

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022356.D
 Acq On : 15 Jun 2016 6:02
 Operator : UM/SJ
 Sample : H3492-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Quant Time: Jun 15 07:02:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

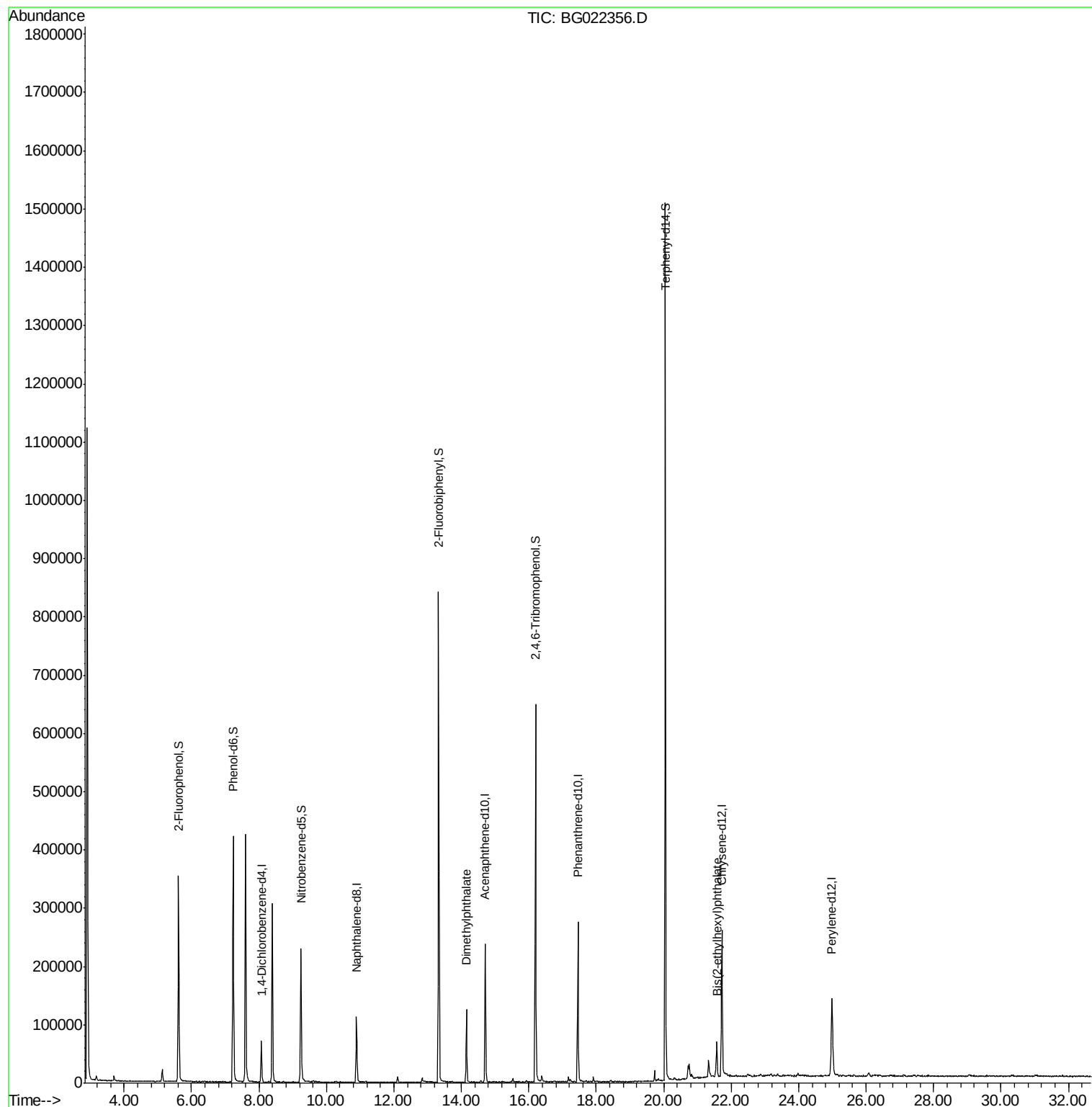
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24579	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	129169	20.00	ng	-0.02
38) Acenaphthene-d10	14.71	164	88226	20.00	ng	-0.02
63) Phenanthrene-d10	17.45	188	195966	20.00	ng	-0.02
75) Chrysene-d12	21.72	240	169164	20.00	ng	-0.02
86) Perylene-d12	24.99	264	157040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	229875	180.83	ng	-0.02
7) Phenol-d6	7.23	99	361876	181.05	ng	-0.02
23) Nitrobenzene-d5	9.24	82	188998	102.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	142398	142.84	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	508654	87.86	ng	-0.01
78) Terphenyl-d14	20.05	244	711534	99.86	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.15	163	110053	15.04	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	45135	6.29	ng	99

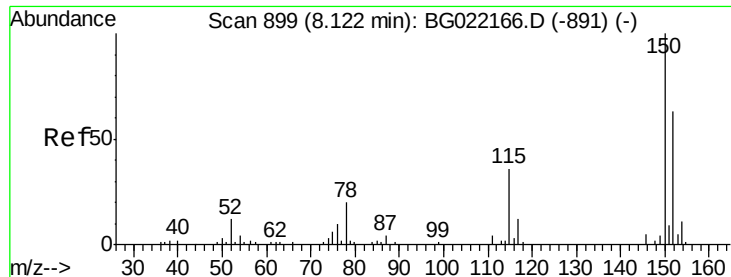
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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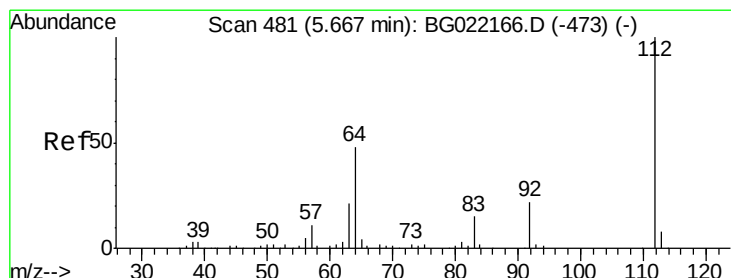
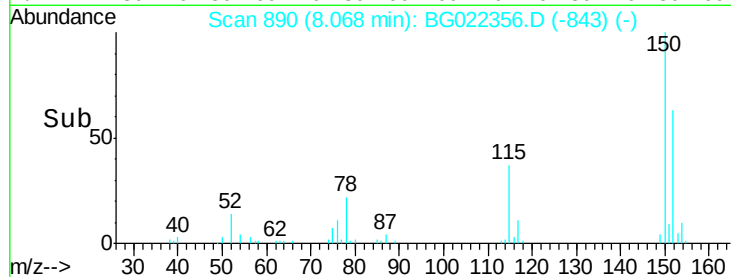
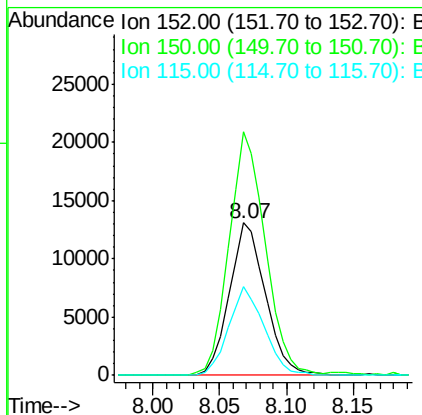
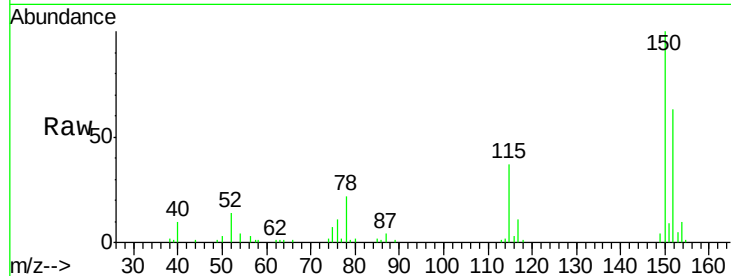


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG022356.D
Acq: 15 Jun 2016 6:02

Instrument :
BNA_G
ClientSampleId :
SB-01-COMP

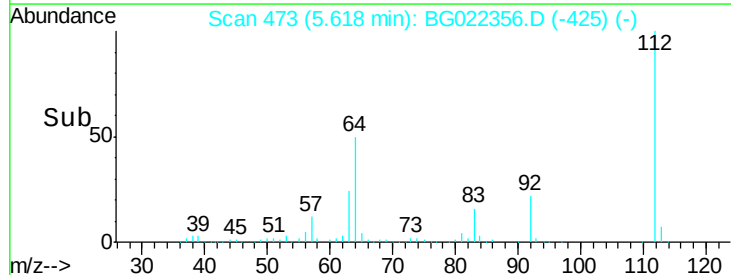
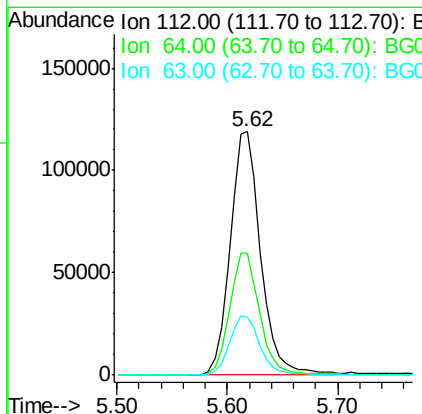
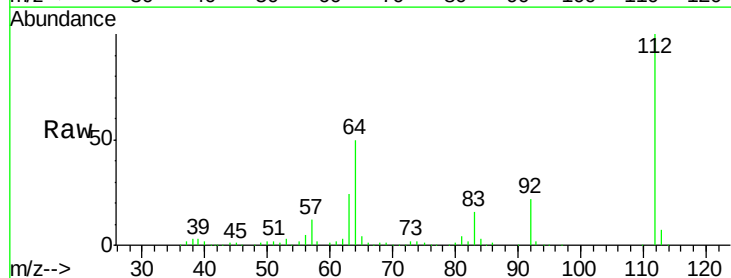
Tot Ion:152 Resp: 24579
Ion Ratio Lower Upper
152 100
150 160.0 130.1 195.1
115 58.6 62.2 93.2#

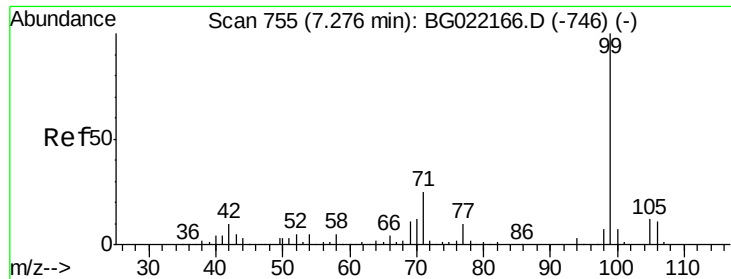


#5

2-Fluorophenol
Concen: 180.83 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022356.D
Acq: 15 Jun 2016 6:02

Tgt Ion:112 Resp: 229875
Ion Ratio Lower Upper
112 100
64 50.1 51.1 76.7#
63 23.9 24.6 37.0#





#7

Phenol-d6

Concen: 181.05 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

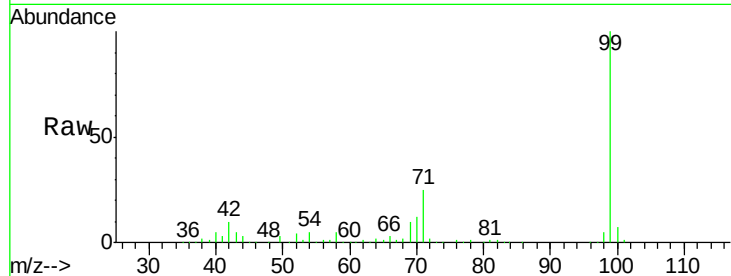
Tot Ion: 99 Resp: 361876

Ion Ratio Lower Upper

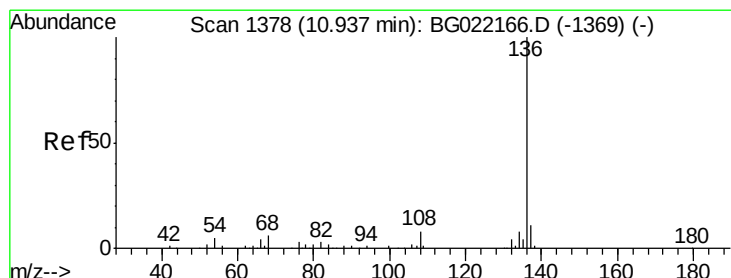
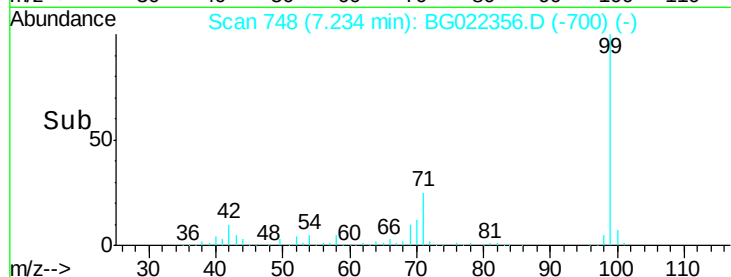
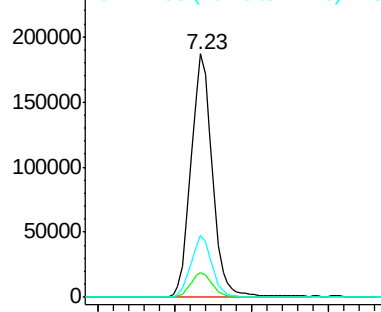
99 100

42 9.9 16.4 24.6#

71 25.4 25.0 37.4



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: 10.89 min Scan# 1370

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

Tgt Ion: 136 Resp: 129169

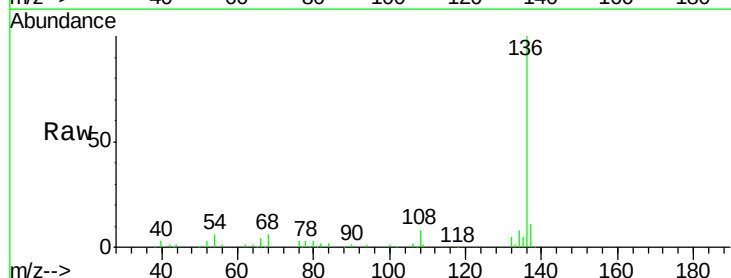
Ion Ratio Lower Upper

136 100

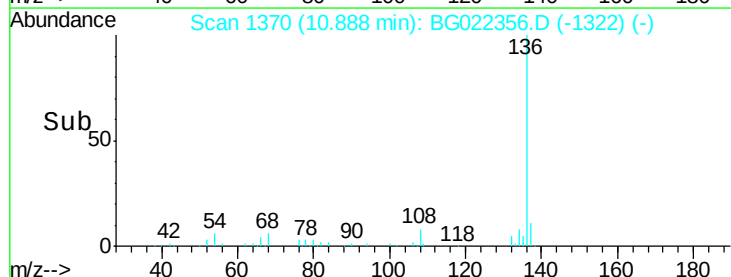
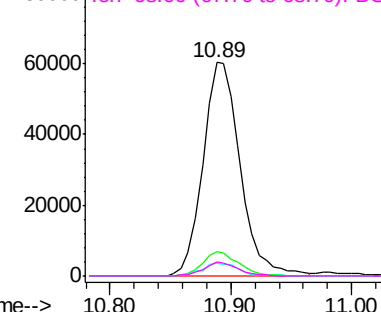
137 11.3 9.0 13.4

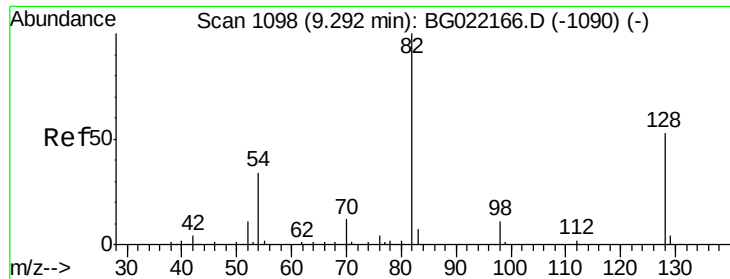
54 6.3 9.6 14.4#

68 6.4 6.4 9.6#



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

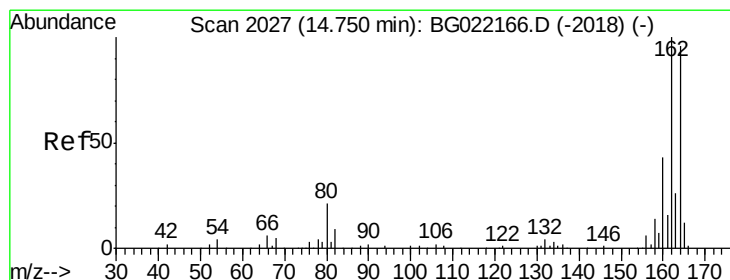
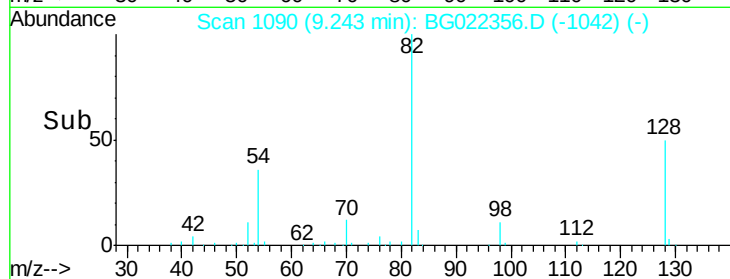
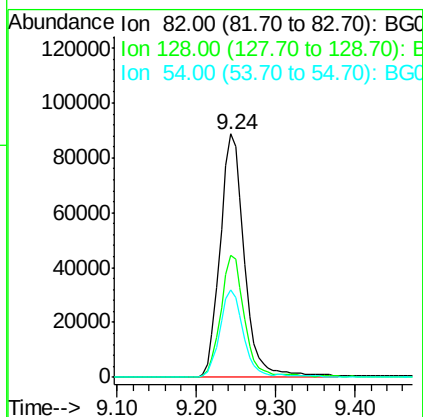
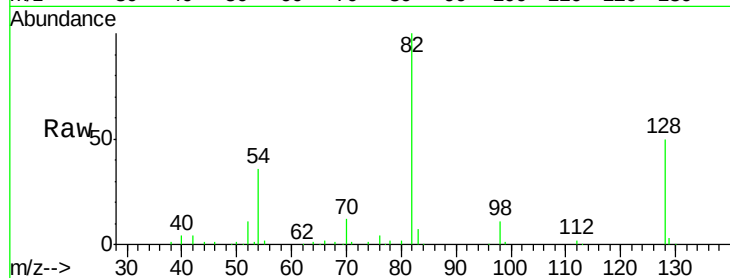




#23
 Nitrobenzene-d5
 Concen: 102.01 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022356.D
 Acq: 15 Jun 2016 6:02

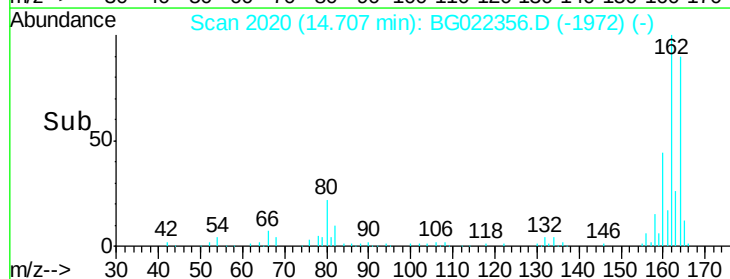
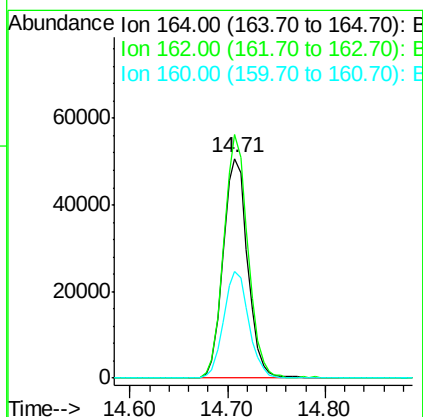
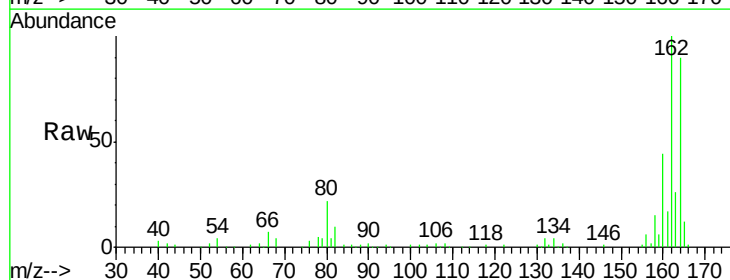
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

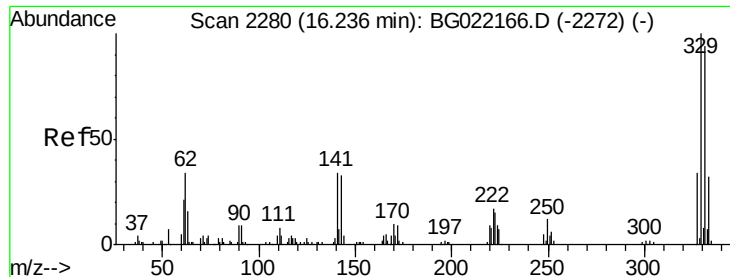
Tot Ion	82	Resp	188998
Ion Ratio	100		
Lower	33.4		
Upper	50.0		
128	50.3		
54	35.7		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BG022356.D
 Acq: 15 Jun 2016 6:02

Tgt Ion	164	Resp	88226
Ion Ratio	100		
Lower	78.0		
Upper	117.0		
162	110.8		
160	48.8		

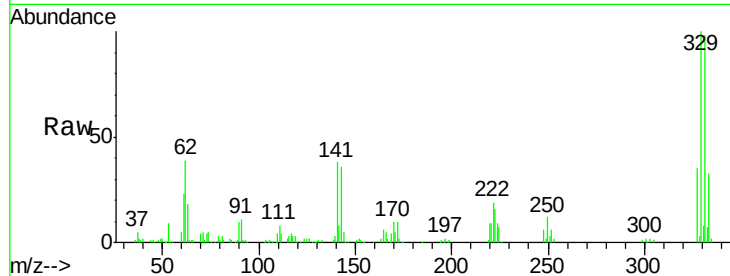




#41
 2,4,6-Tribromophenol
 Concen: 142.84 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022356.D
 Acq: 15 Jun 2016 6:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	40.9	33.8	50.8

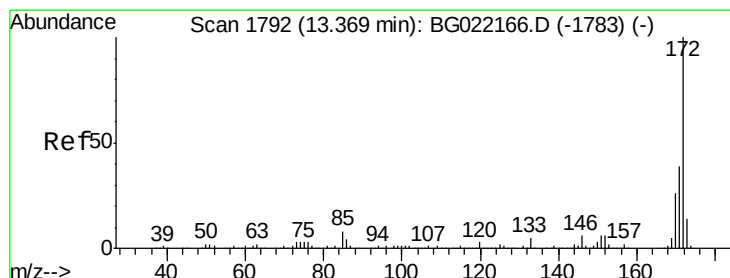
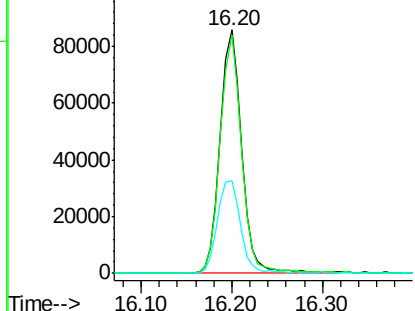
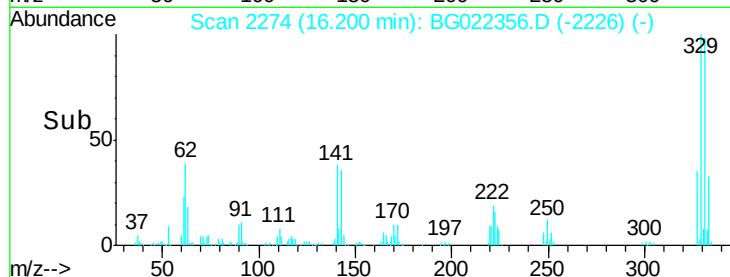


Abundance

Ion 329.80 (329.50 to 330.50): E

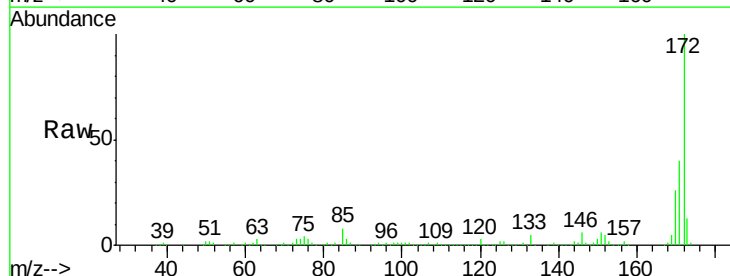
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022356.D
 Acq: 15 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	25.7	19.6	29.4

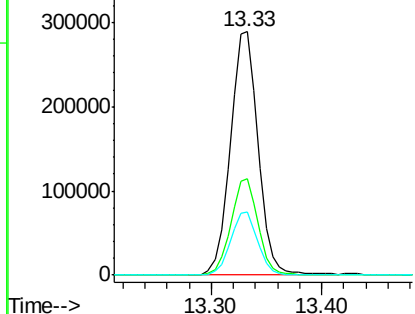
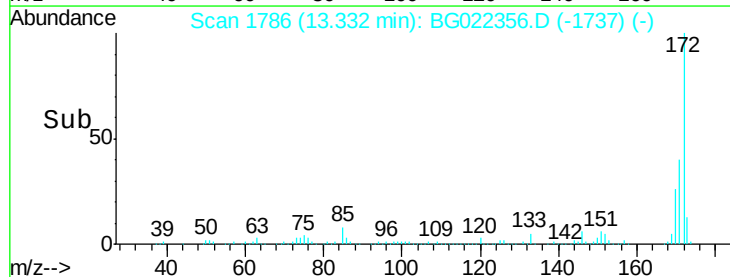


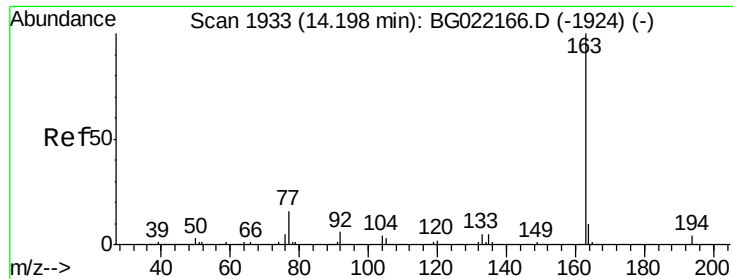
Abundance

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: 15.04 ng

RT: 14.15 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

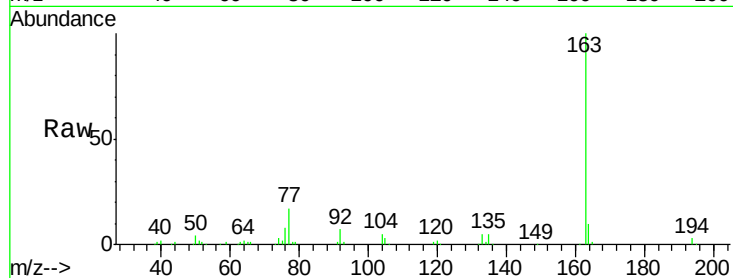
Tot Ion:163 Resp: 110053

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.6

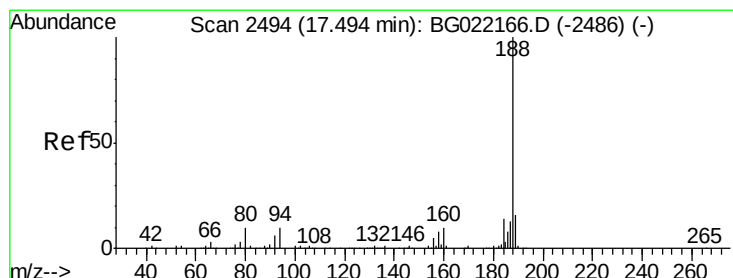
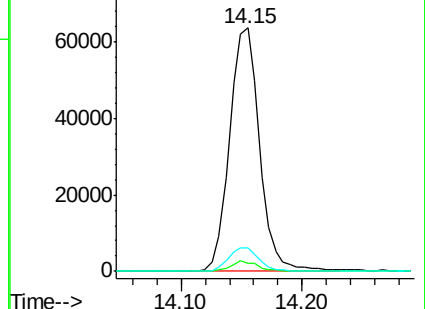
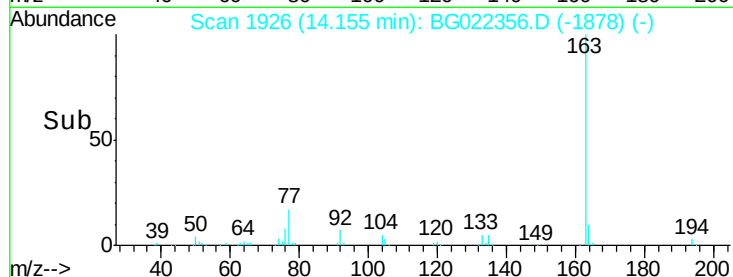
164 9.8 8.1 12.1



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: 17.45 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

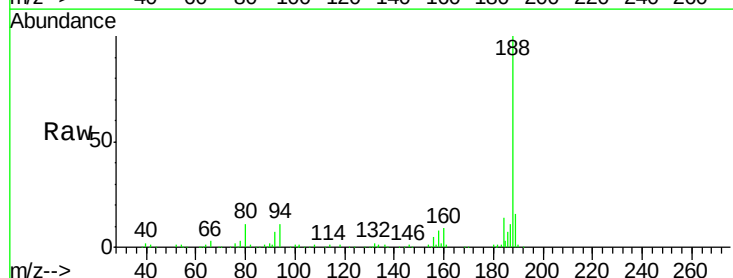
Tgt Ion:188 Resp: 195966

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

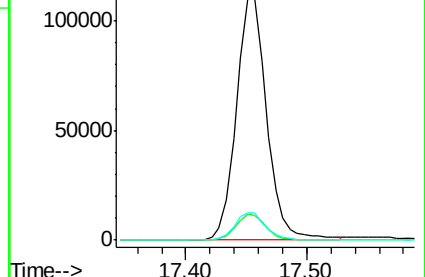
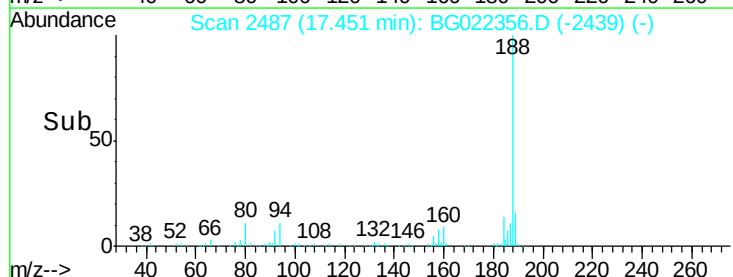
80 11.3 8.6 13.0

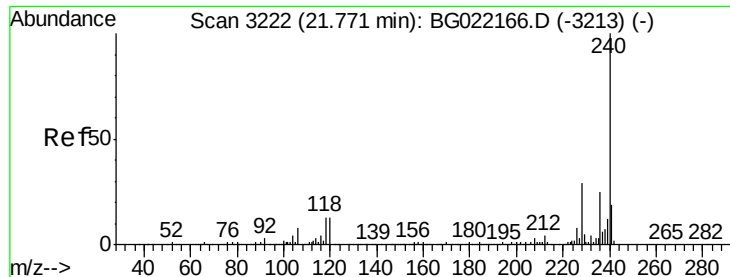


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.72 min Scan# 3214

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

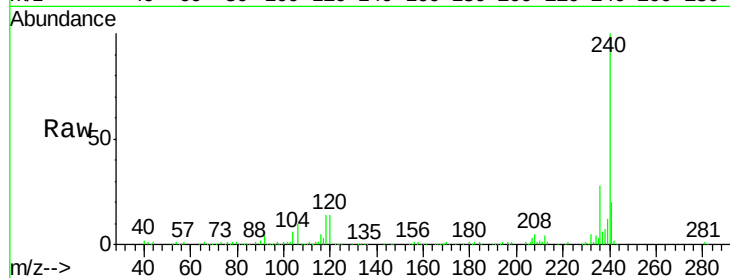
Tot Ion:240 Resp: 169164

Ion Ratio Lower Upper

240 100

120 14.2 8.4 12.6#

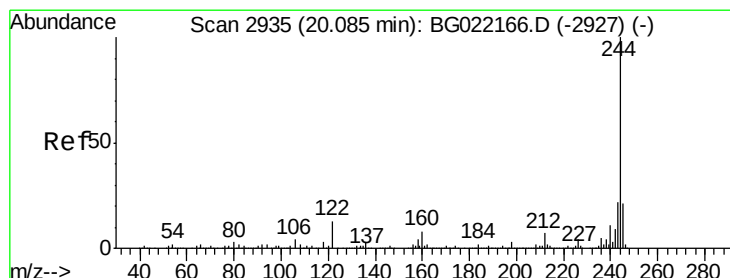
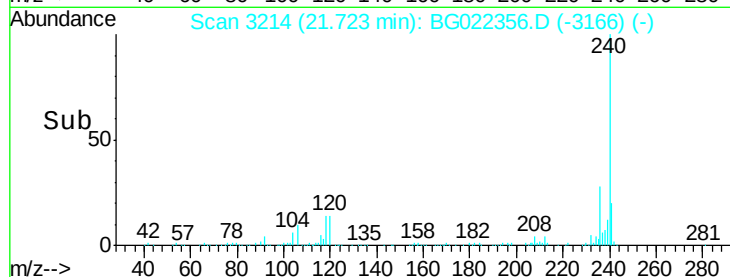
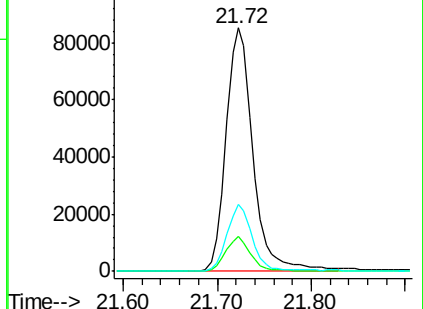
236 27.7 19.6 29.4



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: 99.86 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

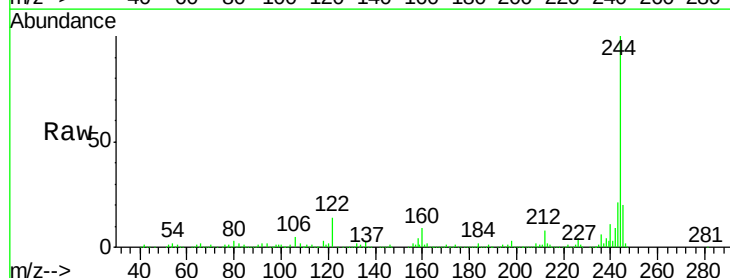
Tgt Ion:244 Resp: 711534

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

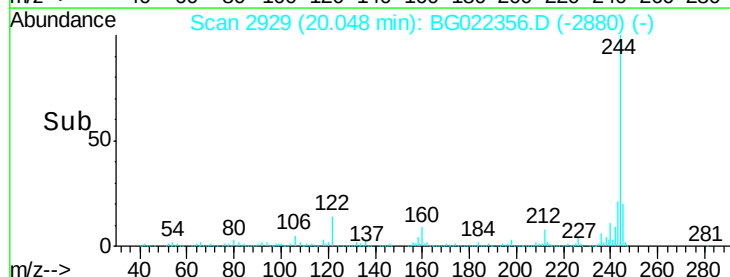
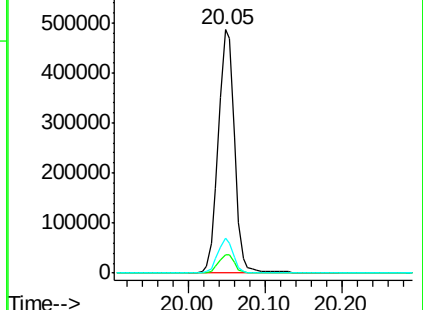
122 14.2 8.6 12.8#

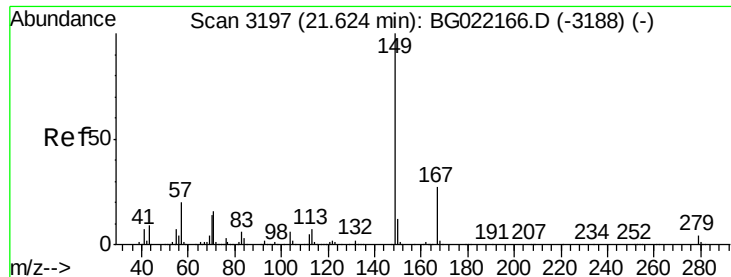


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.29 ng

RT: 21.58 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

Instrument :

BNA_G

ClientSampleId :

SB-01-COMP

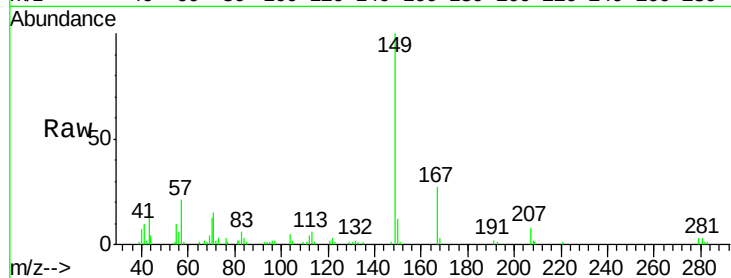
Tot Ion:149 Resp: 45135

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

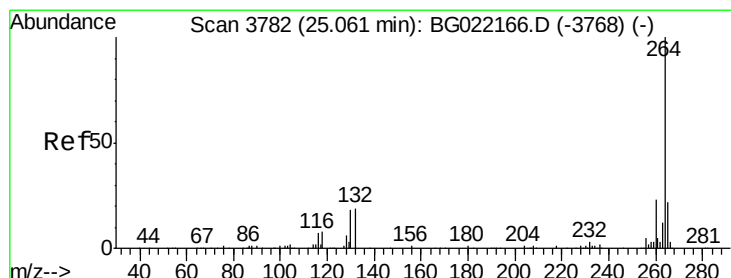
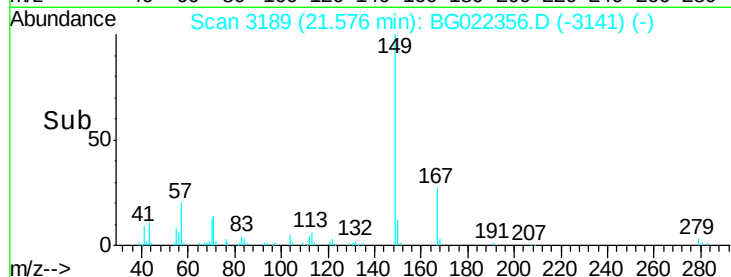
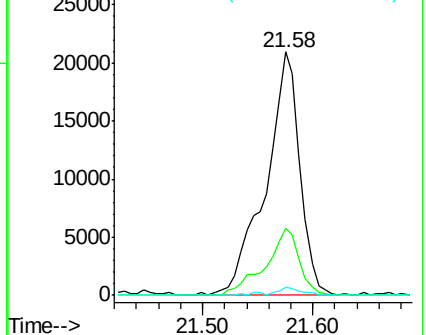
279 3.4 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.02 min

Lab File: BG022356.D

Acq: 15 Jun 2016 6:02

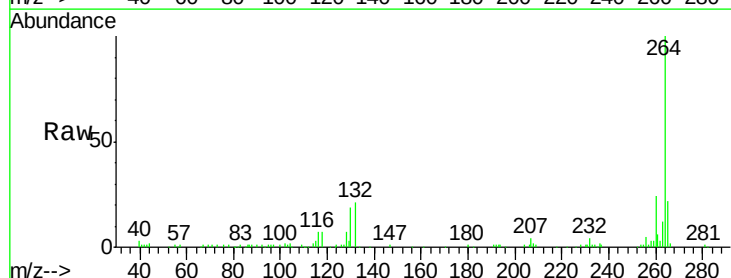
Tgt Ion:264 Resp: 157040

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.4

265 21.7 17.8 26.8



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

