

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031217.D
 Acq On : 23 Nov 2017 9:28
 Operator : SJ/JU
 Sample : I6565-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 23:22:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

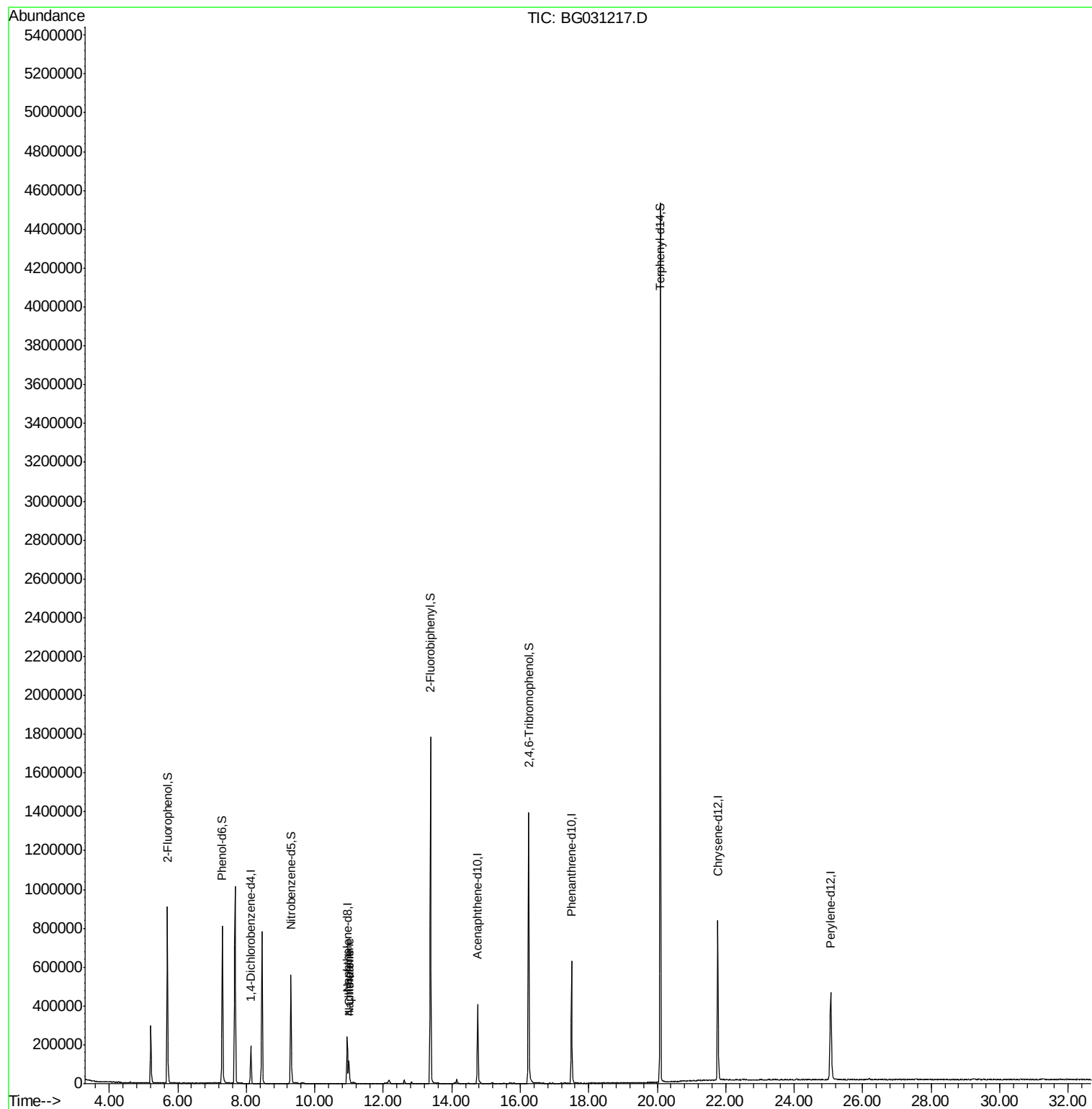
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57214	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	251539	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	161942	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	436059	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	550629	20.00	ng	-0.02
86) Perylene-d12	25.07	264	529331	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	462210	138.53	ng	-0.01
7) Phenol-d6	7.30	99	544107	121.05	ng	0.00
23) Nitrobenzene-d5	9.30	82	379780	89.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	317486	121.19	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1062371	94.26	ng	-0.02
78) Terphenyl-d14	20.09	244	2169528	87.00	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	111964	9.05	ng	98
33) 4-Chloroaniline	11.00	127	14957	2.76	ng	# 40

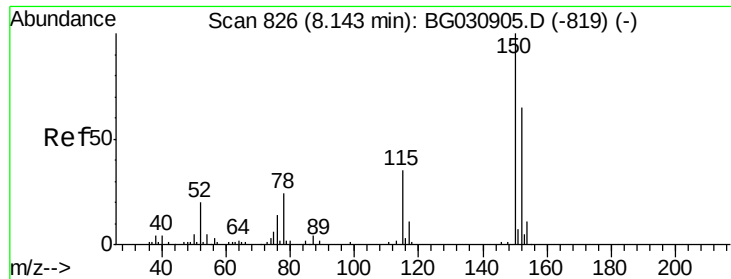
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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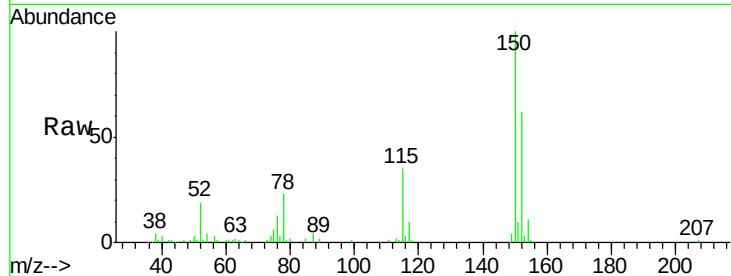


#1

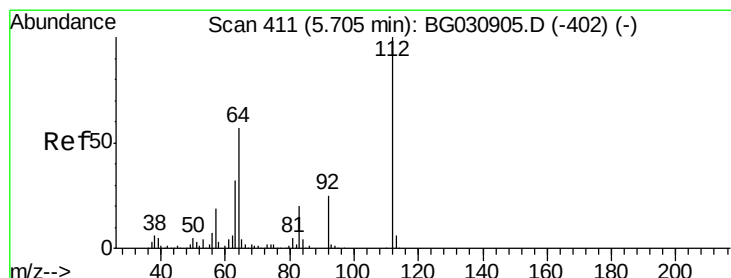
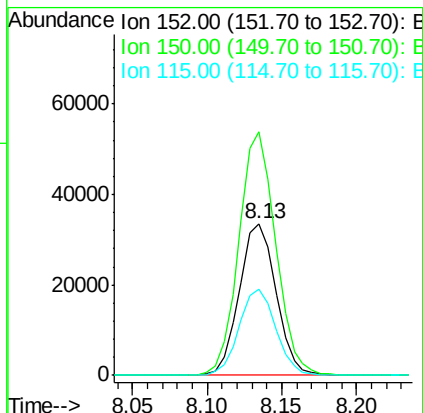
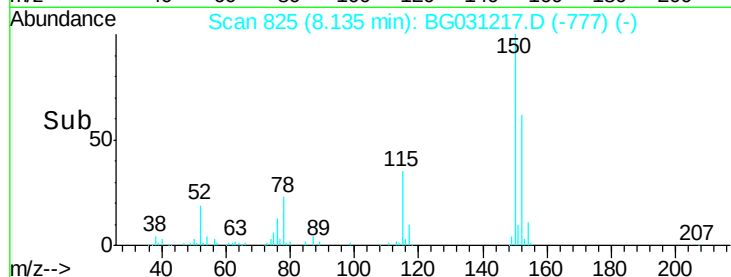
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	56.5	53.0	79.4



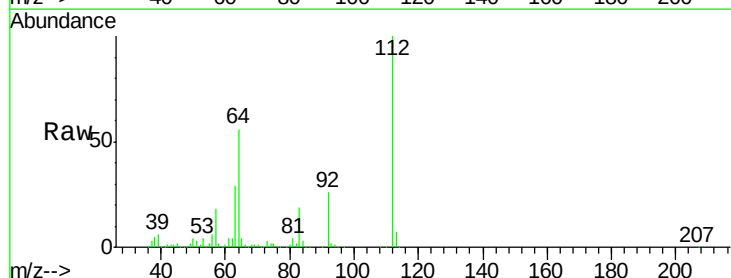
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



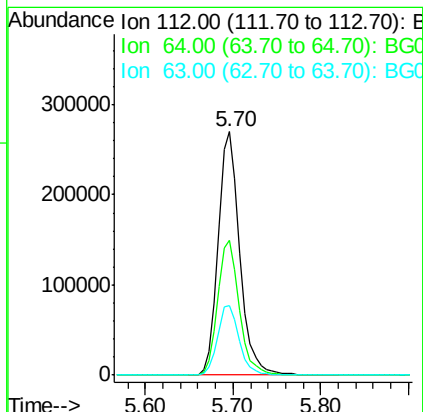
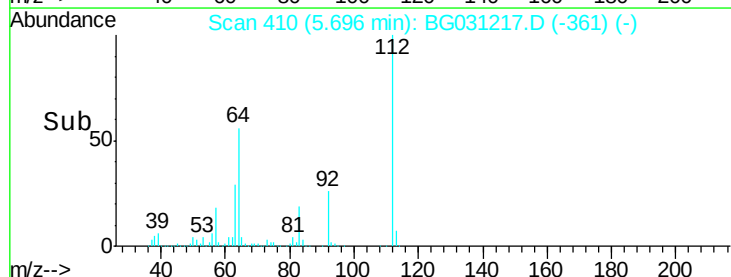
#5

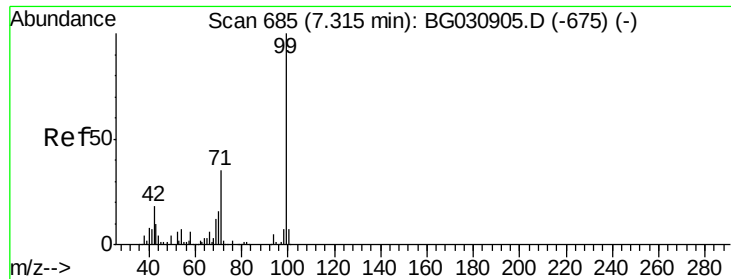
2-Fluorophenol
Concen: 138.53 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	56.3	84.5#
63	28.6	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 121.05 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031217.D

Acq: 23 Nov 2017 9:28

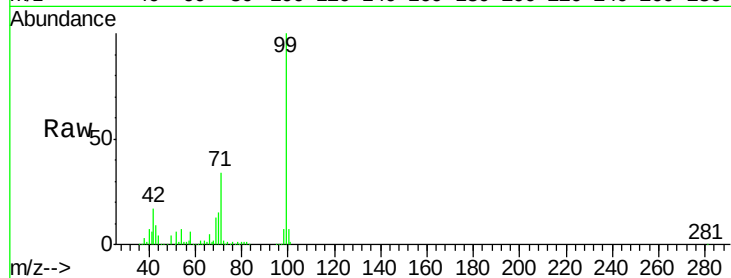
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 544107

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	34.1	26.1	39.1

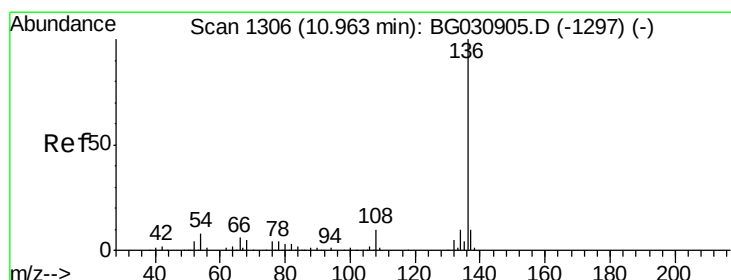
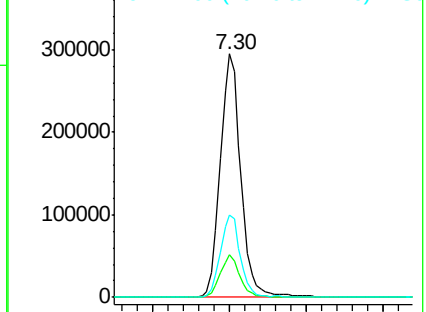
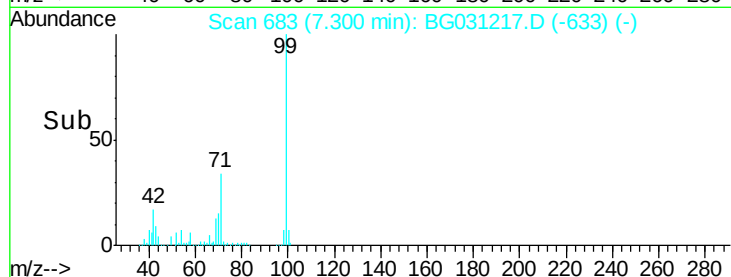


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1304

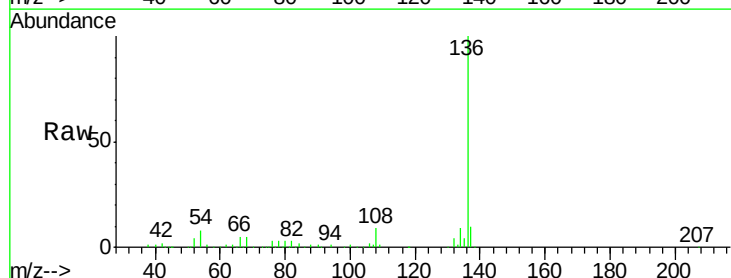
Delta R.T. -0.02 min

Lab File: BG031217.D

Acq: 23 Nov 2017 9:28

Tgt Ion: 136 Resp: 251539

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.5	10.3	15.5#
68	5.2	4.5	6.7



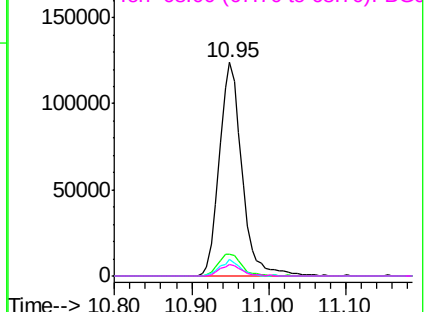
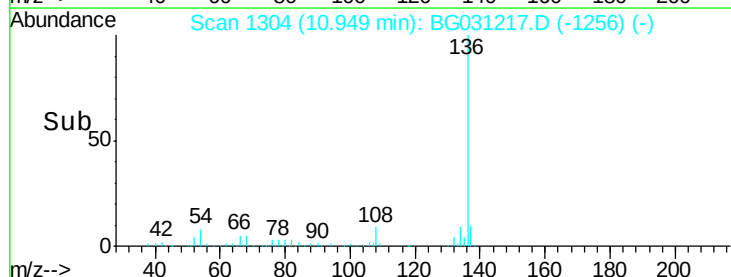
Abundance

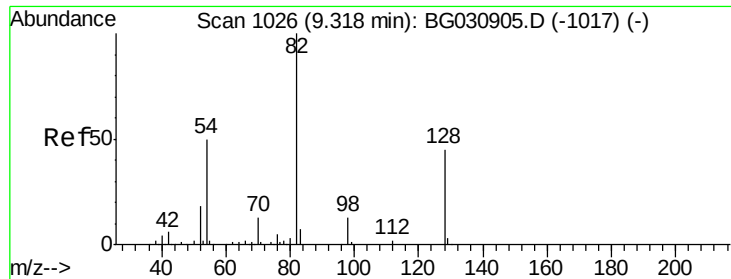
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

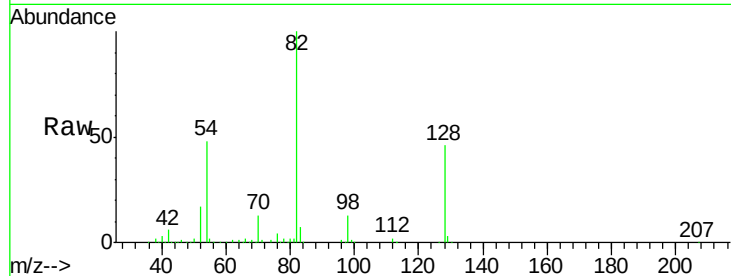




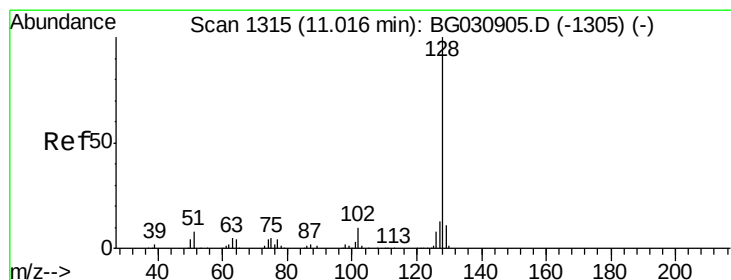
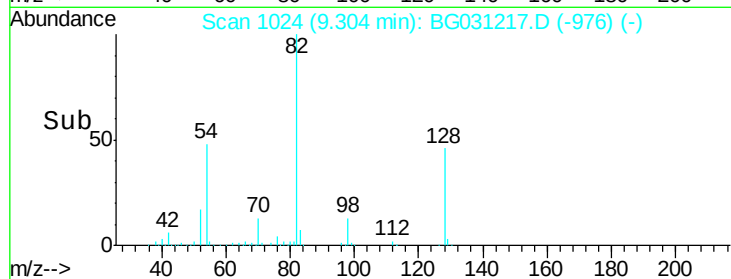
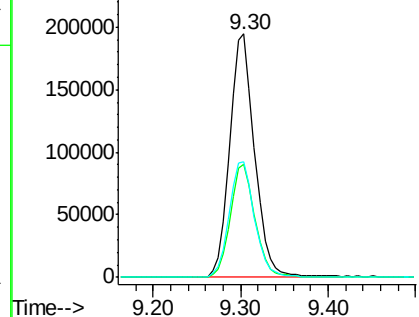
#23
Nitrobenzene-d5
Concen: 89.47 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 379780
Ion Ratio Lower Upper
82 100
128 46.4 29.7 44.5#
54 47.5 43.1 64.7

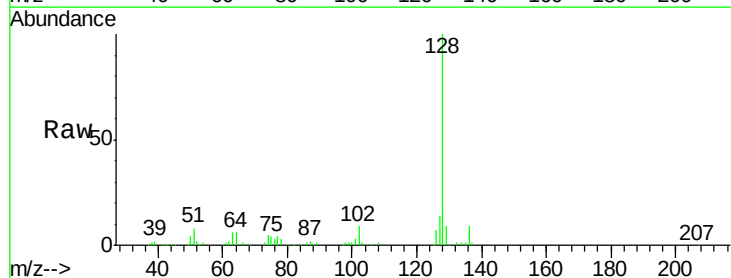


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

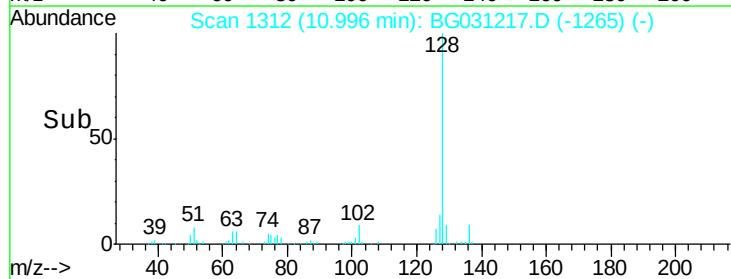
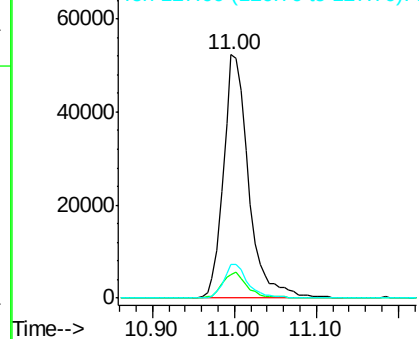


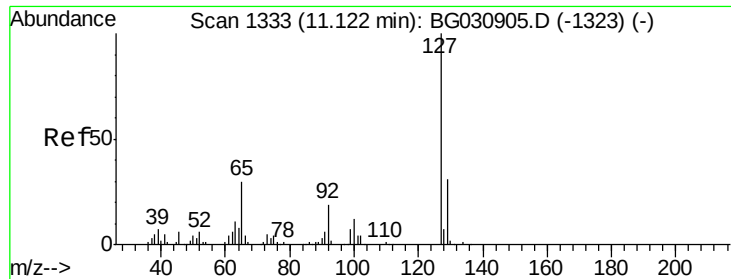
#31
Naphthalene
Concen: 9.05 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Tgt Ion: 128 Resp: 111964
Ion Ratio Lower Upper
128 100
129 9.5 8.6 12.8
127 13.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

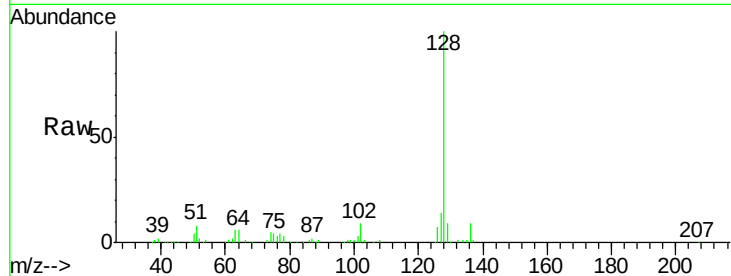




#33
4-Chloroaniline
Concen: 2.76 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.12 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	68.6	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

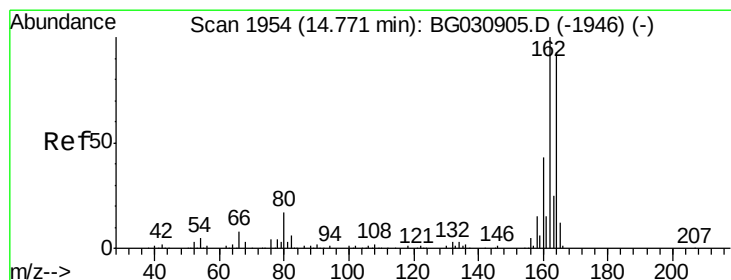
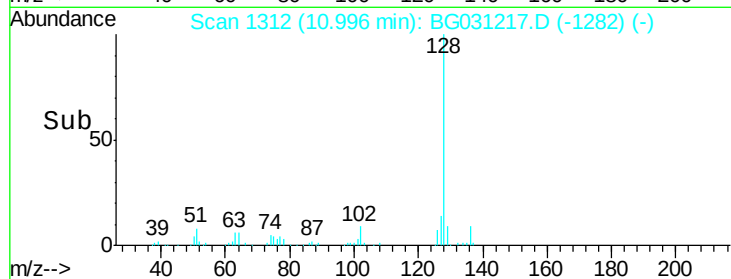
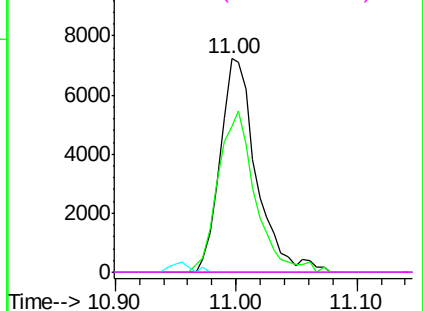


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

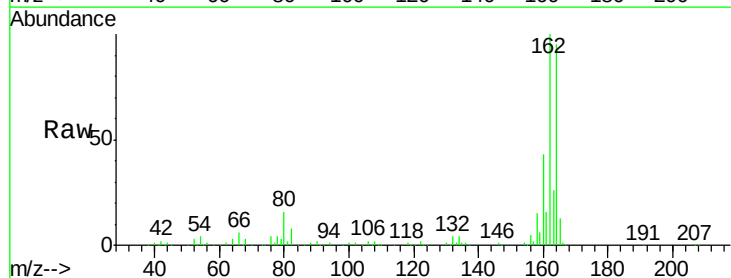
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

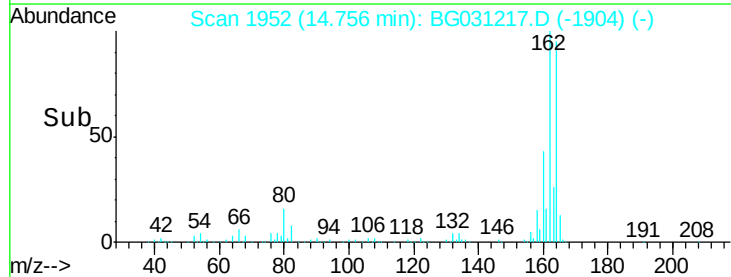
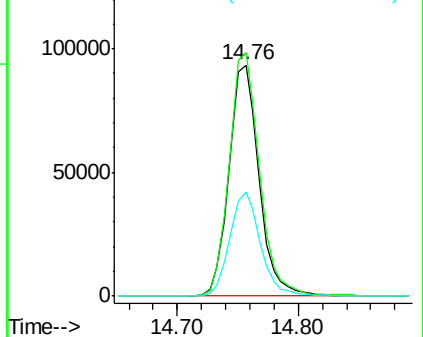
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	45.1	35.4	53.0

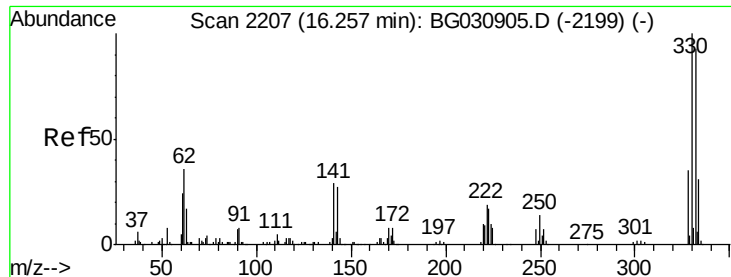


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

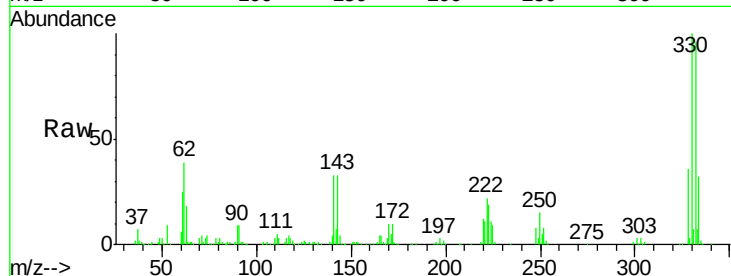




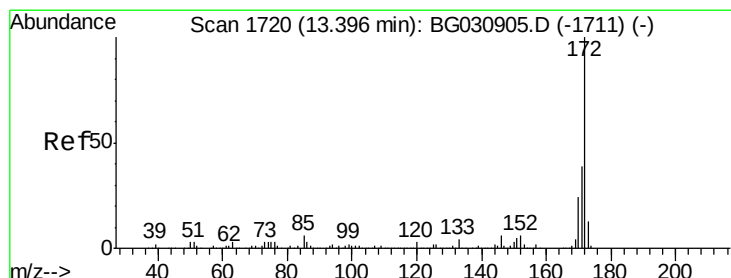
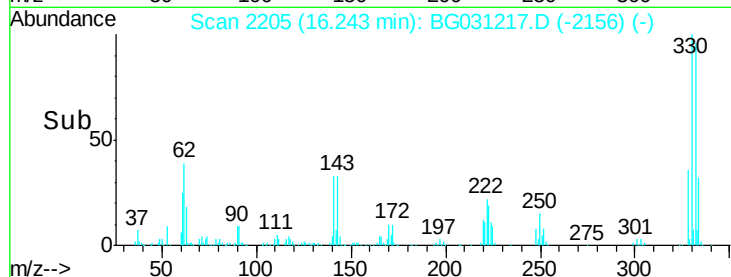
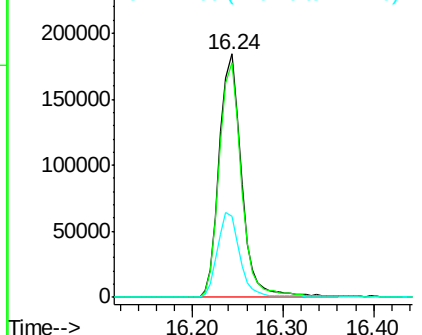
#41
 2,4,6-Tribromophenol
 Concen: 121.19 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031217.D
 Acq: 23 Nov 2017 9:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.0	25.2	37.8

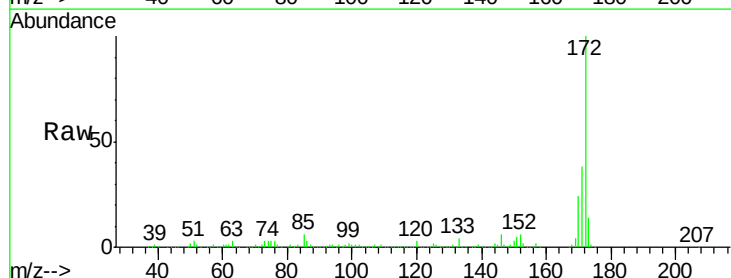


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

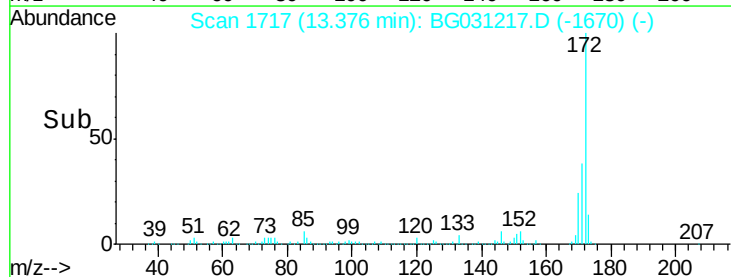
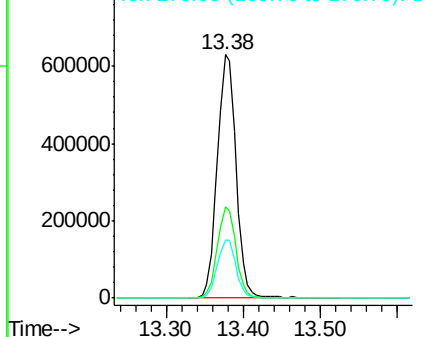


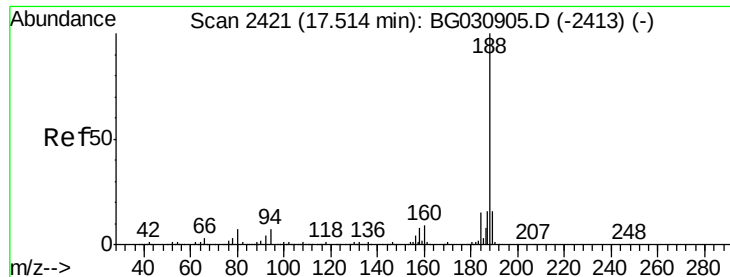
#44
 2-Fluorobiphenyl
 Concen: 94.26 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031217.D
 Acq: 23 Nov 2017 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.0	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

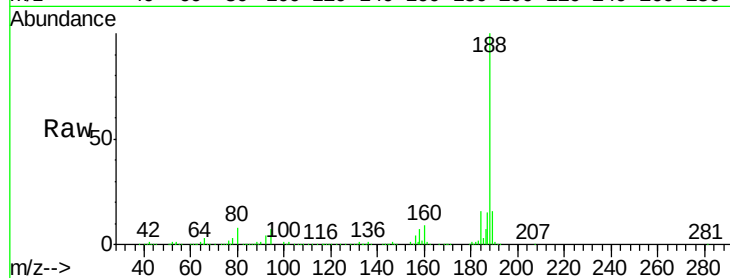




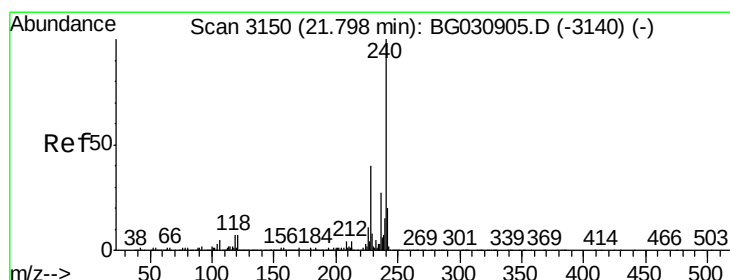
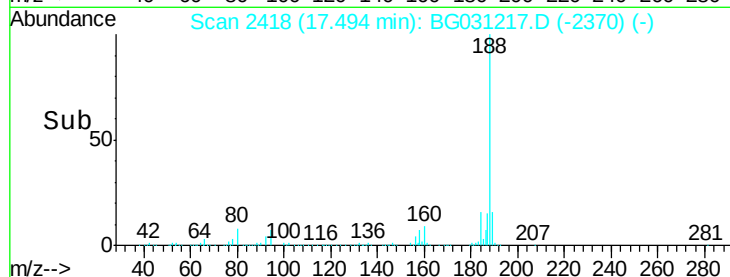
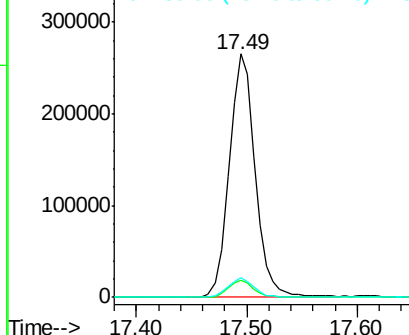
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 436059
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.2 7.7 11.5

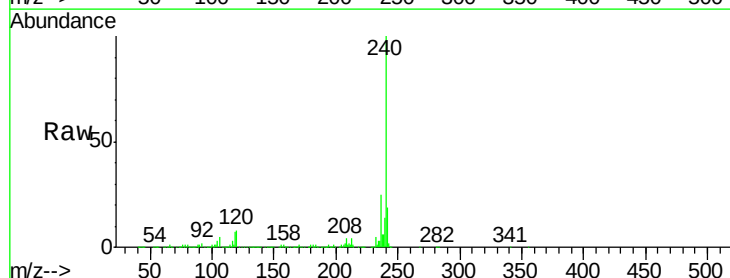


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

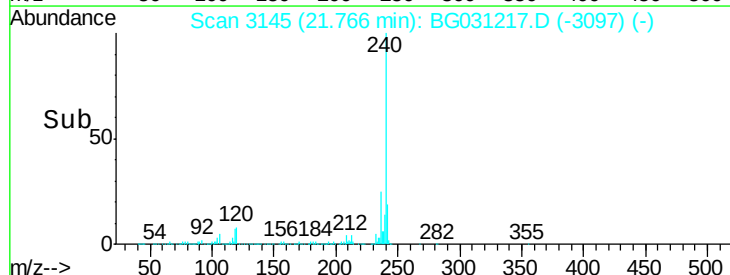
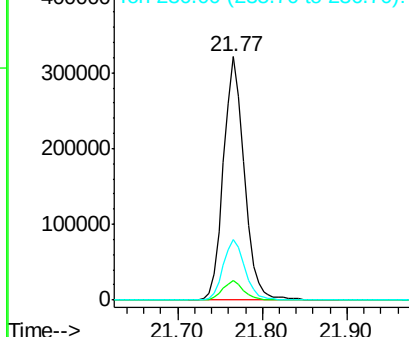


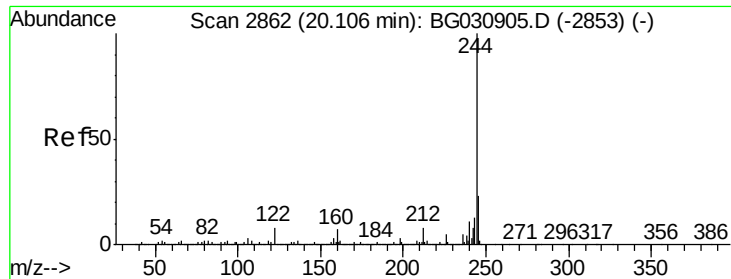
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031217.D
Acq: 23 Nov 2017 9:28

Tgt Ion:240 Resp: 550629
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.1 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: 87.00 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031217.D

Acq: 23 Nov 2017 9:28

Instrument :

BNA_G

ClientSampleId :

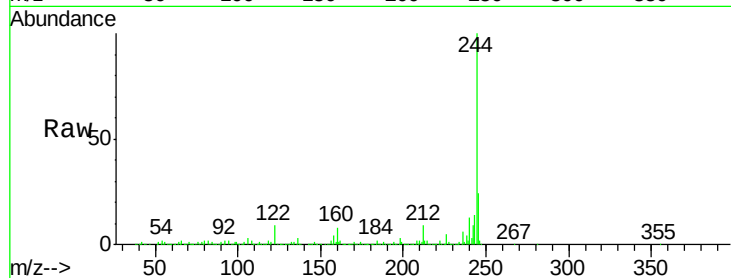
Tot Ion:244 Resp: 2169528

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	9.2	7.0	10.4

244 100

212 8.9 5.8 8.8#

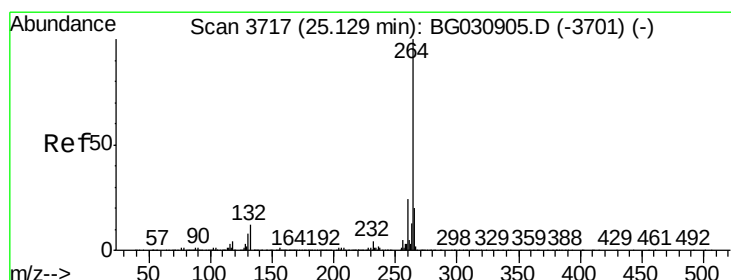
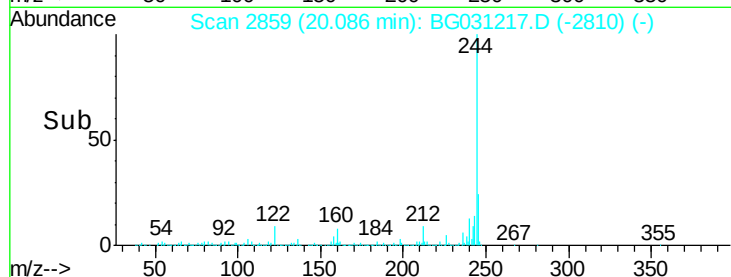
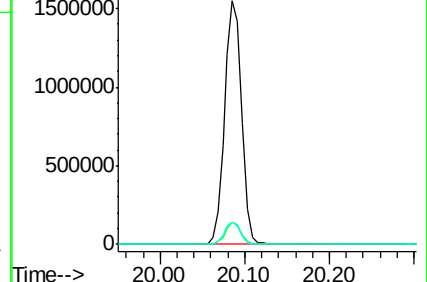
122 9.2 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031217.D

Acq: 23 Nov 2017 9:28

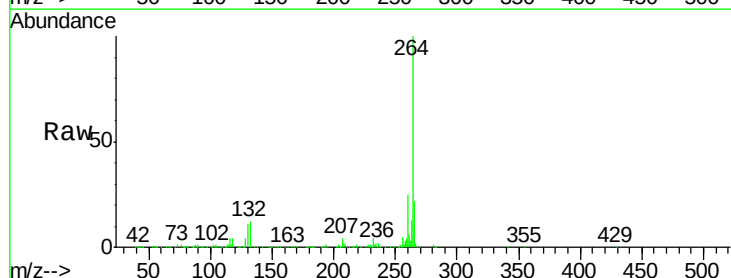
Tgt Ion:264 Resp: 529331

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.9	17.7	26.5

264 100

260 25.1 17.4 26.0

265 21.9 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

