

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023837.D
 Acq On : 22 Aug 2016 17:30
 Operator : UM/SJ
 Sample : H4550-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

Quant Time: Aug 23 01:02:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

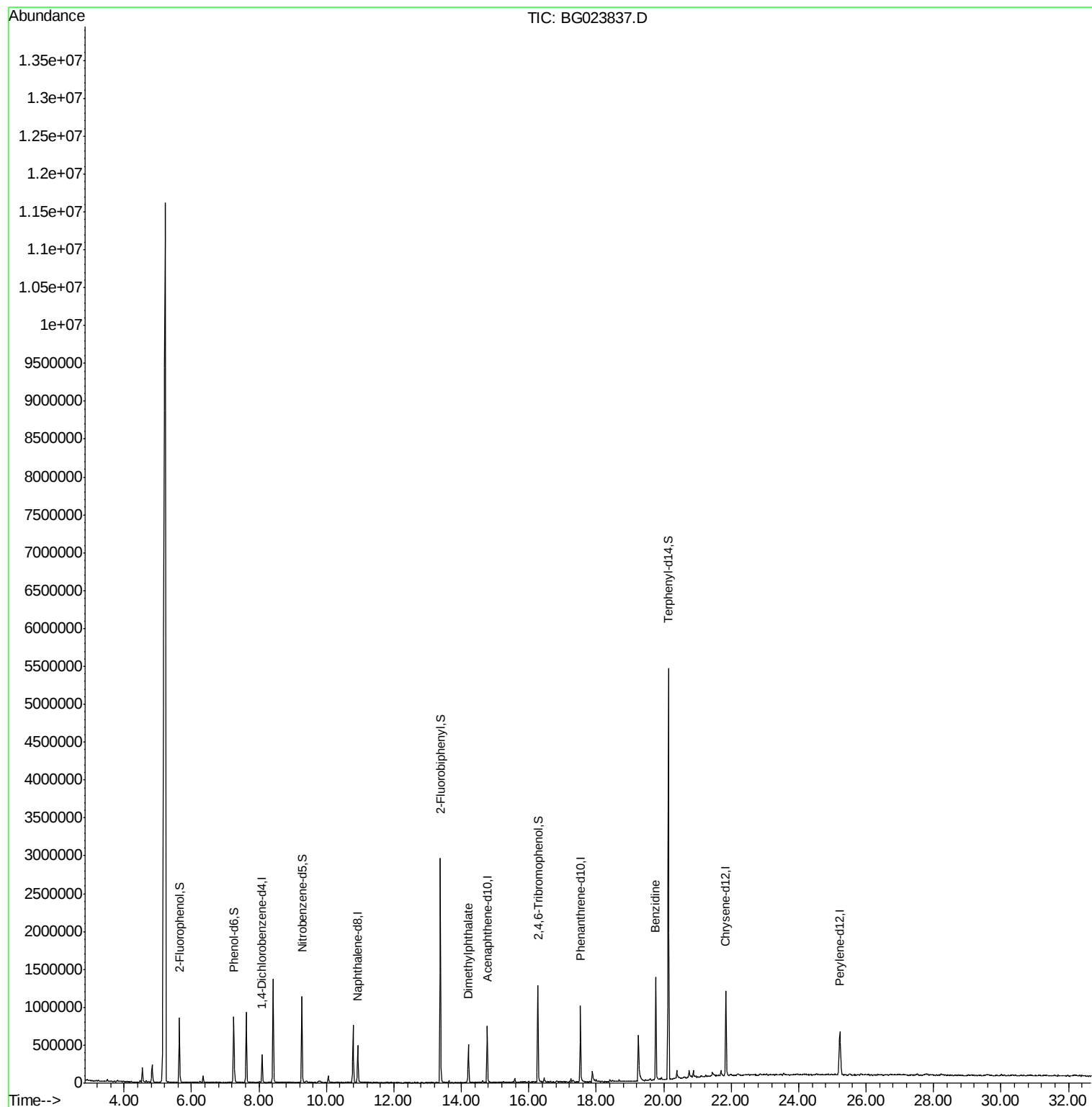
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	100360	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	399470	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	250321	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	586366	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	679464	20.00	ng	-0.02
86) Perylene-d12	25.22	264	665143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354816	59.51	ng	-0.02
7) Phenol-d6	7.25	99	514255	55.38	ng	-0.03
23) Nitrobenzene-d5	9.27	82	748829	93.19	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	245466	67.04	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1431691	96.47	ng	-0.02
78) Terphenyl-d14	20.14	244	2128712	101.83	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	329722	17.17	ng	99
76) Benzidine	19.76	184	759234	40.20	ng	97

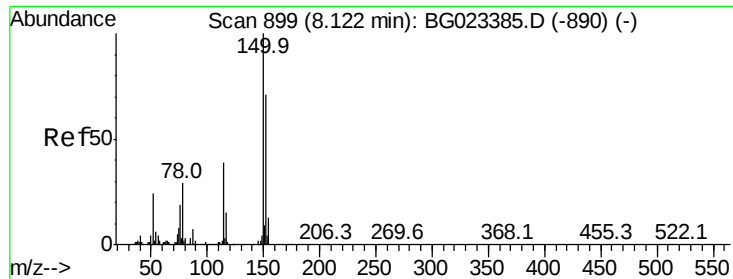
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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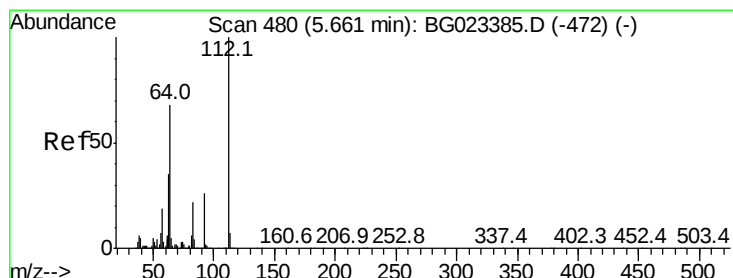
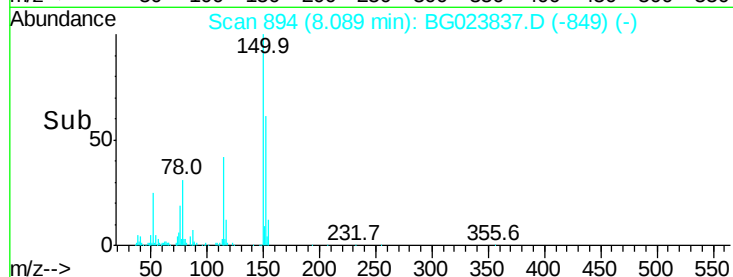
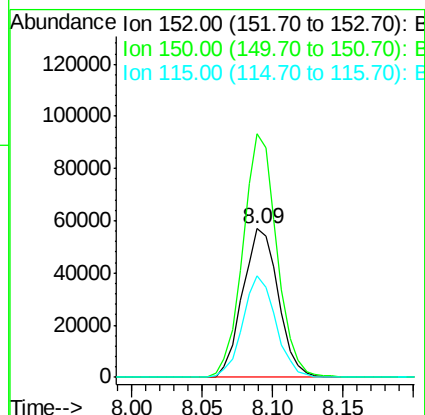
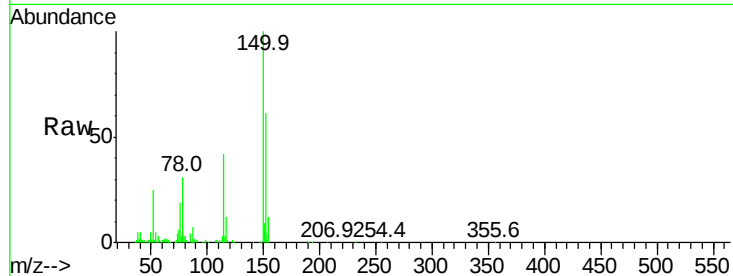


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Instrument :
BNA_G
ClientSampleId :
TP-4-COMPOSITE

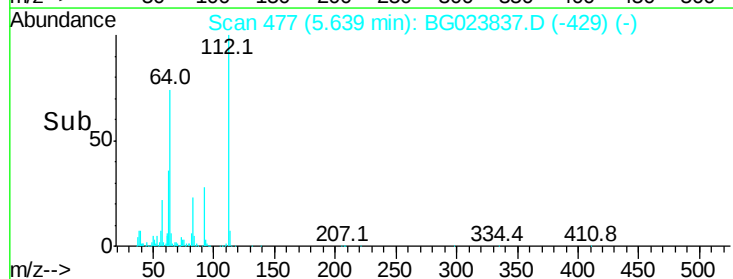
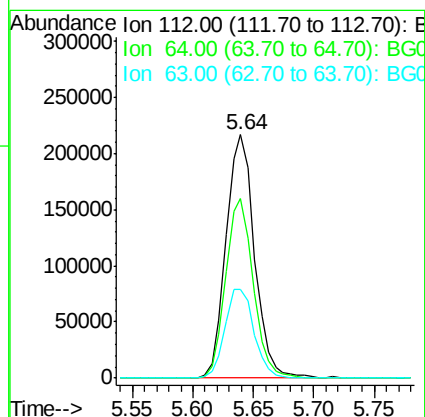
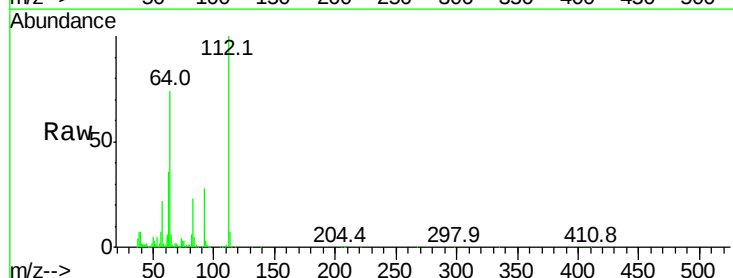
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	144.7	217.1
115	68.7	64.0	96.0

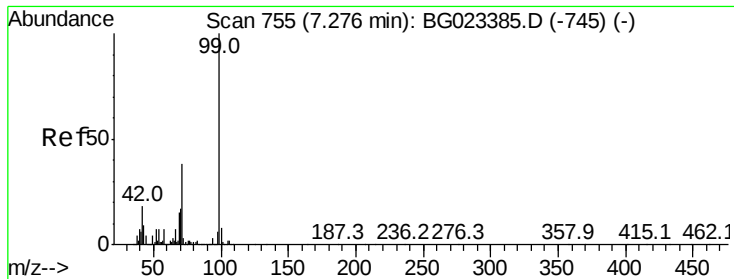


#5

2-Fluorophenol
Concen: 59.51 ng
RT: 5.64 min Scan# 477
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	59.0	88.4
63	36.2	37.8	56.8#





#7

Phenol-d6

Concen: 55.38 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

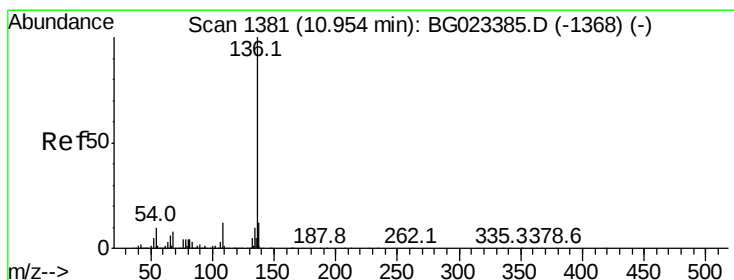
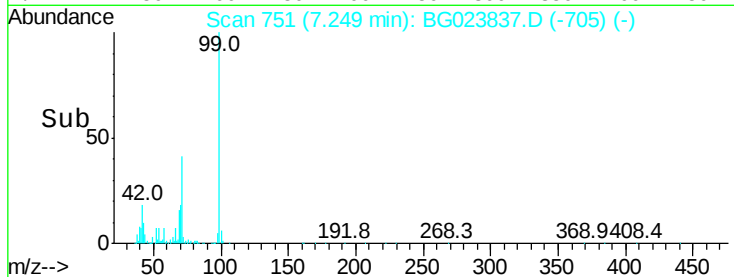
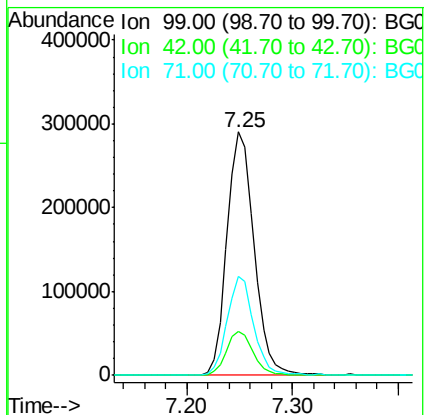
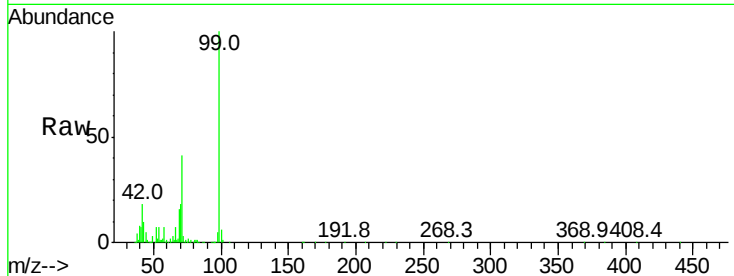
Tot Ion: 99 Resp: 514255

Ion Ratio Lower Upper

99 100

42 18.3 17.8 26.6

71 40.8 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Tgt Ion: 136 Resp: 399470

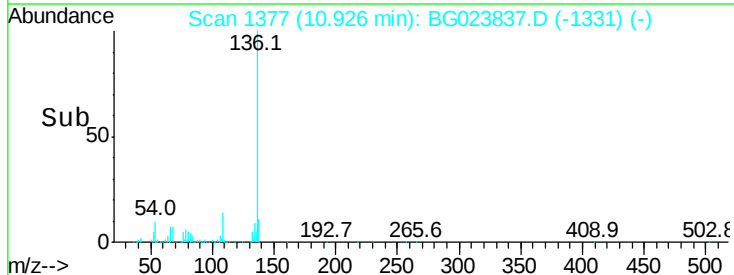
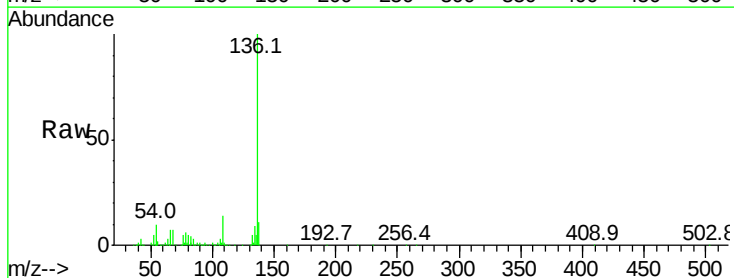
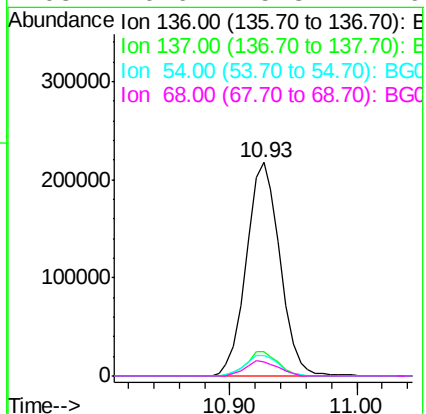
Ion Ratio Lower Upper

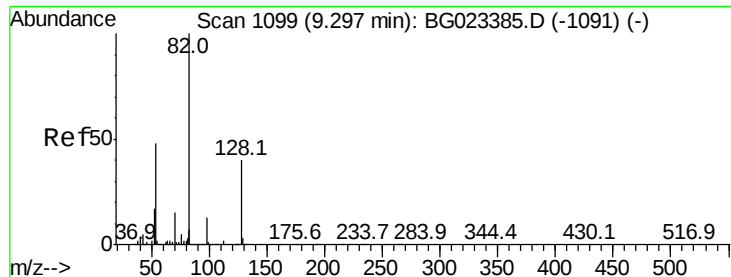
136 100

137 11.3 9.6 14.4

54 9.7 7.3 10.9

68 6.6 5.3 7.9

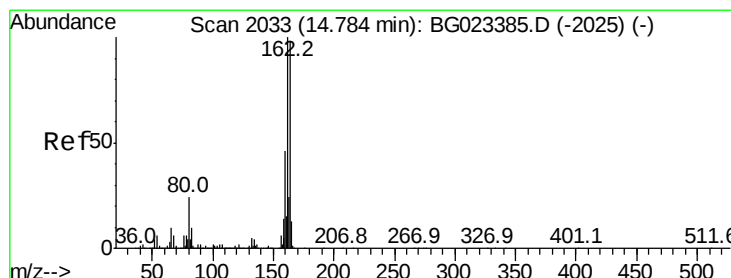
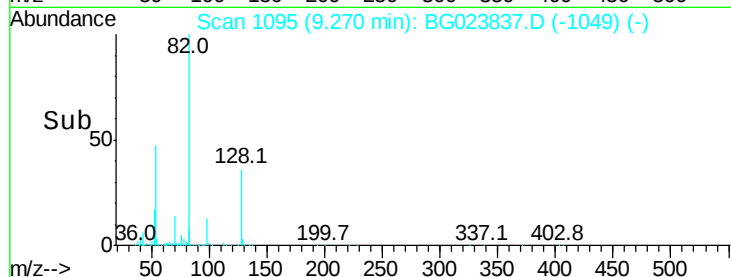
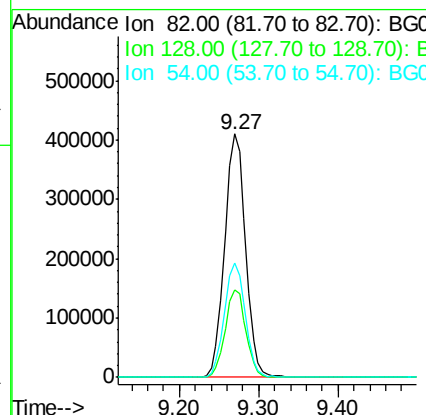
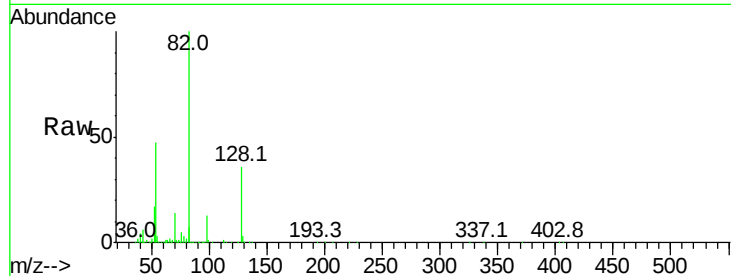




#23
 Nitrobenzene-d5
 Concen: 93.19 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023837.D
 Acq: 22 Aug 2016 17:30

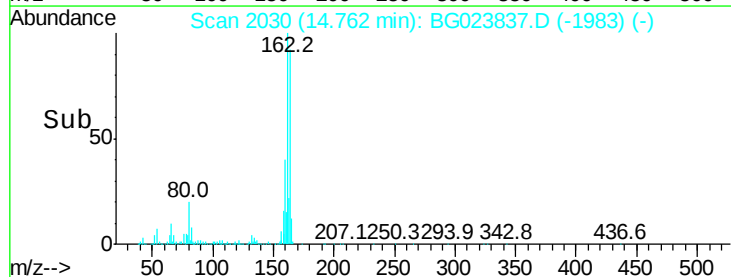
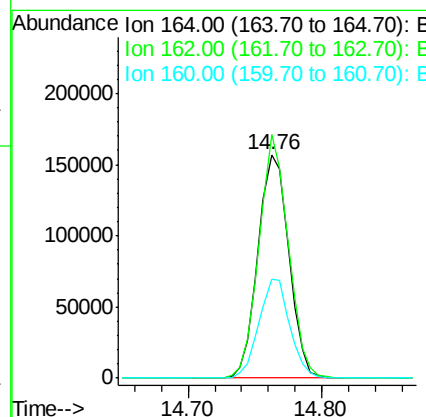
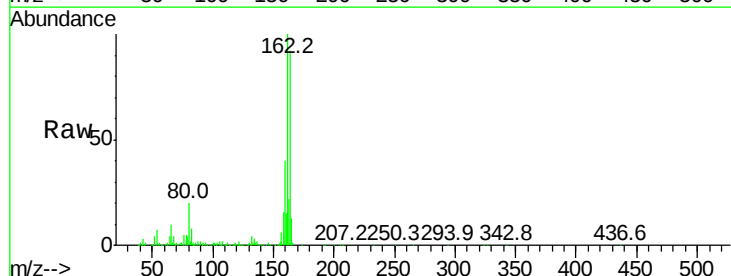
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

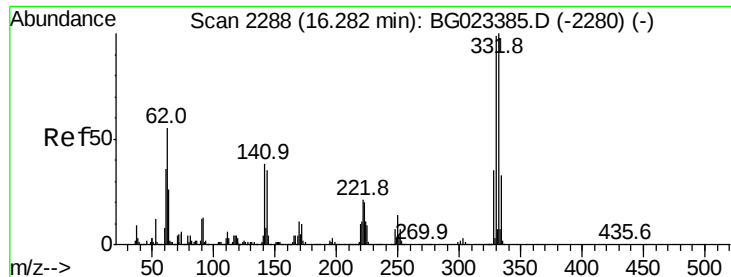
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	47.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023837.D
 Acq: 22 Aug 2016 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.8	87.7	131.5
160	44.0	37.2	55.8

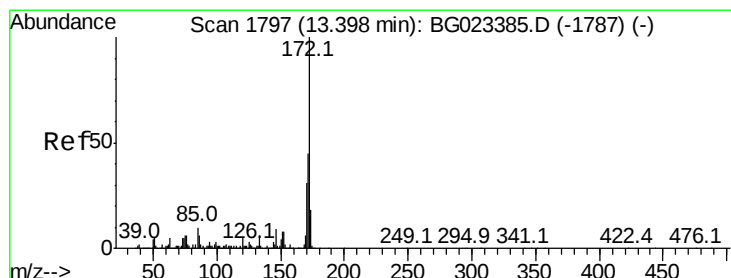
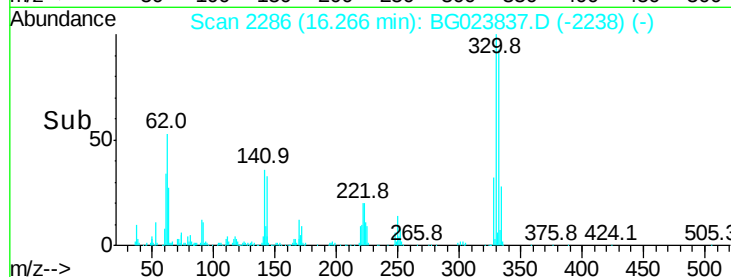
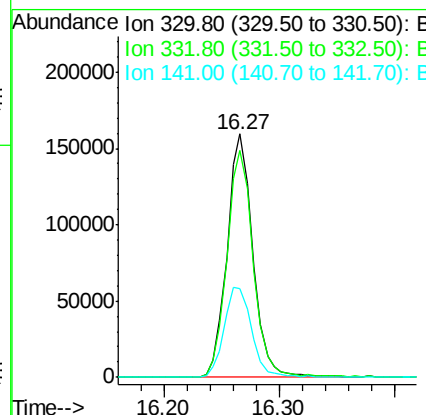
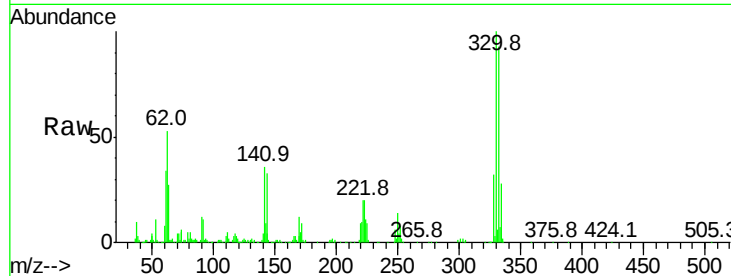




#41
 2,4,6-Tribromophenol
 Concen: 67.04 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.02 min
 Lab File: BG023837.D
 Acq: 22 Aug 2016 17:30

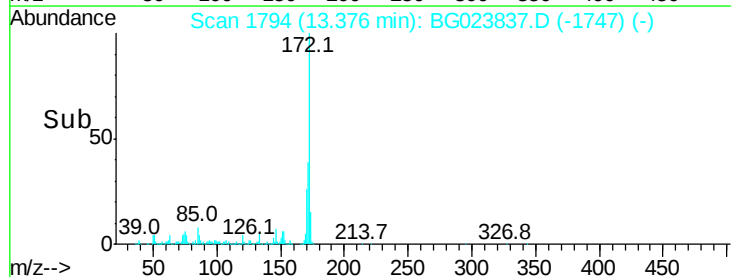
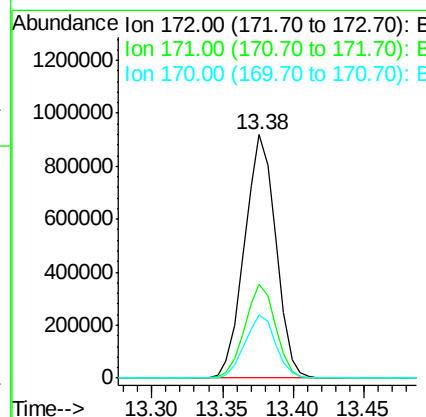
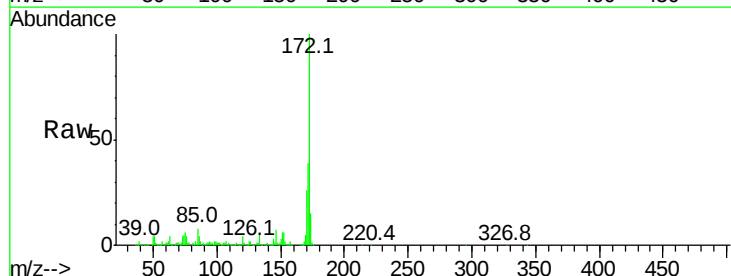
Instrument :
 BNA_G
 ClientSampleId :
 TP-4-COMPOSITE

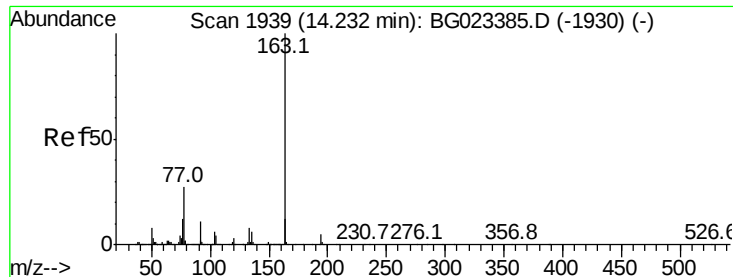
Tot Ion:330 Resp: 245466
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 39.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 96.47 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023837.D
 Acq: 22 Aug 2016 17:30

Tgt Ion:172 Resp: 1431691
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.6 47.4
 170 25.8 21.3 31.9





#49

Dimethylphthalate

Concen: 17.17 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

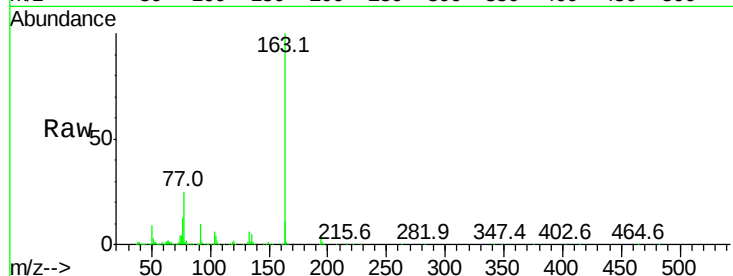
Tot Ion:163 Resp: 329722

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

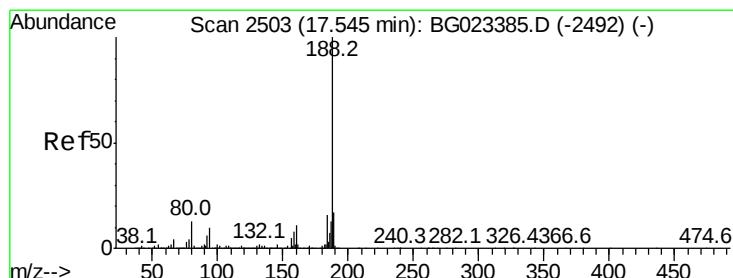
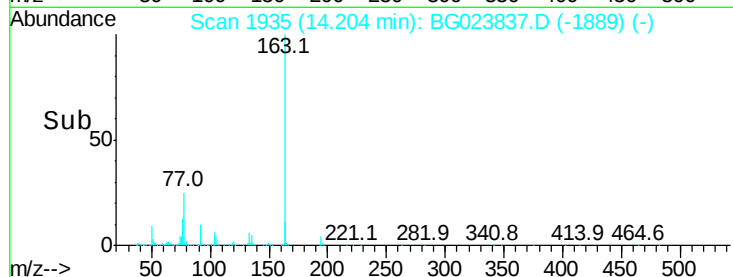
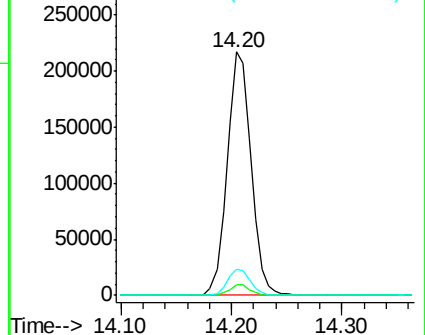
164 10.6 8.1 12.1



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: 17.53 min Scan# 2501

Delta R.T. -0.02 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

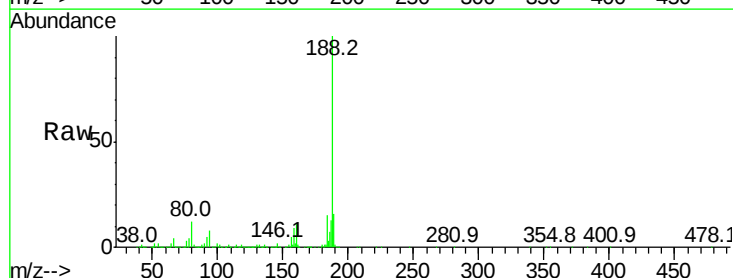
Tgt Ion:188 Resp: 586366

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

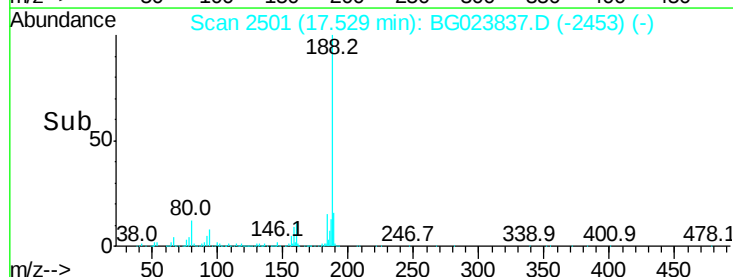
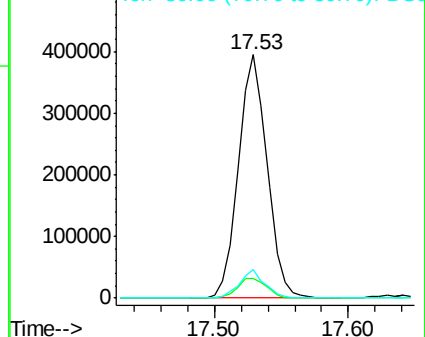
80 11.6 7.2 10.8#

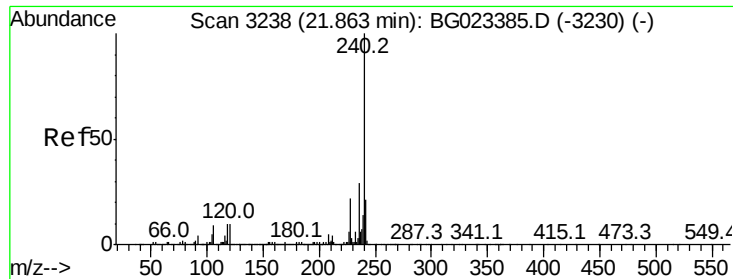


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

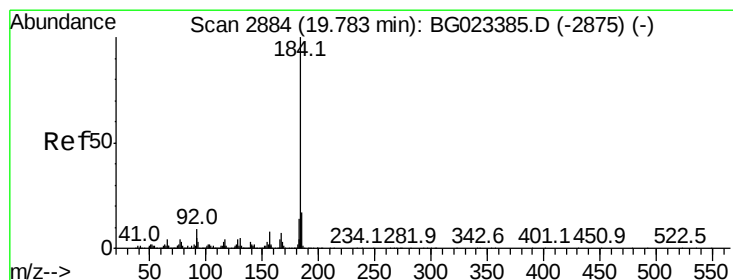
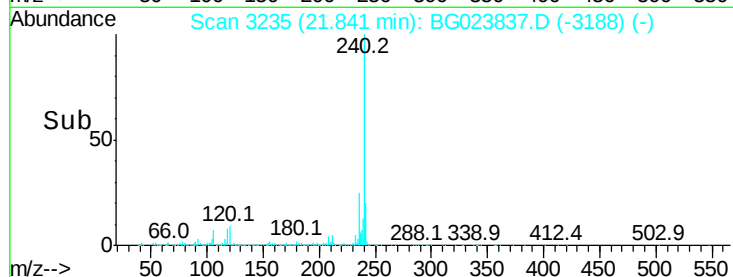
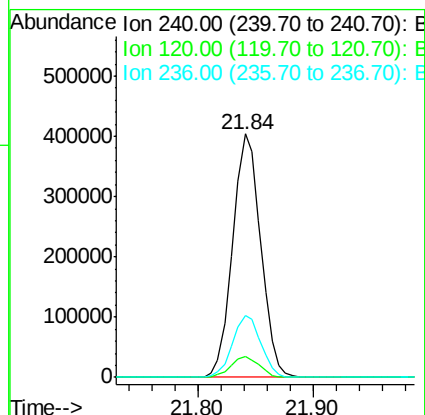
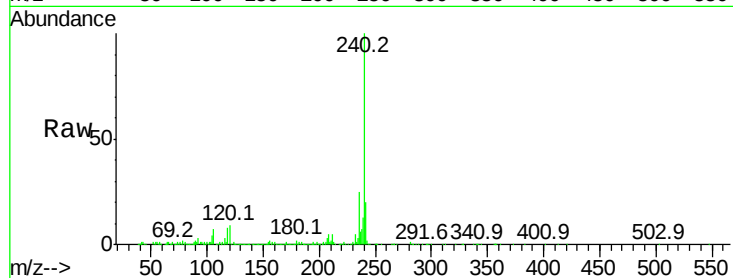




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

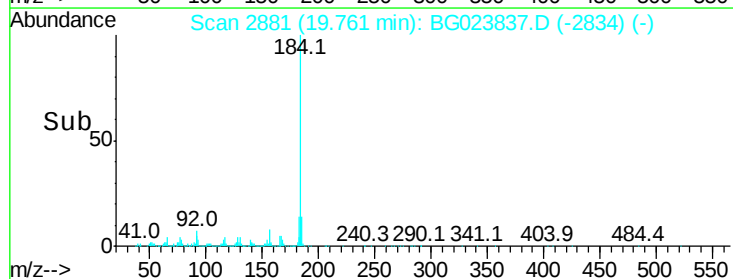
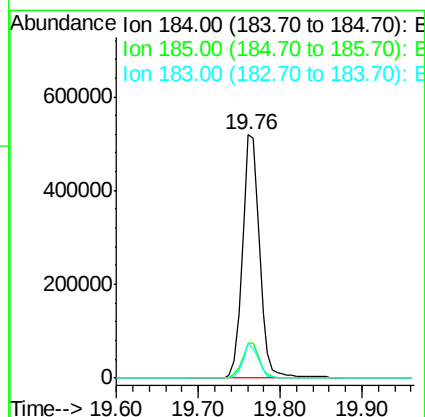
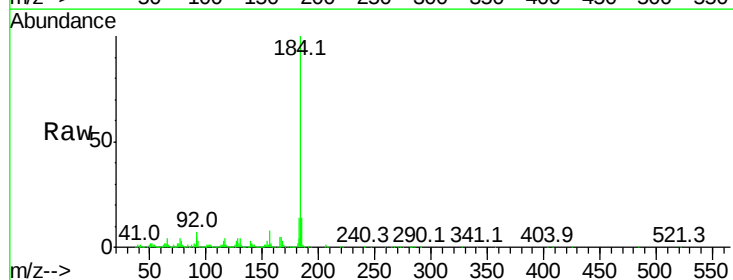
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BNA_G
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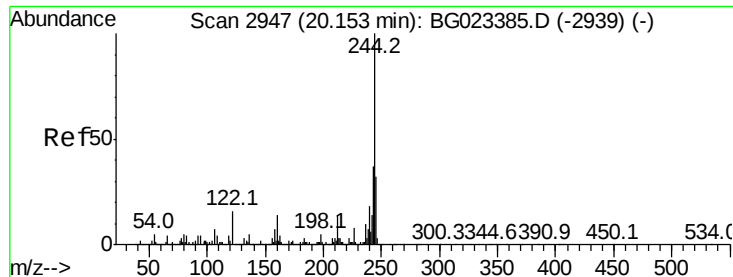
Tot Ion:240 Resp: 679464
Ion Ratio Lower Upper
240 100
120 8.6 4.1 6.1#
236 25.2 21.1 31.7



#76
Benzidine
Concen: 40.20 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BG023837.D
Acq: 22 Aug 2016 17:30

Tgt Ion:184 Resp: 759234
Ion Ratio Lower Upper
184 100
185 14.4 12.6 19.0
183 14.2 10.7 16.1





#78

Terphenyl-d14

Concen: 101.83 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

Instrument :

BNA_G

ClientSampleId :

TP-4-COMPOSITE

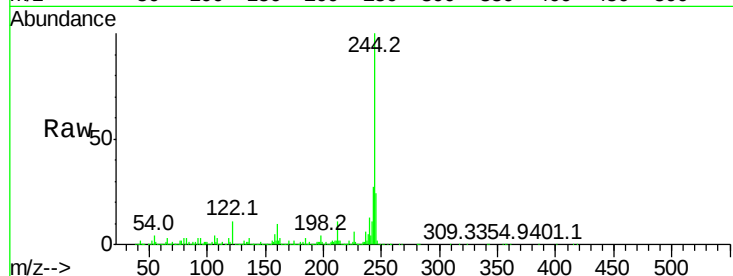
Tot Ion:244 Resp: 2128712

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2
122	10.9	8.0	12.0

244 100

212 10.8 10.8 16.2

122 10.9 8.0 12.0

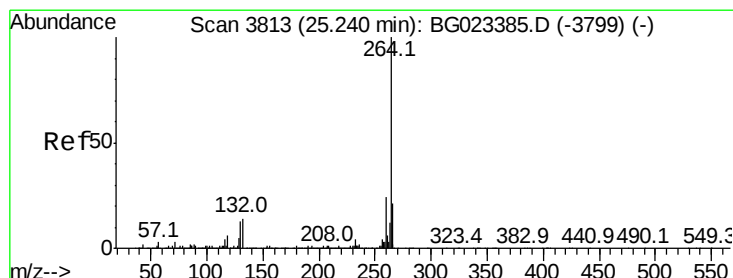
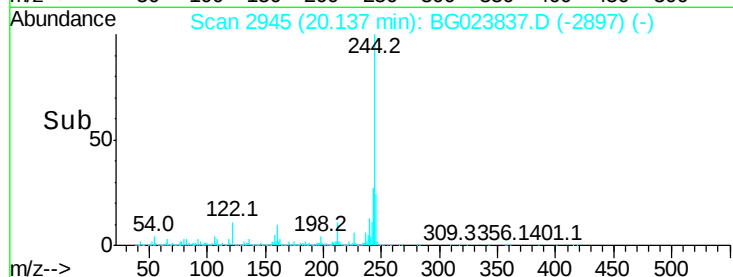
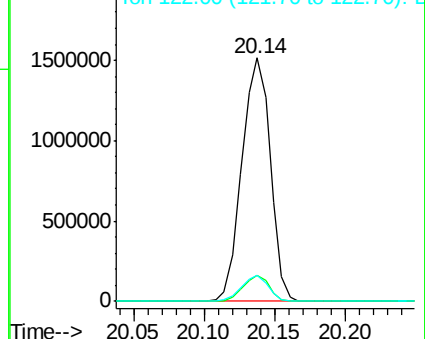


Abundance

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: 25.22 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BG023837.D

Acq: 22 Aug 2016 17:30

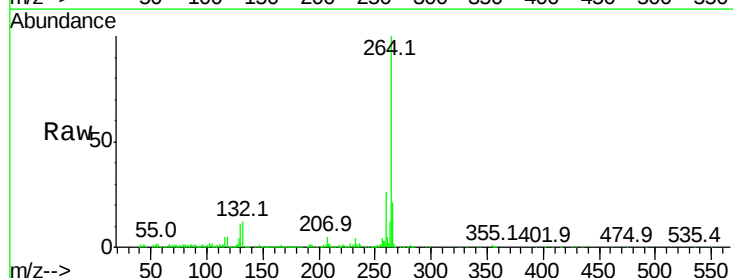
Tgt Ion:264 Resp: 665143

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.4	27.6
265	21.1	18.9	28.3

264 100

260 25.9 18.4 27.6

265 21.1 18.9 28.3



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

