

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018643.D
 Acq On : 11 Sep 2015 17:30
 Operator : UM/IZ
 Sample : G3612-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-21

Quant Time: Sep 12 00:38:05 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 10:44:16 2015
 Response via : Initial Calibration

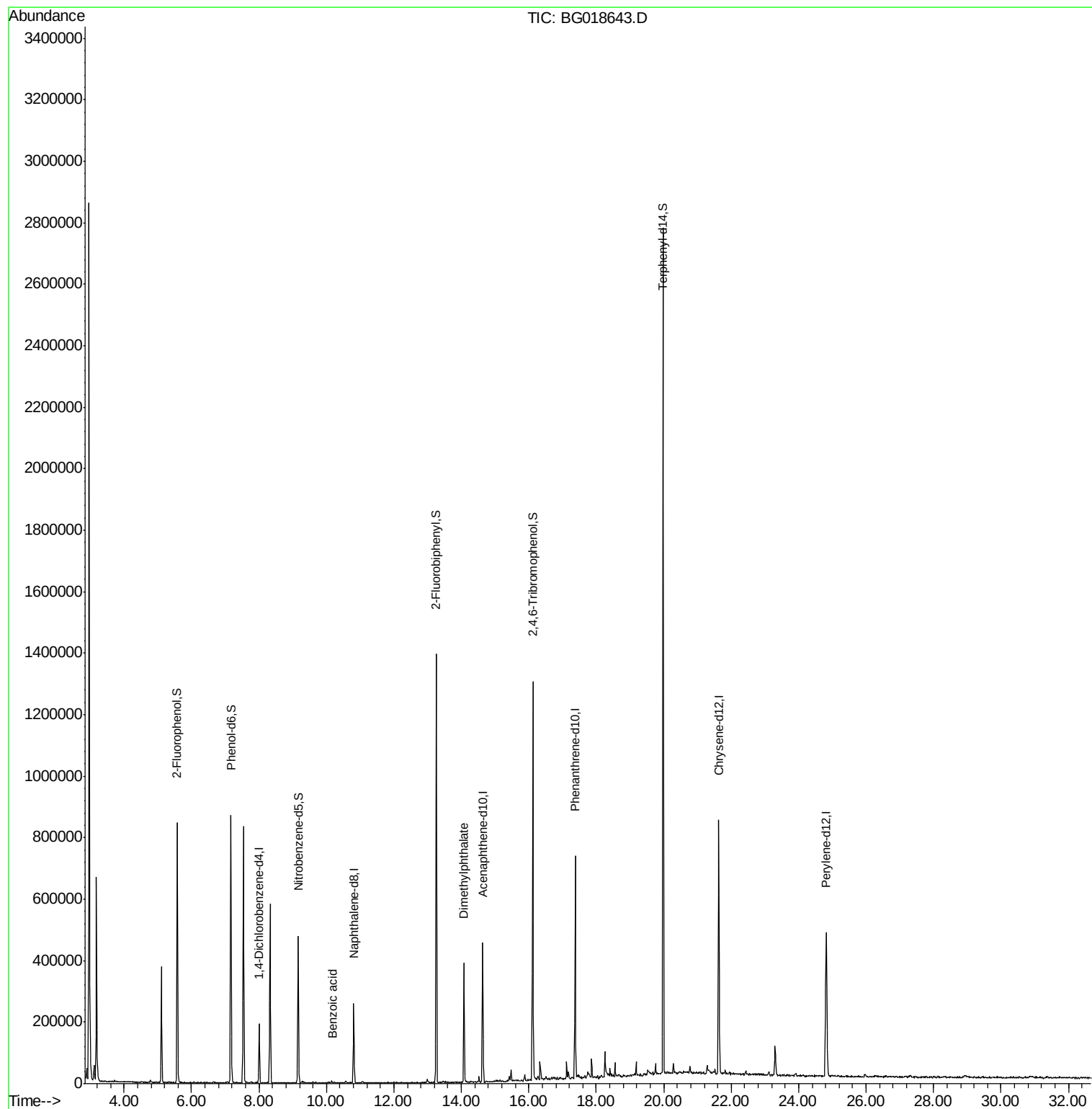
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	58282	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	229170	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	155414	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	440149	20.00	ng	0.00
75) Chrysene-d12	21.63	240	488439	20.00	ng	0.00
86) Perylene-d12	24.82	264	493220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	396332	117.47	ng	0.00
7) Phenol-d6	7.17	99	559190	115.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	310011	75.70	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	248434	118.72	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	742558	66.33	ng	0.00
78) Terphenyl-d14	19.98	244	1149289	61.79	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	82	7.96	ng	83
49) Dimethylphthalate	14.08	163	265640	20.64	ng	99

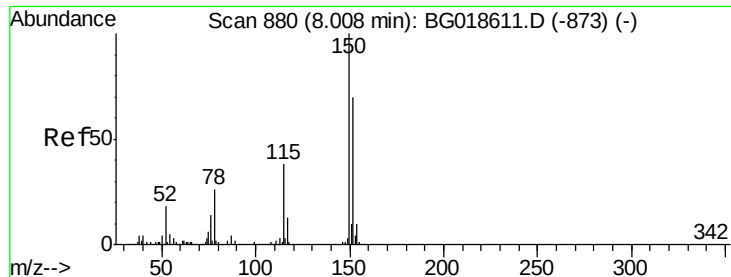
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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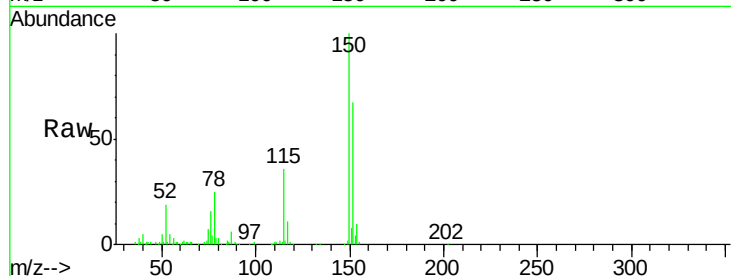


#1

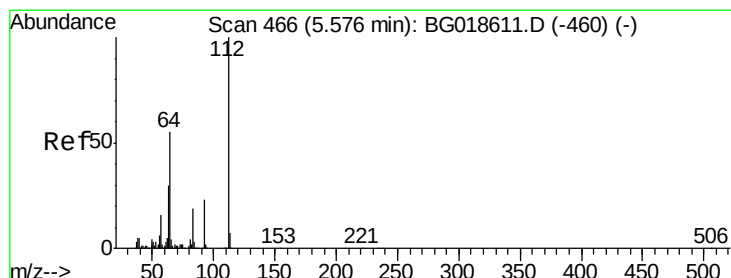
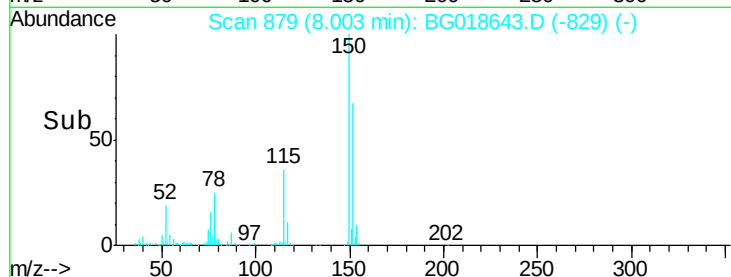
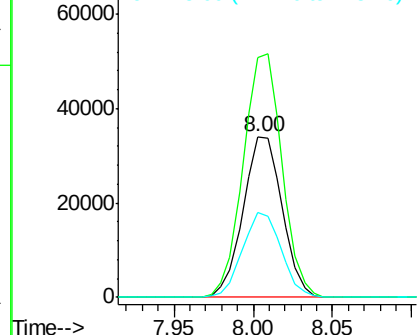
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG018643.D
Acq: 11 Sep 2015 17:30

Instrument :
BNA_G
ClientSampleId :
B-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	115.0	172.4
115	53.3	43.9	65.9



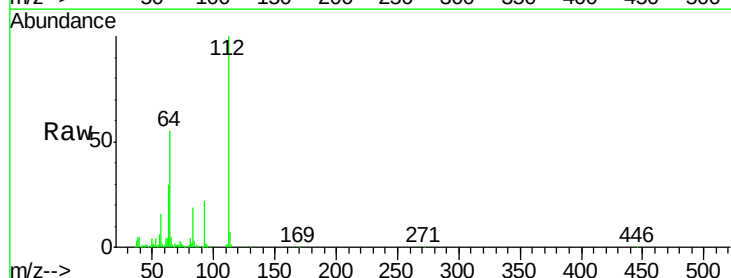
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



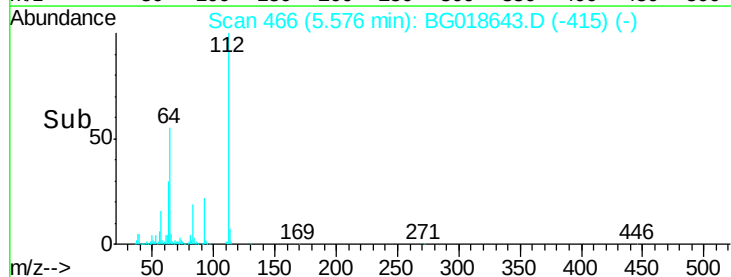
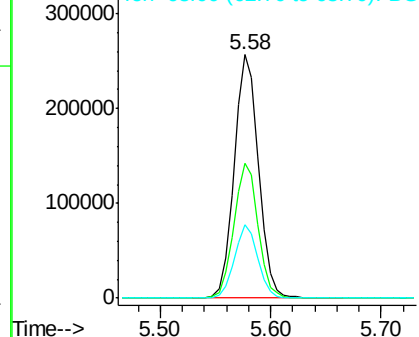
#5

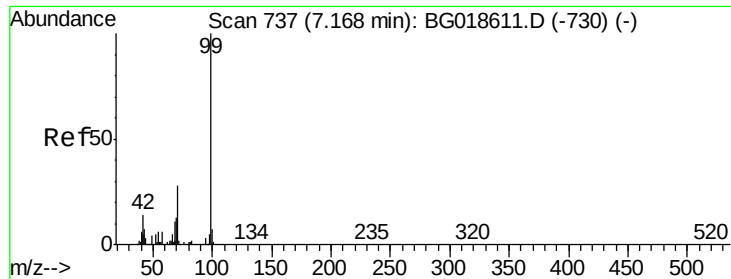
2-Fluorophenol
Concen: 117.47 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018643.D
Acq: 11 Sep 2015 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.7	65.5
63	30.2	24.0	36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.59 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018643.D

Acq: 11 Sep 2015 17:30

Instrument :

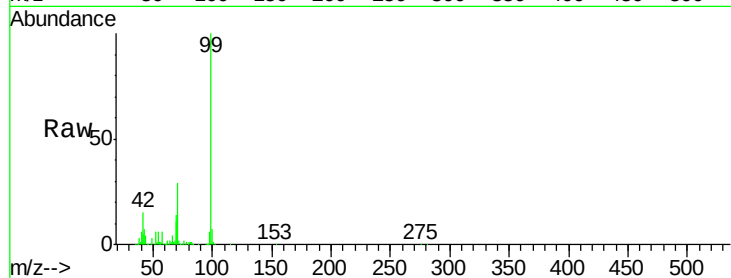
BNA_G

ClientSampleId :

B-21

Tot Ion: 99 Resp: 559190

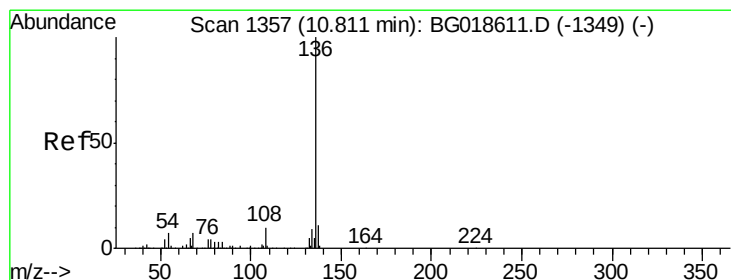
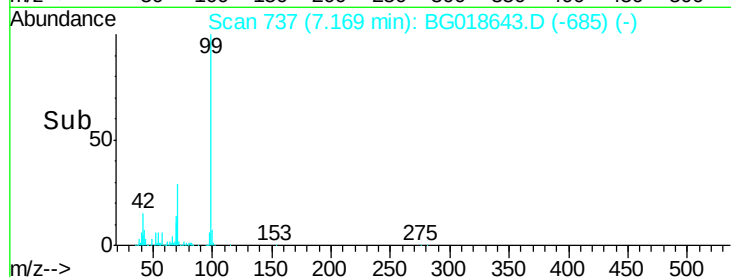
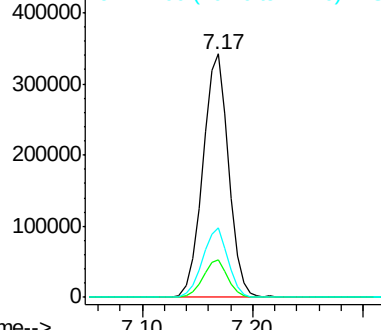
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.5	17.3
71	28.7	22.6	34.0



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# 1357

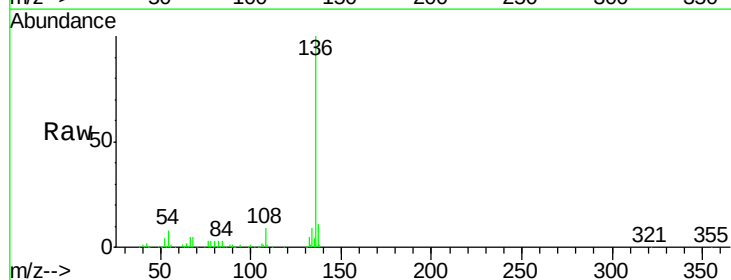
Delta R.T. 0.00 min

Lab File: BG018643.D

Acq: 11 Sep 2015 17:30

Tgt Ion: 136 Resp: 229170

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.5	5.4	8.2
68	5.4	5.3	7.9

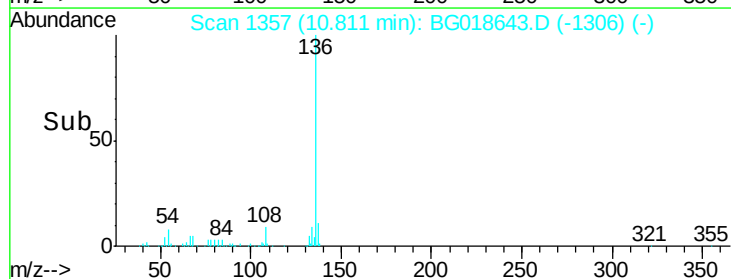
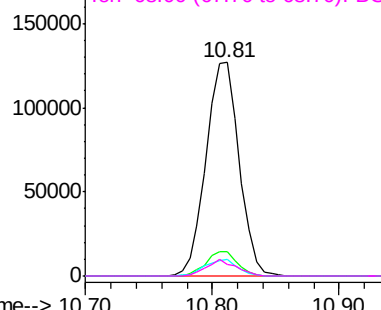


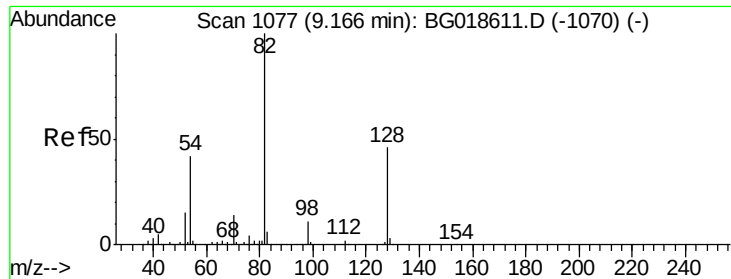
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

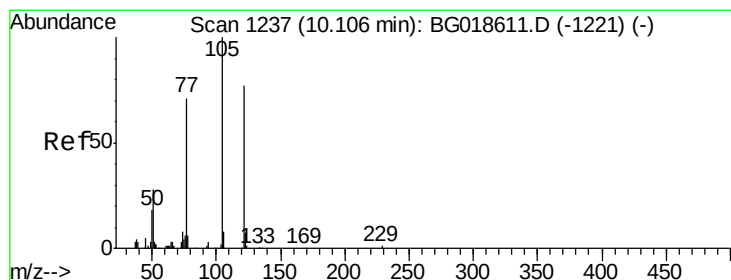
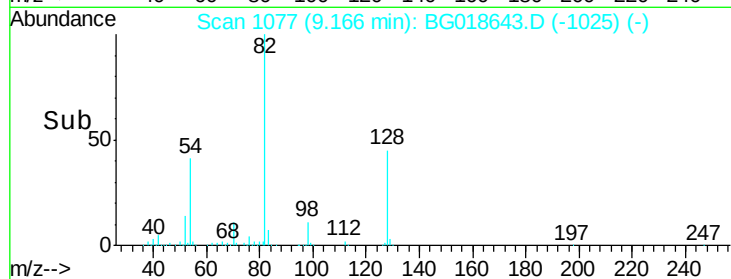
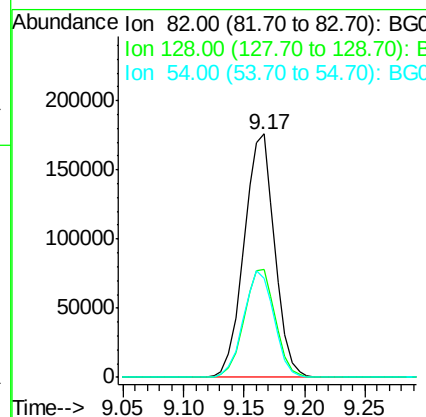
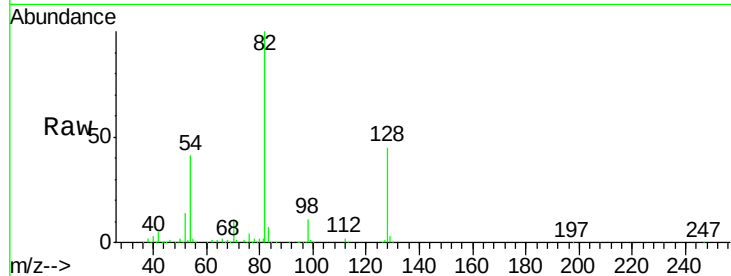




#23
 Nitrobenzene-d5
 Concen: 75.70 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BG018643.D
 Acq: 11 Sep 2015 17:30

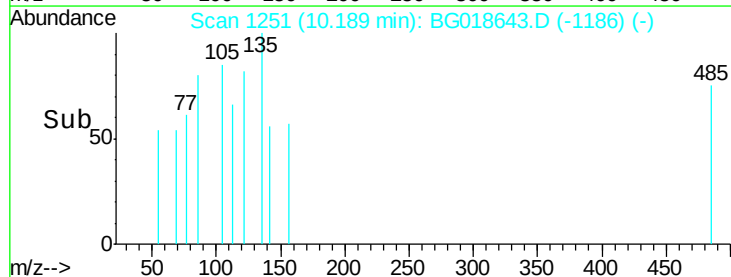
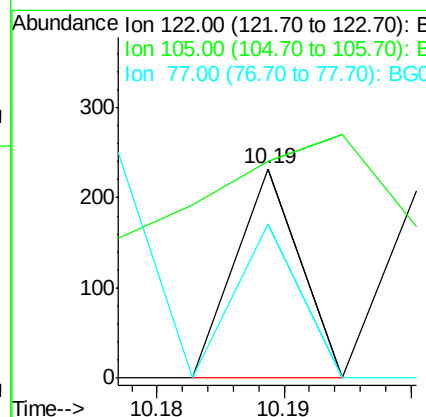
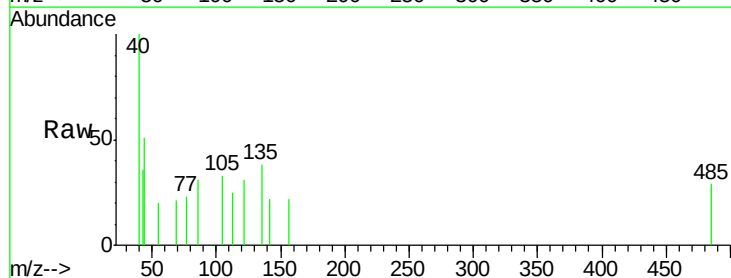
Instrument :
 BNA_G
 ClientSampled :
 B-21

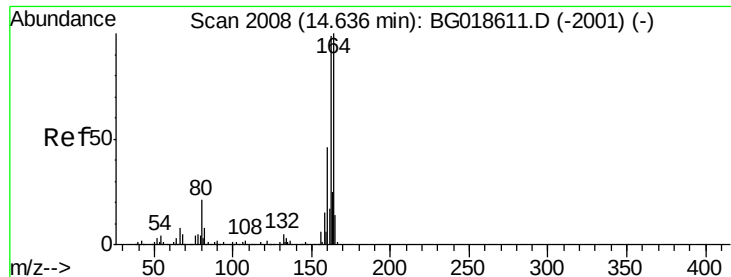
Tot Ion	82	Resp	310011
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.7	55.1
54	40.9	33.8	50.8



#32
 Benzoic acid
 Concen: 7.96 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.08 min
 Lab File: BG018643.D
 Acq: 11 Sep 2015 17:30

Tgt Ion	122	Resp	82
Ion Ratio	Lower	Upper	
122	100		
105	103.9	103.8	143.8
77	73.7	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: BG018643.D

Acq: 11 Sep 2015 17:30

Instrument :

BNA_G

ClientSampleId :

B-21

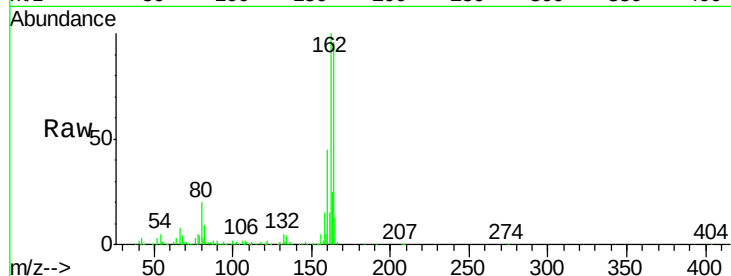
Tot Ion:164 Resp: 155414

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

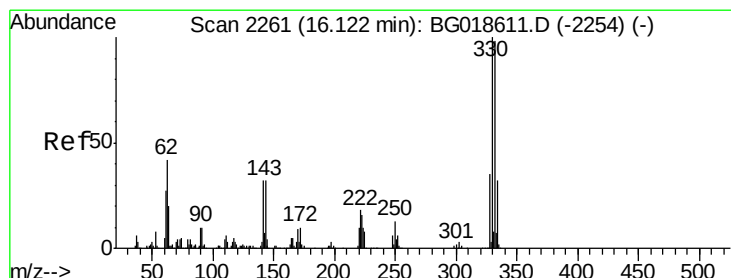
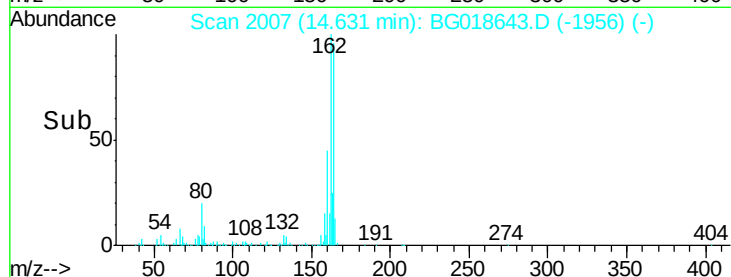
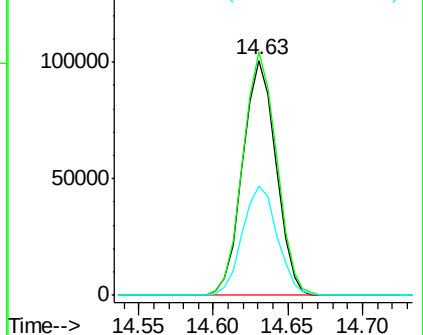
160 46.7 36.4 54.6



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: 118.72 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018643.D

Acq: 11 Sep 2015 17:30

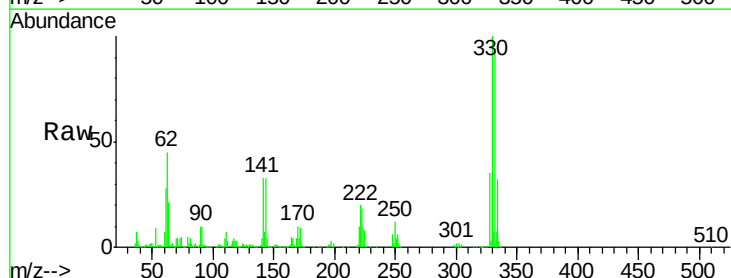
Tgt Ion:330 Resp: 248434

Ion Ratio Lower Upper

330 100

332 97.7 78.1 117.1

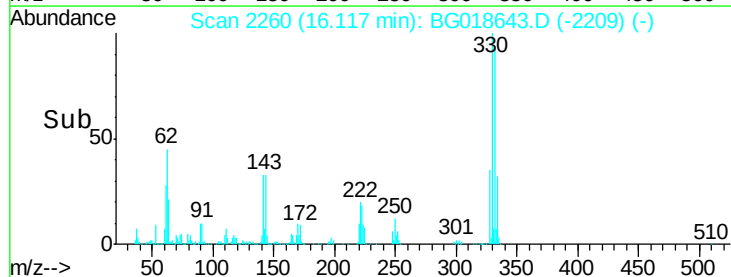
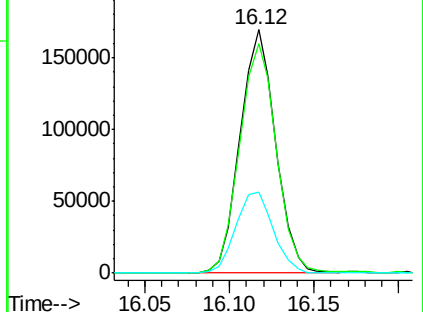
141 35.3 28.2 42.2

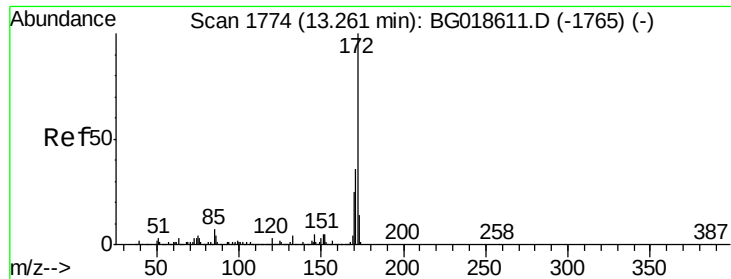


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

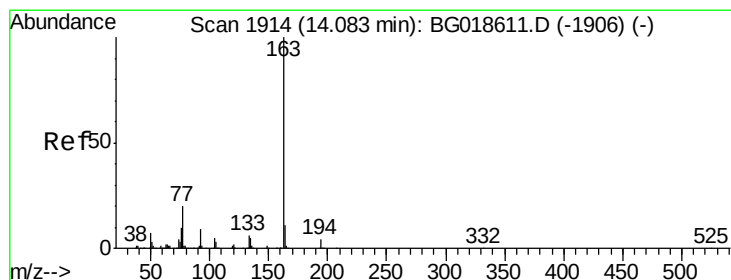
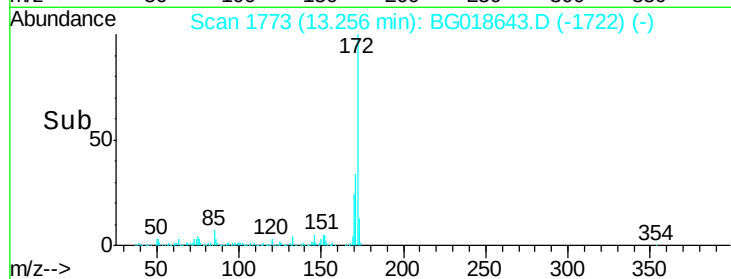
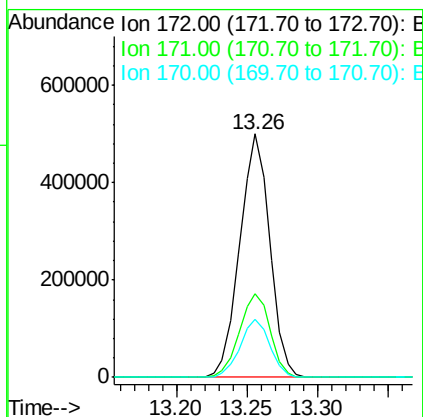
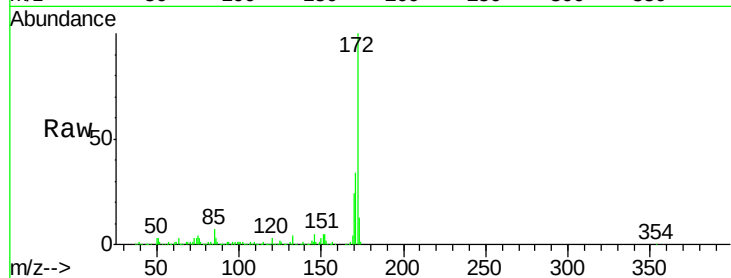




#44
2-Fluorobiphenyl
Concen: 66.33 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018643.D
Acq: 11 Sep 2015 17:30

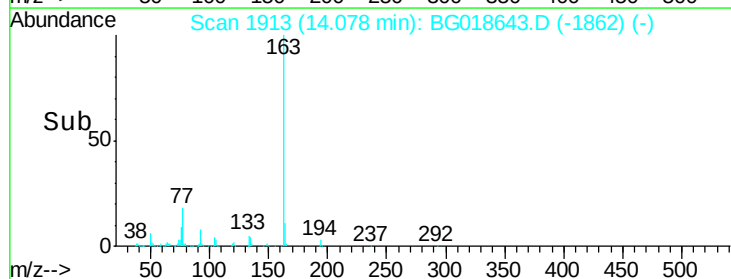
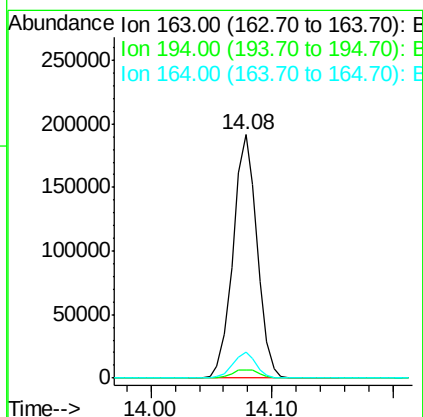
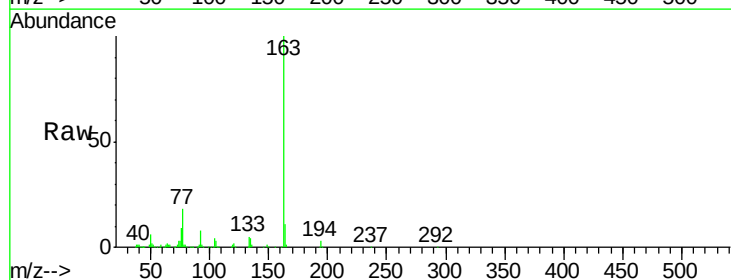
Instrument :
BNA_G
ClientSampleId :
B-21

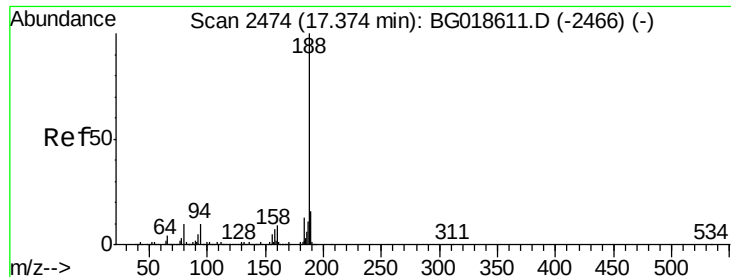
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.6
170	23.9	19.9	29.9



#49
Dimethylphthalate
Concen: 20.64 ng
RT: 14.08 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG018643.D
Acq: 11 Sep 2015 17:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.5	8.8	13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG018643.D

Acq: 11 Sep 2015 17:30

Instrument :

BNA_G

ClientSampleId :

B-21

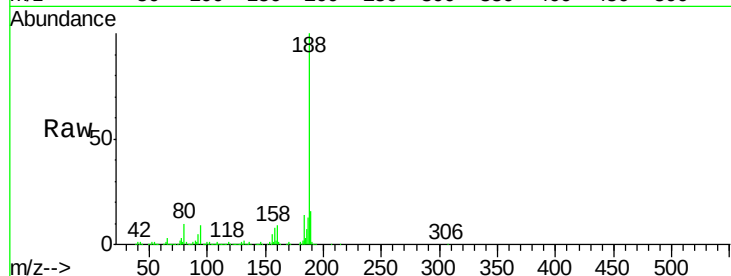
Tot Ion:188 Resp: 440149

Ion Ratio Lower Upper

188 100

94 9.1 7.7 11.5

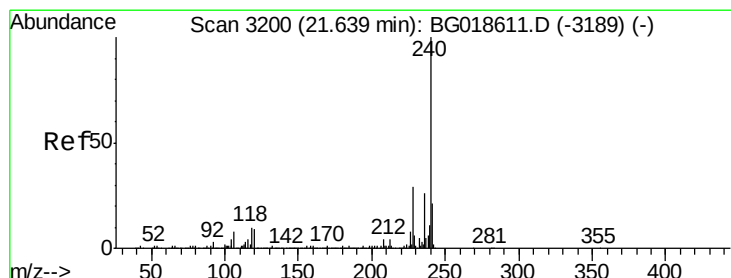
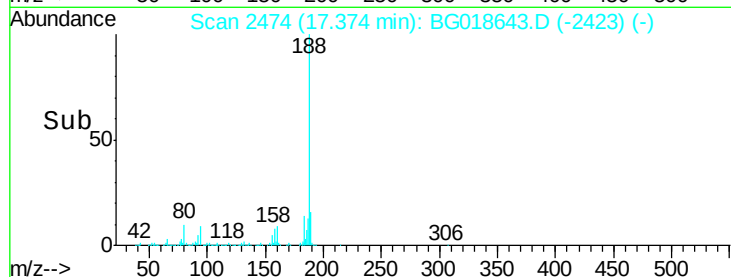
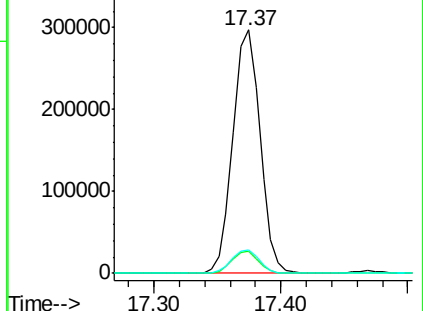
80 9.6 7.8 11.8



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# 3199

Delta R.T. 0.00 min

Lab File: BG018643.D

Acq: 11 Sep 2015 17:30

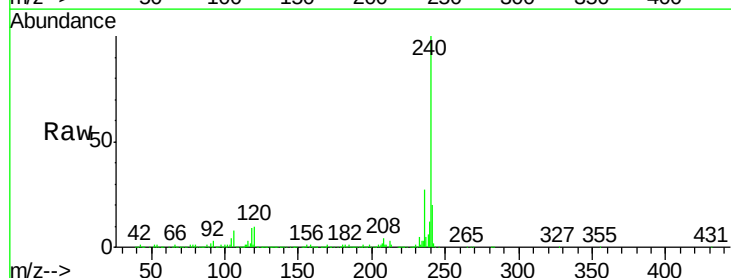
Tgt Ion:240 Resp: 488439

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

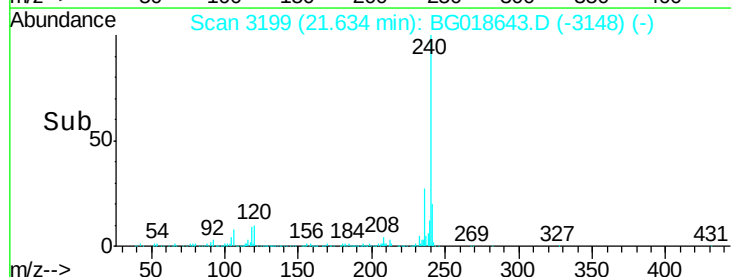
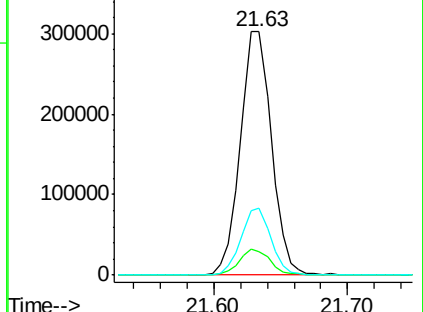
236 27.4 20.7 31.1

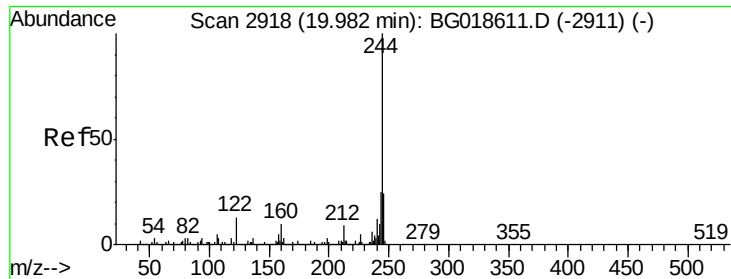


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.79 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018643.D

Acq: 11 Sep 2015 17:30

Instrument :

BNA_G

ClientSampleId :

B-21

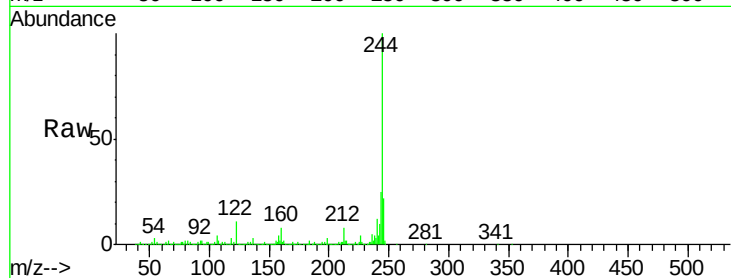
Tot Ion:244 Resp: 1149289

Ion Ratio Lower Upper

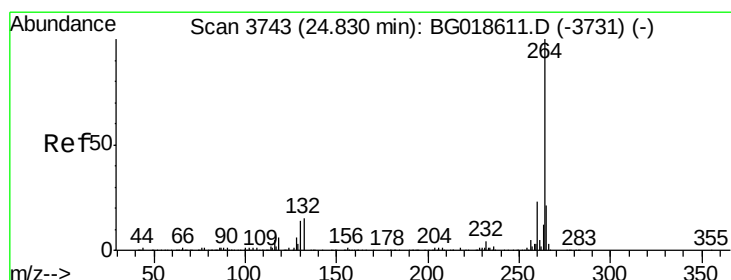
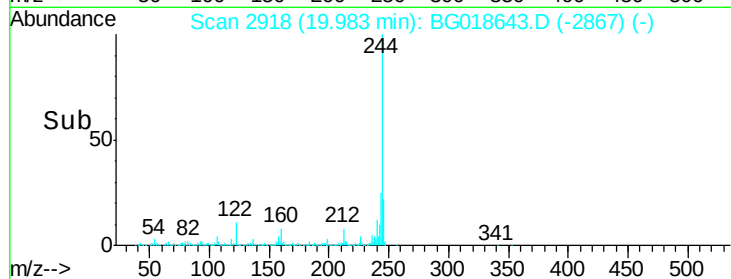
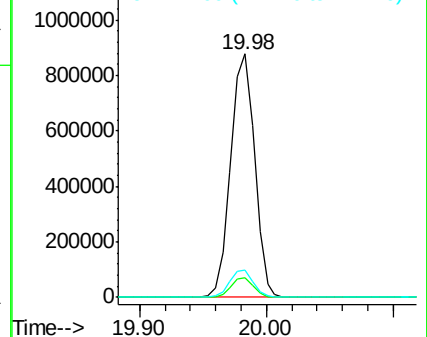
244 100

212 8.3 6.9 10.3

122 11.4 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: BG018643.D

Acq: 11 Sep 2015 17:30

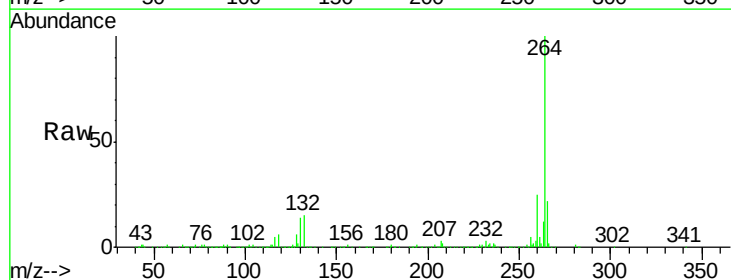
Tgt Ion:264 Resp: 493220

Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 22.4 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

