

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016515.D
 Acq On : 18 Apr 2015 9:29
 Operator : TP/IZ
 Sample : G1855-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB14A

Quant Time: Apr 20 02:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

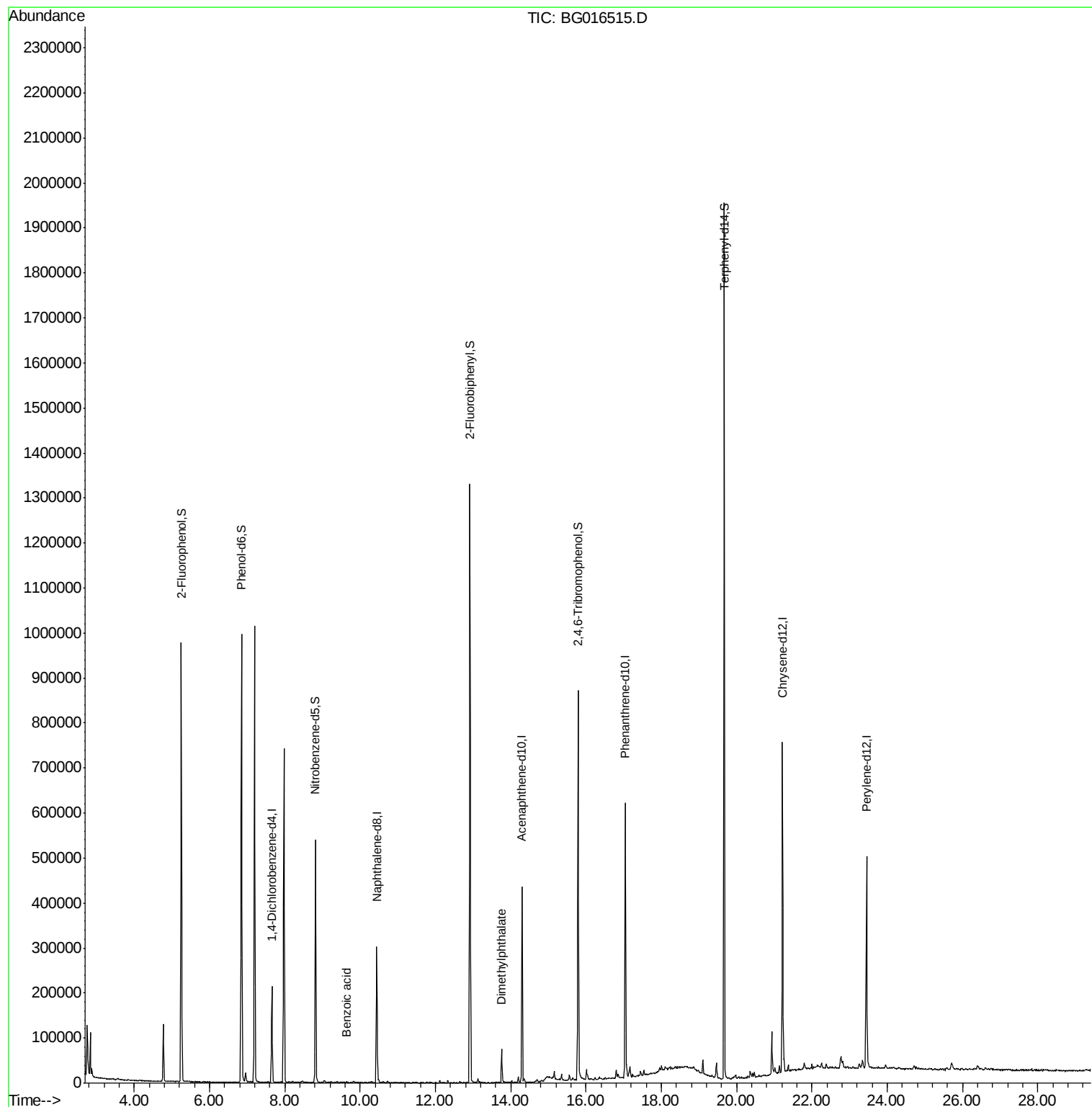
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	60451	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	261645	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	149022	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	324554	20.00	ng	0.00
75) Chrysene-d12	21.22	240	289531	20.00	ng	-0.01
86) Perylene-d12	23.45	264	274019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	458090	119.59	ng	0.00
7) Phenol-d6	6.85	99	642714	111.77	ng	0.00
23) Nitrobenzene-d5	8.82	82	317870	70.38	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	116750	115.84	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	656328	74.99	ng	0.00
78) Terphenyl-d14	19.67	244	753300	60.89	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	876	8.99	ng	Qvalue # 16
49) Dimethylphthalate	13.76	163	52038	4.76	ng	99

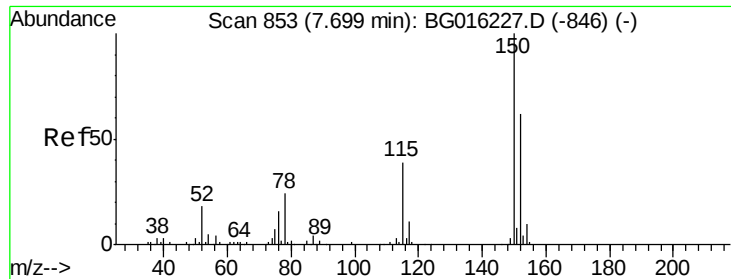
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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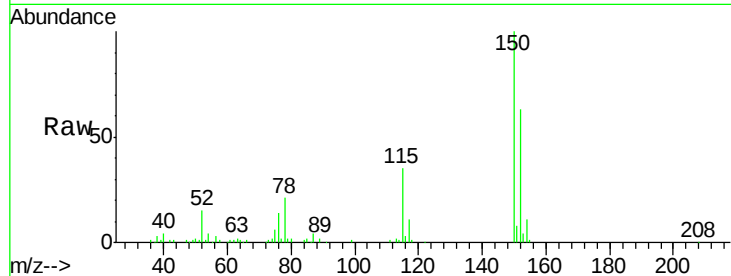


#1

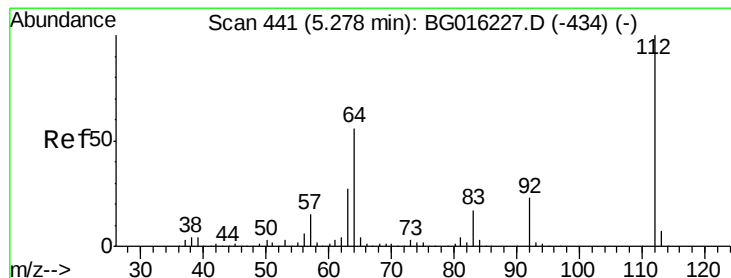
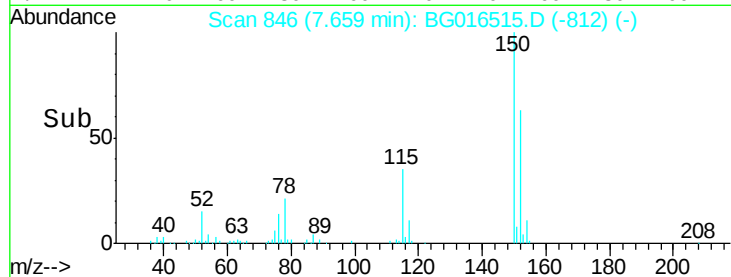
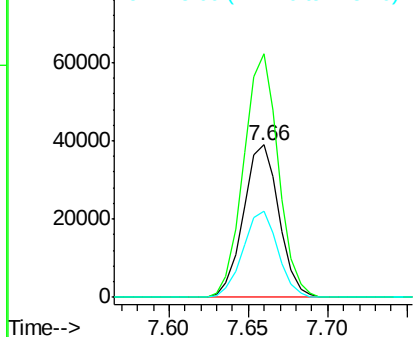
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG016515.D
 Acq: 18 Apr 2015 9:29

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB14A

Tgt Ion:152 Resp: 60451
 Ion Ratio Lower Upper
 152 100
 150 159.4 130.1 195.1
 115 56.5 50.5 75.7



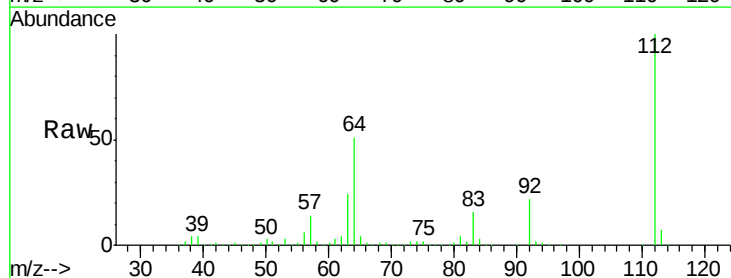
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



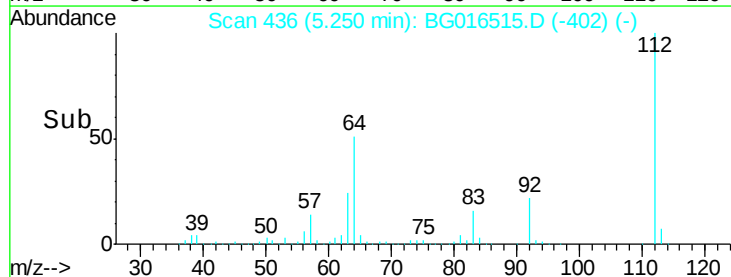
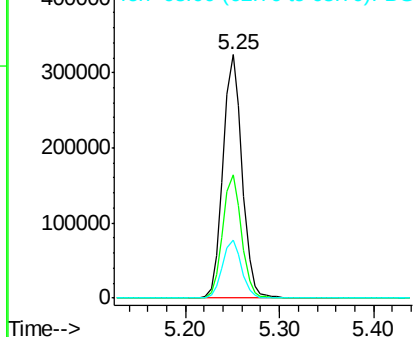
#5

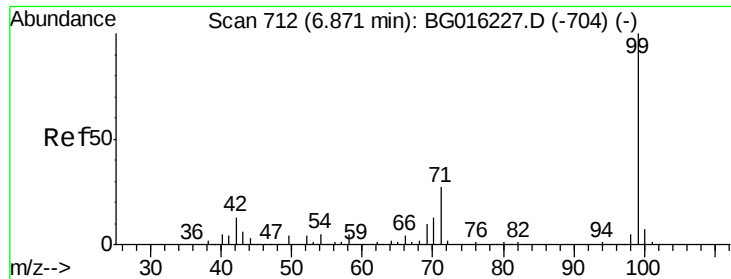
2-Fluorophenol
 Concen: 119.59 ng
 RT: 5.25 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BG016515.D
 Acq: 18 Apr 2015 9:29

Tgt Ion:112 Resp: 458090
 Ion Ratio Lower Upper
 112 100
 64 50.6 44.5 66.7
 63 23.9 21.4 32.0



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: 111.77 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016515.D

Acq: 18 Apr 2015 9:29

Instrument :

BNA_G

ClientSampleId :

LS-SB14A

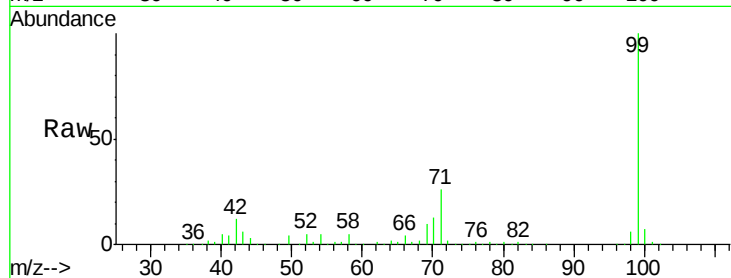
Tgt Ion: 99 Resp: 642714

Ion Ratio Lower Upper

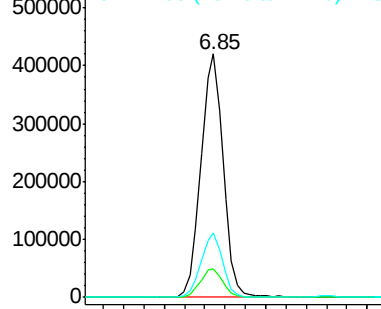
99 100

42 12.0 10.0 15.0

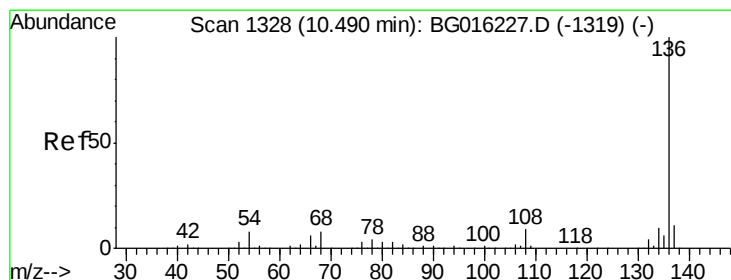
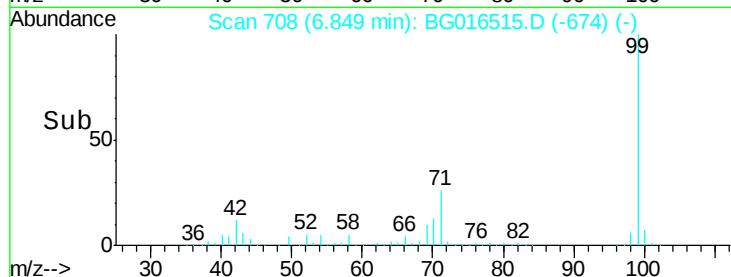
71 26.3 21.5 32.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016515.D

Acq: 18 Apr 2015 9:29

Tgt Ion: 136 Resp: 261645

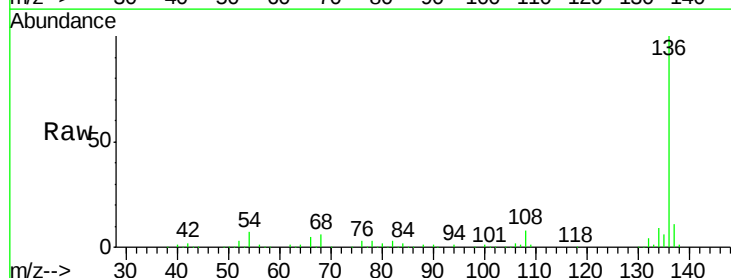
Ion Ratio Lower Upper

136 100

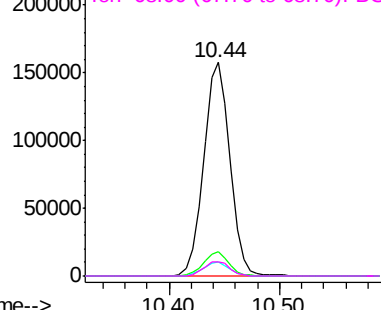
137 11.1 8.7 13.1

54 6.5 6.3 9.5

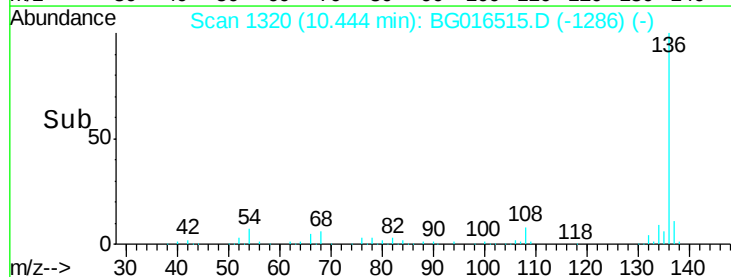
68 6.5 6.5 9.7

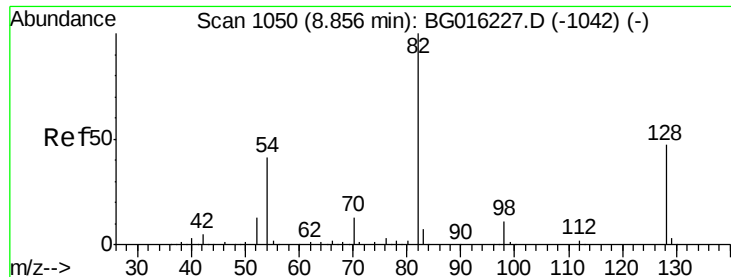


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

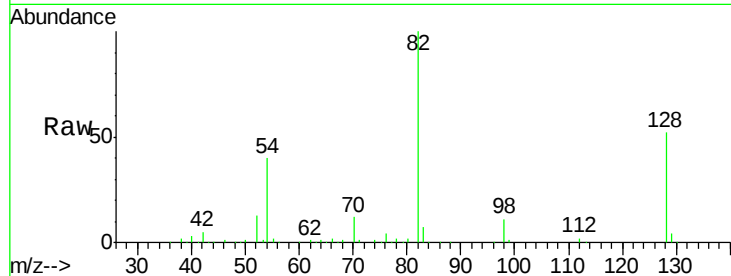




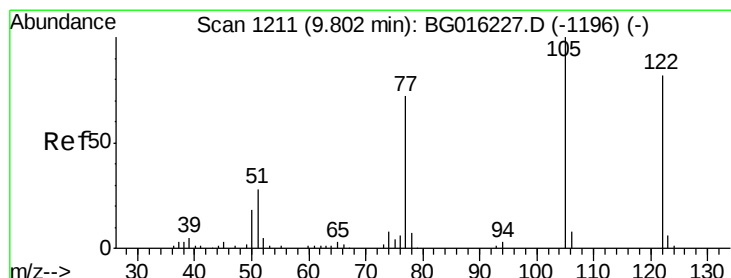
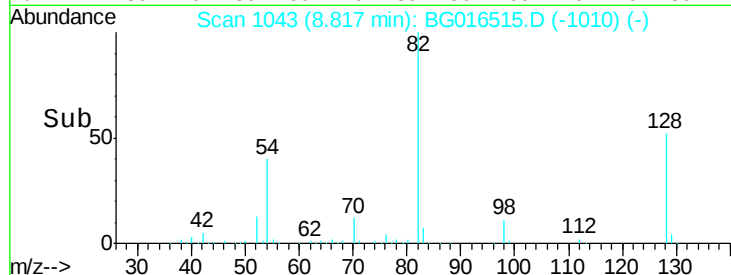
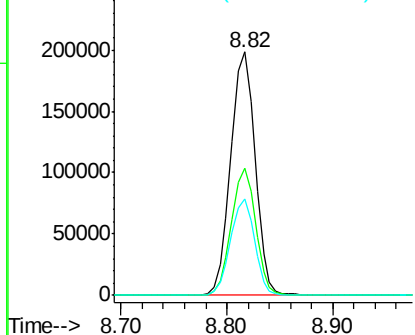
#23
Nitrobenzene-d5
Concen: 70.38 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG016515.D
Acq: 18 Apr 2015 9:29

Instrument :
BNA_G
ClientSampleId :
LS-SB14A

Tgt Ion: 82 Resp: 317870
Ion Ratio Lower Upper
82 100
128 52.1 37.8 56.8
54 39.5 32.6 49.0

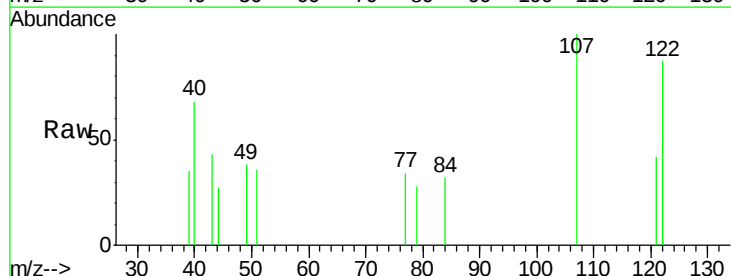


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

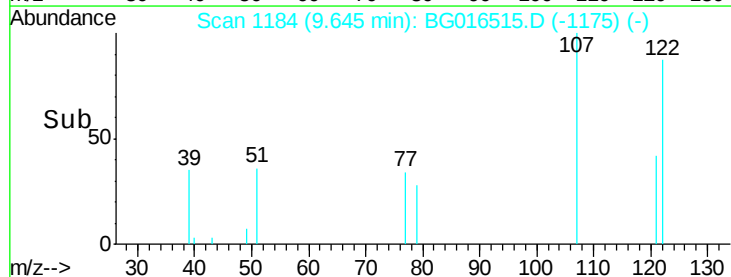
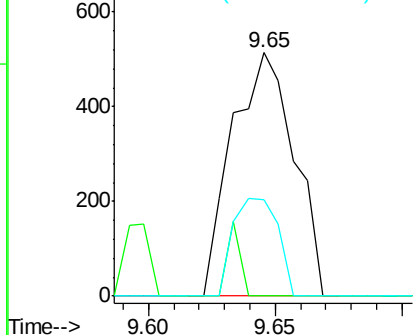


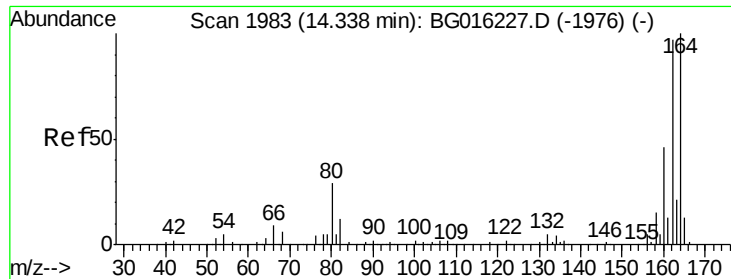
#32
Benzoic acid
Concen: 8.99 ng
RT: 9.65 min Scan# 1184
Delta R.T. -0.15 min
Lab File: BG016515.D
Acq: 18 Apr 2015 9:29

Tgt Ion: 122 Resp: 876
Ion Ratio Lower Upper
122 100
105 0.0 99.7 139.7#
77 39.7 66.8 106.8#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG016515.D

Acq: 18 Apr 2015 9:29

Instrument :

BNA_G

ClientSampleId :

LS-SB14A

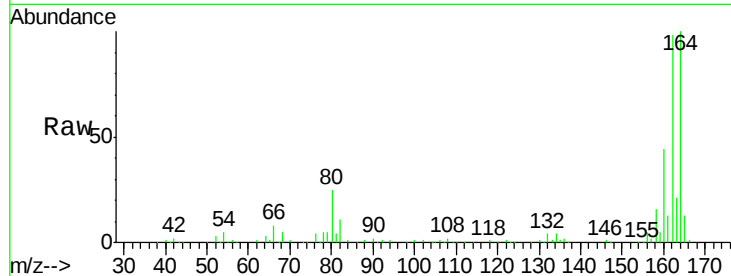
Tgt Ion:164 Resp: 149022

Ion Ratio Lower Upper

164 100

162 97.9 77.3 115.9

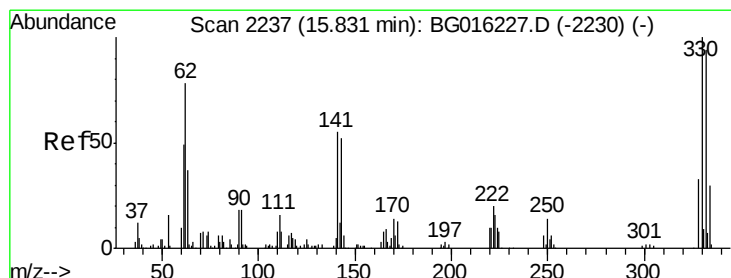
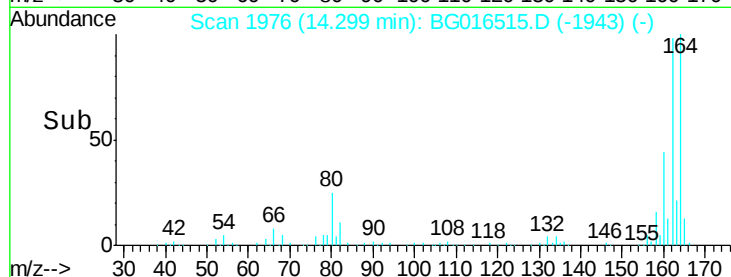
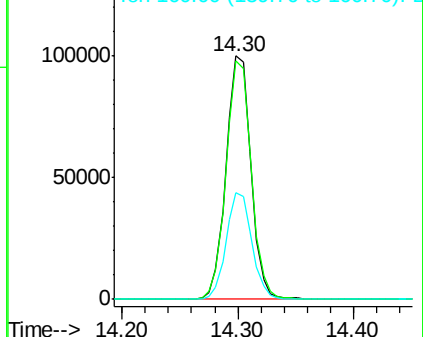
160 43.6 36.7 55.1



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: 115.84 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG016515.D

Acq: 18 Apr 2015 9:29

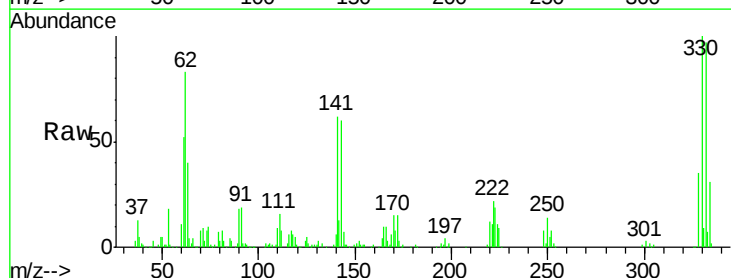
Tgt Ion:330 Resp: 116750

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

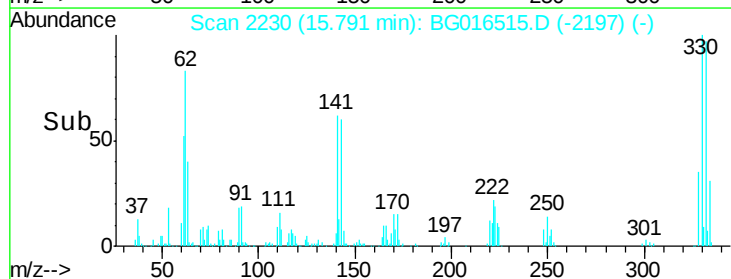
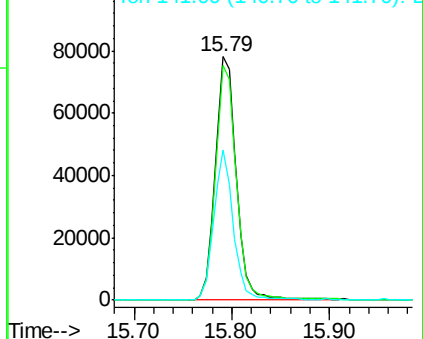
141 57.1 46.6 69.8

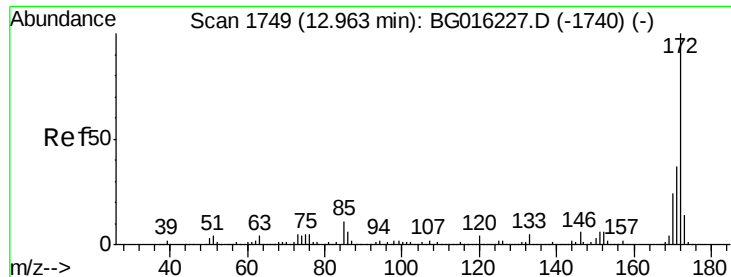


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

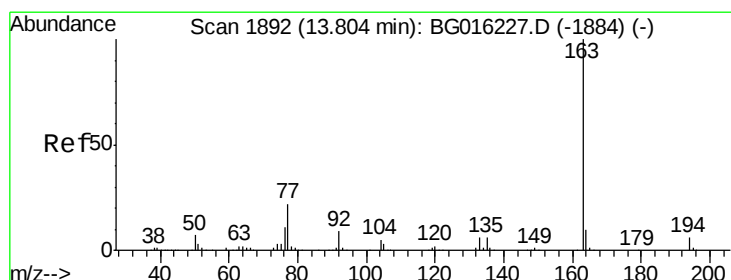
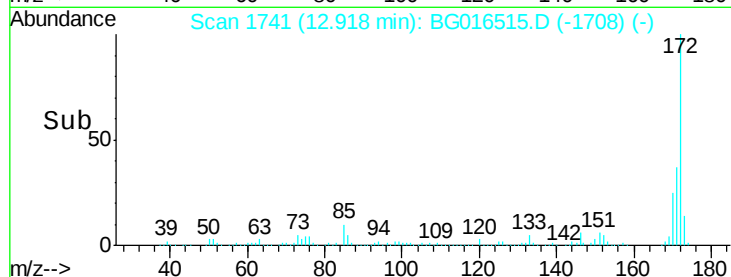
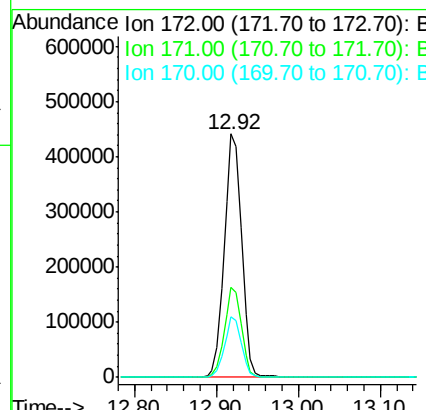
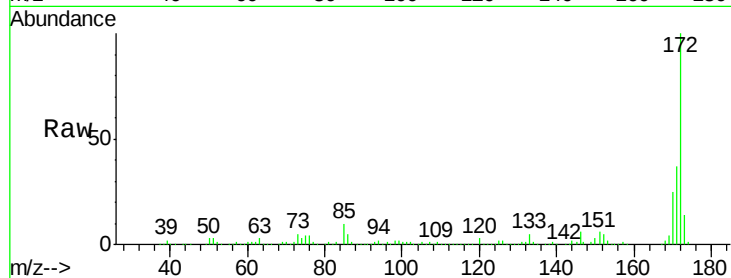




#44
 2-Fluorobiphenyl
 Concen: 74.99 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016515.D
 Acq: 18 Apr 2015 9:29

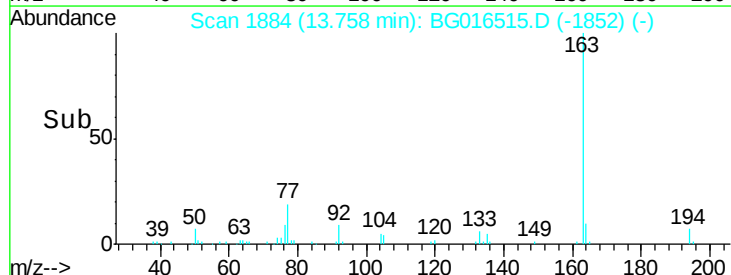
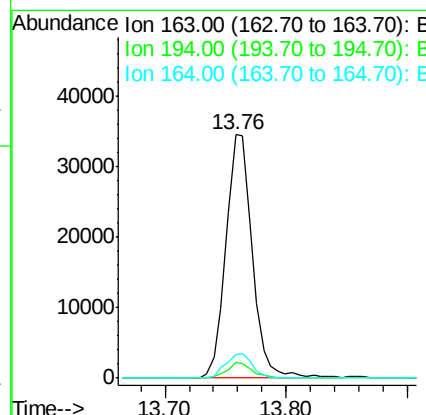
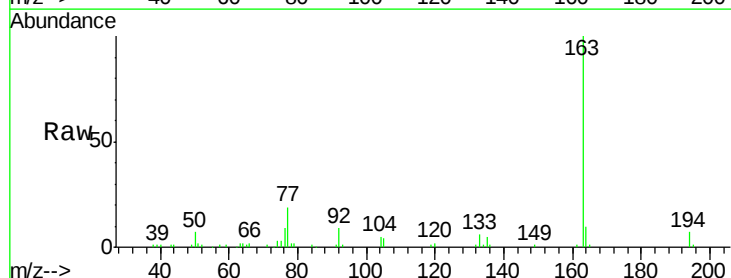
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB14A

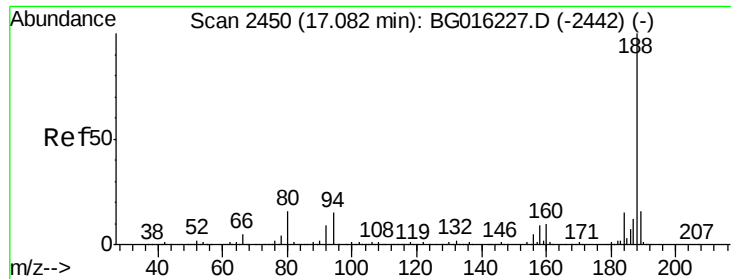
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.6	19.4	29.2



#49
 Dimethylphthalate
 Concen: 4.76 ng
 RT: 13.76 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG016515.D
 Acq: 18 Apr 2015 9:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.0	7.4
164	9.7	8.2	12.4

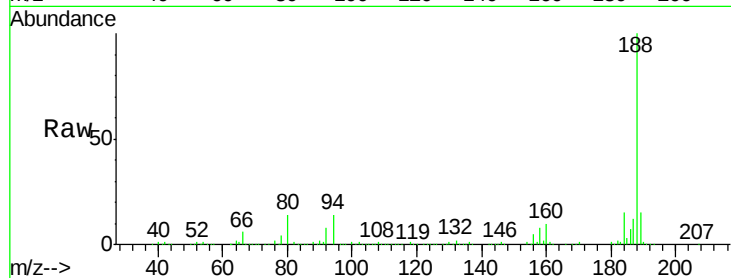




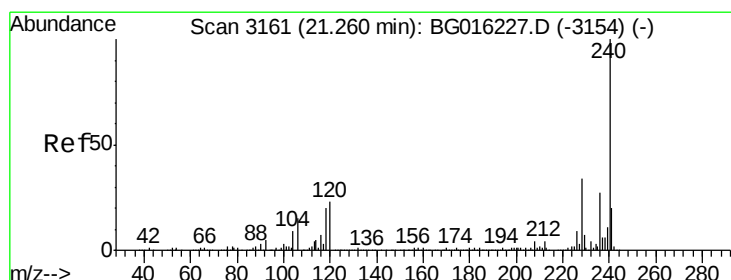
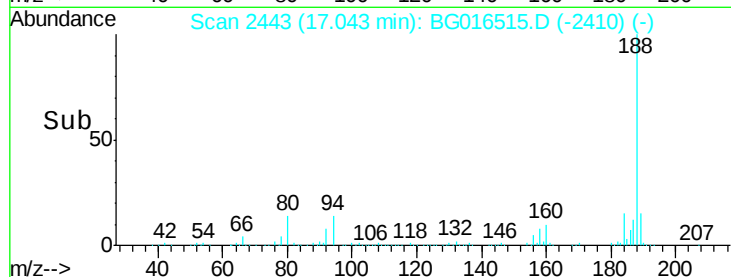
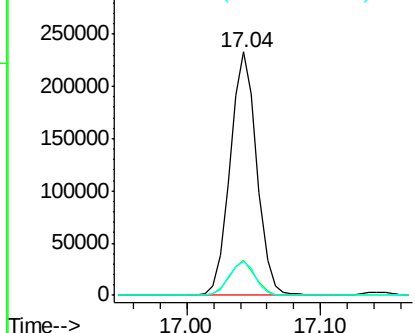
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG016515.D
Acq: 18 Apr 2015 9:29

Instrument :
BNA_G
ClientSampleId :
LS-SB14A

Tgt Ion:188 Resp: 324554
Ion Ratio Lower Upper
188 100
94 14.2 12.2 18.4
80 14.0 12.8 19.2

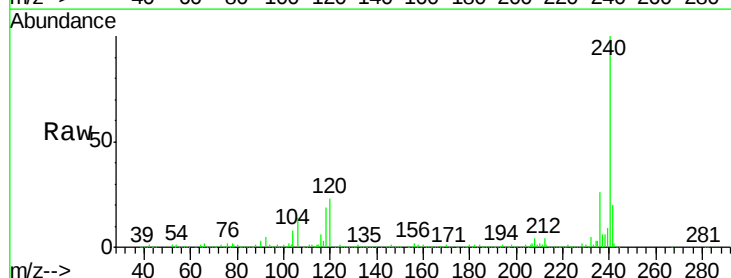


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

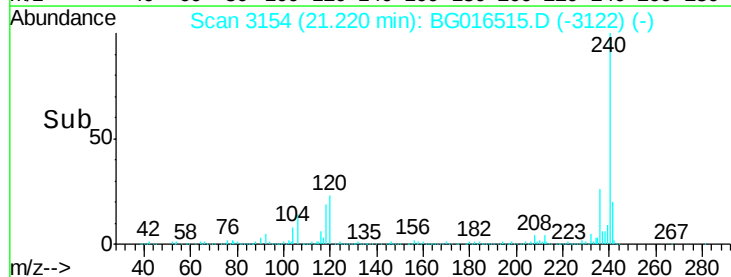
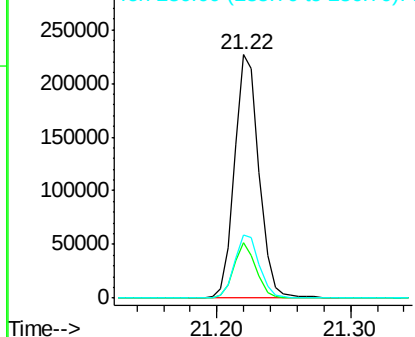


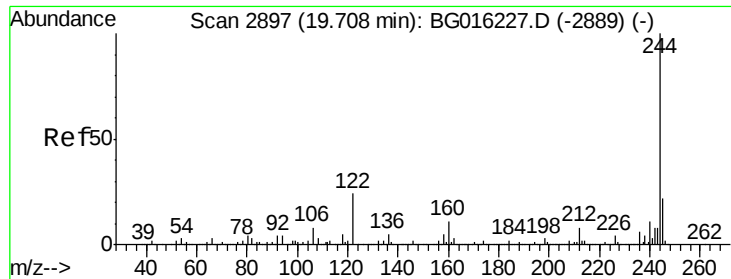
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG016515.D
Acq: 18 Apr 2015 9:29

Tgt Ion:240 Resp: 289531
Ion Ratio Lower Upper
240 100
120 22.6 18.6 28.0
236 26.1 21.7 32.5



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: 60.89 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016515.D

Acq: 18 Apr 2015 9:29

Instrument :

BNA_G

ClientSampleId :

LS-SB14A

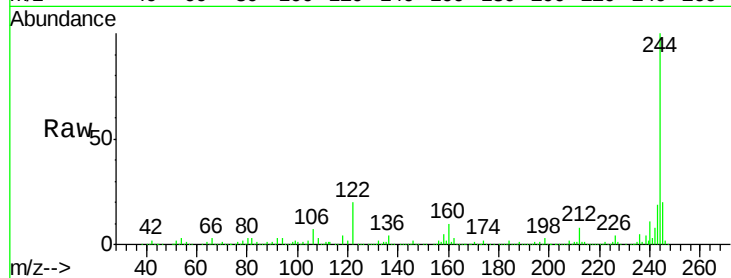
Tgt Ion:244 Resp: 753300

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

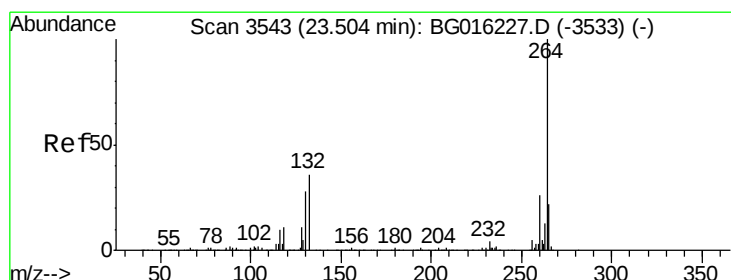
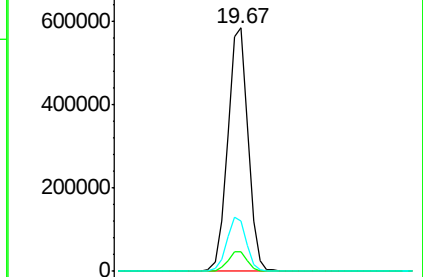
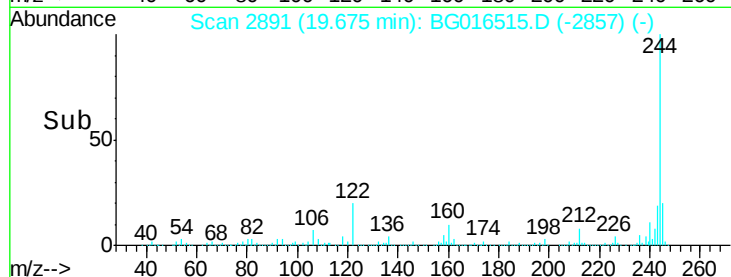
122 20.4 19.1 28.7



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: 23.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG016515.D

Acq: 18 Apr 2015 9:29

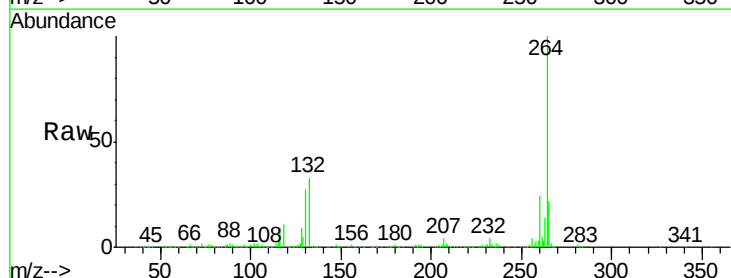
Tgt Ion:264 Resp: 274019

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

265 21.7 17.2 25.8



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

