

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018652.D
 Acq On : 11 Sep 2015 23:15
 Operator : UM/IZ
 Sample : G3638-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091015-EFF-GRAB

Quant Time: Sep 12 00:57:13 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

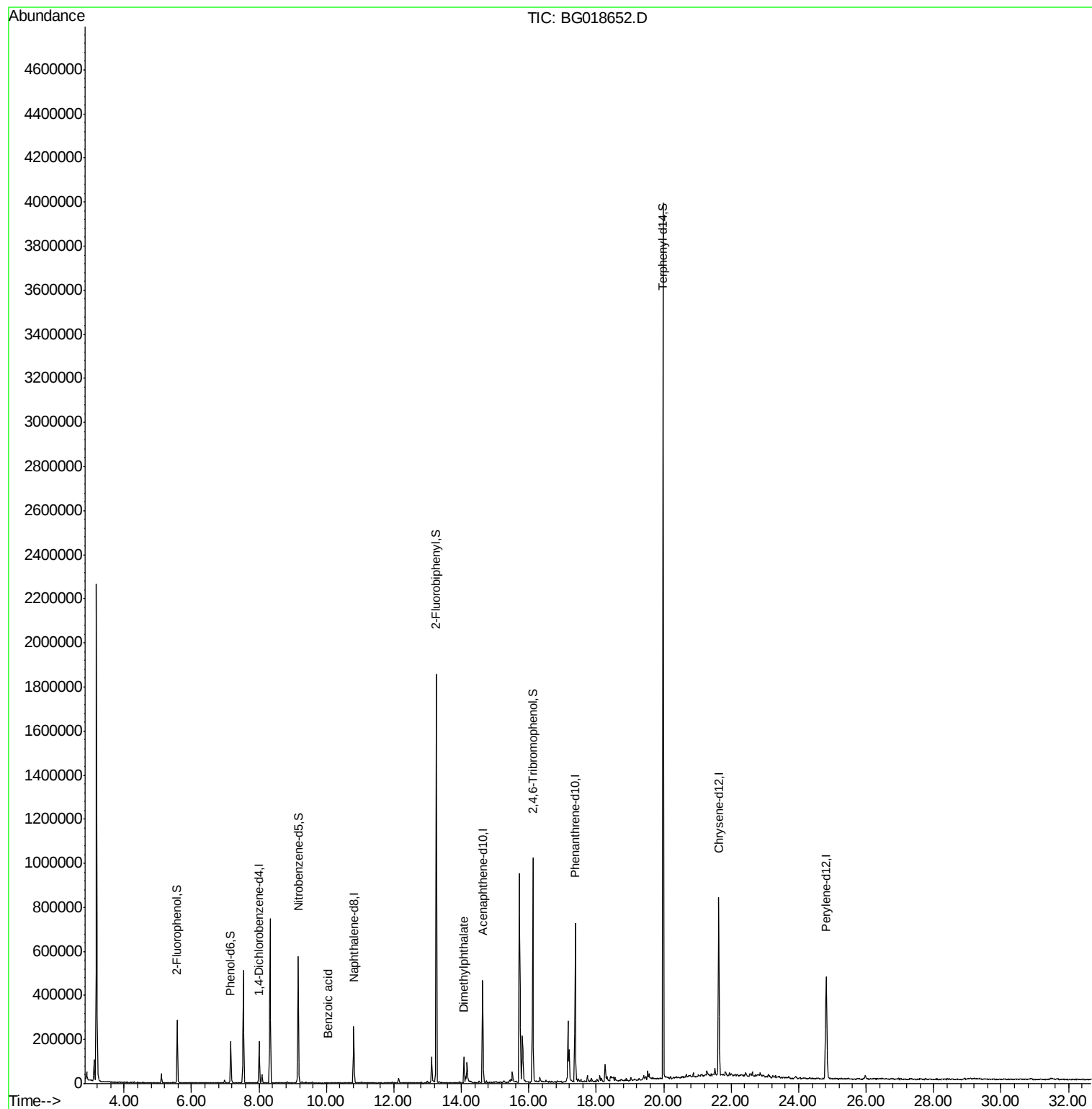
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55585	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	229525	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	154269	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	445545	20.00	ng	0.00
75) Chrysene-d12	21.63	240	490791	20.00	ng	0.00
86) Perylene-d12	24.82	264	485026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	141062	43.84	ng	0.00
7) Phenol-d6	7.16	99	123338	26.73	ng	0.00
23) Nitrobenzene-d5	9.16	82	364924	88.97	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	193060	92.94	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	952623	85.72	ng	0.00
78) Terphenyl-d14	19.98	244	1611006	86.20	ng	0.00
Target Compounds						
32) Benzoic acid	10.05	122	56	7.95	ng	Qvalue # 1
49) Dimethylphthalate	14.08	163	79181	6.20	ng	98

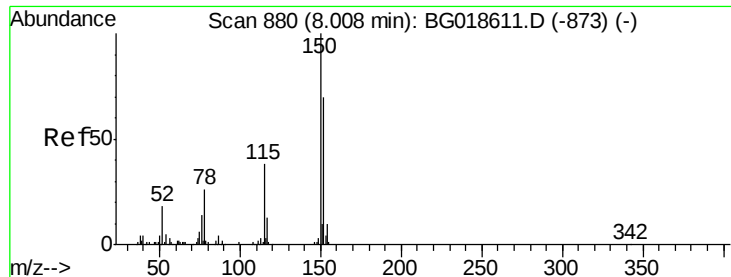
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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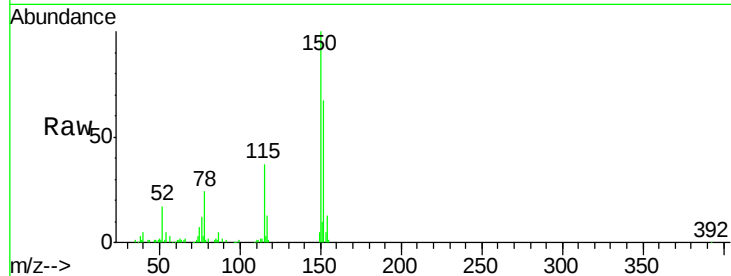


#1

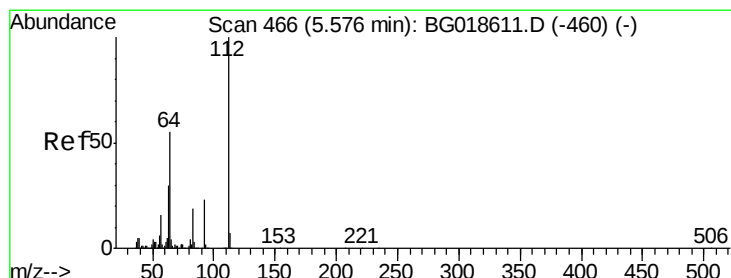
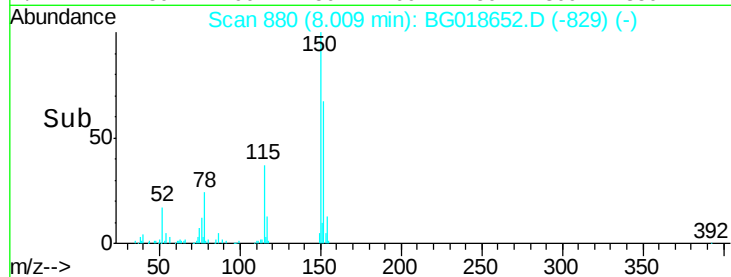
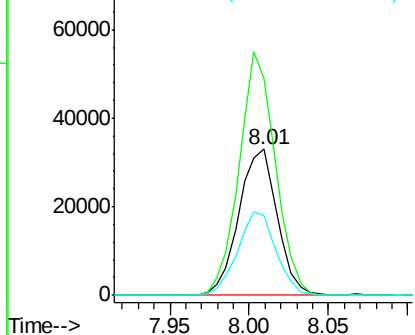
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG018652.D
Acq: 11 Sep 2015 23:15

Instrument :
BNA_G
ClientSampleId :
091015-EFF-GRAB

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	115.0	172.4
115	54.6	43.9	65.9



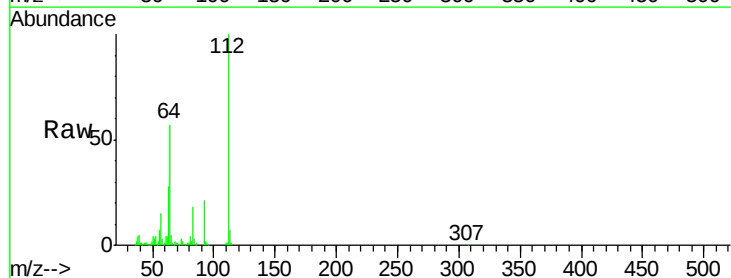
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



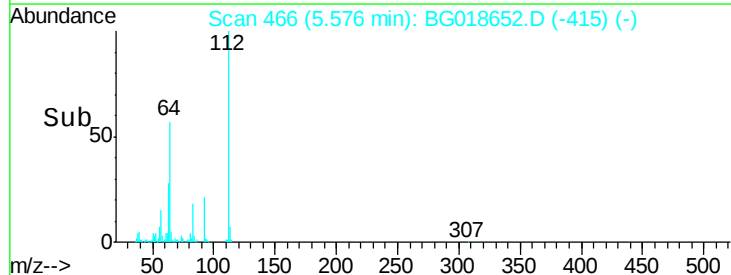
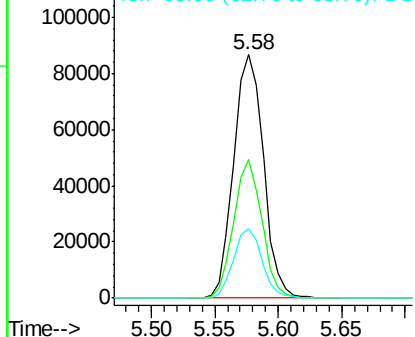
#5

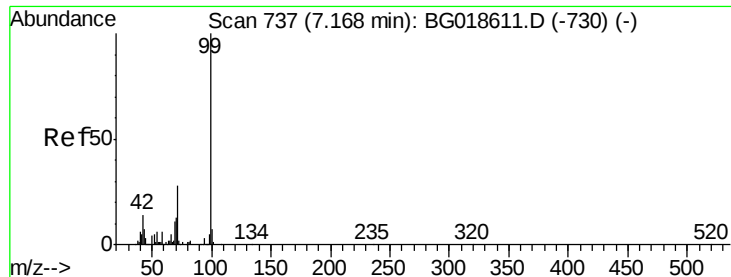
2-Fluorophenol
Concen: 43.84 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018652.D
Acq: 11 Sep 2015 23:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	43.7	65.5
63	28.4	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: 26.73 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018652.D

Acq: 11 Sep 2015 23:15

Instrument :

BNA_G

ClientSampleId :

091015-EFF-GRAB

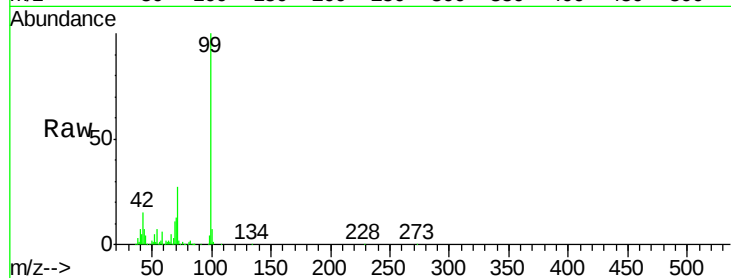
Tot Ion: 99 Resp: 123338

Ion Ratio Lower Upper

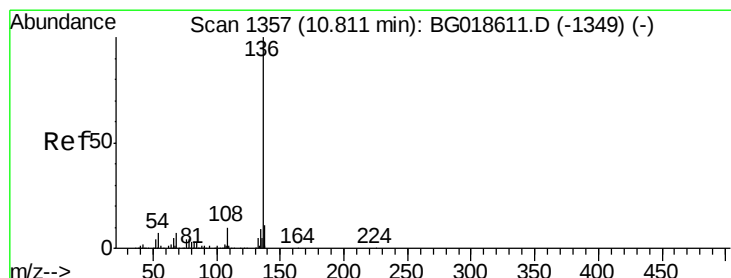
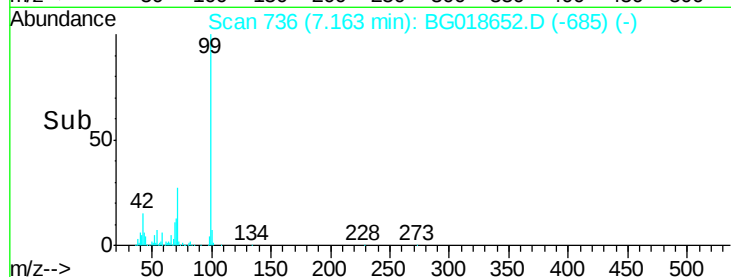
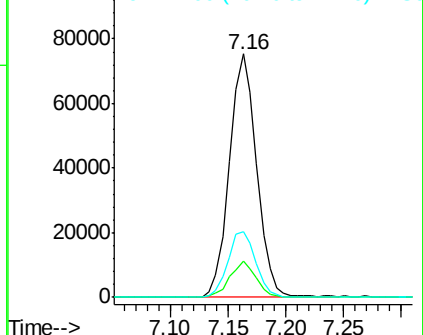
99 100

42 15.1 11.5 17.3

71 27.0 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. -0.01 min

Lab File: BG018652.D

Acq: 11 Sep 2015 23:15

Tgt Ion: 136 Resp: 229525

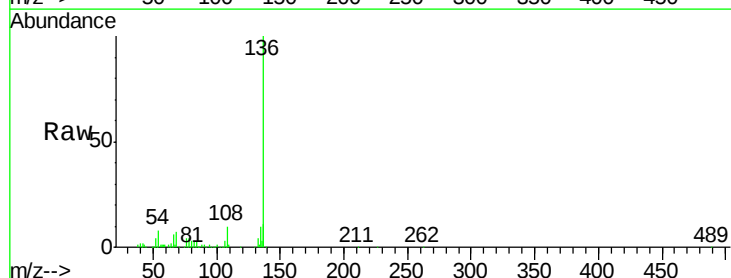
Ion Ratio Lower Upper

136 100

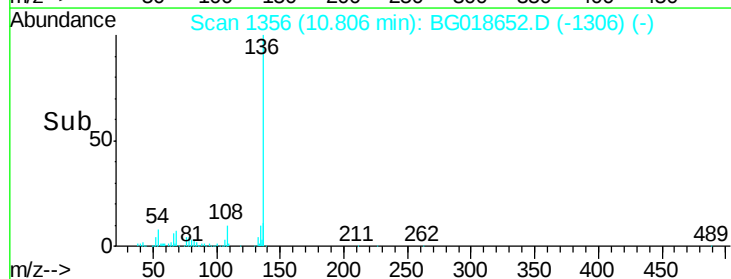
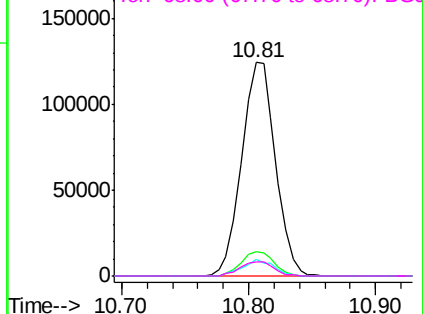
137 11.4 8.6 12.8

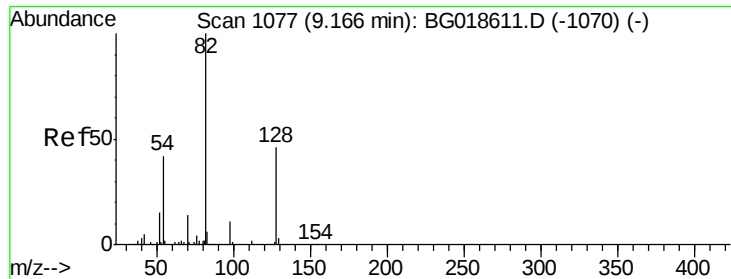
54 7.8 5.4 8.2

68 6.7 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

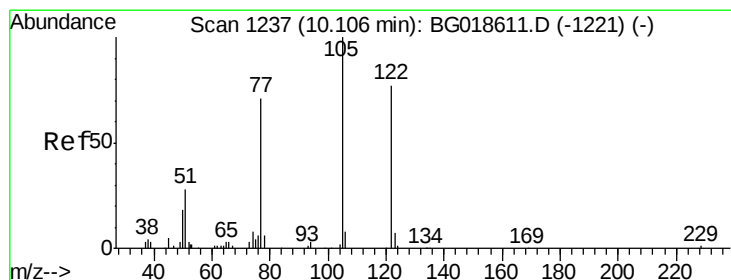
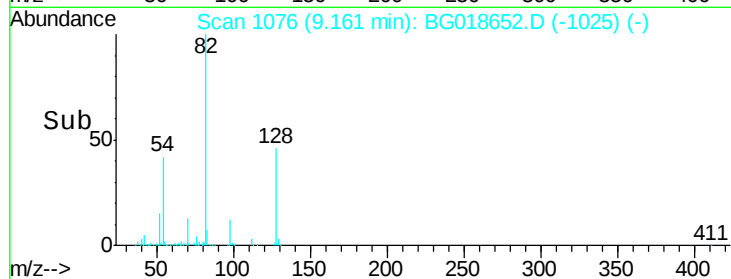
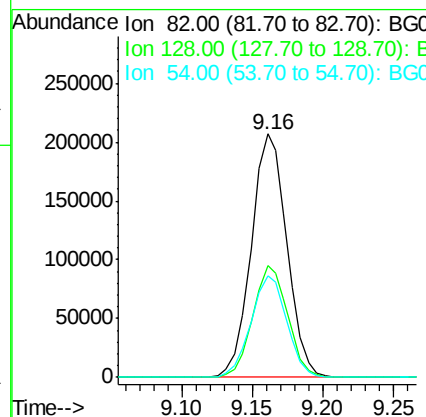
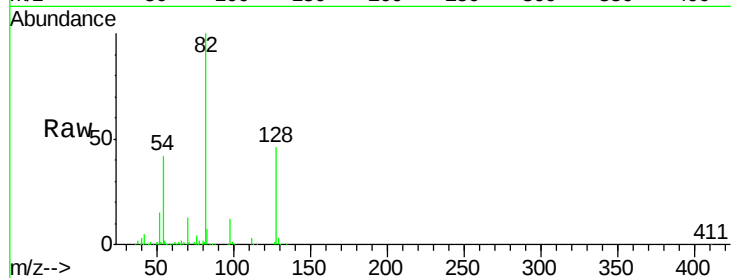




#23
 Nitrobenzene-d5
 Concen: 88.97 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018652.D
 Acq: 11 Sep 2015 23:15

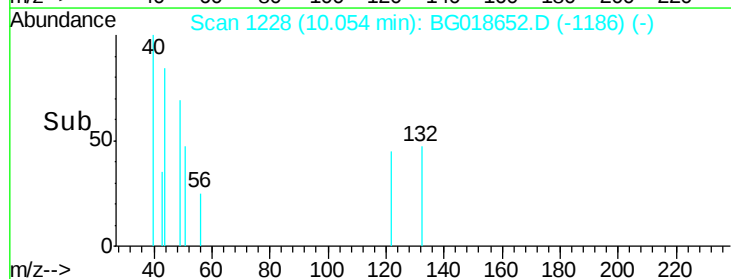
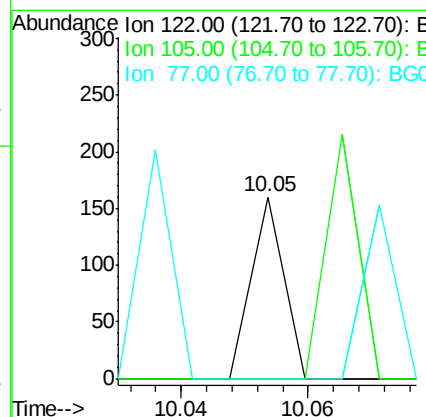
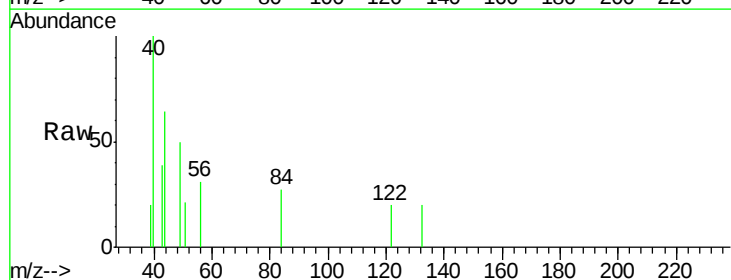
Instrument :
 BNA_G
 ClientSampleId :
 091015-EFF-GRAB

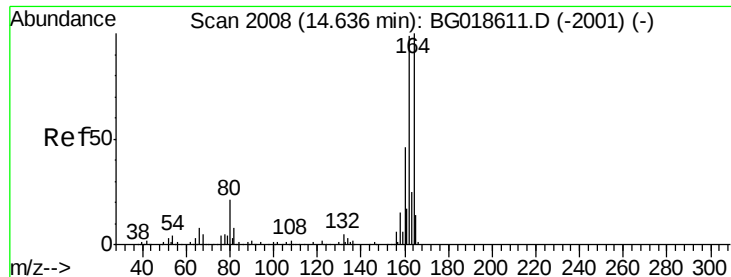
Tot Ion: 82 Resp: 364924
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.7 55.1
 54 41.9 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.05 min Scan# 1228
 Delta R.T. -0.05 min
 Lab File: BG018652.D
 Acq: 11 Sep 2015 23:15

Tgt Ion: 122 Resp: 56
 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: BG018652.D

Acq: 11 Sep 2015 23:15

Instrument :

BNA_G

ClientSampleId :

091015-EFF-GRAB

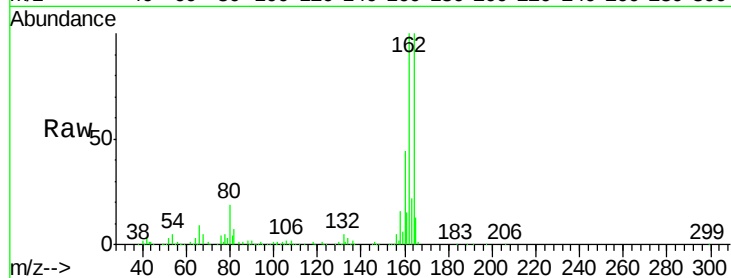
Tot Ion:164 Resp: 154269

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

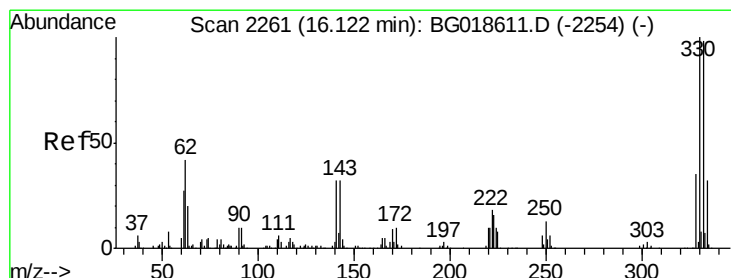
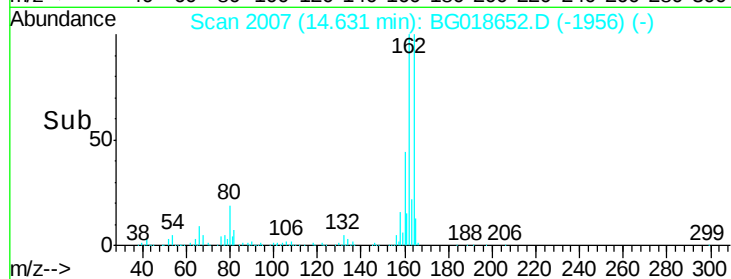
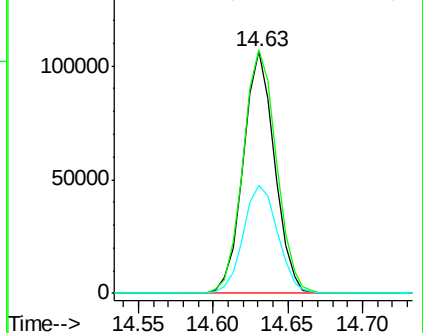
160 44.6 36.4 54.6



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: 92.94 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018652.D

Acq: 11 Sep 2015 23:15

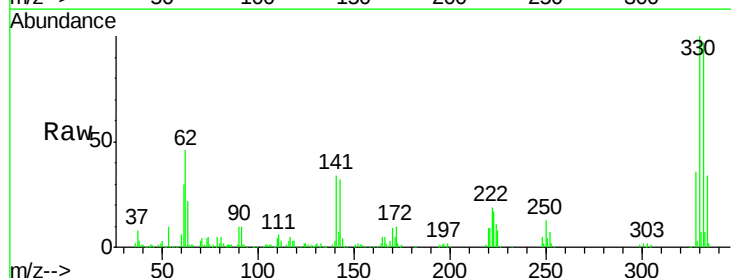
Tgt Ion:330 Resp: 193060

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

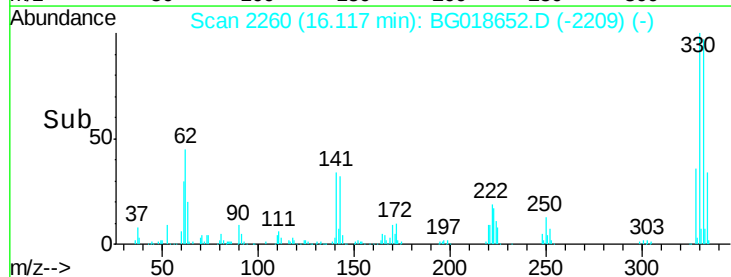
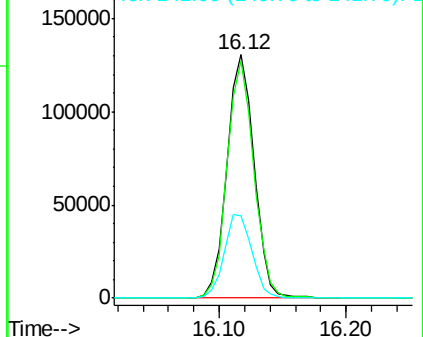
141 35.1 28.2 42.2



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

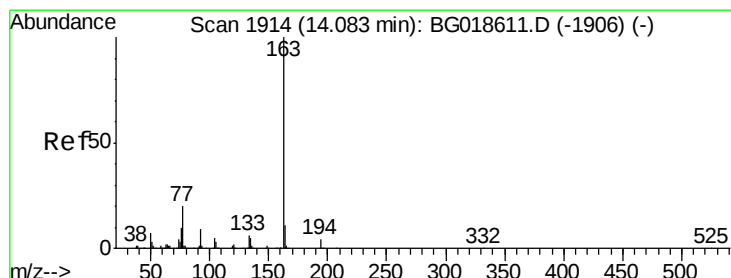
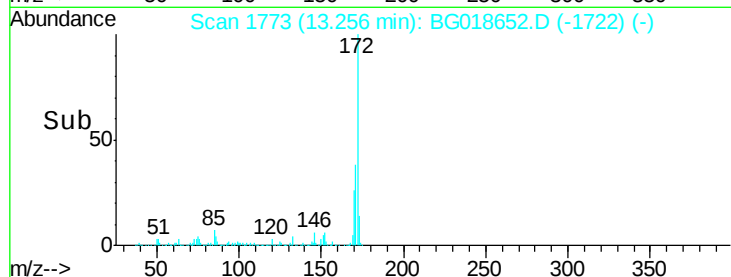
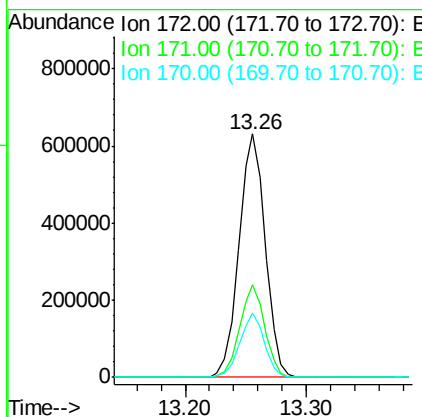
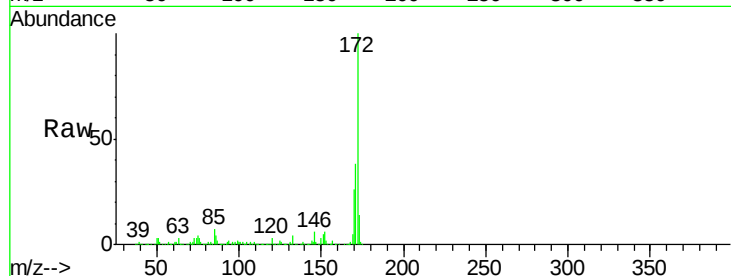




#44
2-Fluorobiphenyl
Concen: 85.72 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018652.D
Acq: 11 Sep 2015 23:15

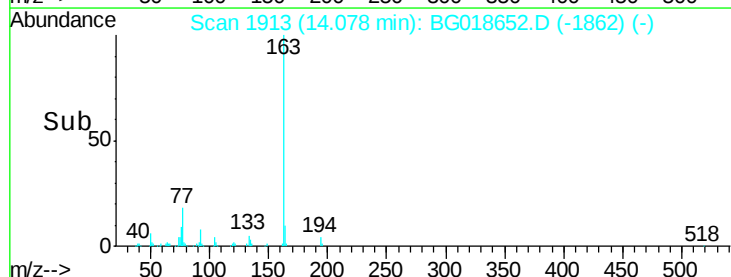
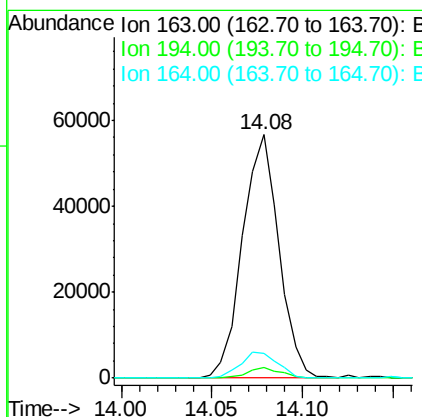
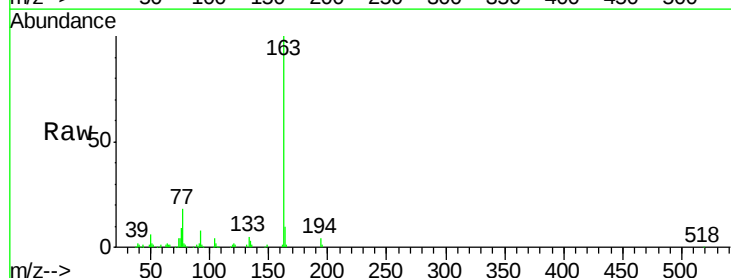
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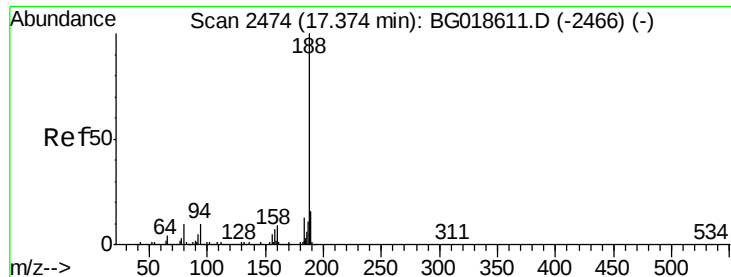
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.6
170	26.3	19.9	29.9



#49
Dimethylphthalate
Concen: 6.20 ng
RT: 14.08 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BG018652.D
Acq: 11 Sep 2015 23:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.2	8.8	13.2

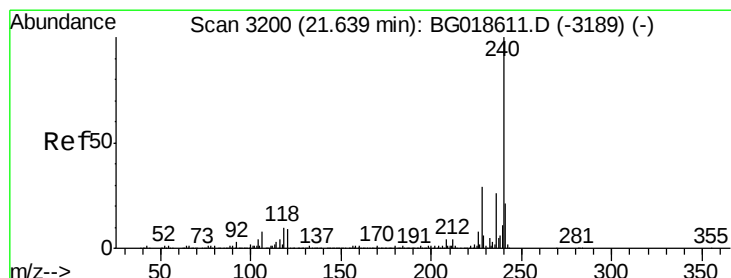
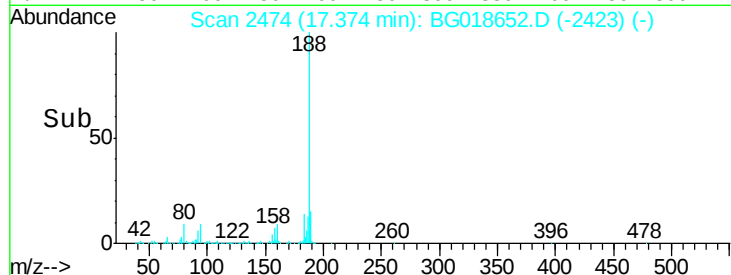
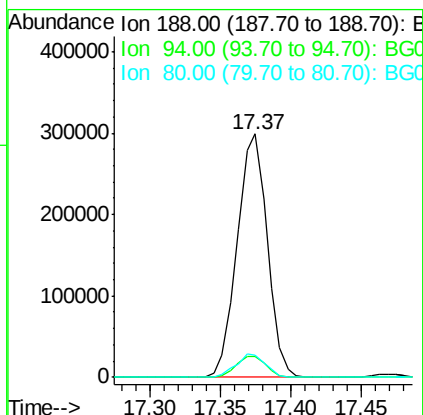
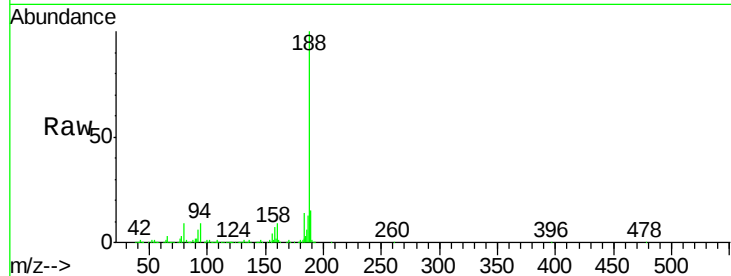




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG018652.D
Acq: 11 Sep 2015 23:15

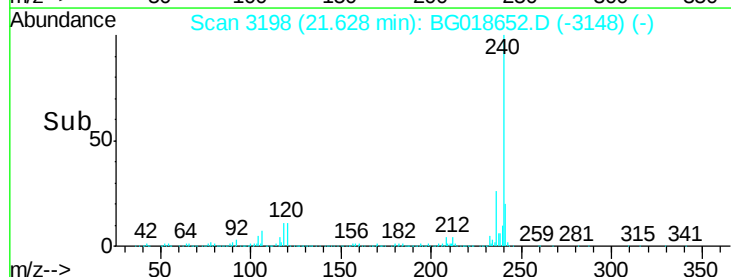
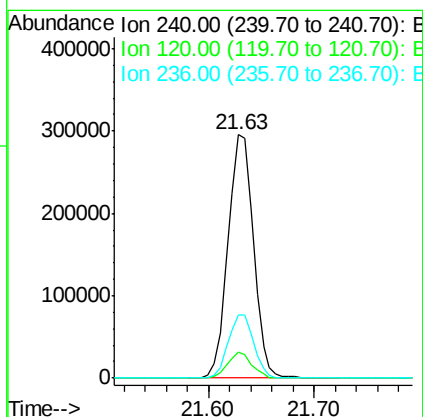
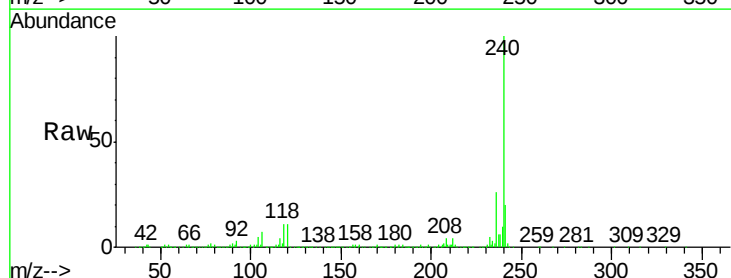
Instrument :
BNA_G
ClientSampleId :
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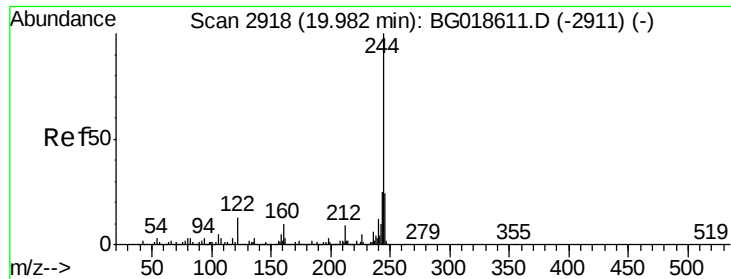
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.7	11.5
80	9.0	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018652.D
Acq: 11 Sep 2015 23:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.4	11.0
236	25.8	20.7	31.1





#78

Terphenyl-d14

Concen: 86.20 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018652.D

Acq: 11 Sep 2015 23:15

Instrument :

BNA_G

ClientSampleId :

091015-EFF-GRAB

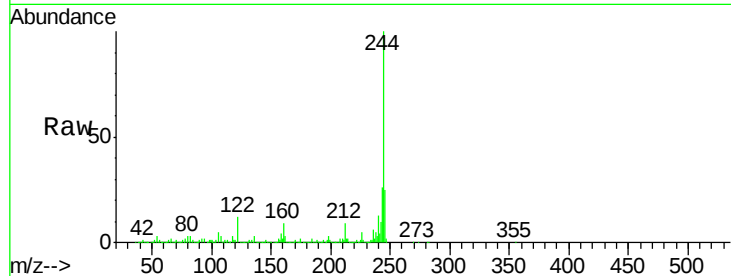
Tot Ion:244 Resp: 1611006

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

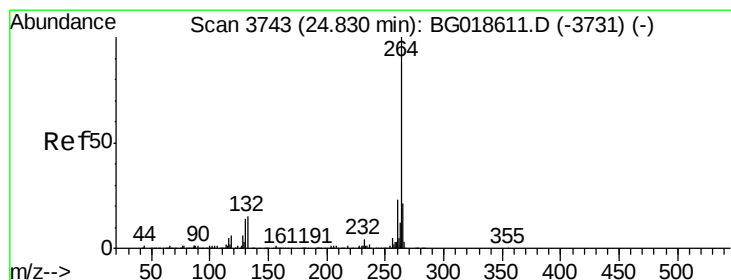
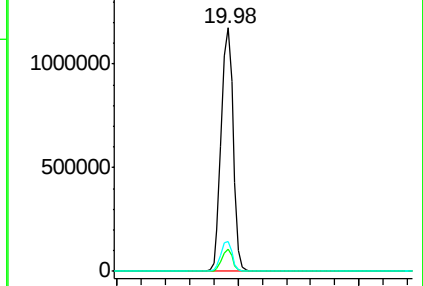
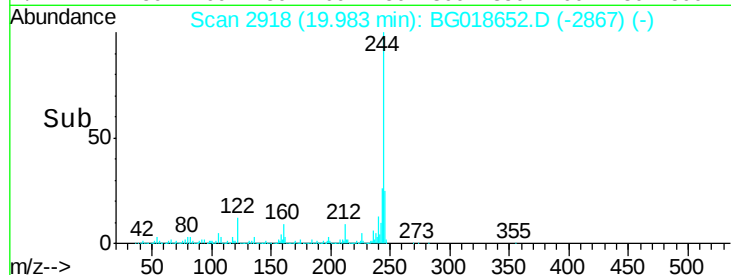
122 12.4 10.2 15.2



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: BG018652.D

Acq: 11 Sep 2015 23:15

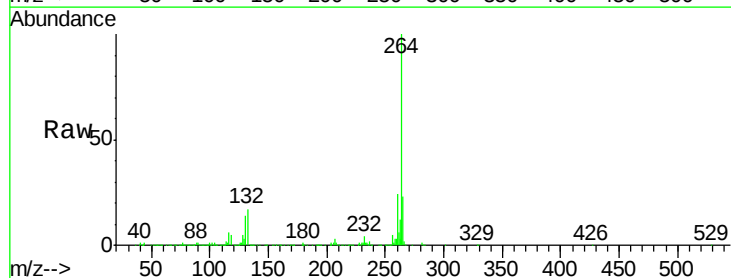
Tgt Ion:264 Resp: 485026

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.8 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

