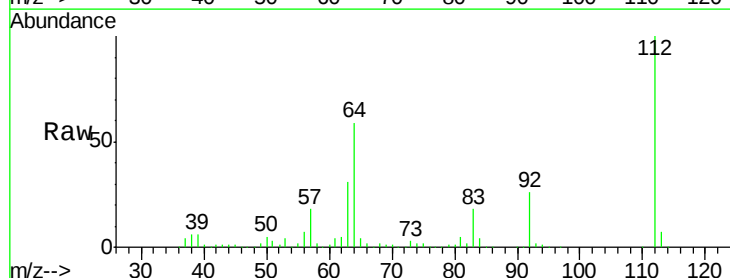


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

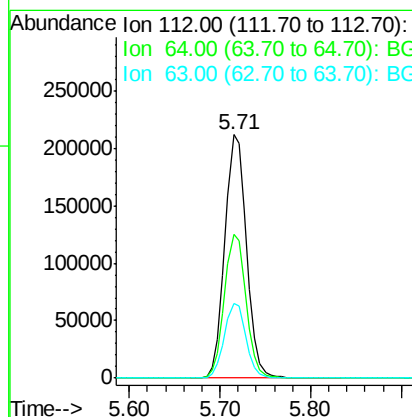
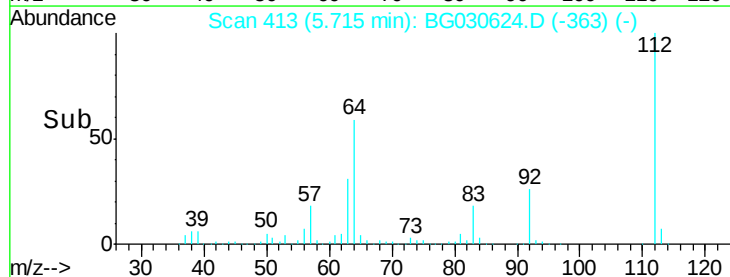


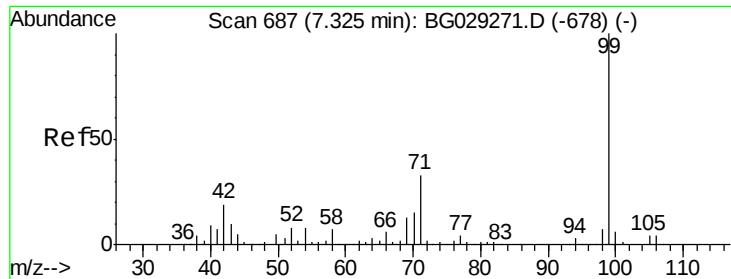
#5
 2-Fluorophenol
 Concen: 76.65 ng
 RT: 5.71 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

Tgt Ion:112 Resp: 350924
 Ion Ratio Lower Upper
 112 100
 64 59.1 56.3 84.5
 63 30.6 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: 76.73 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

Instrument :

BNA_G

ClientSampled :

SB-05

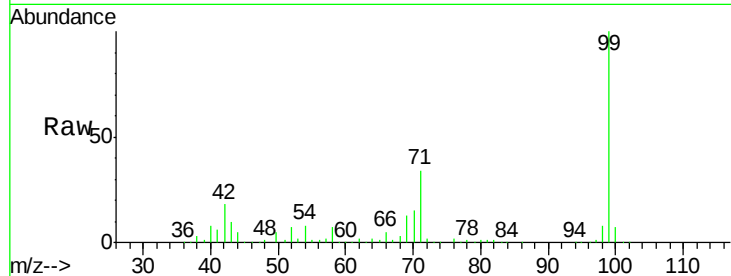
Tgt Ion: 99 Resp: 493067

Ion Ratio Lower Upper

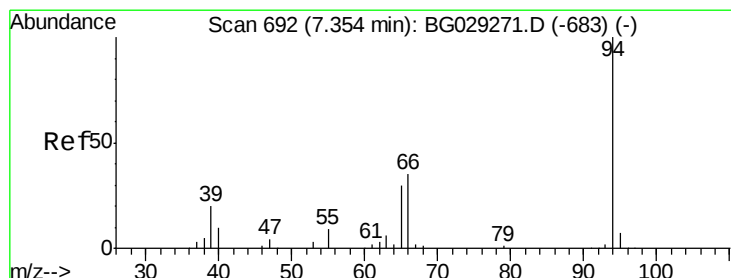
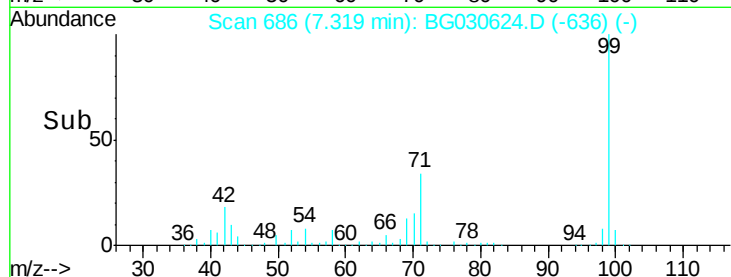
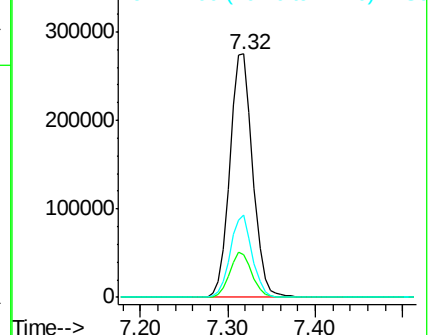
99 100

42 17.7 14.1 21.1

71 33.7 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: 3.31 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

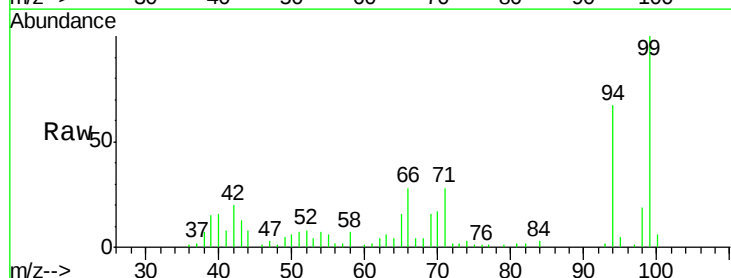
Tgt Ion: 94 Resp: 22937

Ion Ratio Lower Upper

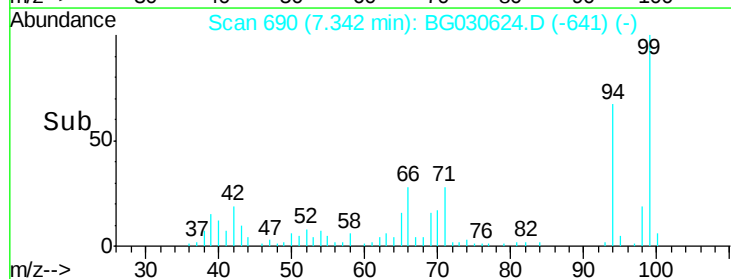
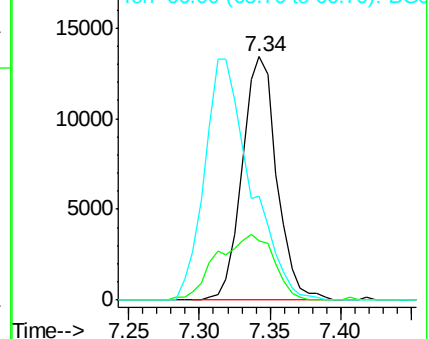
94 100

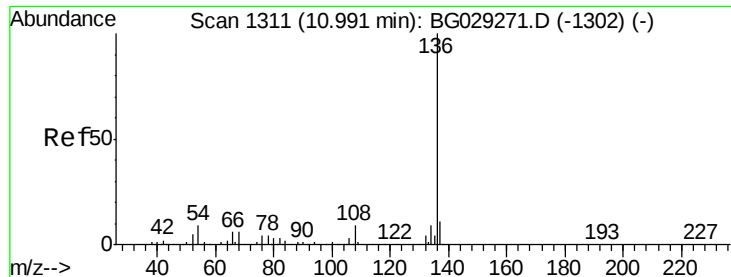
65 24.5 11.9 51.9

66 42.5 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

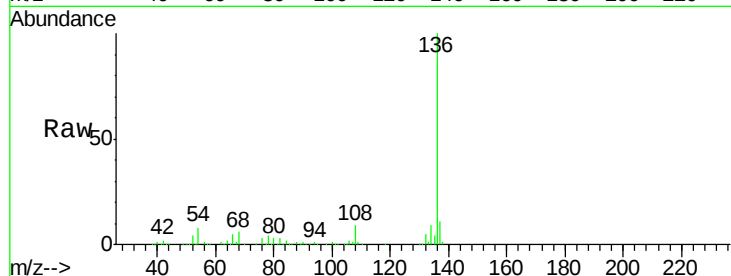




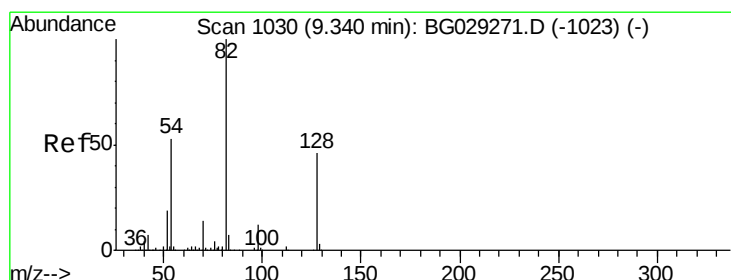
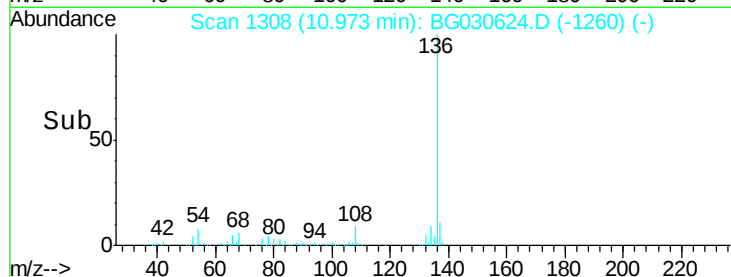
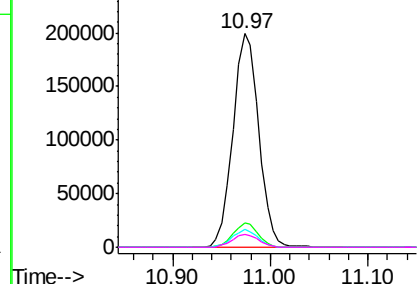
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030624.D
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BNA_G
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Tgt Ion:	136	Resp:	365974
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.2	10.3	15.5#
68	5.9	4.5	6.7

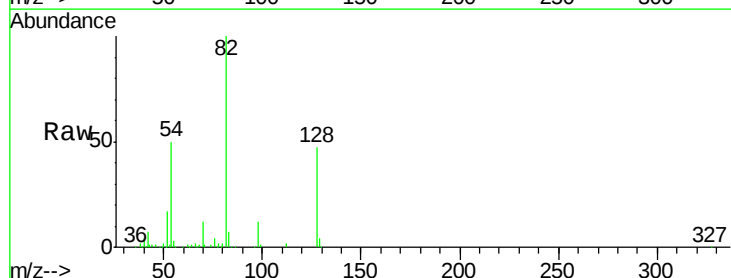


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

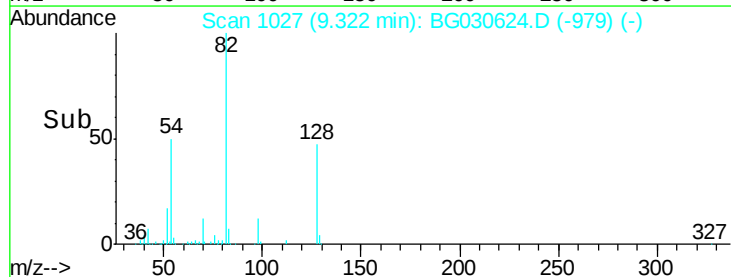
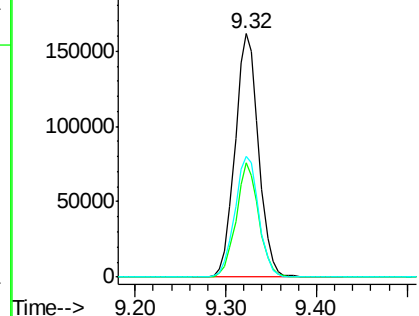


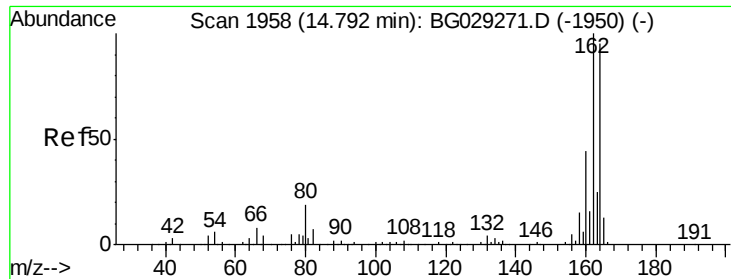
#23
Nitrobenzene-d5
Concen: 50.53 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Tgt Ion:	82	Resp:	290981
Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	49.8	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: 14.77 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

Instrument :

BNA_G

ClientSampleId :

SB-05

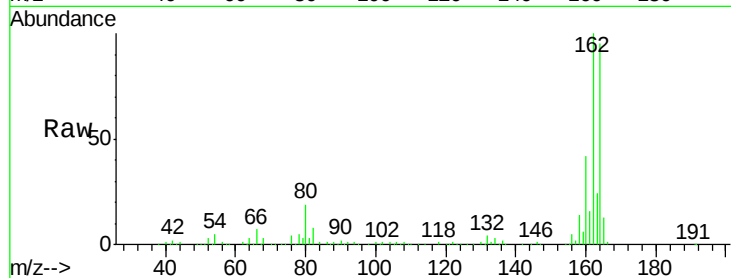
Tgt Ion:164 Resp: 251550

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

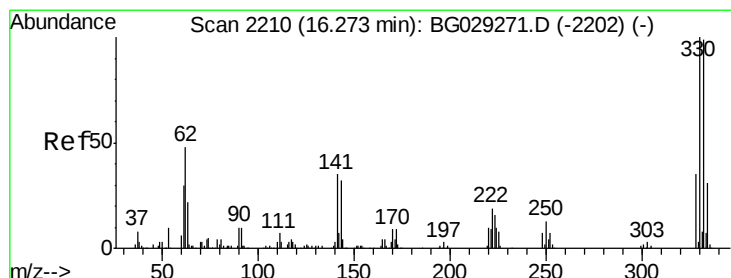
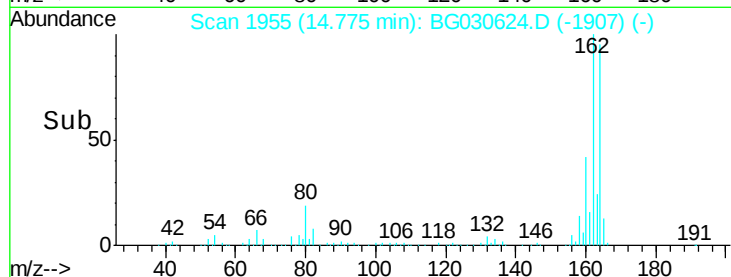
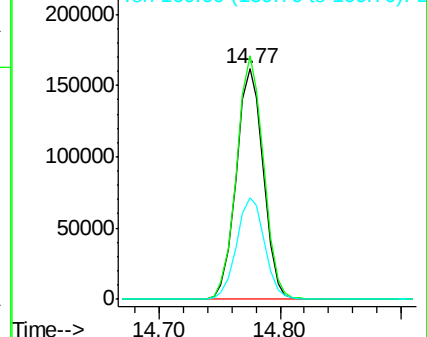
160 44.3 35.4 53.0



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: 82.61 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

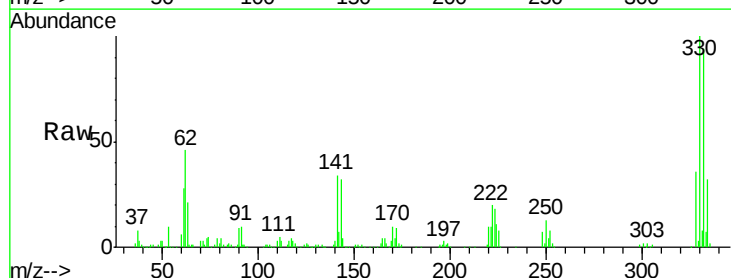
Tgt Ion:330 Resp: 268294

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

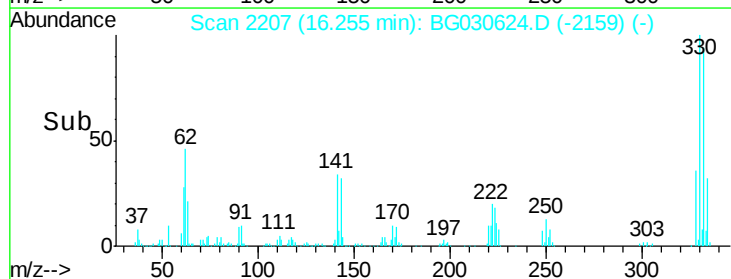
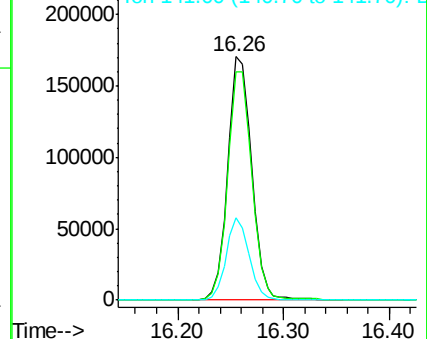
141 32.5 25.2 37.8

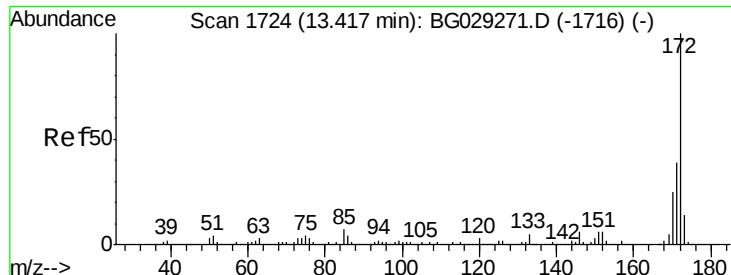


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

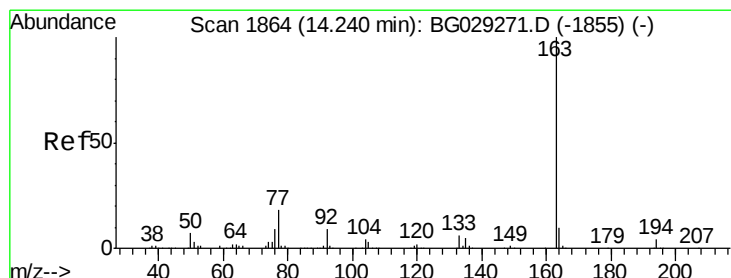
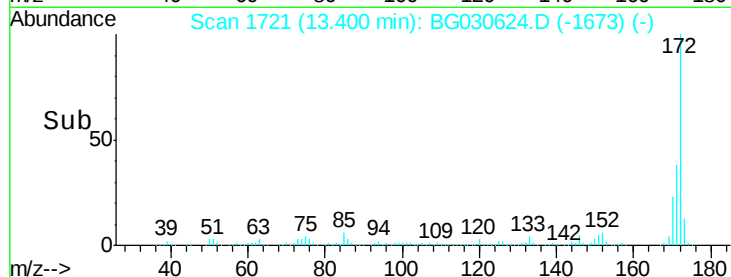
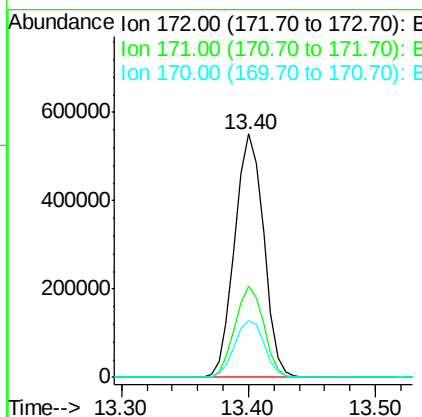
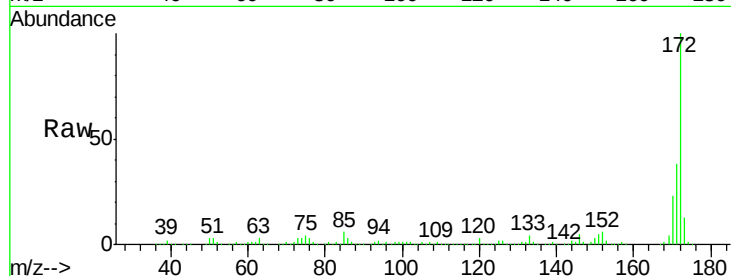




#44
 2-Fluorobiphenyl
 Concen: 50.86 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

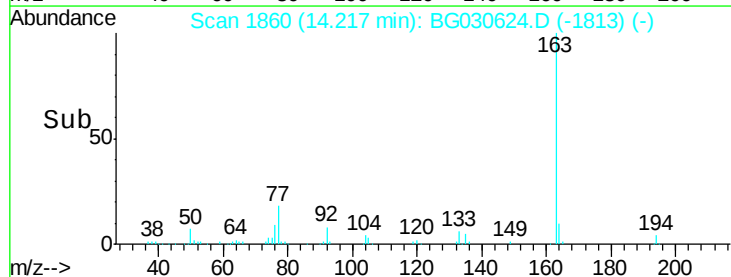
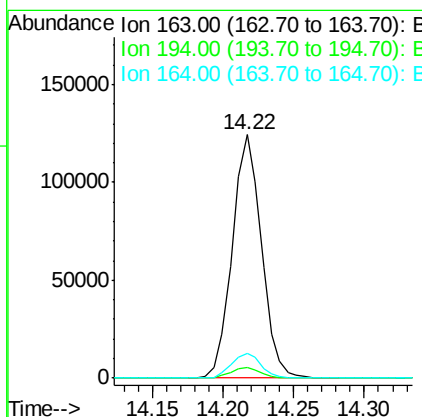
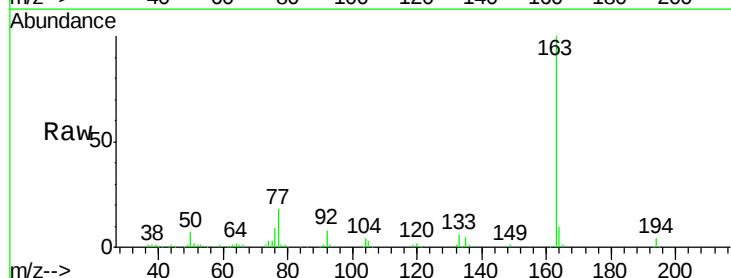
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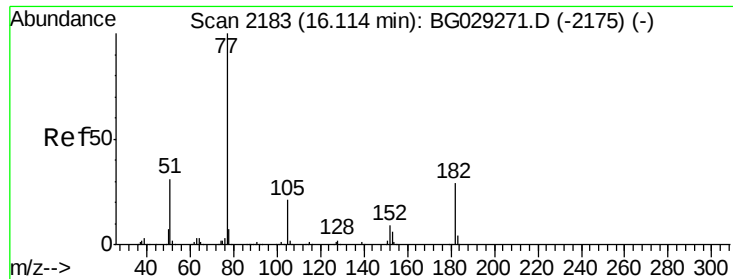
Tgt Ion:172 Resp: 872313
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 23.3 19.5 29.3



#49
 Dimethylphthalate
 Concen: 9.12 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.02 min
 Lab File: BG030624.D
 Acq: 31 Oct 2017 22:36

Tgt Ion:163 Resp: 179000
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.4 5.2
 164 10.1 8.2 12.4





#62

Azobenzene

Concen: 3.58 ng

RT: 16.12 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BG030624.D

Acq: 31 Oct 2017 22:36

Instrument :

BNA_G

ClientSampled :

SB-05

Tgt Ion: 77 Resp: 59043

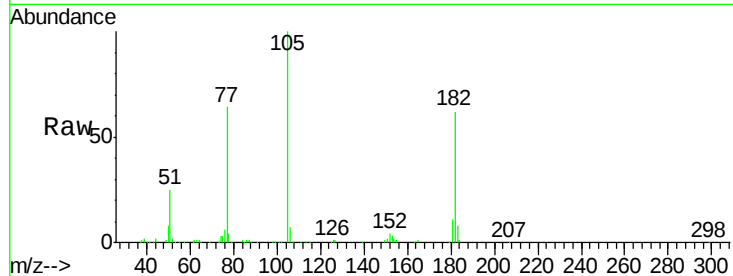
Ion Ratio Lower Upper

77 100

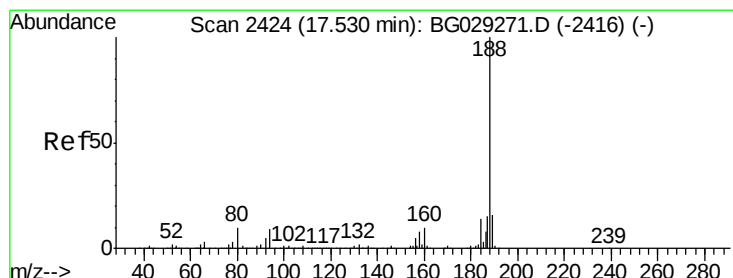
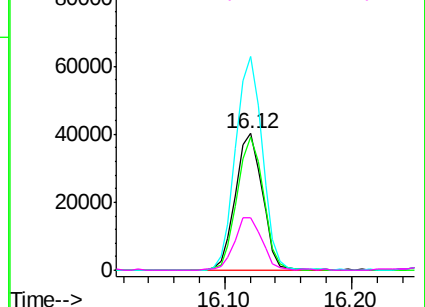
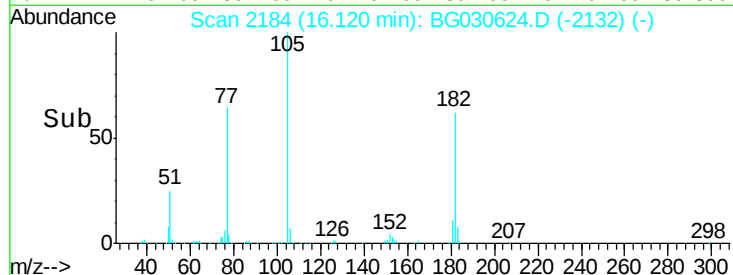
182 97.4 7.4 47.4#

105 156.5 0.3 40.3#

51 38.8 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: BG030624.D

Acq: 31 Oct 2017 22:36

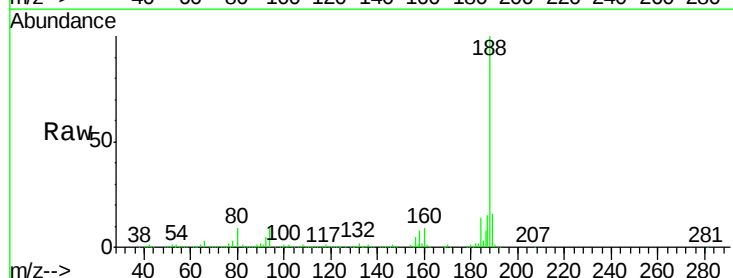
Tgt Ion: 188 Resp: 554310

Ion Ratio Lower Upper

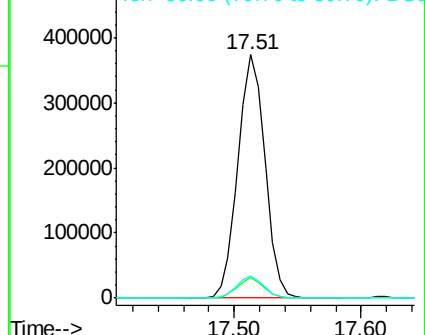
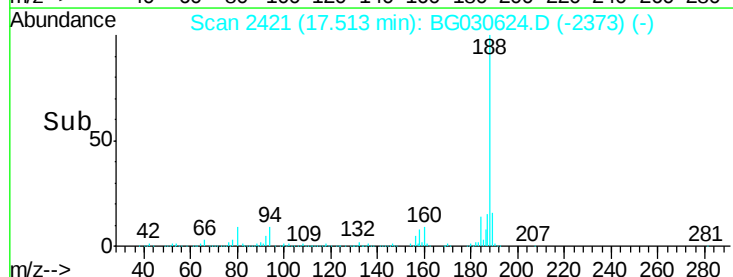
188 100

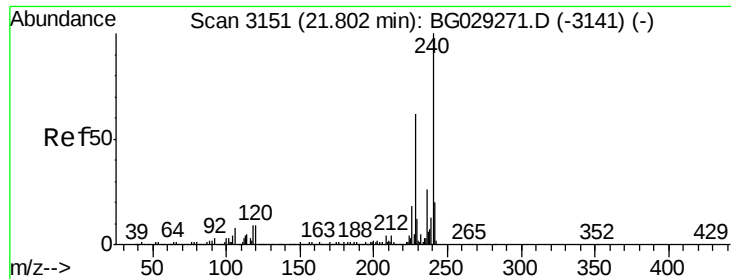
94 8.8 6.9 10.3

80 8.9 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

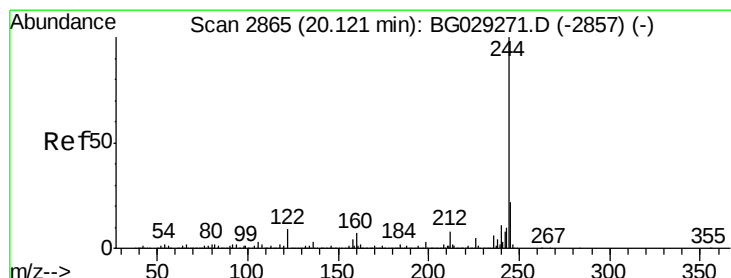
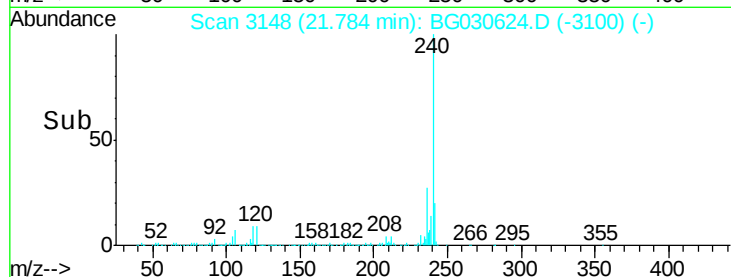
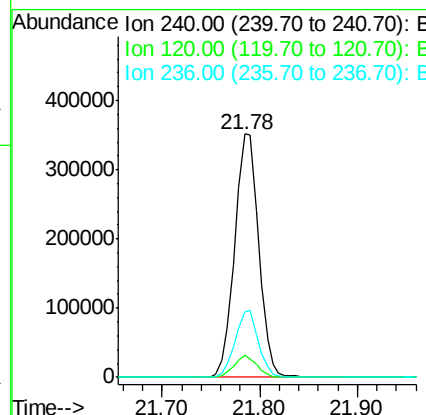
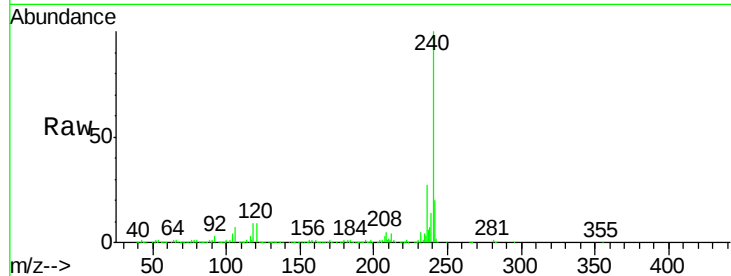




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

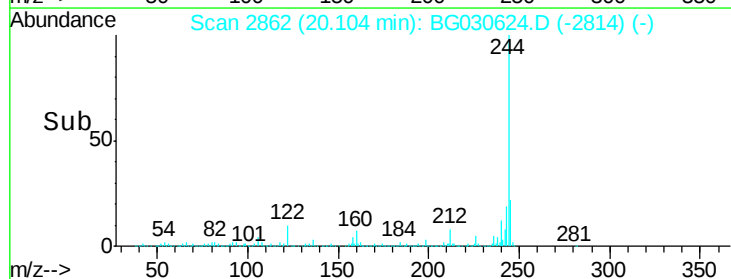
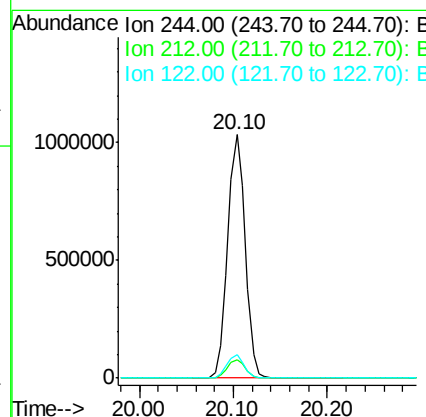
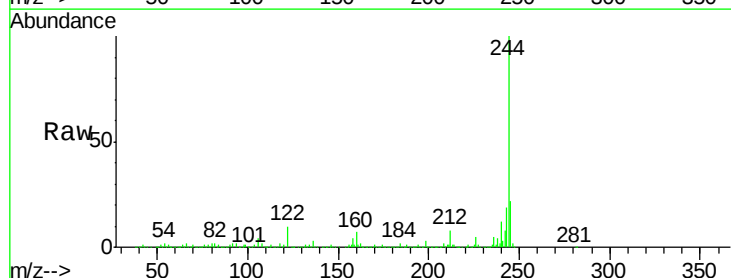
Instrument :
BNA_G
ClientSampleId :
SB-05

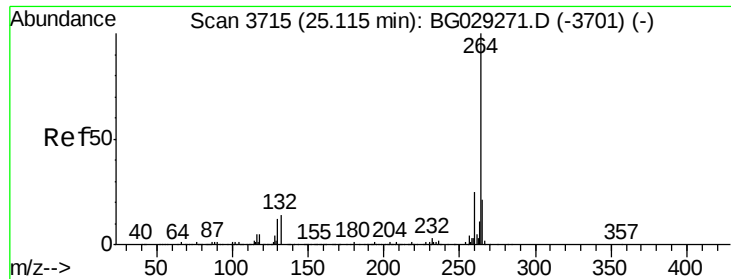
Tgt Ion:240 Resp: 602440
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 27.2 20.9 31.3



#78
Terphenyl-d14
Concen: 50.91 ng
RT: 20.10 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Tgt Ion:244 Resp: 1348150
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 9.8 7.0 10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030624.D
Acq: 31 Oct 2017 22:36

Instrument :
BNA_G
ClientSampleId :
SB-05

Tgt Ion: 264 Resp: 600823

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5

