

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
 Data File : BG025948.D
 Acq On : 25 Feb 2017 1:40
 Operator : SJ/MA
 Sample : I1973-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-Y6E-SW

Quant Time: Feb 25 02:29:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

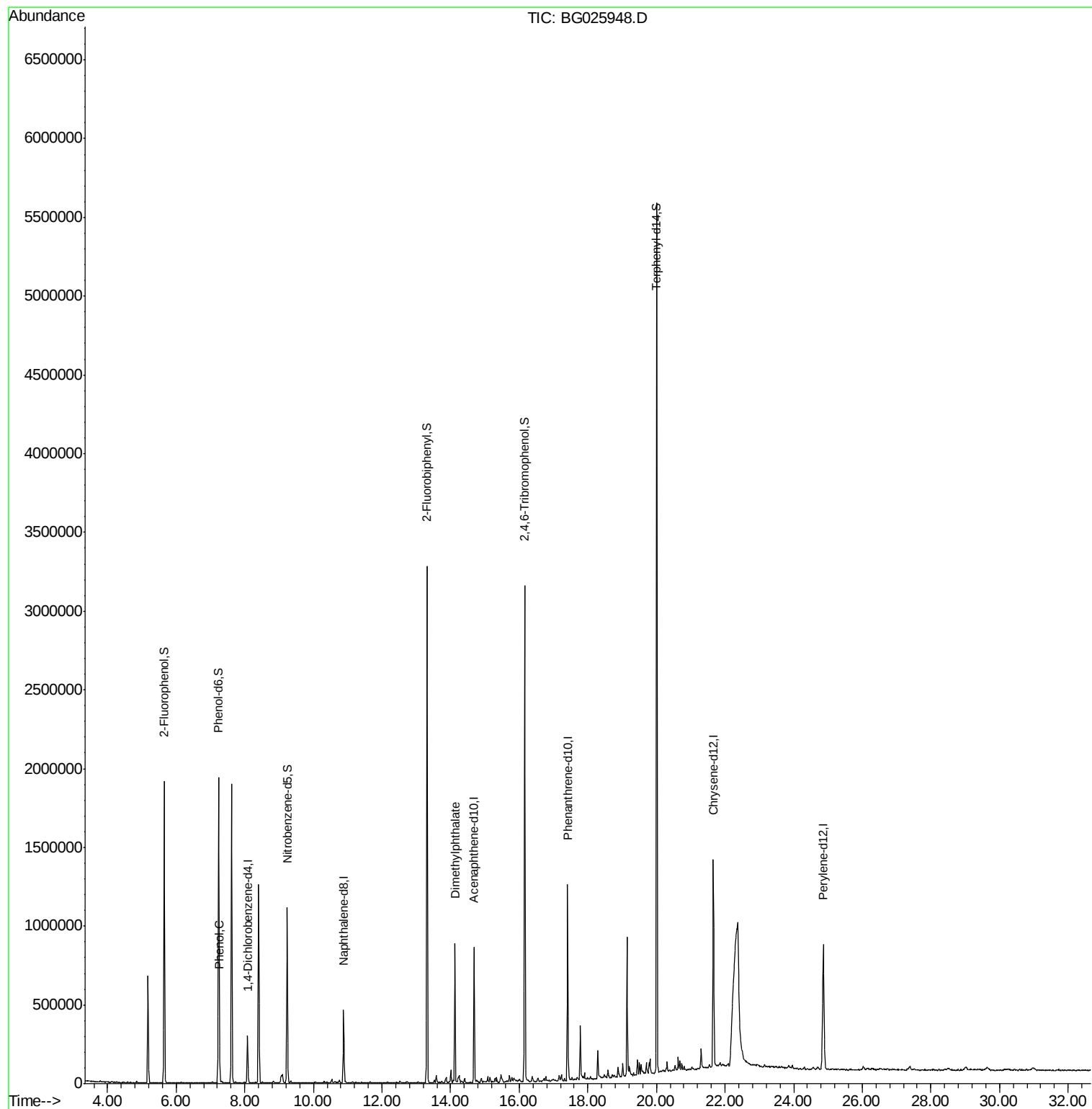
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	88315	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	421463	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	288946	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	781540	20.00	ng	0.00
75) Chrysene-d12	21.66	240	818421	20.00	ng	-0.02
86) Perylene-d12	24.87	264	801778	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	883302	174.13	ng	0.00
7) Phenol-d6	7.24	99	1275338	169.90	ng	0.00
23) Nitrobenzene-d5	9.24	82	679726	101.78	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	600499	224.94	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1722558	104.17	ng	0.00
78) Terphenyl-d14	20.01	244	2450606	72.83	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	81691	10.01	ng	77
49) Dimethylphthalate	14.13	163	600844	30.31	ng	97

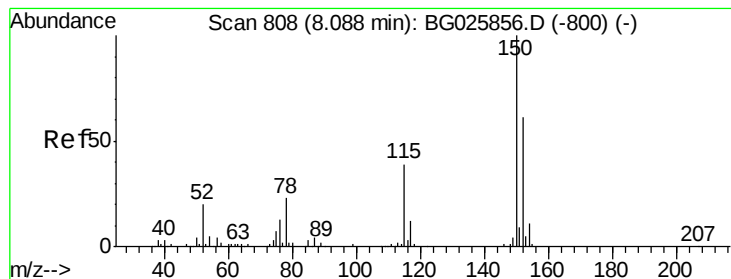
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampled :

E2-Y6E-SW

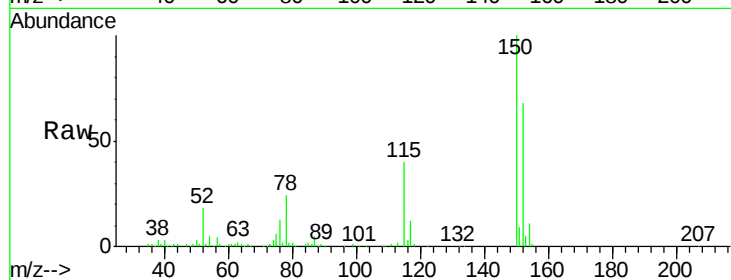
Tgt Ion:152 Resp: 88315

Ion Ratio Lower Upper

152 100

150 147.8 114.0 171.0

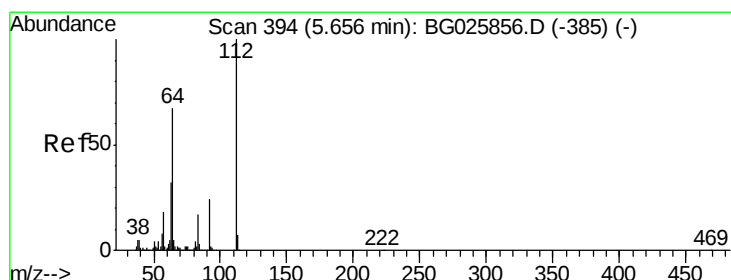
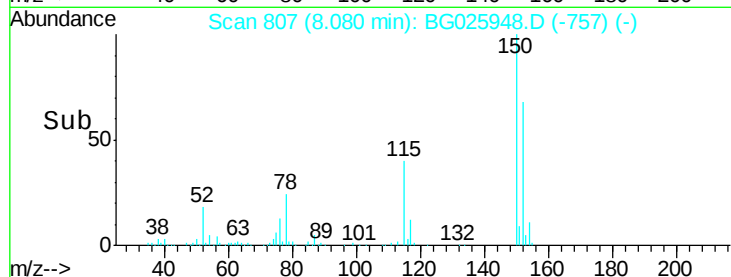
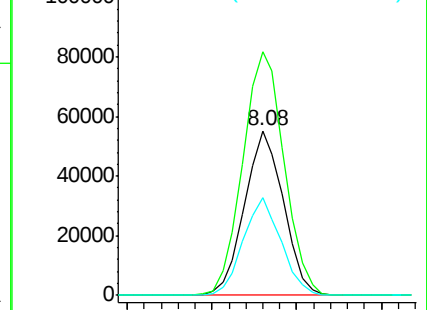
115 59.7 48.1 72.1



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: 174.13 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

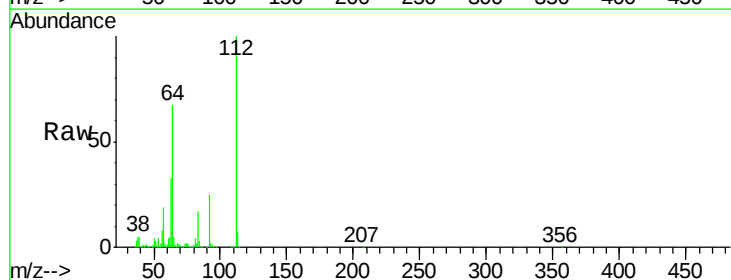
Tgt Ion:112 Resp: 883302

Ion Ratio Lower Upper

112 100

64 67.2 61.8 92.6

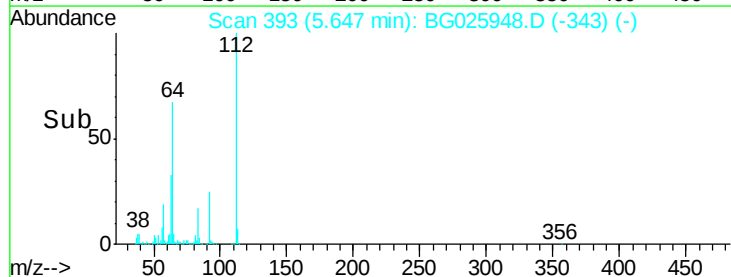
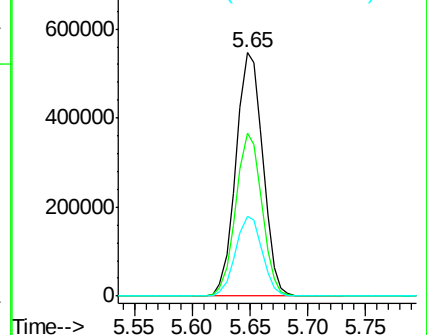
63 32.5 37.2 55.8#

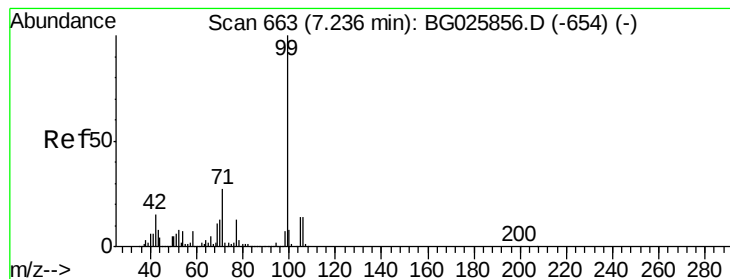


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 169.90 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

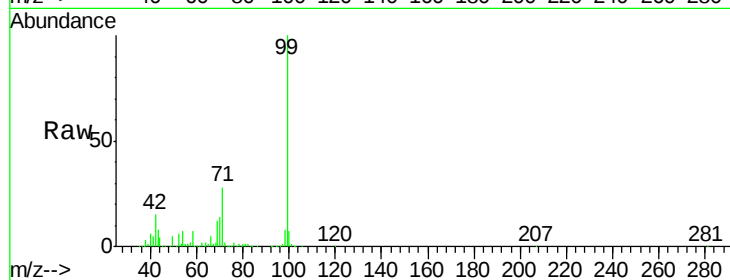
Tgt Ion: 99 Resp: 1275338

Ion Ratio Lower Upper

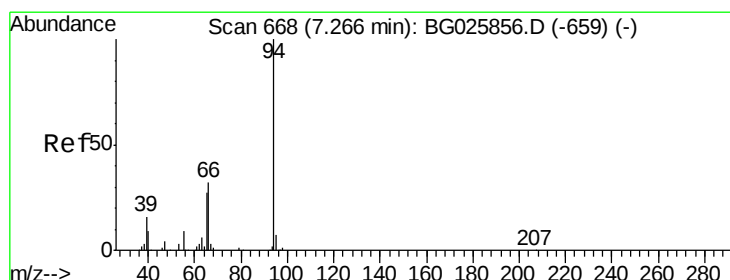
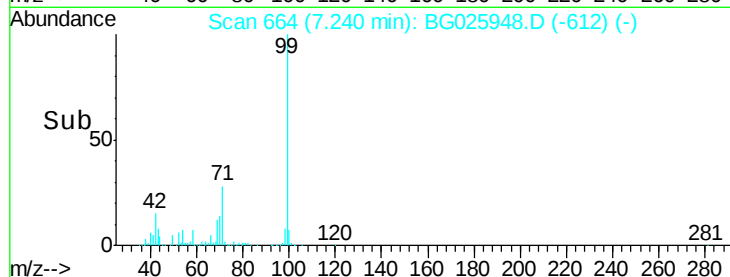
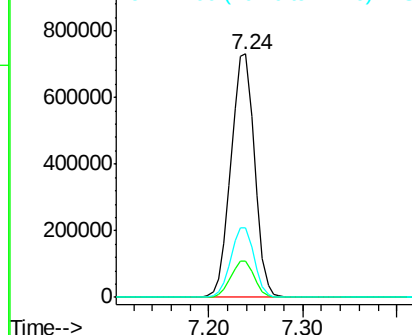
99 100

42 14.9 20.5 30.7#

71 28.5 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



#10

Phenol

Concen: 10.01 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

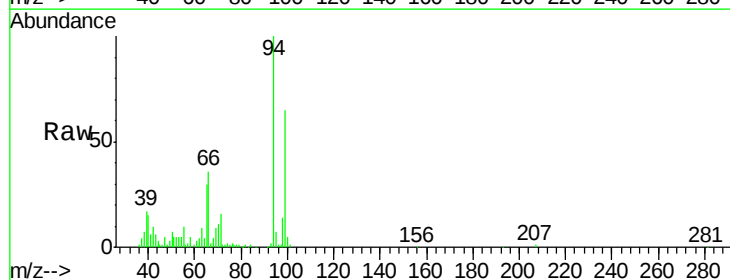
Tgt Ion: 94 Resp: 81691

Ion Ratio Lower Upper

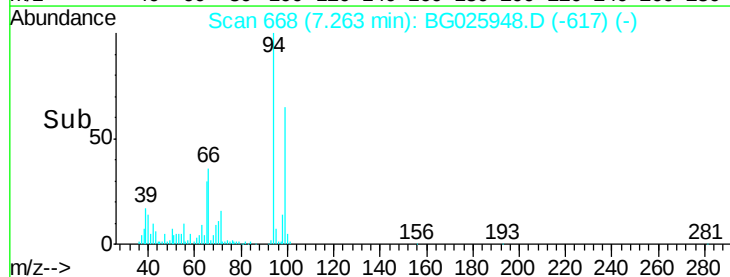
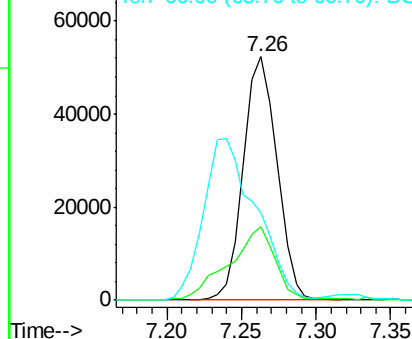
94 100

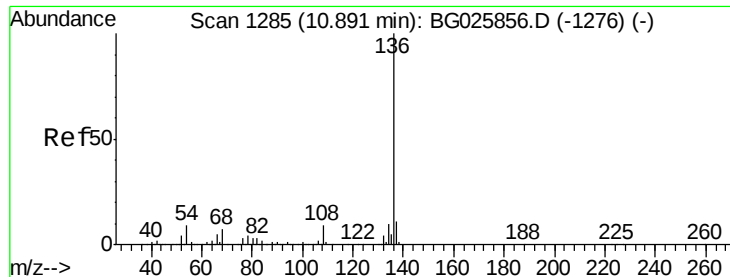
65 30.0 20.6 60.6

66 35.8 35.5 75.5



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

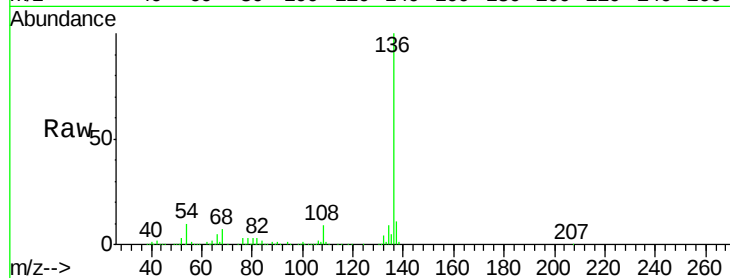




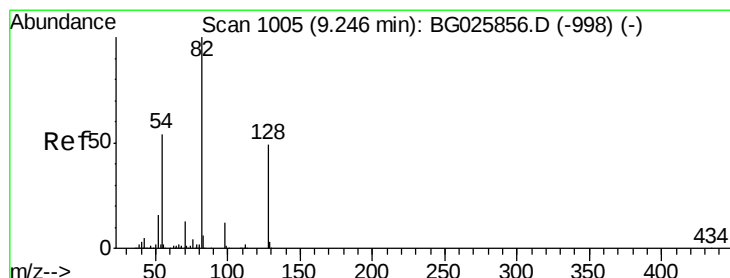
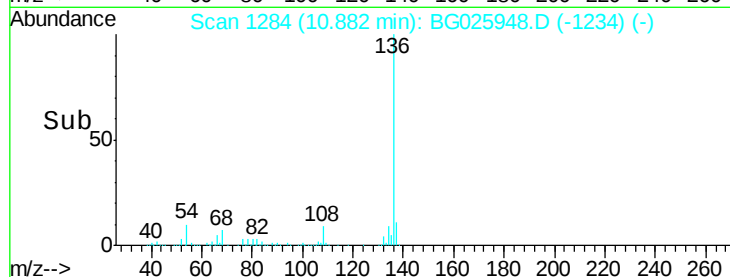
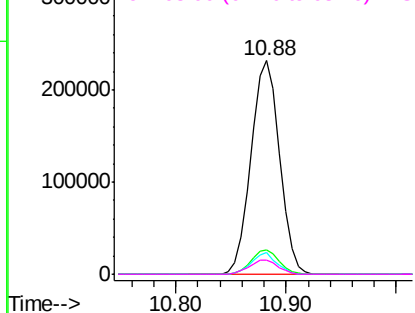
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Instrument :
BNA_G
ClientSampleId :
E2-Y6E-SW

Tgt Ion:	136	Resp:	421463
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	9.3	13.9
68	6.8	5.1	7.7

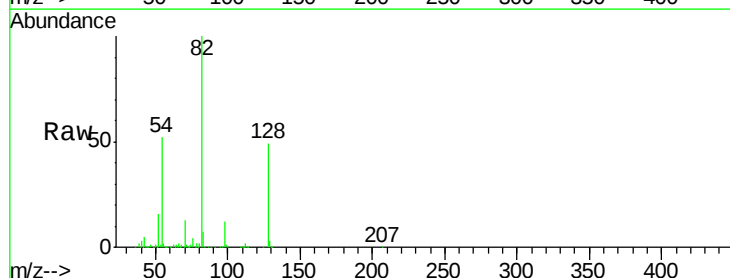


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

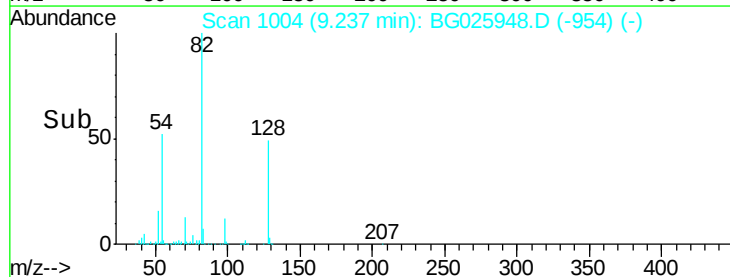
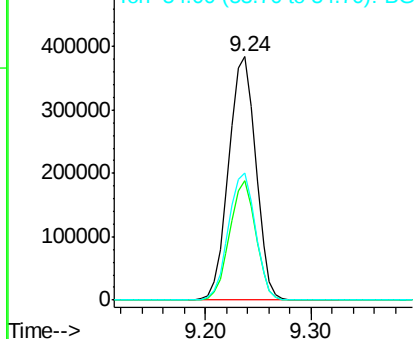


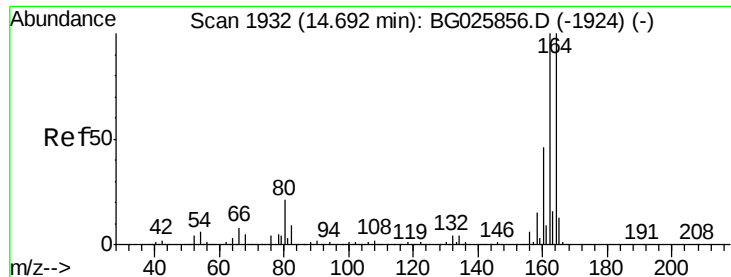
#23
Nitrobenzene-d5
Concen: 101.78 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Tgt Ion:	82	Resp:	679726
Ion	Ratio	Lower	Upper
82	100		
128	49.1	26.4	39.6#
54	52.1	49.4	74.2



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

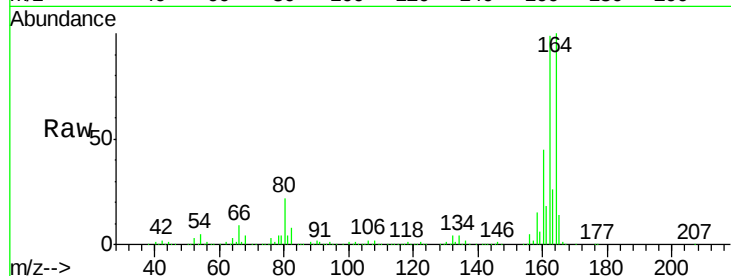




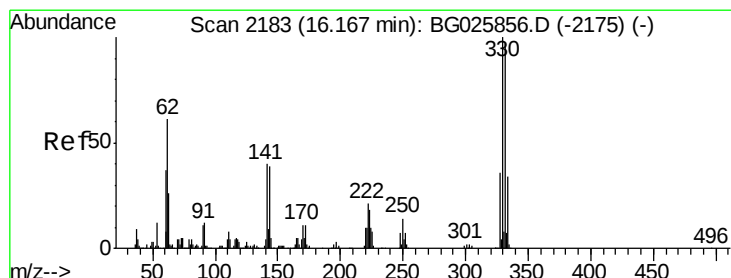
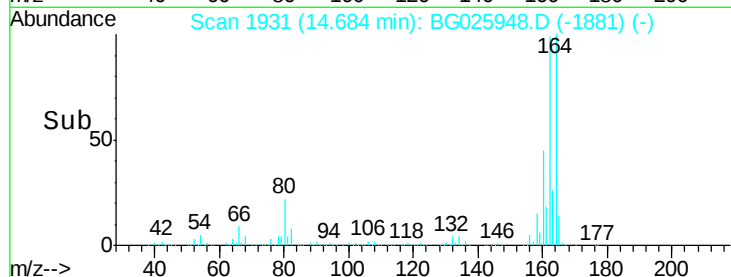
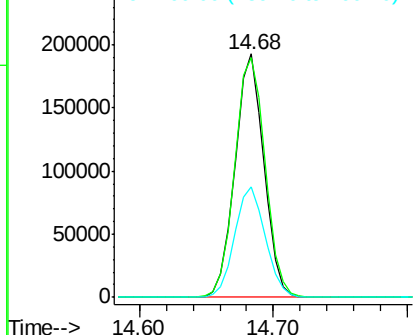
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Instrument :
BNA_G
ClientSampleId :
E2-Y6E-SW

Tgt Ion:164 Resp: 288946
Ion Ratio Lower Upper
164 100
162 98.6 85.1 127.7
160 45.1 34.7 52.1

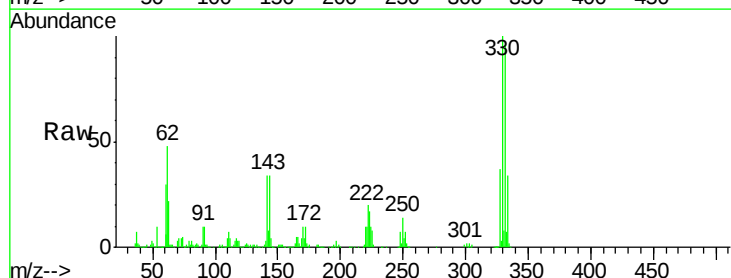


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

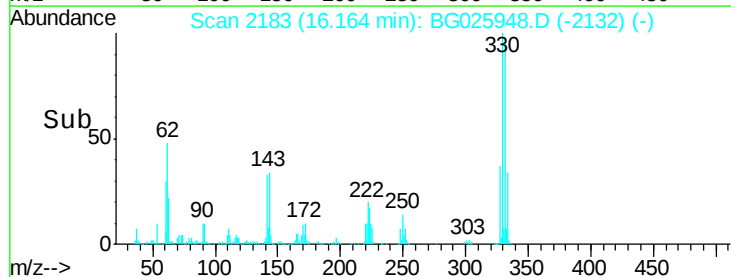
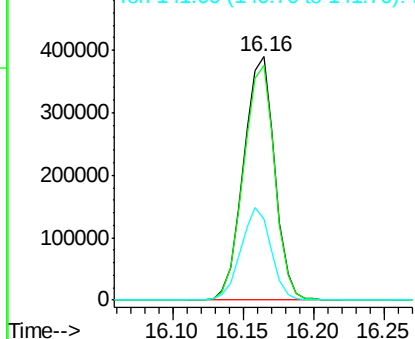


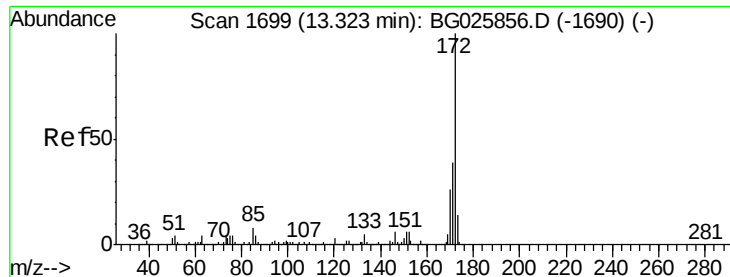
#41
2,4,6-Tribromophenol
Concen: 224.94 ng
RT: 16.16 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Tgt Ion:330 Resp: 600499
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 36.9 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

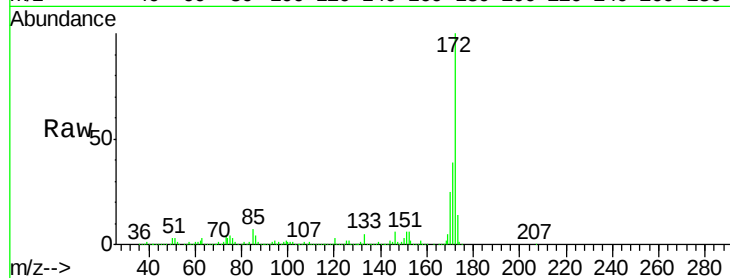




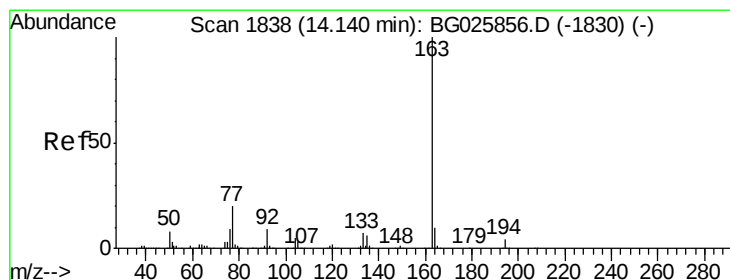
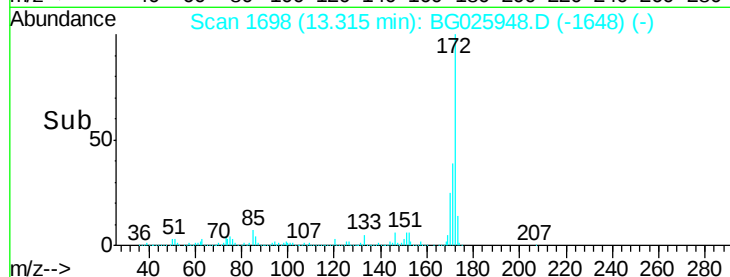
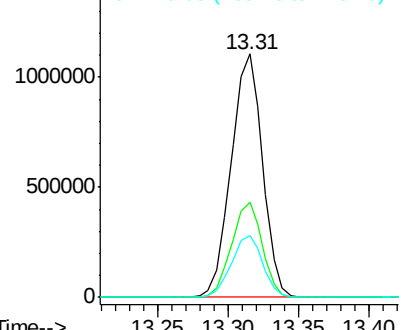
#44
2-Fluorobiphenyl
Concen: 104.17 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Instrument :
BNA_G
ClientSampleId :
E2-Y6E-SW

Tgt Ion:172 Resp: 1722558
Ion Ratio Lower Upper
172 100
171 39.3 32.2 48.2
170 25.3 21.8 32.6

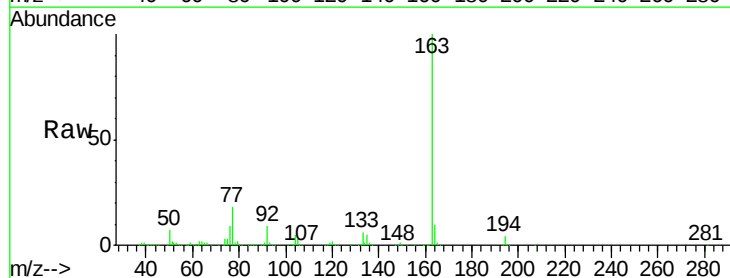


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

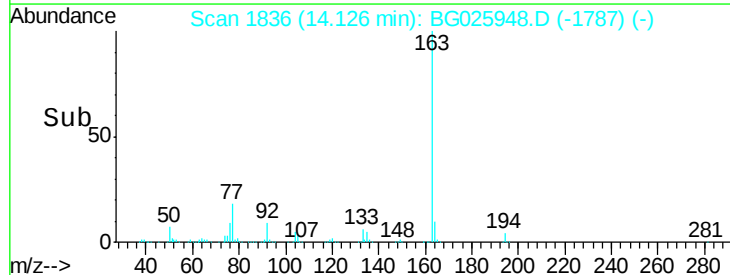
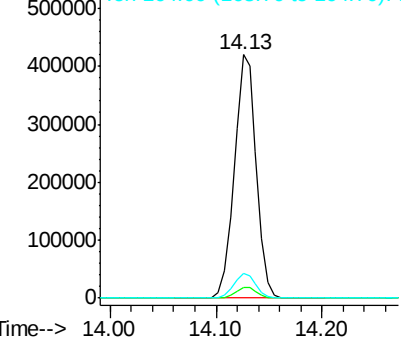


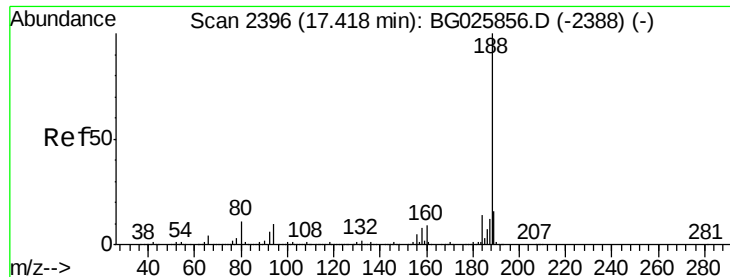
#49
Dimethylphthalate
Concen: 30.31 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Tgt Ion:163 Resp: 600844
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 10.3 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

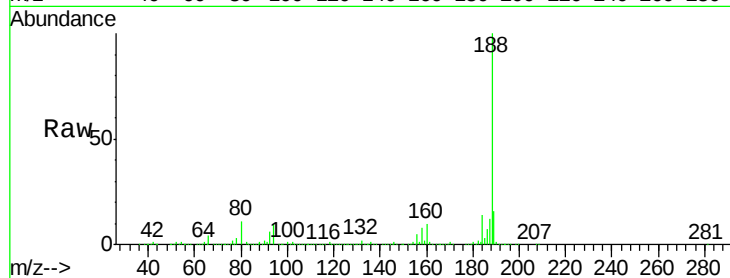
Tgt Ion:188 Resp: 781540

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

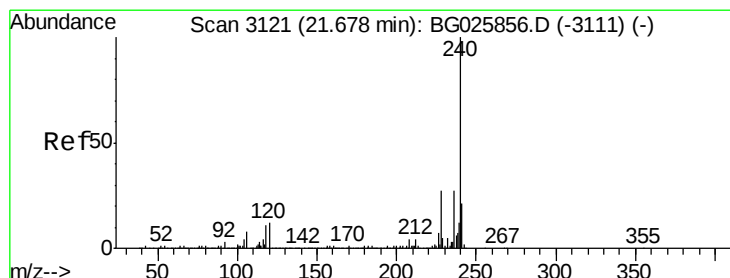
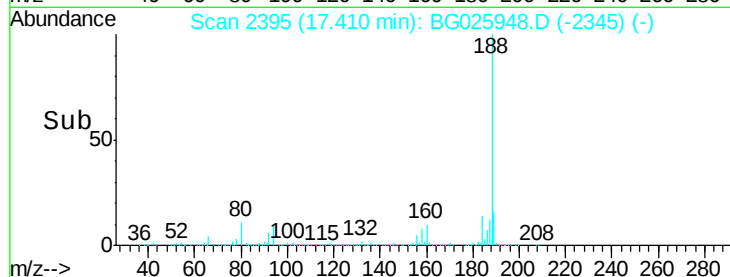
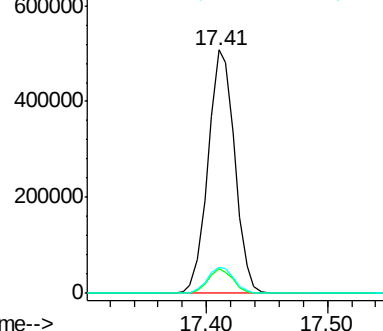
80 10.6 7.5 11.3



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: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

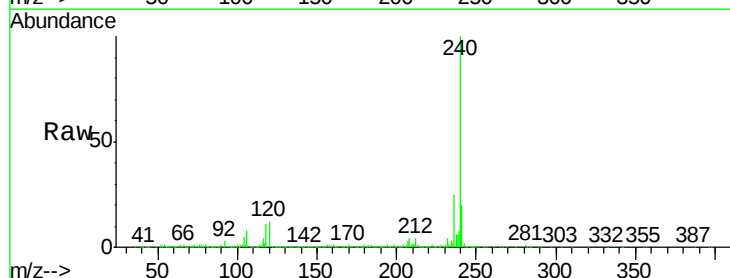
Tgt Ion:240 Resp: 818421

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

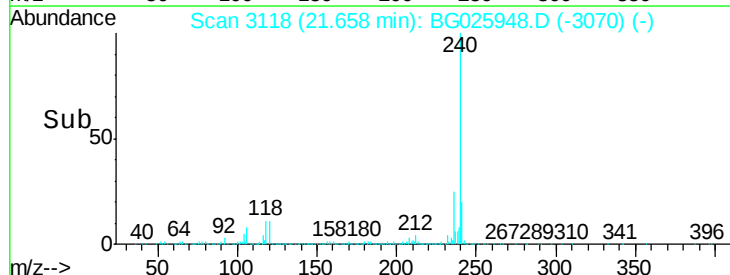
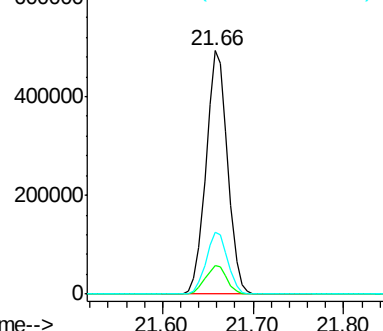
236 25.4 22.2 33.4

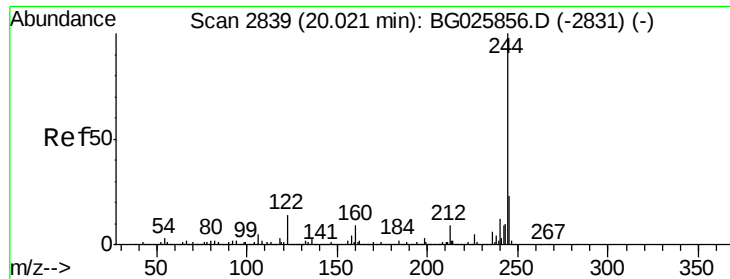


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.83 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

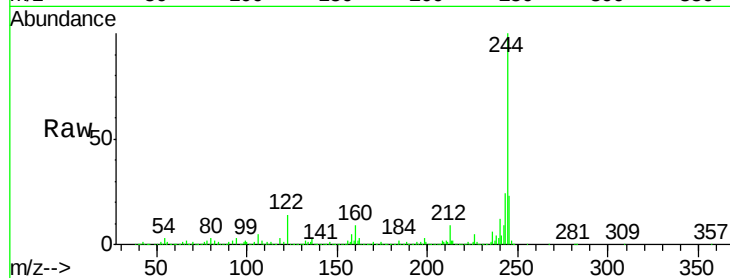
Tgt Ion:244 Resp: 2450606

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

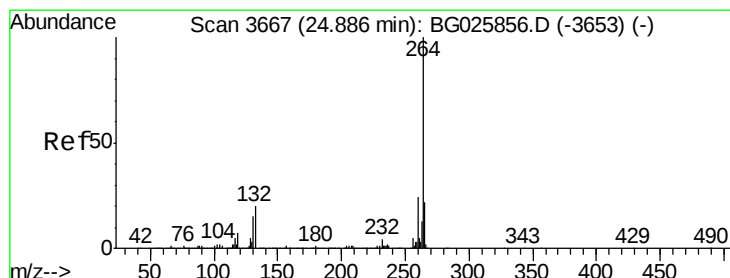
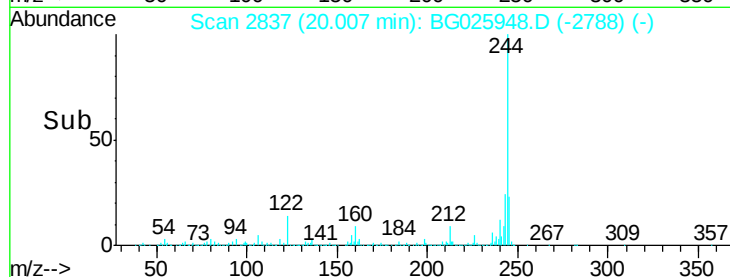
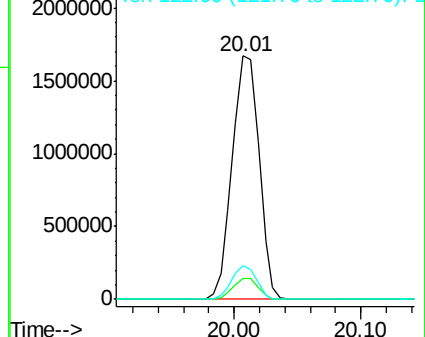
122 14.1 8.6 12.8#



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: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

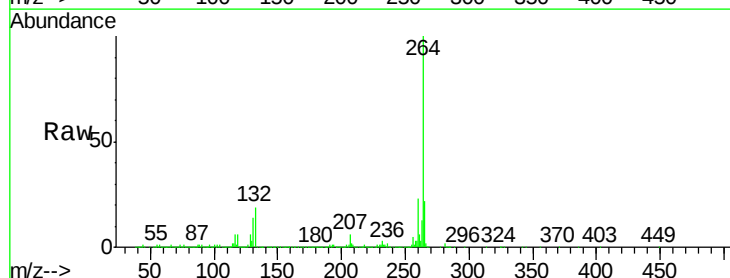
Tgt Ion:264 Resp: 801778

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.6 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

