

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016873.D
 Acq On : 5 May 2015 19:41
 Operator : TP/IZ
 Sample : G2117-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-035

Quant Time: May 06 03:32:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

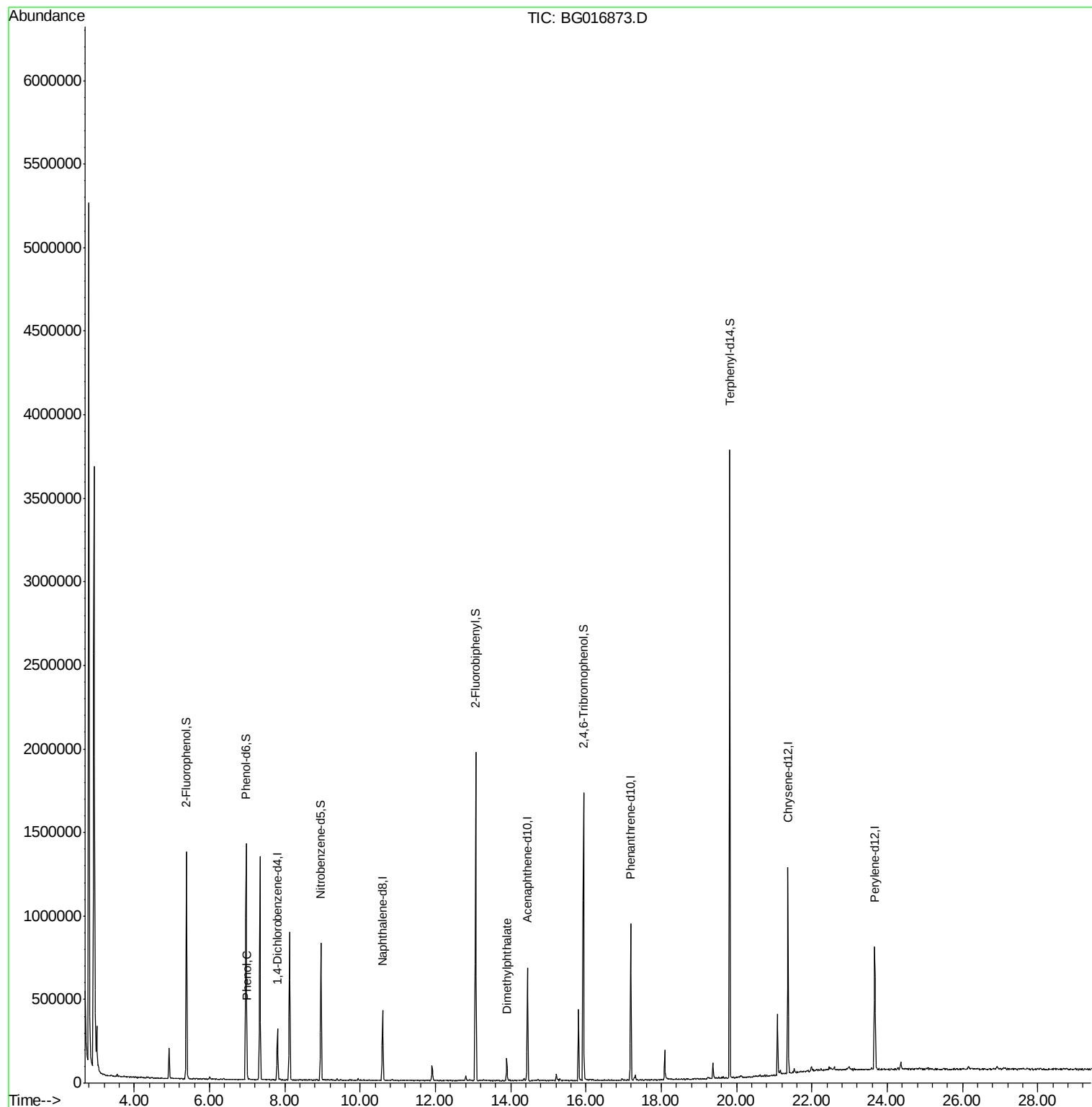
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	74083	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	314479	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	211058	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	485475	20.00	ng	0.00
75) Chrysene-d12	21.37	240	520189	20.00	ng	0.00
86) Perylene-d12	23.67	264	503279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	473862	111.38	ng	0.00
7) Phenol-d6	6.97	99	668290	109.94	ng	0.00
23) Nitrobenzene-d5	8.96	82	415294	64.51	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	242264	114.34	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	921427	65.88	ng	0.00
78) Terphenyl-d14	19.81	244	1487909	67.05	ng	0.00
Target Compounds						
10) Phenol	6.99	94	22246	3.41	ng	96
49) Dimethylphthalate	13.90	163	76021	4.82	ng	98

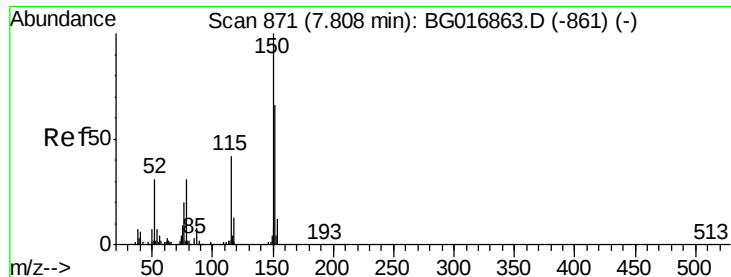
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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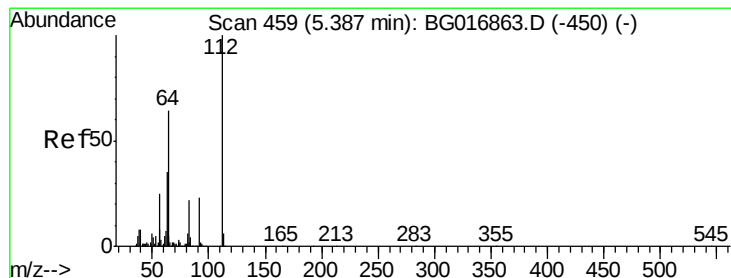
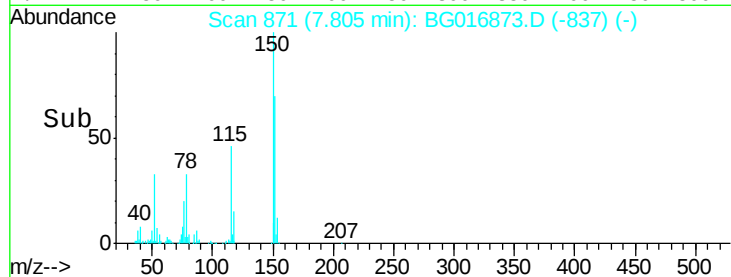
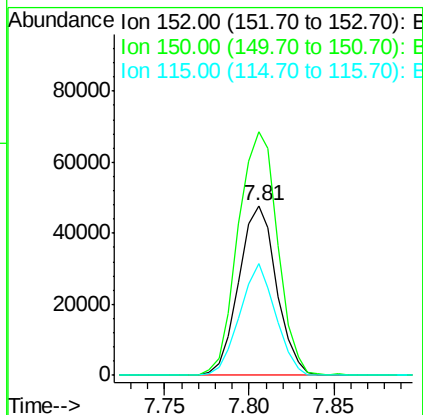
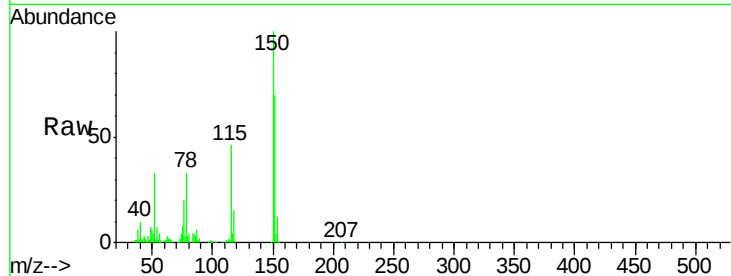


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

Instrument :
BNA_G
ClientSampleId :
FS-035

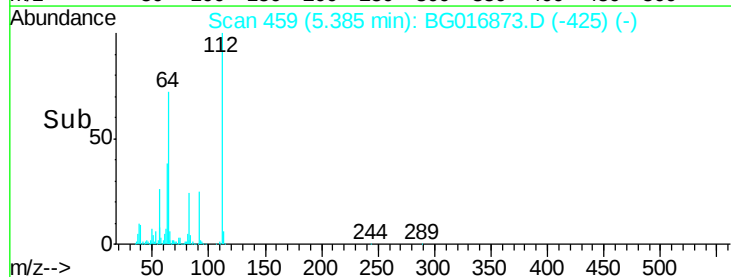
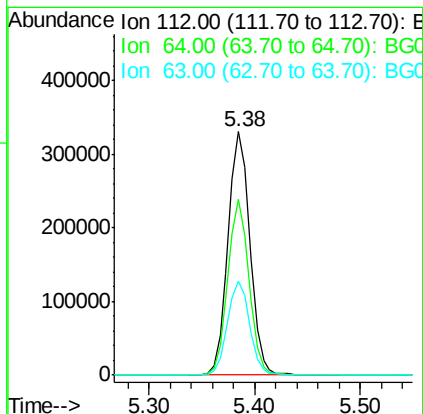
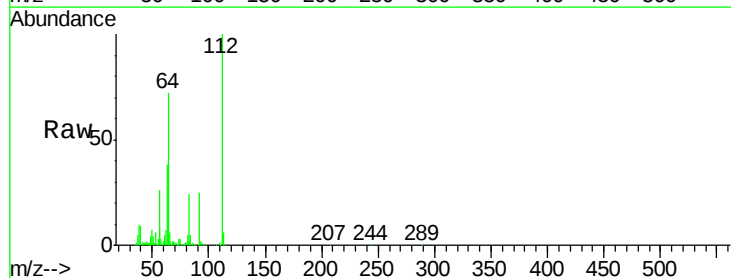
Tot Ion:152 Resp: 74083
Ion Ratio Lower Upper
152 100
150 143.5 121.0 181.4
115 65.6 50.5 75.7

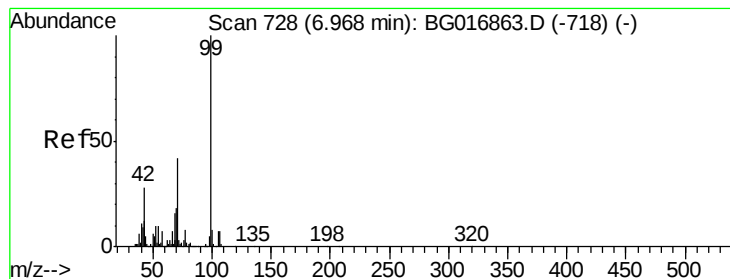


#5

2-Fluorophenol
Concen: 111.38 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

Tgt Ion:112 Resp: 473862
Ion Ratio Lower Upper
112 100
64 72.2 51.4 77.2
63 38.4 28.1 42.1





#7

Phenol-d6

Concen: 109.94 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016873.D

Acq: 5 May 2015 19:41

Instrument :

BNA_G

ClientSampled :

FS-035

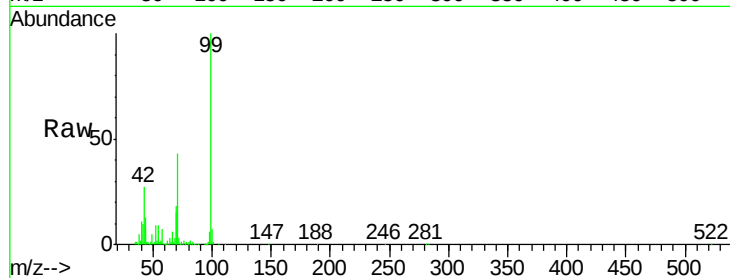
Tot Ion: 99 Resp: 668290

Ion Ratio Lower Upper

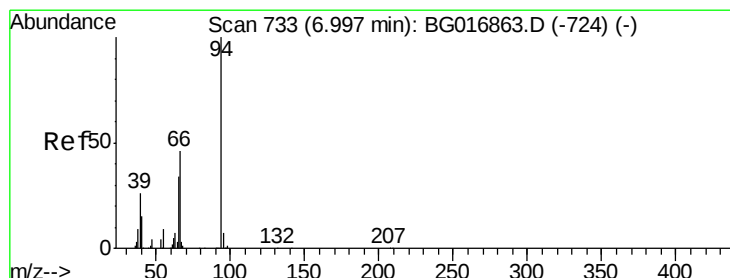
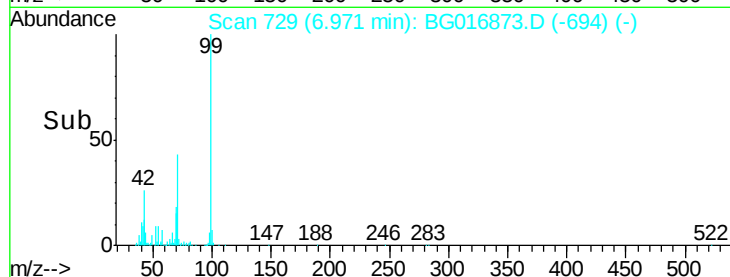
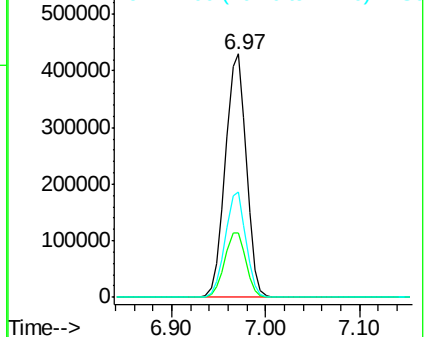
99 100

42 26.5 22.1 33.1

71 43.1 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



#10

Phenol

Concen: 3.41 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG016873.D

Acq: 5 May 2015 19:41

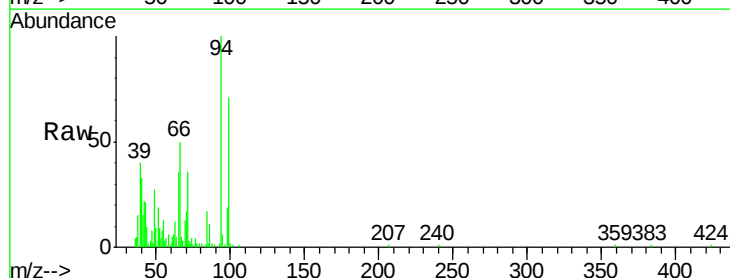
Tgt Ion: 94 Resp: 22246

Ion Ratio Lower Upper

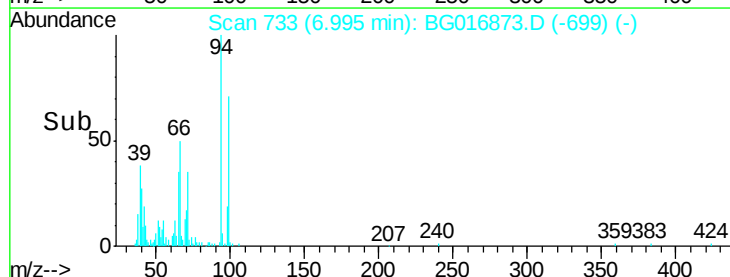
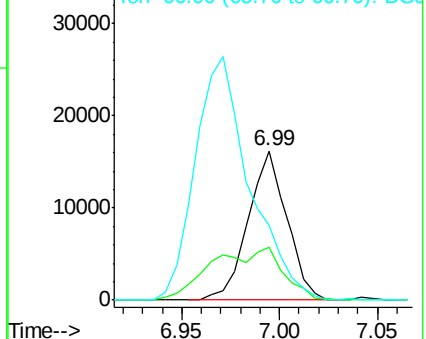
94 100

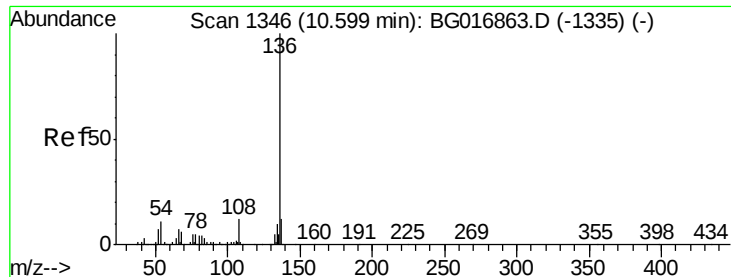
65 35.7 14.3 54.3

66 49.8 26.9 66.9



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

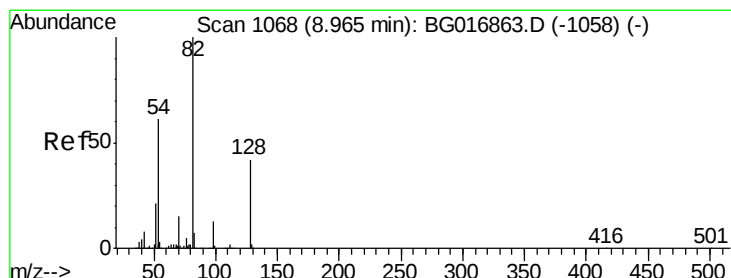
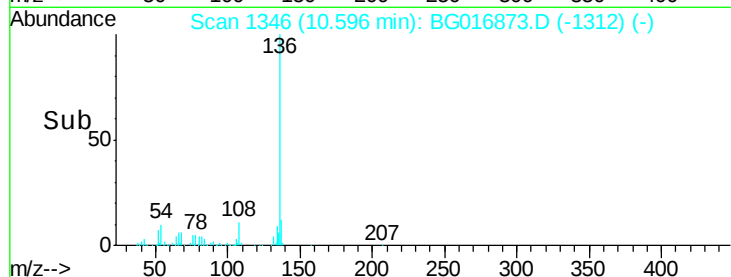
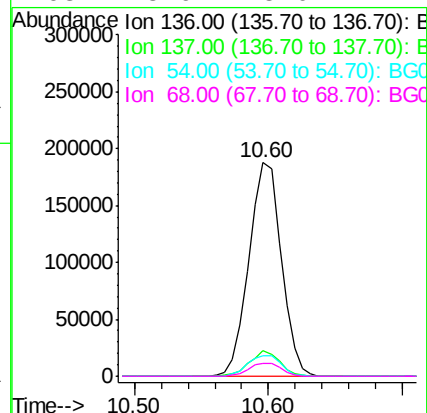
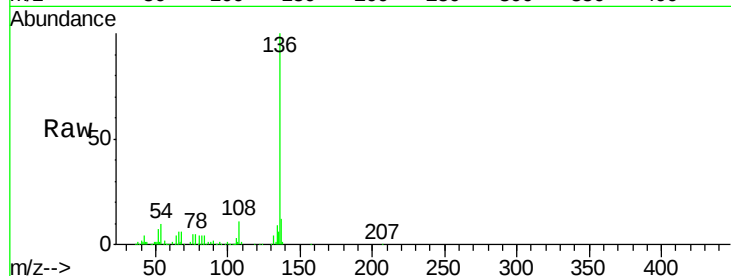




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

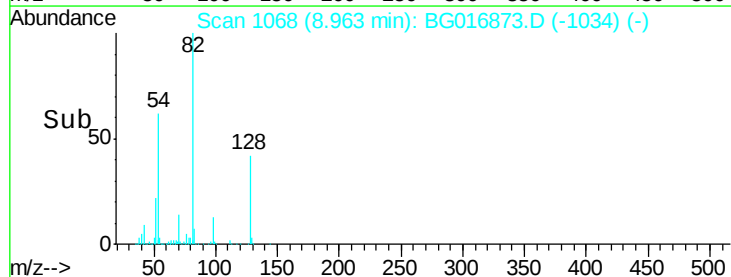
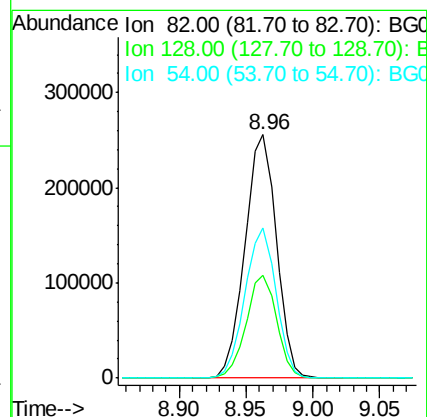
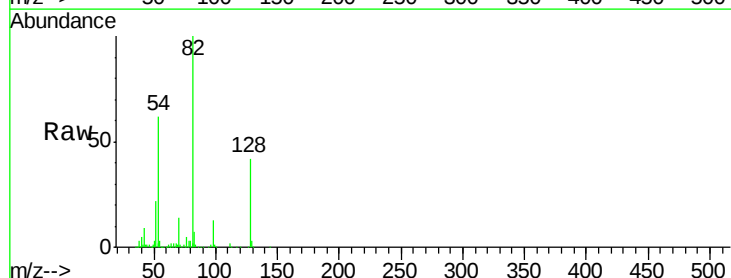
Instrument :
BNA_G
ClientSampleId :
FS-035

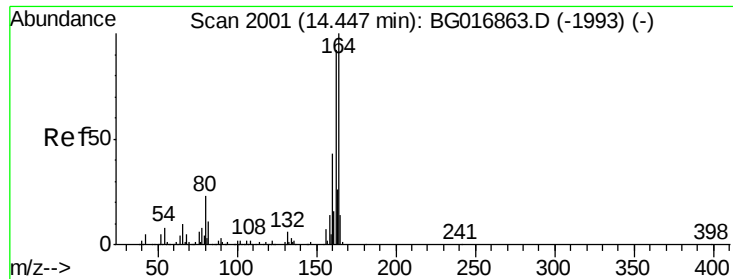
Tot Ion:136	Resp:	314479	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.8	14.8	
54 9.8	8.7	13.1	
68 5.9	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 64.51 ng
RT: 8.96 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

Tgt Ion: 82	Resp: 415294
Ion Ratio	Lower Upper
82 100	
128 42.0	33.2 49.8
54 61.8	48.6 72.8

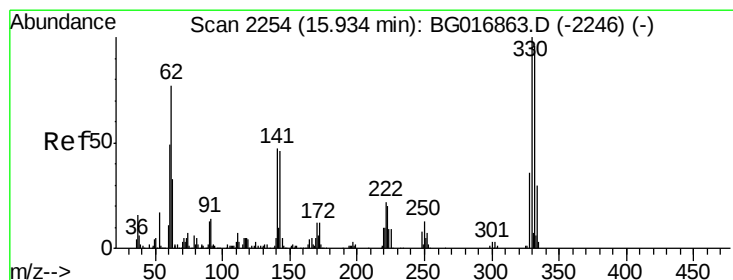
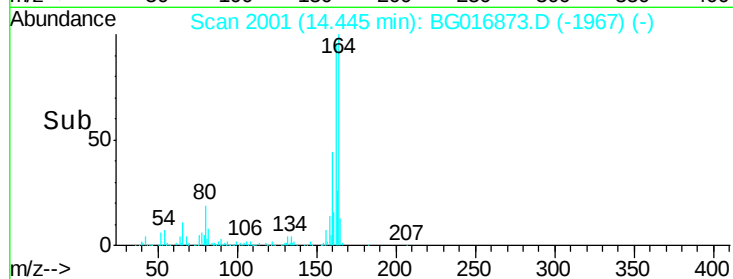
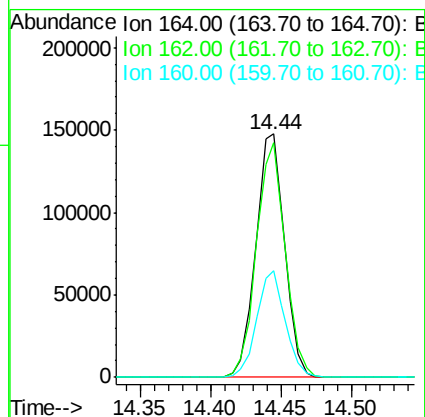
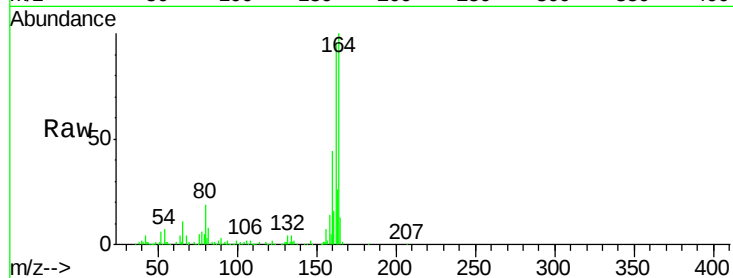




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

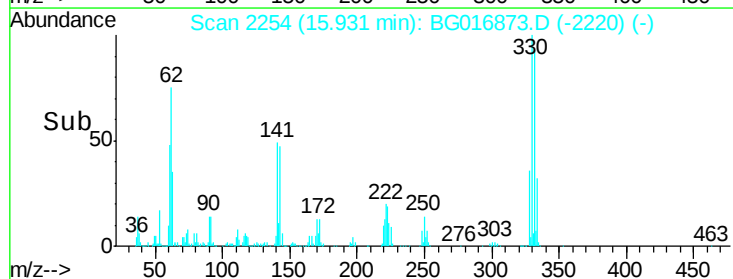
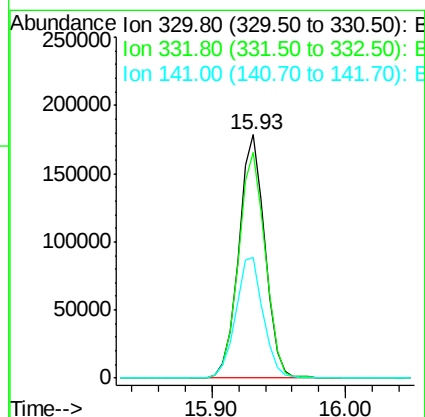
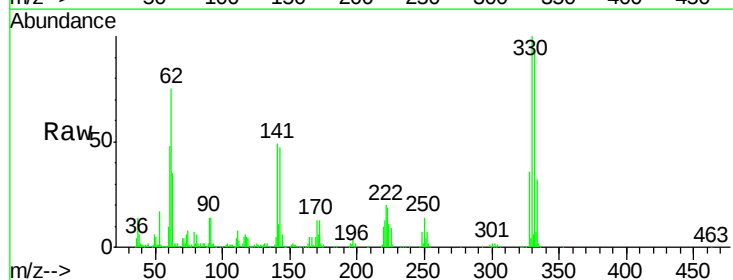
Instrument :
BNA_G
ClientSampleId :
FS-035

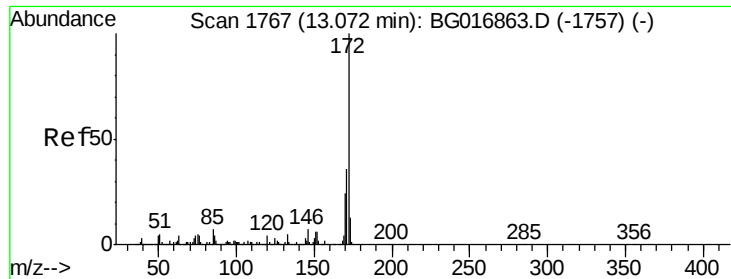
Tot Ion:164 Resp: 211058
Ion Ratio Lower Upper
164 100
162 96.1 74.0 111.0
160 43.8 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 114.34 ng
RT: 15.93 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

Tgt Ion:330 Resp: 242264
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 52.3 0.0 0.0#

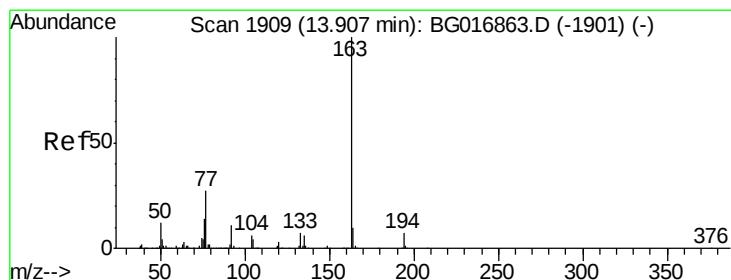
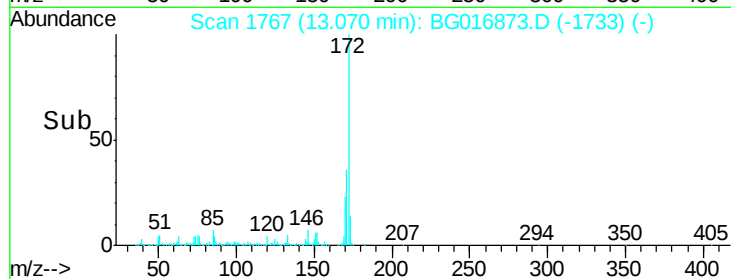
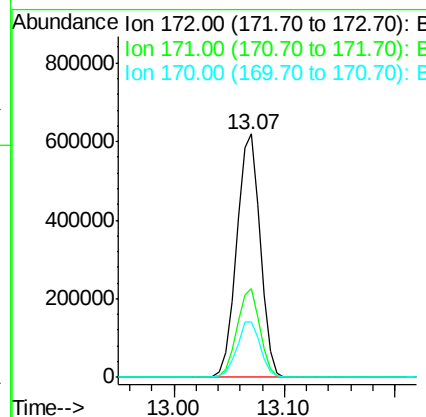
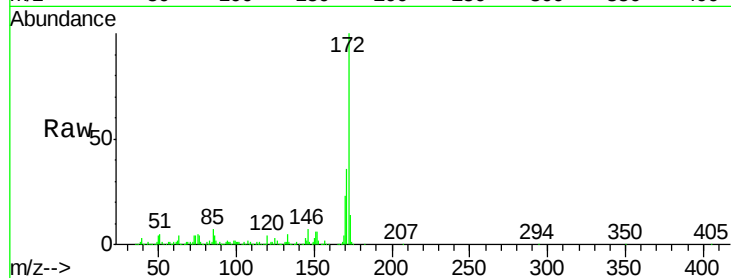




#44
2-Fluorobiphenyl
Concen: 65.88 ng
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

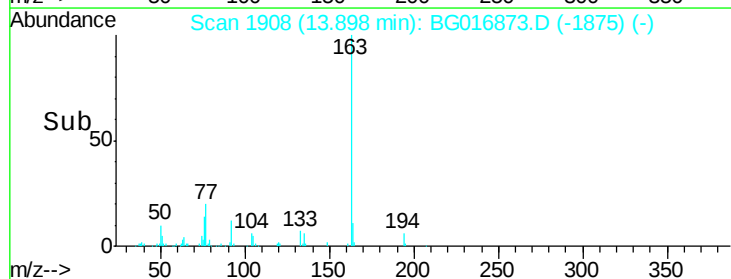
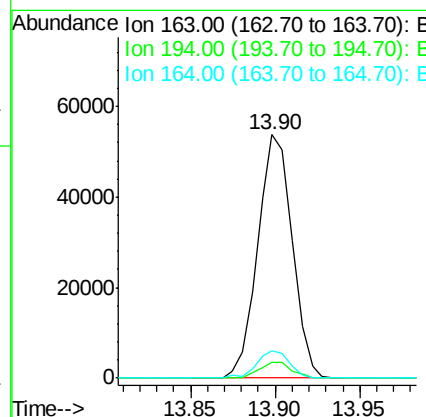
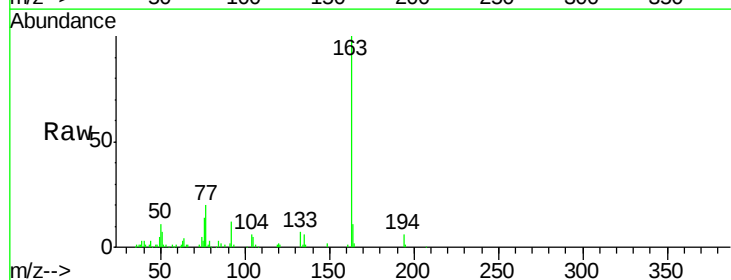
Instrument :
BNA_G
ClientSampleId :
FS-035

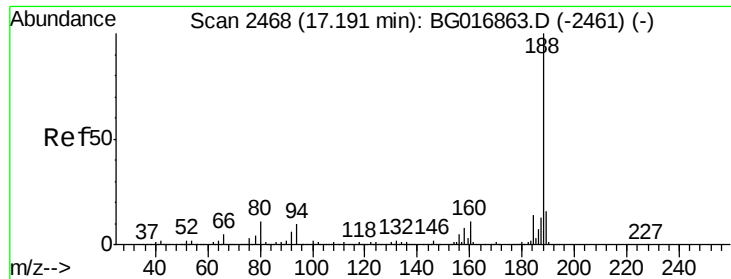
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	22.7	19.0	28.4



#49
Dimethylphthalate
Concen: 4.82 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016873.D
Acq: 5 May 2015 19:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.2	7.8
164	11.4	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG016873.D

Acq: 5 May 2015 19:41

Instrument :

BNA_G

ClientSampleId :

FS-035

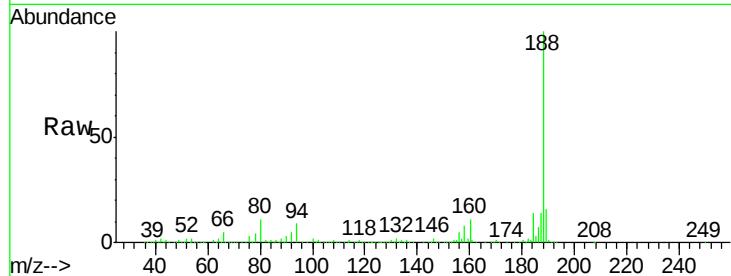
Tot Ion:188 Resp: 485475

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

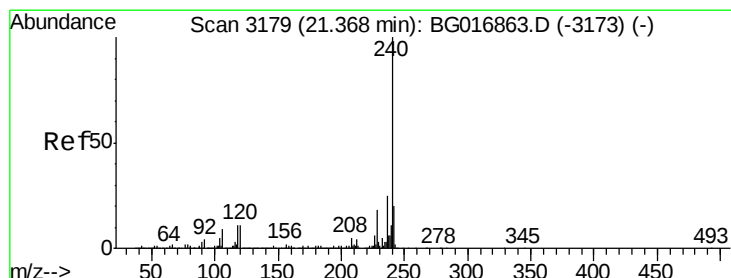
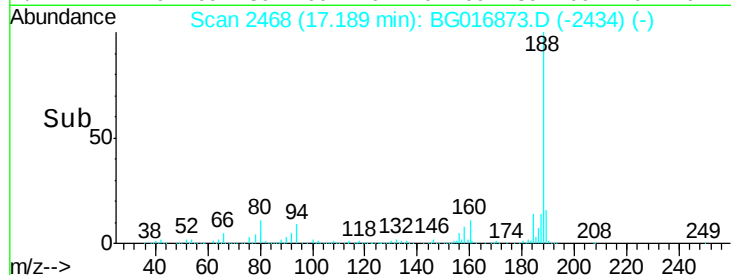
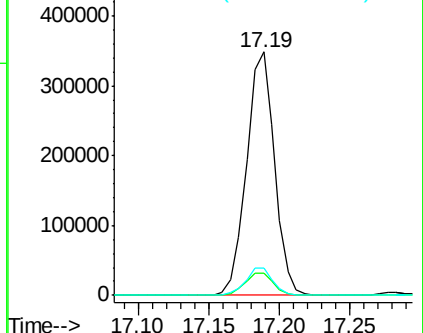
80 11.0 8.8 13.2



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: 21.37 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016873.D

Acq: 5 May 2015 19:41

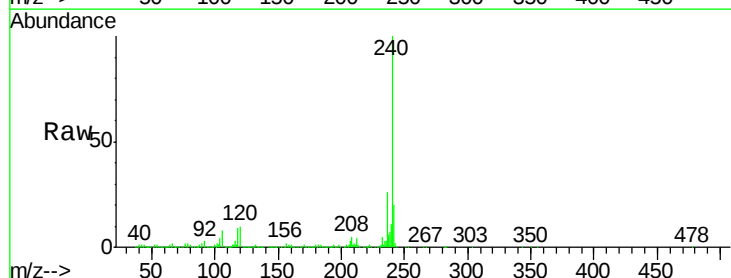
Tgt Ion:240 Resp: 520189

Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

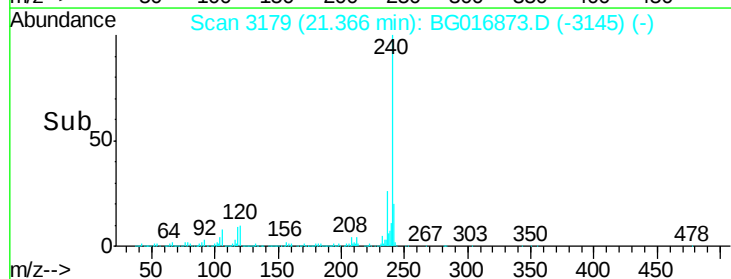
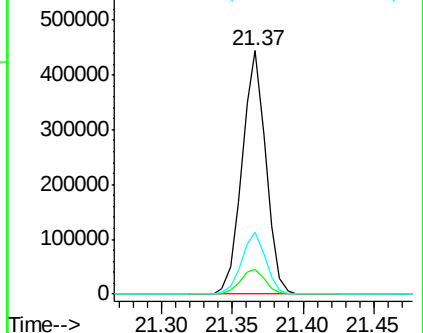
236 25.6 20.2 30.4

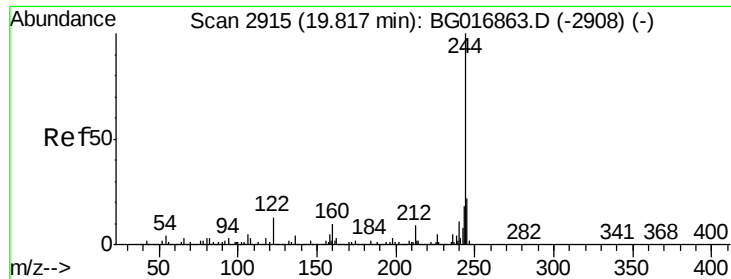


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.05 ng

RT: 19.81 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG016873.D

Acq: 5 May 2015 19:41

Instrument :

BNA_G

ClientSampled :

FS-035

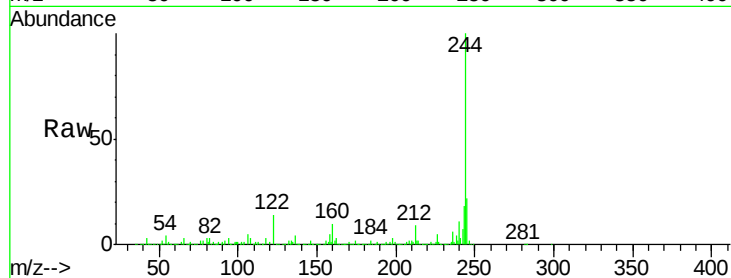
Tot Ion:244 Resp: 1487909

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

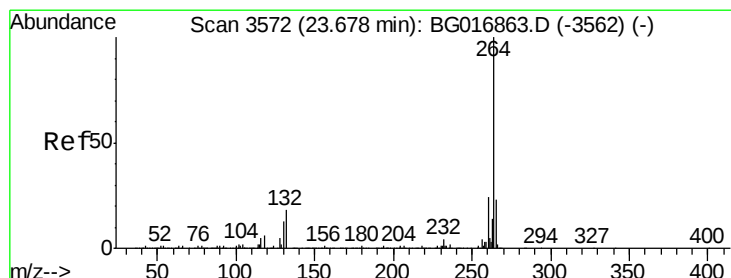
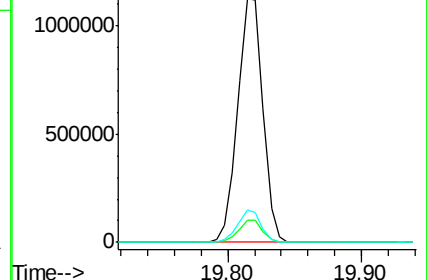
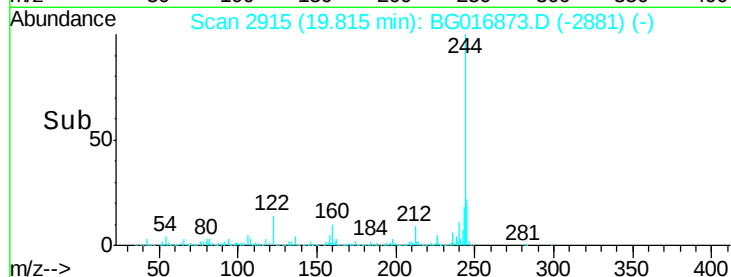
122 13.5 10.4 15.6



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: 23.67 min Scan# 3571

Delta R.T. -0.01 min

Lab File: BG016873.D

Acq: 5 May 2015 19:41

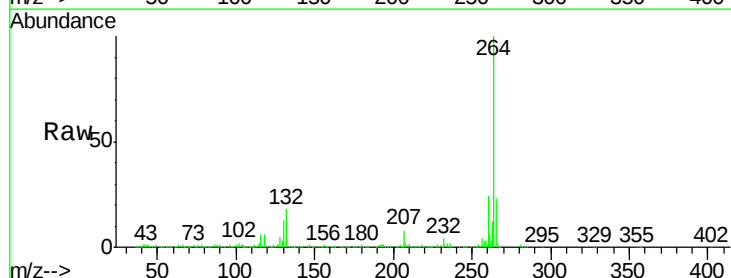
Tgt Ion:264 Resp: 503279

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 23.2 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

