

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016807.D
 Acq On : 29 Apr 2015 20:05
 Operator : TP/IZ
 Sample : G2003-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-19(54-55)

Quant Time: Apr 30 02:32:42 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:01:08 2015
 Response via : Initial Calibration

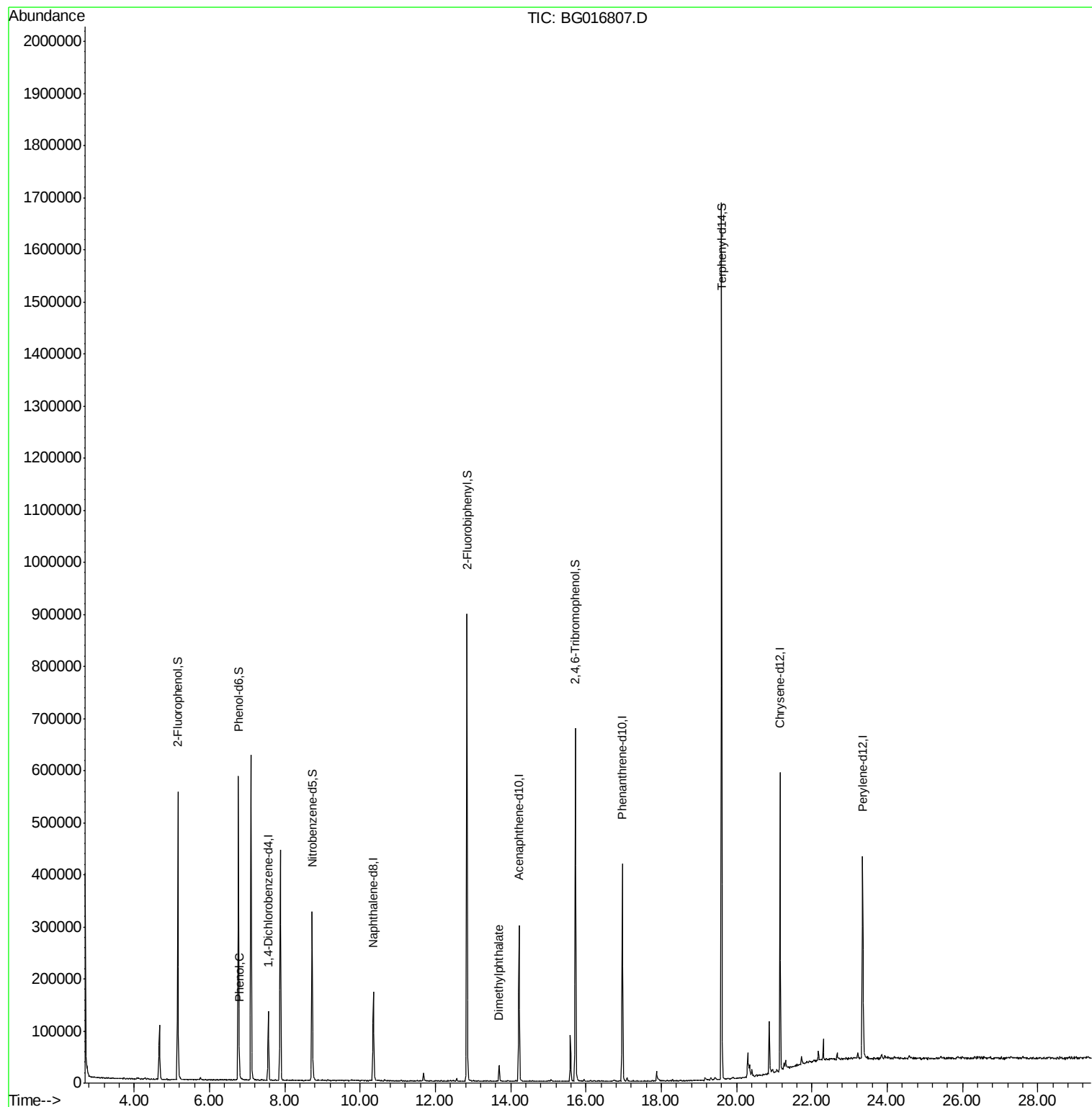
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	38735	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	164954	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	105141	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	241141	20.00	ng	0.00
75) Chrysene-d12	21.16	240	231961	20.00	ng	0.00
86) Perylene-d12	23.35	264	216964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	290120	137.97	ng	0.00
7) Phenol-d6	6.77	99	398521	135.02	ng	0.00
23) Nitrobenzene-d5	8.72	82	190938	75.40	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	102593	131.02	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	469932	69.20	ng	0.00
78) Terphenyl-d14	19.60	244	643603	66.93	ng	0.00
Target Compounds						
10) Phenol	6.80	94	11529	3.81	ng	95
49) Dimethylphthalate	13.69	163	26743	3.55	ng	99

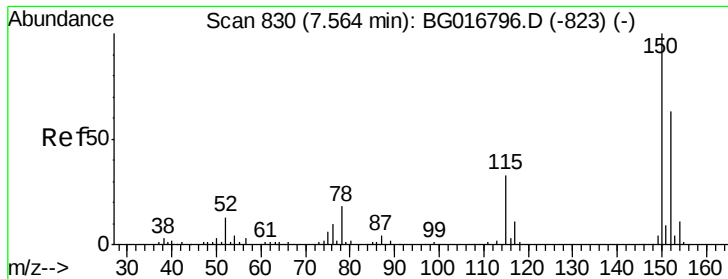
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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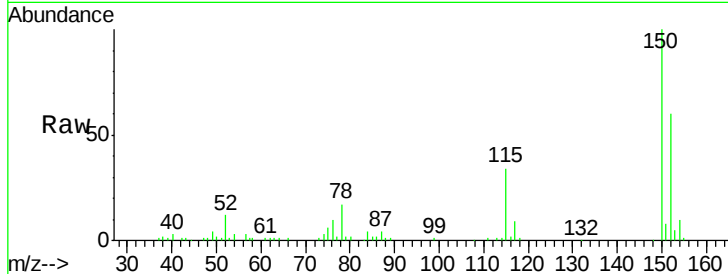


#1

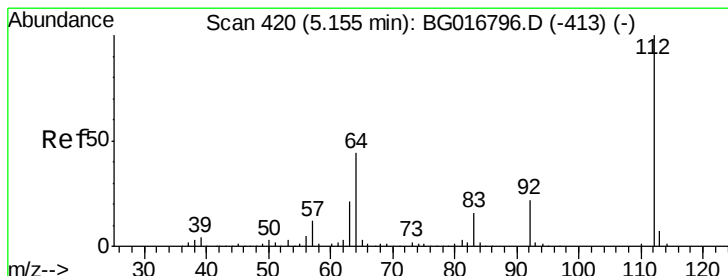
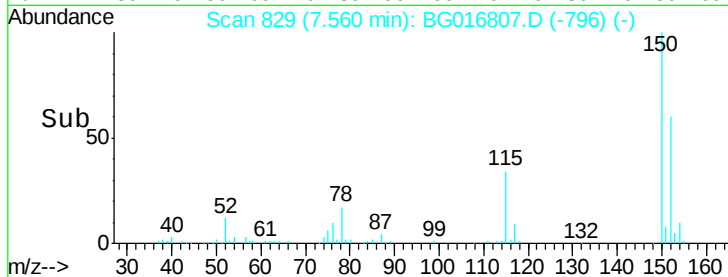
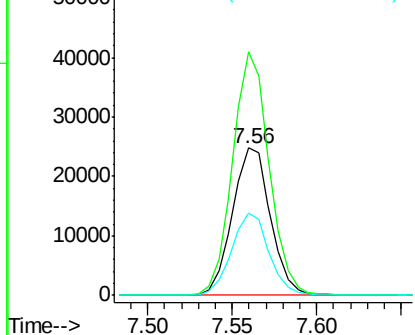
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Instrument :
BNA_G
ClientSampleId :
SB-19(54-55)

Tot Ion:152 Resp: 38735
Ion Ratio Lower Upper
152 100
150 165.5 126.2 189.4
115 56.1 41.1 61.7



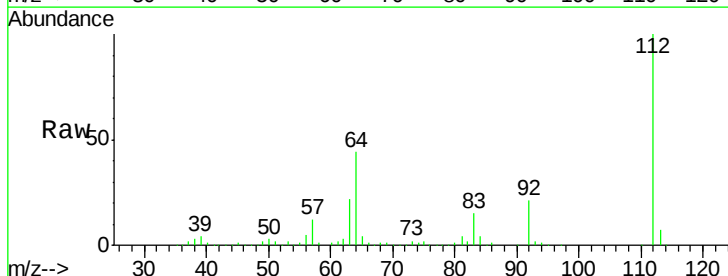
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



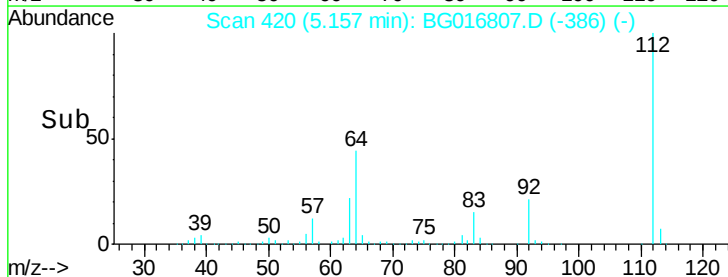
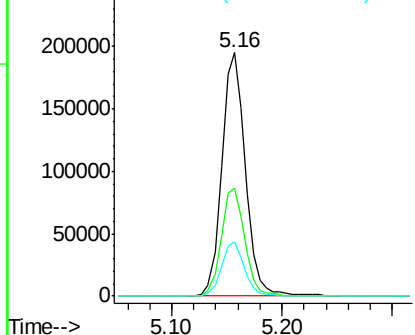
#5

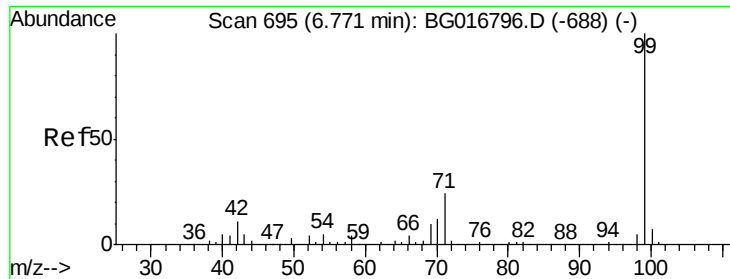
2-Fluorophenol
Concen: 137.97 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Tgt Ion:112 Resp: 290120
Ion Ratio Lower Upper
112 100
64 44.1 35.5 53.3
63 22.4 17.2 25.8



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: 135.02 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

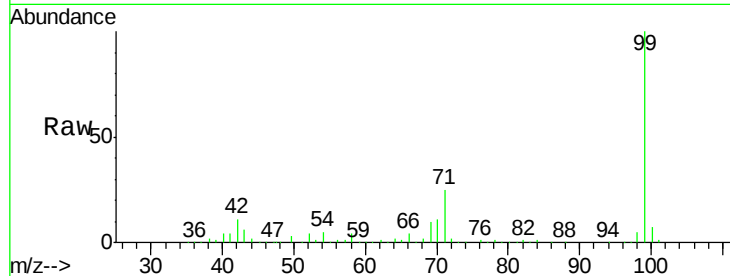
Tot Ion: 99 Resp: 398521

Ion Ratio Lower Upper

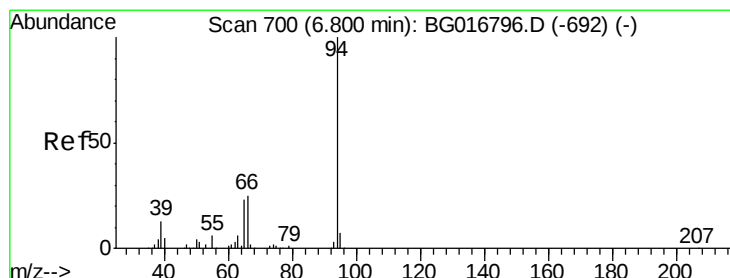
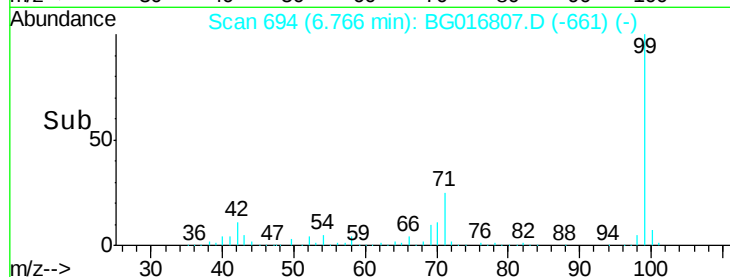
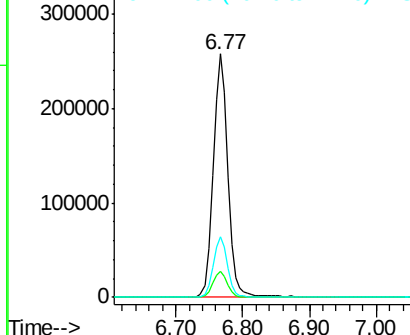
99 100

42 10.9 8.9 13.3

71 24.9 19.0 28.6



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: 3.81 ng

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

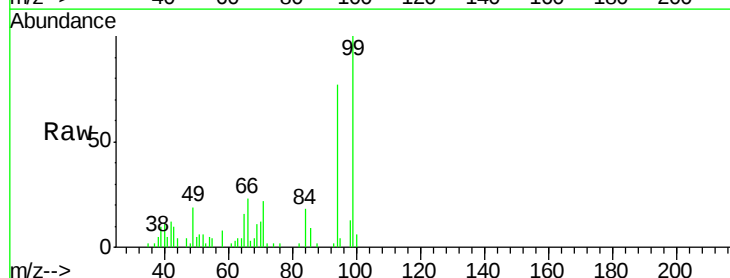
Tgt Ion: 94 Resp: 11529

Ion Ratio Lower Upper

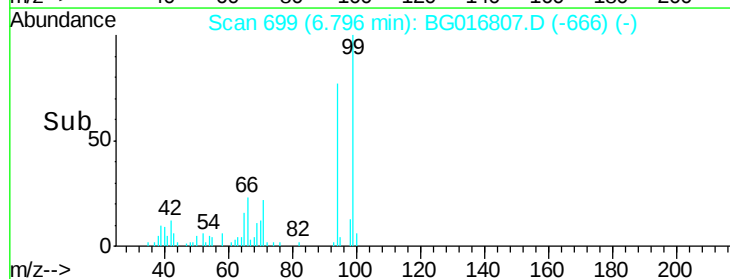
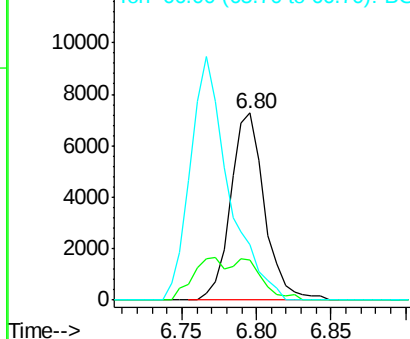
94 100

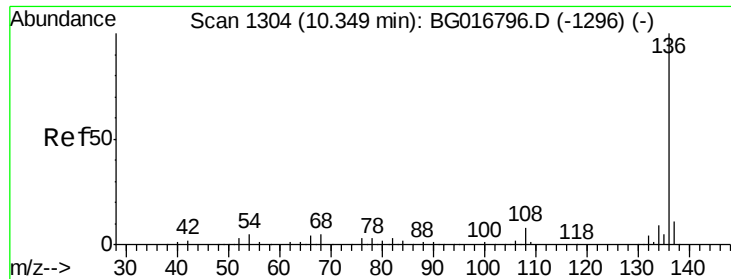
65 21.2 3.0 43.0

66 29.4 6.3 46.3



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

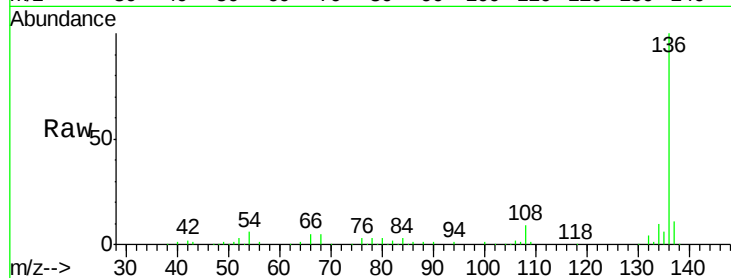




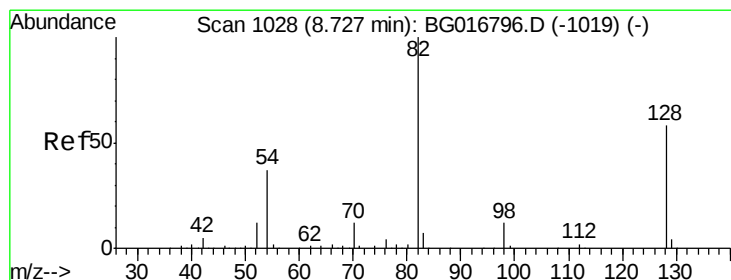
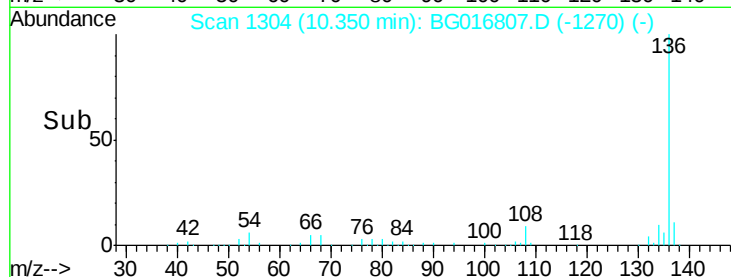
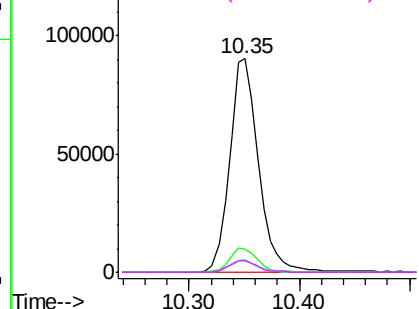
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Instrument :
BNA_G
ClientSampleId :
SB-19(54-55)

Tot Ion:136	Resp:	164954
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 12.8
54	5.7	4.3 6.5
68	5.3	4.3 6.5

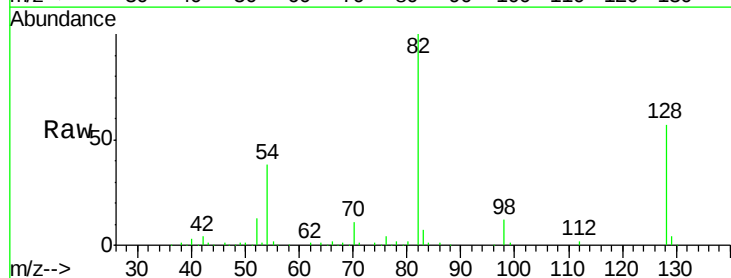


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

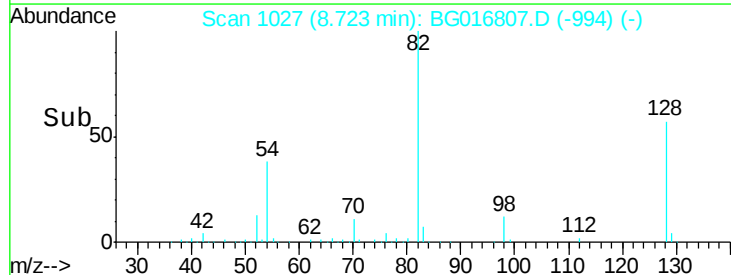
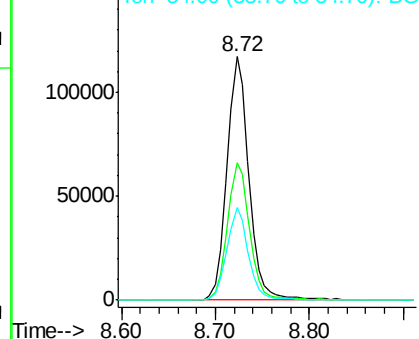


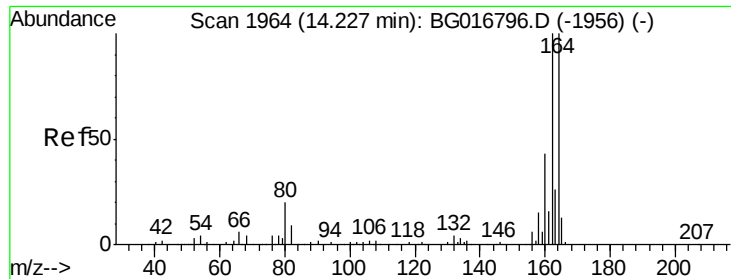
#23
Nitrobenzene-d5
Concen: 75.40 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Tgt Ion: 82	Resp:	190938
Ion	Ratio	Lower Upper
82	100	
128	56.6	46.3 69.5
54	37.8	30.0 45.0



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: 14.22 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

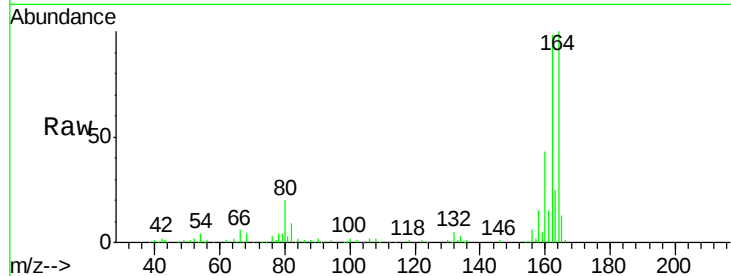
Tot Ion:164 Resp: 105141

Ion Ratio Lower Upper

164 100

162 97.9 80.2 120.4

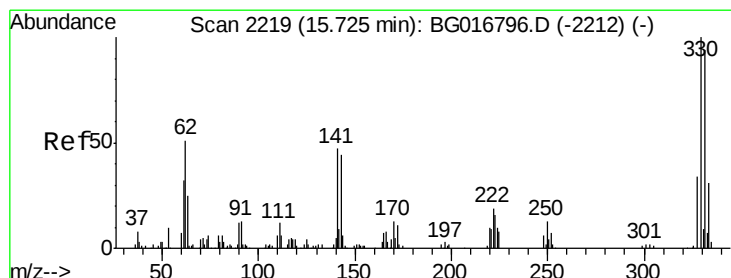
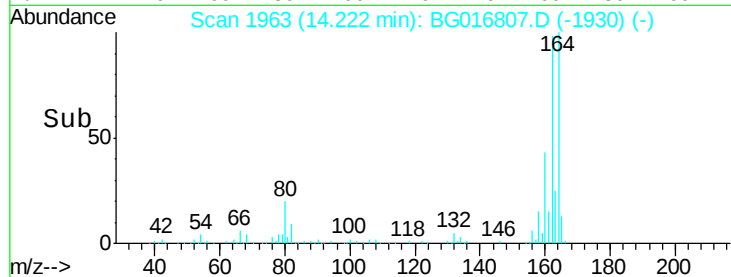
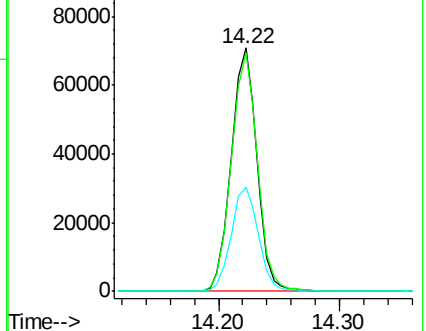
160 42.6 34.8 52.2



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: 131.02 ng

RT: 15.72 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

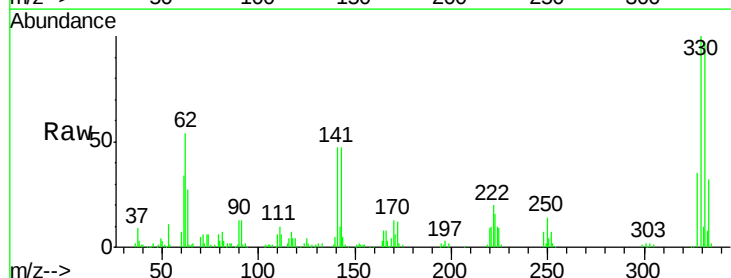
Tgt Ion:330 Resp: 102593

Ion Ratio Lower Upper

330 100

332 96.8 75.3 112.9

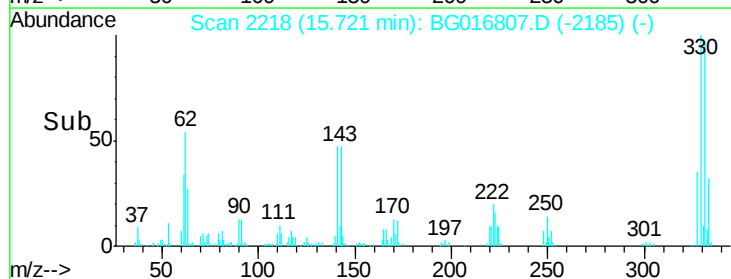
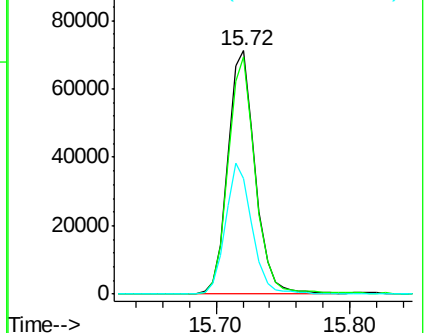
141 51.7 40.7 61.1

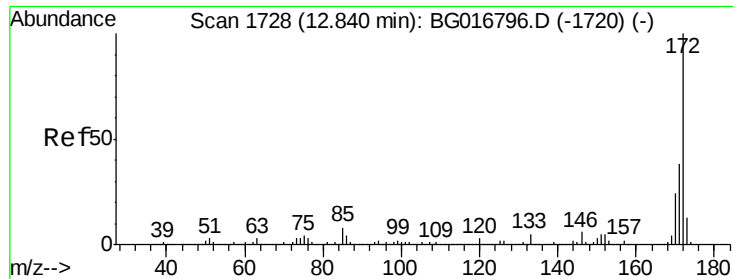


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

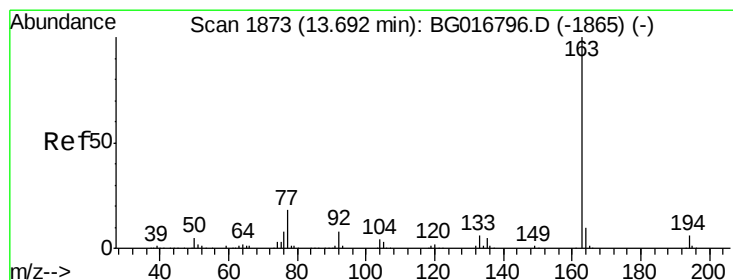
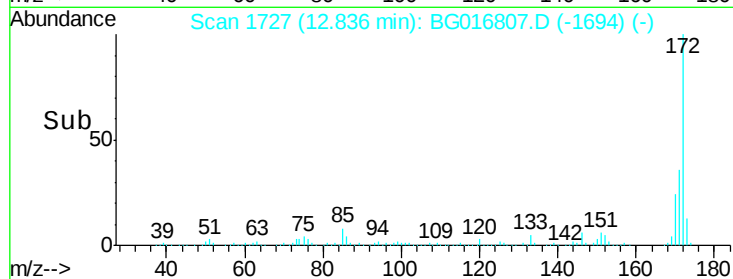
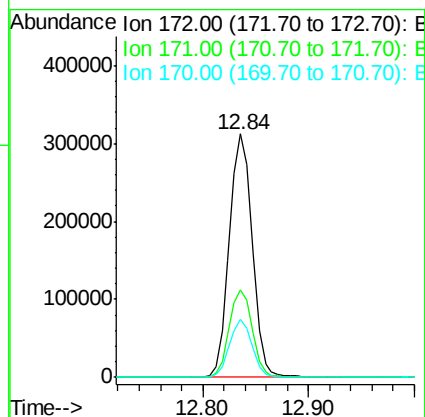
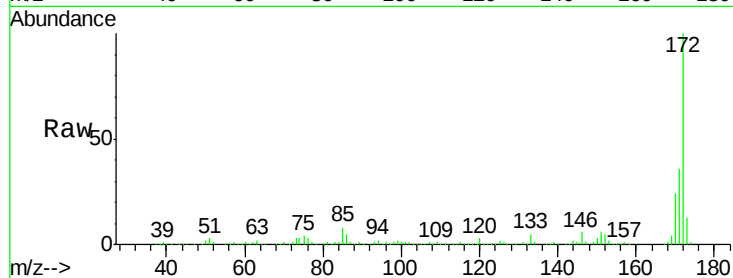




#44
2-Fluorobiphenyl
Concen: 69.20 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

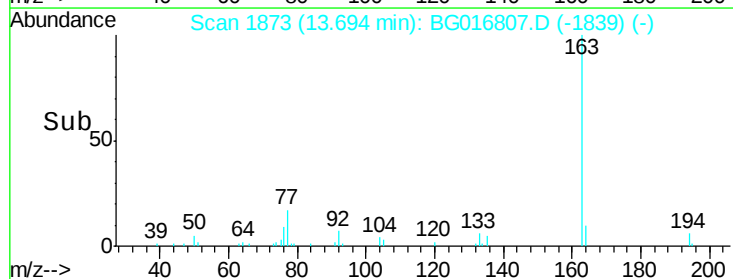
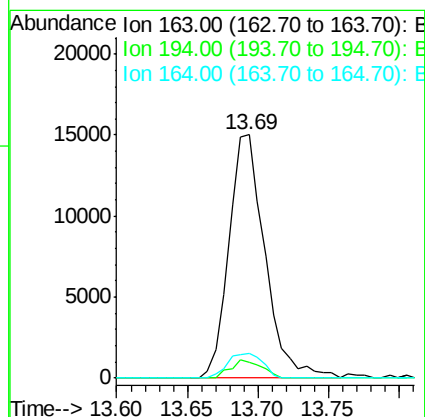
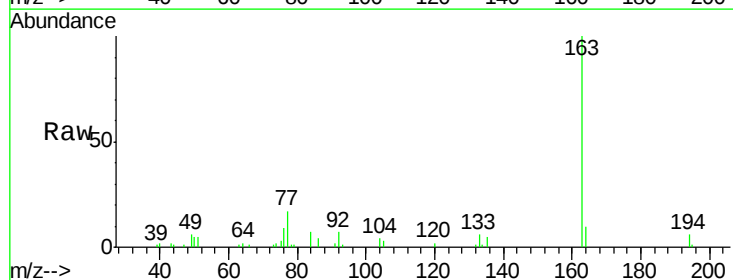
Instrument :
BNA_G
ClientSampleId :
SB-19(54-55)

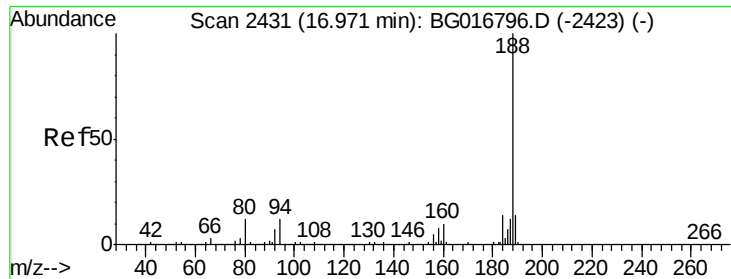
Tot Ion:172 Resp: 469932
Ion Ratio Lower Upper
172 100
171 35.9 30.2 45.4
170 23.8 19.4 29.0



#49
Dimethylphthalate
Concen: 3.55 ng
RT: 13.69 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Tgt Ion:163 Resp: 26743
Ion Ratio Lower Upper
163 100
194 6.4 4.7 7.1
164 10.3 8.2 12.2

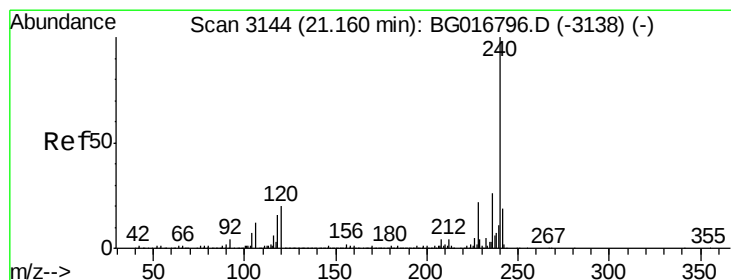
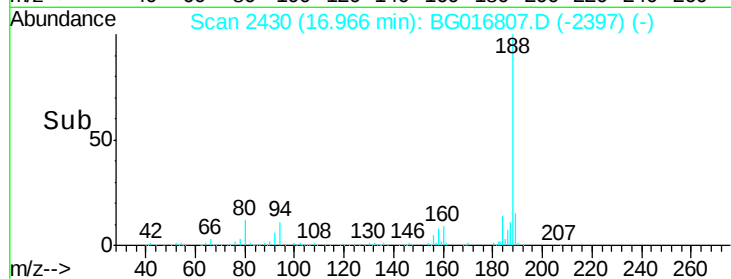
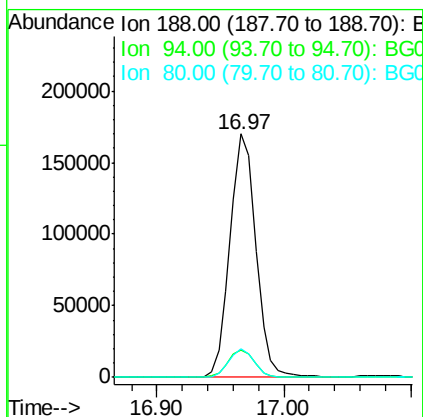
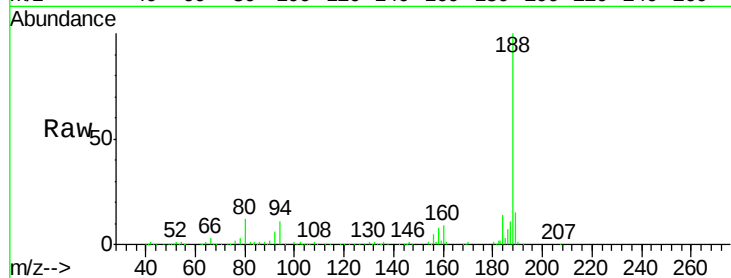




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

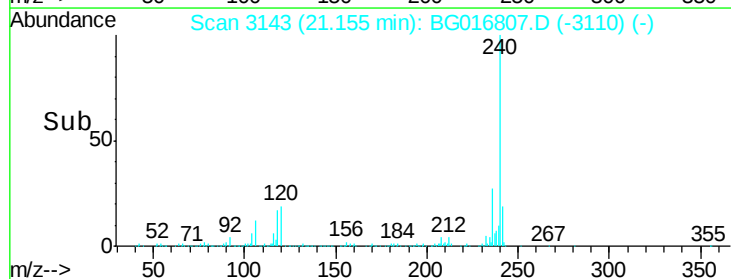
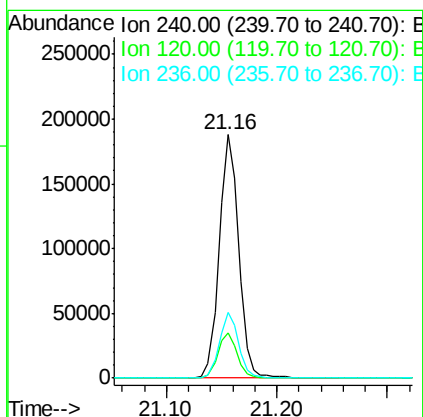
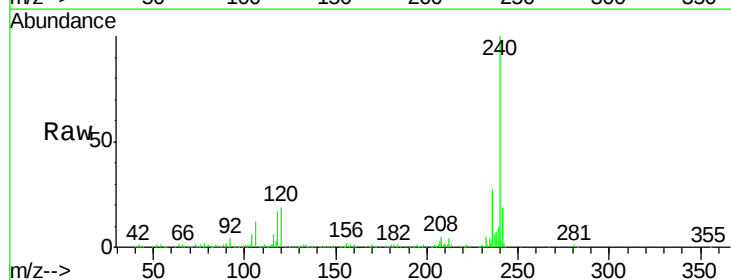
Instrument :
BNA_G
ClientSampled :
SB-19(54-55)

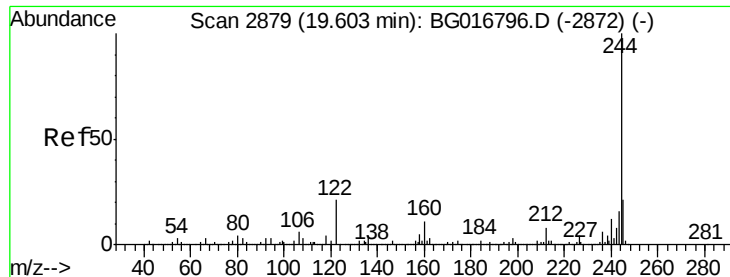
Tot Ion:188 Resp: 241141
Ion Ratio Lower Upper
188 100
94 11.4 9.5 14.3
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016807.D
Acq: 29 Apr 2015 20:05

Tgt Ion:240 Resp: 231961
Ion Ratio Lower Upper
240 100
120 18.8 16.1 24.1
236 26.7 21.0 31.6





#78

Terphenyl-d14

Concen: 66.93 ng

RT: 19.60 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

Instrument :

BNA_G

ClientSampleId :

SB-19(54-55)

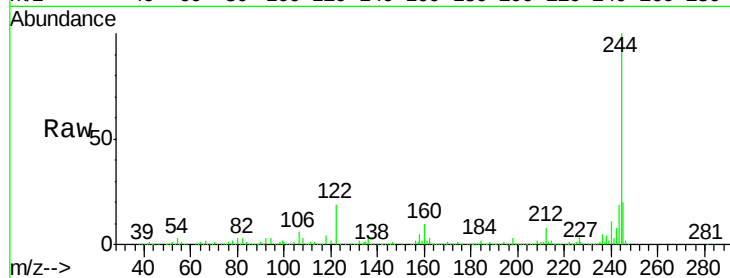
Tot Ion:244 Resp: 643603

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

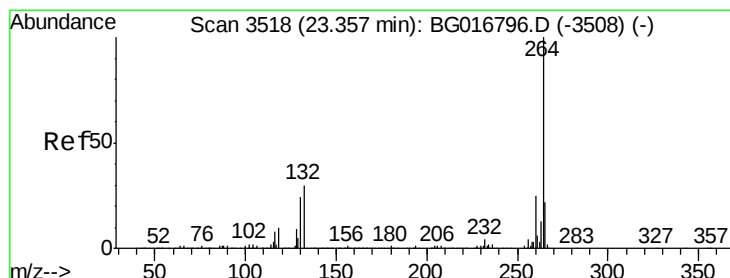
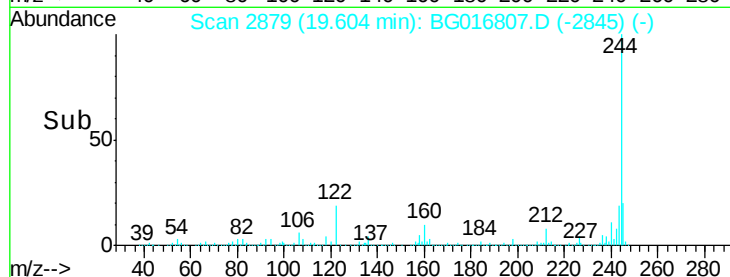
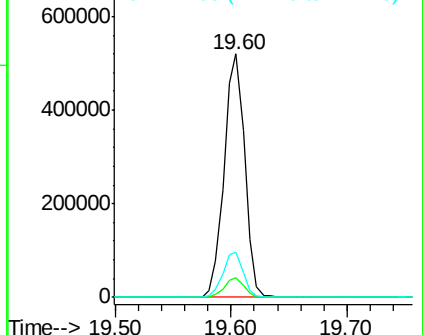
122 18.5 16.4 24.6



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: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016807.D

Acq: 29 Apr 2015 20:05

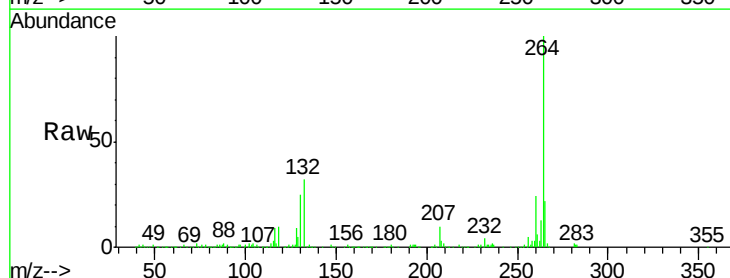
Tgt Ion:264 Resp: 216964

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 22.3 17.4 26.2



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

