

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018619.D
 Acq On : 11 Sep 2015 1:35
 Operator : UM/IZ
 Sample : PB85494BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85494BL

Quant Time: Sep 11 04:22:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:56:11 2015
 Response via : Initial Calibration

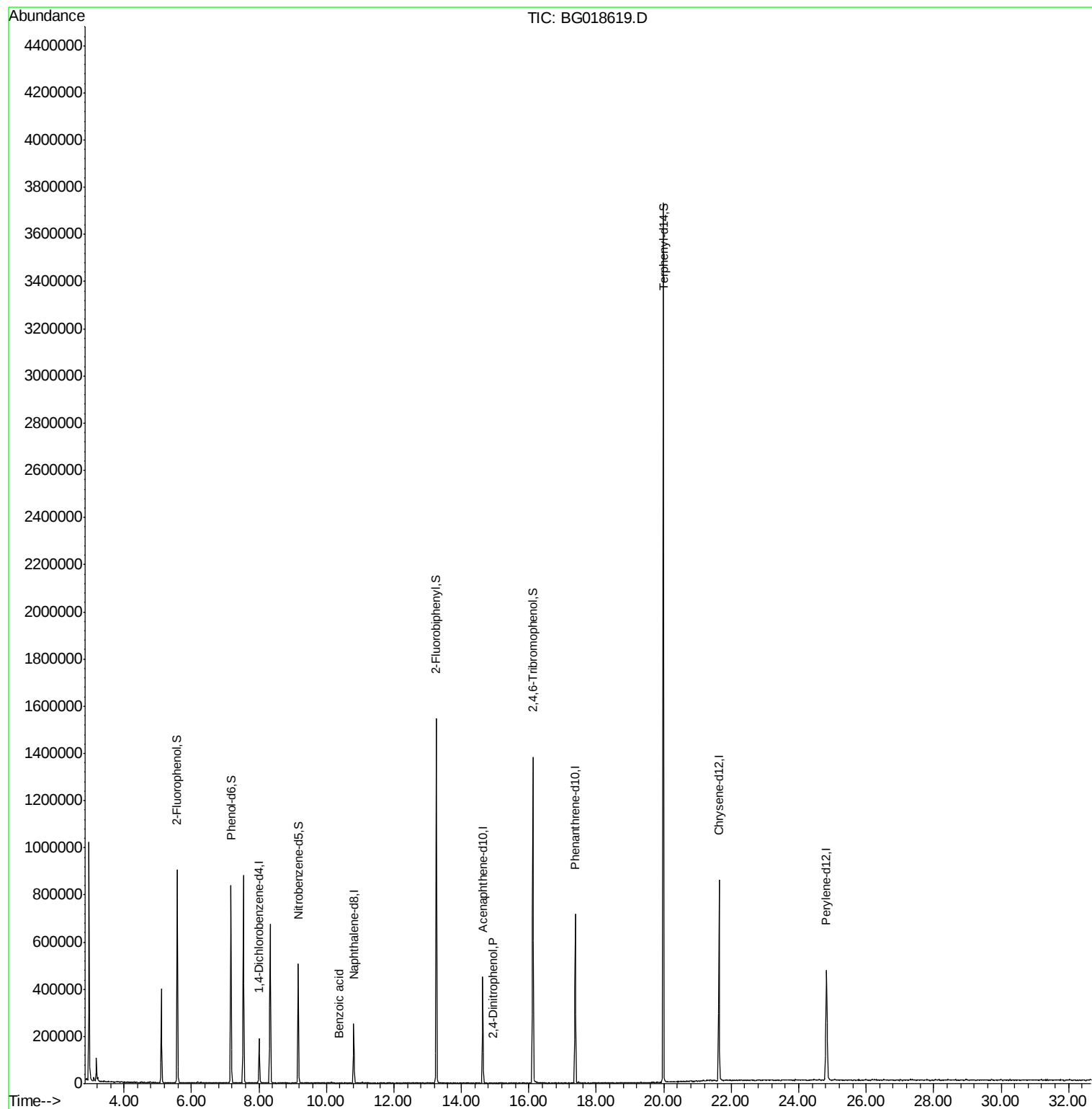
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56853	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	224702	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	153754	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	444196	20.00	ng	0.00
75) Chrysene-d12	21.64	240	503895	20.00	ng	0.00
86) Perylene-d12	24.82	264	499227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	418834	127.26	ng	0.00
7) Phenol-d6	7.17	99	568484	120.47	ng	0.00
23) Nitrobenzene-d5	9.16	82	315687	78.62	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	255651	123.49	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	842698	76.08	ng	0.00
78) Terphenyl-d14	19.98	244	1495180	77.92	ng	0.00
Target Compounds						
32) Benzoic acid	10.36	122	116	7.97	ng	# 1
53) 2,4-Dinitrophenol	14.94	184	57	7.68	ng	# 24

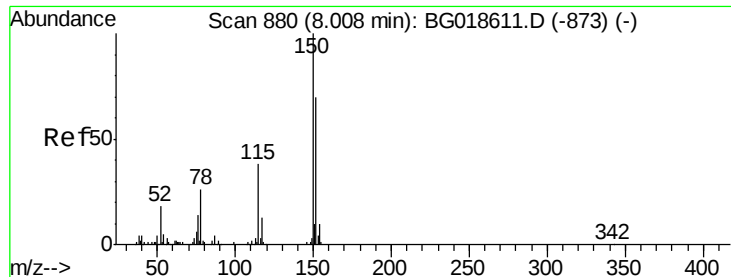
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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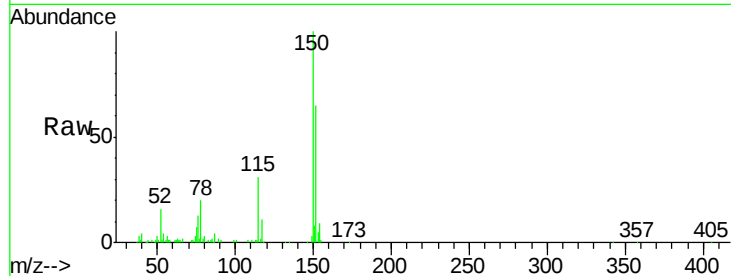


#1

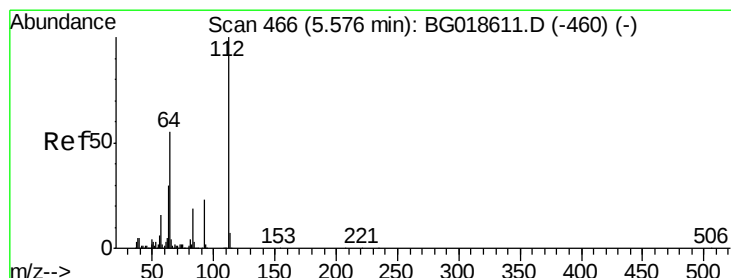
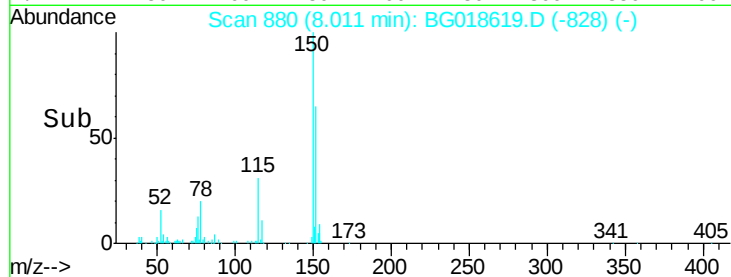
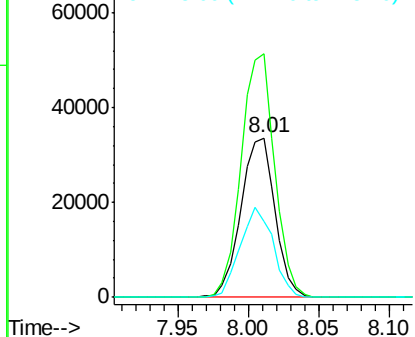
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG018619.D
Acq: 11 Sep 2015 1:35

Instrument :
BNA_G
ClientSampleId :
PB85494BL

Tot Ion	152	Resp	56853
Ion	Ratio	Lower	Upper
152	100		
150	153.0	115.0	172.4
115	47.9	43.9	65.9



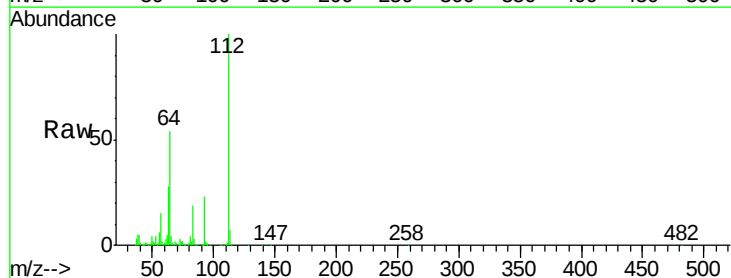
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



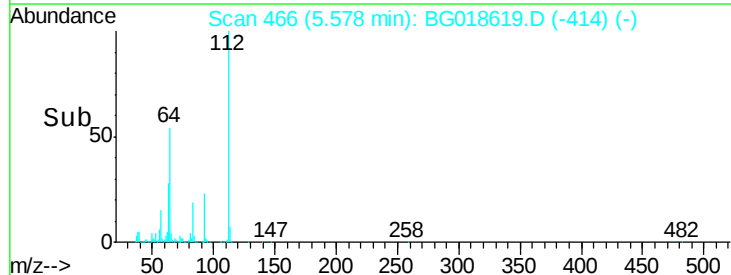
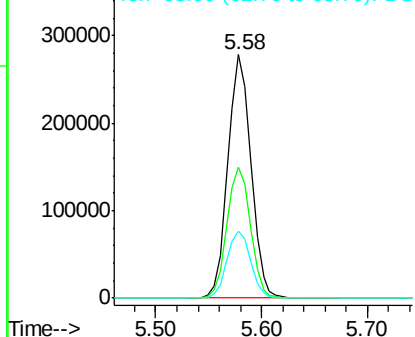
#5

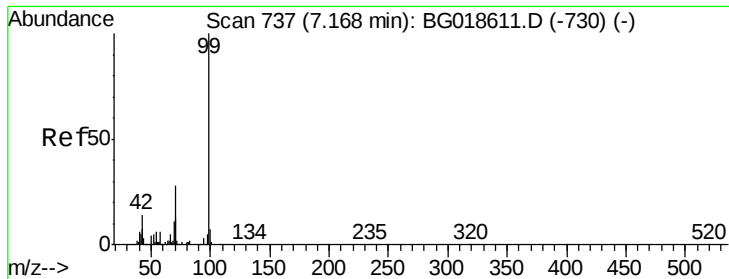
2-Fluorophenol
Concen: 127.26 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018619.D
Acq: 11 Sep 2015 1:35

Tgt Ion	112	Resp	418834
Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.7	65.5
63	27.7	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: 120.47 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG018619.D

Acq: 11 Sep 2015 1:35

Instrument :

BNA_G

ClientSampleId :

PB85494BL

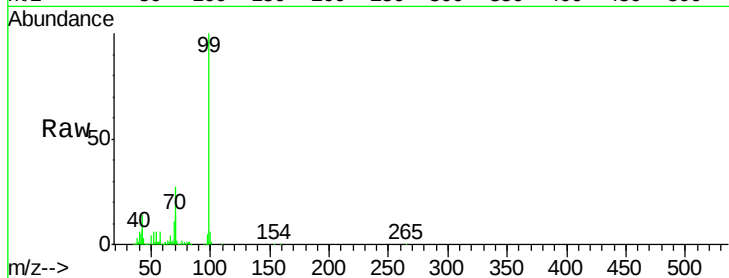
Tot Ion: 99 Resp: 568484

Ion Ratio Lower Upper

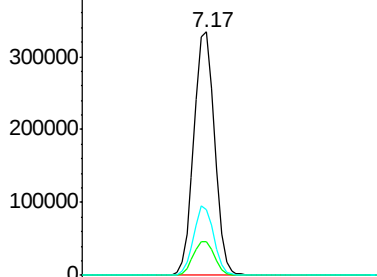
99 100

42 13.9 11.5 17.3

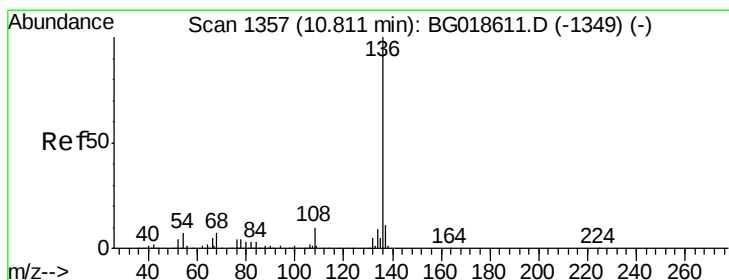
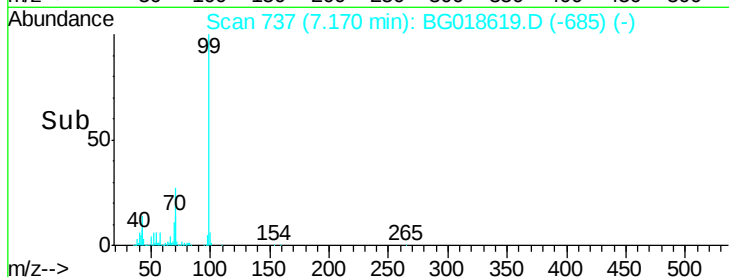
71 26.8 22.6 34.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018619.D

Acq: 11 Sep 2015 1:35

Tgt Ion: 136 Resp: 224702

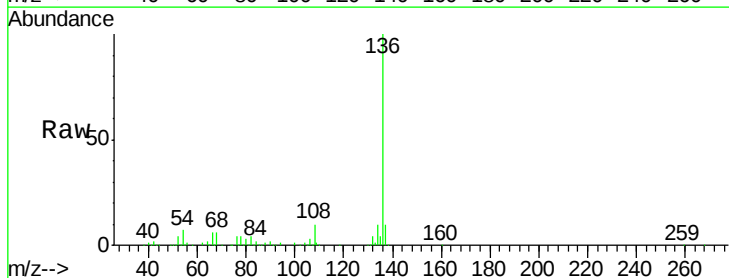
Ion Ratio Lower Upper

136 100

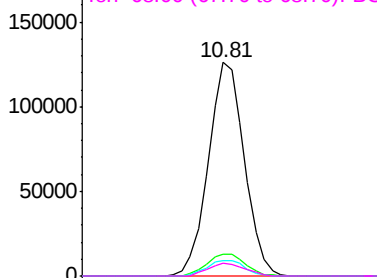
137 10.3 8.6 12.8

54 7.4 5.4 8.2

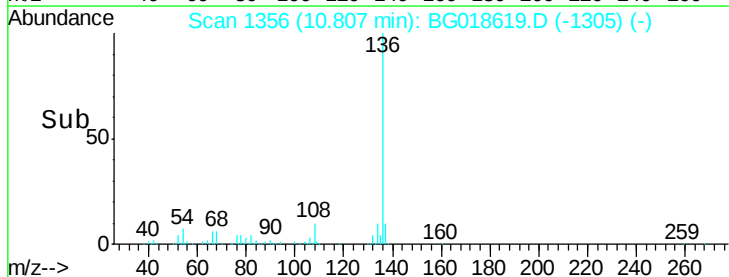
68 5.9 5.3 7.9

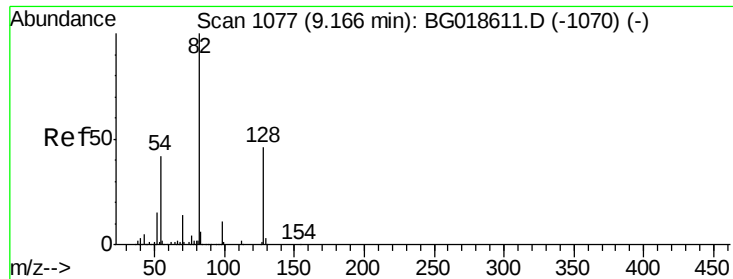


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

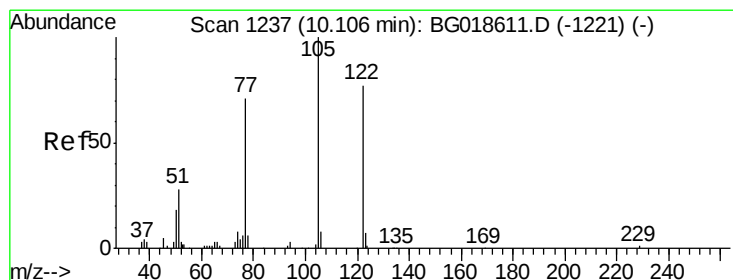
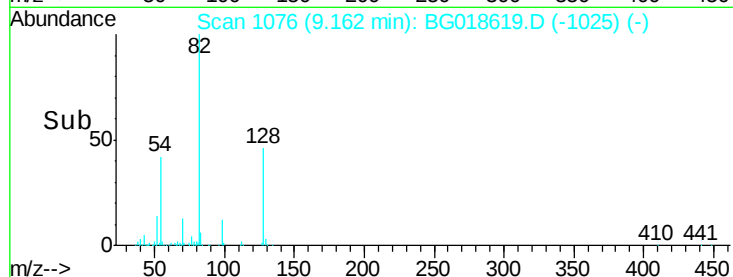
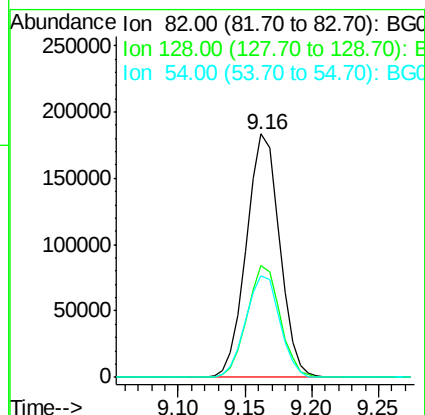
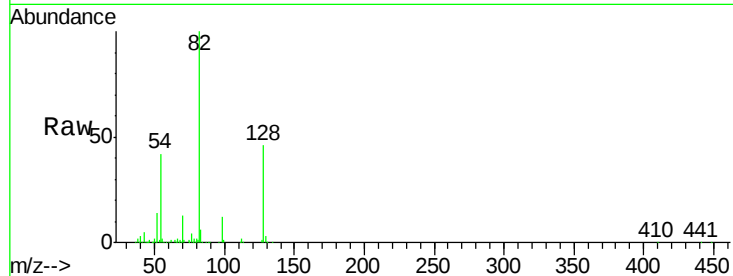




#23
 Nitrobenzene-d5
 Concen: 78.62 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018619.D
 Acq: 11 Sep 2015 1:35

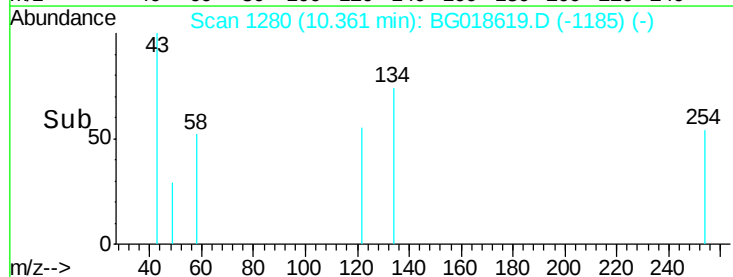
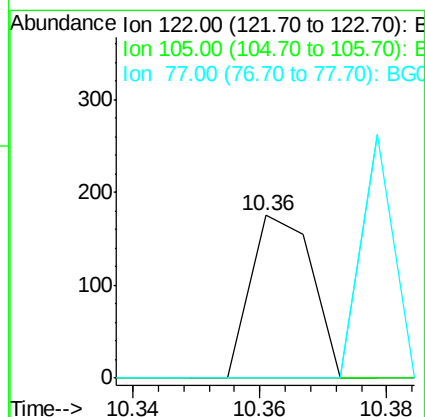
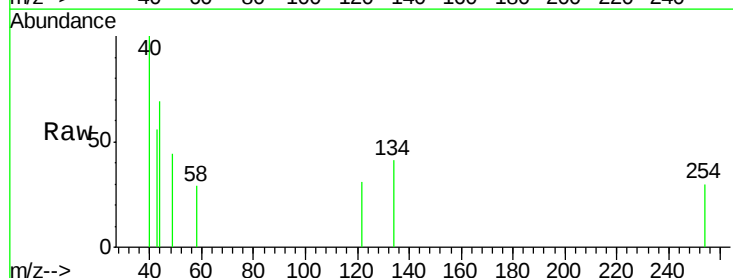
Instrument :
 BNA_G
 ClientSampleId :
 PB85494BL

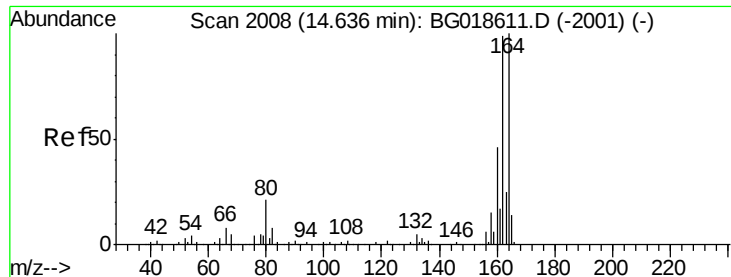
Tot Ion	82	Resp	315687
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.7	55.1
54	41.9	33.8	50.8



#32
 Benzoic acid
 Concen: 7.97 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. 0.26 min
 Lab File: BG018619.D
 Acq: 11 Sep 2015 1:35

Tgt Ion	122	Resp	116
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#

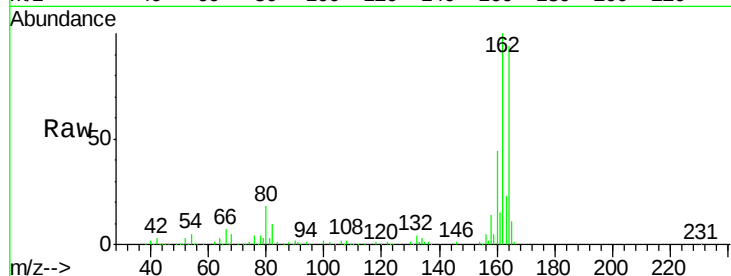




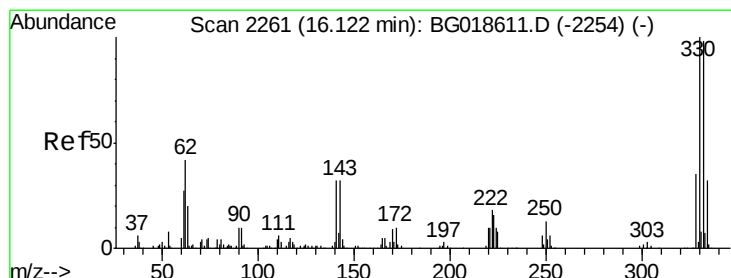
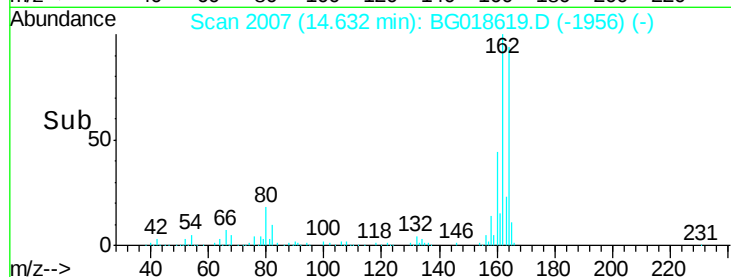
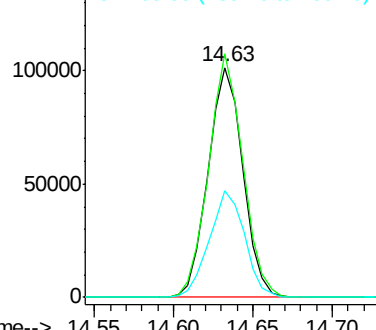
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018619.D
Acq: 11 Sep 2015 1:35

Instrument :
BNA_G
ClientSampled :
PB85494BL

Tot Ion:164 Resp: 153754
Ion Ratio Lower Upper
164 100
162 105.9 78.8 118.2
160 46.3 36.4 54.6

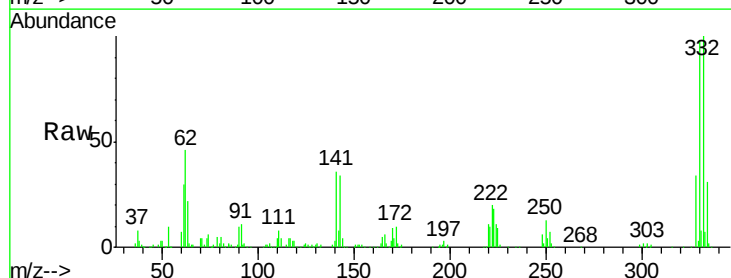


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

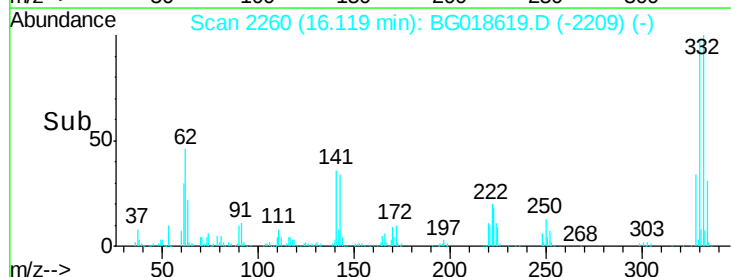
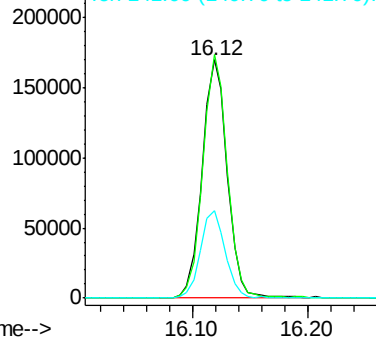


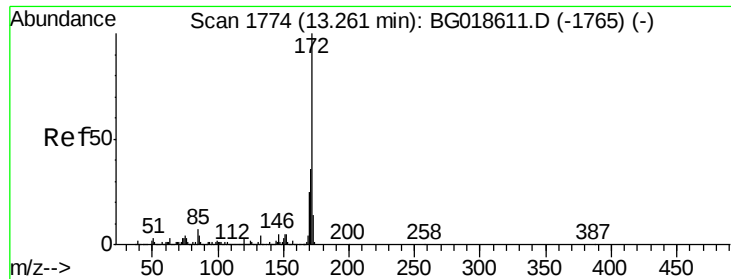
#41
2,4,6-Tribromophenol
Concen: 123.49 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018619.D
Acq: 11 Sep 2015 1:35

Tgt Ion:330 Resp: 255651
Ion Ratio Lower Upper
330 100
332 99.8 78.1 117.1
141 36.6 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

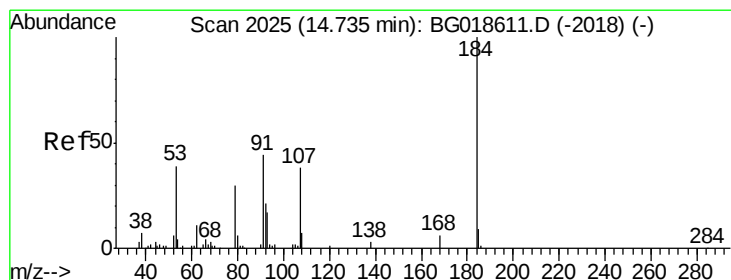
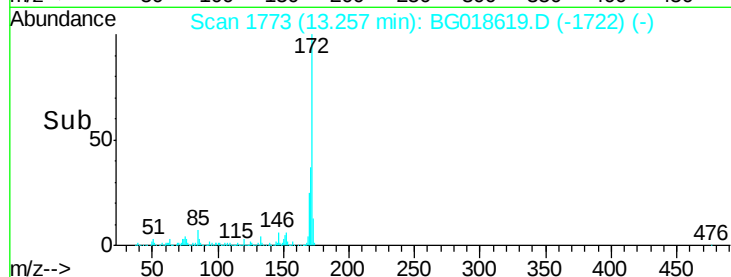
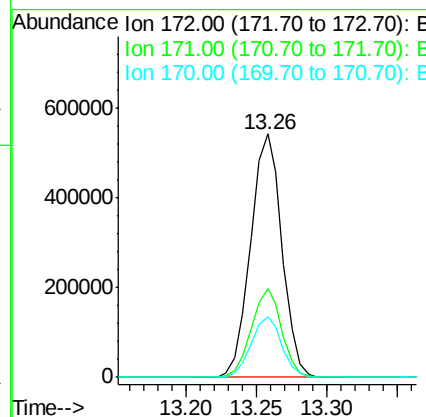
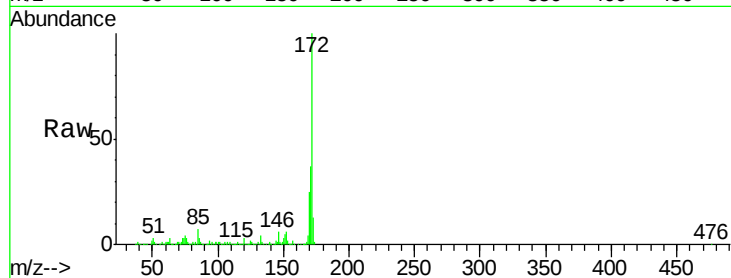




#44
2-Fluorobiphenyl
Concen: 76.08 ng
RT: 13.26 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018619.D
Acq: 11 Sep 2015 1:35

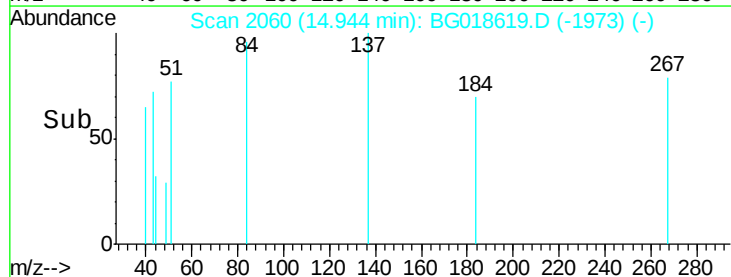
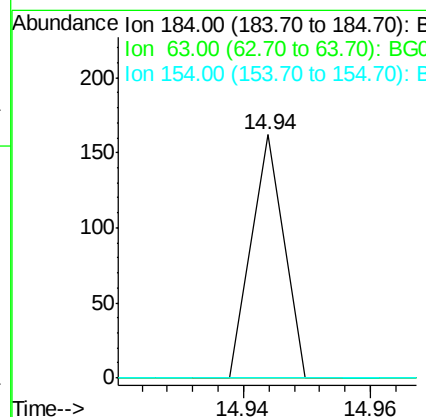
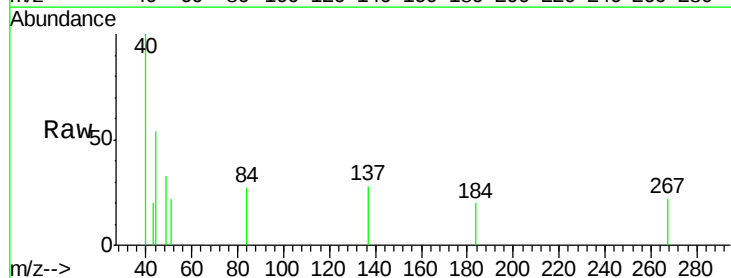
Instrument :
BNA_G
ClientSampleId :
PB85494BL

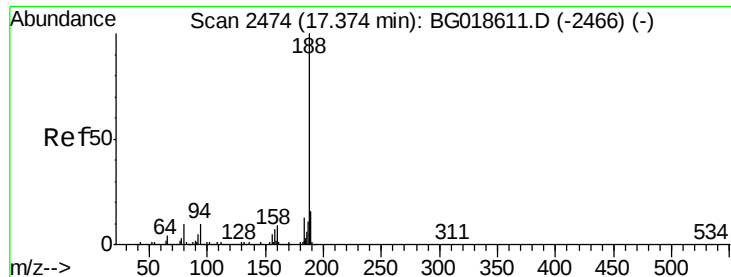
Tot Ion:172 Resp: 842698
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.8 19.9 29.9



#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 14.94 min Scan# 2060
Delta R.T. 0.21 min
Lab File: BG018619.D
Acq: 11 Sep 2015 1:35

Tgt Ion:184 Resp: 57
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: 17.38 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG018619.D

Acq: 11 Sep 2015 1:35

Instrument :

BNA_G

ClientSampleId :

PB85494BL

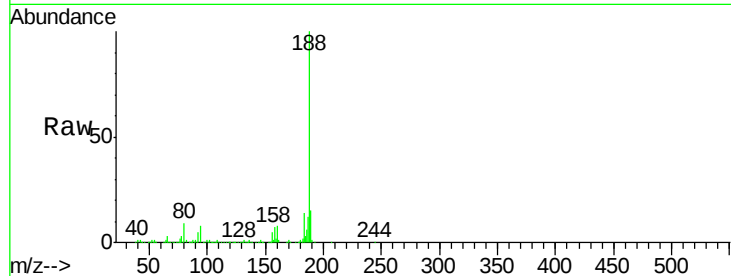
Tot Ion:188 Resp: 444196

Ion Ratio Lower Upper

188 100

94 8.1 7.7 11.5

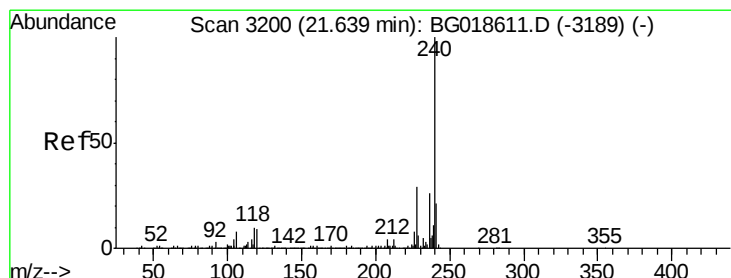
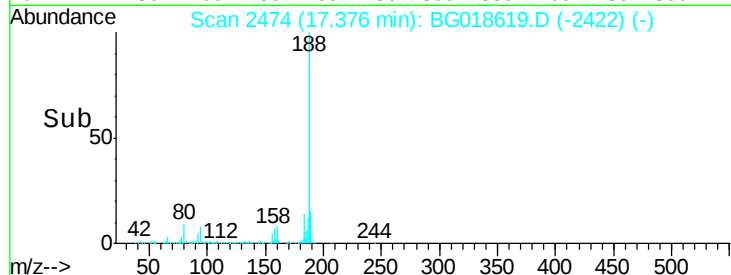
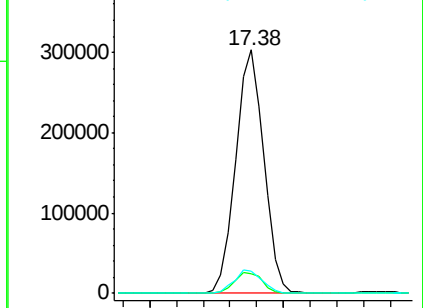
80 9.1 7.8 11.8



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: 21.64 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018619.D

Acq: 11 Sep 2015 1:35

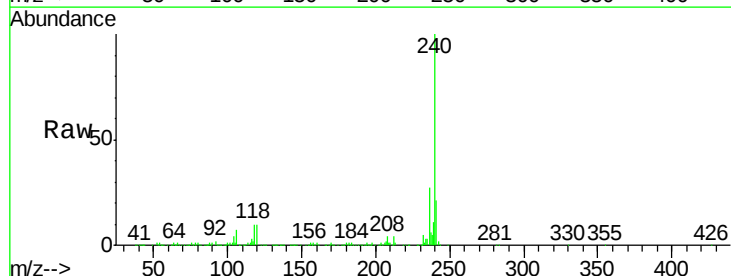
Tgt Ion:240 Resp: 503895

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

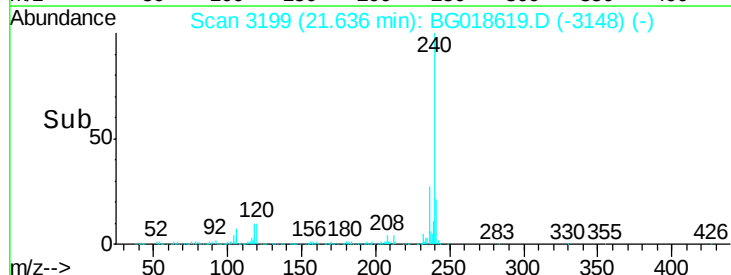
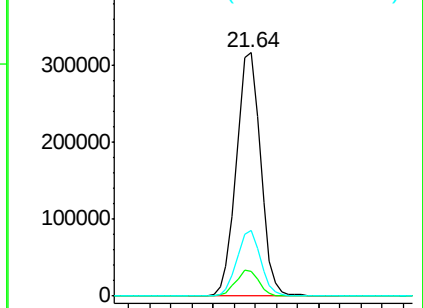
236 26.8 20.7 31.1

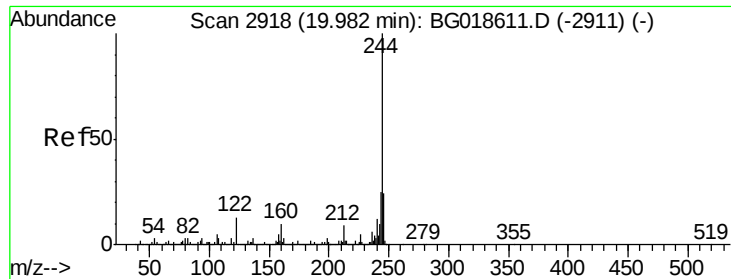


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.92 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018619.D

Acq: 11 Sep 2015 1:35

Instrument :

BNA_G

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PB85494BL

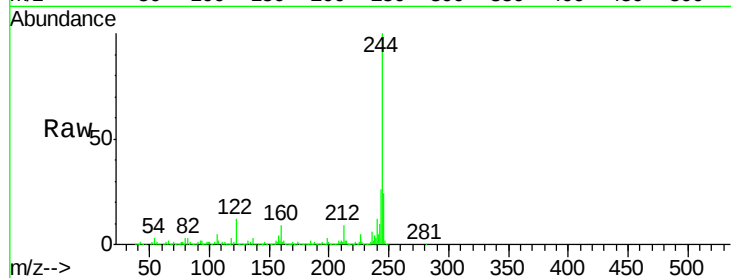
Tot Ion:244 Resp: 1495180

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

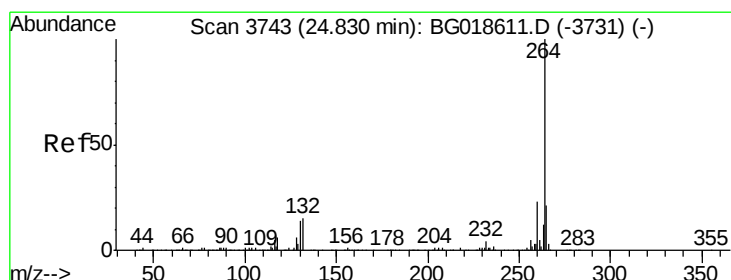
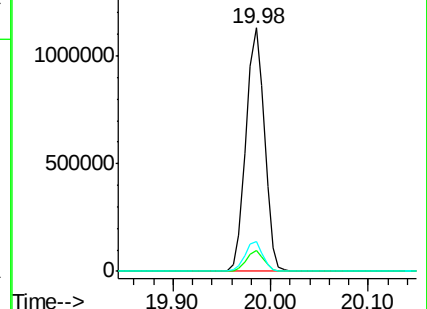
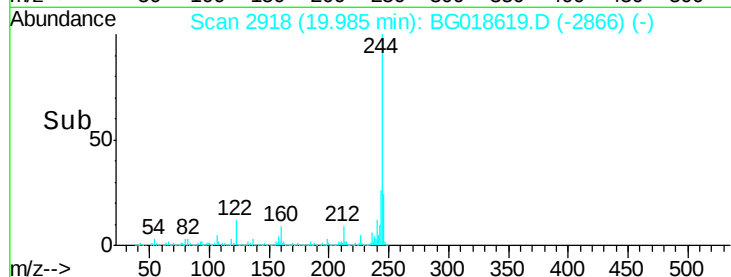
122 12.3 10.2 15.2



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. -0.01 min

Lab File: BG018619.D

Acq: 11 Sep 2015 1:35

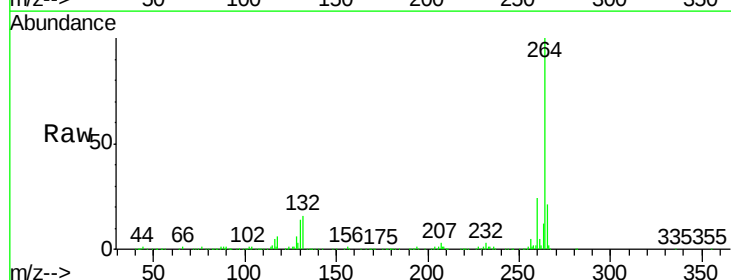
Tgt Ion:264 Resp: 499227

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.5 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

