

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030632.D
 Acq On : 1 Nov 2017 13:03
 Operator : SJ/JU
 Sample : I6206-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 17:36:48 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

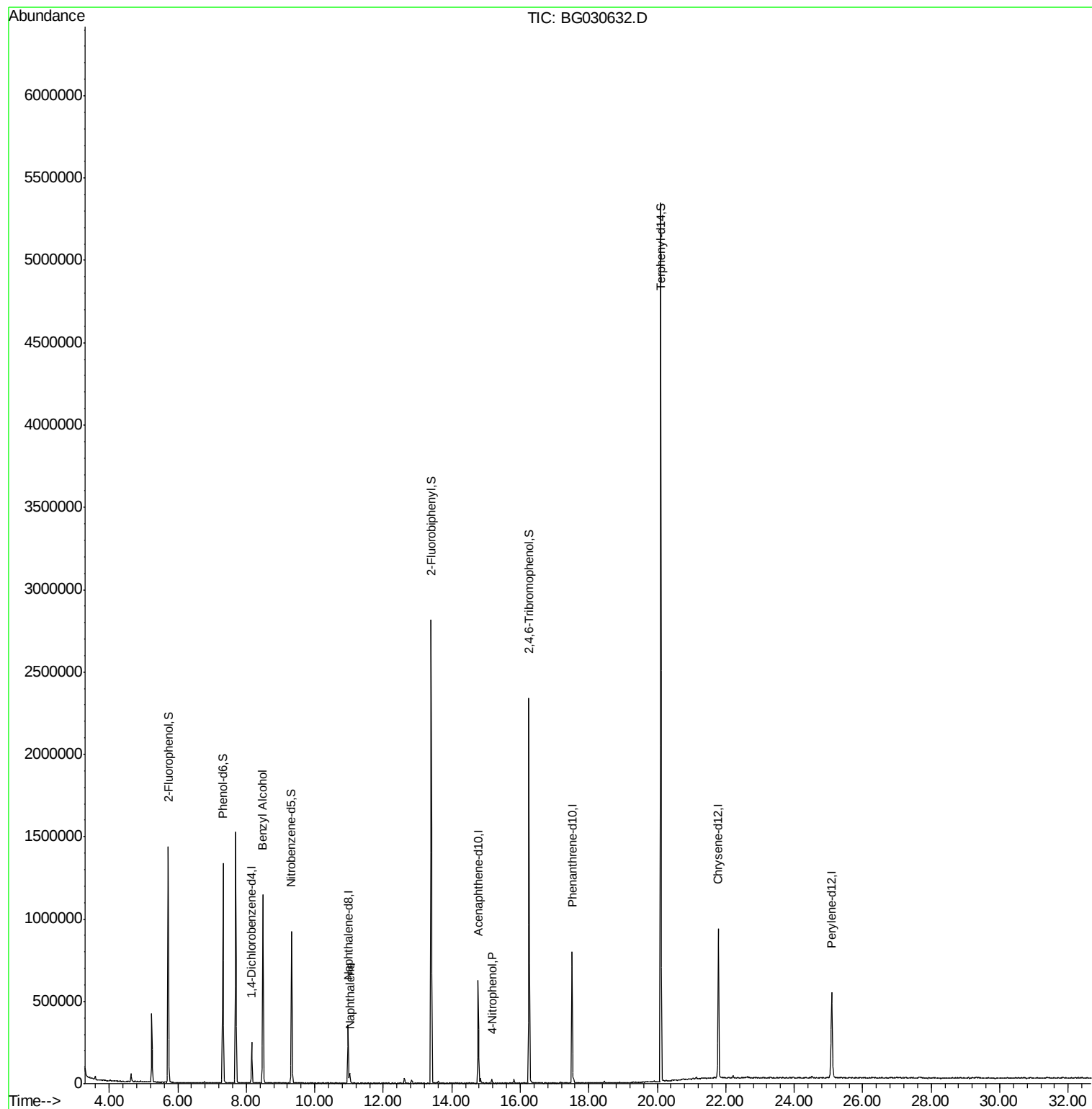
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71364	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	325322	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	214983	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	516729	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	554976	20.00	ng	-0.02
86) Perylene-d12	25.09	264	554619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	663837	155.40	ng	0.00
7) Phenol-d6	7.32	99	809097	134.93	ng	0.00
23) Nitrobenzene-d5	9.32	82	562140	109.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	492928	177.59	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1499903	102.33	ng	-0.02
78) Terphenyl-d14	20.10	244	2368170	97.07	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.49	79	9329	2.208	ng	# 36
31) Naphthalene	11.03	128	52083	3.212	ng	96
55) 4-Nitrophenol	15.17	139	7097	2.269	ng	# 1

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

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BNA_G
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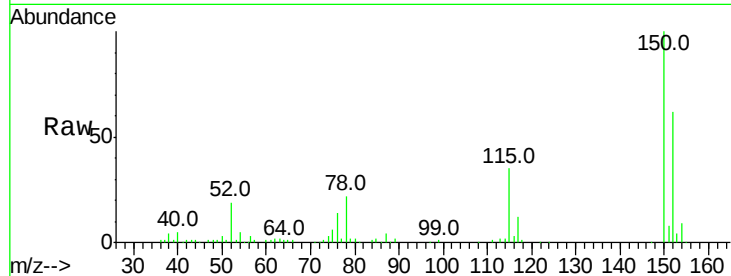


#1

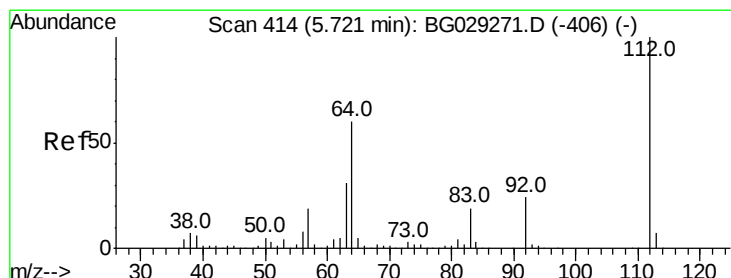
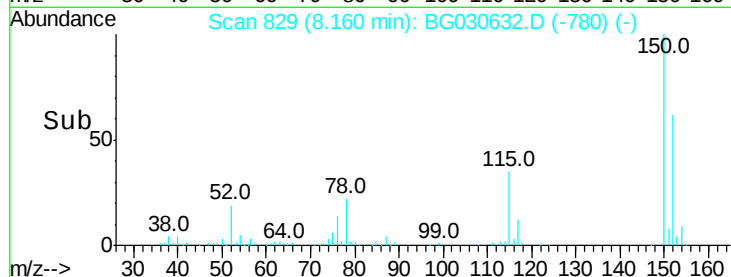
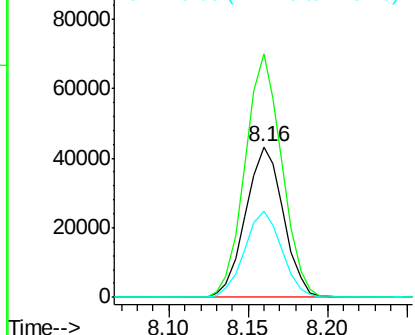
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71364
Ion Ratio Lower Upper
152 100
150 161.9 126.6 189.8
115 56.9 53.0 79.4



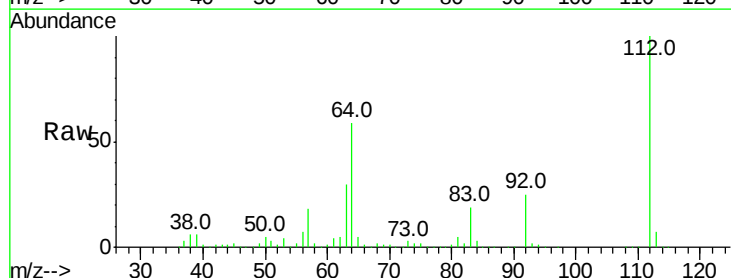
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



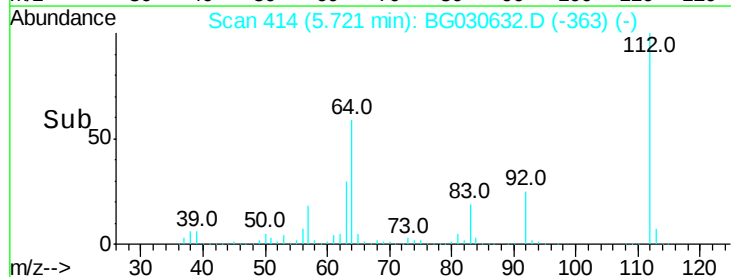
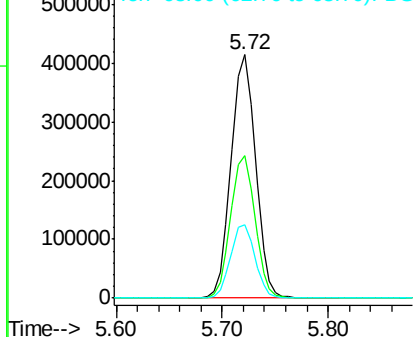
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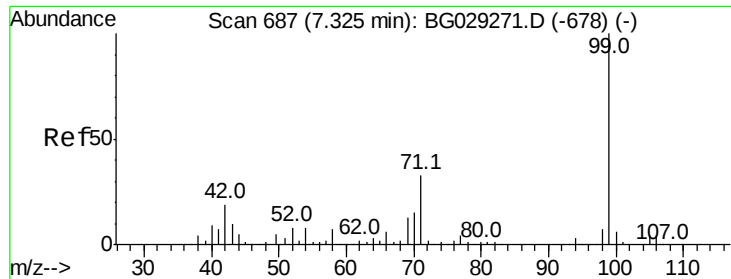
2-Fluorophenol
Concen: 155.397 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Tgt Ion:112 Resp: 663837
Ion Ratio Lower Upper
112 100
64 58.5 56.3 84.5
63 30.3 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: 134.934 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

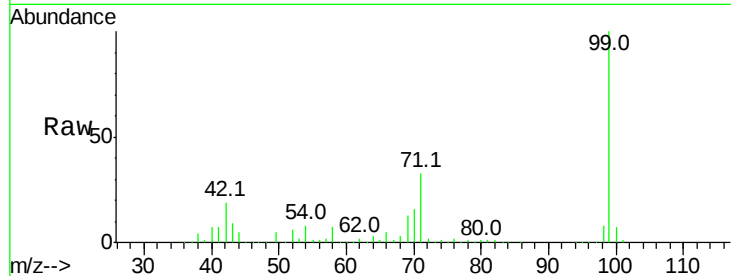
Tot Ion: 99 Resp: 809097

Ion Ratio Lower Upper

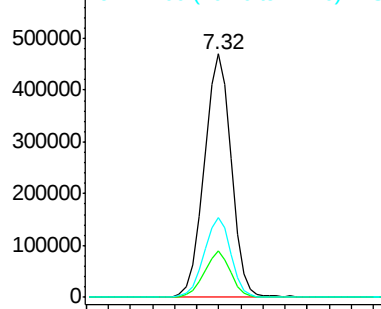
99 100

42 19.0 14.1 21.1

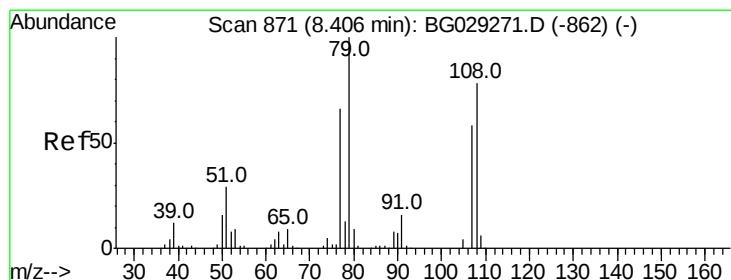
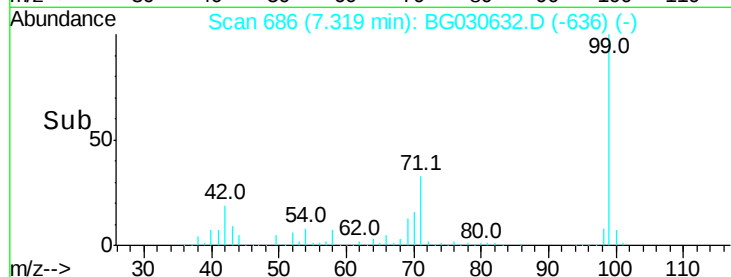
71 32.7 26.1 39.1



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



Time--> 7.20 7.30 7.40



#15

Benzyl Alcohol

Concen: 2.208 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.08 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

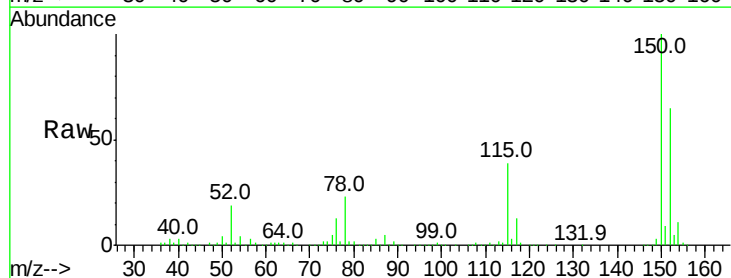
Tgt Ion: 79 Resp: 9329

Ion Ratio Lower Upper

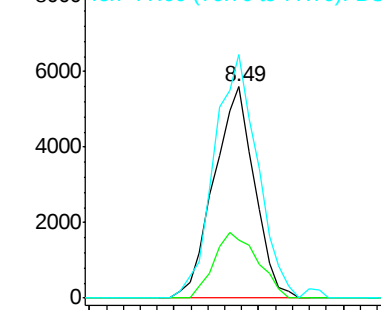
79 100

108 27.8 57.2 85.8#

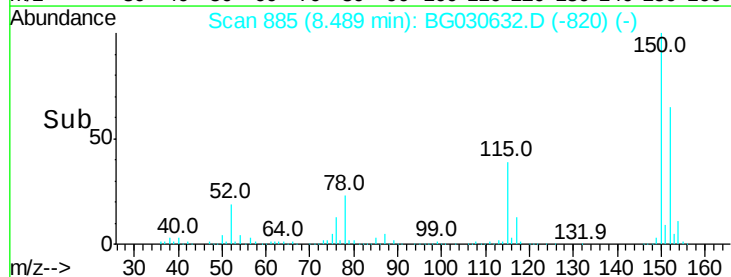
77 115.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time--> 8.40 8.45 8.50 8.55

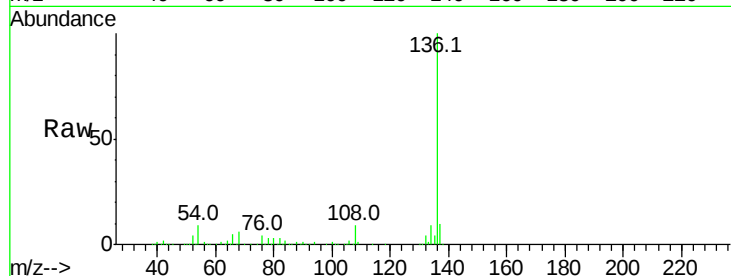




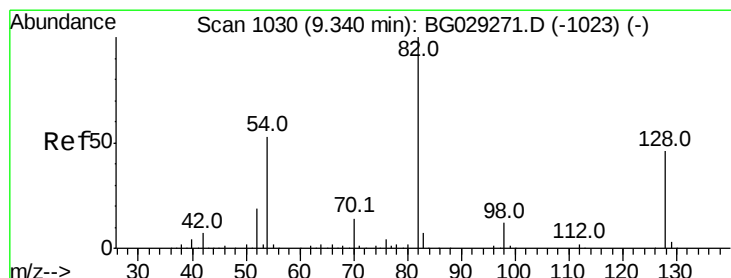
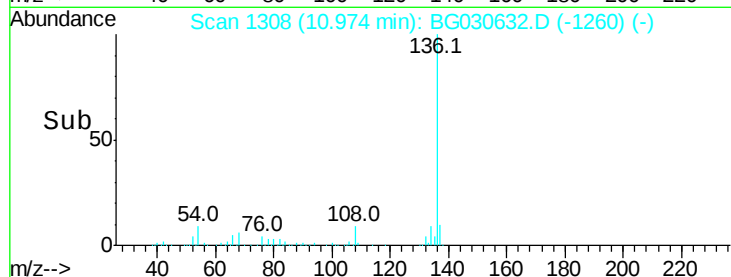
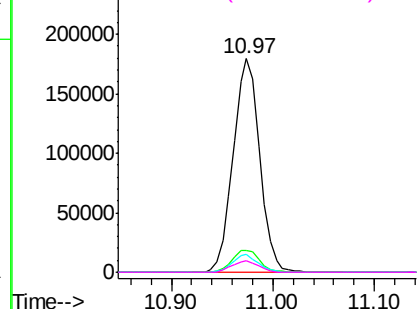
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	325322
Ion Ratio	Lower	Upper
136	100	
137	10.0	9.2 13.8
54	8.5	10.3 15.5#
68	5.5	4.5 6.7

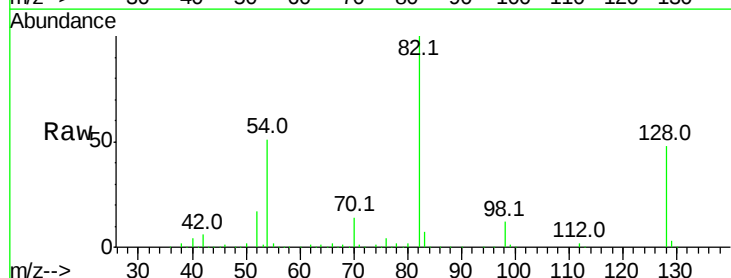


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

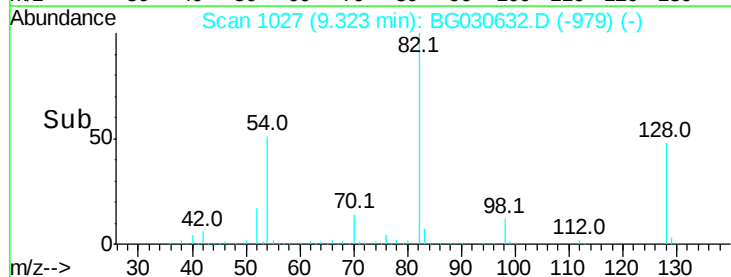
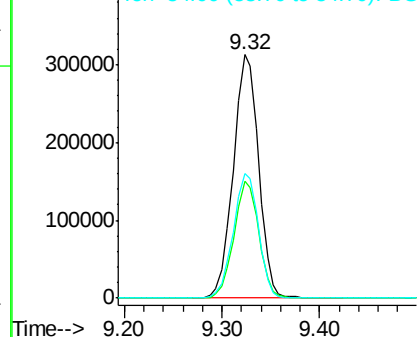


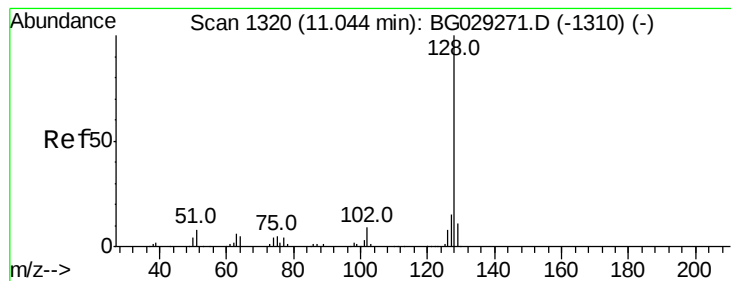
#23
Nitrobenzene-d5
Concen: 109.806 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Tgt Ion: 82	Resp:	562140
Ion Ratio	Lower	Upper
82	100	
128	47.9	29.7 44.5#
54	51.0	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#31

Naphthalene

Concen: 3.212 ng

RT: 11.03 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

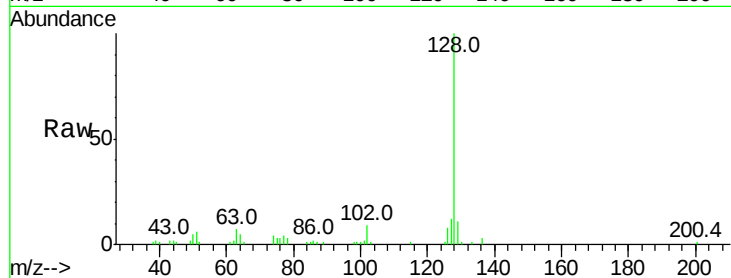
Tot Ion:128 Resp: 52083

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

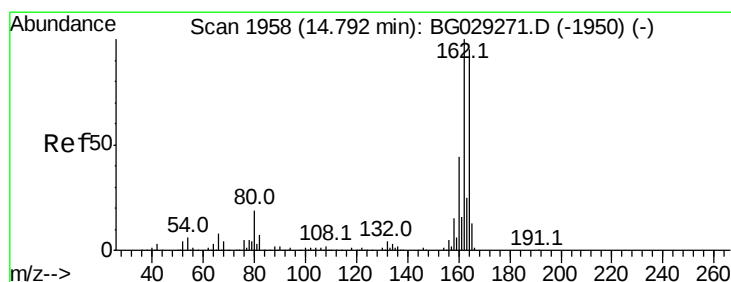
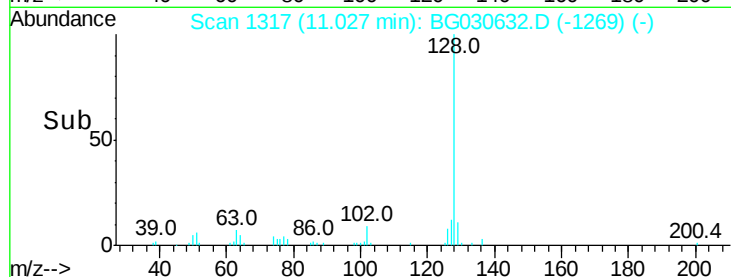
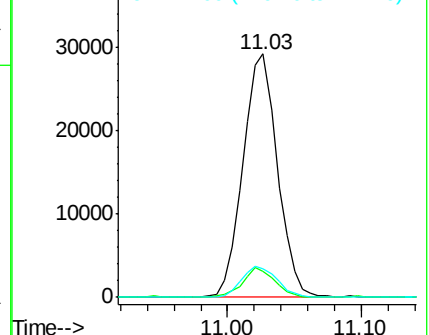
127 11.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

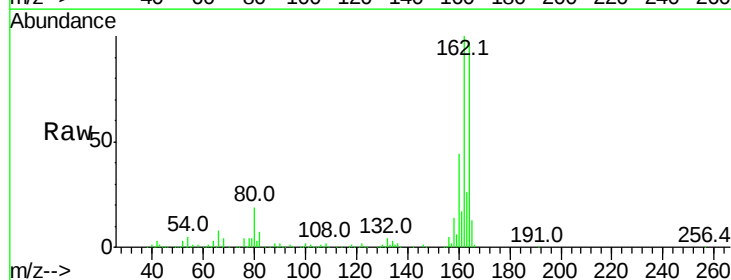
Tgt Ion:164 Resp: 214983

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

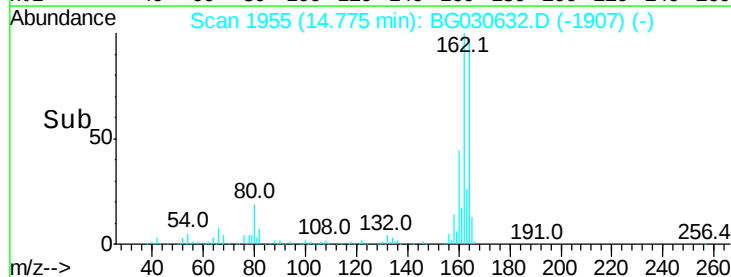
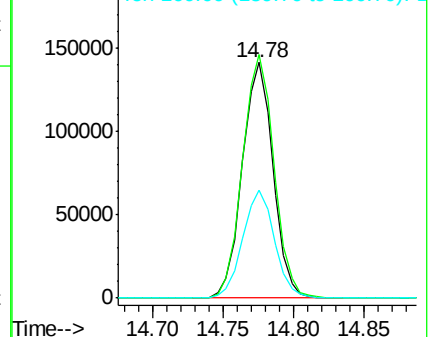
160 45.6 35.4 53.0

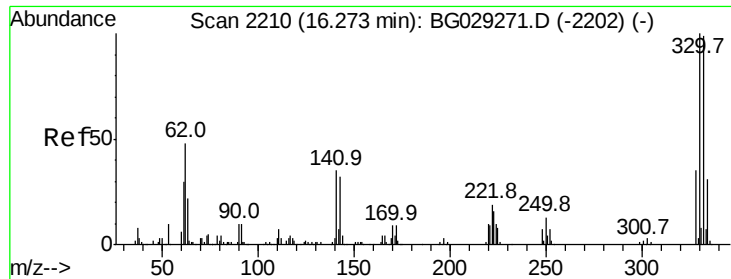


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

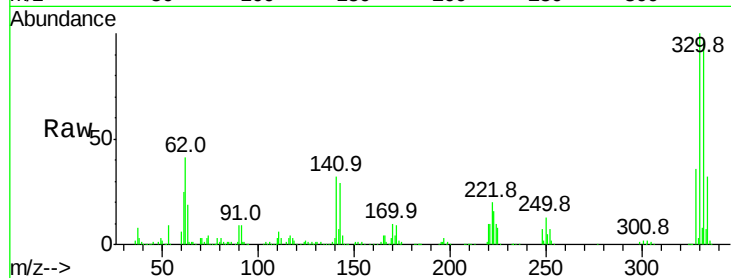




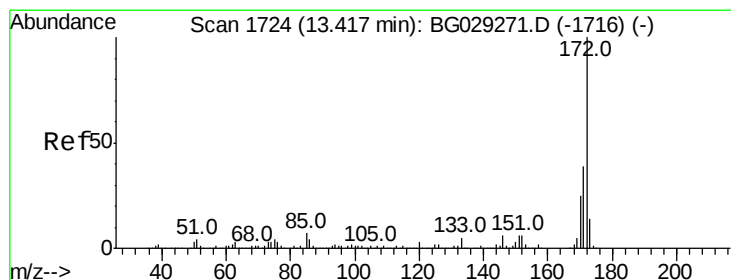
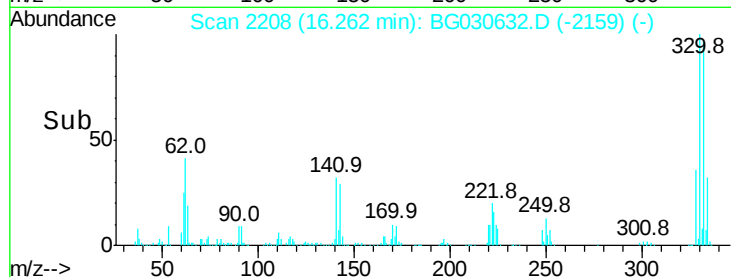
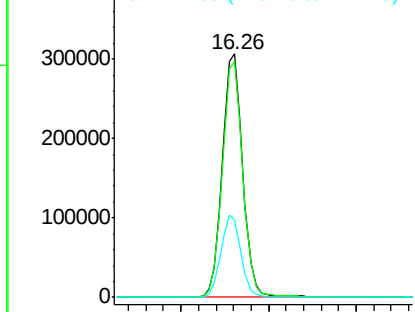
#41
 2,4,6-Tribromophenol
 Concen: 177.590 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030632.D
 Acq: 1 Nov 2017 13:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 492928
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.1 25.2 37.8

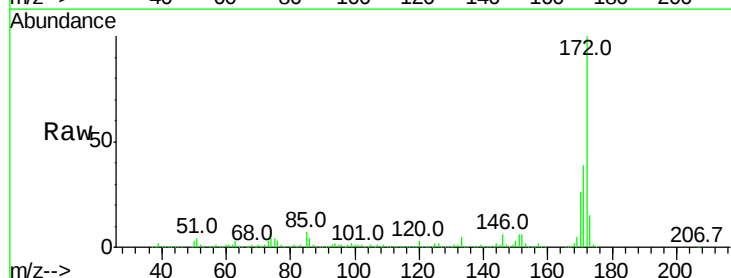


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

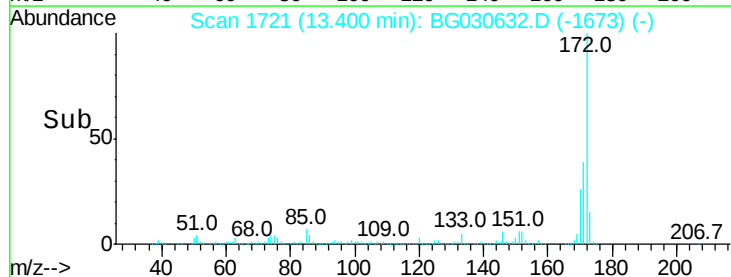
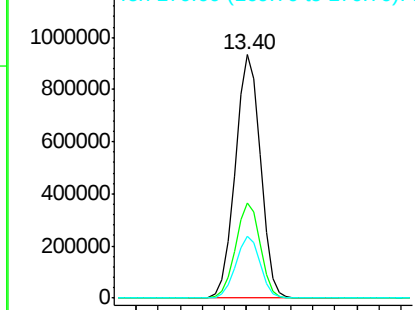


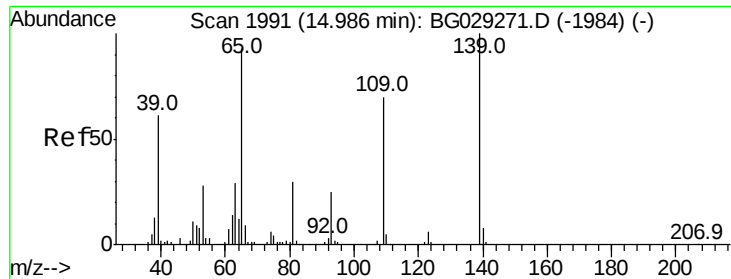
#44
 2-Fluorobiphenyl
 Concen: 102.326 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG030632.D
 Acq: 1 Nov 2017 13:03

Tgt Ion:172 Resp: 1499903
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 25.6 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

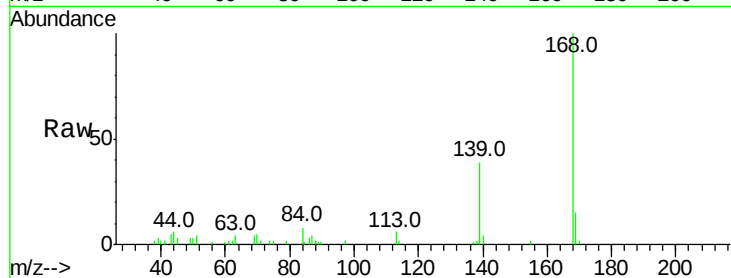




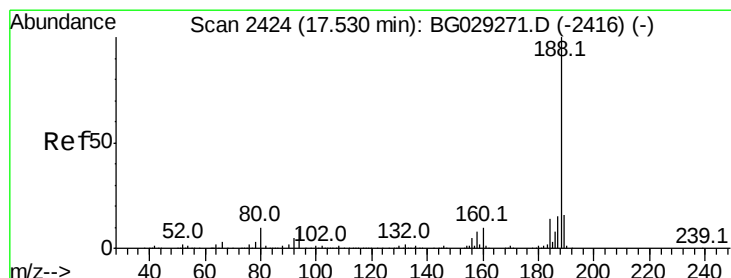
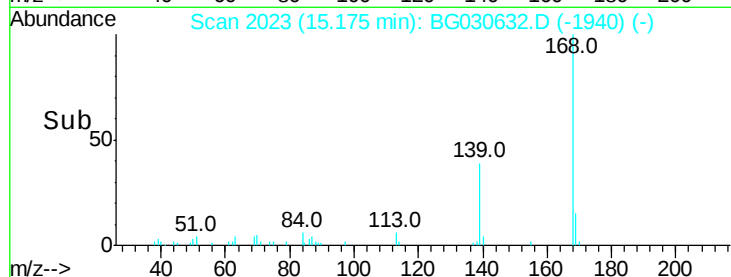
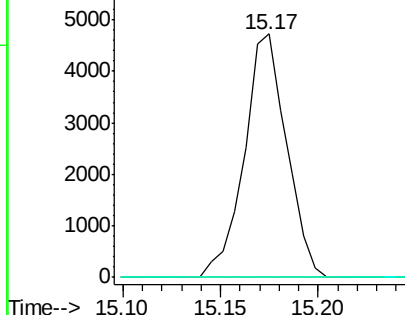
#55
4-Nitrophenol
Concen: 2.269 ng
RT: 15.17 min Scan# 2023
Delta R.T. 0.19 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 7097
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

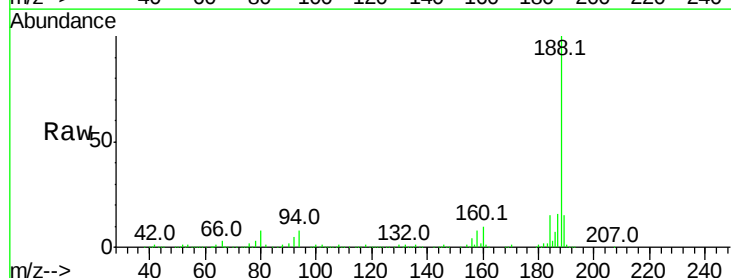


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

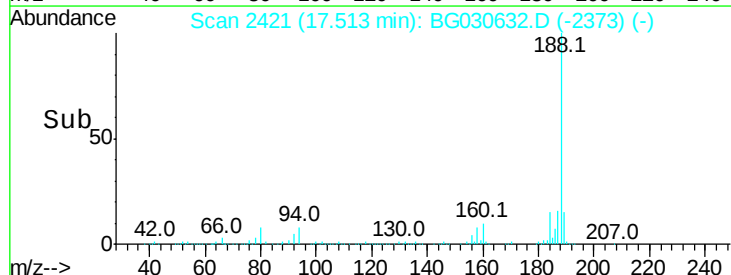
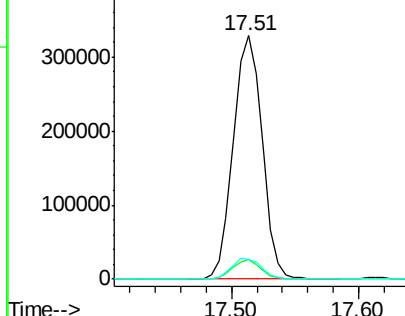


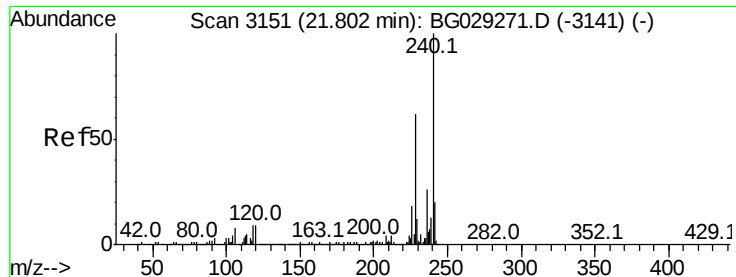
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Tgt Ion:188 Resp: 516729
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

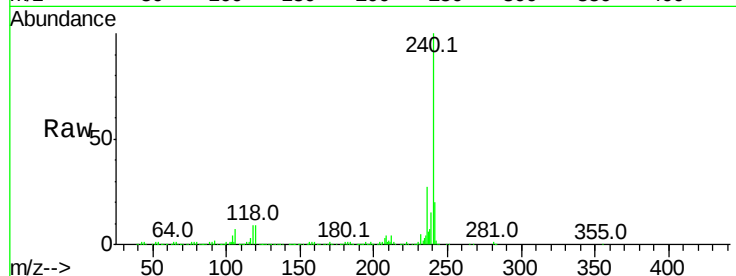
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 554976

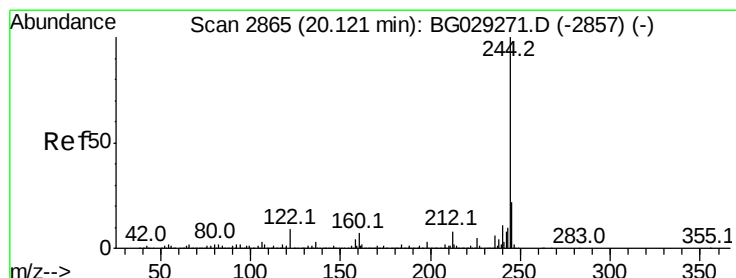
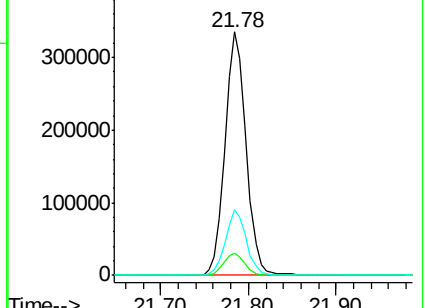
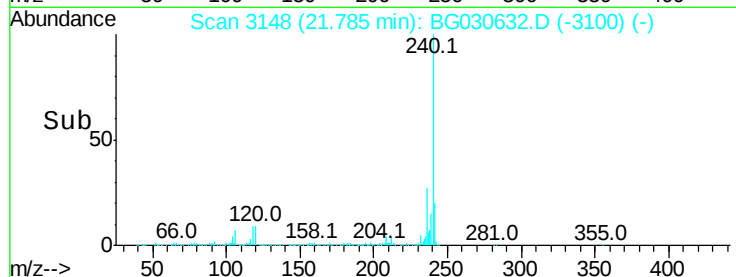
Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.8	10.2
236	26.9	20.9	31.3



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: 97.075 ng

RT: 20.10 min Scan# 2862

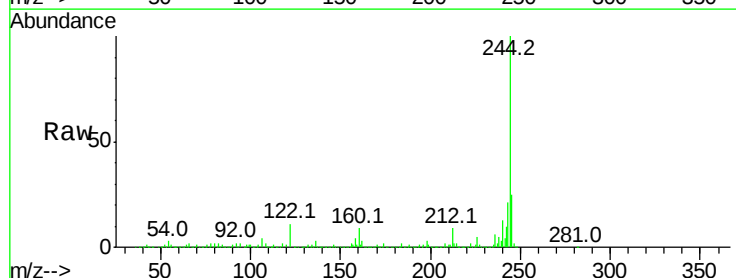
Delta R.T. -0.02 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

Tgt Ion:244 Resp: 2368170

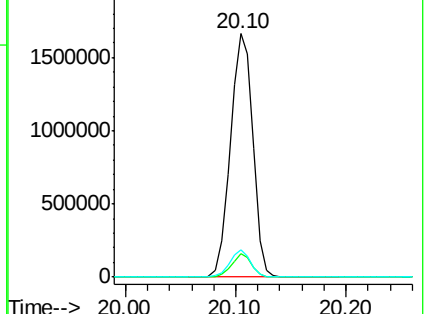
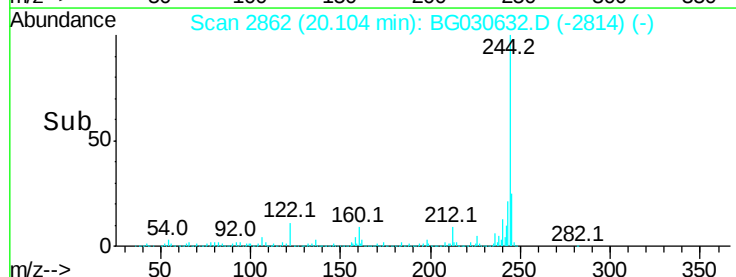
Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	11.2	7.0	10.4#

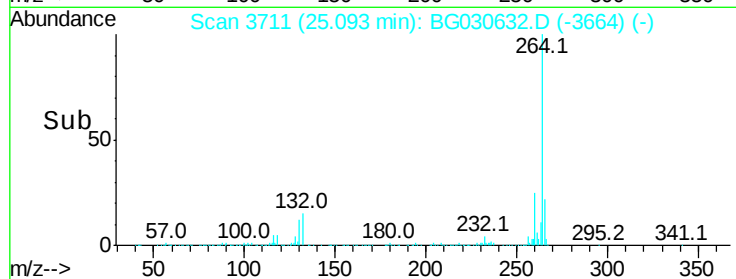
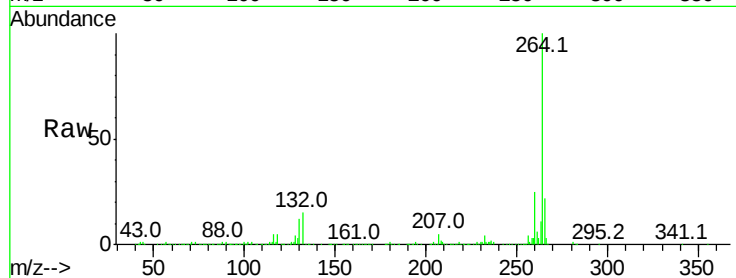
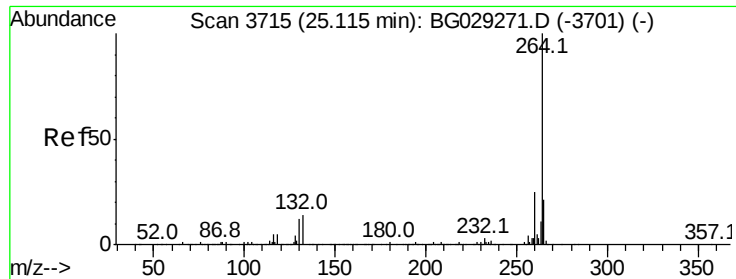


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.5	17.7	26.5

