

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016940.D
 Acq On : 8 May 2015 3:02
 Operator : TP/IZ
 Sample : G2084-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5

Quant Time: May 08 05:05:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:04:43 2015
 Response via : Initial Calibration

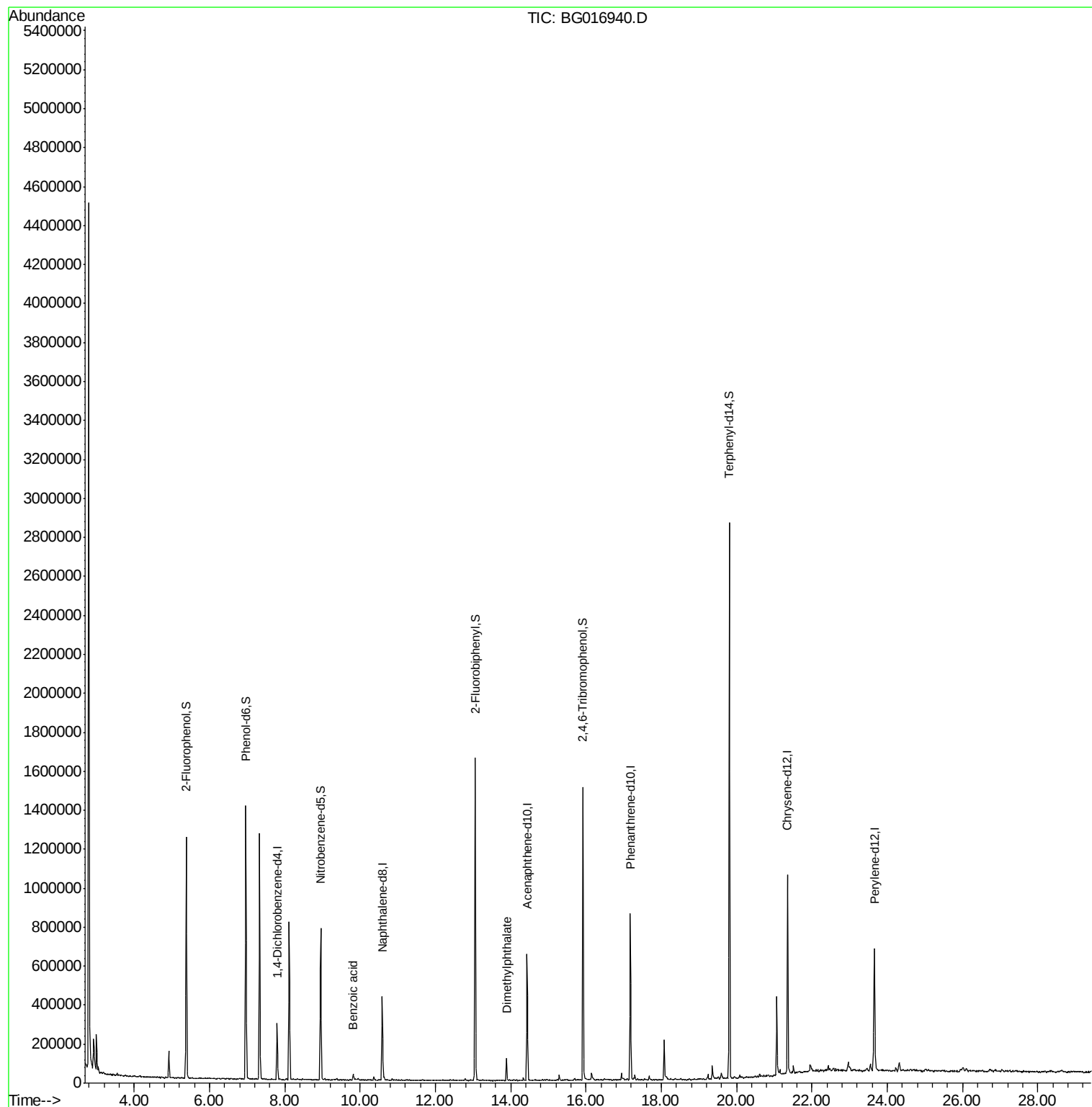
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	69685	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	316096	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	208856	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	458261	20.00	ng	0.00
75) Chrysene-d12	21.35	240	443766	20.00	ng	0.00
86) Perylene-d12	23.66	264	440079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	452767	113.13	ng	0.00
7) Phenol-d6	6.97	99	644265	112.68	ng	0.00
23) Nitrobenzene-d5	8.96	82	414990	64.14	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	215671	102.86	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	734541	53.07	ng	0.00
78) Terphenyl-d14	19.81	244	1128993	59.64	ng	0.00
Target Compounds						
32) Benzoic acid	9.81	122	9585	4.52	ng	92
49) Dimethylphthalate	13.89	163	65226	4.18	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

Instrument :

BNA_G

ClientSampleId :

5

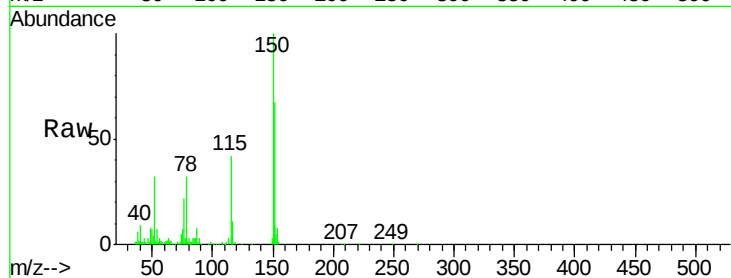
Tot Ion:152 Resp: 69685

Ion Ratio Lower Upper

152 100

150 149.3 121.0 181.4

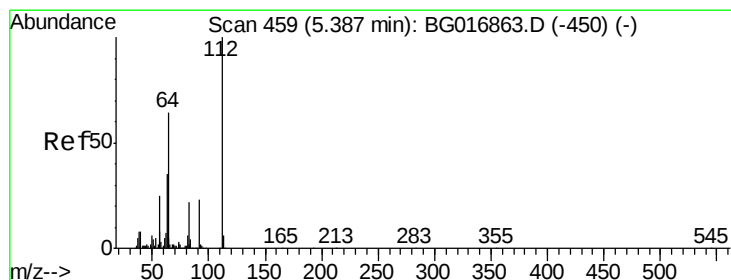
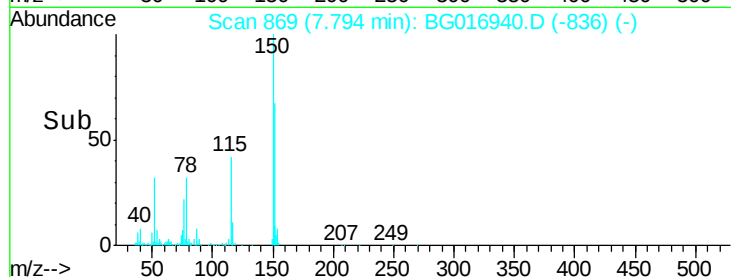
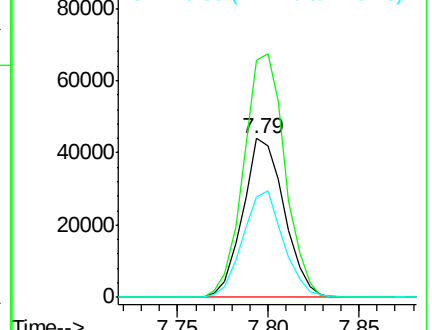
115 63.1 50.5 75.7



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: 113.13 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

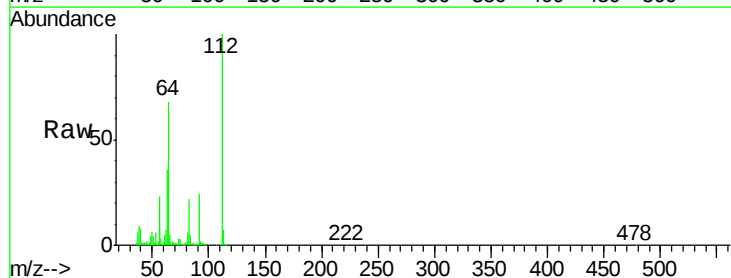
Tgt Ion:112 Resp: 452767

Ion Ratio Lower Upper

112 100

64 68.2 51.4 77.2

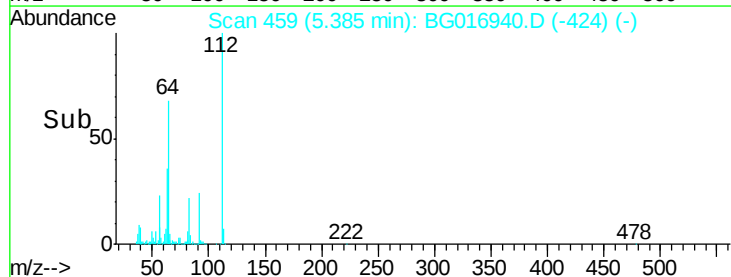
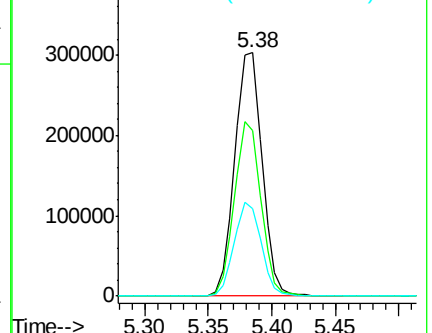
63 35.9 28.1 42.1

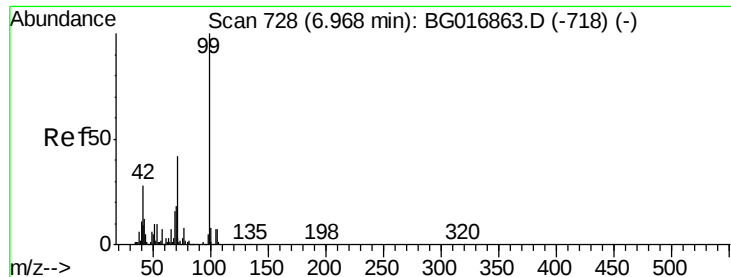


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.68 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

Instrument :

BNA_G

ClientSampleId :

5

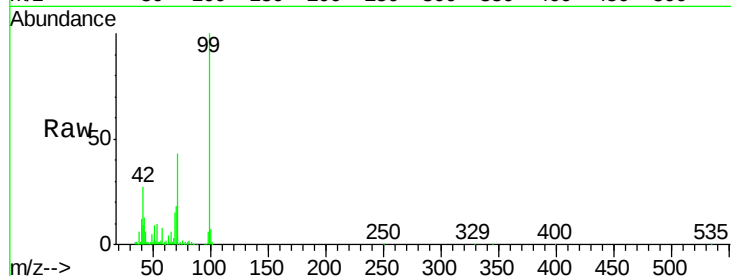
Tot Ion: 99 Resp: 644265

Ion Ratio Lower Upper

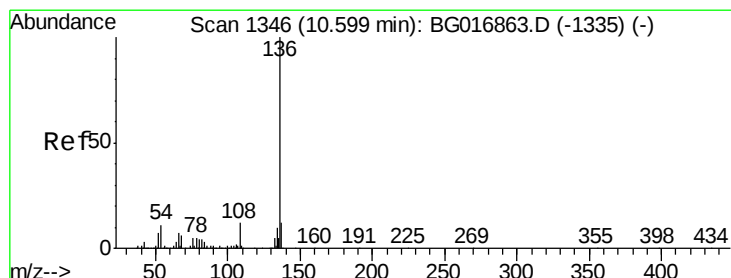
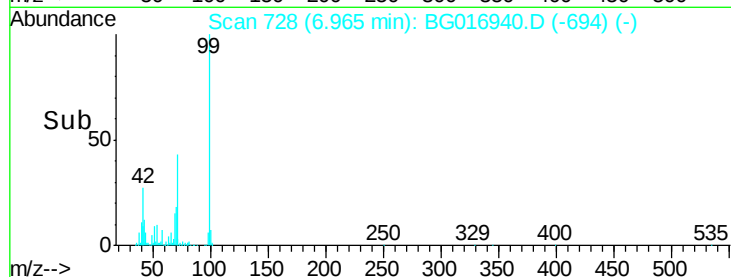
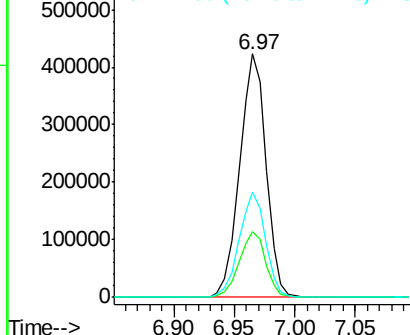
99 100

42 26.8 22.1 33.1

71 43.4 33.4 50.0



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: 20.00 ng

RT: 10.59 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

Tgt Ion: 136 Resp: 316096

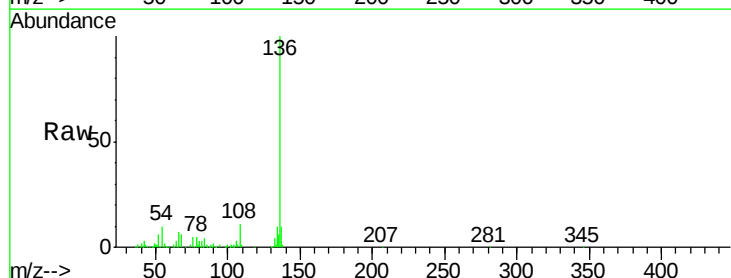
Ion Ratio Lower Upper

136 100

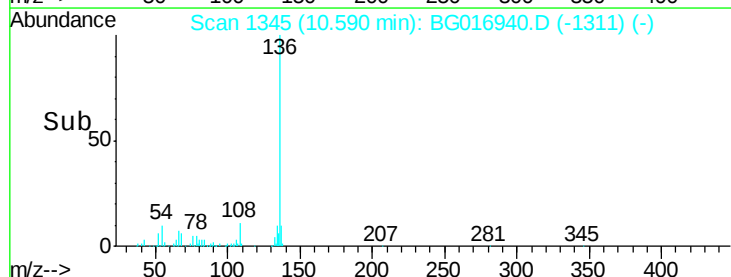
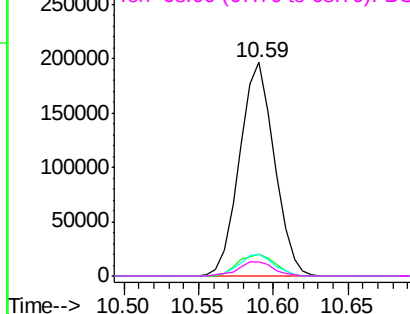
137 10.1 9.8 14.8

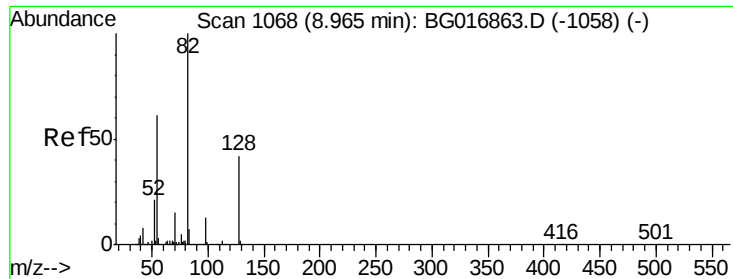
54 10.0 8.7 13.1

68 6.3 5.0 7.4



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

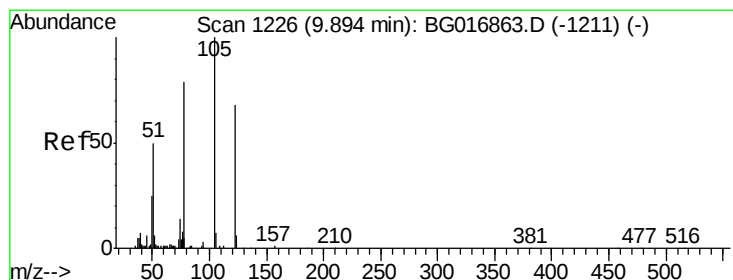
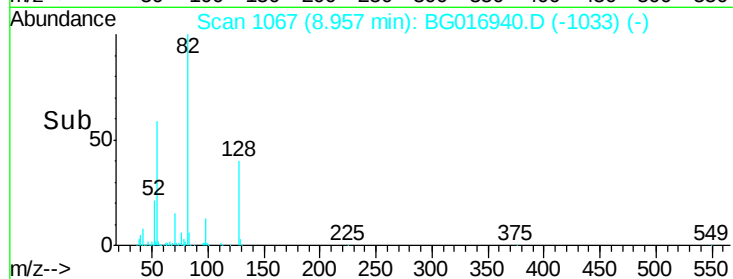
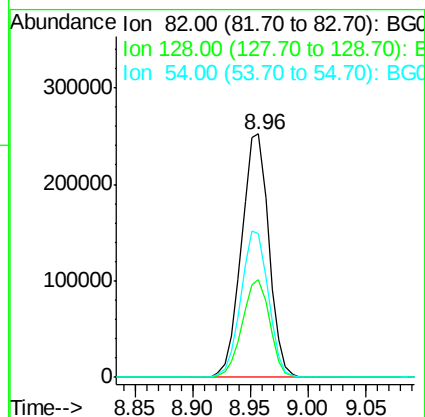
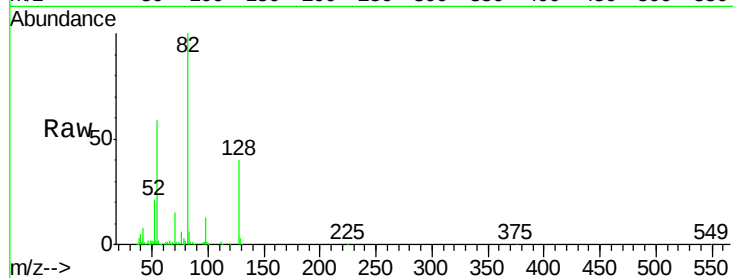




#23
 Nitrobenzene-d5
 Concen: 64.14 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BG016940.D
 Acq: 8 May 2015 3:02

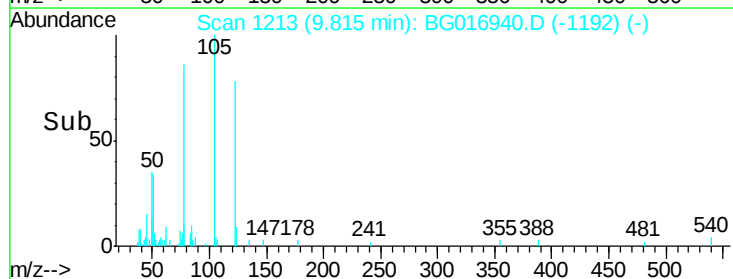
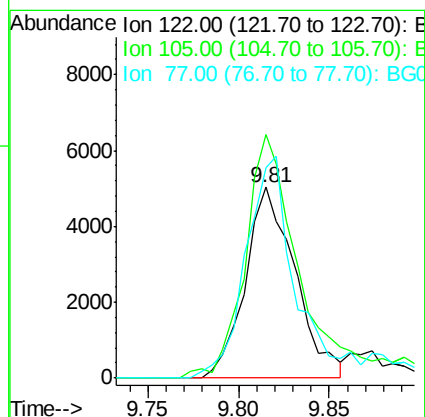
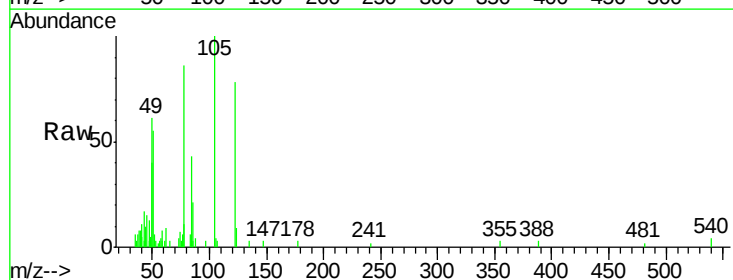
Instrument :
 BNA_G
 ClientSampleId :
 5

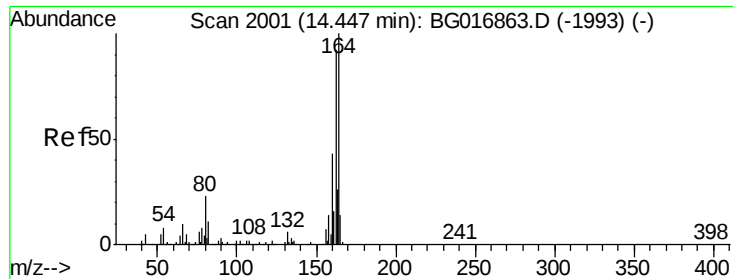
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.2	49.8
54	59.0	48.6	72.8



#32
 Benzoic acid
 Concen: 4.52 ng
 RT: 9.81 min Scan# 1213
 Delta R.T. -0.08 min
 Lab File: BG016940.D
 Acq: 8 May 2015 3:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	123.2	163.2
77	109.9	93.0	133.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

Instrument :

BNA_G

ClientSampleId :

5

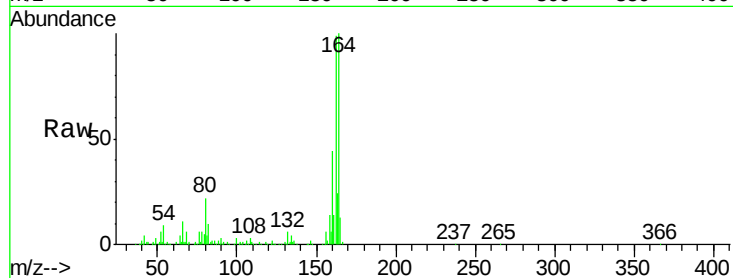
Tot Ion:164 Resp: 208856

Ion Ratio Lower Upper

164 100

162 98.8 74.0 111.0

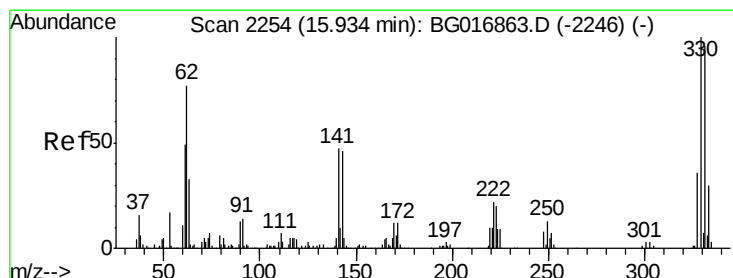
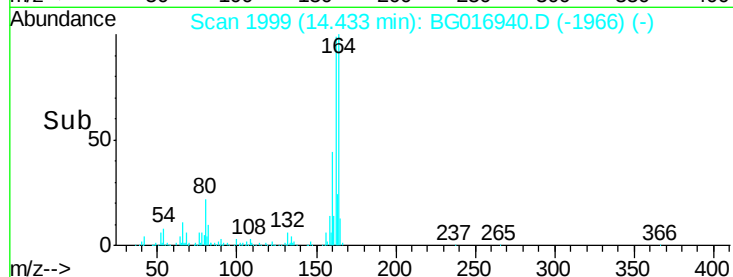
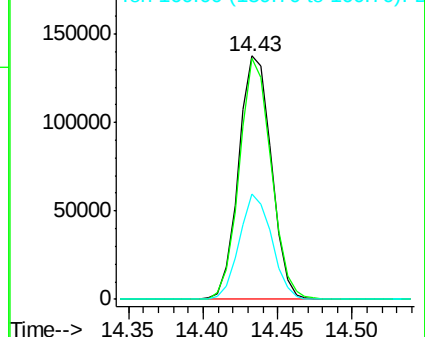
160 43.5 34.7 52.1



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: 102.86 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

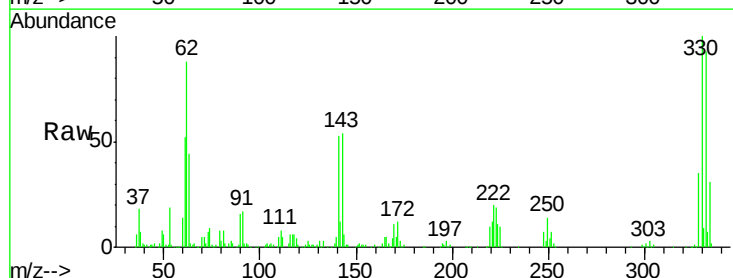
Tgt Ion:330 Resp: 215671

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

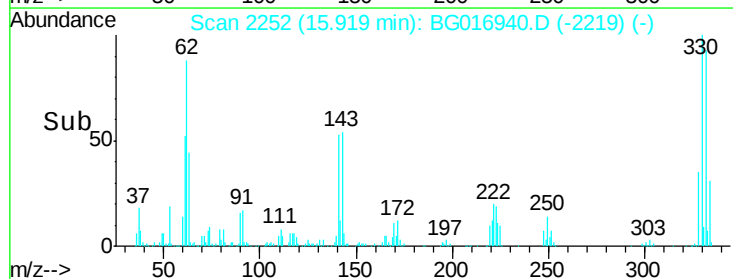
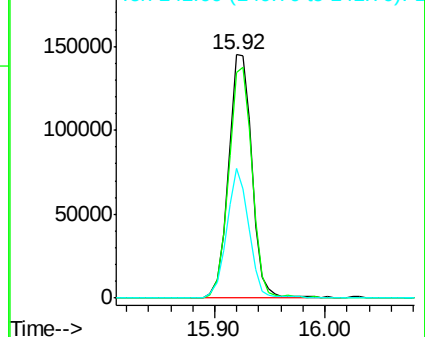
141 50.5 0.0 0.0#

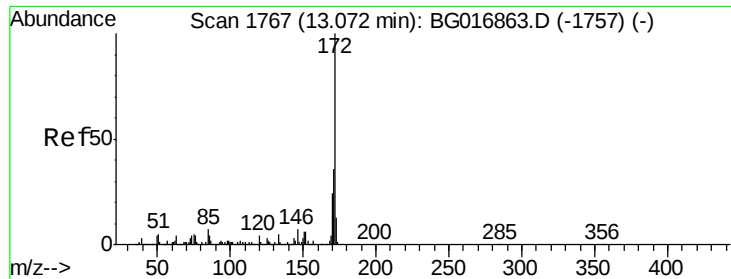


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

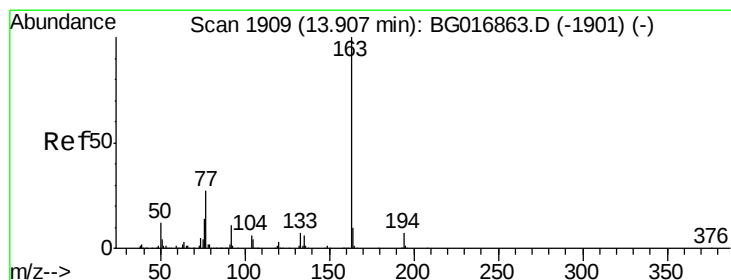
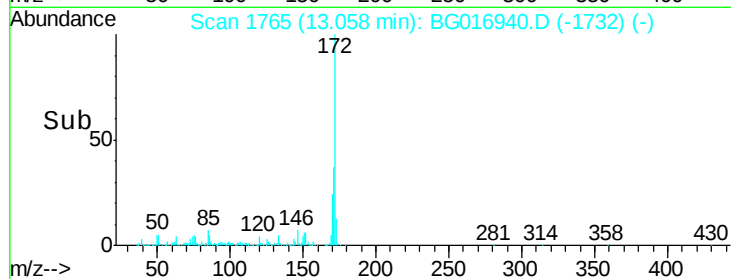
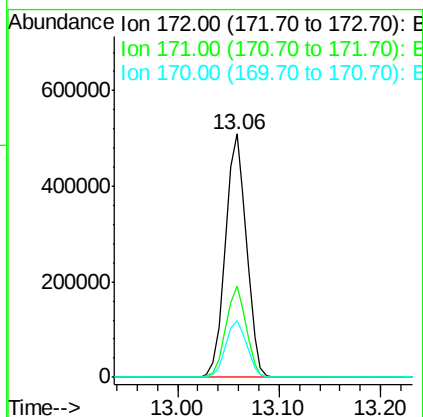
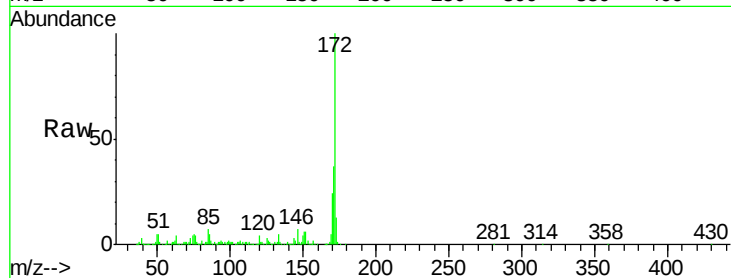




#44
2-Fluorobiphenyl
Concen: 53.07 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG016940.D
Acq: 8 May 2015 3:02

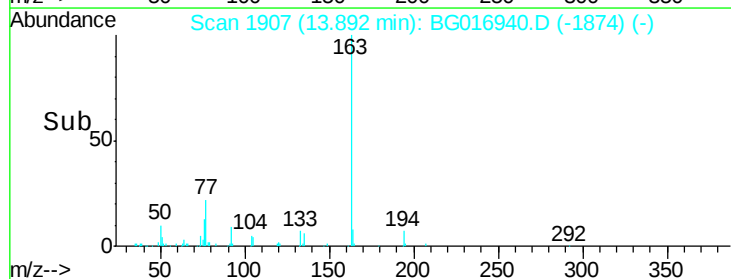
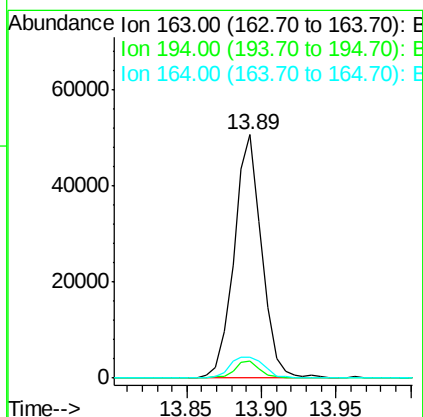
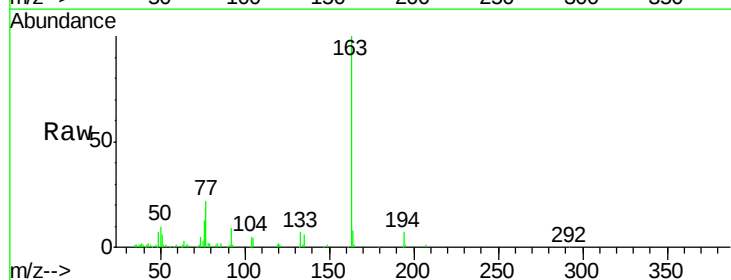
Instrument :
BNA_G
ClientSampleId :
5

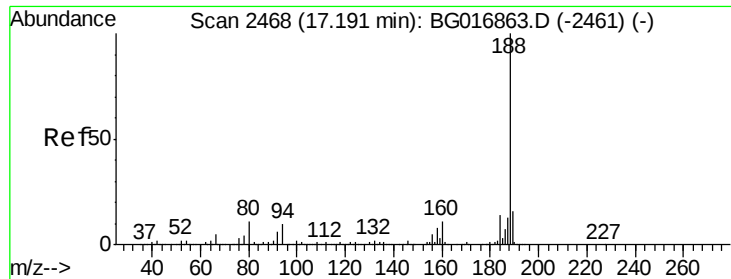
Tot Ion:172 Resp: 734541
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.4
170 23.5 19.0 28.4



#49
Dimethylphthalate
Concen: 4.18 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG016940.D
Acq: 8 May 2015 3:02

Tgt Ion:163 Resp: 65226
Ion Ratio Lower Upper
163 100
194 6.9 5.2 7.8
164 8.5 8.4 12.6

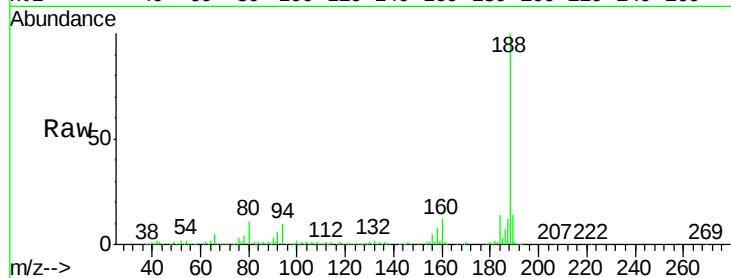




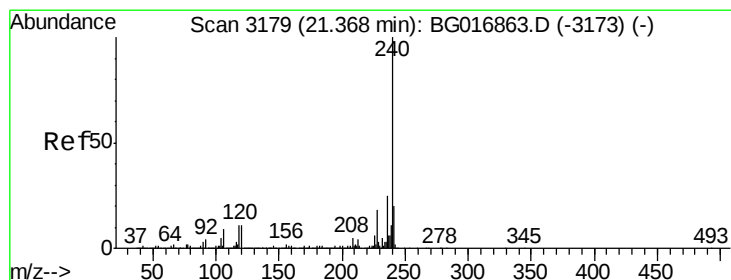
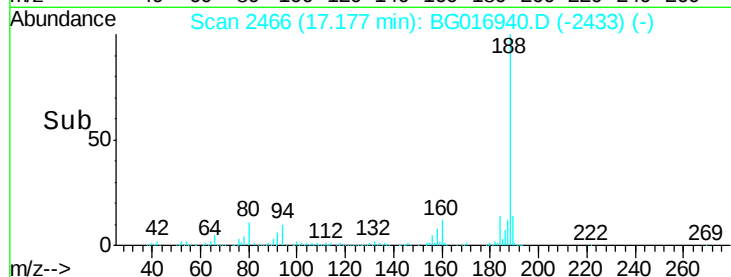
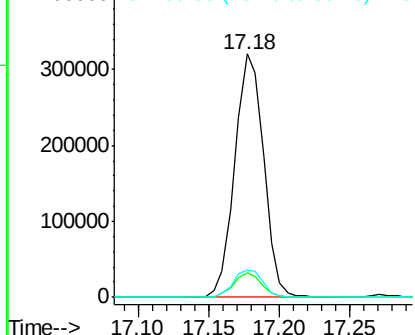
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016940.D
Acq: 8 May 2015 3:02

Instrument :
BNA_G
ClientSampleId :
5

Tot Ion:188 Resp: 458261
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.4 8.8 13.2

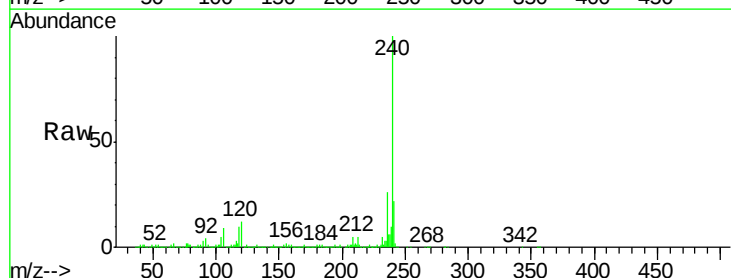


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

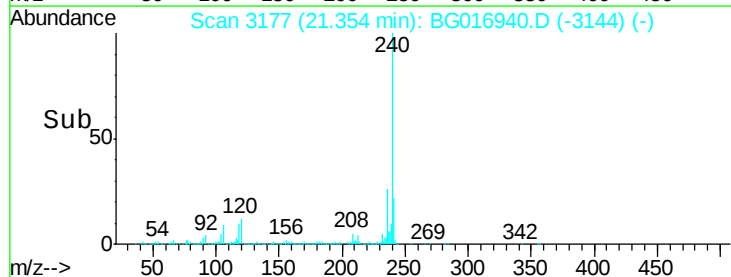
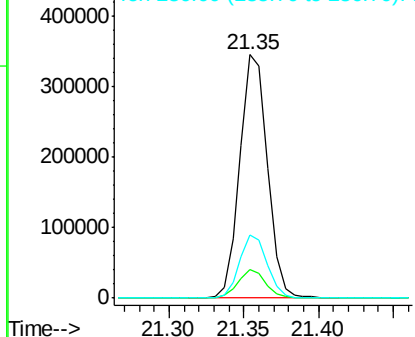


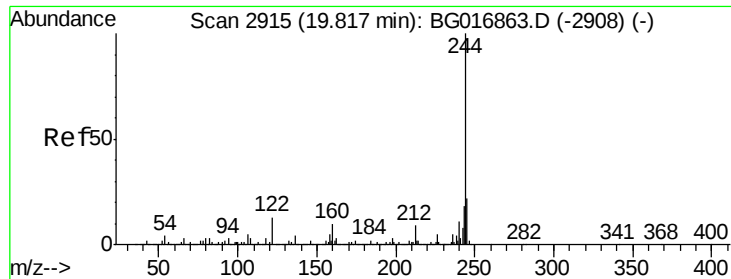
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG016940.D
Acq: 8 May 2015 3:02

Tgt Ion:240 Resp: 443766
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 25.7 20.2 30.4



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: 59.64 ng

RT: 19.81 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

Instrument :

BNA_G

ClientSampleId :

5

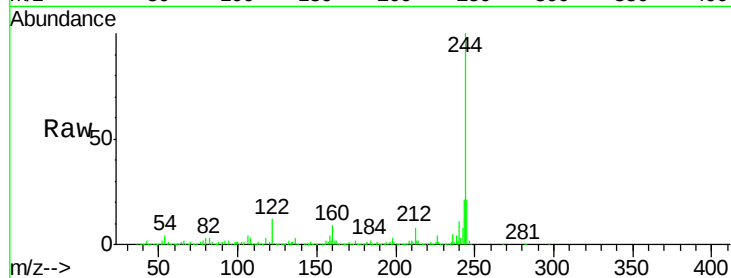
Tot Ion:244 Resp: 1128993

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

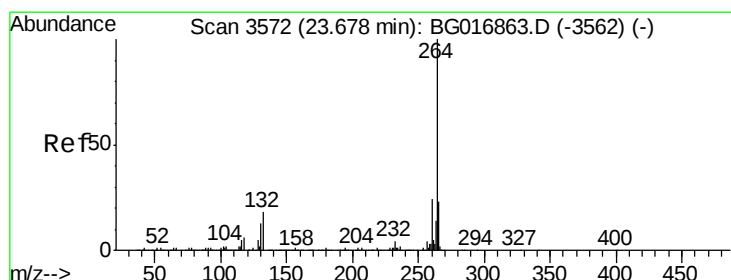
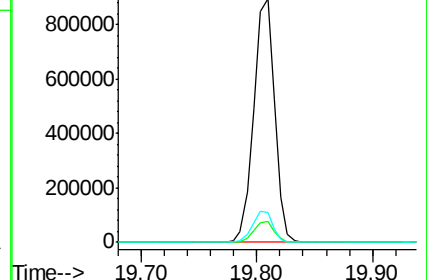
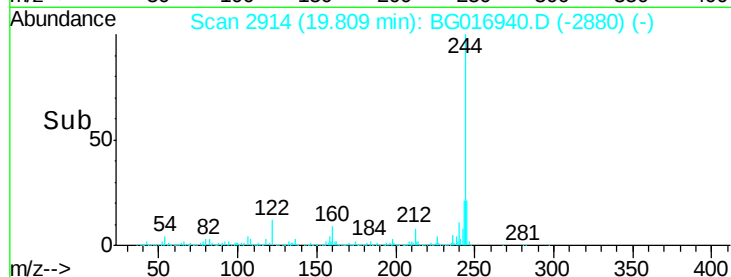
122 12.0 10.4 15.6



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: 23.66 min Scan# 3570

Delta R.T. 0.00 min

Lab File: BG016940.D

Acq: 8 May 2015 3:02

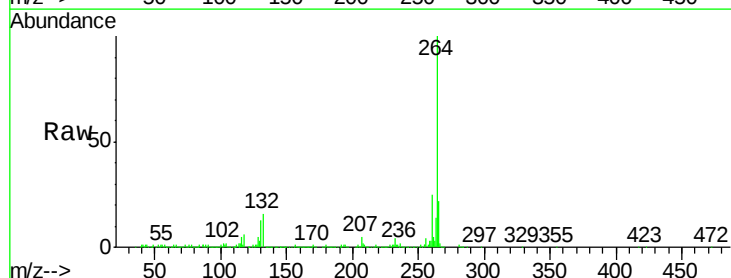
Tgt Ion:264 Resp: 440079

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.9 18.5 27.7



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

