

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022310.D
 Acq On : 11 Jun 2016 6:36
 Operator : UM/SJ
 Sample : H3448-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3-VE-PILE-WALL(0-2)

Quant Time: Jun 12 02:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

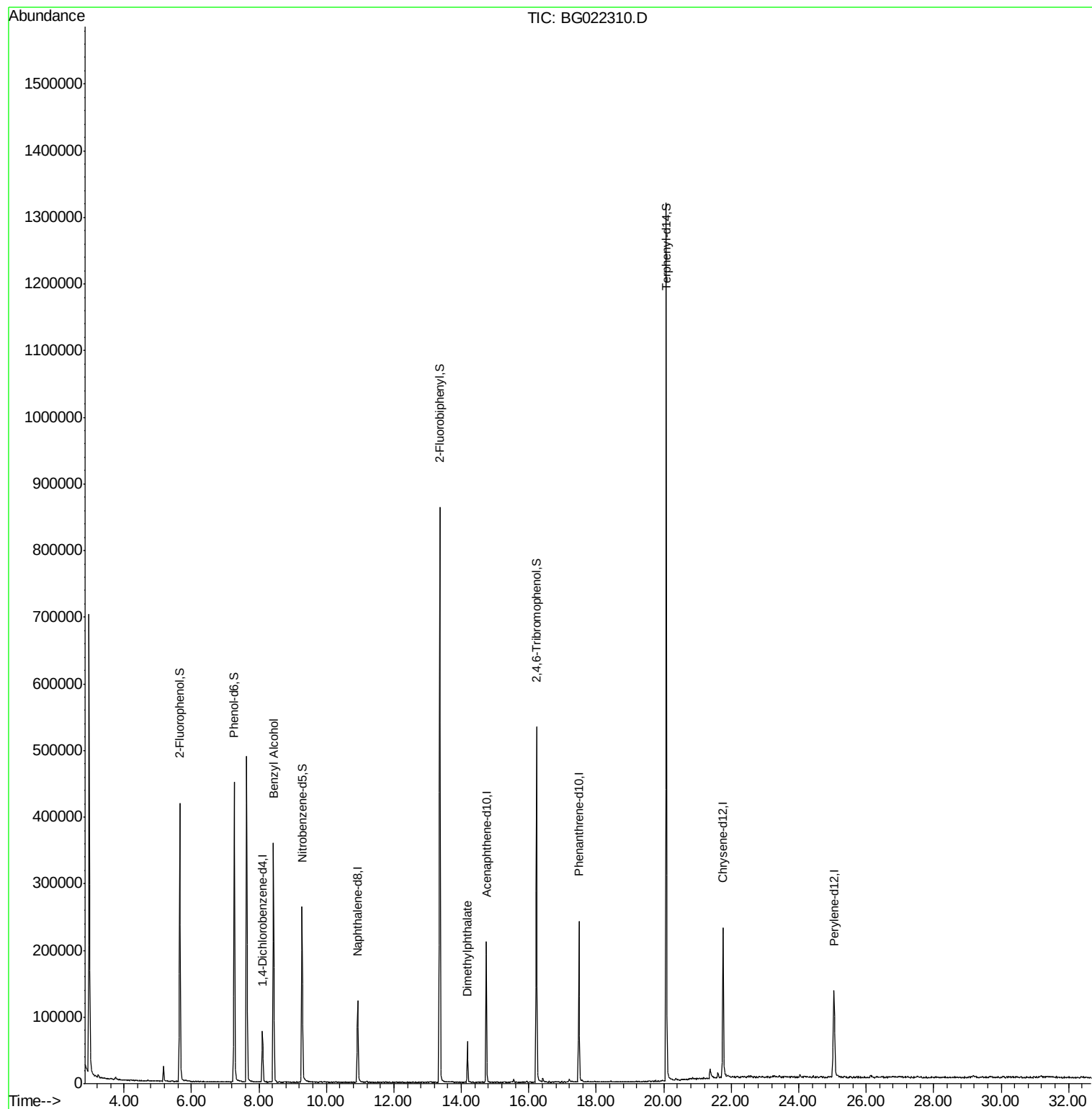
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	28508	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	137440	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	79621	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	163553	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	151119	20.00	ng	-0.02
86) Perylene-d12	25.05	264	143359	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	268210	181.90	ng	-0.01
7) Phenol-d6	7.26	99	391697	168.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	211422	107.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.22	330	111906	124.38	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	504180	96.50	ng	-0.01
78) Terphenyl-d14	20.07	244	608230	95.55	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.43	79	3044	2.03	ng	Qvalue # 47
49) Dimethylphthalate	14.18	163	52756	7.99	ng	98

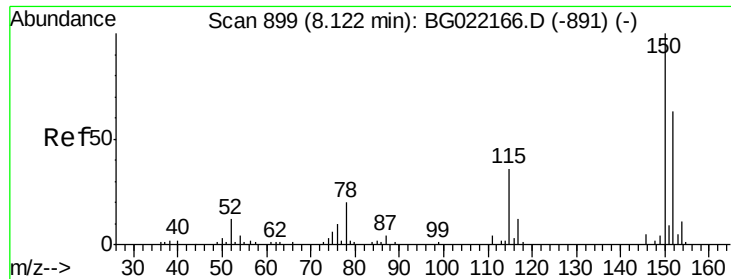
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

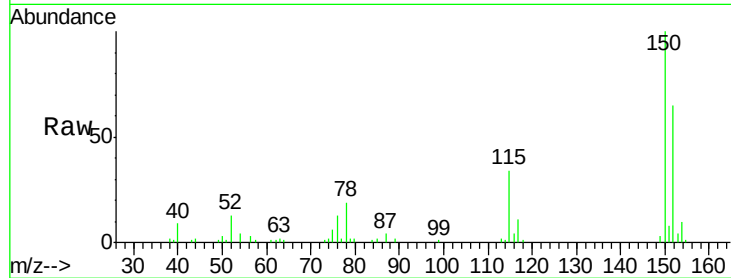
Tgt Ion:152 Resp: 28508

Ion Ratio Lower Upper

152 100

150 153.8 130.1 195.1

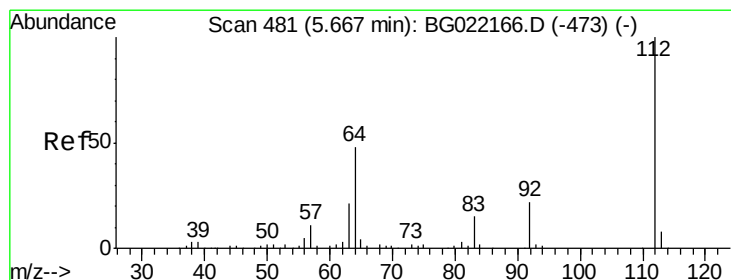
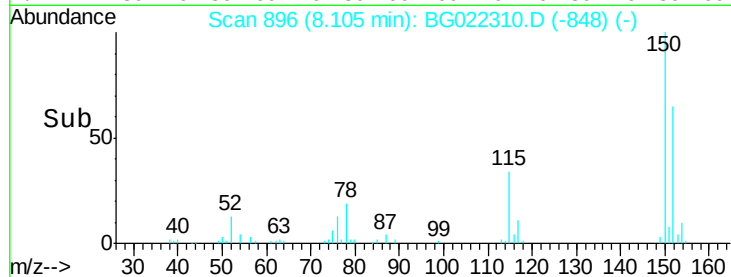
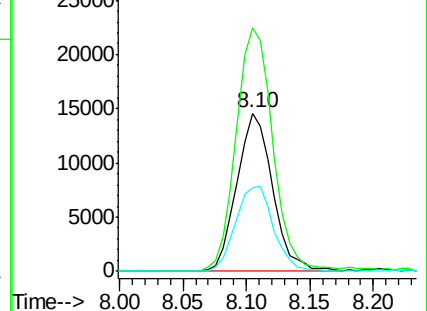
115 53.0 62.2 93.2#



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: 181.90 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

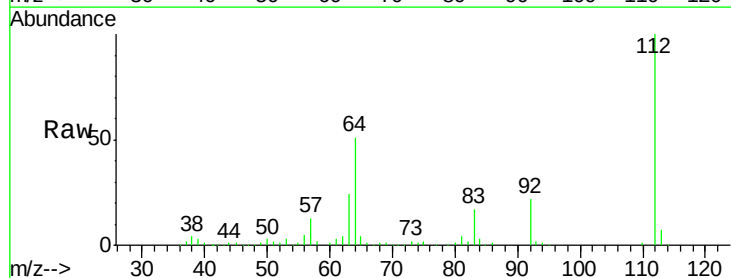
Tgt Ion:112 Resp: 268210

Ion Ratio Lower Upper

112 100

64 51.4 51.1 76.7

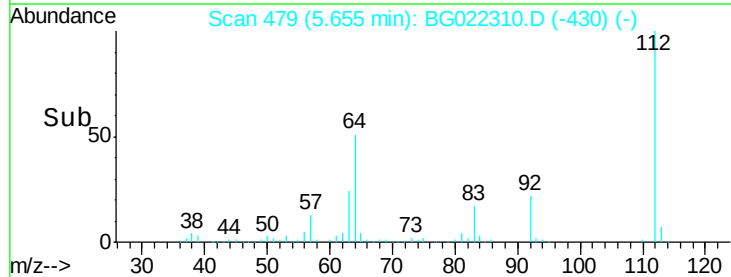
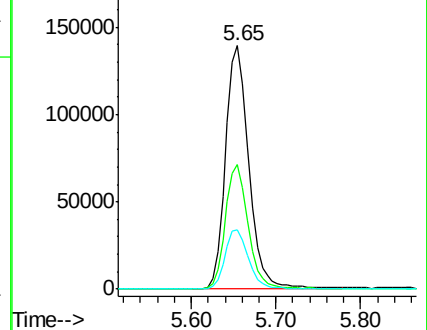
63 24.2 24.6 37.0#

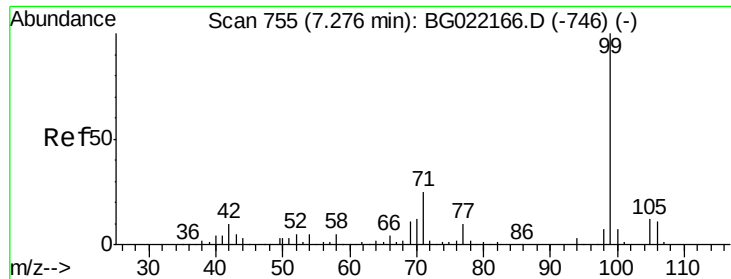


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 168.96 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

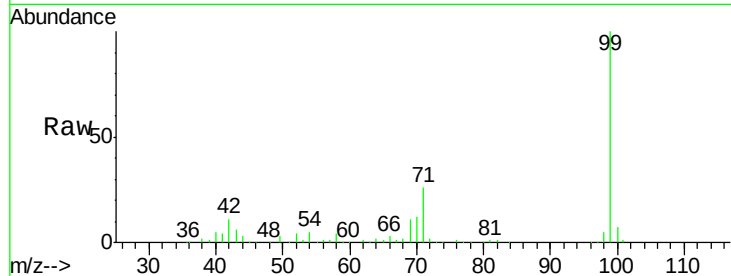
Tgt Ion: 99 Resp: 391697

Ion Ratio Lower Upper

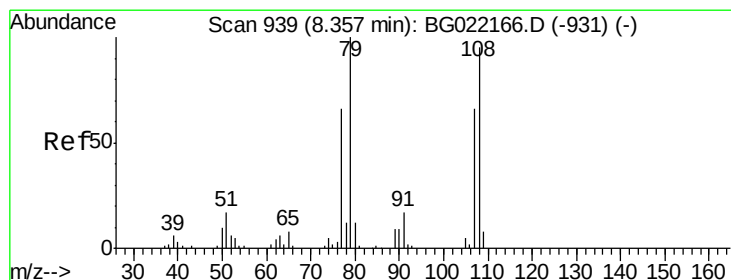
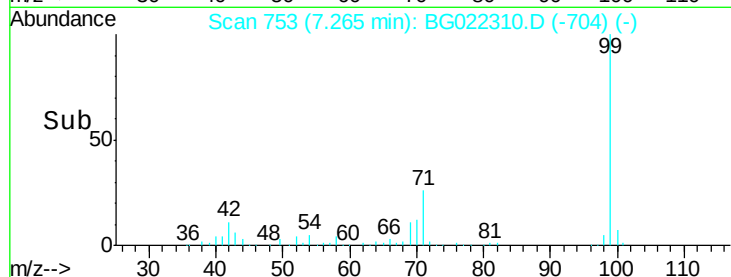
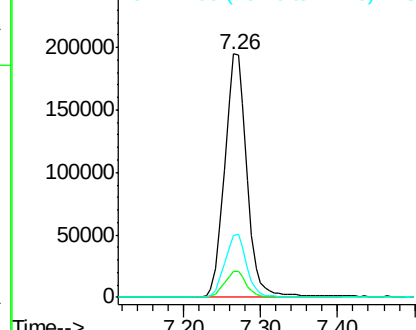
99 100

42 10.6 16.4 24.6#

71 25.5 25.0 37.4



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: 2.03 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.08 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

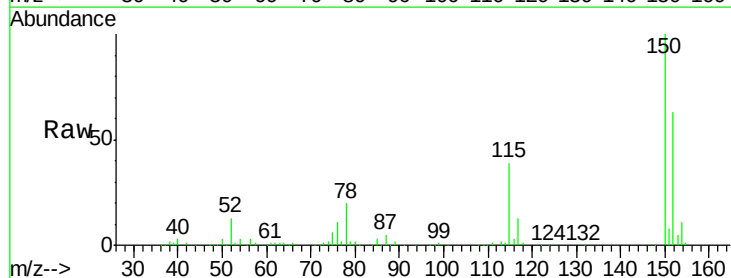
Tgt Ion: 79 Resp: 3044

Ion Ratio Lower Upper

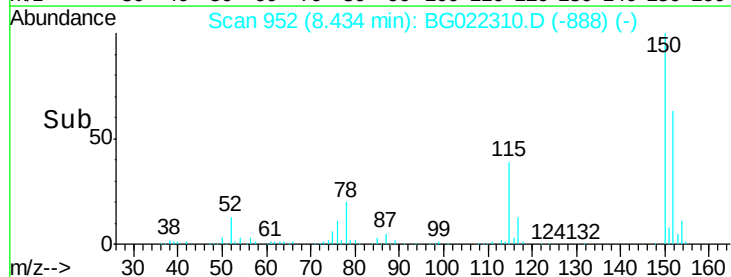
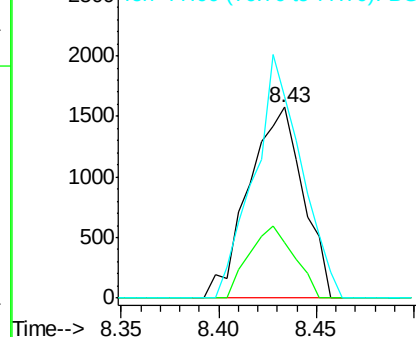
79 100

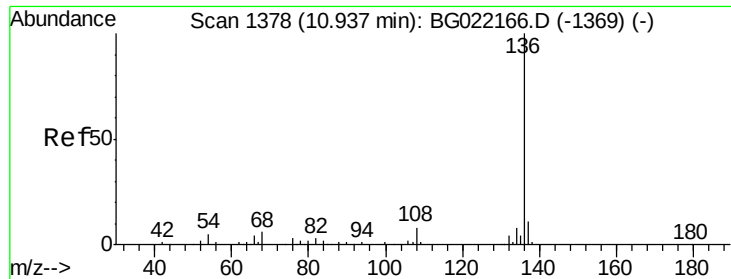
108 28.7 59.4 89.0#

77 105.6 52.2 78.2#



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

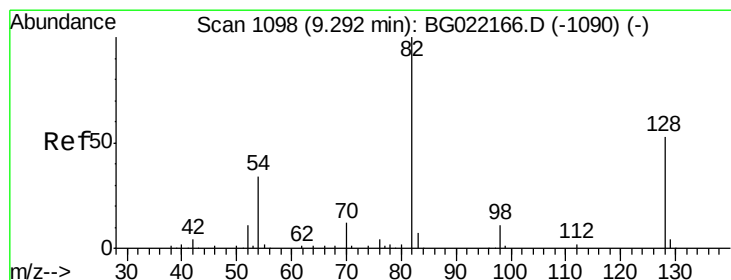
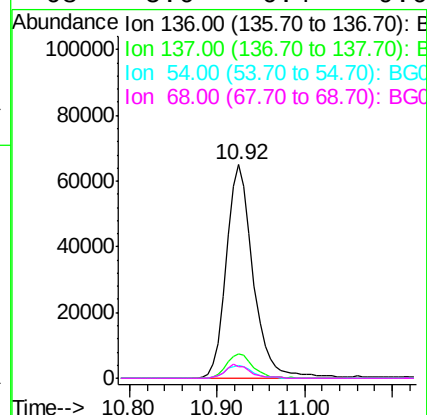
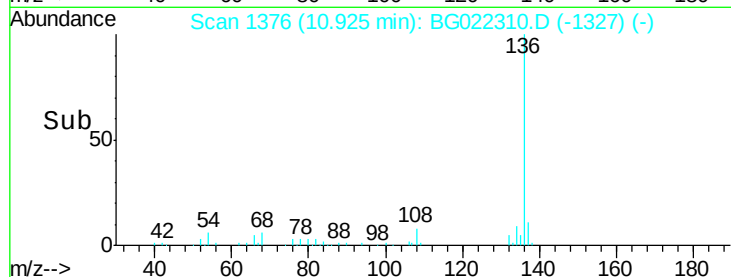
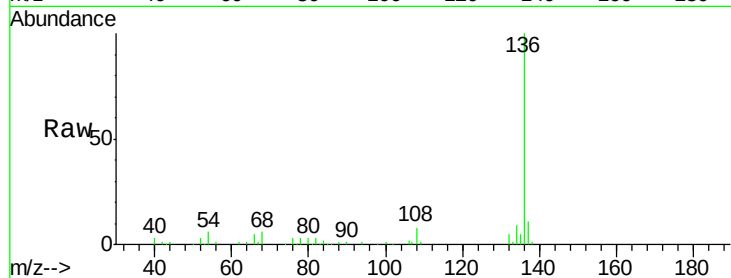




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

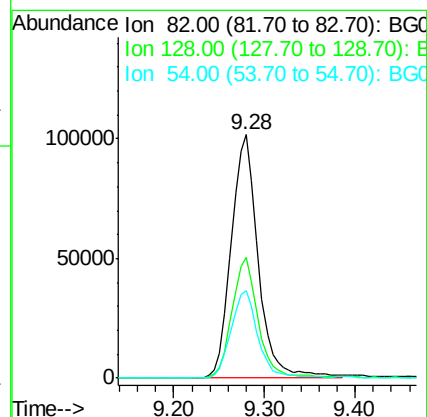
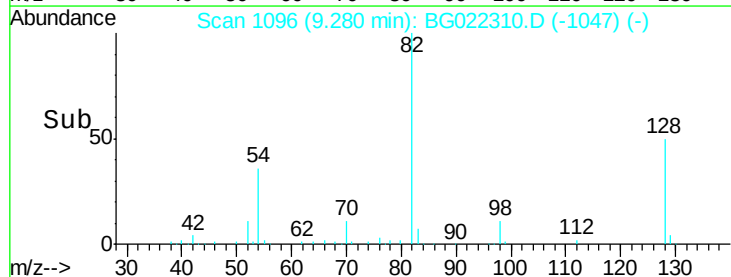
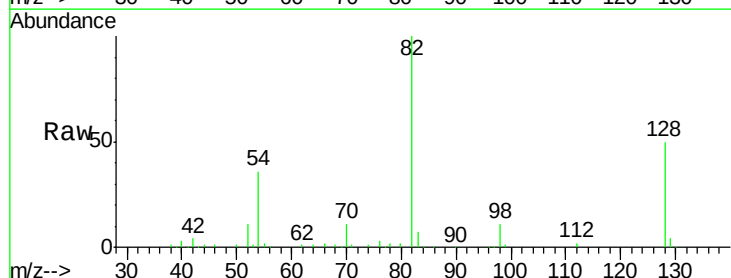
Instrument :
BNA_G
ClientSampleId :
3-VE-PILE-WALL(0-2)

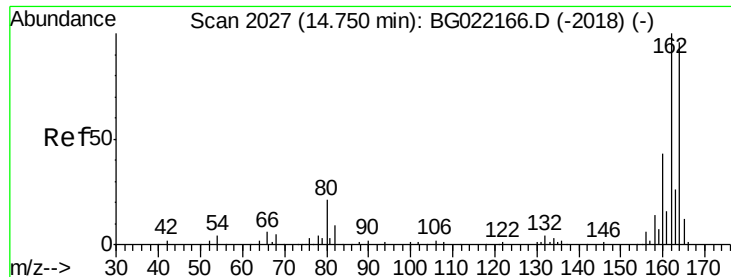
Tgt Ion:	136	Resp:	137440
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.3	9.6	14.4#
68	5.6	6.4	9.6#



#23
Nitrobenzene-d5
Concen: 107.25 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

Tgt Ion:	82	Resp:	211422
Ion	Ratio	Lower	Upper
82	100		
128	49.8	33.4	50.0
54	36.0	46.1	69.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

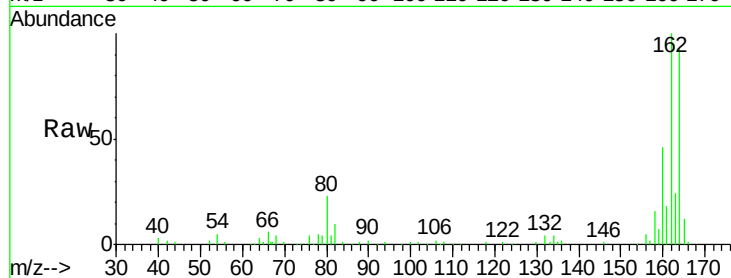
Tgt Ion:164 Resp: 79621

Ion Ratio Lower Upper

164 100

162 108.0 78.0 117.0

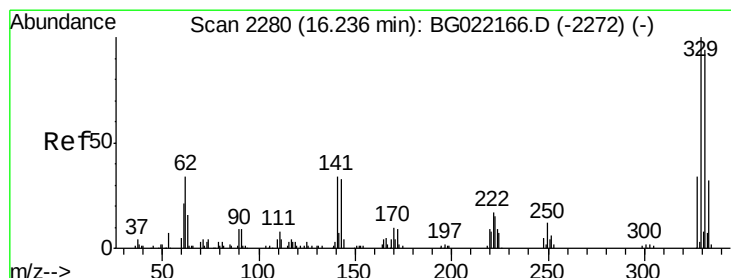
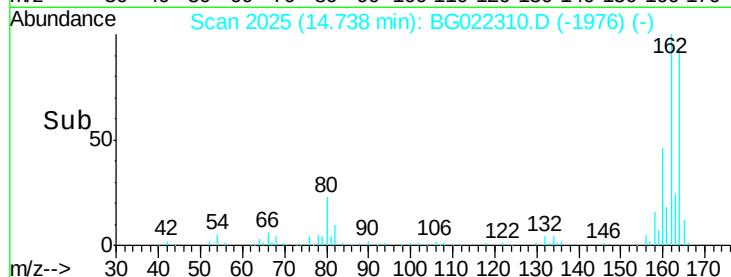
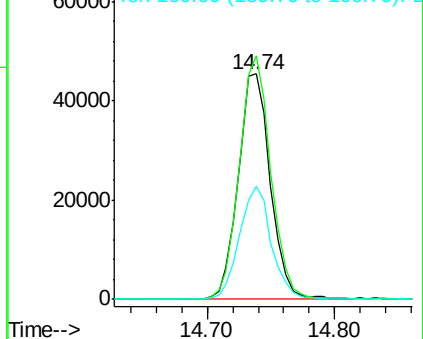
160 50.0 32.9 49.3#



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: 124.38 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

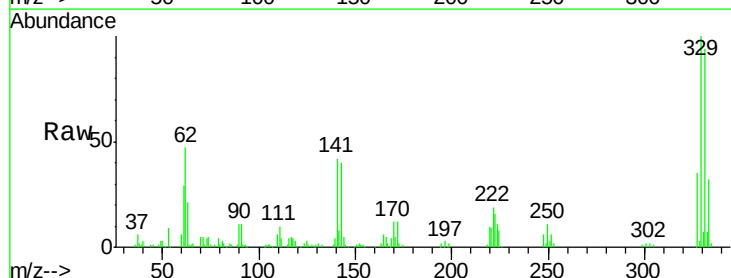
Tgt Ion:330 Resp: 111906

Ion Ratio Lower Upper

330 100

332 95.1 78.0 117.0

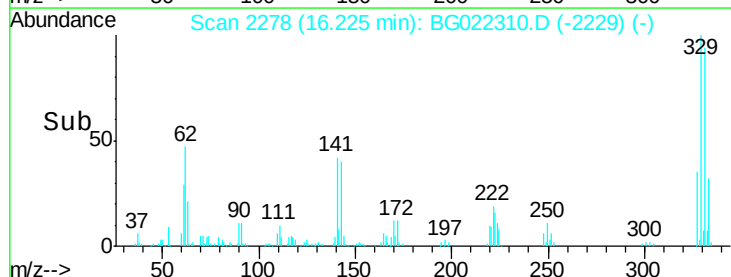
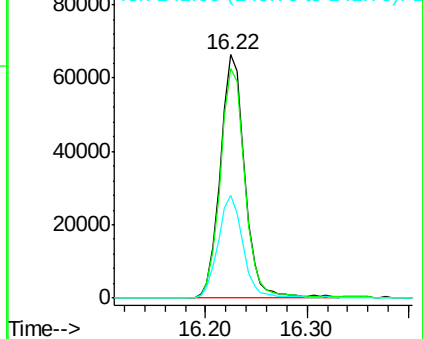
141 42.7 33.8 50.8

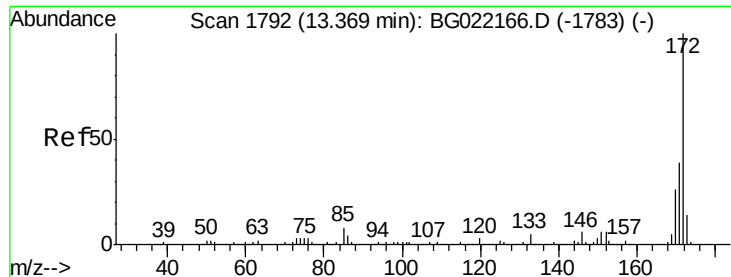


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

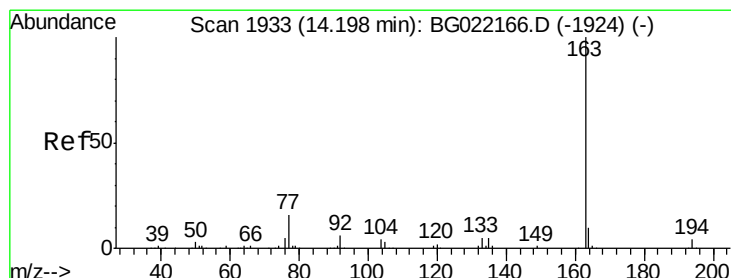
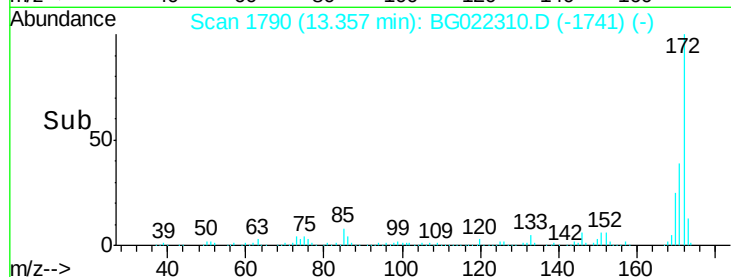
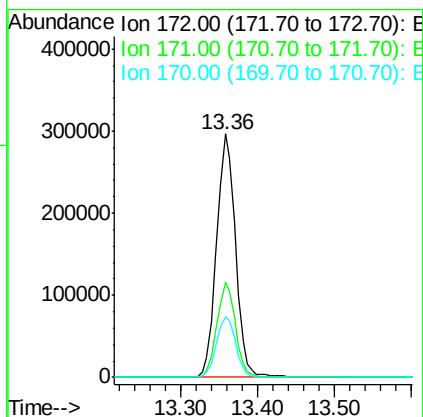
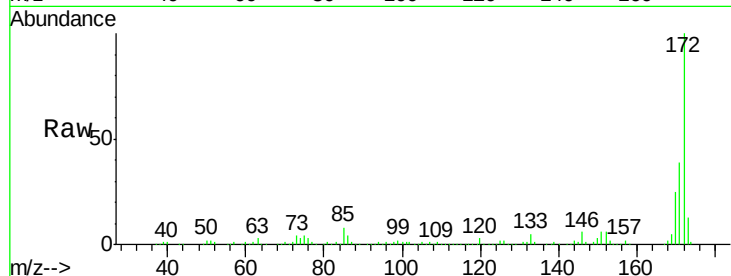




#44
2-Fluorobiphenyl
Concen: 96.50 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

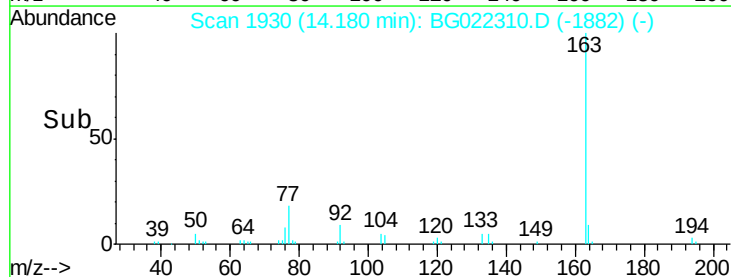
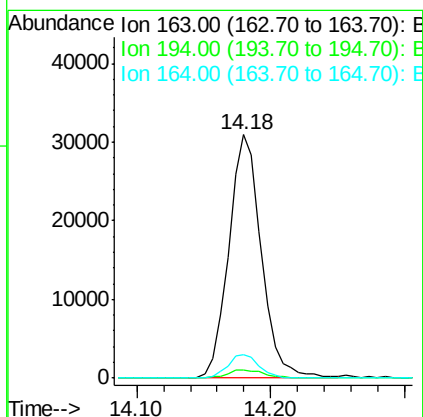
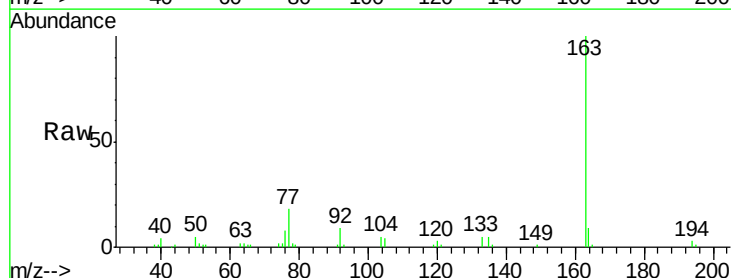
Instrument :
BNA_G
ClientSampleId :
3-VE-PILE-WALL(0-2)

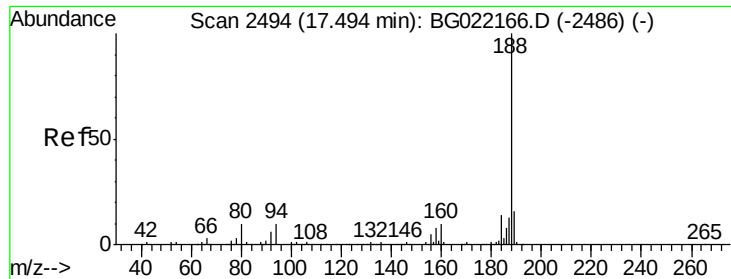
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	27.8	41.6
170	24.8	19.6	29.4



#49
Dimethylphthalate
Concen: 7.99 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.4	8.1	12.1

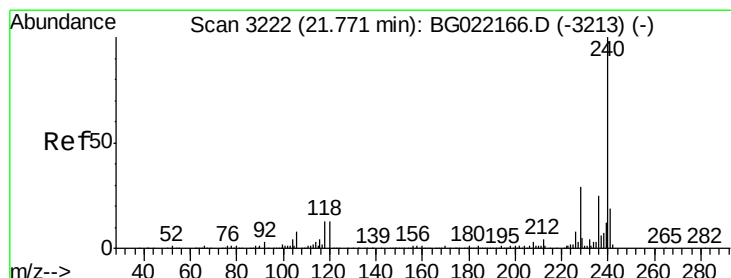
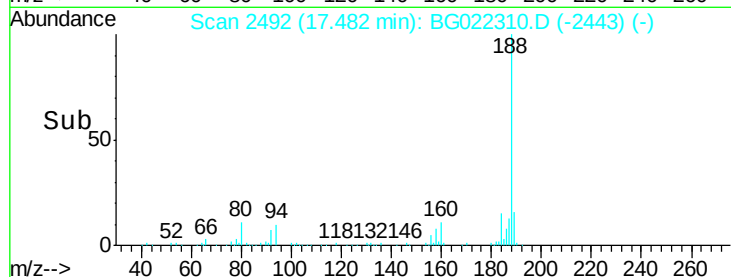
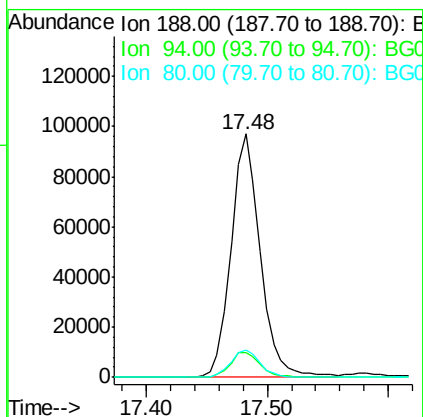
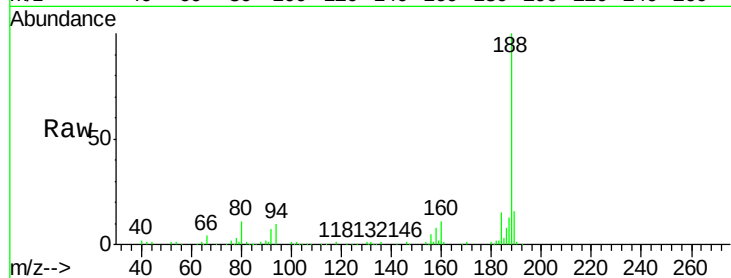




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

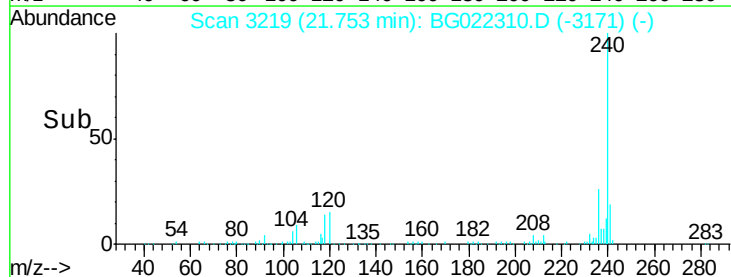
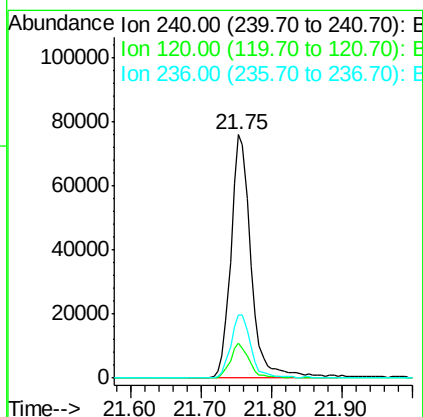
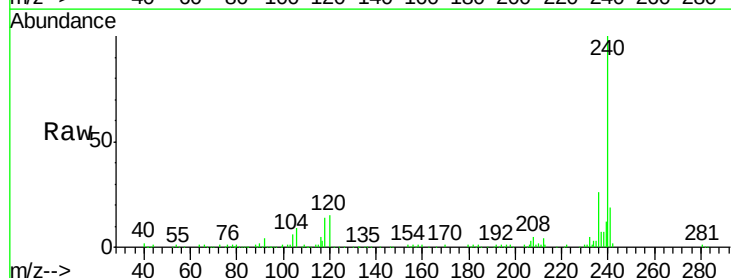
Instrument :
BNA_G
ClientSampleId :
3-VE-PILE-WALL(0-2)

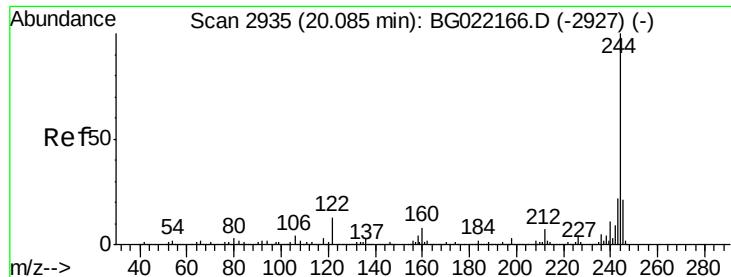
Tgt Ion:188 Resp: 163553
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 11.0 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG022310.D
Acq: 11 Jun 2016 6:36

Tgt Ion:240 Resp: 151119
Ion Ratio Lower Upper
240 100
120 14.6 8.4 12.6#
236 25.8 19.6 29.4





#78

Terphenyl-d14

Concen: 95.55 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

3-VE-PILE-WALL(0-2)

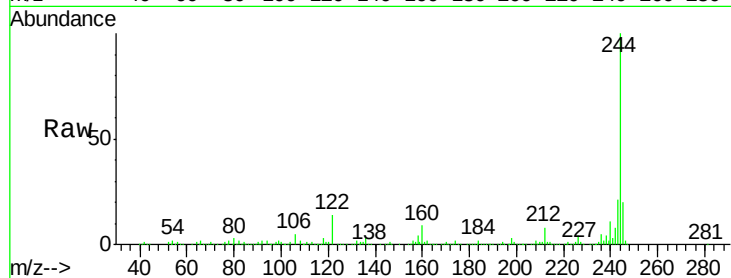
Tgt Ion:244 Resp: 608230

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

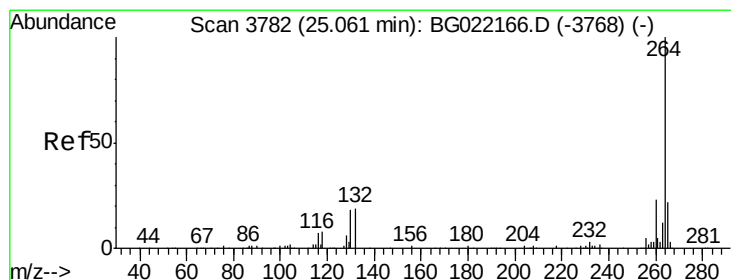
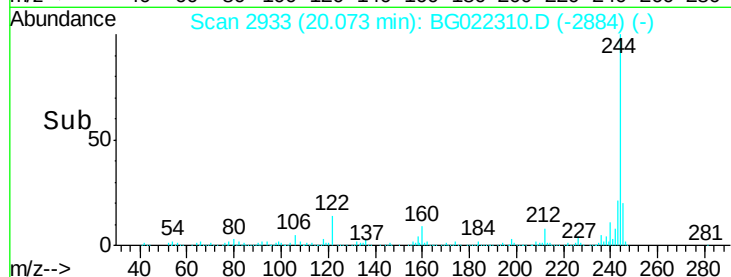
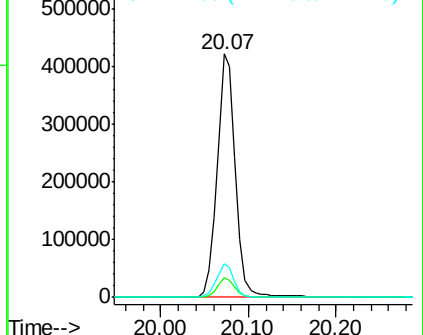
122 14.0 8.6 12.8#



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: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG022310.D

Acq: 11 Jun 2016 6:36

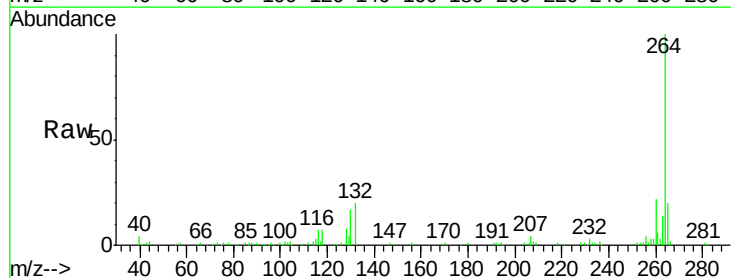
Tgt Ion:264 Resp: 143359

Ion Ratio Lower Upper

264 100

260 22.2 20.2 30.4

265 20.1 17.8 26.8



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

