

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016498.D
 Acq On : 17 Apr 2015 21:01
 Operator : TP/IZ
 Sample : G1880-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-2-17

Quant Time: Apr 18 00:51:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:32:09 2015
 Response via : Initial Calibration

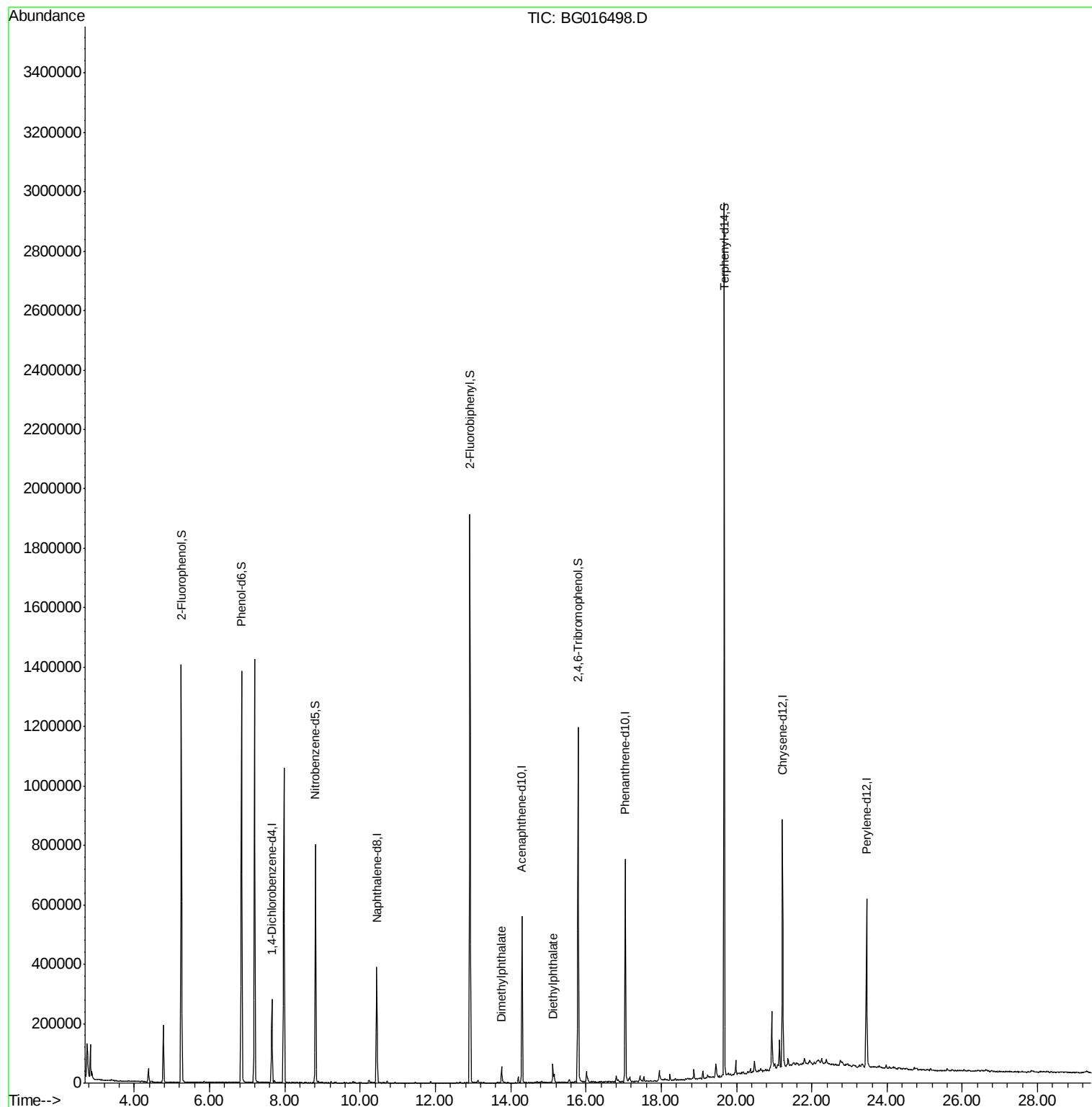
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	78235	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	332009	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	185556	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	387301	20.00	ng	0.00
75) Chrysene-d12	21.22	240	345389	20.00	ng	0.00
86) Perylene-d12	23.45	264	327772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	650239	131.17	ng	0.00
7) Phenol-d6	6.85	99	892448	119.93	ng	0.00
23) Nitrobenzene-d5	8.82	82	466834	81.45	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	164537	131.12	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	955675	87.69	ng	0.00
78) Terphenyl-d14	19.68	244	1077514	73.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	37424	2.75	ng	99
59) Diethylphthalate	15.12	149	35901	2.48	ng	98

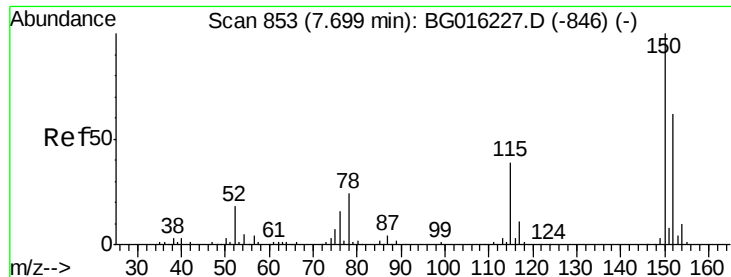
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.01 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

Instrument :

BNA_G

ClientSampleId :

S1-2-17

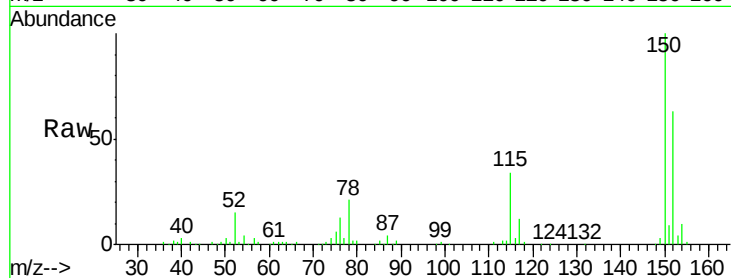
Tgt Ion:152 Resp: 78235

Ion Ratio Lower Upper

152 100

150 157.8 130.1 195.1

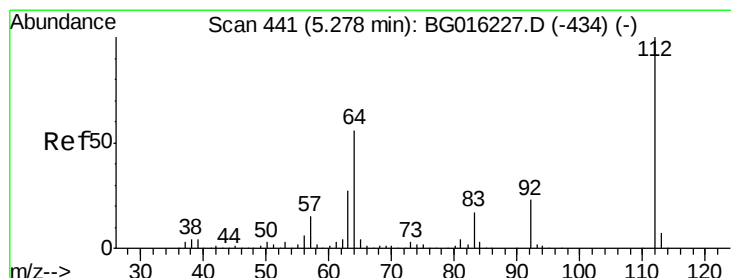
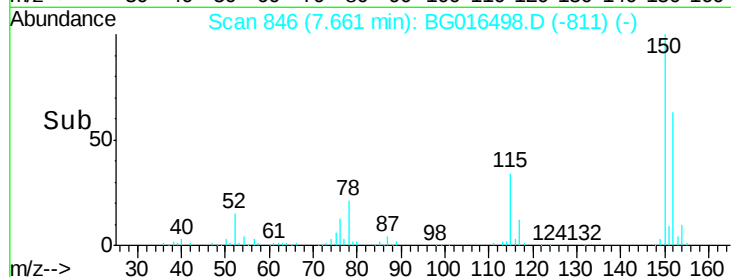
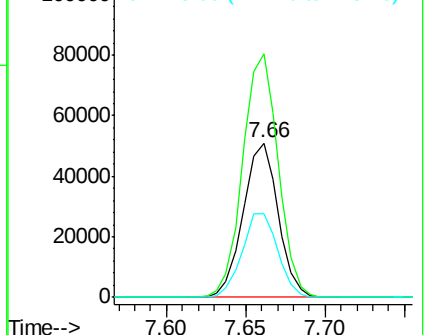
115 54.4 50.5 75.7



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: 131.17 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.01 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

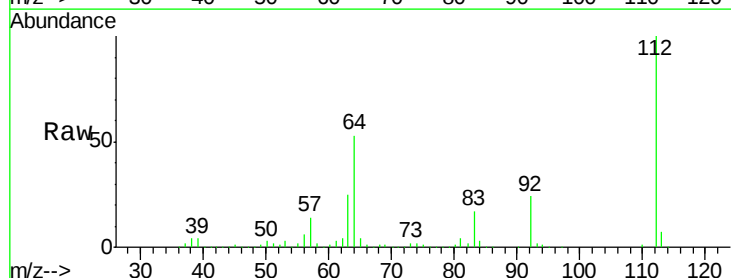
Tgt Ion:112 Resp: 650239

Ion Ratio Lower Upper

112 100

64 53.2 44.5 66.7

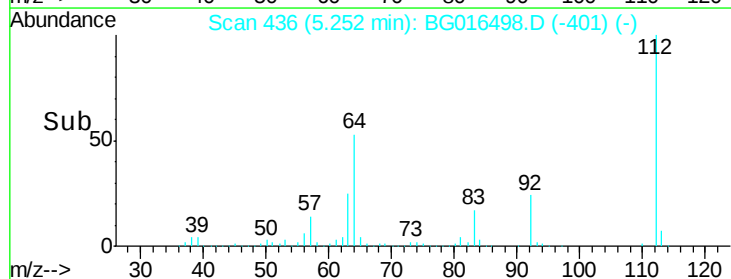
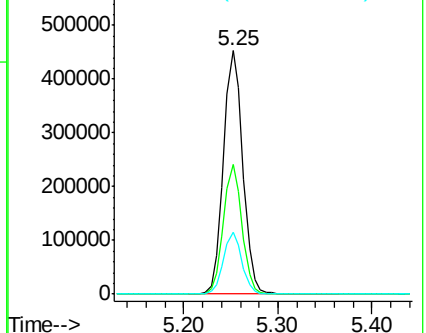
63 25.3 21.4 32.0

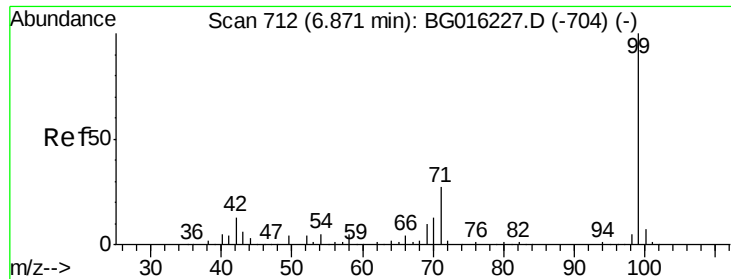


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.93 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

Instrument :

BNA_G

ClientSampleId :

S1-2-17

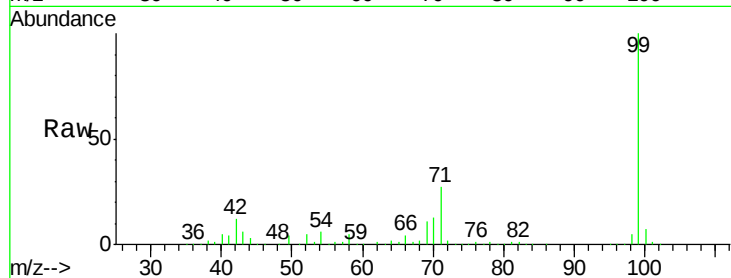
Tgt Ion: 99 Resp: 892448

Ion Ratio Lower Upper

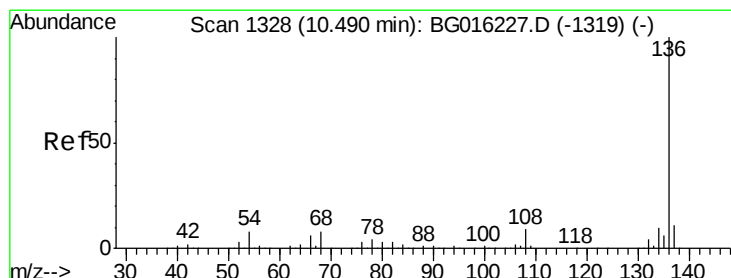
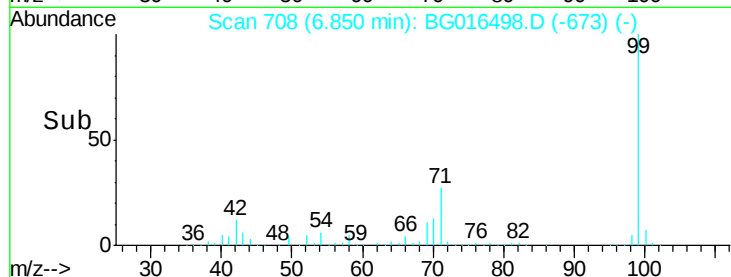
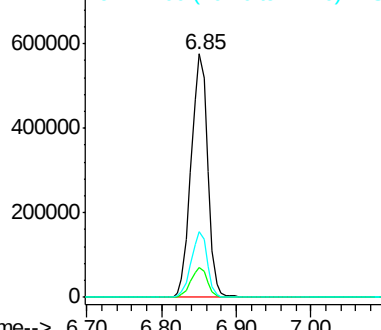
99 100

42 12.4 10.0 15.0

71 27.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

Tgt Ion: 136 Resp: 332009

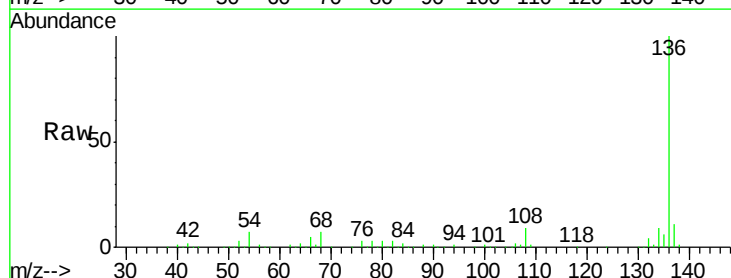
Ion Ratio Lower Upper

136 100

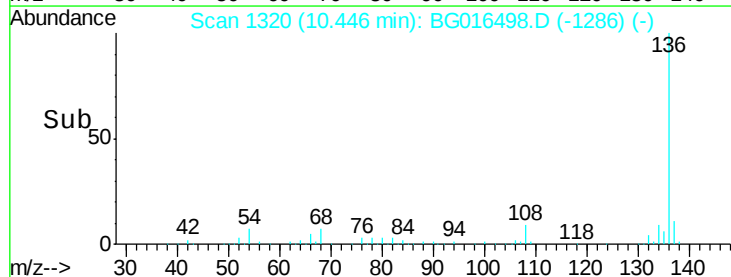
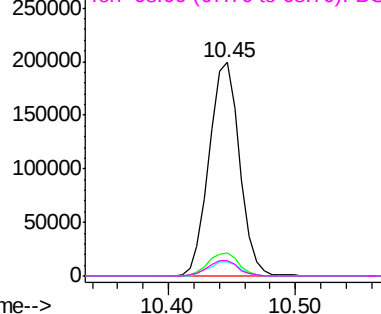
137 11.1 8.7 13.1

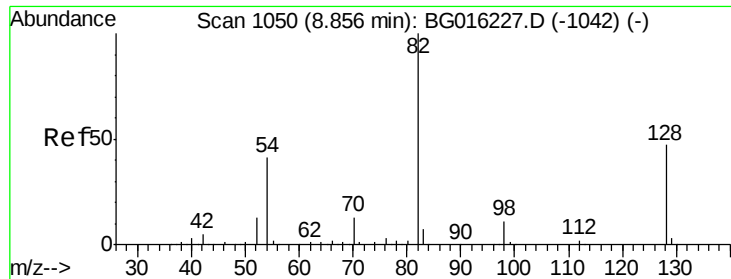
54 6.7 6.3 9.5

68 7.2 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

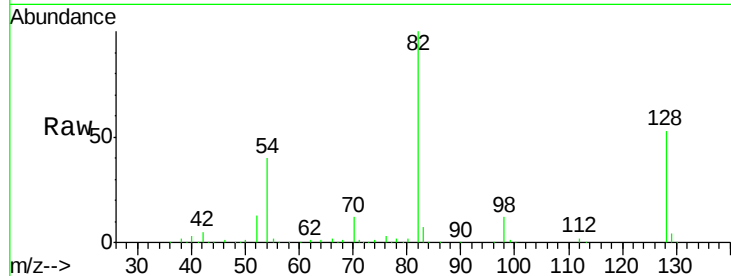




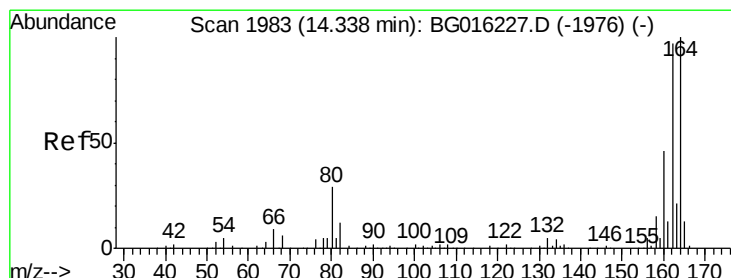
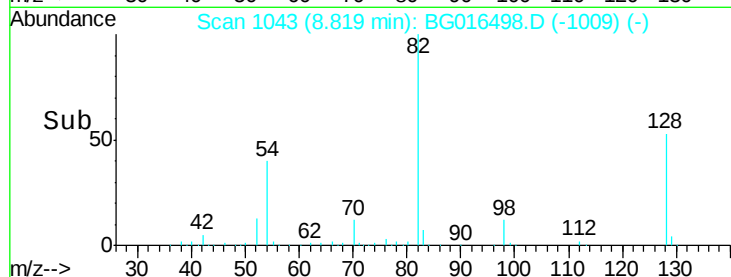
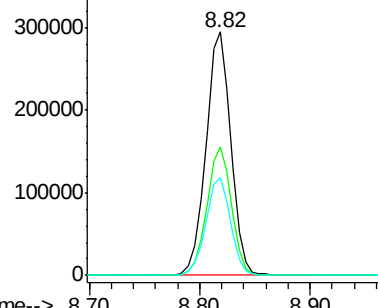
#23
 Nitrobenzene-d5
 Concen: 81.45 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016498.D
 Acq: 17 Apr 2015 21:01

Instrument :
 BNA_G
 ClientSampleId :
 S1-2-17

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.7	37.8	56.8
54	40.3	32.6	49.0

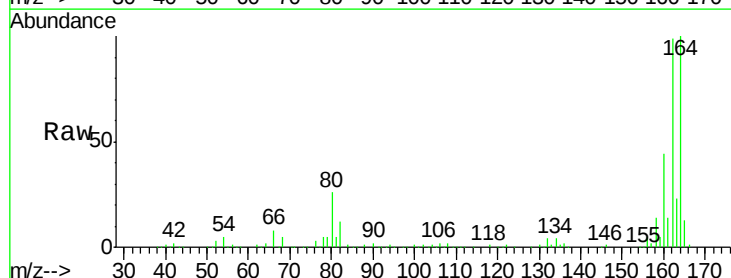


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

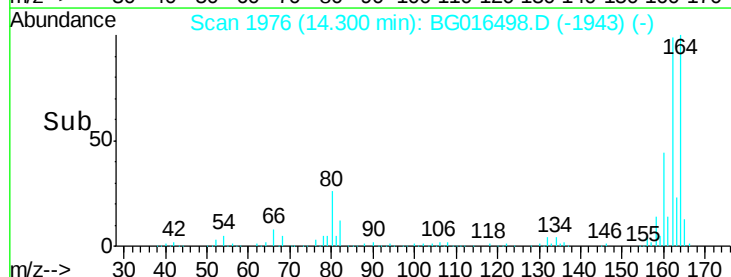
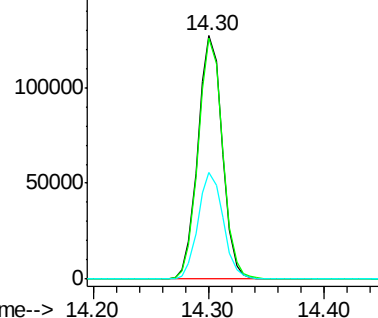


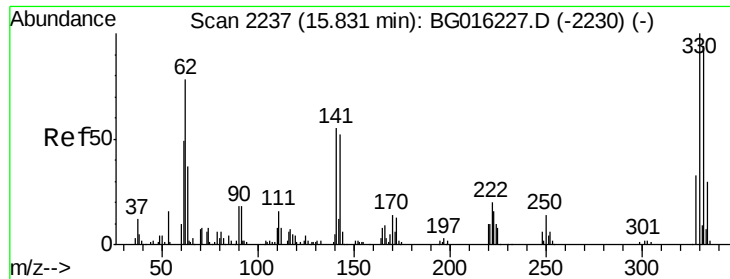
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016498.D
 Acq: 17 Apr 2015 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.3	115.9
160	43.9	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

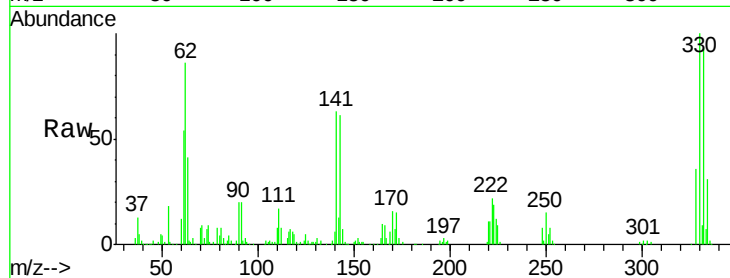




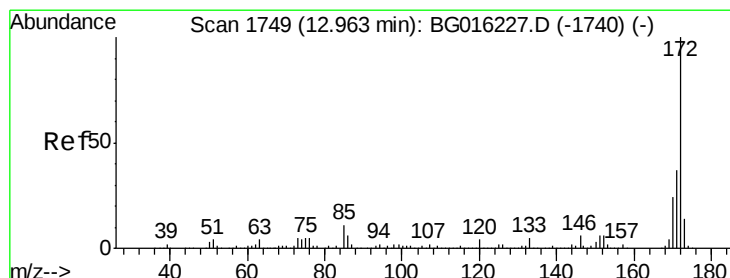
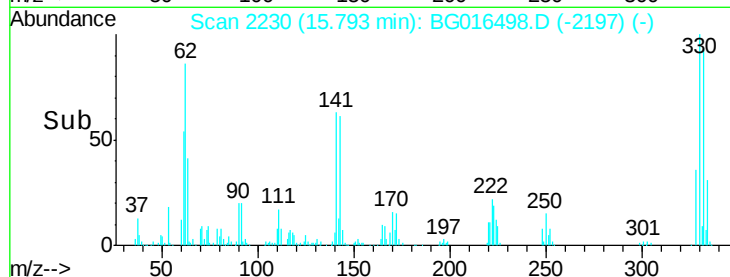
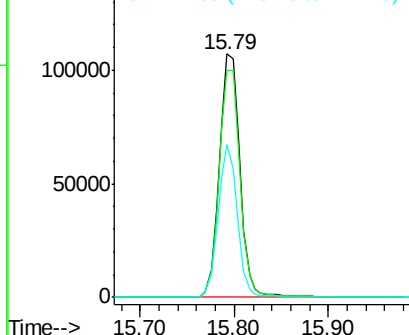
#41
 2,4,6-Tribromophenol
 Concen: 131.12 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG016498.D
 Acq: 17 Apr 2015 21:01

Instrument :
 BNA_G
 ClientSampleId :
 S1-2-17

Tgt Ion:330 Resp: 164537
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.8 113.6
 141 59.0 46.6 69.8

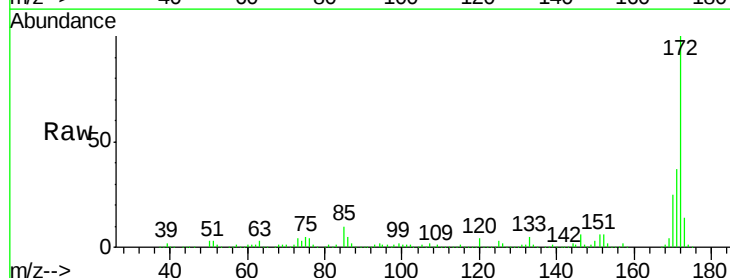


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

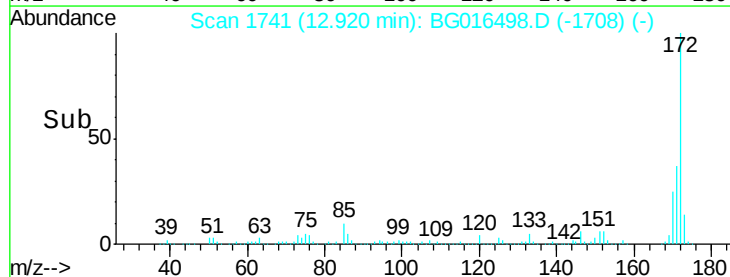
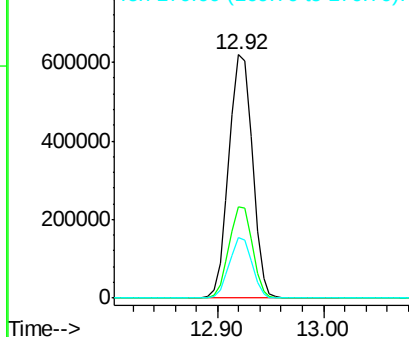


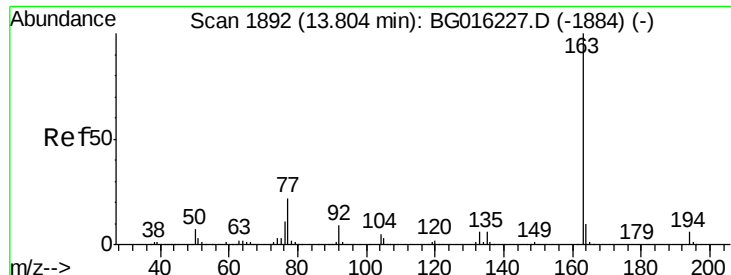
#44
 2-Fluorobiphenyl
 Concen: 87.69 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016498.D
 Acq: 17 Apr 2015 21:01

Tgt Ion:172 Resp: 955675
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 25.0 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.75 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

Instrument :

BNA_G

ClientSampleId :

S1-2-17

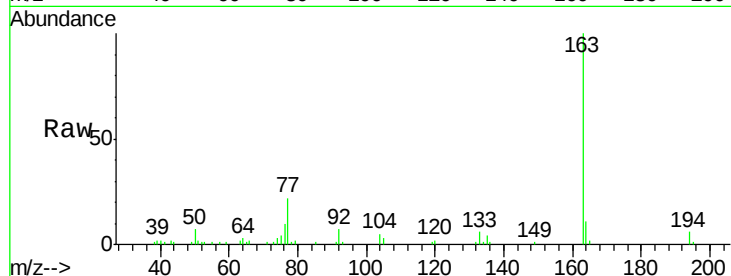
Tgt Ion:163 Resp: 37424

Ion Ratio Lower Upper

163 100

194 5.8 5.0 7.4

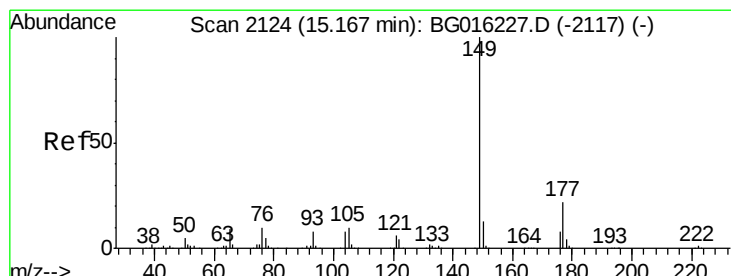
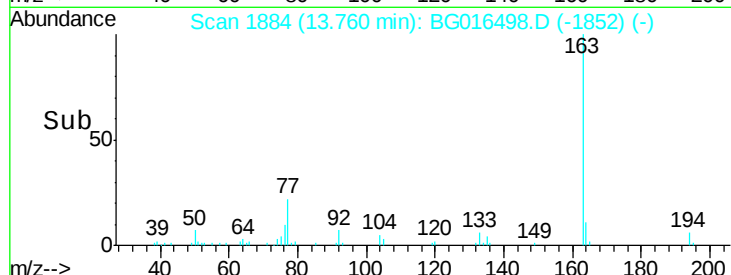
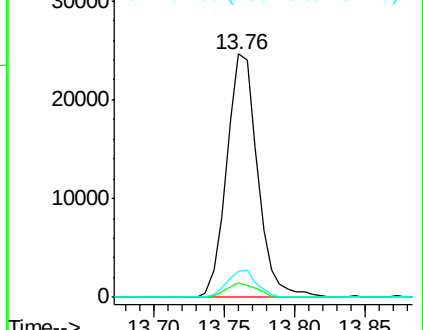
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 2.48 ng

RT: 15.12 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

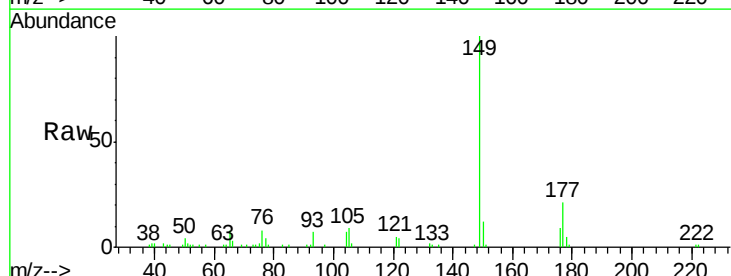
Tgt Ion:149 Resp: 35901

Ion Ratio Lower Upper

149 100

177 20.9 17.7 26.5

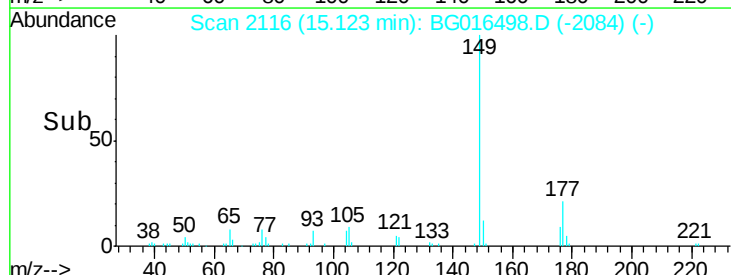
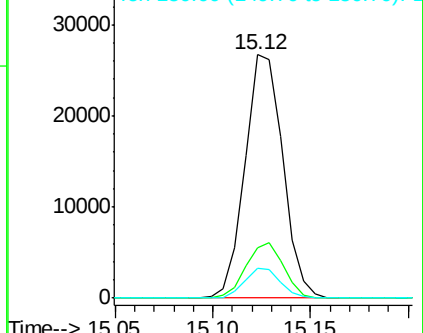
150 12.4 10.0 15.0

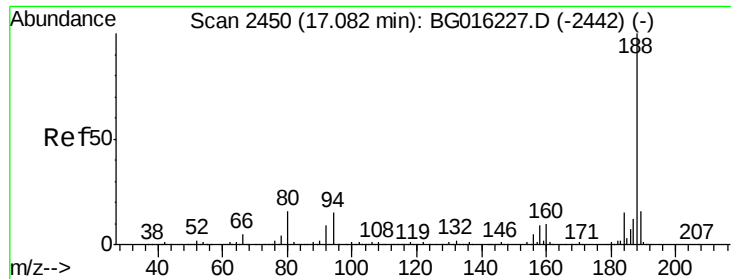


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

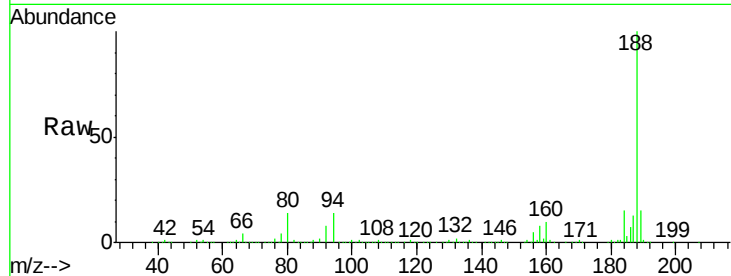




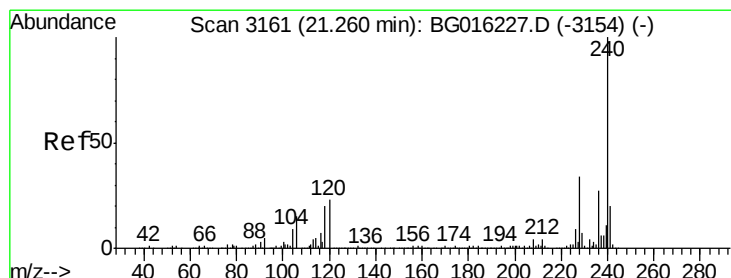
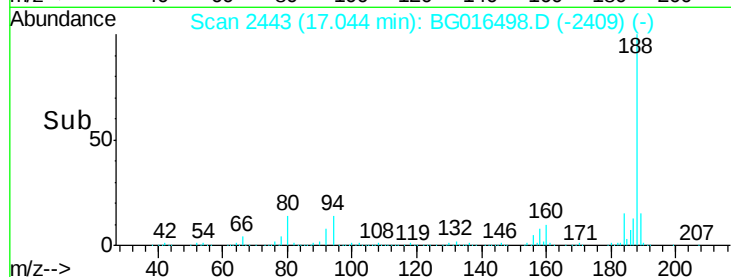
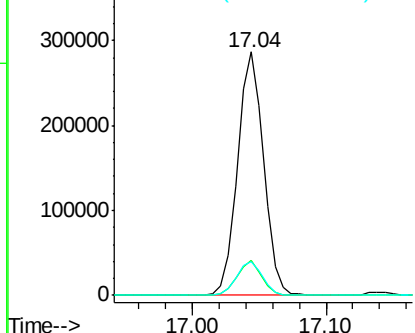
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG016498.D
Acq: 17 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
S1-2-17

Tgt Ion:188 Resp: 387301
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 13.6 12.8 19.2

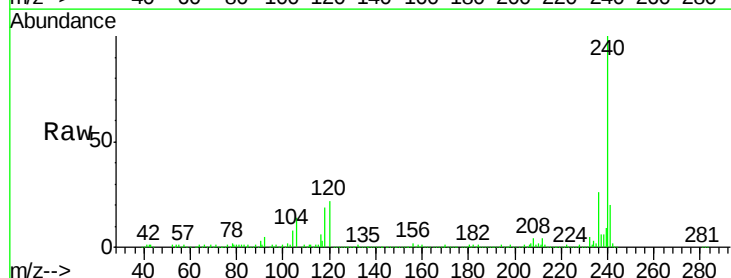


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

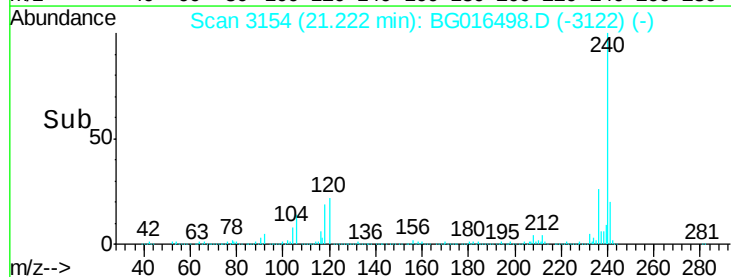
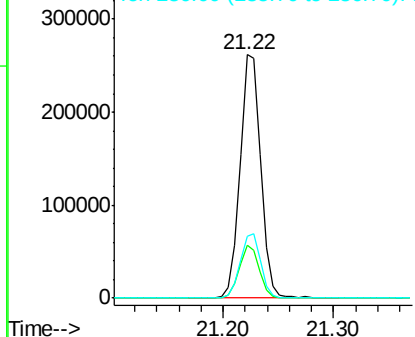


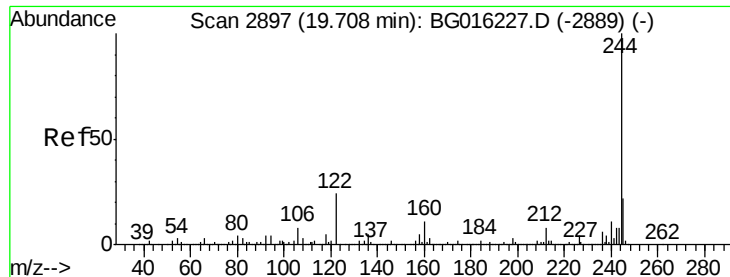
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG016498.D
Acq: 17 Apr 2015 21:01

Tgt Ion:240 Resp: 345389
Ion Ratio Lower Upper
240 100
120 21.8 18.6 28.0
236 25.5 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: 73.01 ng

RT: 19.68 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016498.D

Acq: 17 Apr 2015 21:01

Instrument :

BNA_G

ClientSampled :

S1-2-17

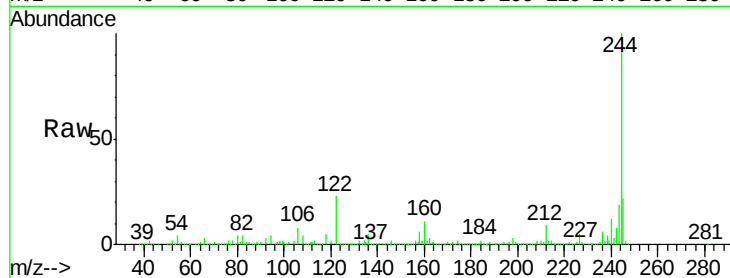
Tgt Ion:244 Resp: 1077514

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

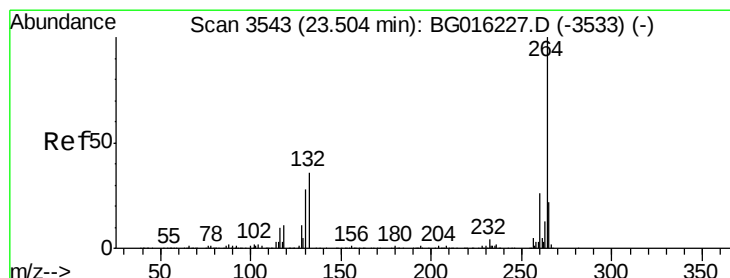
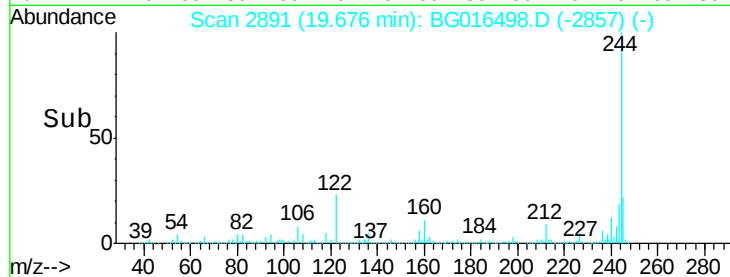
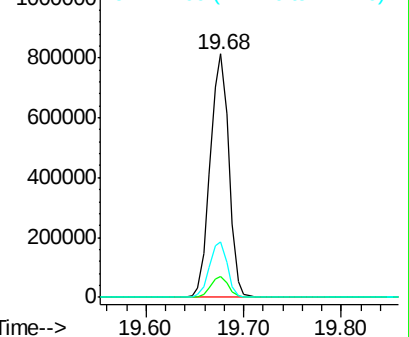
122 23.0 19.1 28.7



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: BG016498.D

Acq: 17 Apr 2015 21:01

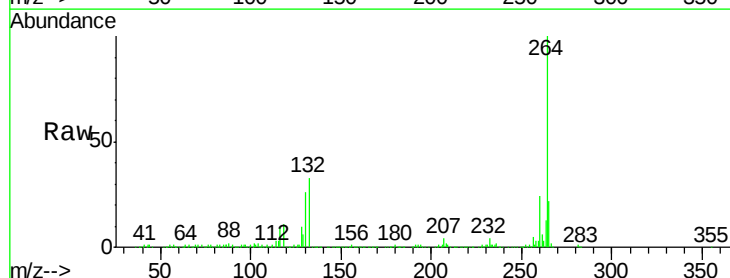
Tgt Ion:264 Resp: 327772

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 22.2 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

