

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030934.D
 Acq On : 11 Nov 2017 9:00
 Operator : SJ/JU
 Sample : I6289-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:18:45 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

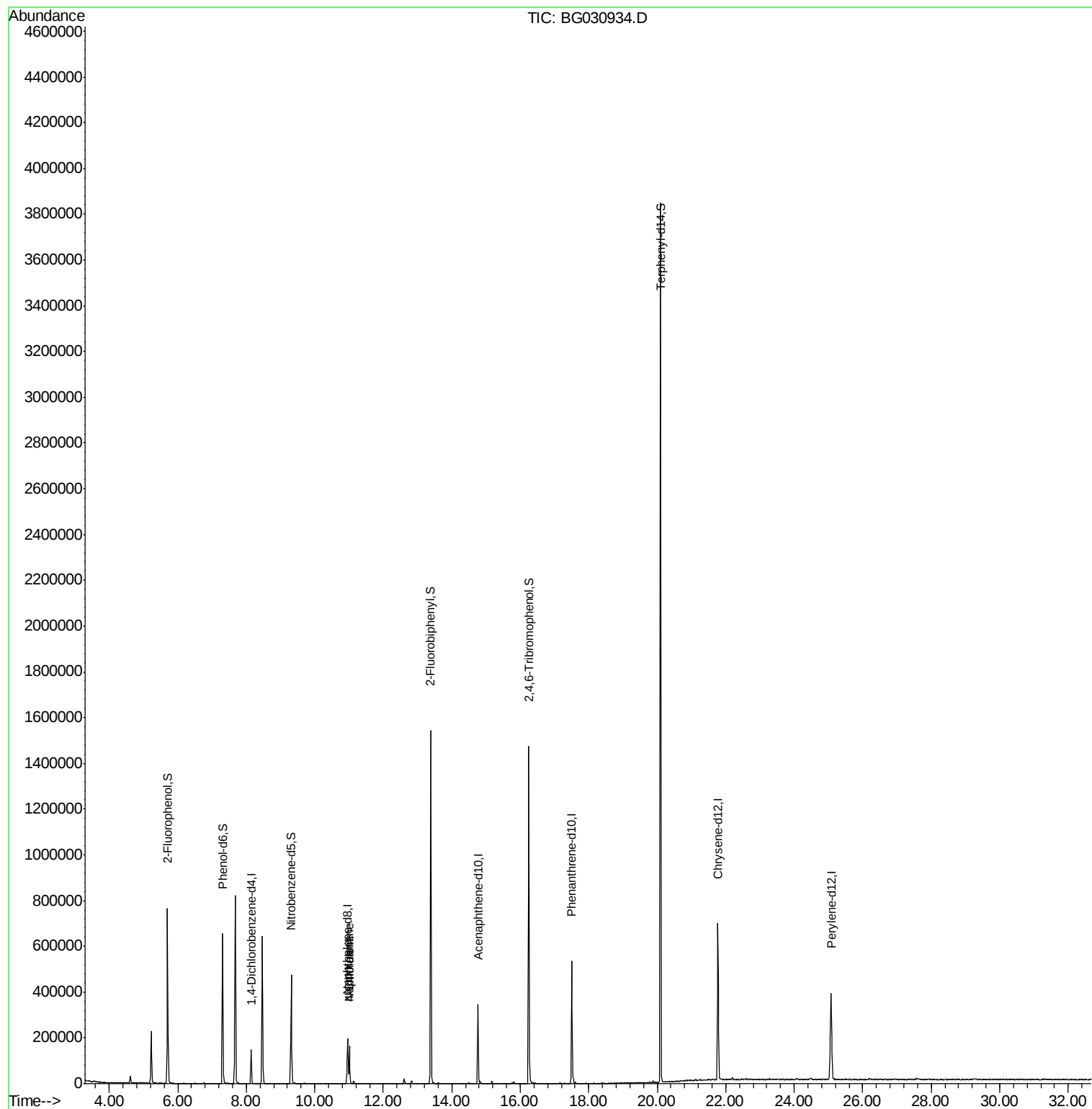
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43049	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	185556	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	125202	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	356037	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	456369	20.00	ng	-0.01
86) Perylene-d12	25.08	264	440760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	351549	140.03	ng	0.00
7) Phenol-d6	7.31	99	404697	119.66	ng	0.00
23) Nitrobenzene-d5	9.31	82	303081	96.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	341049	168.39	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	868942	99.72	ng	-0.01
78) Terphenyl-d14	20.10	244	1854281	89.72	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	146310	16.040	ng	99
33) 4-Chloroaniline	11.01	127	20903	5.235	ng	# 37

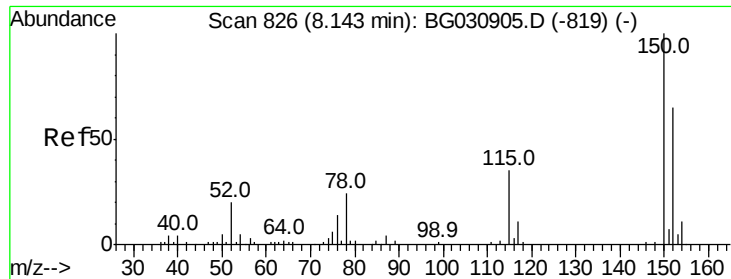
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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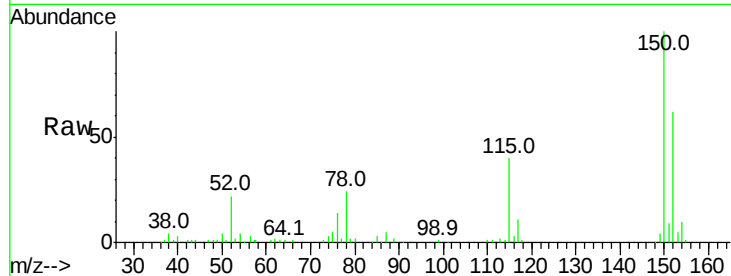


#1

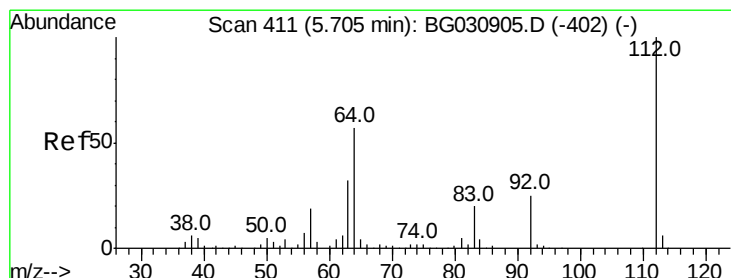
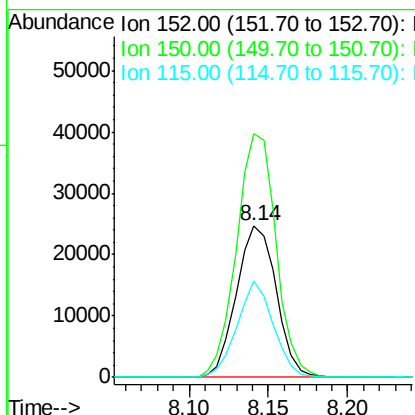
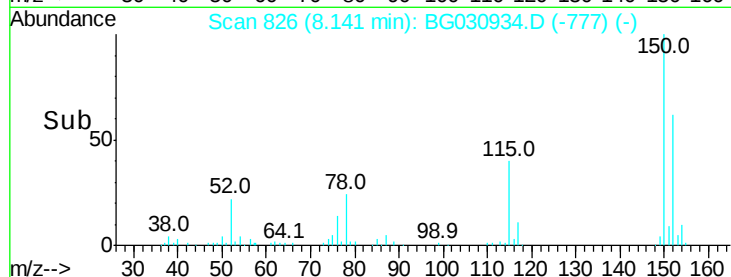
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030934.D
Acq: 11 Nov 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43049
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 63.6 53.0 79.4



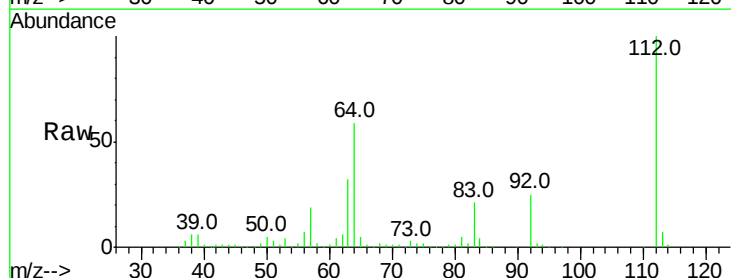
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



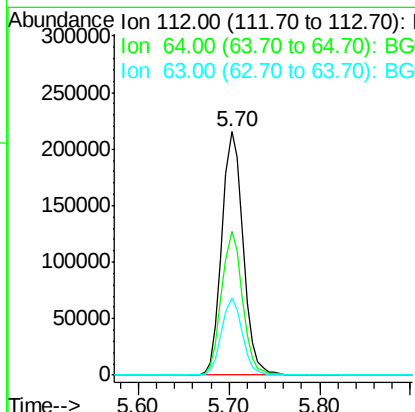
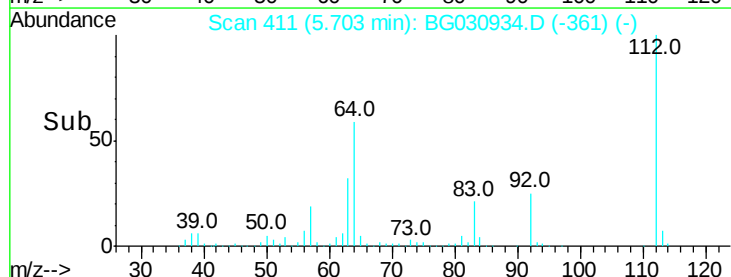
#5

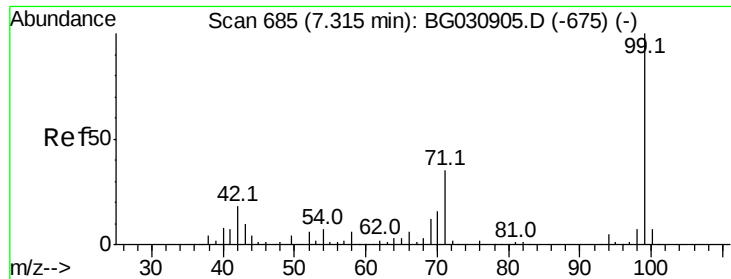
2-Fluorophenol
Concen: 140.032 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030934.D
Acq: 11 Nov 2017 9:00

Tgt Ion:112 Resp: 351549
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 31.9 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: 119.655 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampled :

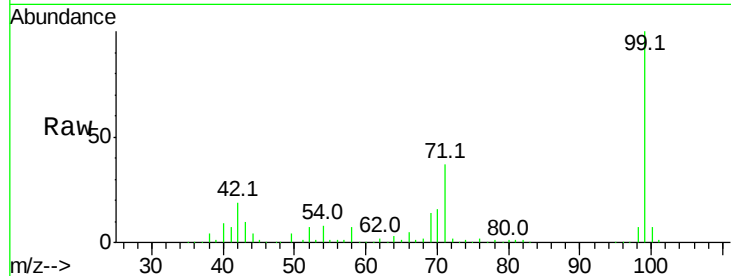
Tot Ion: 99 Resp: 404697

Ion Ratio Lower Upper

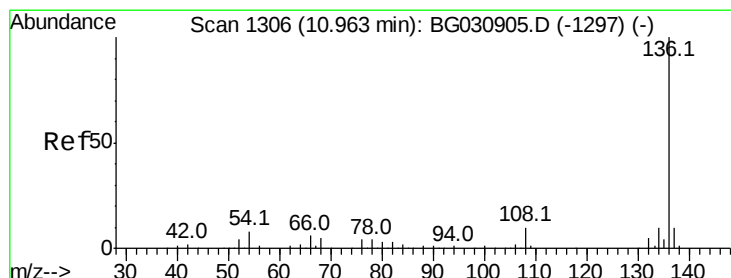
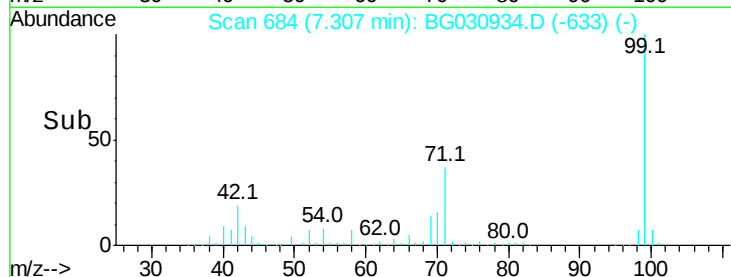
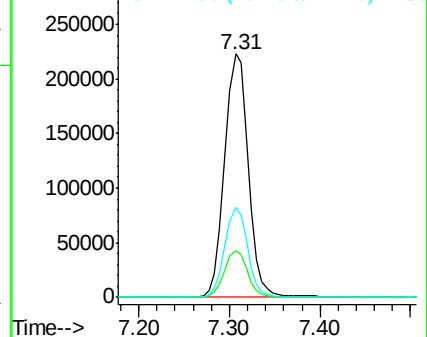
99 100

42 19.1 14.1 21.1

71 36.9 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: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

Tgt Ion: 136 Resp: 185556

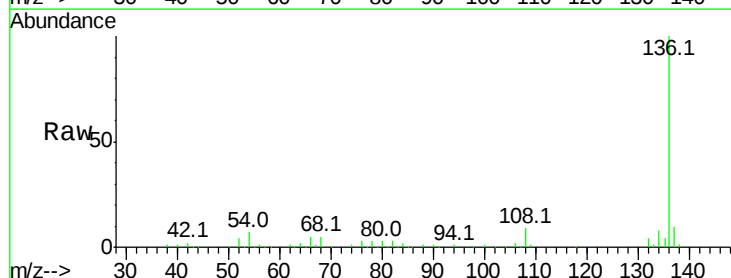
Ion Ratio Lower Upper

136 100

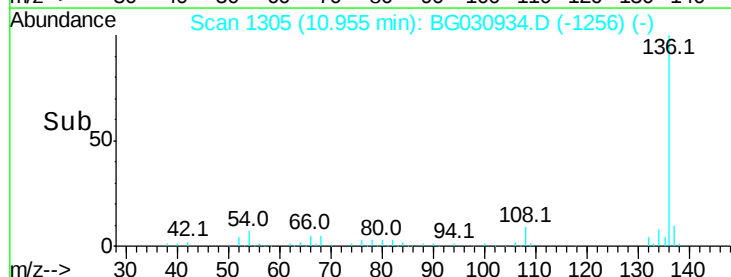
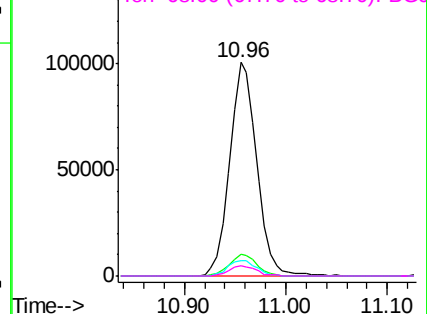
137 10.4 9.2 13.8

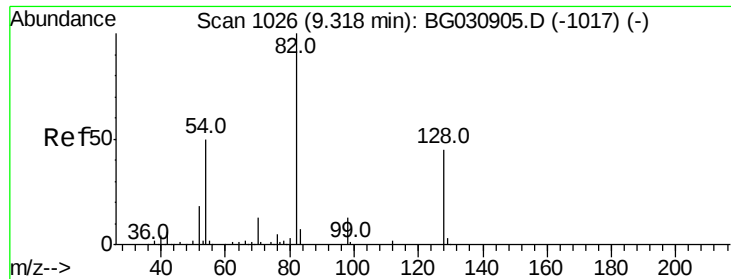
54 7.4 10.3 15.5#

68 4.8 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

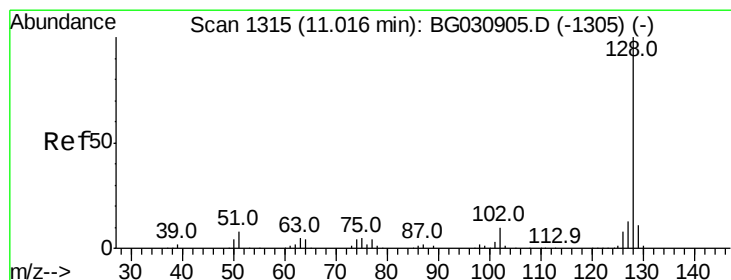
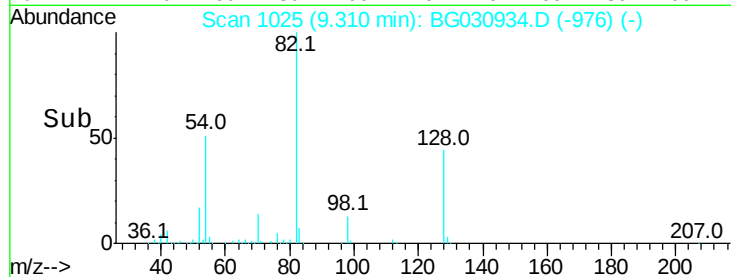
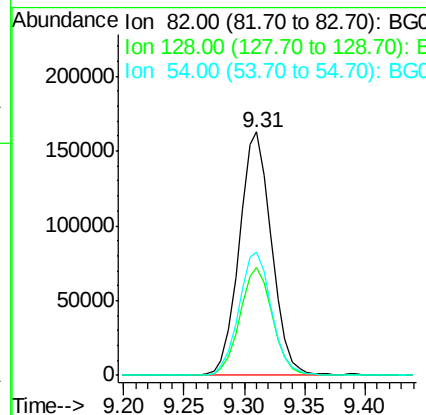
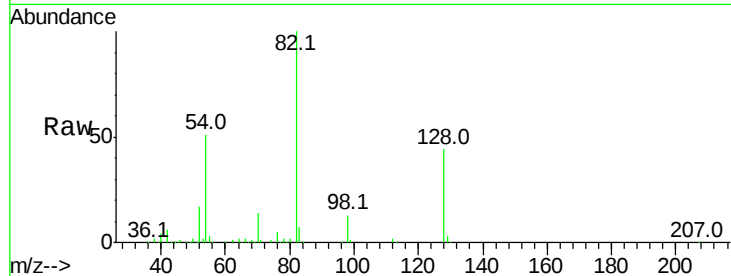




#23
 Nitrobenzene-d5
 Concen: 96.787 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

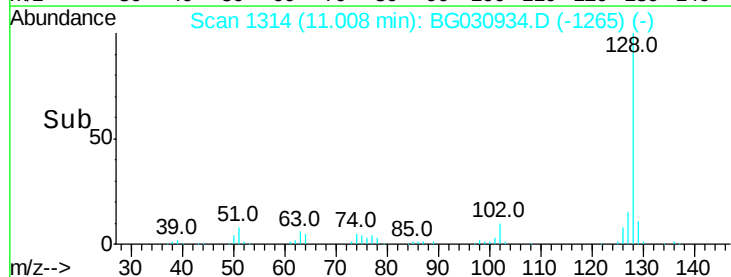
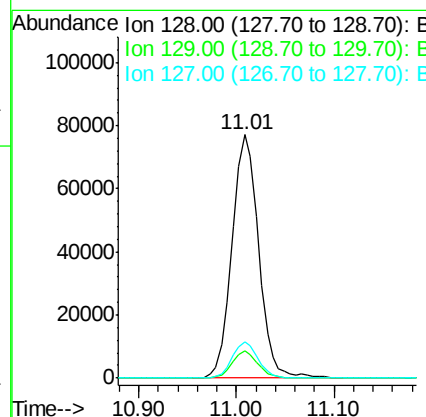
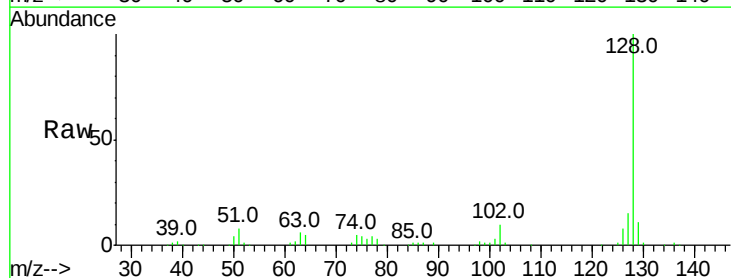
Instrument :
 BNA_G
 ClientSampleId :

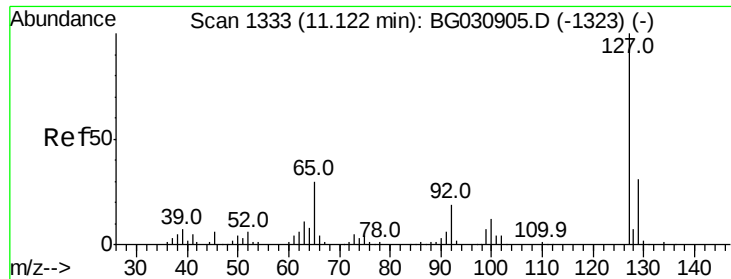
Tot Ion: 82 Resp: 303081
 Ion Ratio Lower Upper
 82 100
 128 44.2 29.7 44.5
 54 50.9 43.1 64.7



#31
 Naphthalene
 Concen: 16.040 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

Tgt Ion: 128 Resp: 146310
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 12.8
 127 15.0 11.6 17.4

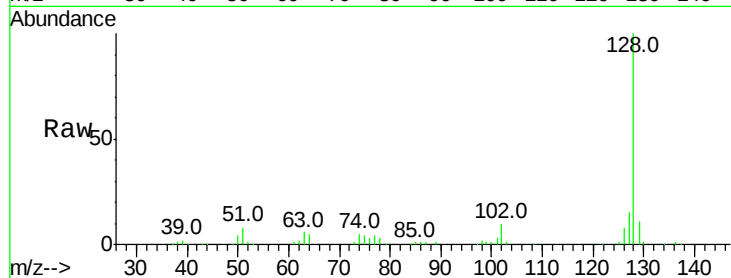




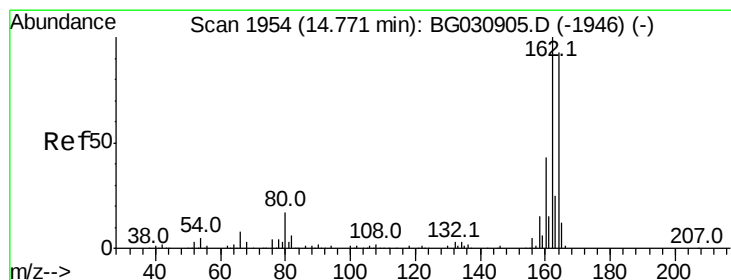
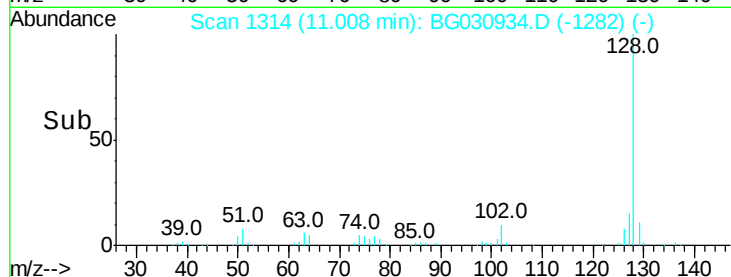
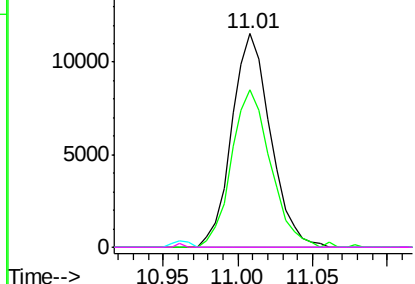
#33
4-Chloroaniline
Concen: 5.235 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BG030934.D
Acq: 11 Nov 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	20903
Ion	Ratio	Lower	Upper
127	100		
129	73.9	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

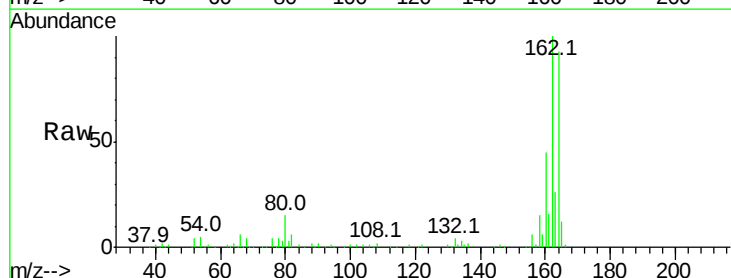


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

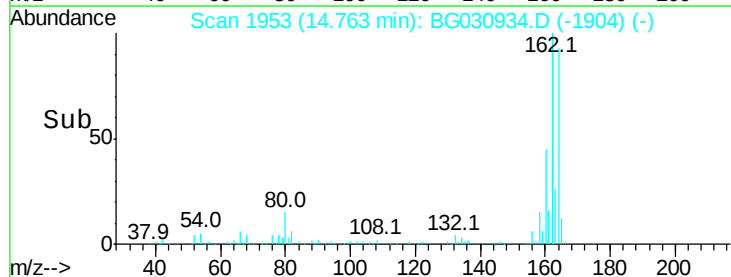
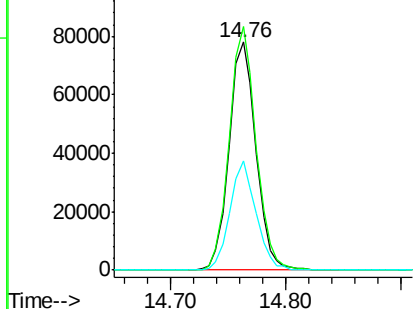


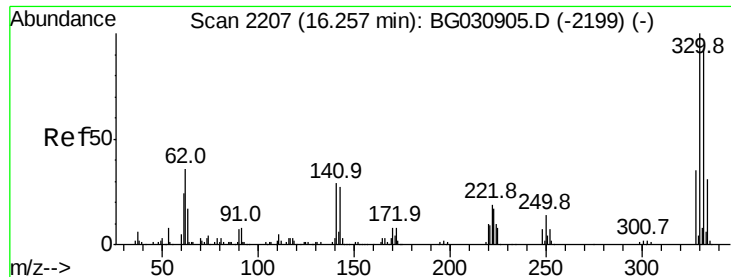
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030934.D
Acq: 11 Nov 2017 9:00

Tgt Ion:	164	Resp:	125202
Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	47.8	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

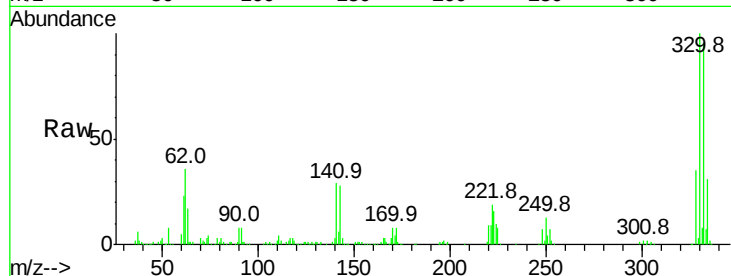




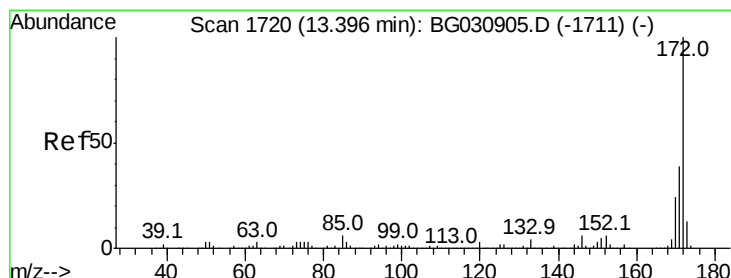
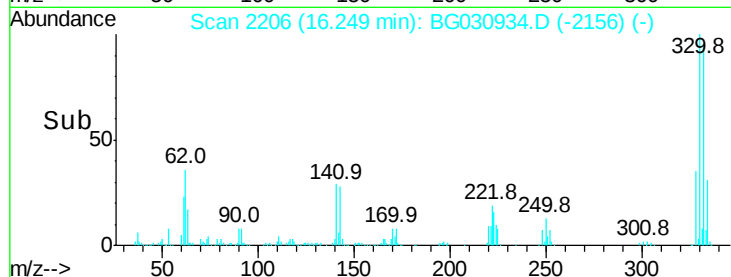
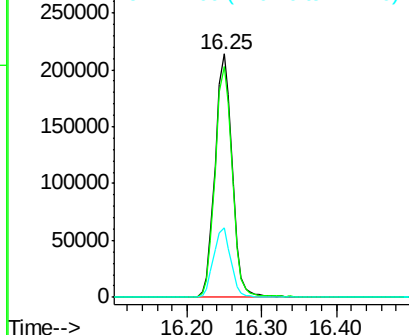
#41
 2,4,6-Tribromophenol
 Concen: 168.389 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 341049
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 28.7 25.2 37.8

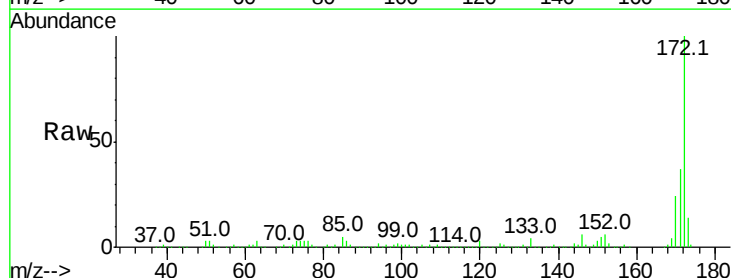


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

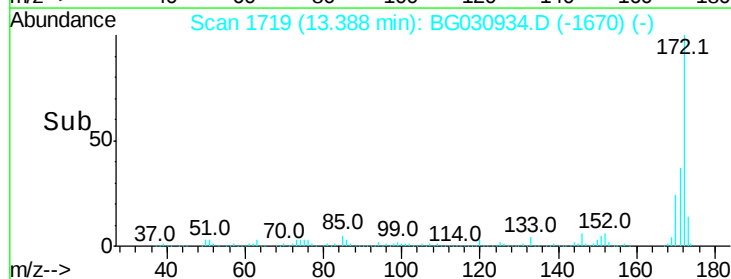
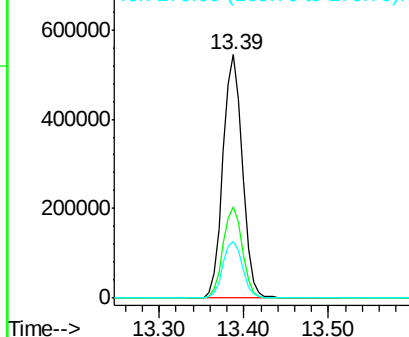


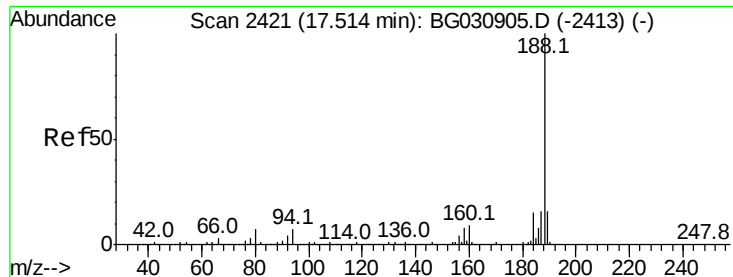
#44
 2-Fluorobiphenyl
 Concen: 99.725 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030934.D
 Acq: 11 Nov 2017 9:00

Tgt Ion:172 Resp: 868942
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.5 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

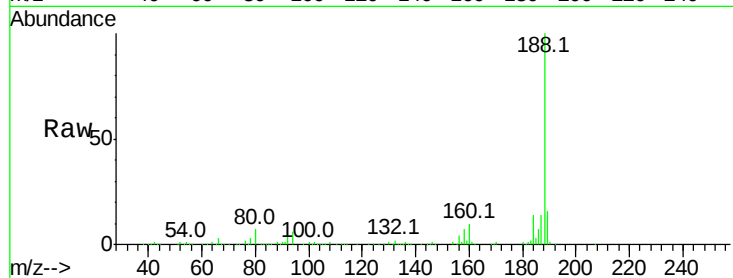




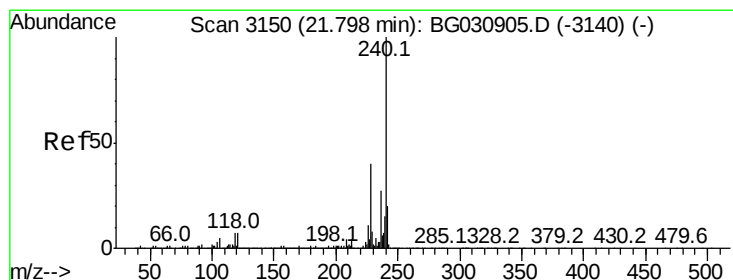
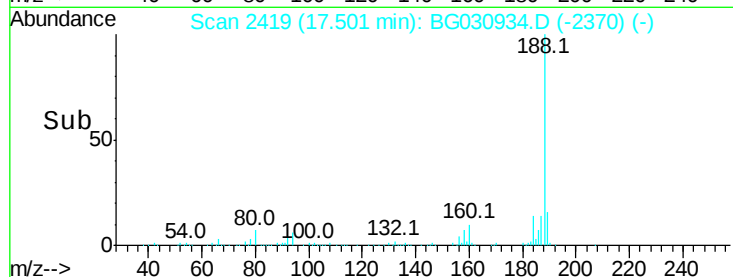
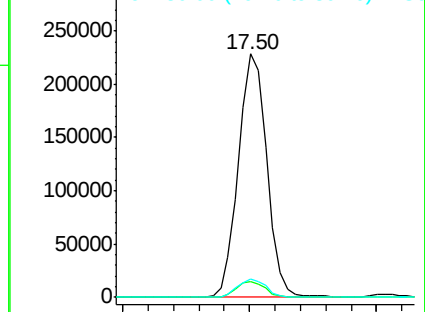
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030934.D
Acq: 11 Nov 2017 9:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 356037
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.4 7.7 11.5#

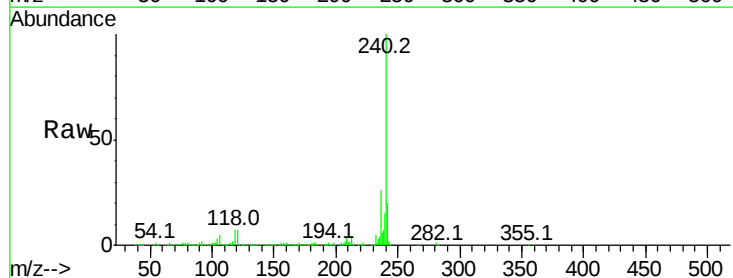


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

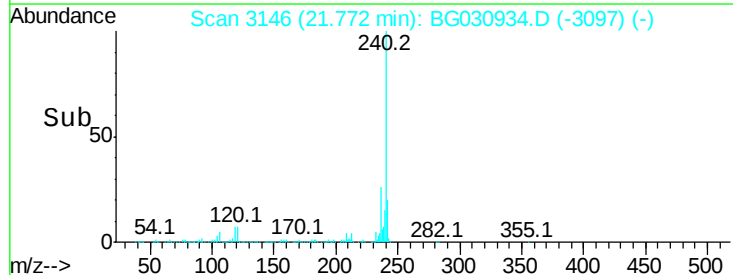
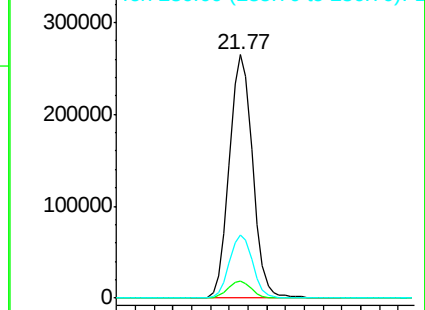


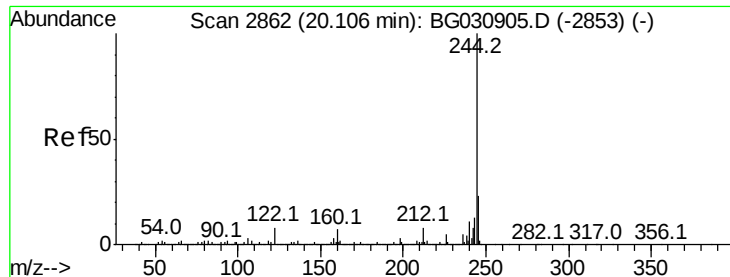
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030934.D
Acq: 11 Nov 2017 9:00

Tgt Ion:240 Resp: 456369
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 26.2 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: 89.717 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

Instrument :

BNA_G

ClientSampleId :

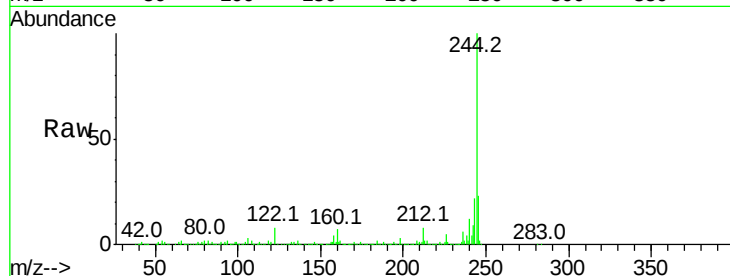
Tot Ion:244 Resp: 1854281

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

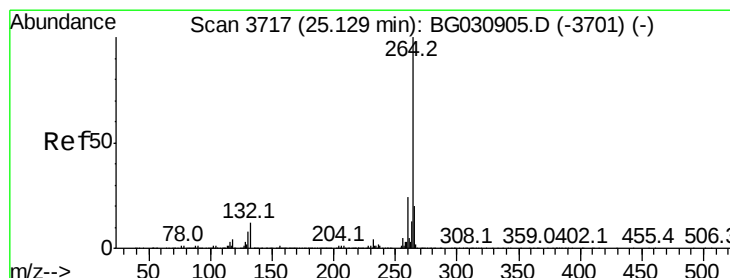
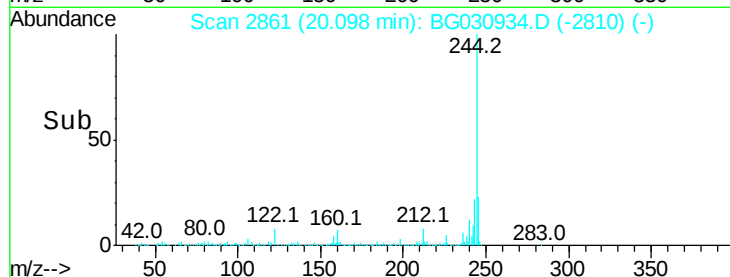
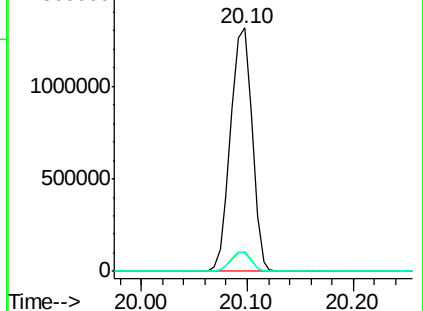
122 7.7 7.0 10.4



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: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030934.D

Acq: 11 Nov 2017 9:00

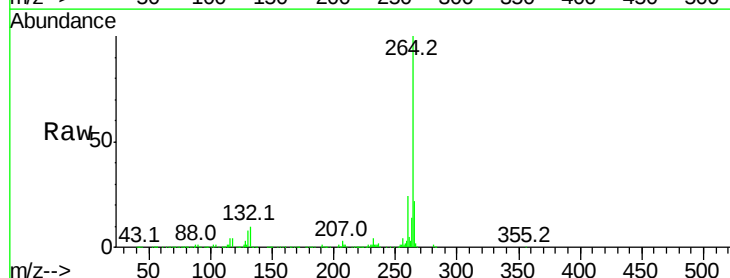
Tgt Ion:264 Resp: 440760

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.1 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

