

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024614.D
 Acq On : 2 Nov 2016 5:43
 Operator : UM/SJ
 Sample : H5489-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-72-9.5-10.0

Quant Time: Nov 02 06:20:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

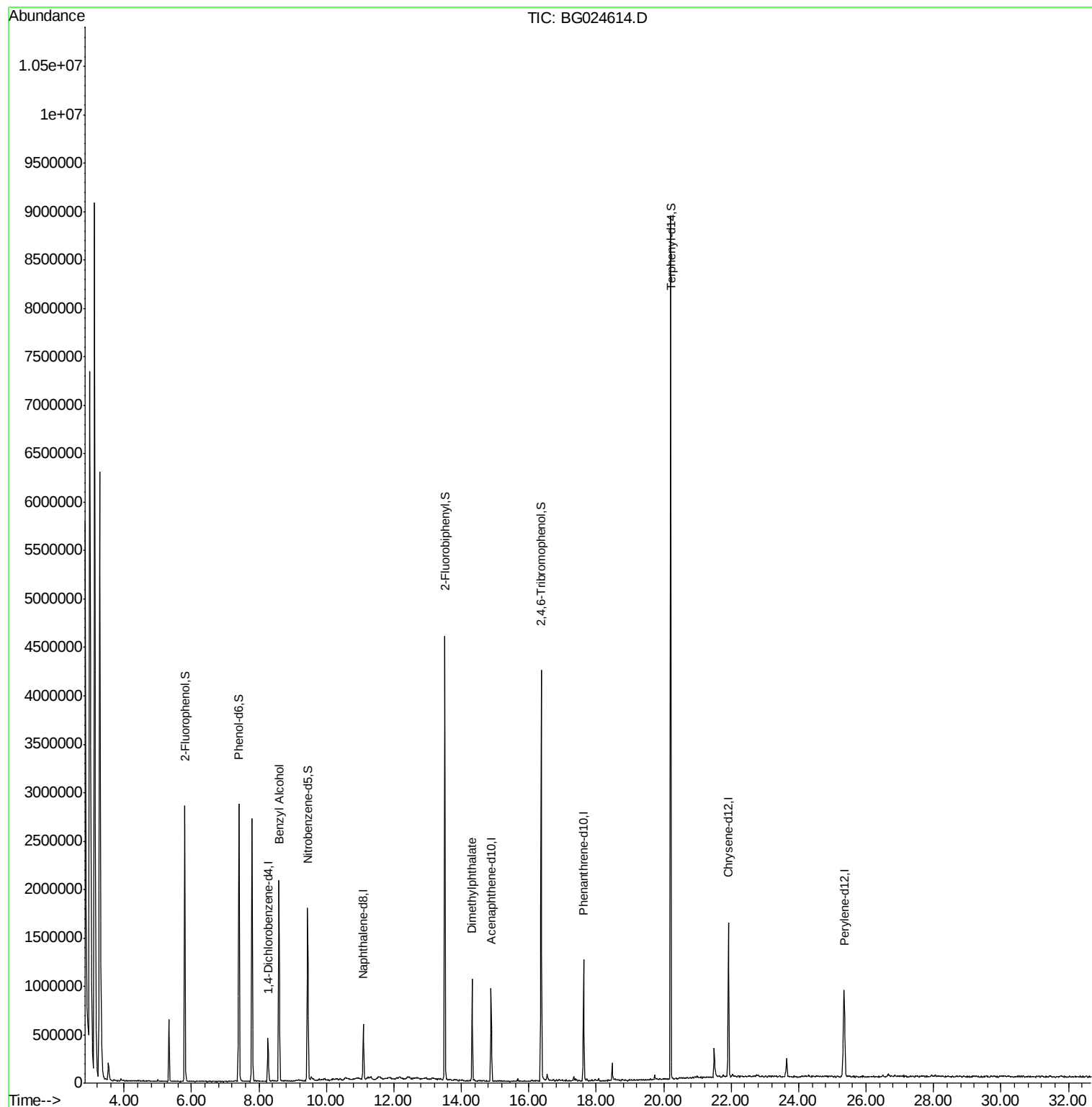
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	117817	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	472016	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	359162	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	785185	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1097283	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1124908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1122918	156.21	ng	0.00
7) Phenol-d6	7.40	99	1593240	161.58	ng	0.00
23) Nitrobenzene-d5	9.44	82	1096810	105.80	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	871247	162.37	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2256967	104.45	ng	0.00
78) Terphenyl-d14	20.21	244	3524438	95.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.58	79	20677	2.25	ng	Qvalue # 71
49) Dimethylphthalate	14.32	163	636306	24.96	ng	97

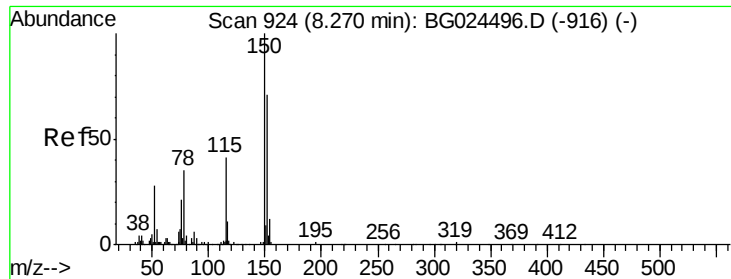
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

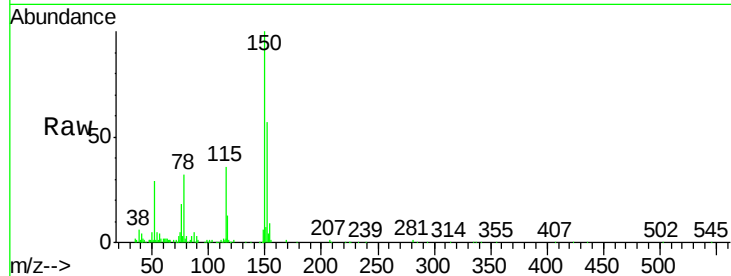
Tgt Ion:152 Resp: 117817

Ion Ratio Lower Upper

152 100

150 175.1 114.0 171.0#

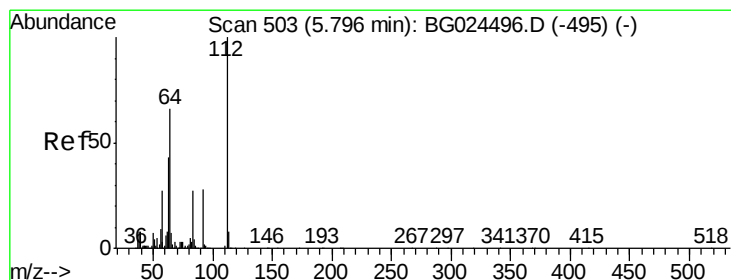
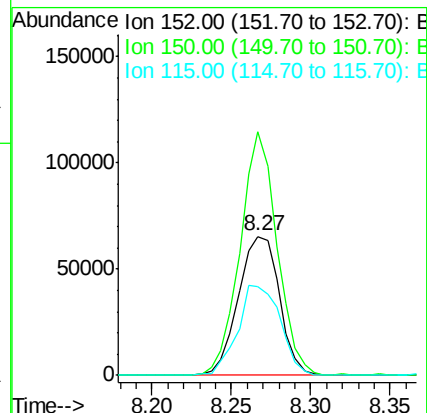
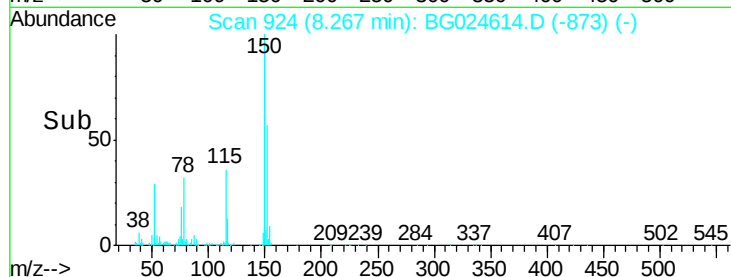
115 63.5 48.1 72.1



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: 156.21 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

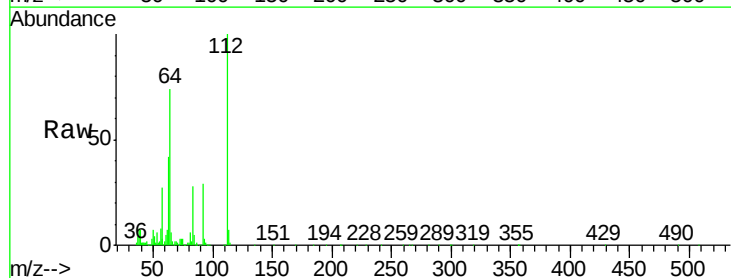
Tgt Ion:112 Resp: 1122918

Ion Ratio Lower Upper

112 100

64 74.1 61.8 92.6

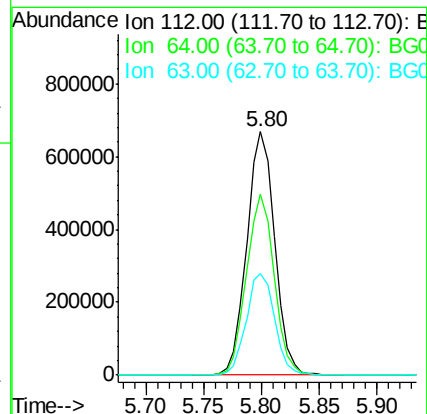
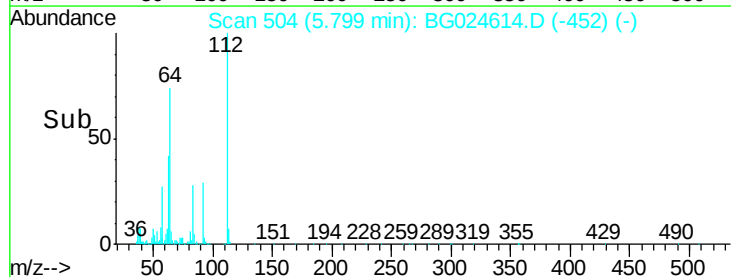
63 41.8 37.2 55.8

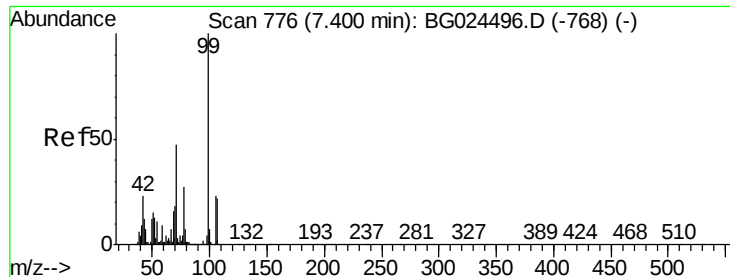


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 161.58 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

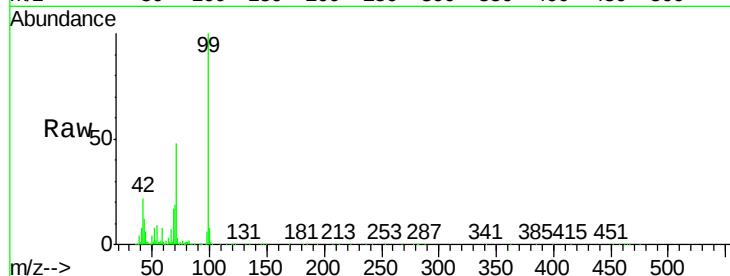
Tgt Ion: 99 Resp: 1593240

Ion Ratio Lower Upper

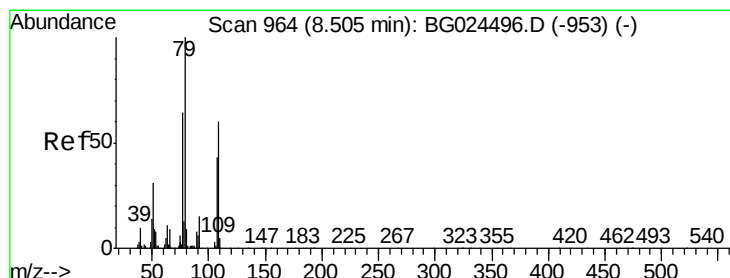
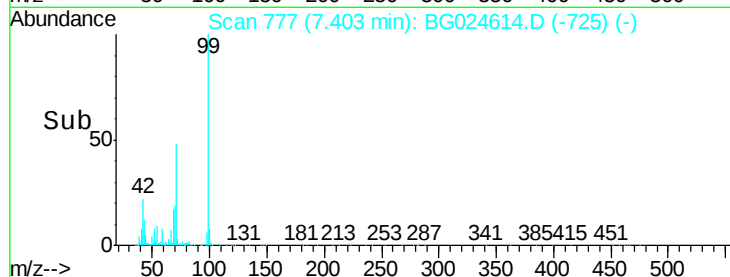
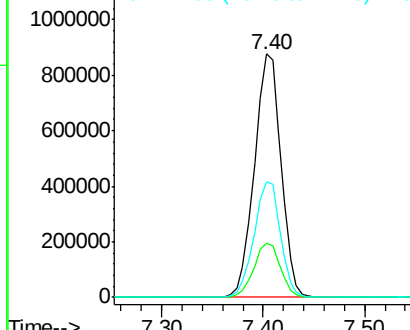
99 100

42 22.3 20.5 30.7

71 47.6 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.58 min Scan# 978

Delta R.T. 0.08 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

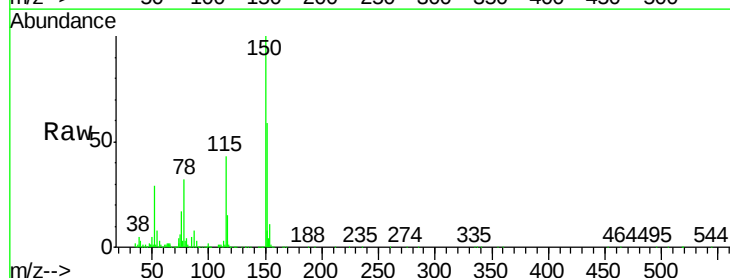
Tgt Ion: 79 Resp: 20677

Ion Ratio Lower Upper

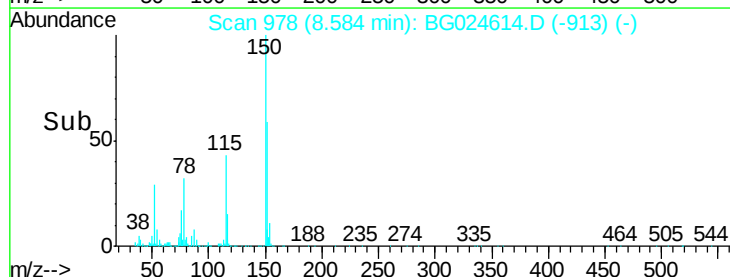
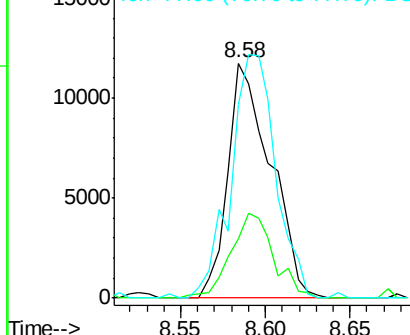
79 100

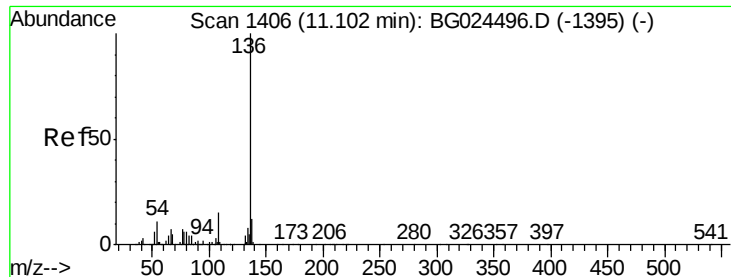
108 25.4 45.5 68.3#

77 82.3 54.3 81.5#



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

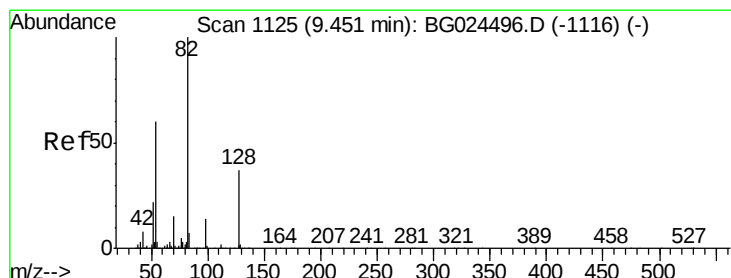
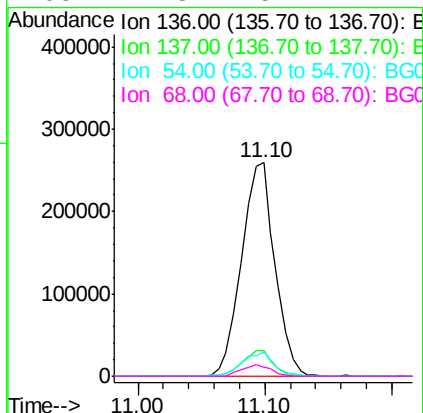
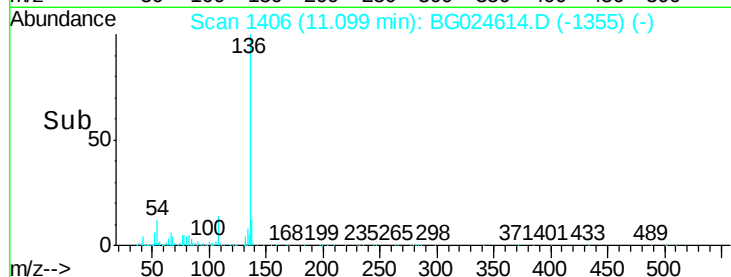
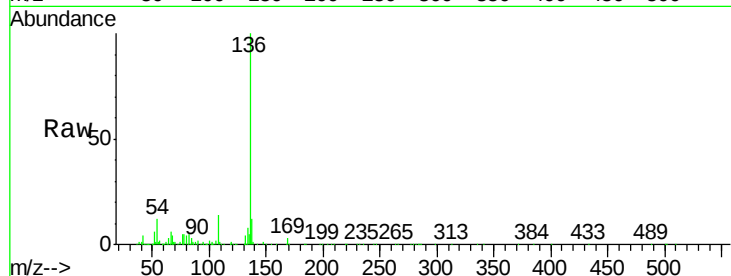




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

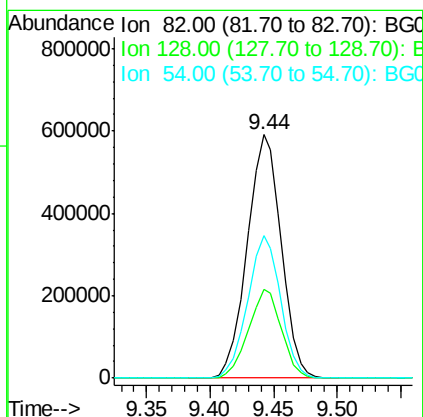
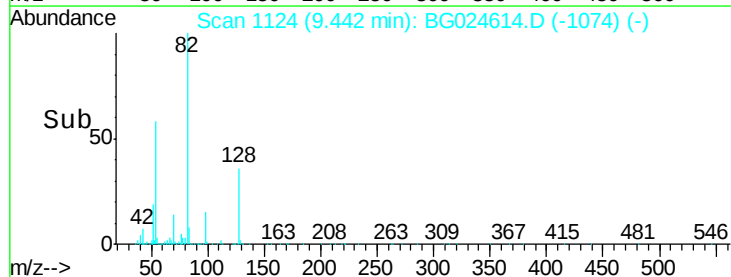
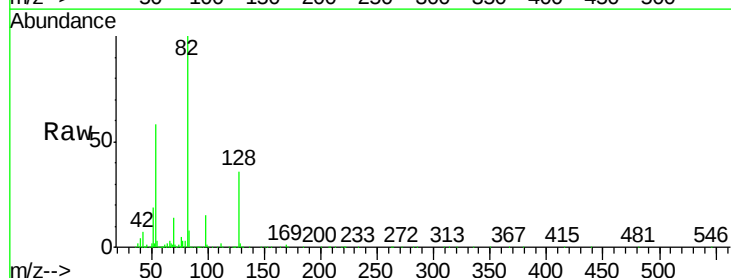
Instrument :
BNA_G
ClientSampleId :
SB-72-9.5-10.0

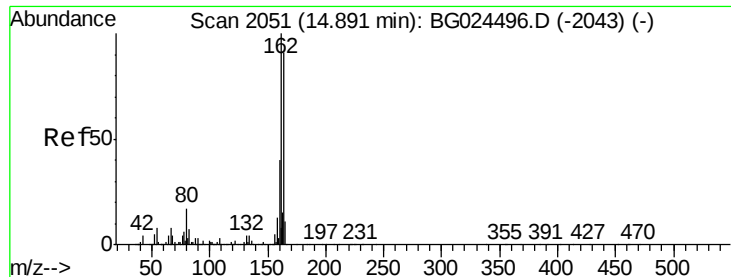
Tgt Ion:	136	Resp:	472016
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	11.6	9.3	13.9
68	4.3	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 105.80 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

Tgt Ion:	82	Resp:	1096810
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	58.5	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

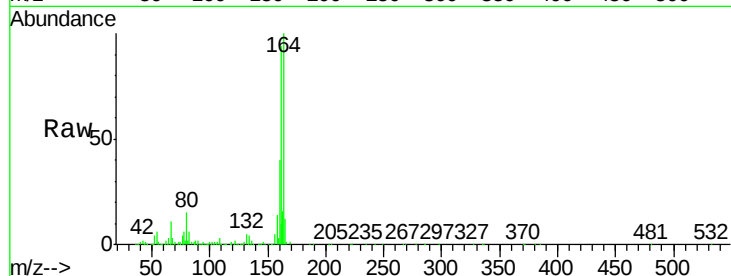
Tgt Ion:164 Resp: 359162

Ion Ratio Lower Upper

164 100

162 94.2 85.1 127.7

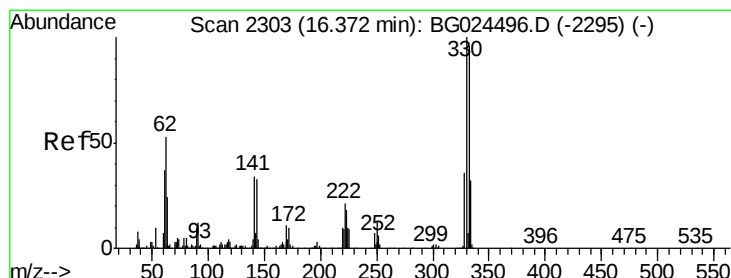
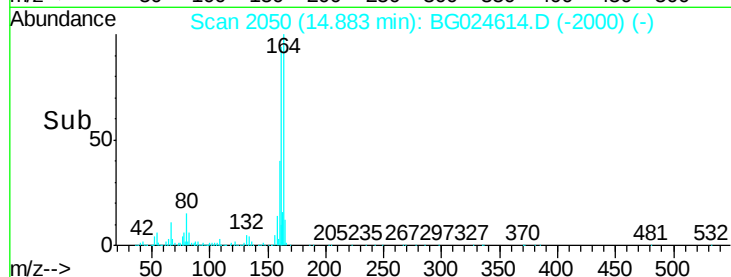
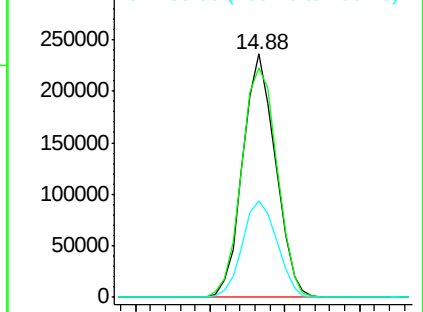
160 39.8 34.7 52.1



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: 162.37 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

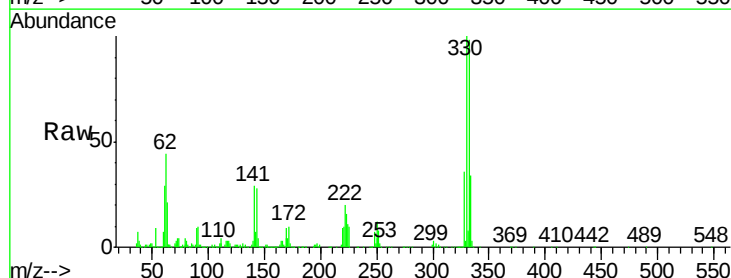
Tgt Ion:330 Resp: 871247

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

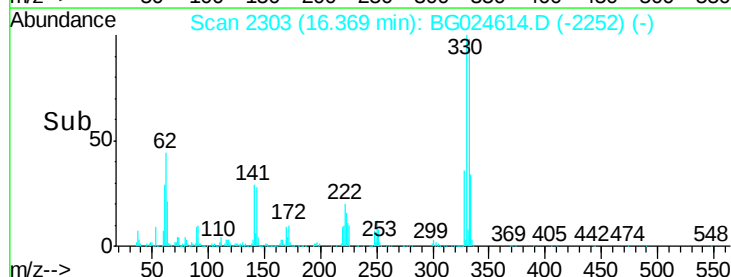
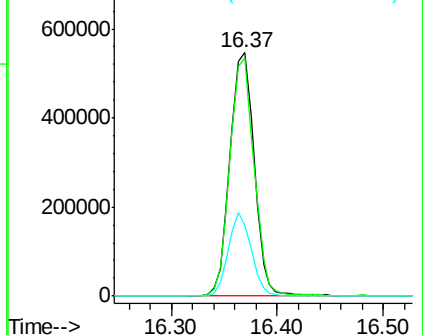
141 32.4 32.1 48.1

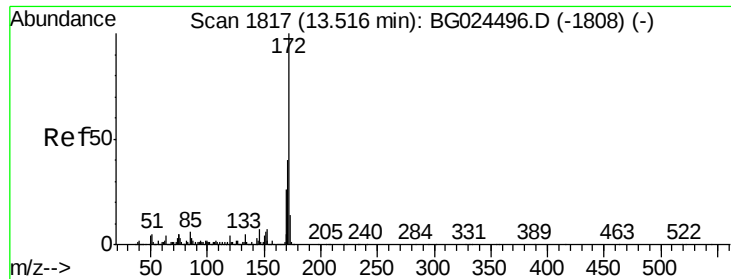


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

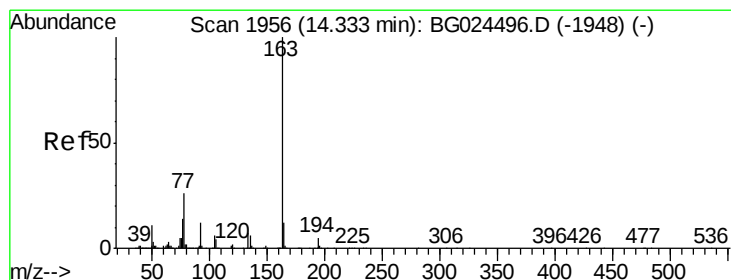
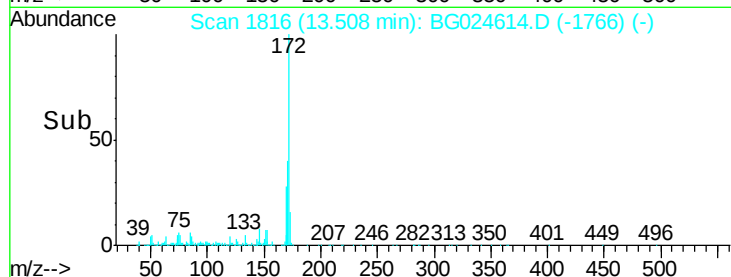
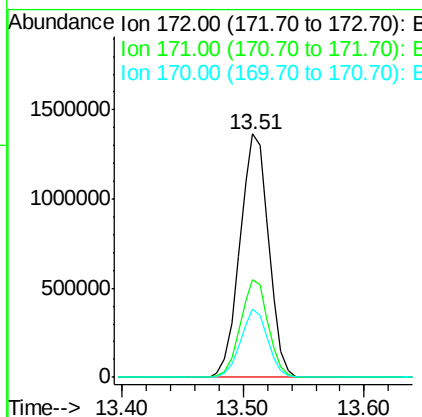
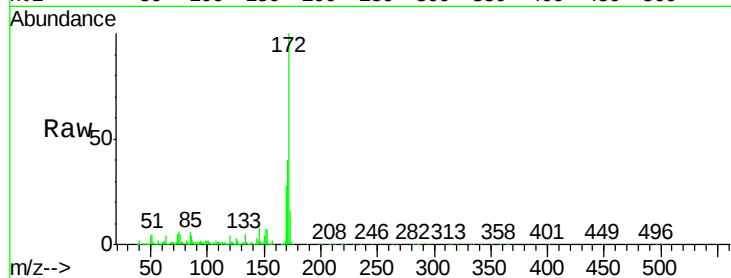




#44
2-Fluorobiphenyl
Concen: 104.45 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

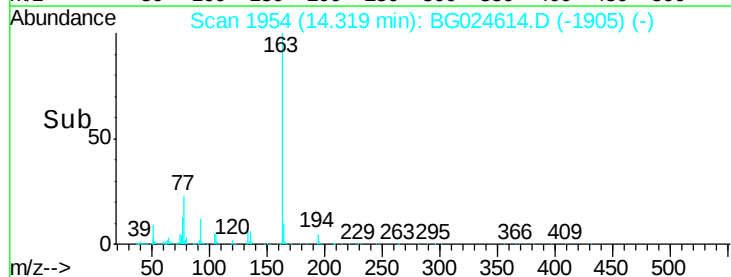
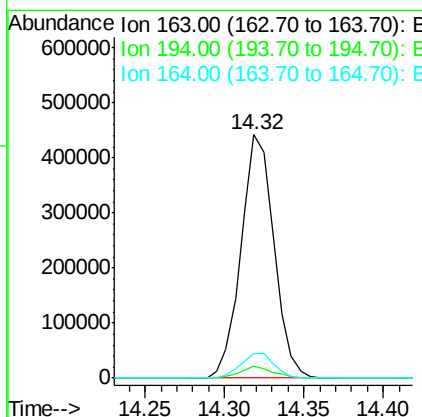
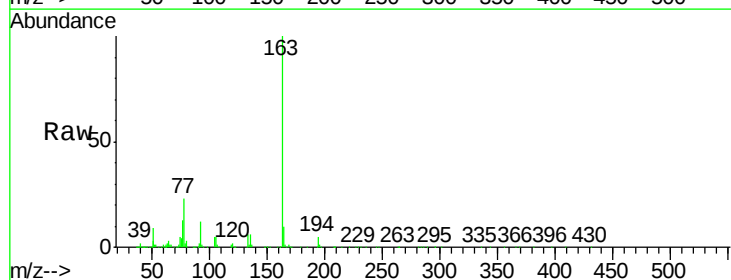
Instrument :
BNA_G
ClientSampleId :
SB-72-9.5-10.0

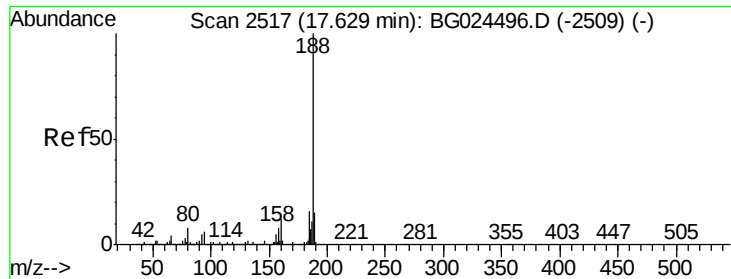
Tgt Ion:172 Resp: 2256967
Ion Ratio Lower Upper
172 100
171 40.2 32.2 48.2
170 27.9 21.8 32.6



#49
Dimethylphthalate
Concen: 24.96 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

Tgt Ion:163 Resp: 636306
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 10.1 9.3 13.9

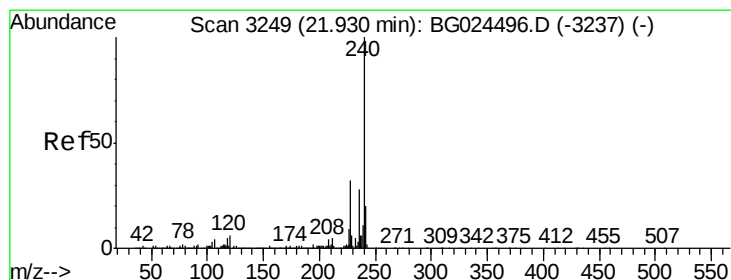
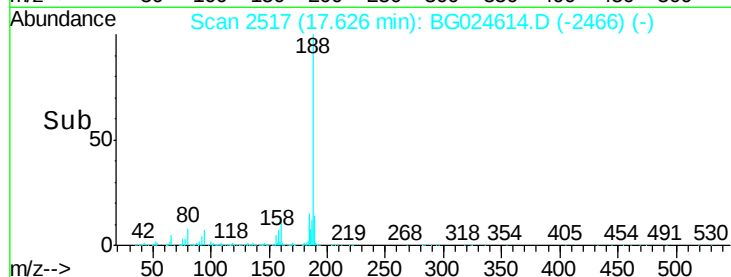
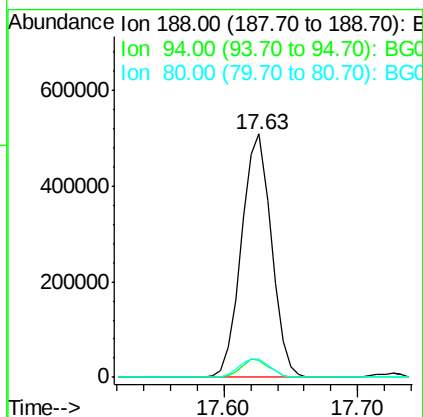
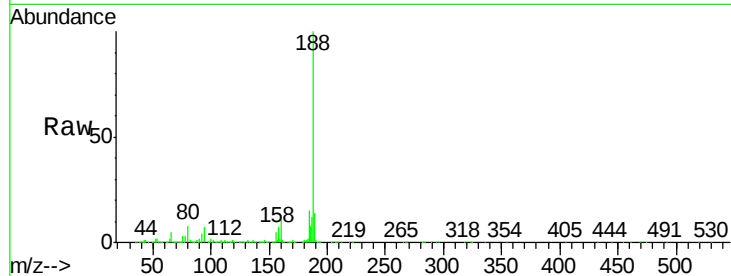




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

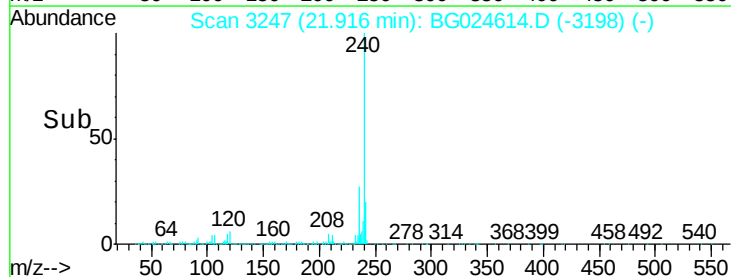
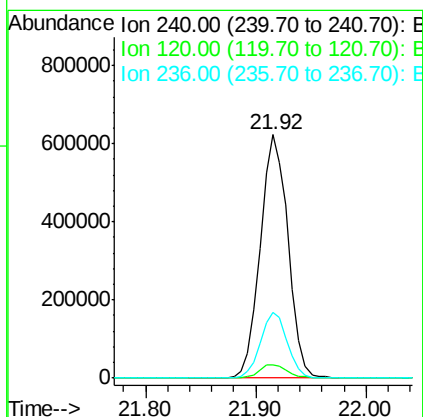
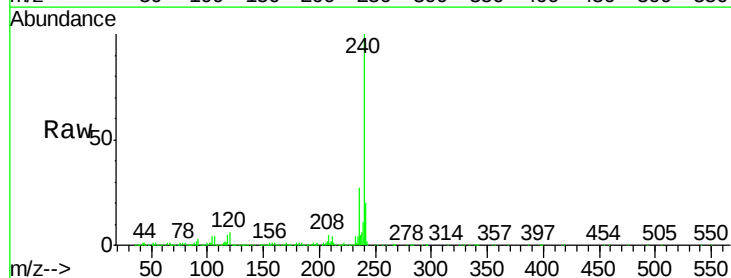
Instrument :
BNA_G
ClientSampleId :
SB-72-9.5-10.0

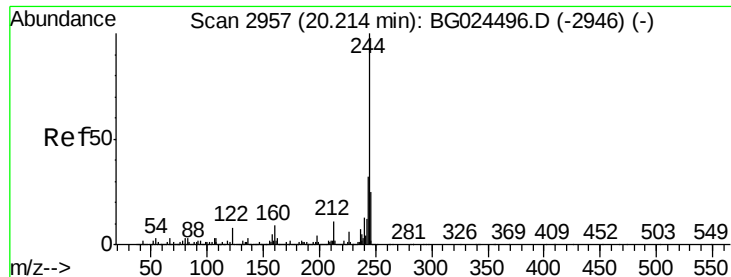
Tgt Ion:188 Resp: 785185
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 7.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024614.D
Acq: 2 Nov 2016 5:43

Tgt Ion:240 Resp: 1097283
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 95.98 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

Instrument :

BNA_G

ClientSampleId :

SB-72-9.5-10.0

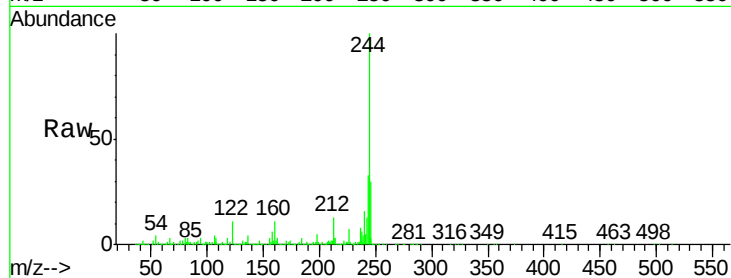
Tgt Ion:244 Resp: 3524438

Ion Ratio Lower Upper

244 100

212 12.6 10.0 15.0

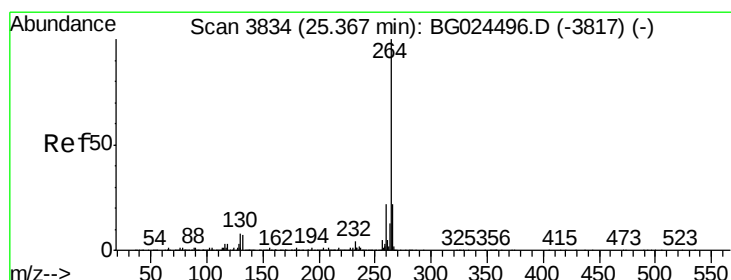
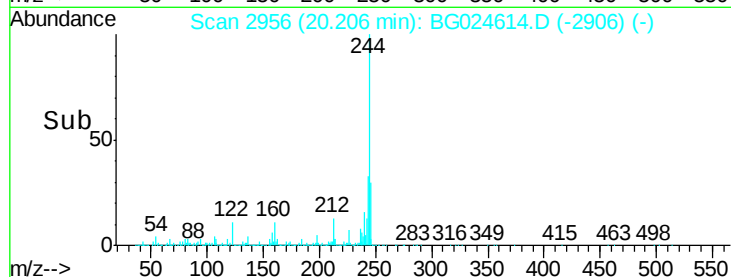
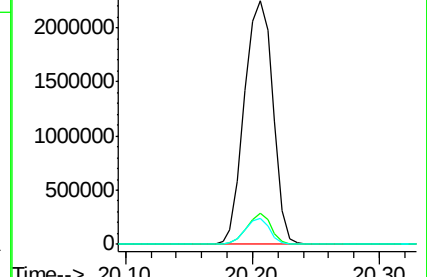
122 10.9 8.6 12.8



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024614.D

Acq: 2 Nov 2016 5:43

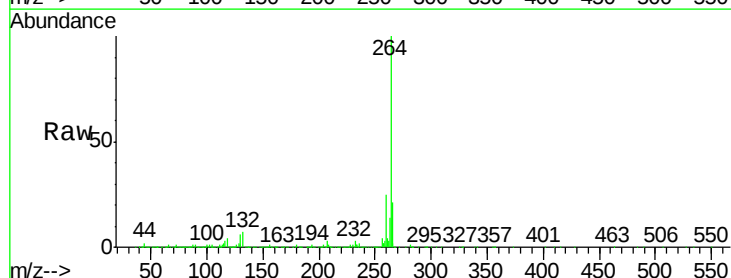
Tgt Ion:264 Resp: 1124908

Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.8

265 21.1 18.2 27.4



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

