

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016636.D
 Acq On : 23 Apr 2015 3:12
 Operator : TP/IZ
 Sample : G1968-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-14

Quant Time: Apr 23 04:18:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 03:17:21 2015
 Response via : Initial Calibration

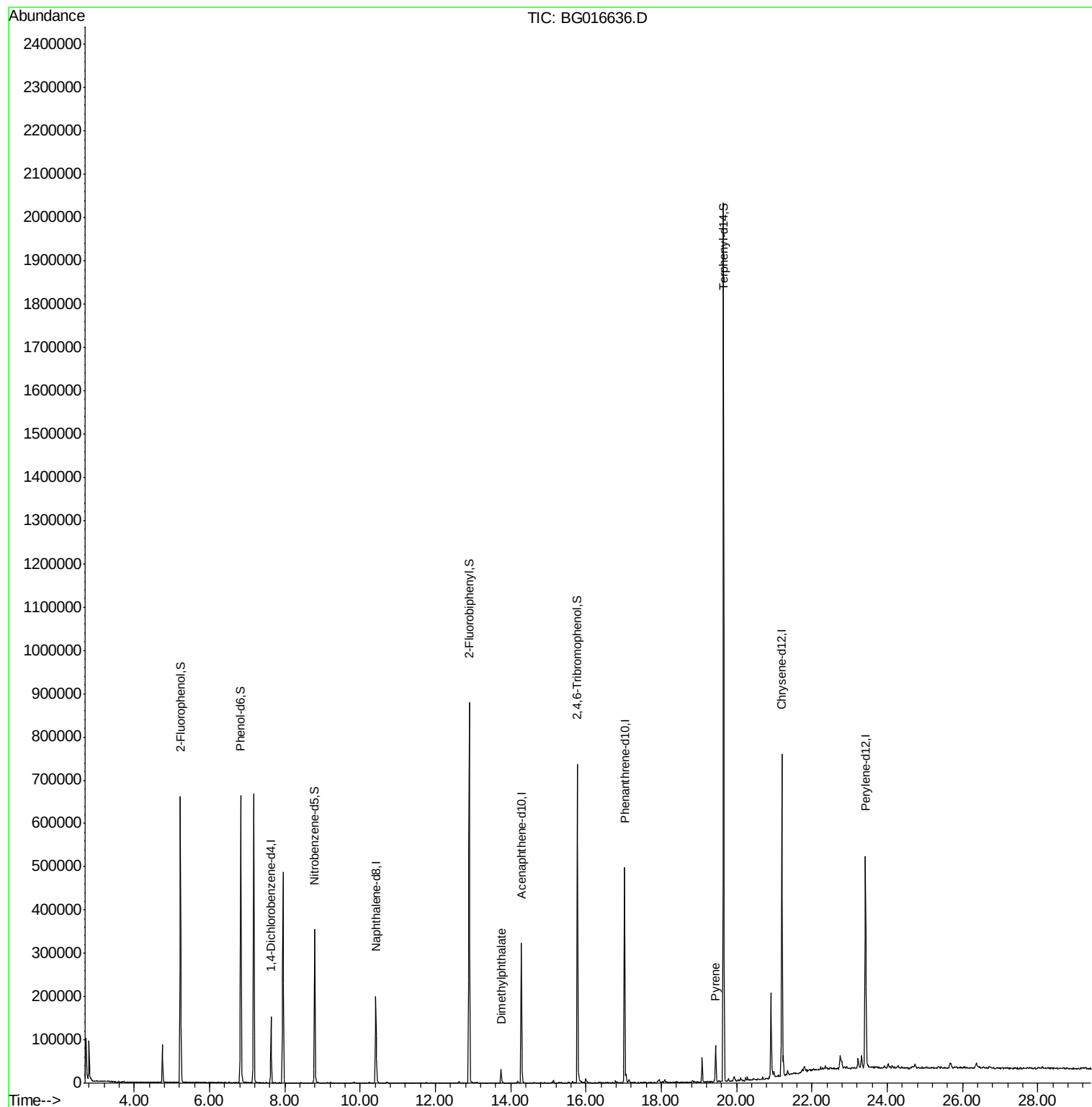
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	43096	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	185682	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	106971	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	277784	20.00	ng	0.00
75) Chrysene-d12	21.21	240	297451	20.00	ng	0.00
86) Perylene-d12	23.42	264	281218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	313615	116.63	ng	0.00
7) Phenol-d6	6.83	99	440605	117.28	ng	0.00
23) Nitrobenzene-d5	8.79	82	211488	70.13	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	103027	141.81	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	451721	69.94	ng	0.00
78) Terphenyl-d14	19.65	244	759965	61.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.75	163	26036	3.29	ng	99
77) Pyrene	19.44	202	46175	2.31	ng	97

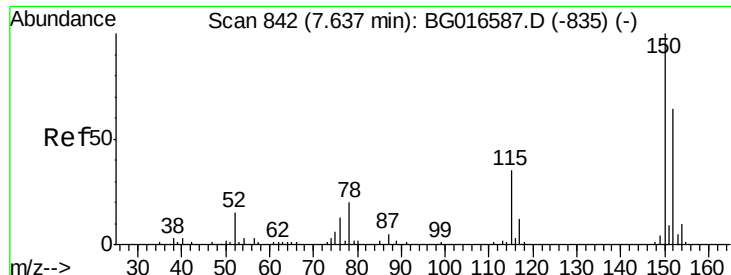
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PE-14

Quant Time: Apr 23 04:18:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 03:17:21 2015
Response via : Initial Calibration



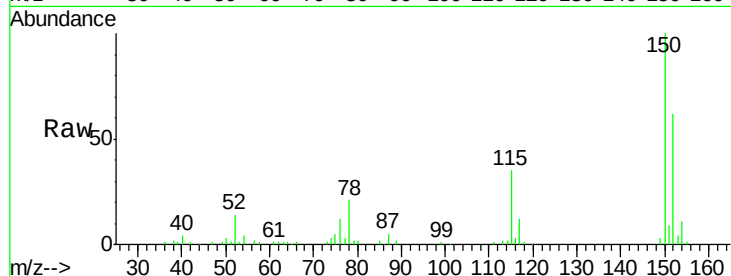


#1

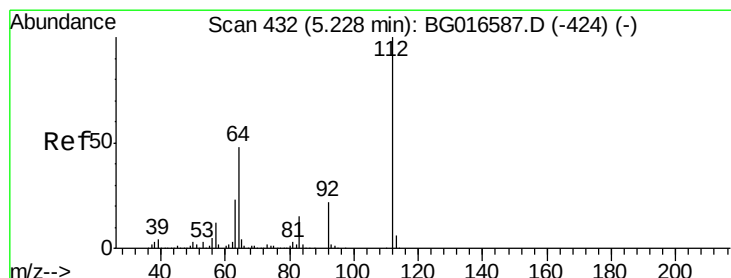
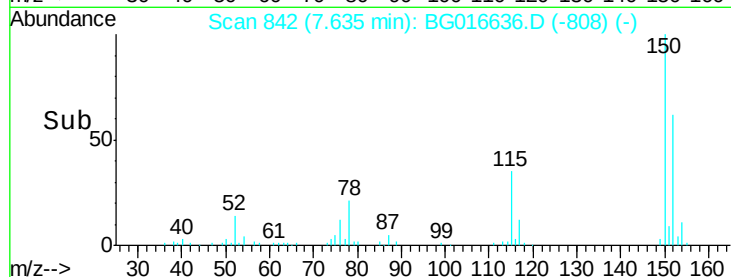
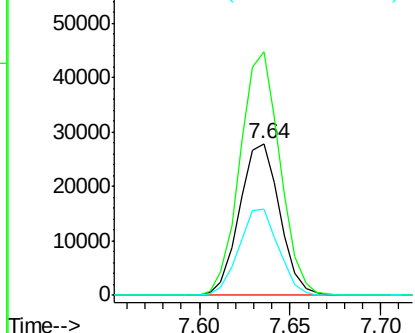
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG016636.D
Acq: 23 Apr 2015 3:12

Instrument :
BNA_G
ClientSampleId :
PE-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.5	188.3
115	56.7	44.5	66.7



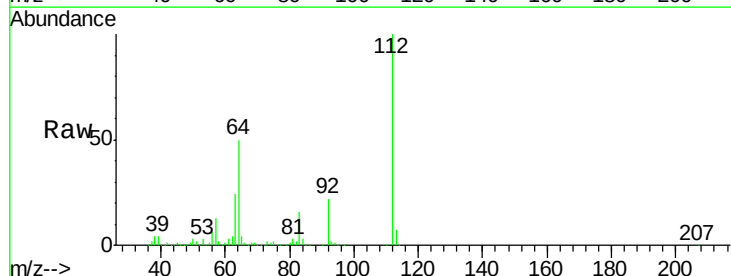
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



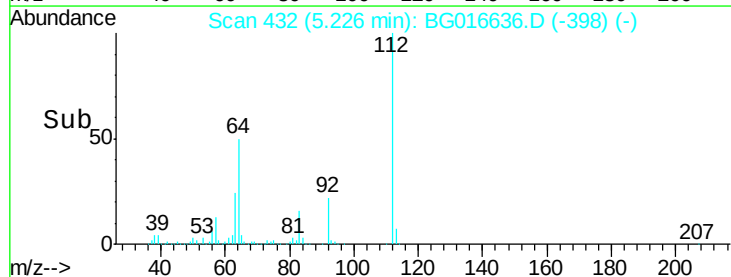
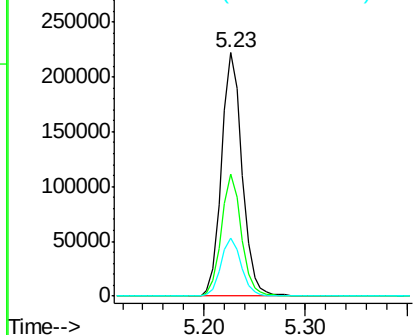
#5

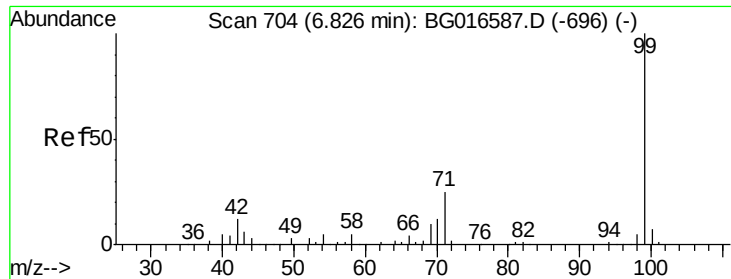
2-Fluorophenol
Concen: 116.63 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.00 min
Lab File: BG016636.D
Acq: 23 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	38.5	57.7
63	23.9	18.2	27.4



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: 117.28 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PE-14

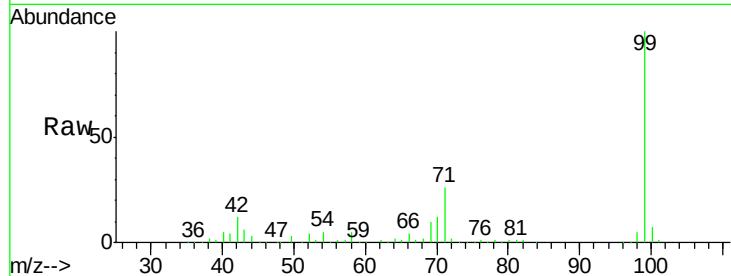
Tot Ion: 99 Resp: 440605

Ion Ratio Lower Upper

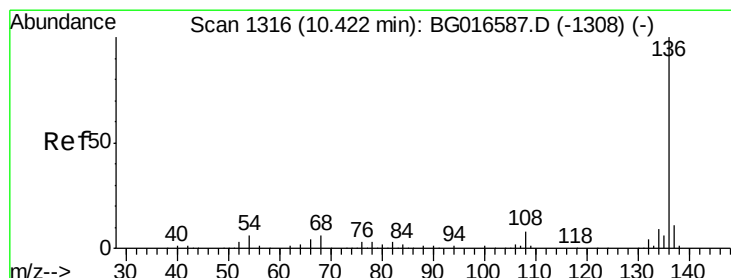
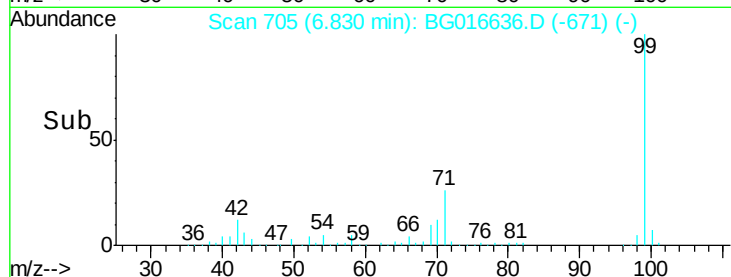
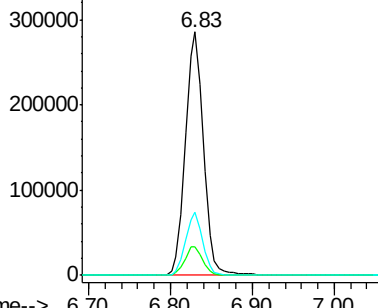
99 100

42 11.5 9.5 14.3

71 25.7 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

Tgt Ion: 136 Resp: 185682

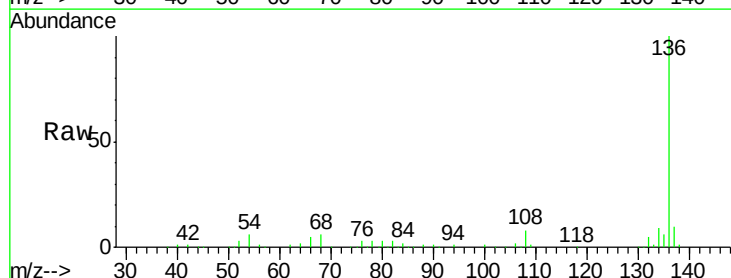
Ion Ratio Lower Upper

136 100

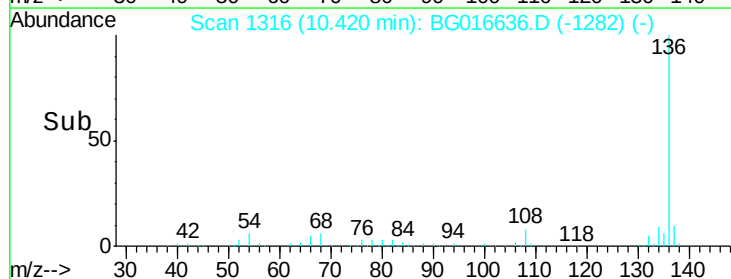
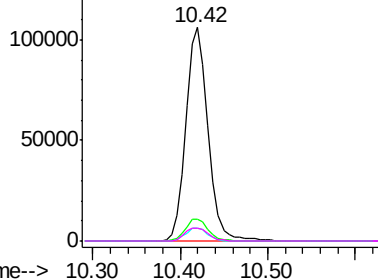
137 10.4 8.8 13.2

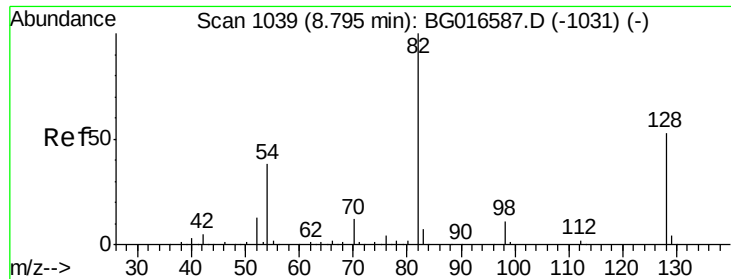
54 6.2 4.9 7.3

68 6.0 4.9 7.3



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

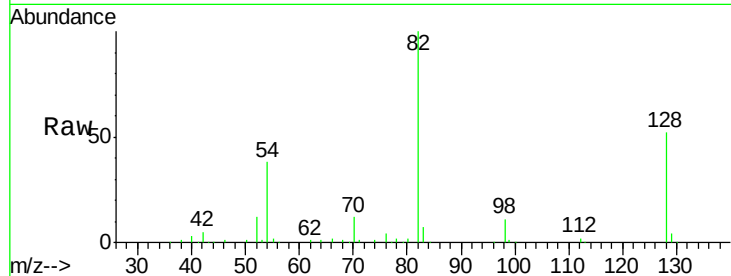




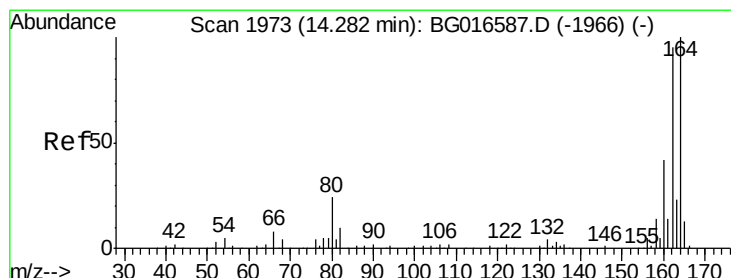
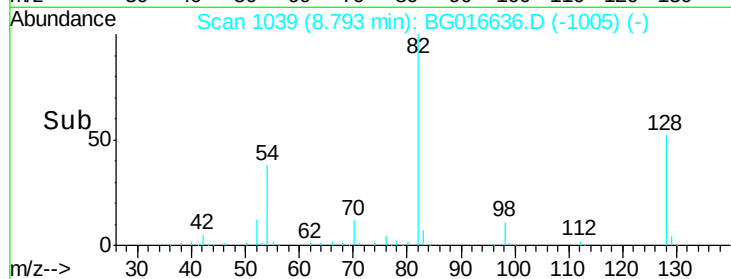
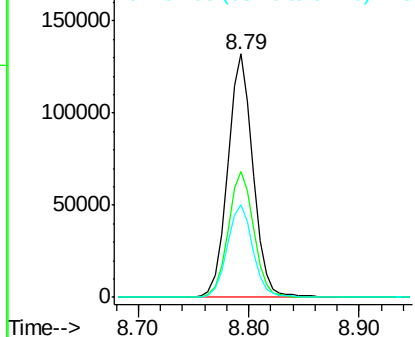
#23
Nitrobenzene-d5
Concen: 70.13 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016636.D
Acq: 23 Apr 2015 3:12

Instrument :
BNA_G
ClientSampled :
PE-14

Tot Ion: 82 Resp: 211488
Ion Ratio Lower Upper
82 100
128 51.6 42.7 64.1
54 38.0 30.6 45.8

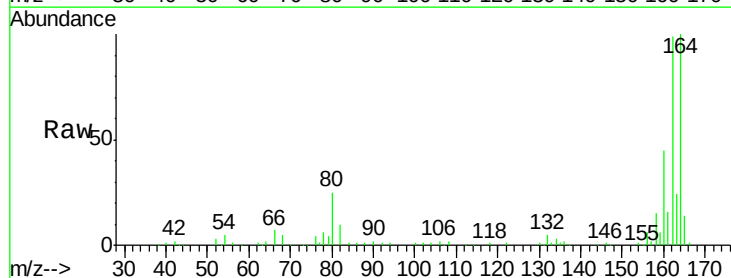


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

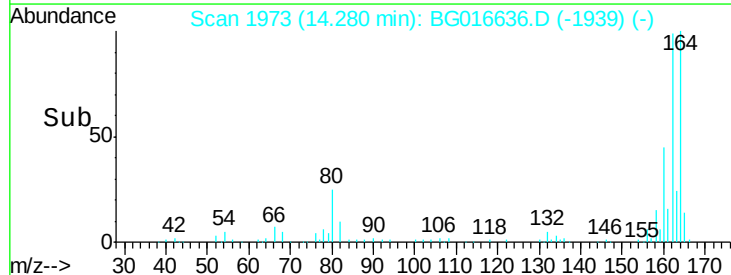
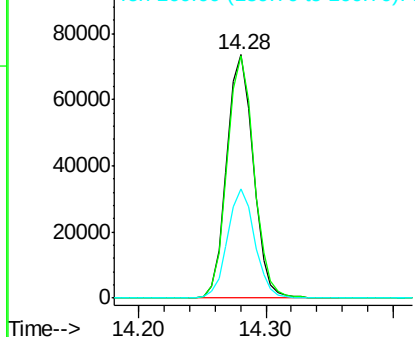


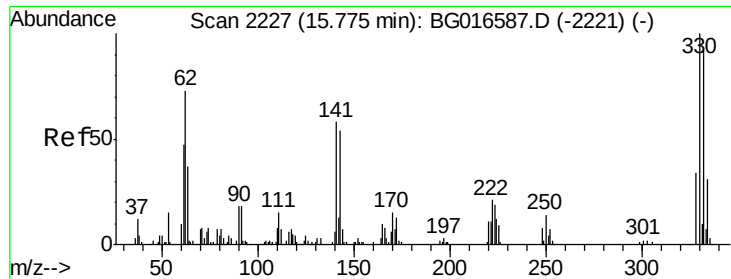
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016636.D
Acq: 23 Apr 2015 3:12

Tgt Ion:164 Resp: 106971
Ion Ratio Lower Upper
164 100
162 99.4 75.8 113.6
160 44.9 33.8 50.6



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

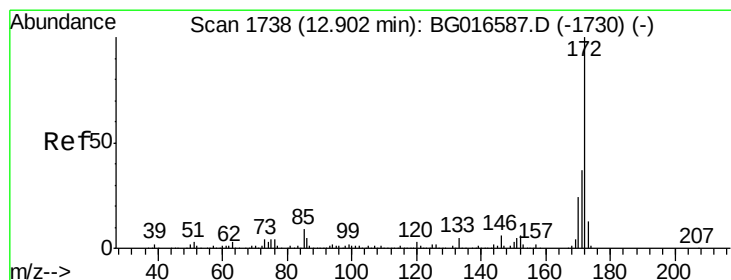
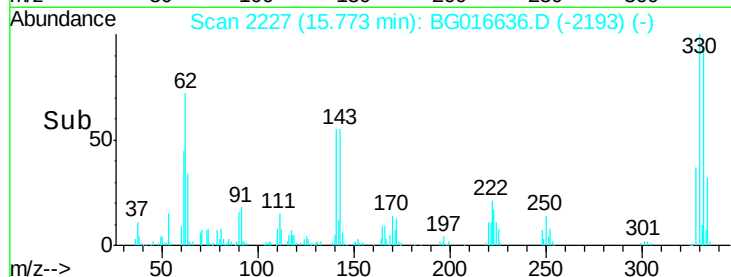
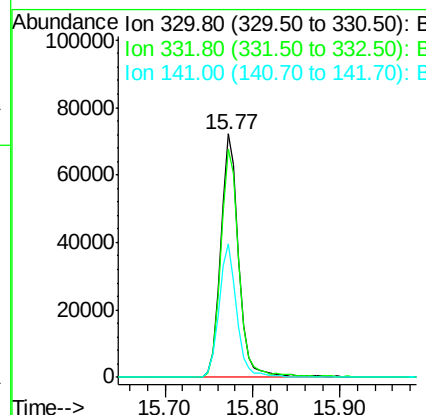
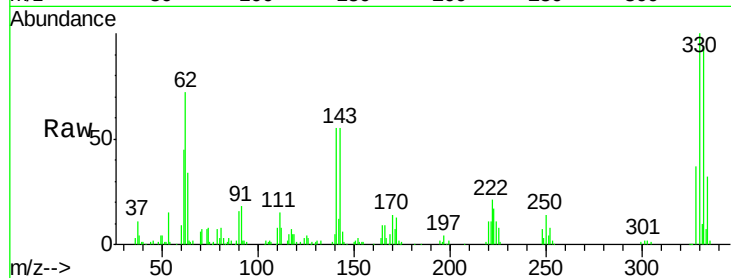




#41
 2,4,6-Tribromophenol
 Concen: 141.81 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG016636.D
 Acq: 23 Apr 2015 3:12

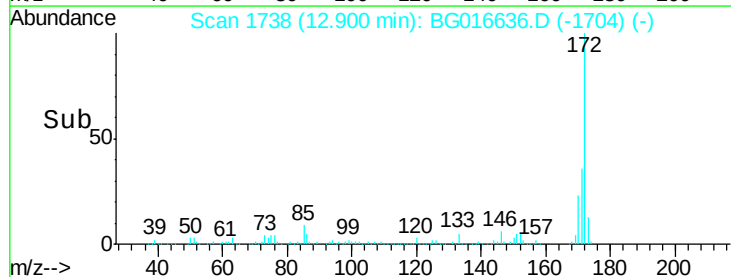
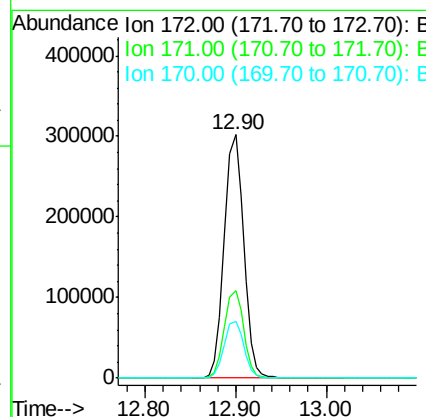
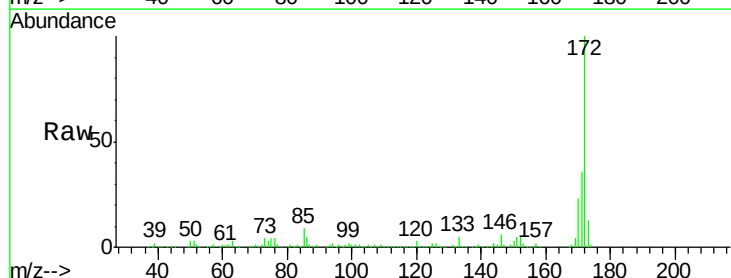
Instrument :
 BNA_G
 ClientSampled :
 PE-14

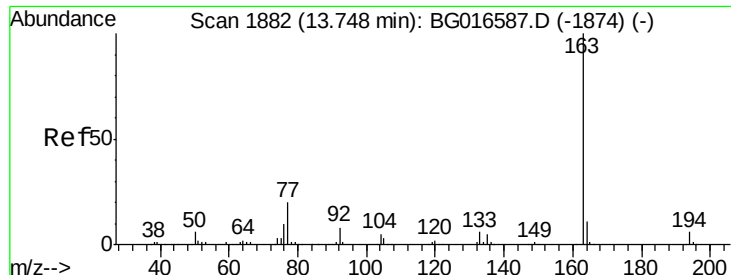
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	54.2	45.9	68.9



#44
 2-Fluorobiphenyl
 Concen: 69.94 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG016636.D
 Acq: 23 Apr 2015 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.1	19.4	29.0





#49

Dimethylphthalate

Concen: 3.29 ng

RT: 13.75 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PE-14

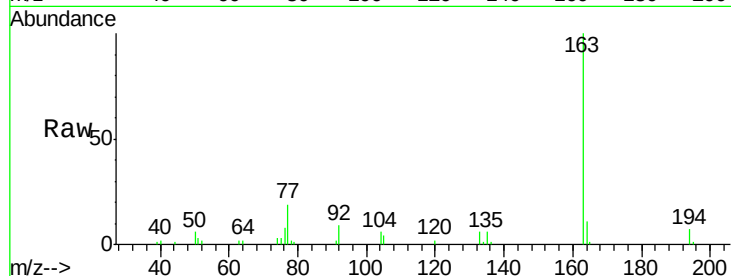
Tot Ion:163 Resp: 26036

Ion Ratio Lower Upper

163 100

194 6.6 4.9 7.3

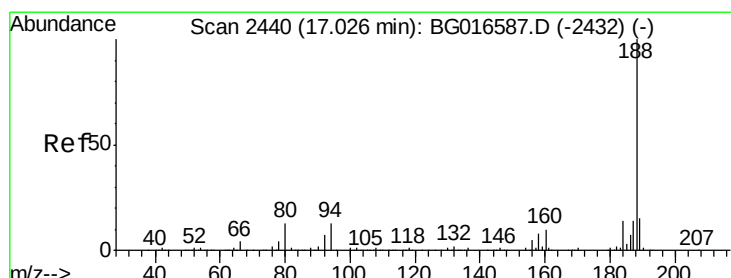
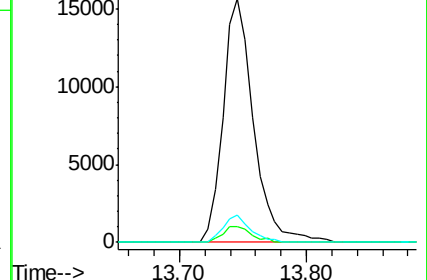
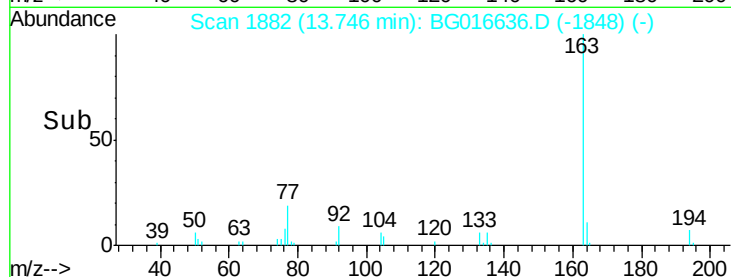
164 11.1 8.6 12.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

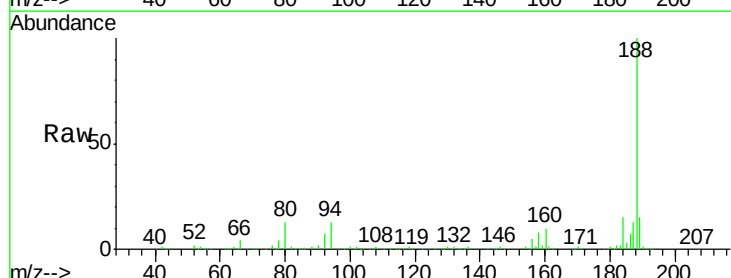
Tgt Ion:188 Resp: 277784

Ion Ratio Lower Upper

188 100

94 13.3 10.5 15.7

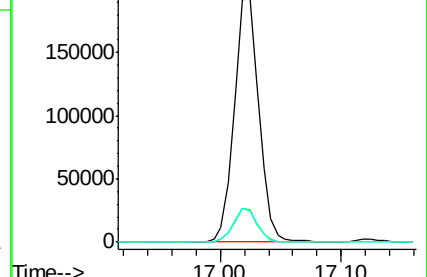
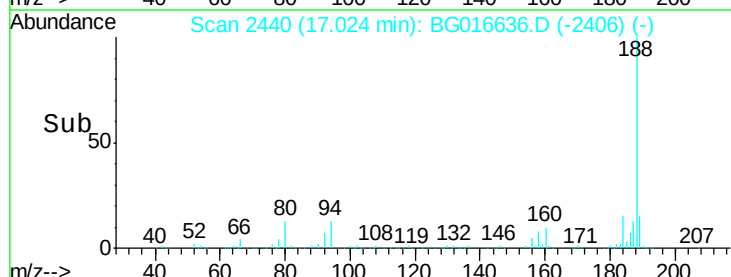
80 12.7 10.6 16.0

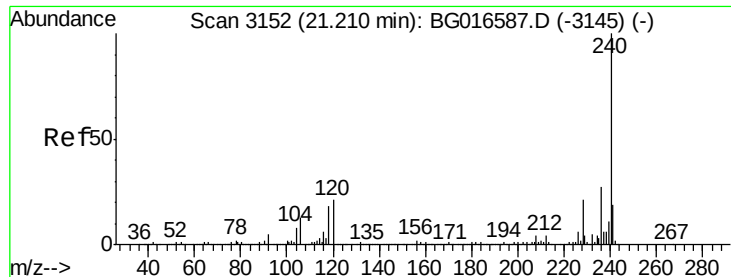


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PE-14

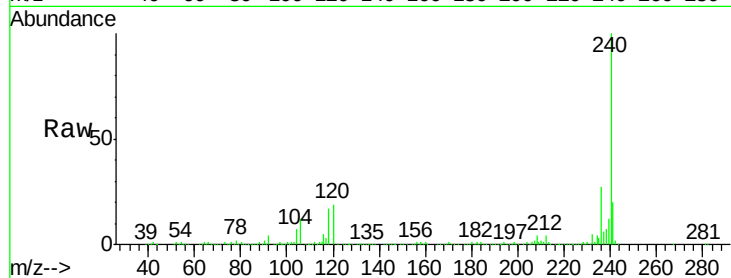
Tot Ion:240 Resp: 297451

Ion Ratio Lower Upper

240 100

120 19.0 16.7 25.1

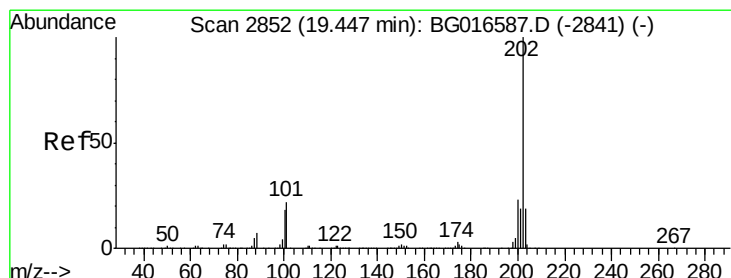
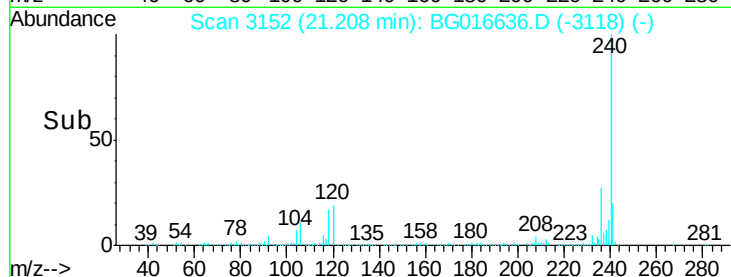
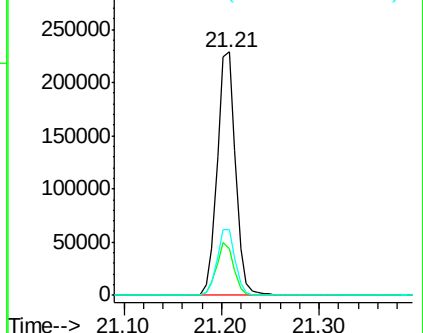
236 27.1 21.7 32.5



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



#77

Pyrene

Concen: 2.31 ng

RT: 19.44 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

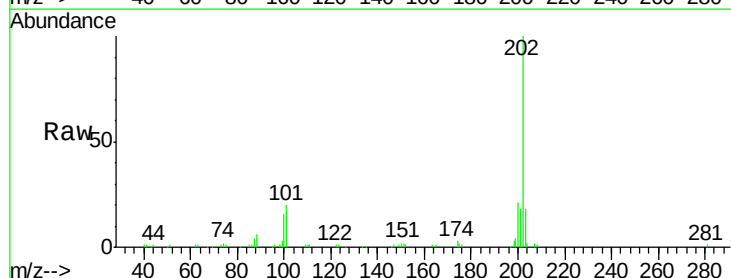
Tgt Ion:202 Resp: 46175

Ion Ratio Lower Upper

202 100

200 21.1 18.2 27.2

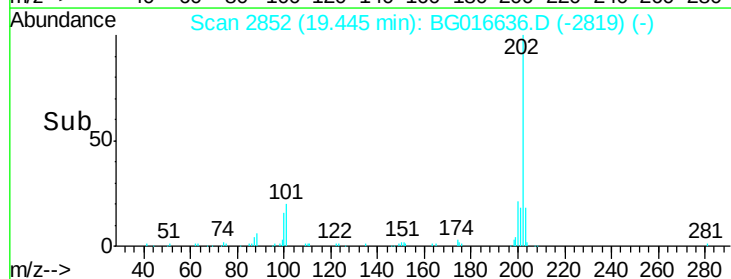
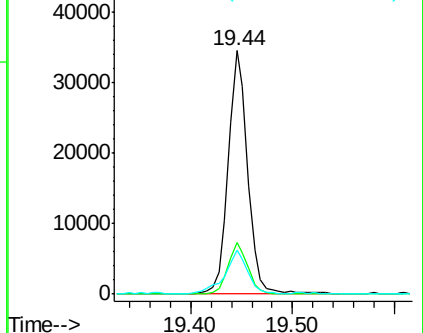
203 17.9 15.2 22.8

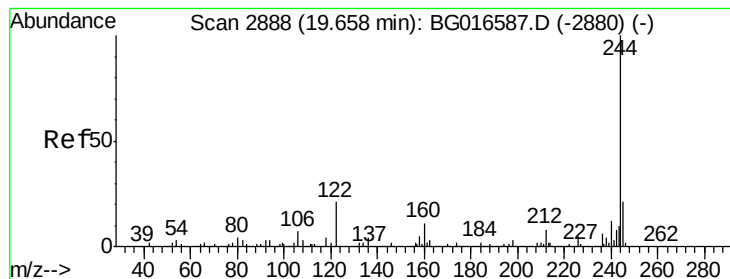


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.55 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

Instrument :

BNA_G

ClientSampleId :

PE-14

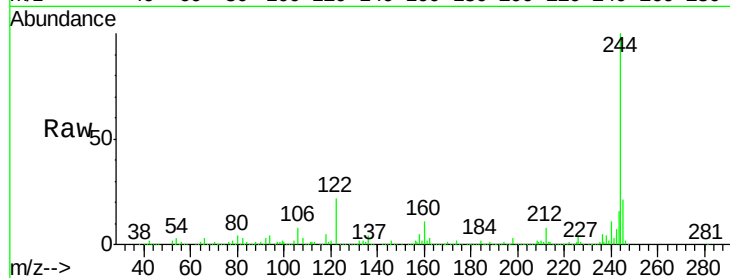
Tot Ion:244 Resp: 759965

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

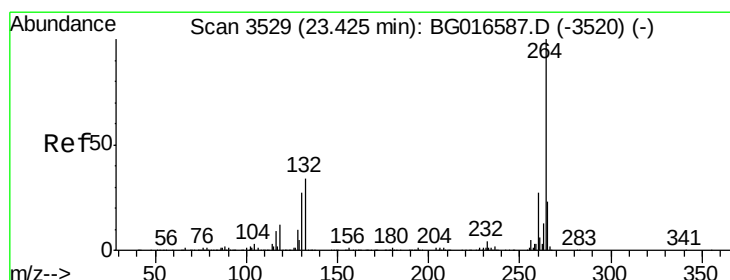
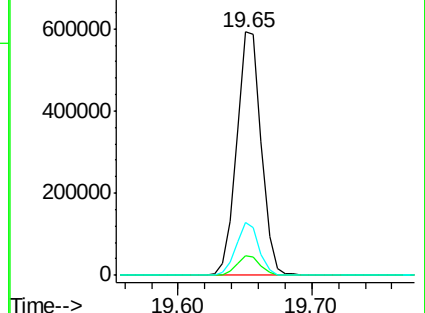
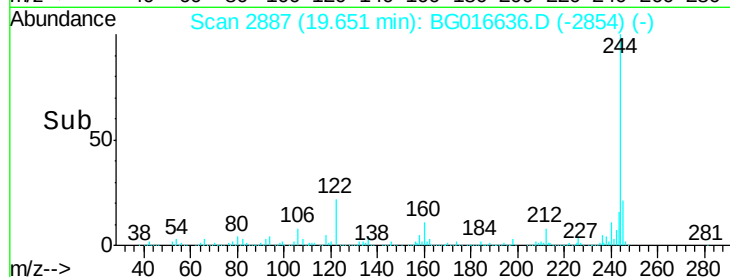
122 21.6 17.0 25.6



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: 23.42 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BG016636.D

Acq: 23 Apr 2015 3:12

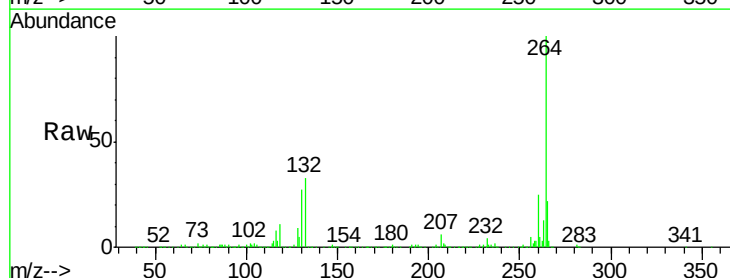
Tgt Ion:264 Resp: 281218

Ion Ratio Lower Upper

264 100

260 25.3 21.4 32.2

265 22.4 18.7 28.1



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

