

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018662.D
 Acq On : 14 Sep 2015 15:11
 Operator : UM/IZ
 Sample : PB85471BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

Quant Time: Sep 15 01:27:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

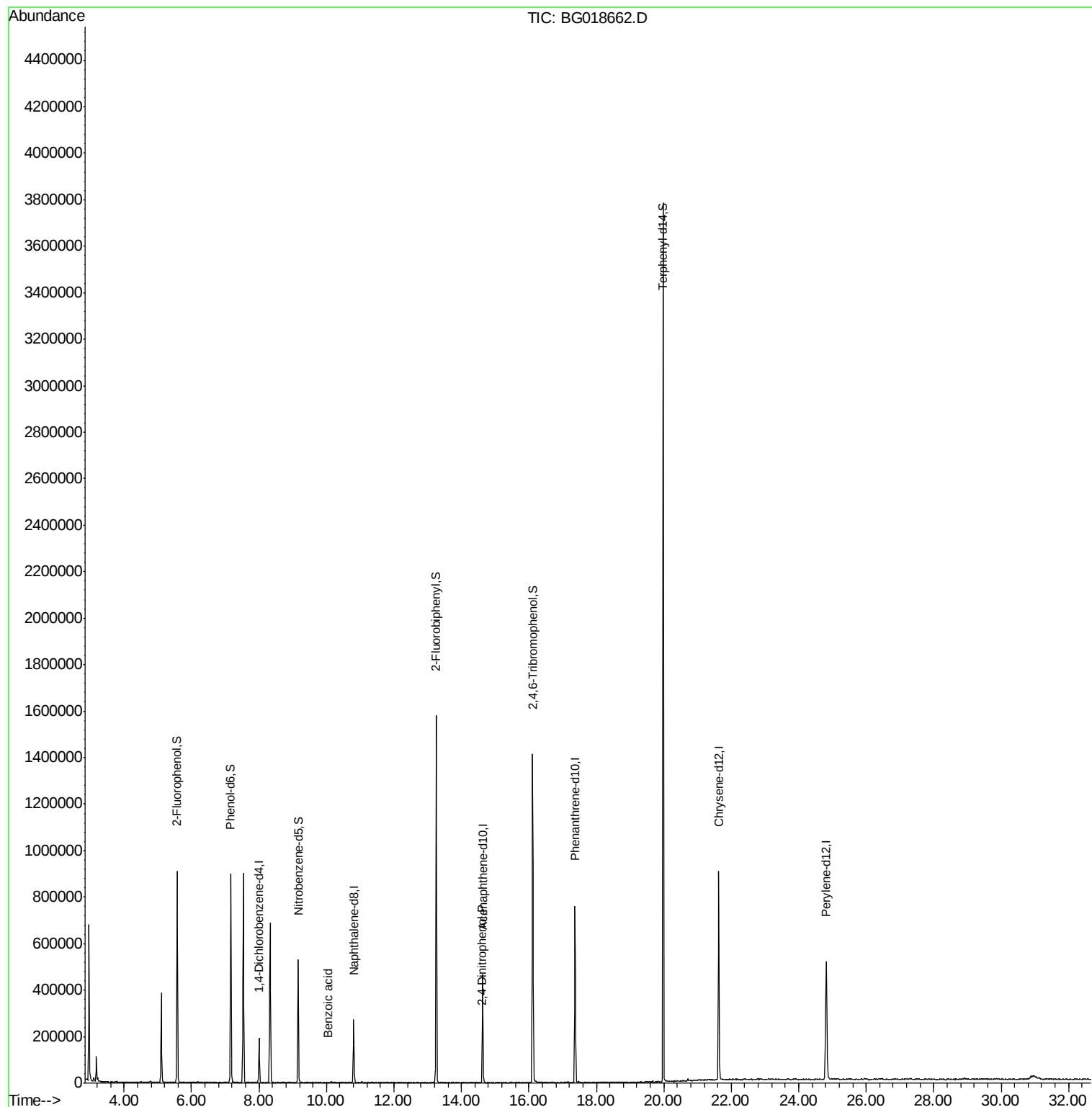
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	59511	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	237225	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	160732	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	480826	20.00	ng	0.00
75) Chrysene-d12	21.63	240	532706	20.00	ng	0.00
86) Perylene-d12	24.82	264	542443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	436797	126.79	ng	0.00
7) Phenol-d6	7.16	99	592143	119.88	ng	0.00
23) Nitrobenzene-d5	9.16	82	328525	77.49	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	285490	131.91	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	880349	76.03	ng	0.00
78) Terphenyl-d14	19.98	244	1621209	79.92	ng	0.00
Target Compounds						
32) Benzoic acid	10.05	122	63	7.95	ng	# 1
53) 2,4-Dinitrophenol	14.61	184	61	7.68	ng	# 24

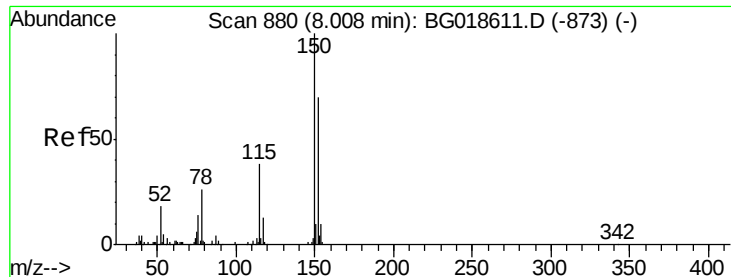
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

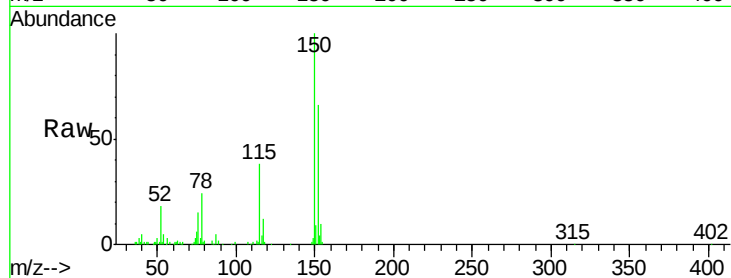
Tot Ion:152 Resp: 59511

Ion Ratio Lower Upper

152 100

150 150.7 115.0 172.4

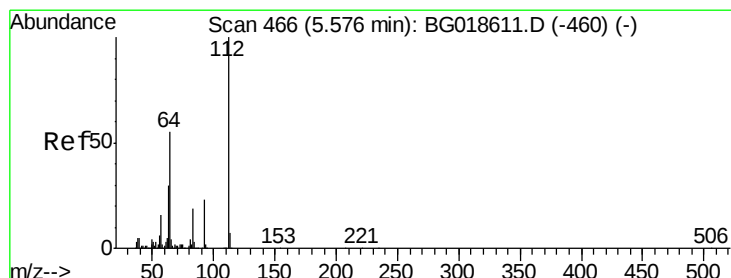
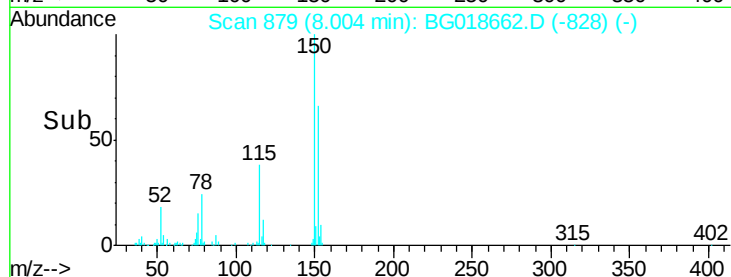
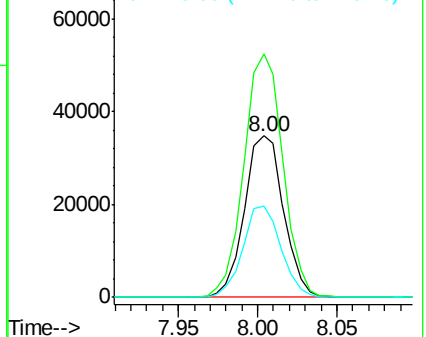
115 56.9 43.9 65.9



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: 126.79 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

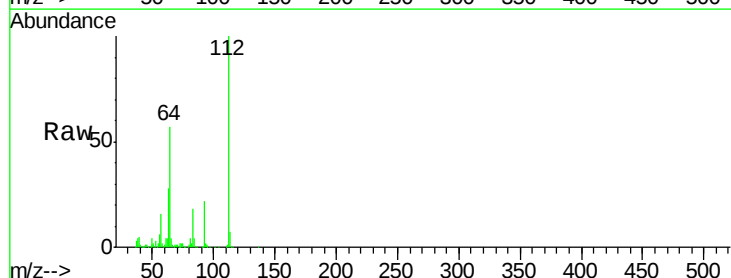
Tgt Ion:112 Resp: 436797

Ion Ratio Lower Upper

112 100

64 56.8 43.7 65.5

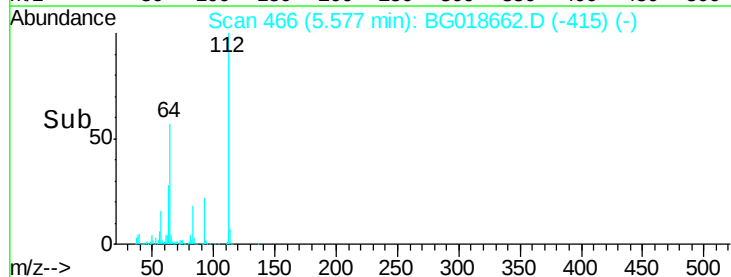
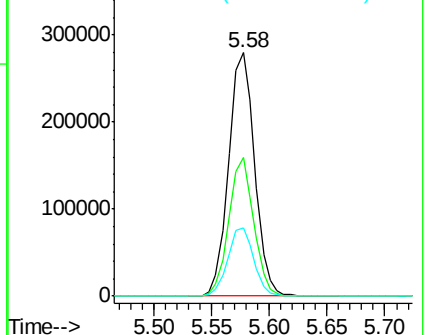
63 28.0 24.0 36.0

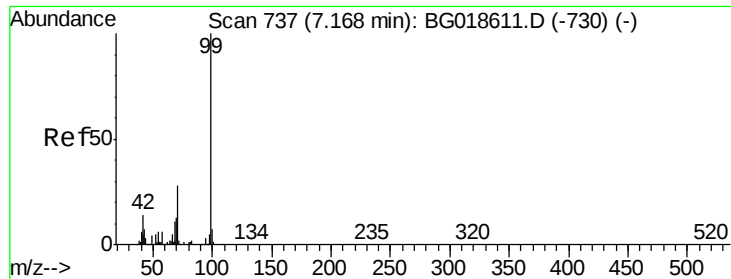


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.88 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

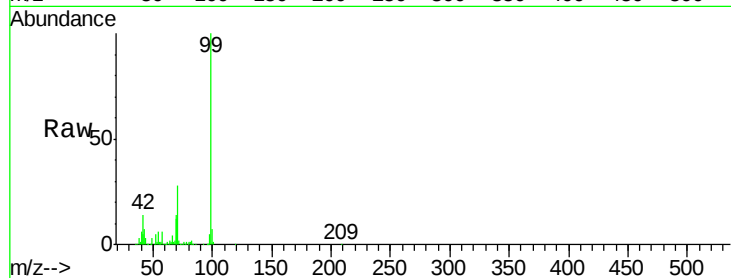
Tot Ion: 99 Resp: 592143

Ion Ratio Lower Upper

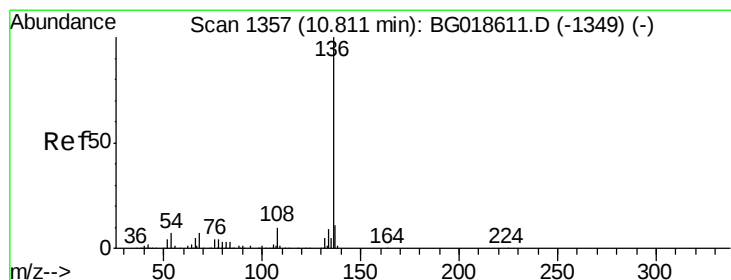
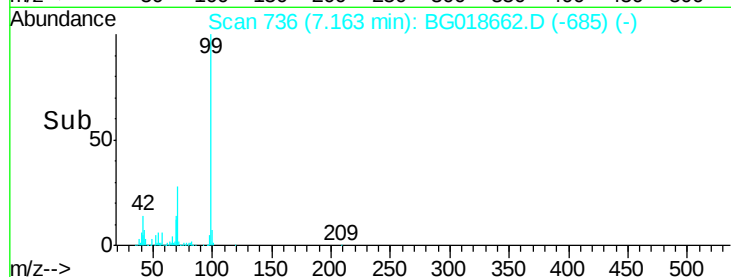
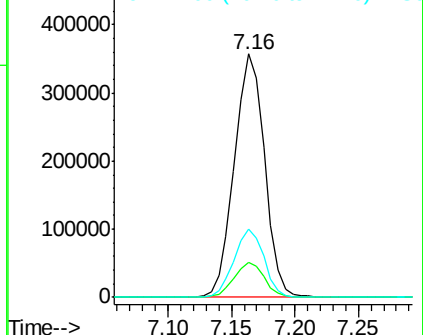
99 100

42 14.3 11.5 17.3

71 27.9 22.6 34.0



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: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Tgt Ion: 136 Resp: 237225

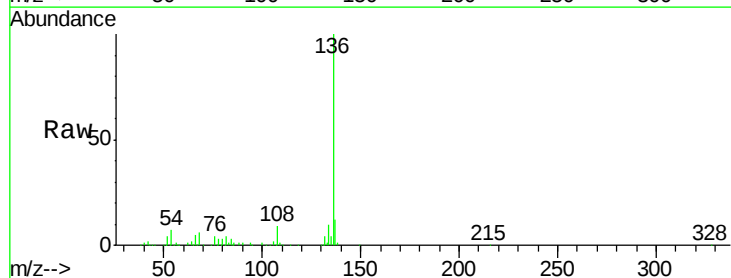
Ion Ratio Lower Upper

136 100

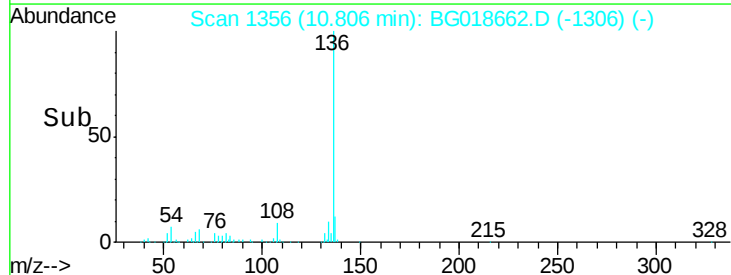
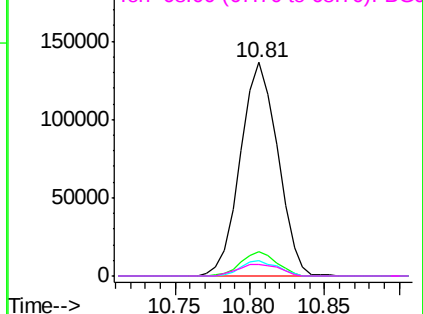
137 11.6 8.6 12.8

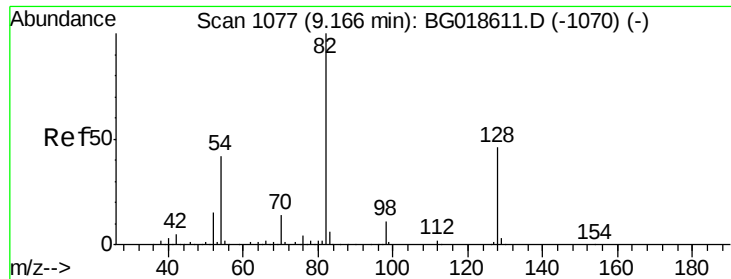
54 7.3 5.4 8.2

68 5.6 5.3 7.9



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

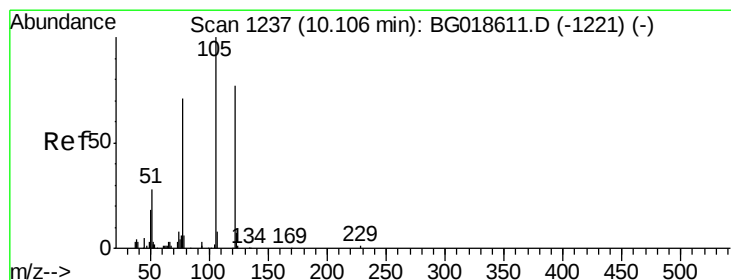
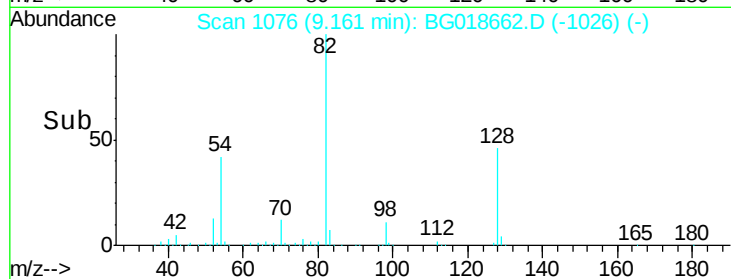
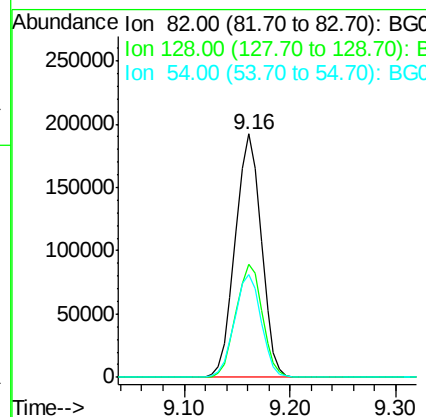
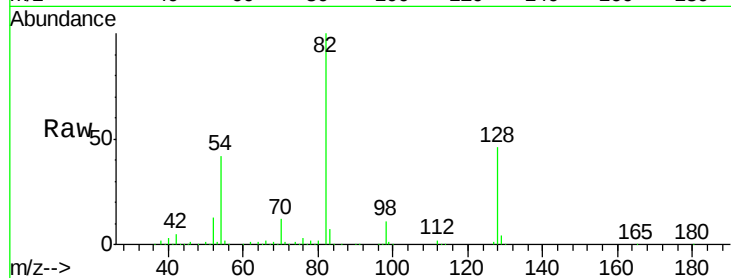




#23
 Nitrobenzene-d5
 Concen: 77.49 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

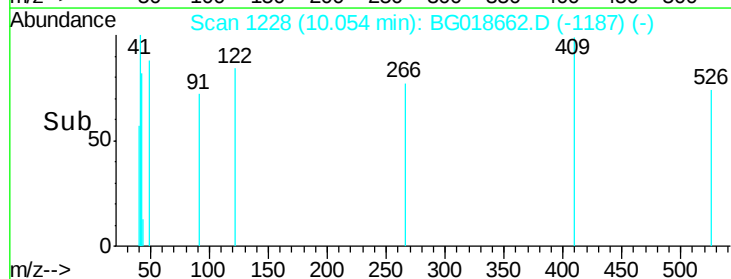
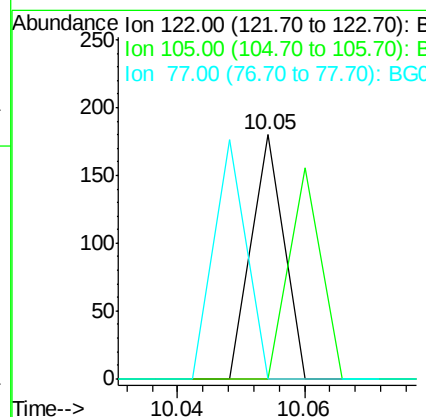
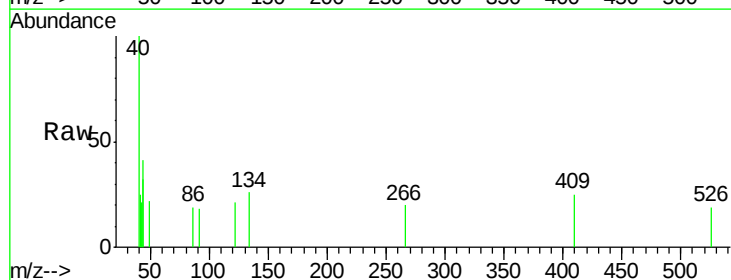
Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

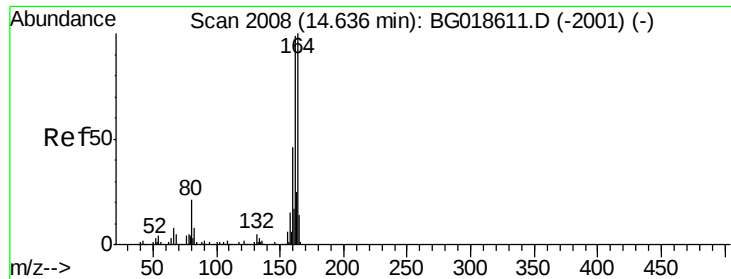
Tot Ion	82	Resp	328525
Ion Ratio	100	Lower	Upper
128	46.3	36.7	55.1
54	42.4	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.05 min Scan# 1228
 Delta R.T. -0.06 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

Tgt Ion	122	Resp	63
Ion Ratio	100	Lower	Upper
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

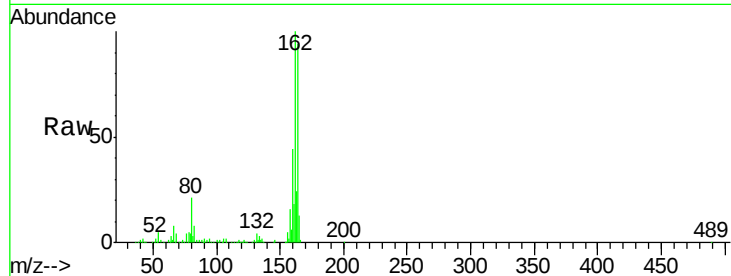
Tot Ion:164 Resp: 160732

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

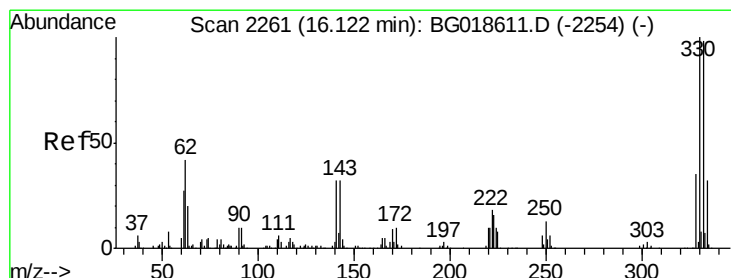
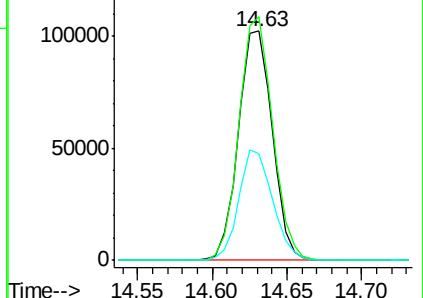
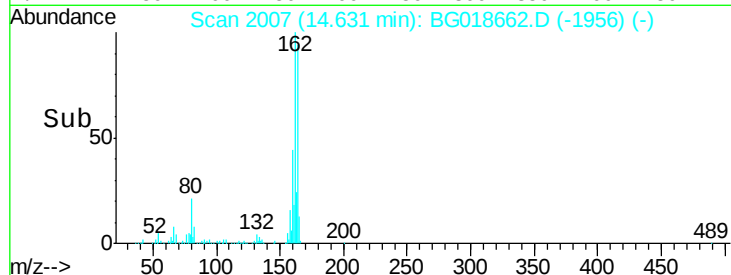
160 46.8 36.4 54.6



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: 131.91 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

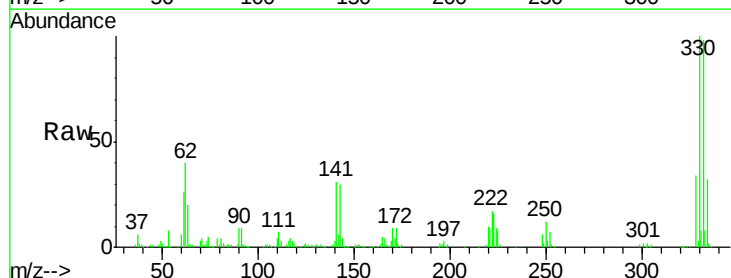
Tgt Ion:330 Resp: 285490

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

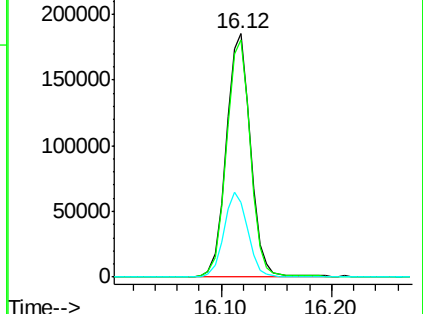
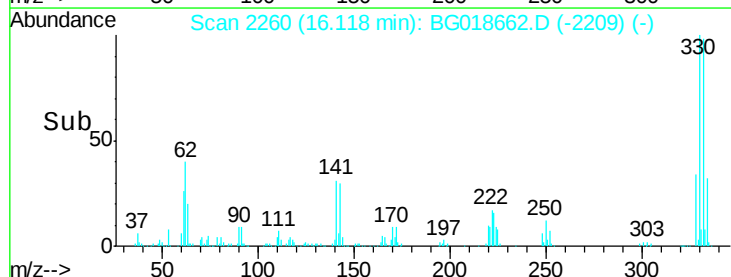
141 34.5 28.2 42.2



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

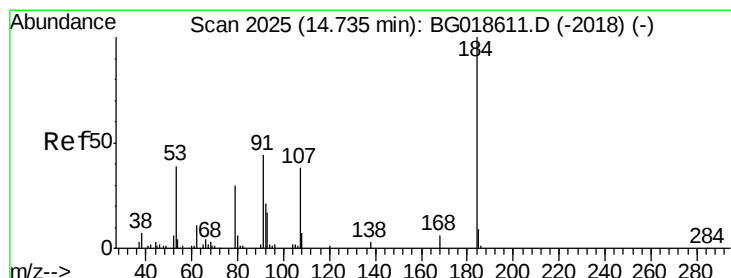
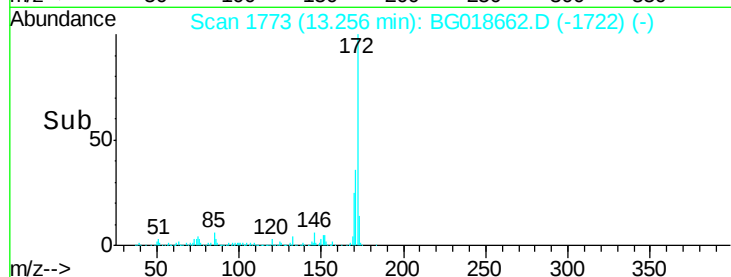
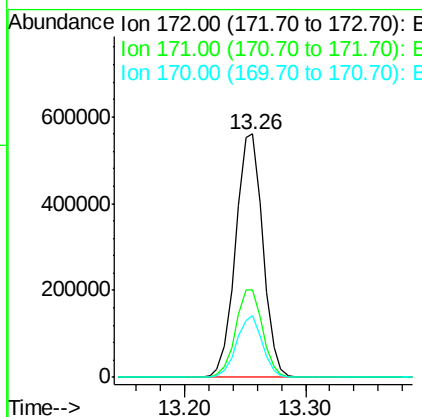
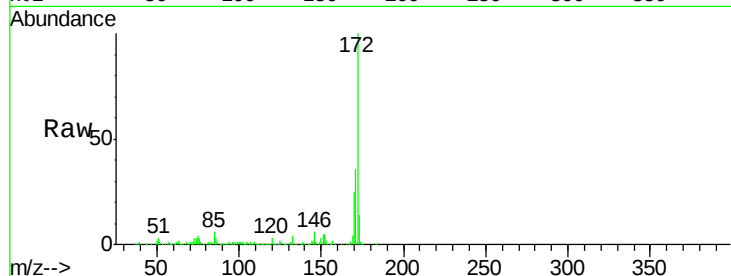




#44
 2-Fluorobiphenyl
 Concen: 76.03 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

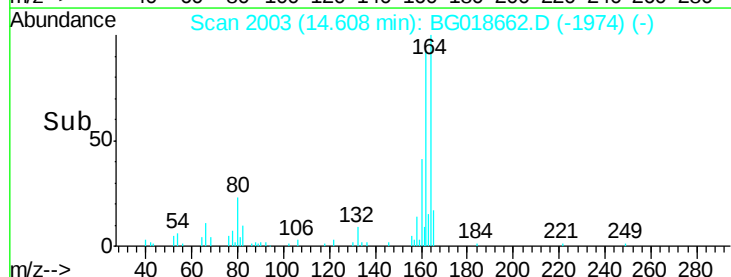
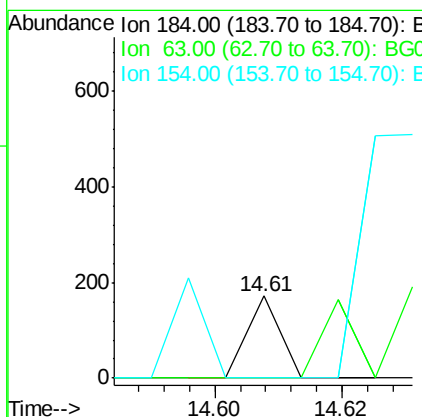
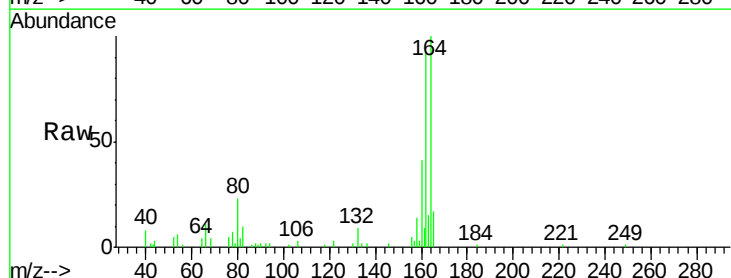
Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

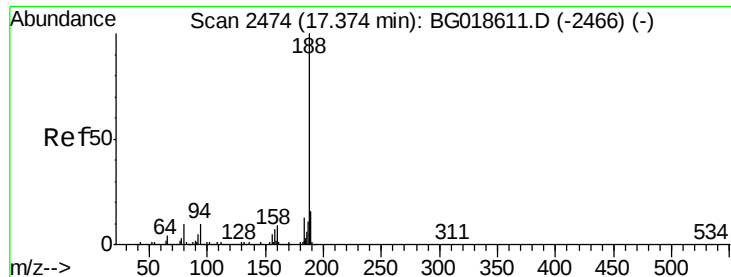
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	25.2	19.9	29.9



#53
 2,4-Dinitrophenol
 Concen: 7.68 ng
 RT: 14.61 min Scan# 2003
 Delta R.T. -0.13 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.7	64.1#
154	0.0	44.3	66.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

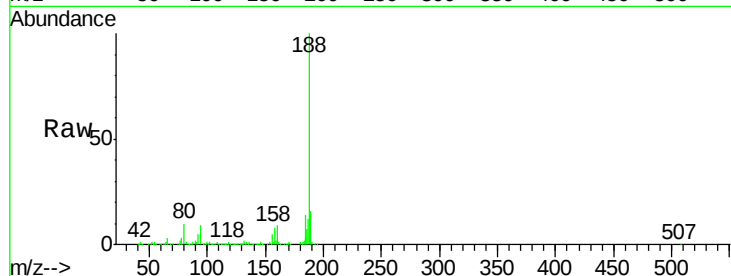
Tot Ion:188 Resp: 480826

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

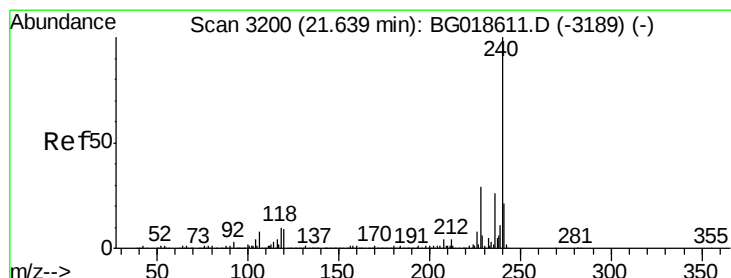
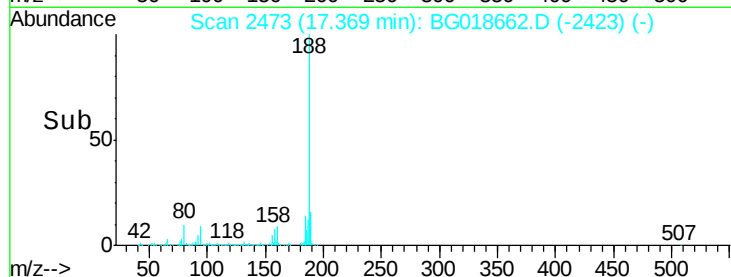
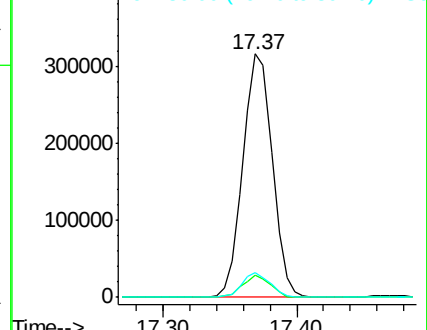
80 9.9 7.8 11.8



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: 21.63 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

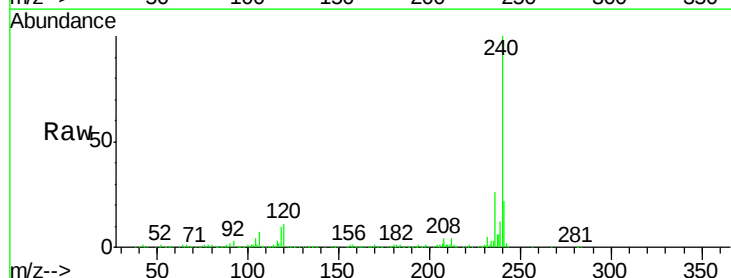
Tgt Ion:240 Resp: 532706

Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.0#

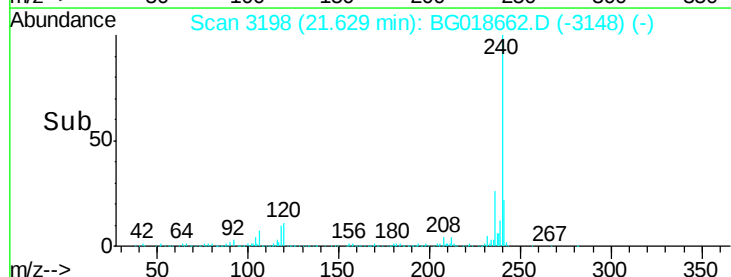
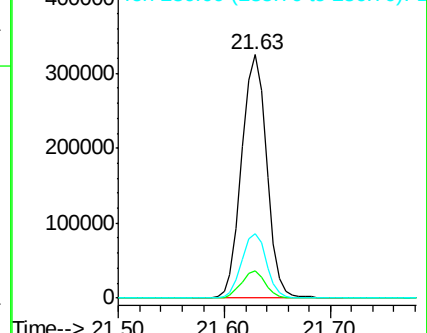
236 26.5 20.7 31.1

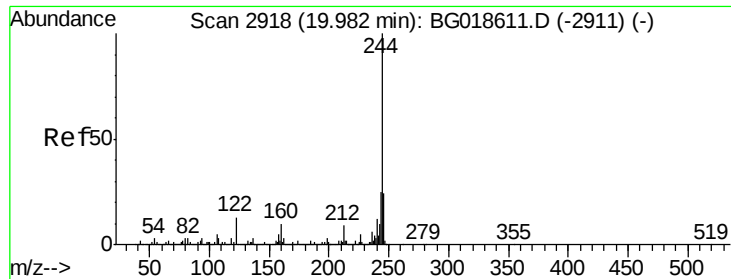


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.92 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

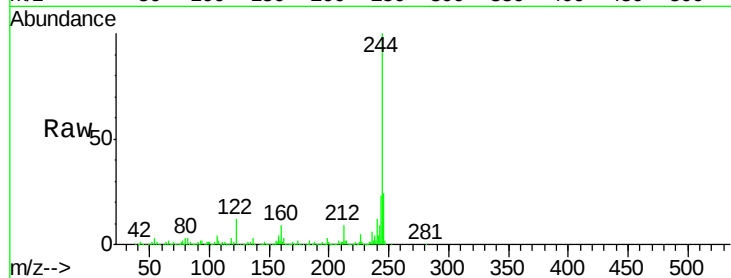
Tot Ion:244 Resp: 1621209

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

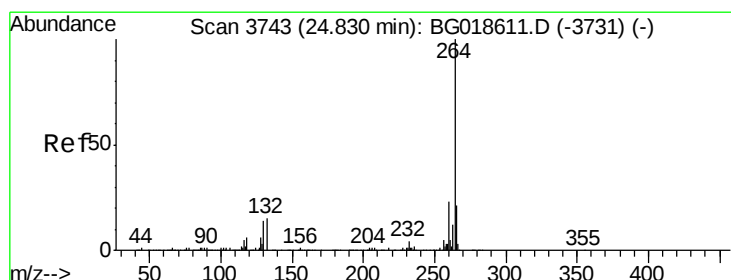
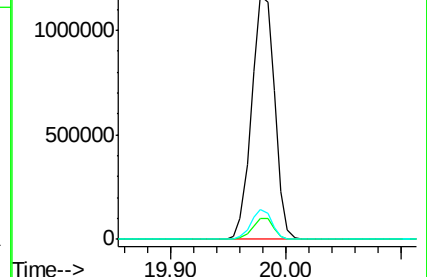
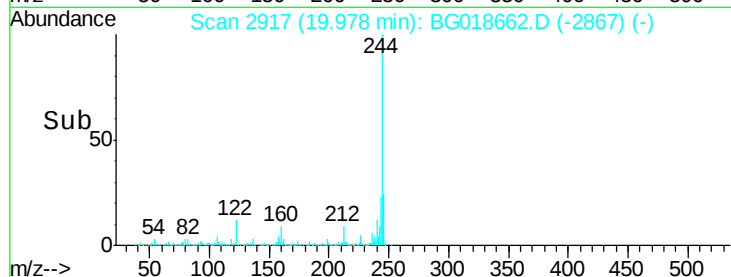
122 12.3 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

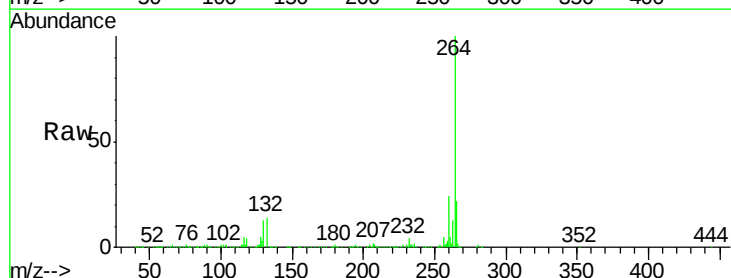
Tgt Ion:264 Resp: 542443

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.6 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

