

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016387.D
 Acq On : 14 Apr 2015 8:21
 Operator : TP/IZ
 Sample : G1831-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-11

Quant Time: Apr 14 14:26:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

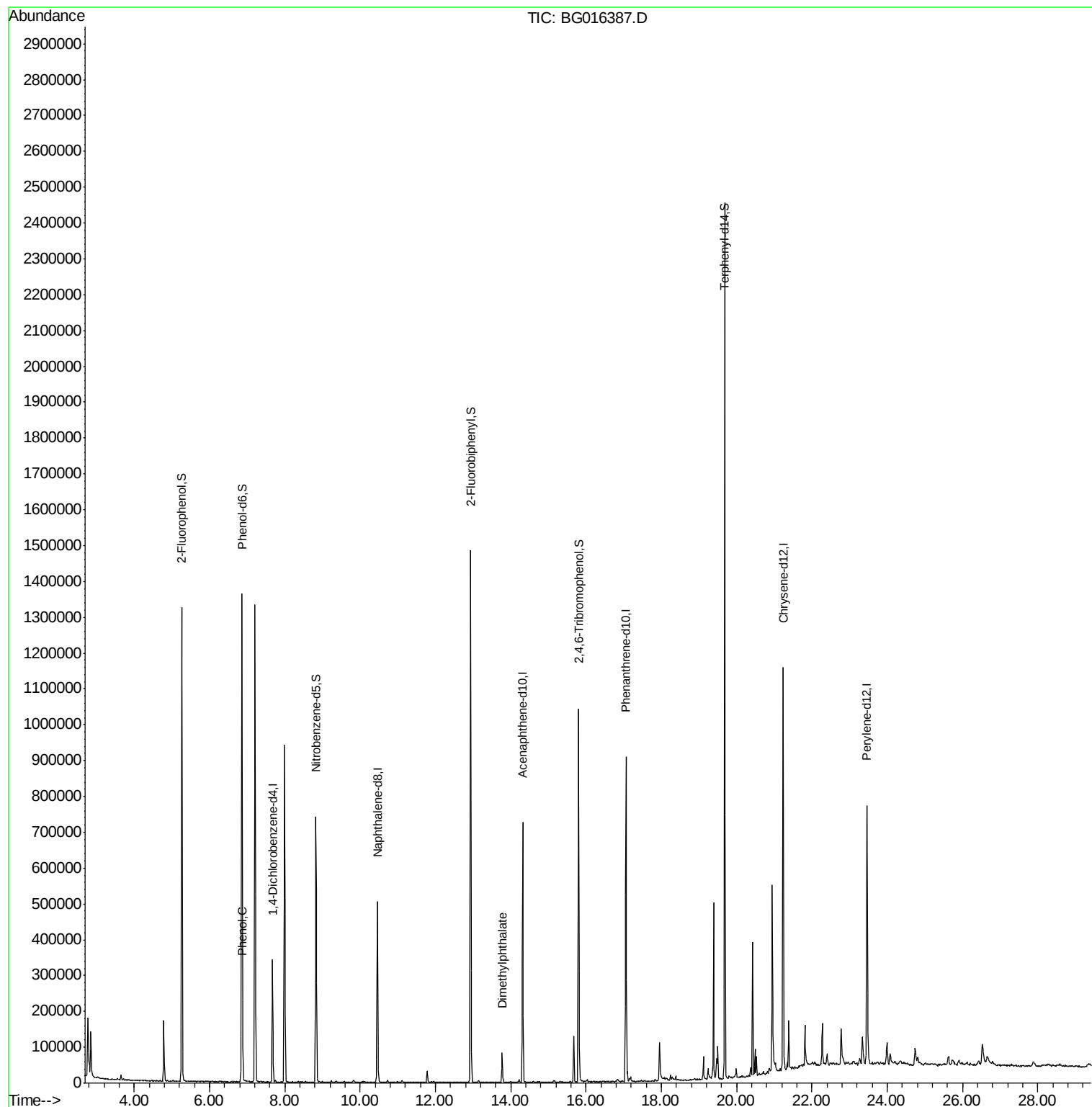
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	95912	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	424917	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	237282	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	484533	20.00	ng	0.00
75) Chrysene-d12	21.24	240	450558	20.00	ng	0.00
86) Perylene-d12	23.47	264	425703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	607637	99.98	ng	0.00
7) Phenol-d6	6.86	99	860967	94.37	ng	0.00
23) Nitrobenzene-d5	8.83	82	449227	61.24	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	144923	90.31	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	748197	53.69	ng	0.00
78) Terphenyl-d14	19.69	244	862940	44.83	ng	0.00
Target Compounds						
10) Phenol	6.88	94	24005	2.46	ng	93
49) Dimethylphthalate	13.78	163	53608	3.08	ng	97

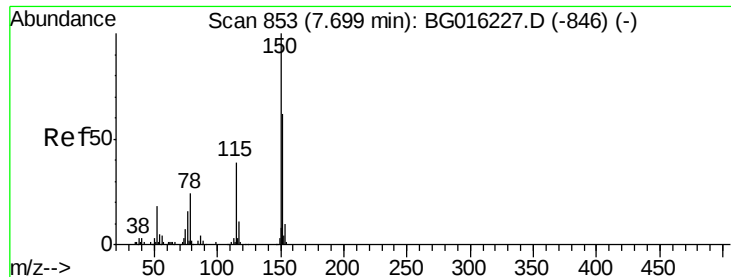
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

Instrument :

BNA_G

ClientSampleId :

PE-11

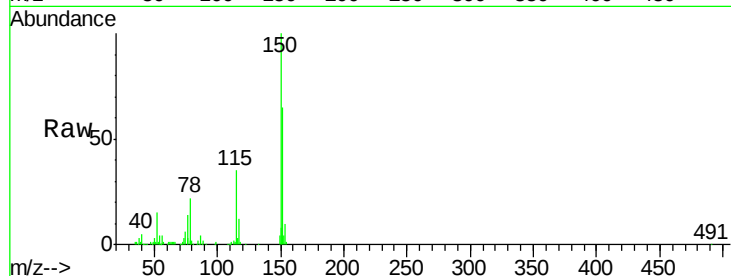
Tgt Ion:152 Resp: 95912

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

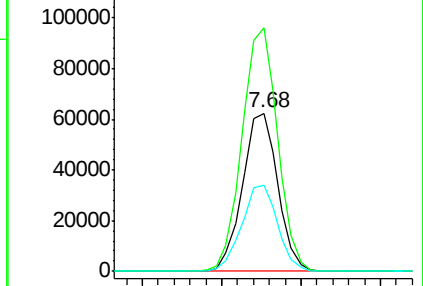
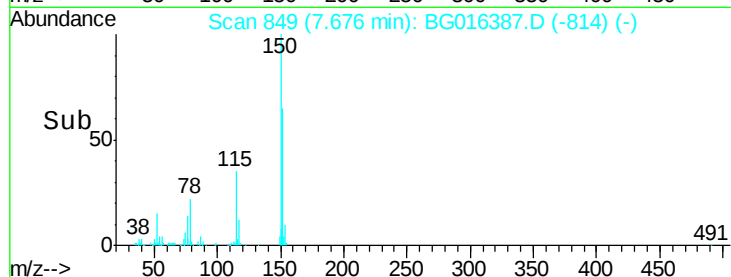
115 54.5 50.5 75.7



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: 99.98 ng

RT: 5.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

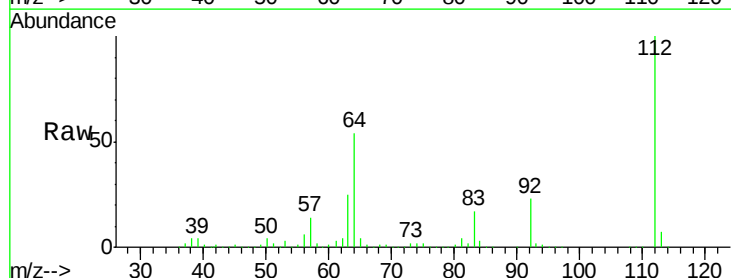
Tgt Ion:112 Resp: 607637

Ion Ratio Lower Upper

112 100

64 54.0 44.5 66.7

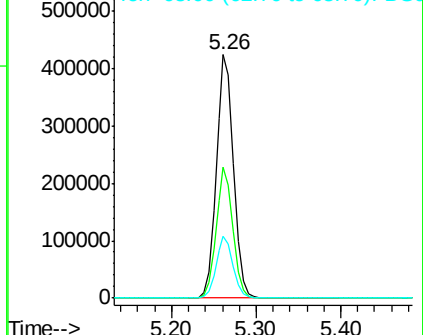
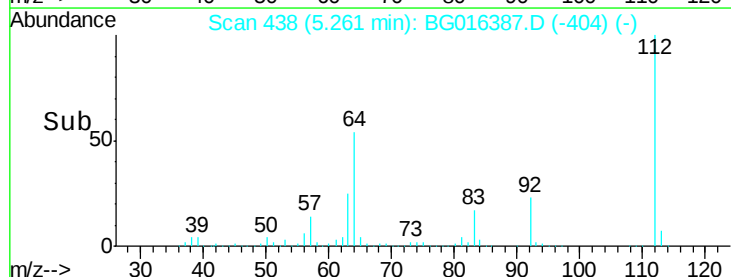
63 25.3 21.4 32.0

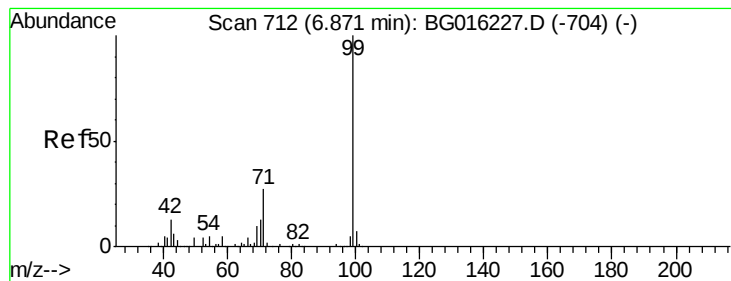


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.37 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

Instrument :

BNA_G

ClientSampleId :

PE-11

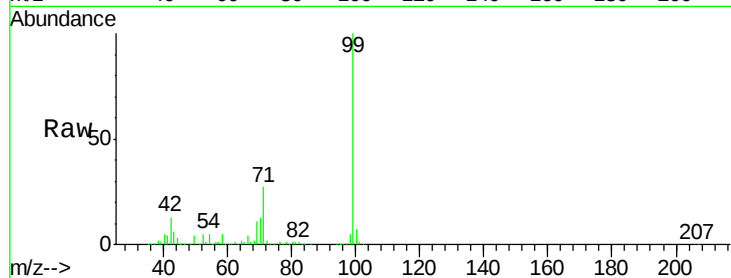
Tgt Ion: 99 Resp: 860967

Ion Ratio Lower Upper

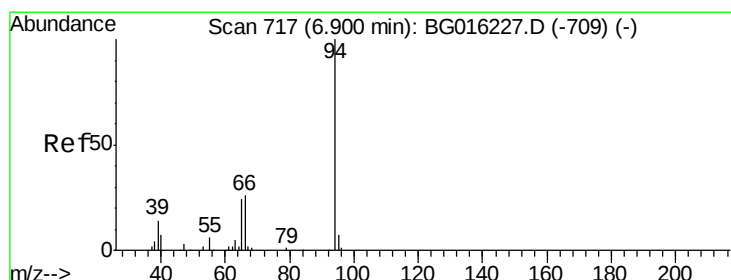
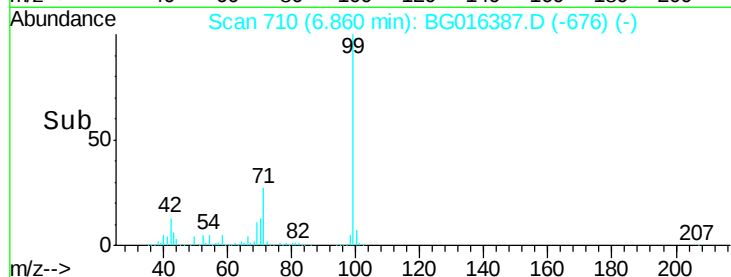
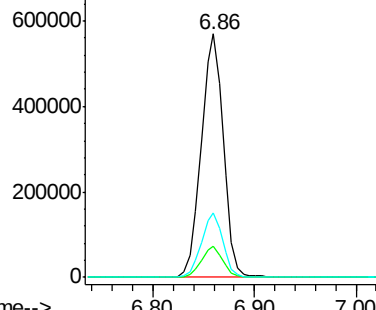
99 100

42 12.6 10.0 15.0

71 26.6 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



#10

Phenol

Concen: 2.46 ng

RT: 6.88 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

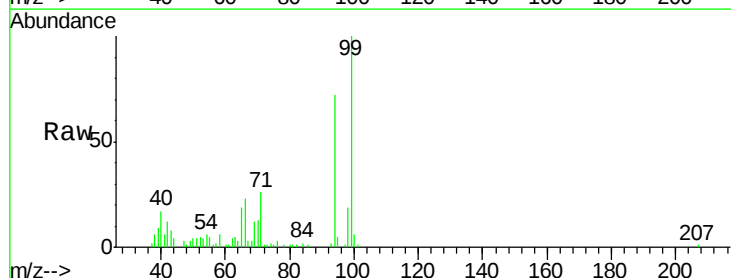
Tgt Ion: 94 Resp: 24005

Ion Ratio Lower Upper

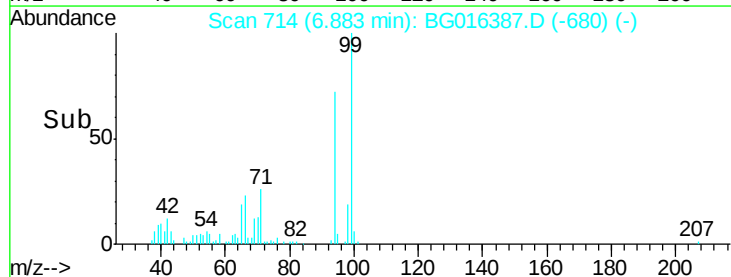
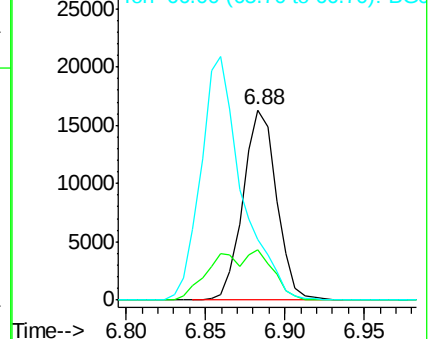
94 100

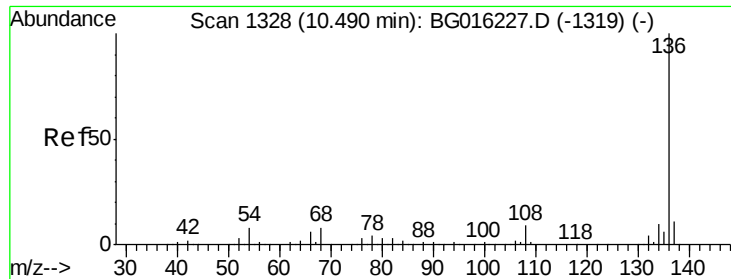
65 26.8 3.8 43.8

66 31.7 7.4 47.4



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

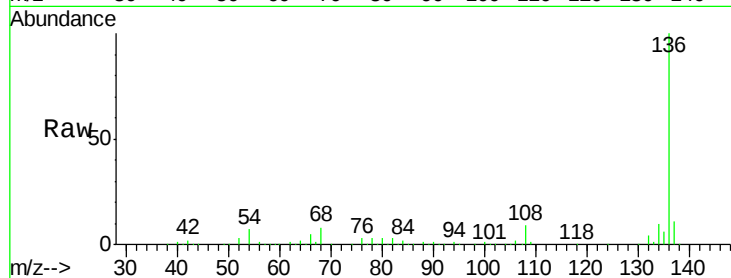




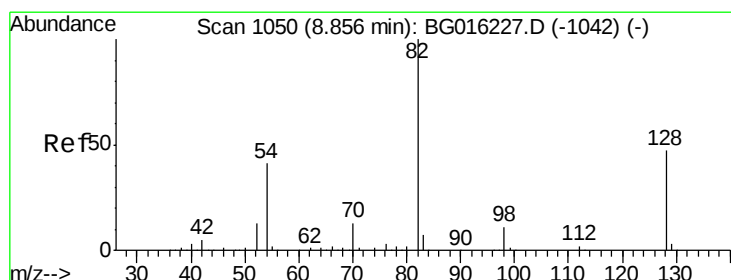
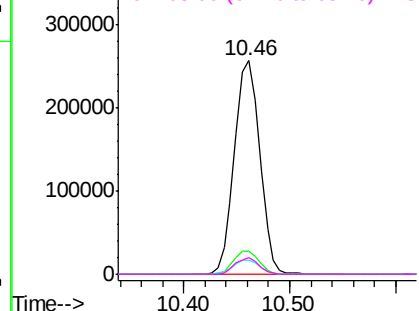
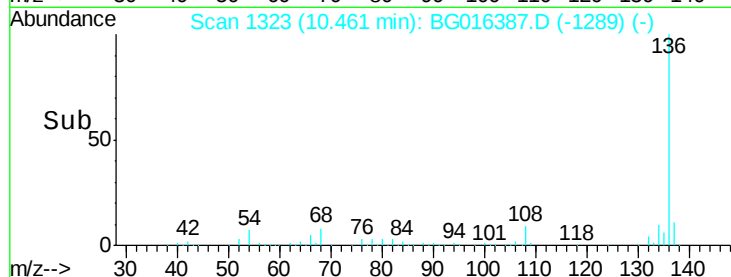
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG016387.D
Acq: 14 Apr 2015 8:21

Instrument :
BNA_G
ClientSampleId :
PE-11

Tgt Ion:	136	Resp:	424917
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.9	6.3	9.5
68	7.5	6.5	9.7

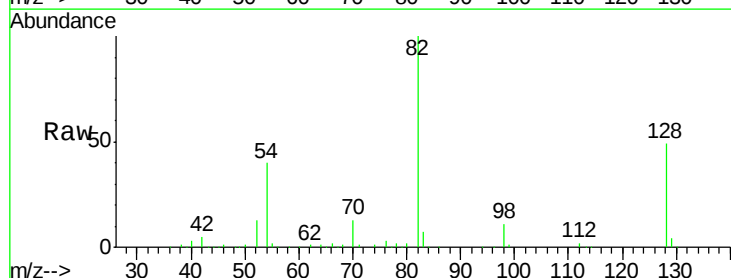


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

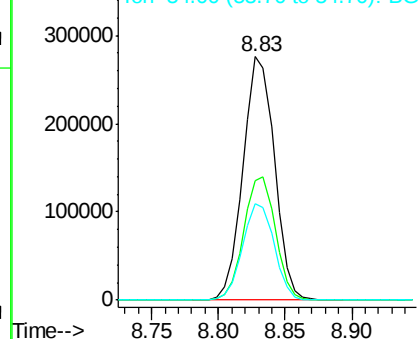
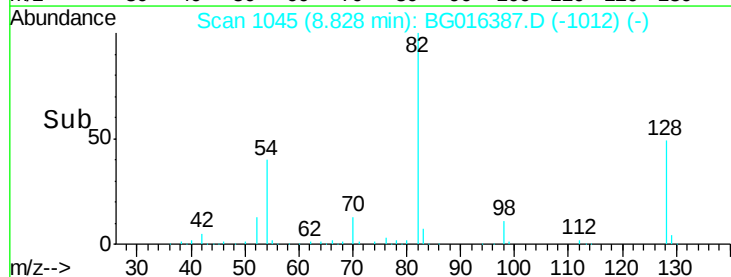


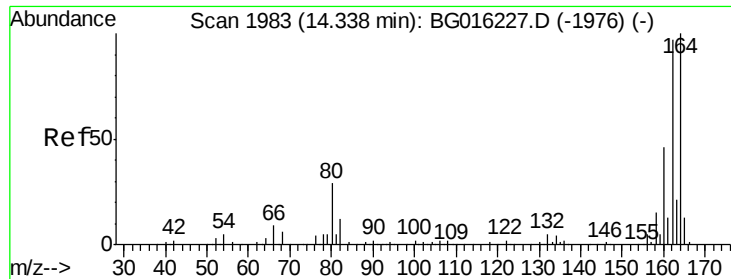
#23
Nitrobenzene-d5
Concen: 61.24 ng
RT: 8.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG016387.D
Acq: 14 Apr 2015 8:21

Tgt Ion:	82	Resp:	449227
Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.8	56.8
54	39.8	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

Instrument :

BNA_G

ClientSampleId :

PE-11

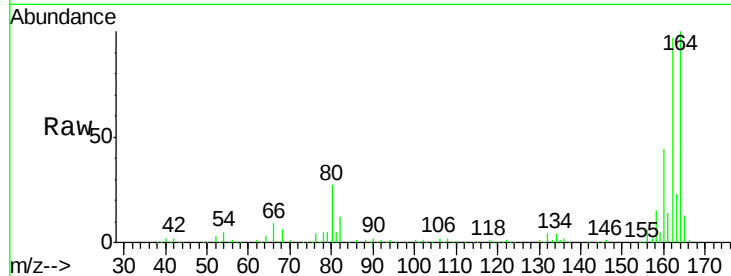
Tgt Ion:164 Resp: 237282

Ion Ratio Lower Upper

164 100

162 97.2 77.3 115.9

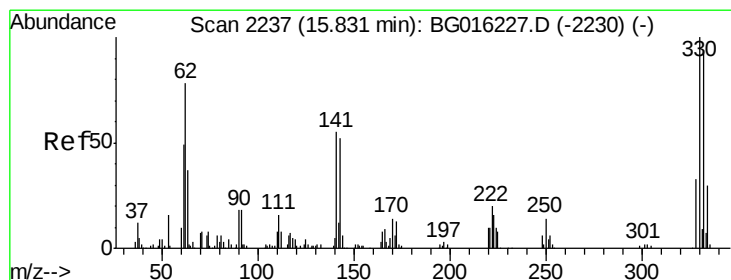
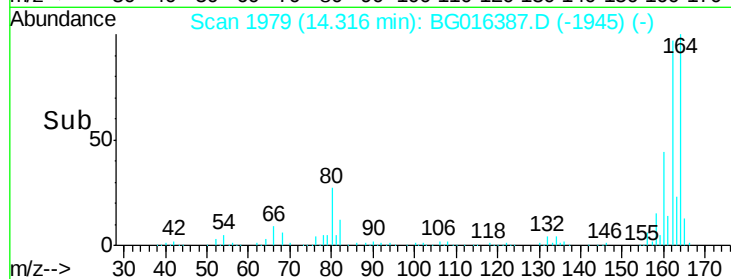
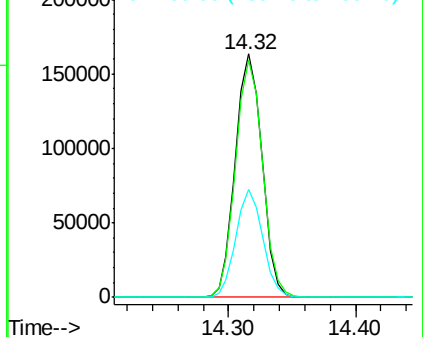
160 44.3 36.7 55.1



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: 90.31 ng

RT: 15.81 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

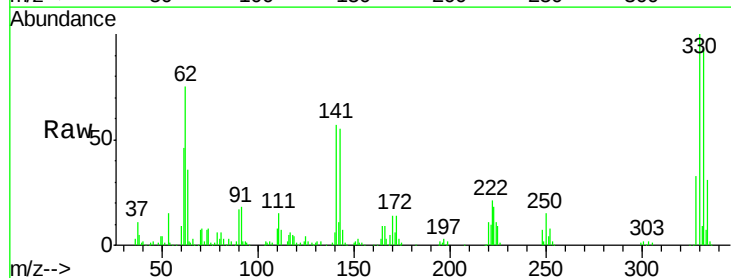
Tgt Ion:330 Resp: 144923

Ion Ratio Lower Upper

330 100

332 95.3 75.8 113.6

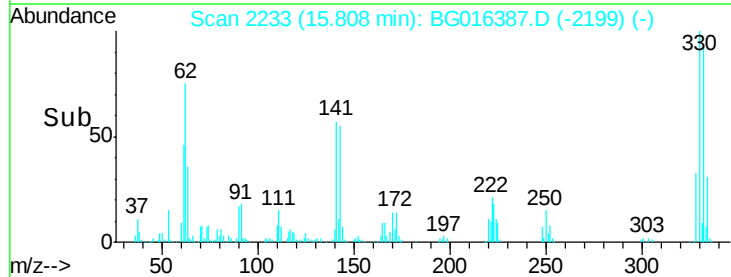
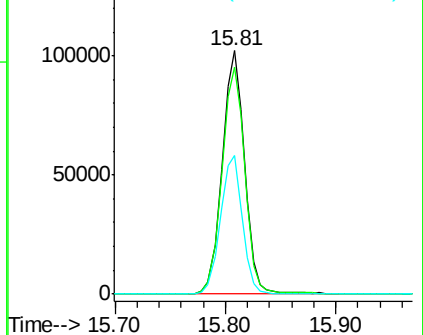
141 55.5 46.6 69.8

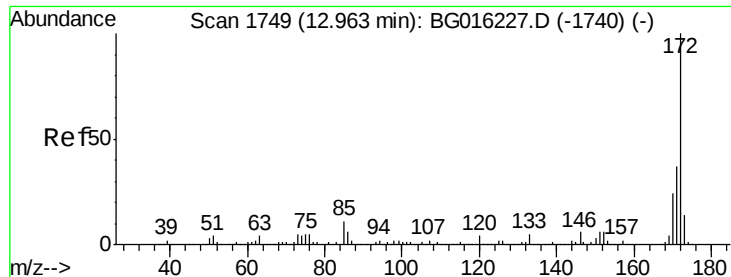


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

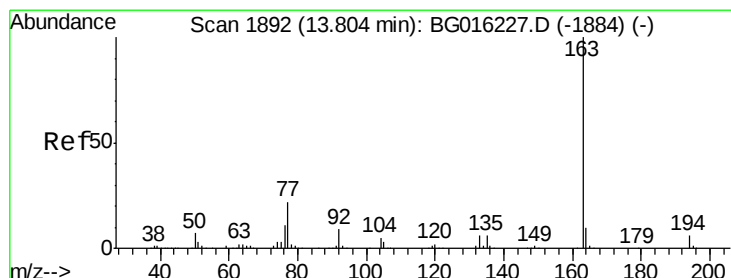
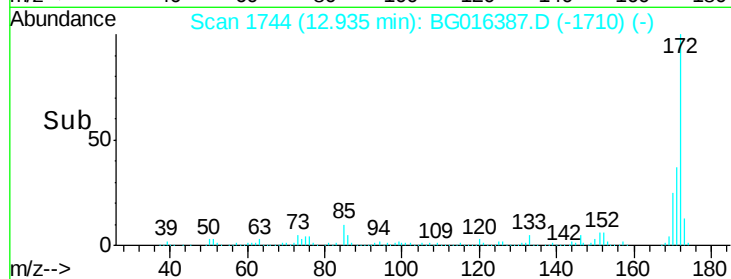
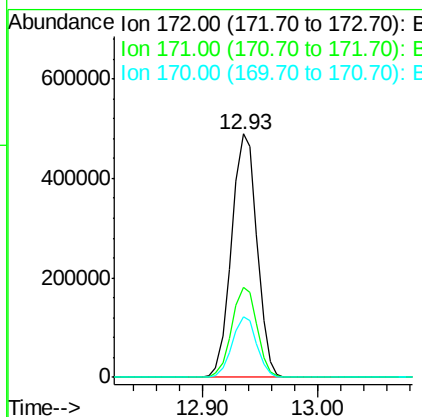
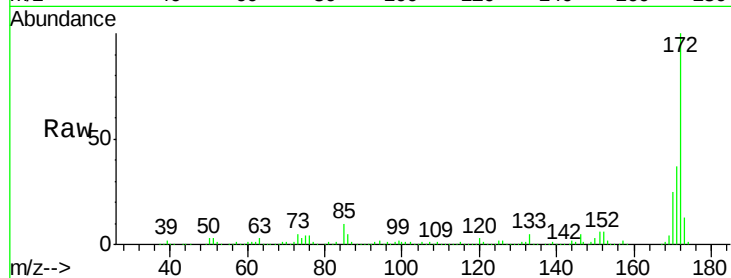




#44
 2-Fluorobiphenyl
 Concen: 53.69 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016387.D
 Acq: 14 Apr 2015 8:21

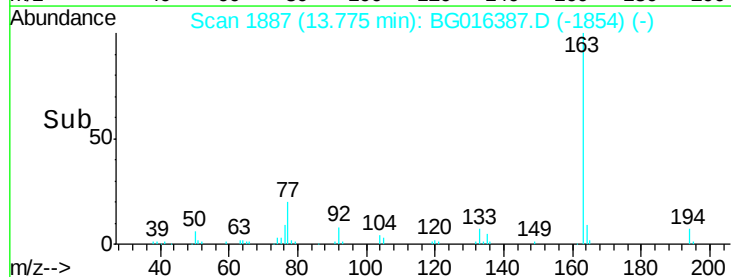
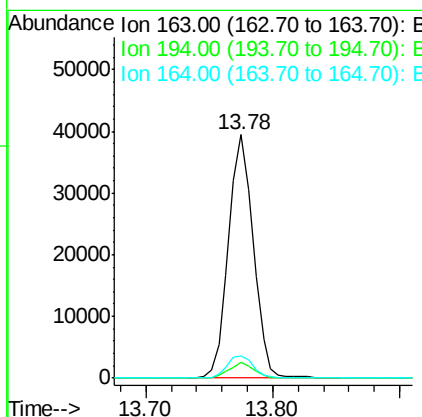
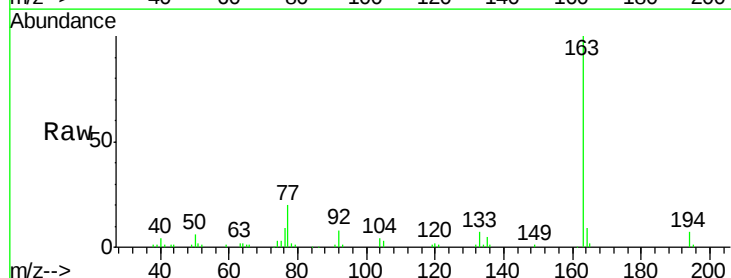
Instrument :
 BNA_G
 ClientSampleId :
 PE-11

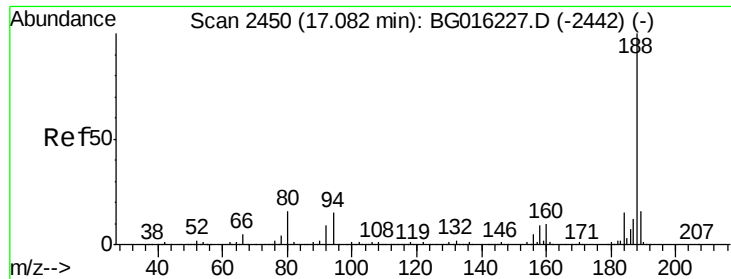
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.7	19.4	29.2



#49
 Dimethylphthalate
 Concen: 3.08 ng
 RT: 13.78 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG016387.D
 Acq: 14 Apr 2015 8:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.0	7.4
164	9.0	8.2	12.4

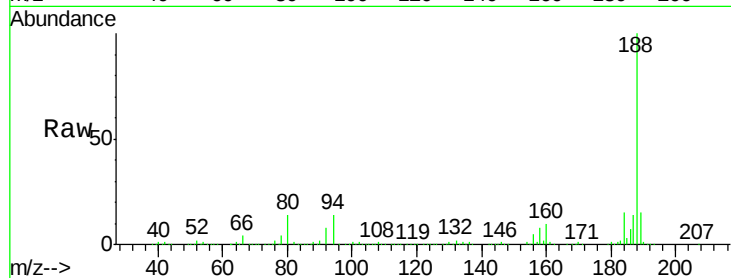




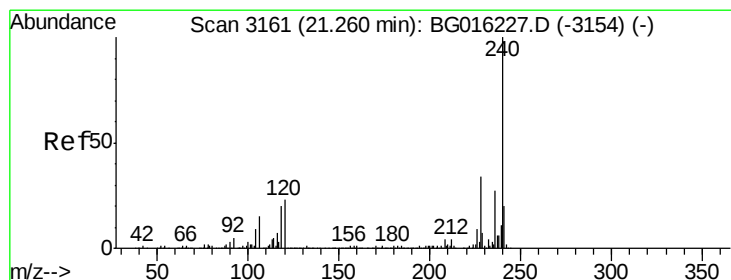
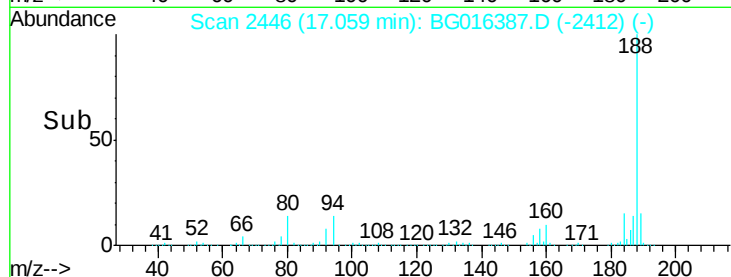
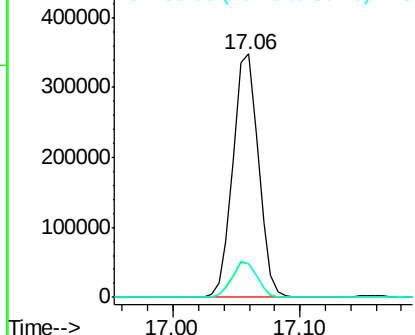
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG016387.D
Acq: 14 Apr 2015 8:21

Instrument :
BNA_G
ClientSampleId :
PE-11

Tgt Ion:188 Resp: 484533
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 13.9 12.8 19.2

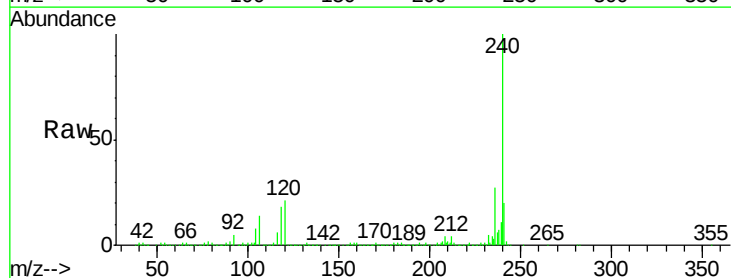


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

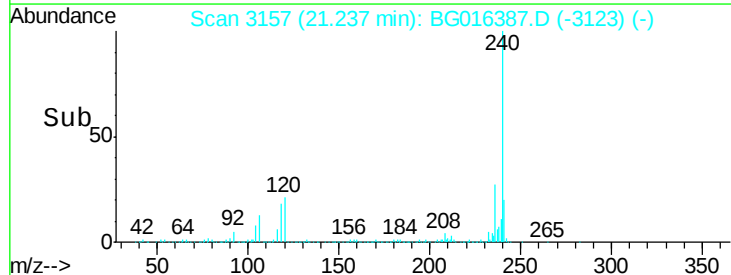
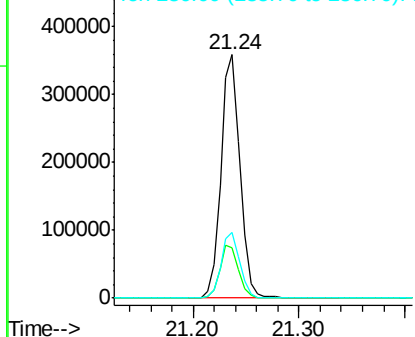


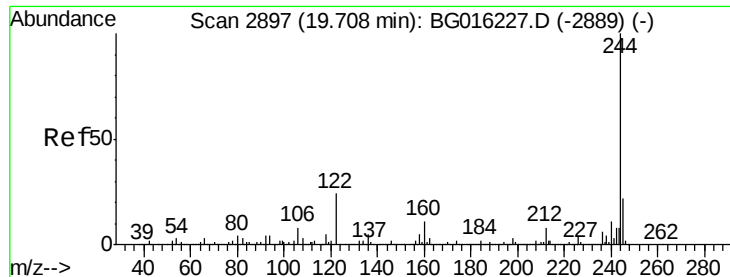
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG016387.D
Acq: 14 Apr 2015 8:21

Tgt Ion:240 Resp: 450558
Ion Ratio Lower Upper
240 100
120 20.9 18.6 28.0
236 27.0 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: 44.83 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

Instrument :

BNA_G

ClientSampleId :

PE-11

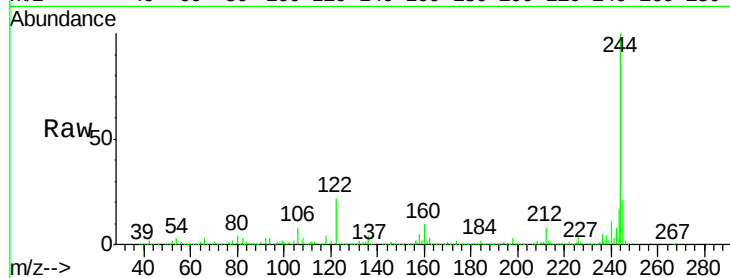
Tgt Ion:244 Resp: 862940

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

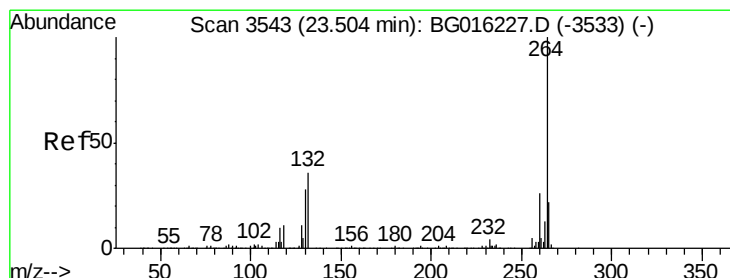
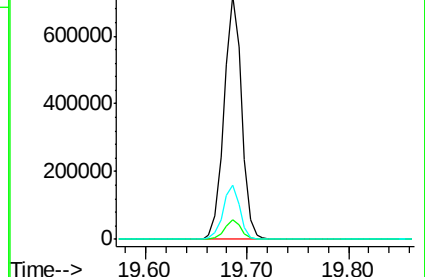
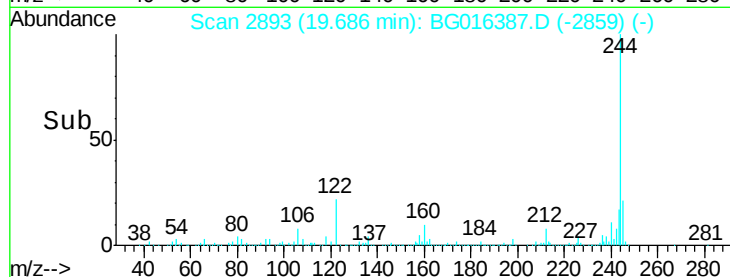
122 22.3 19.1 28.7



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: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG016387.D

Acq: 14 Apr 2015 8:21

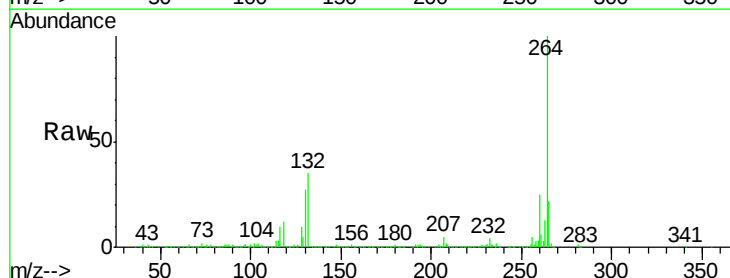
Tgt Ion:264 Resp: 425703

Ion Ratio Lower Upper

264 100

260 25.3 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

