

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030922.D
 Acq On : 11 Nov 2017 00:52
 Operator : SJ/JU
 Sample : I6383-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 11 05:05:29 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

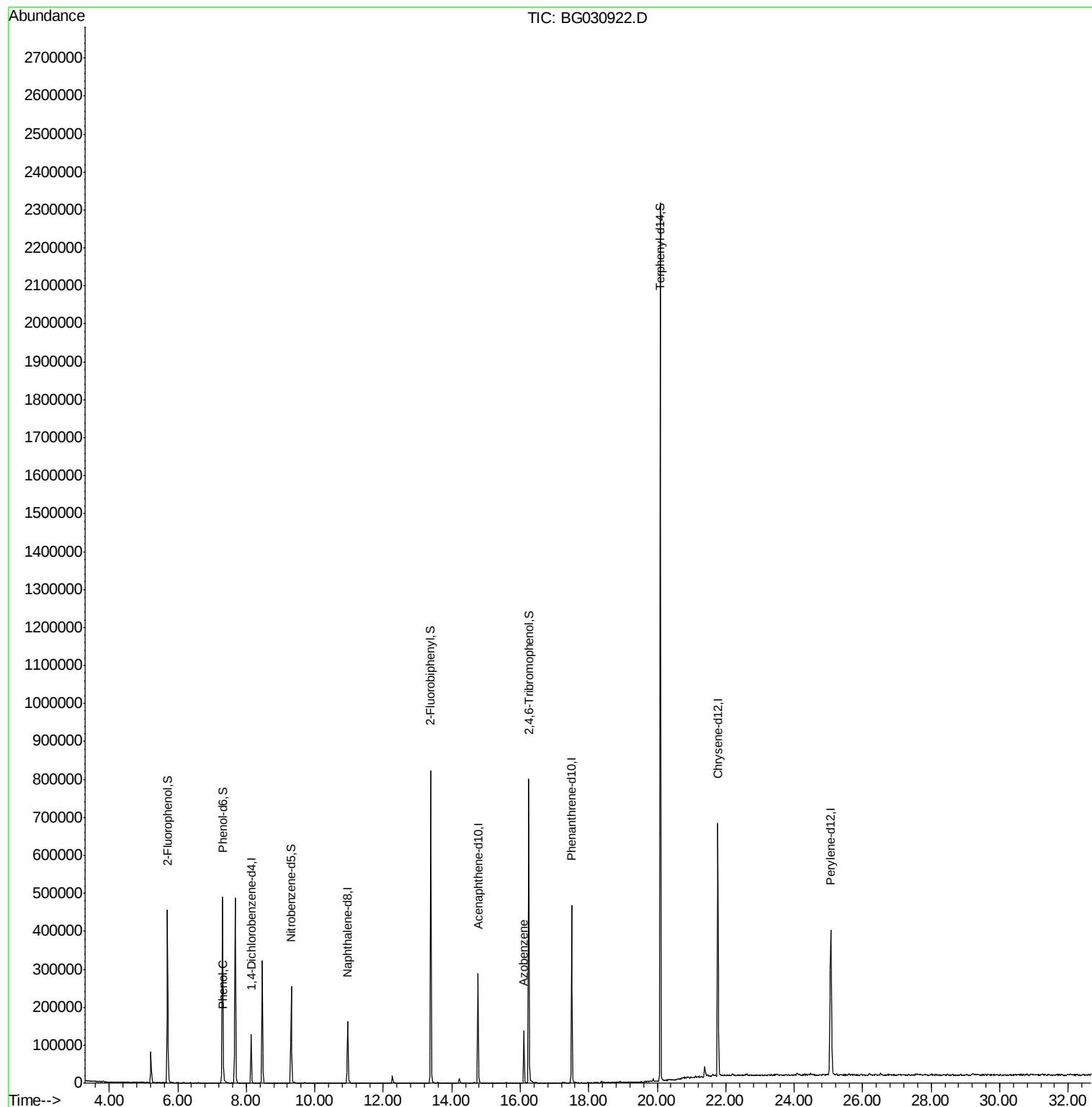
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37444	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	157984	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	109209	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	292686	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	438679	20.00	ng	-0.02
86) Perylene-d12	25.07	264	457761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	226262	103.62	ng	-0.01
7) Phenol-d6	7.31	99	304564	103.53	ng	0.00
23) Nitrobenzene-d5	9.31	82	169804	63.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	179065	101.36	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	470317	61.88	ng	-0.01
78) Terphenyl-d14	20.09	244	1136452	57.20	ng	0.00
Target Compounds						
10) Phenol	7.34	94	9070	2.97	ng	Qvalue 95
62) Azobenzene	16.11	77	41536	5.68	ng	# 1

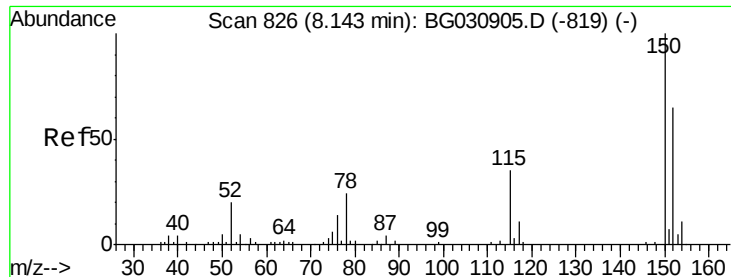
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

Instrument :

BNA_G

ClientSampleId :

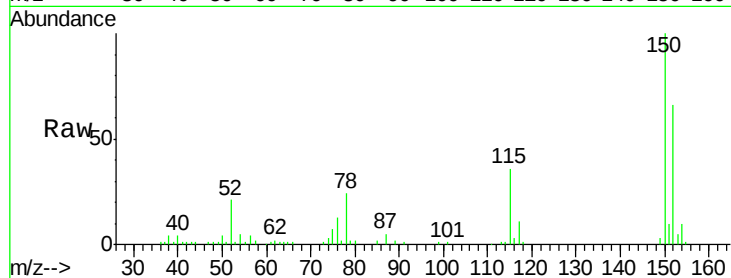
Tot Ion:152 Resp: 37444

Ion Ratio Lower Upper

152 100

150 152.5 126.6 189.8

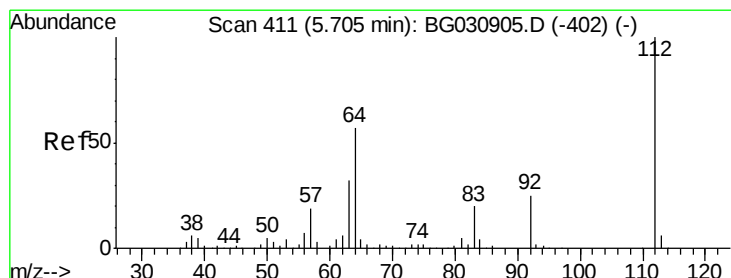
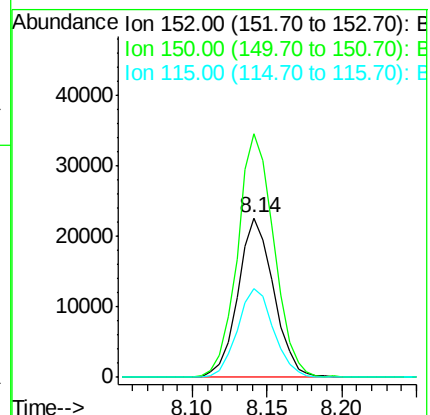
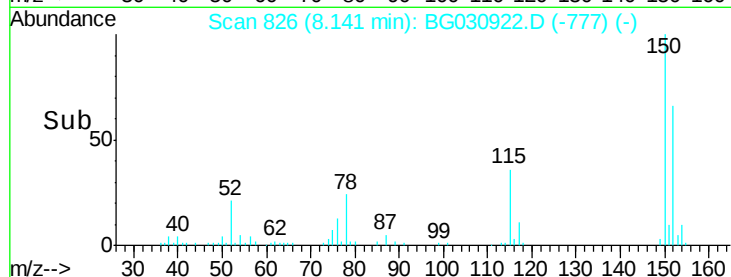
115 55.6 53.0 79.4



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: 103.62 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

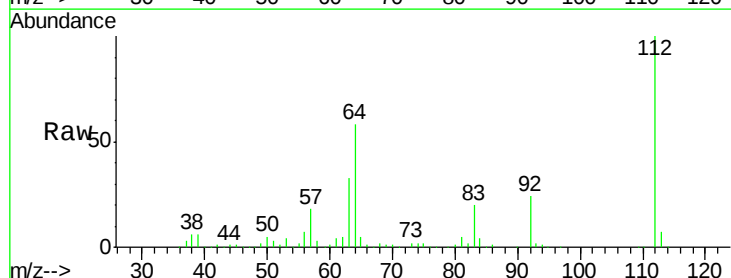
Tgt Ion:112 Resp: 226262

Ion Ratio Lower Upper

112 100

64 58.0 56.3 84.5

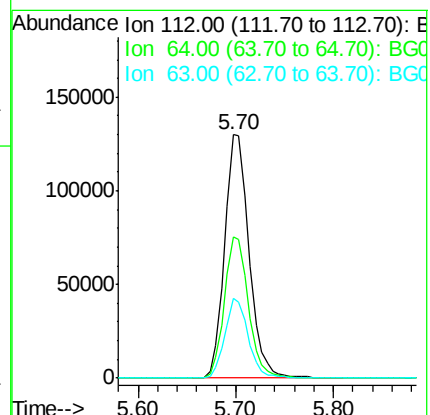
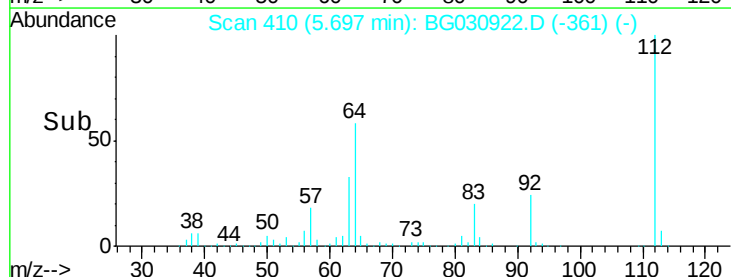
63 32.8 30.1 45.1

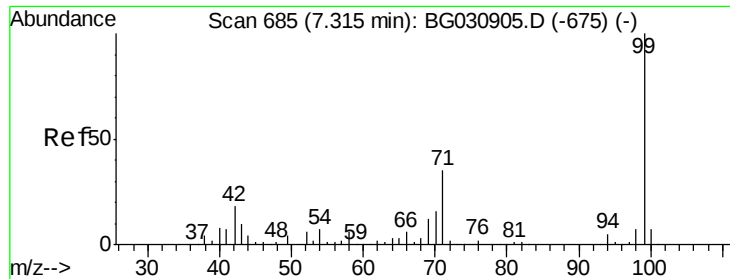


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.53 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

Instrument :

BNA_G

ClientSampleId :

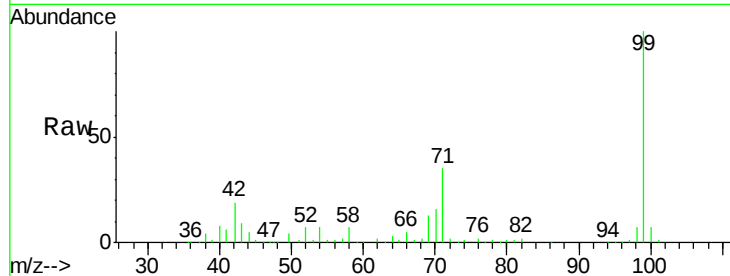
Tot Ion: 99 Resp: 304564

Ion Ratio Lower Upper

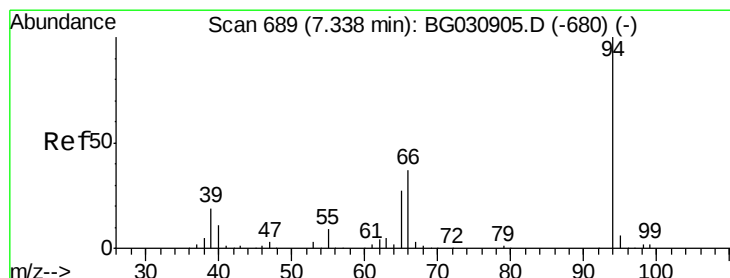
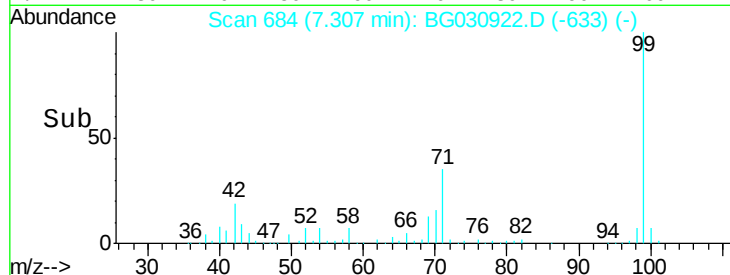
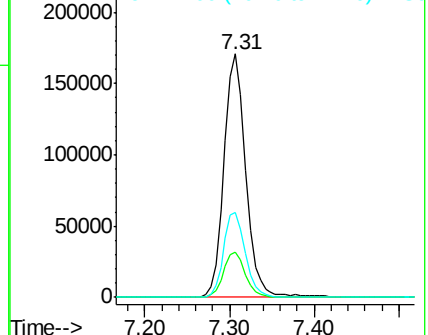
99 100

42 18.5 14.1 21.1

71 35.0 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: 2.97 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

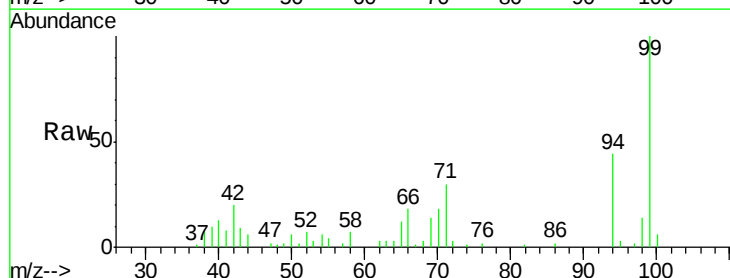
Tgt Ion: 94 Resp: 9070

Ion Ratio Lower Upper

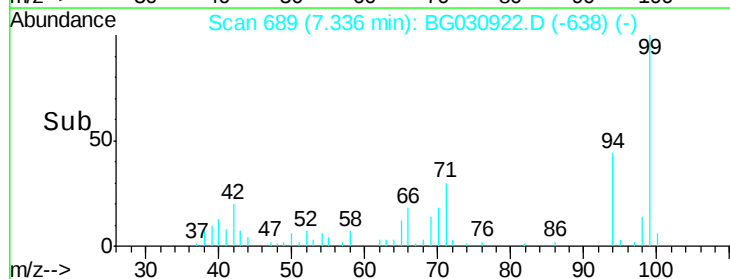
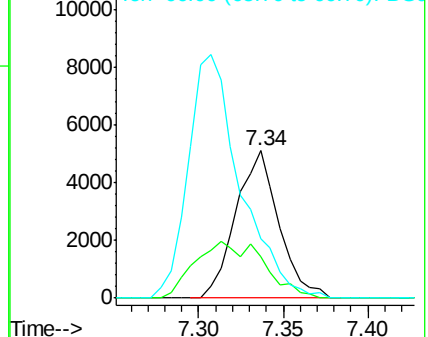
94 100

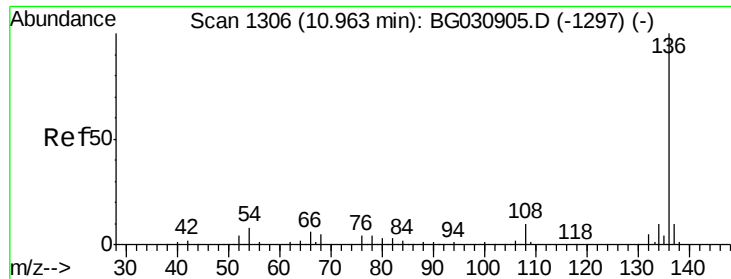
65 27.7 11.9 51.9

66 40.2 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

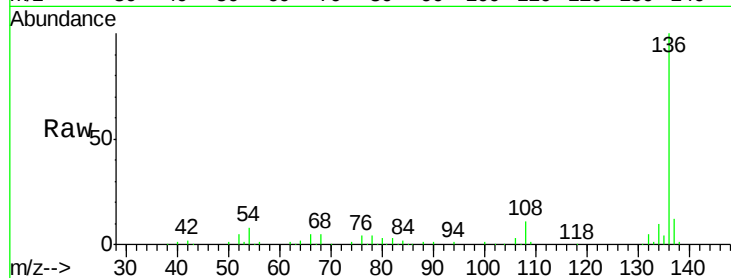




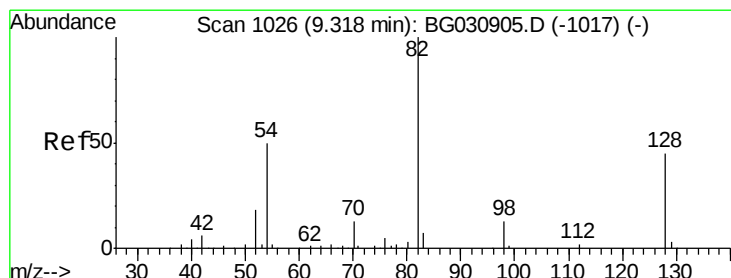
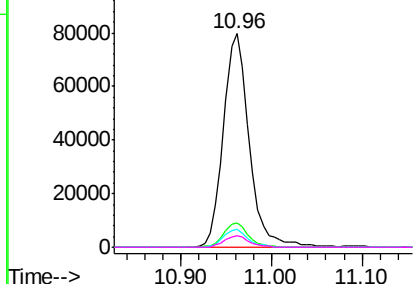
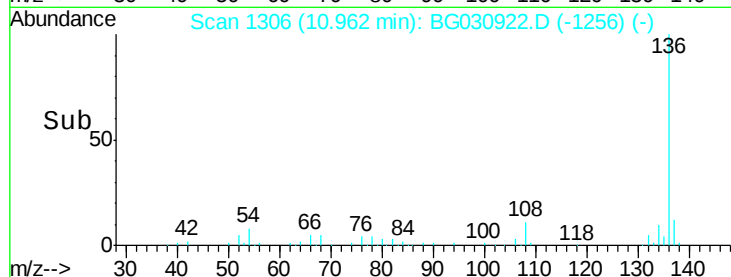
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030922.D
Acq: 11 Nov 2017 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	157984
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	8.4	10.3 15.5#
68	5.3	4.5 6.7

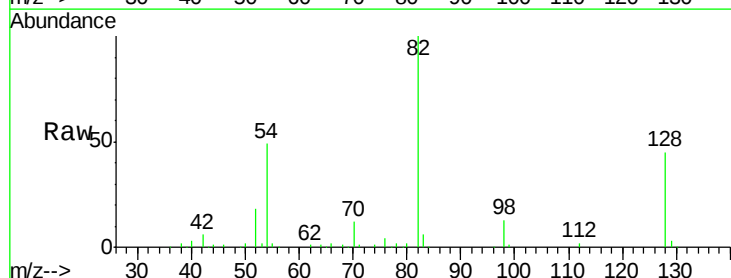


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

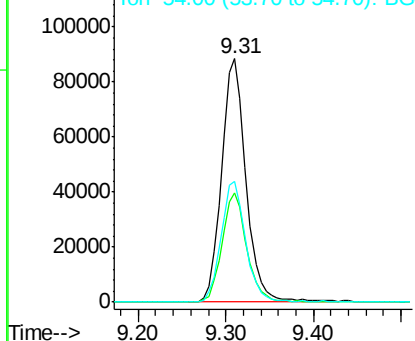
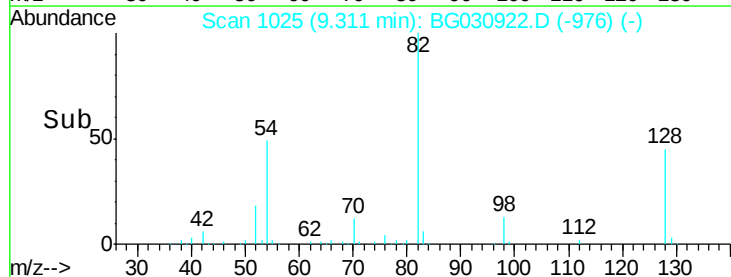


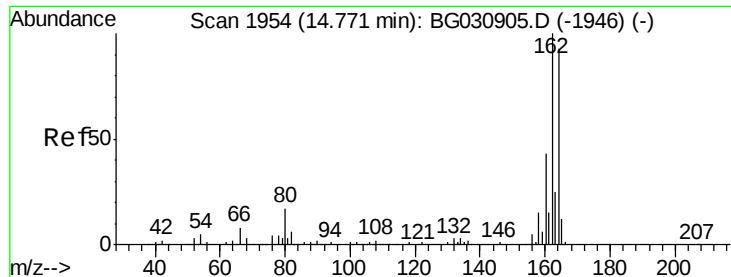
#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030922.D
Acq: 11 Nov 2017 00:52

Tgt Ion: 82	Resp:	169804
Ion Ratio	Lower	Upper
82	100	
128	44.9	29.7 44.5#
54	49.4	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

Instrument :

BNA_G

ClientSampleId :

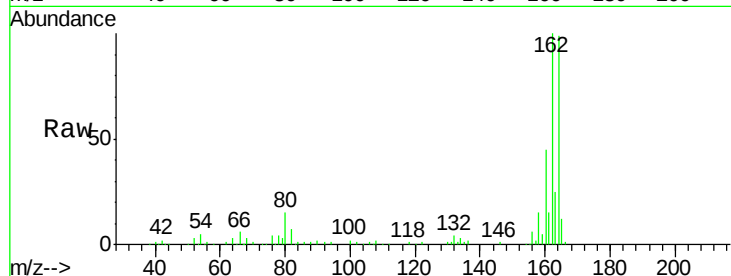
Tot Ion:164 Resp: 109209

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

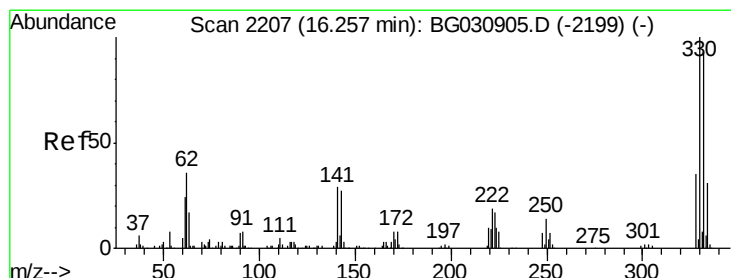
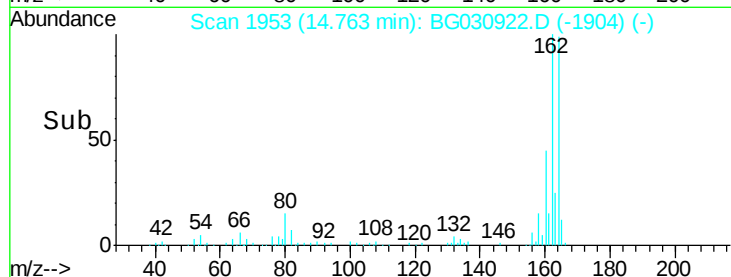
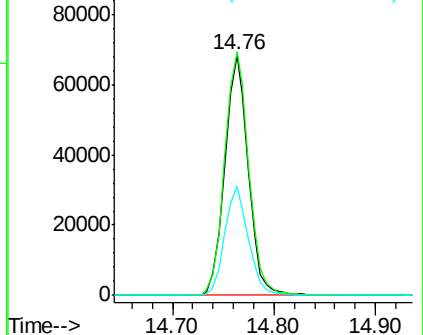
160 45.3 35.4 53.0



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: 101.36 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

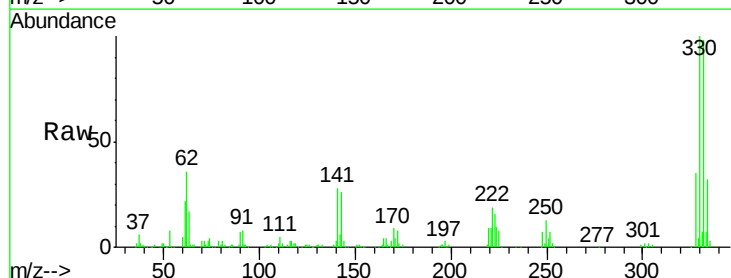
Tgt Ion:330 Resp: 179065

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

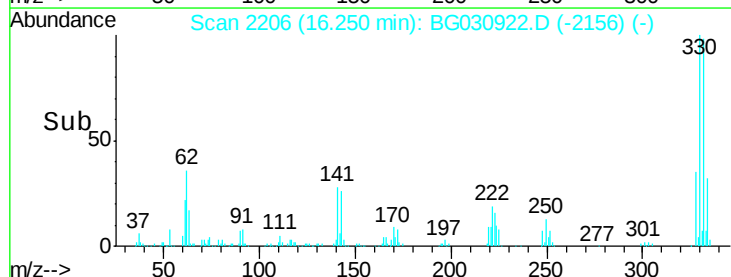
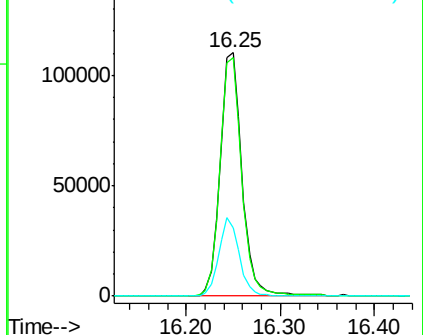
141 30.1 25.2 37.8

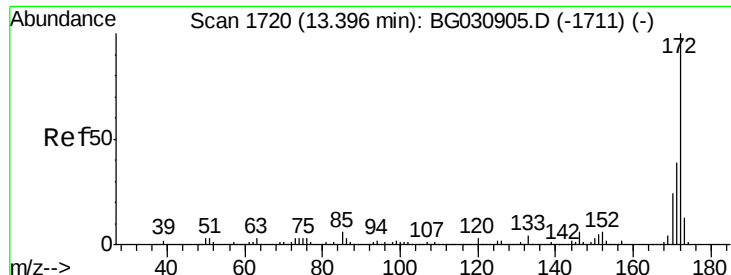


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

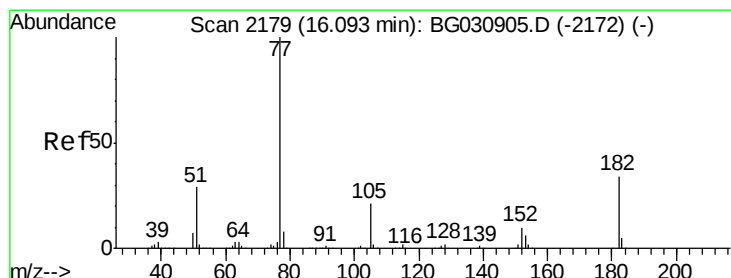
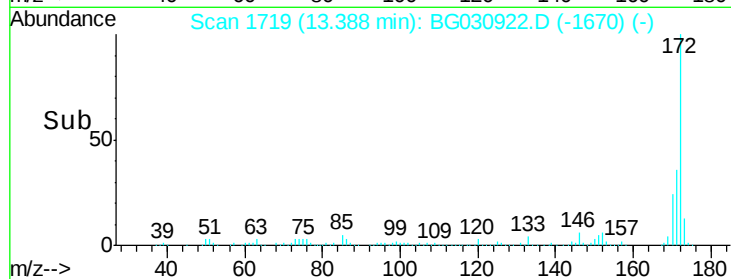
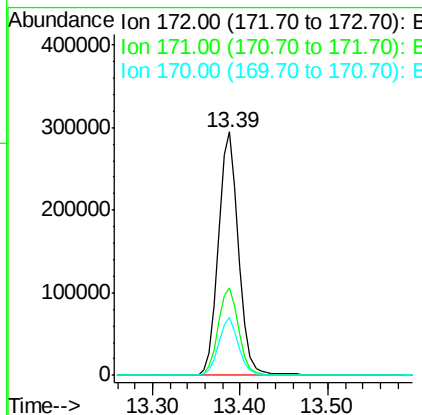
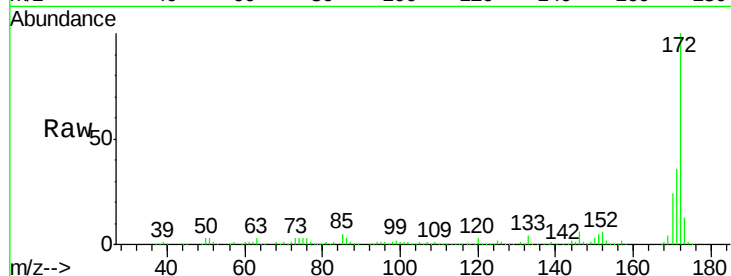




#44
 2-Fluorobiphenyl
 Concen: 61.88 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030922.D
 Acq: 11 Nov 2017 00:52

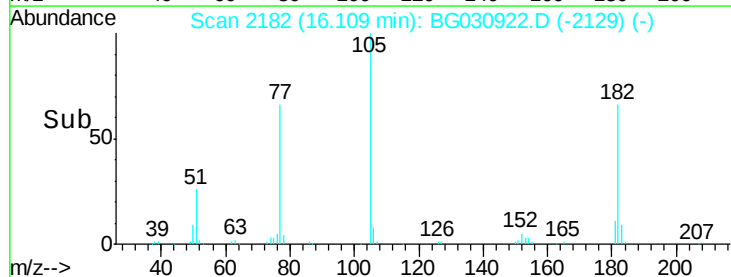
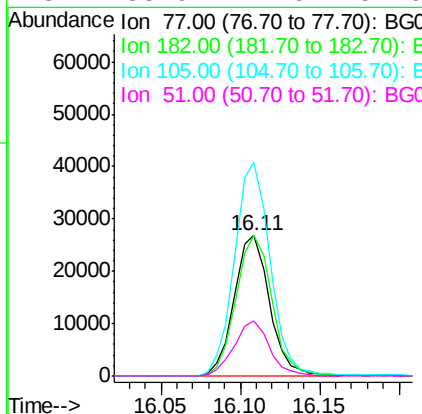
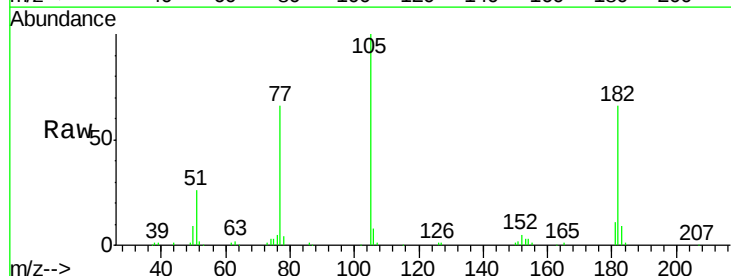
Instrument :
 BNA_G
 ClientSampleId :

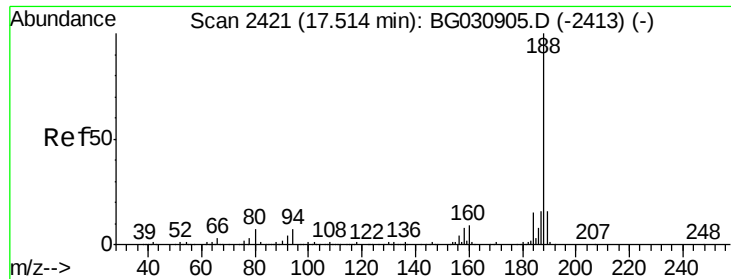
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	23.8	19.5	29.3



#62
 Azobenzene
 Concen: 5.68 ng
 RT: 16.11 min Scan# 2182
 Delta R.T. 0.01 min
 Lab File: BG030922.D
 Acq: 11 Nov 2017 00:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	100.6	7.4	47.4#
105	152.1	0.3	40.3#
51	38.9	11.6	51.6

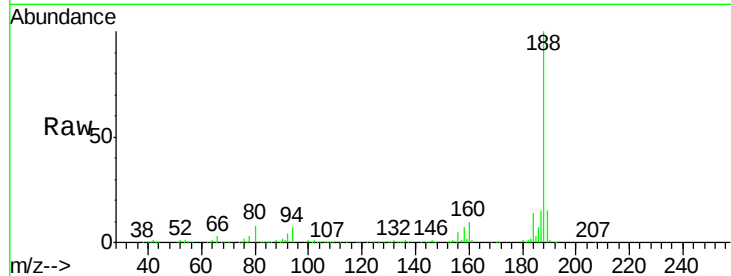




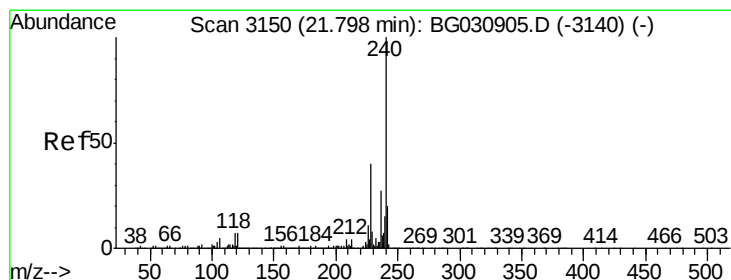
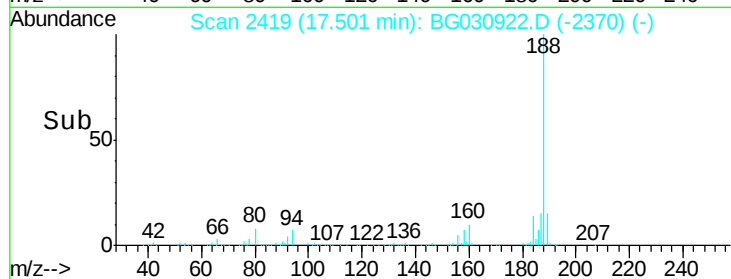
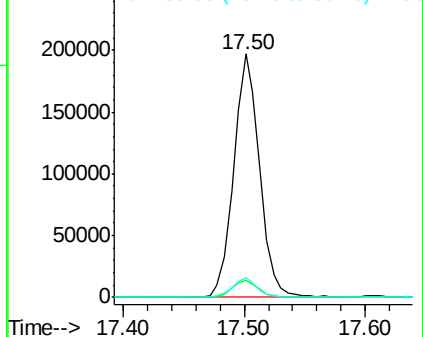
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030922.D
Acq: 11 Nov 2017 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 292686
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.9 7.7 11.5

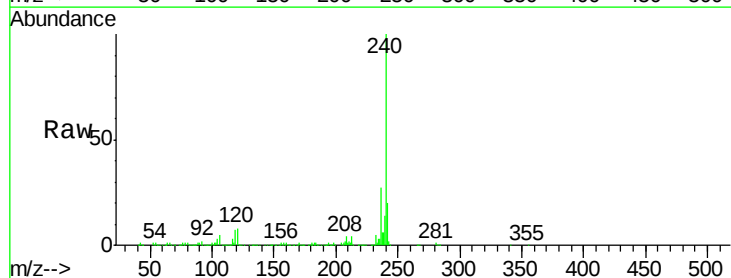


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

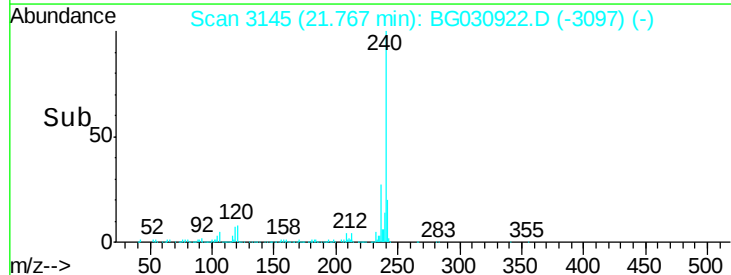
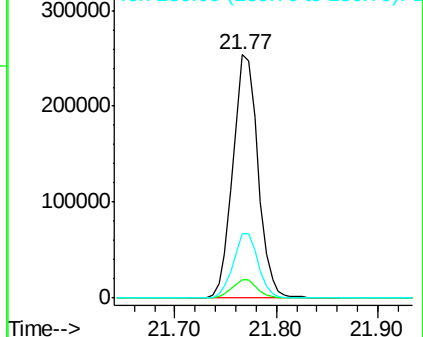


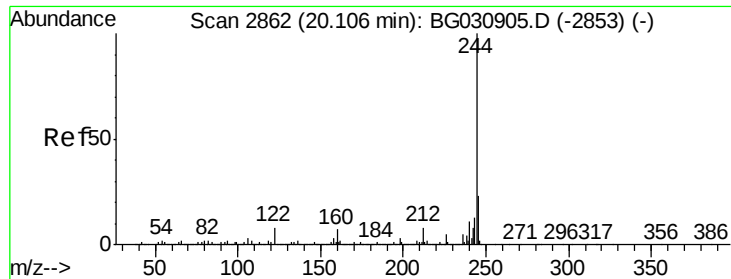
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030922.D
Acq: 11 Nov 2017 00:52

Tgt Ion:240 Resp: 438679
Ion Ratio Lower Upper
240 100
120 7.6 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: 57.20 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

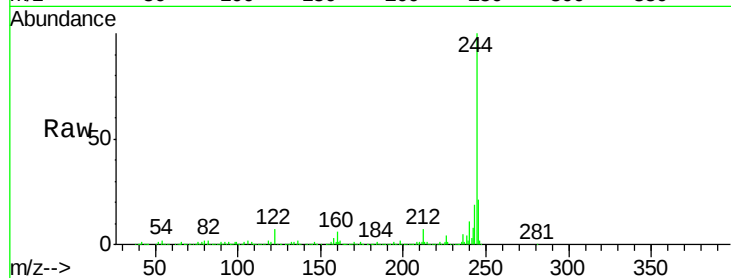
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1136452

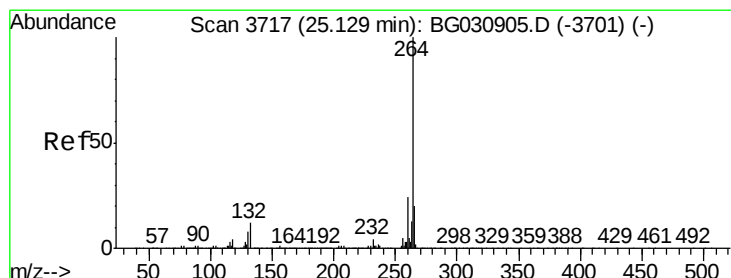
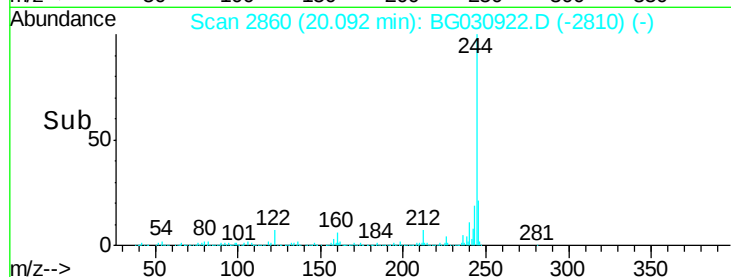
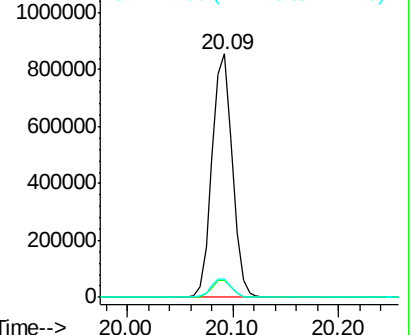
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	7.3	7.0	10.4



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

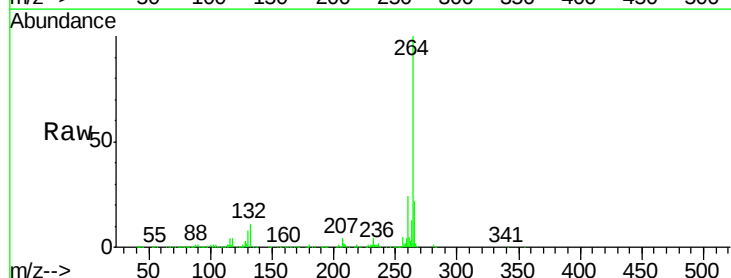
Delta R.T. -0.02 min

Lab File: BG030922.D

Acq: 11 Nov 2017 00:52

Tgt Ion:264 Resp: 457761

Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

