

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025448.D
 Acq On : 10 Jan 2017 2:39
 Operator : UM/SJ
 Sample : I1056-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-20

Quant Time: Jan 10 04:33:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

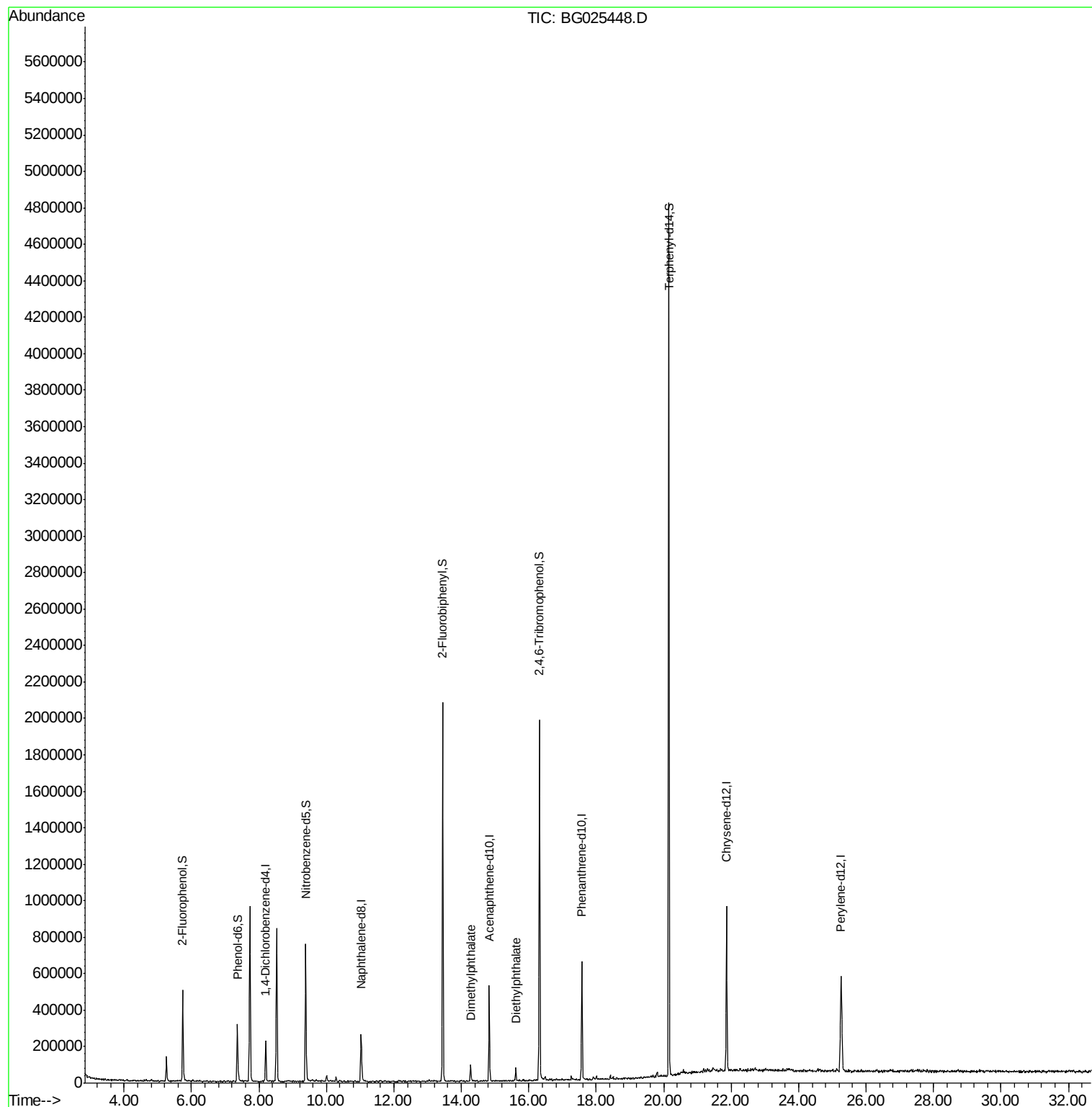
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55405	20.00	ng	-0.02
21) Naphthalene-d8	11.02	136	225076	20.00	ng	-0.02
38) Acenaphthene-d10	14.82	164	186885	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	412749	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	605479	20.00	ng	-0.02
86) Perylene-d12	25.26	264	657238	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	208708	68.47	ng	-0.01
7) Phenol-d6	7.36	99	178581	41.60	ng	-0.01
23) Nitrobenzene-d5	9.38	82	471591	92.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	396945	131.93	ng	-0.01
44) 2-Fluorobiphenyl	13.44	172	1046593	90.67	ng	-0.02
78) Terphenyl-d14	20.15	244	2026962	88.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.28	163	68673	5.04	ng	Qvalue # 89
59) Diethylphthalate	15.62	149	33458	2.34	ng	99

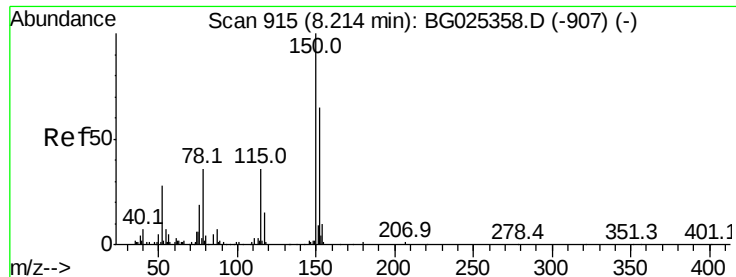
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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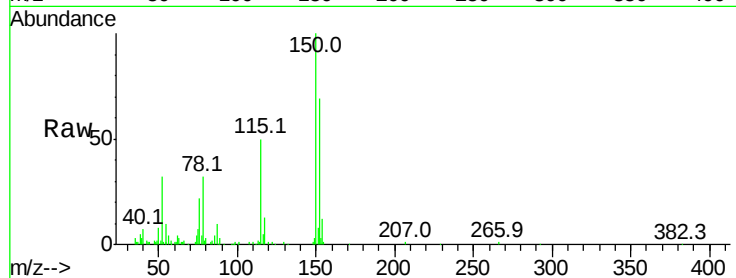


#1

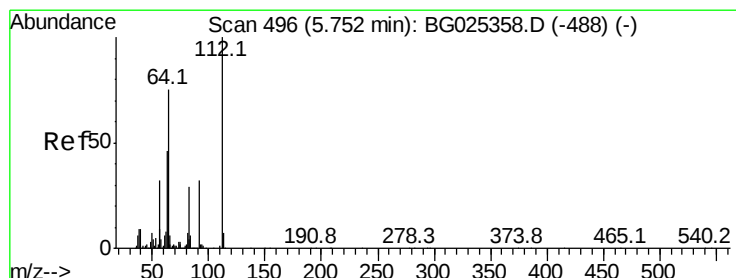
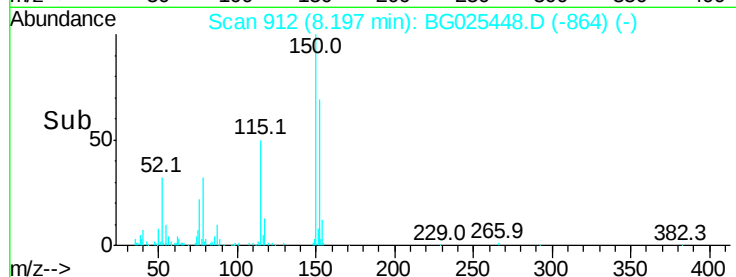
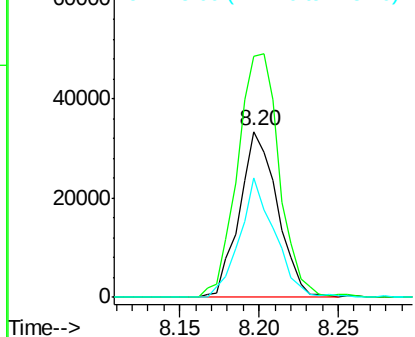
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Instrument :
BNA_G
ClientSampleId :
W-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	114.0	171.0
115	72.2	48.1	72.1#



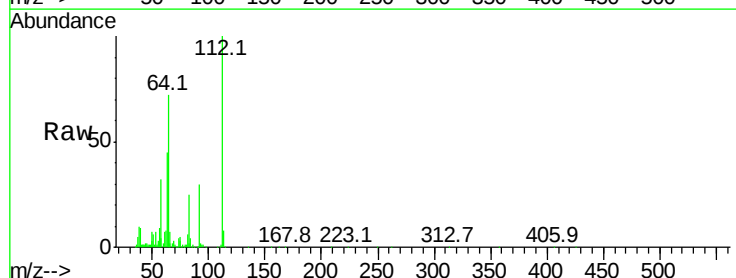
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



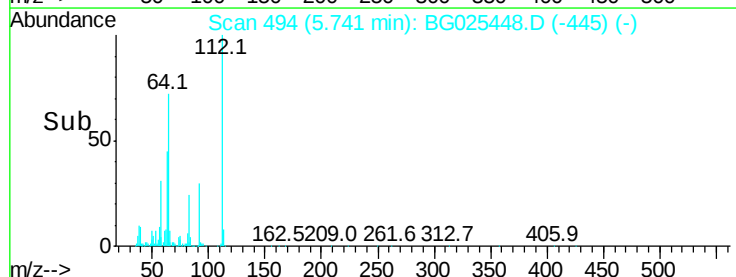
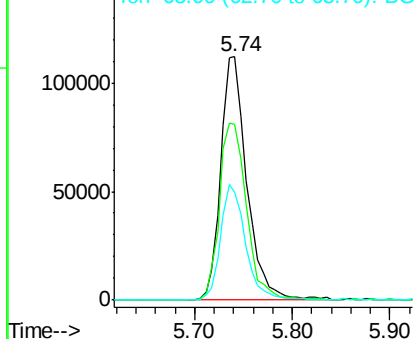
#5

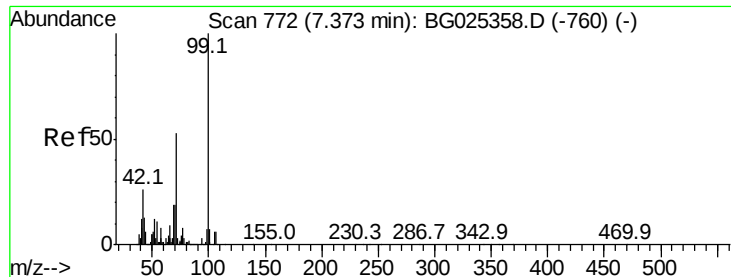
2-Fluorophenol
Concen: 68.47 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025448.D
Acq: 10 Jan 2017 2:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	61.8	92.6
63	44.5	37.2	55.8



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: 41.60 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

W-20

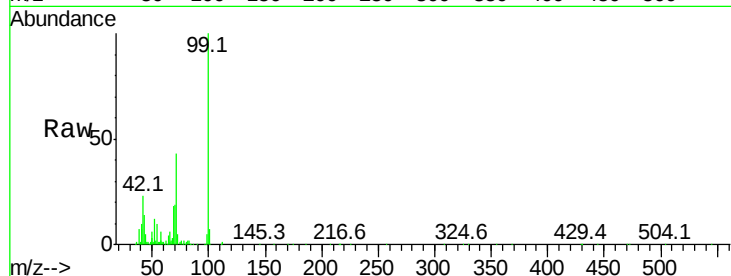
Tot Ion: 99 Resp: 178581

Ion Ratio Lower Upper

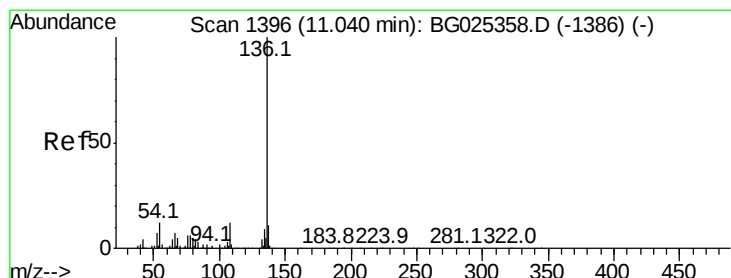
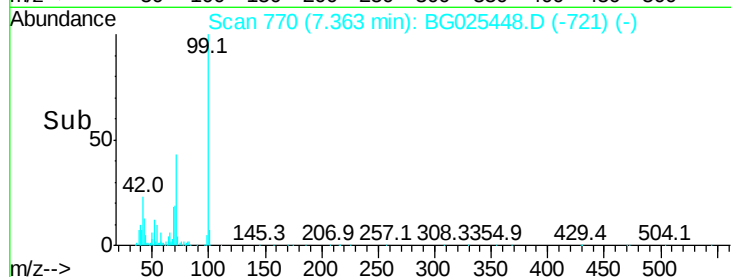
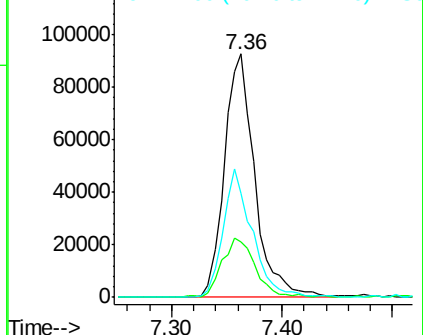
99 100

42 22.9 20.5 30.7

71 42.7 37.6 56.4



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: 11.02 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Tgt Ion: 136 Resp: 225076

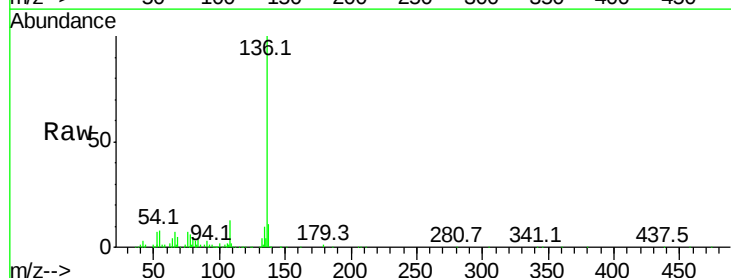
Ion Ratio Lower Upper

136 100

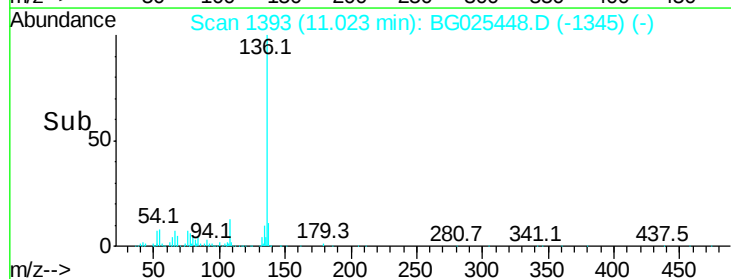
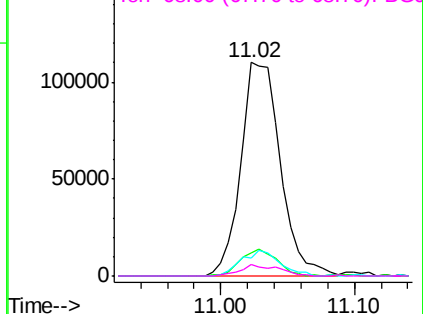
137 10.8 8.9 13.3

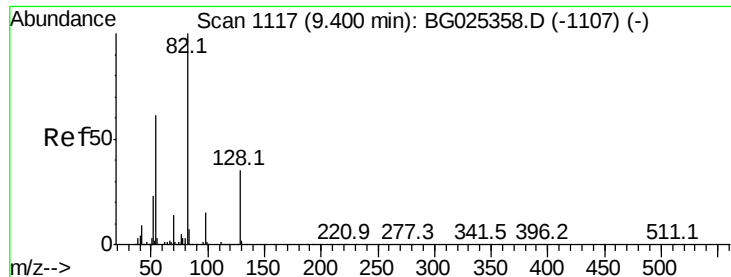
54 8.3 9.3 13.9#

68 5.4 5.1 7.7



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

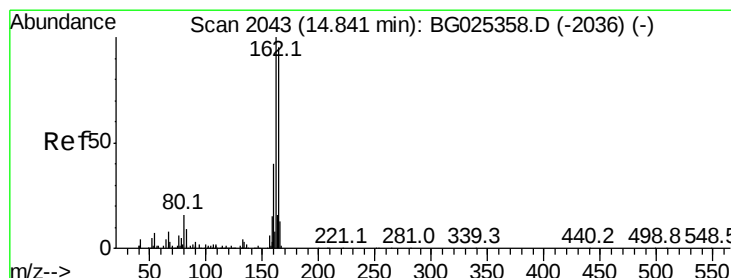
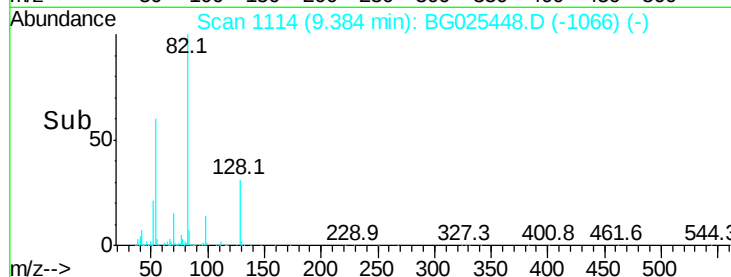
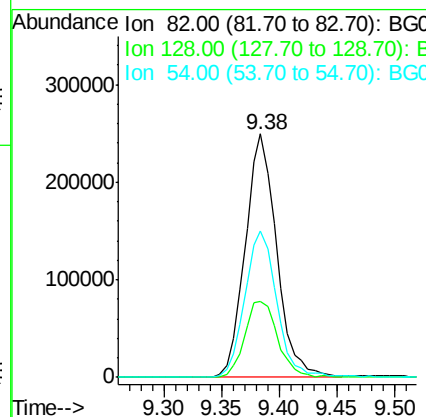
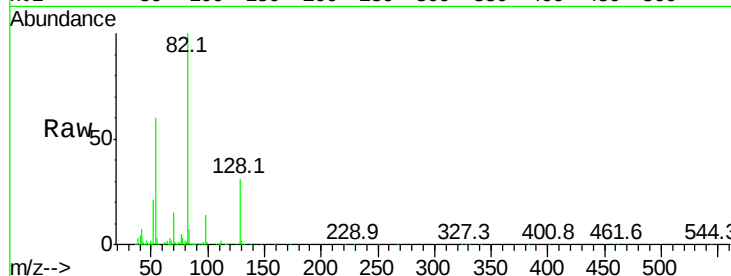




#23
 Nitrobenzene-d5
 Concen: 92.56 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BG025448.D
 Acq: 10 Jan 2017 2:39

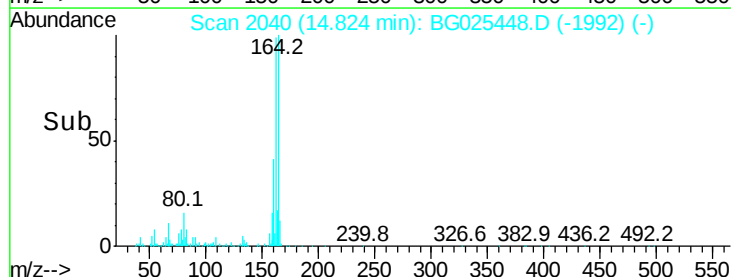
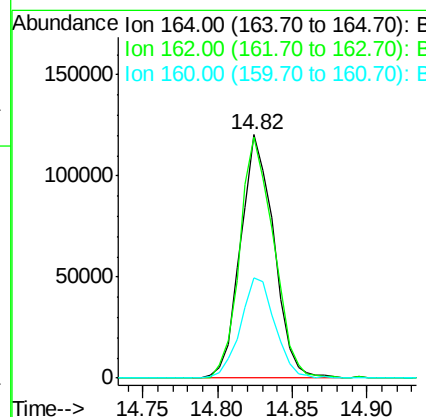
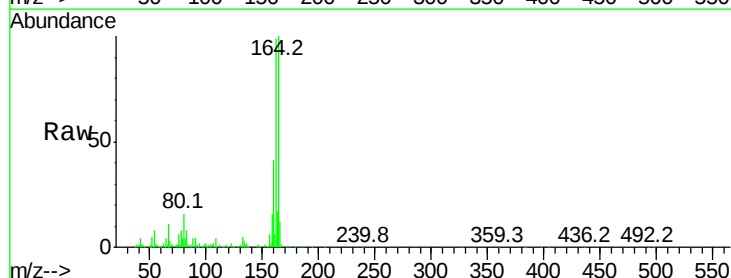
Instrument :
 BNA_G
 ClientSampleId :
 W-20

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.0	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BG025448.D
 Acq: 10 Jan 2017 2:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	85.1	127.7
160	41.2	34.7	52.1

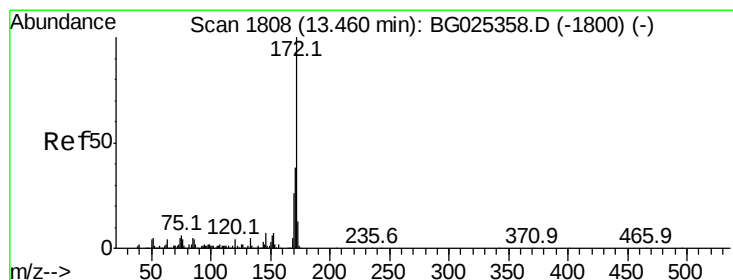
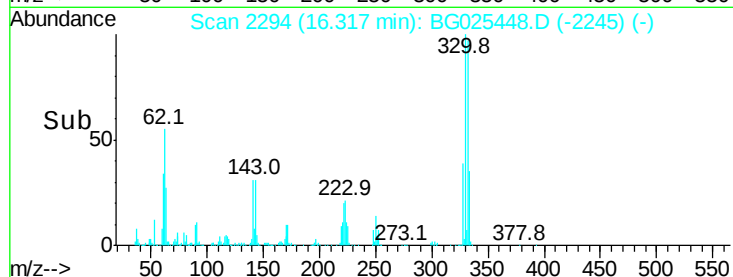
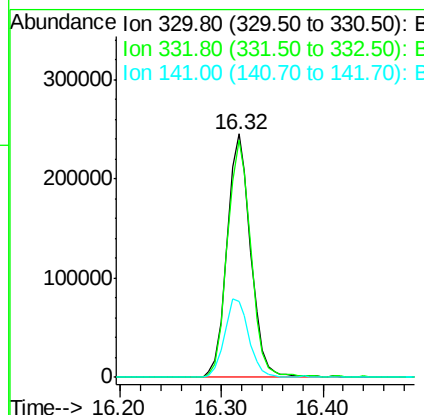
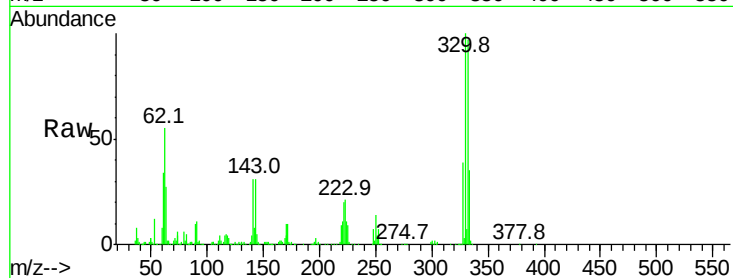




#41
 2,4,6-Tribromophenol
 Concen: 131.93 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025448.D
 Acq: 10 Jan 2017 2:39

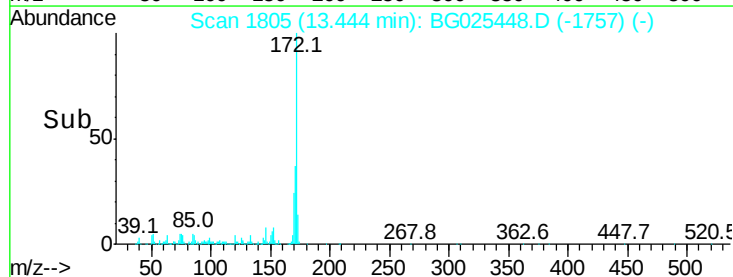
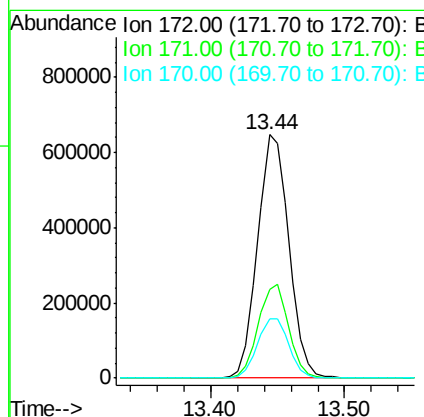
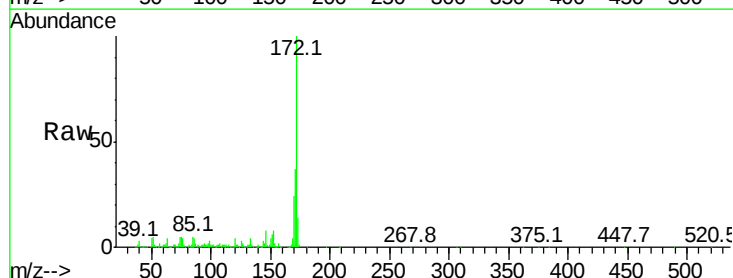
Instrument :
 BNA_G
 ClientSampleId :
 W-20

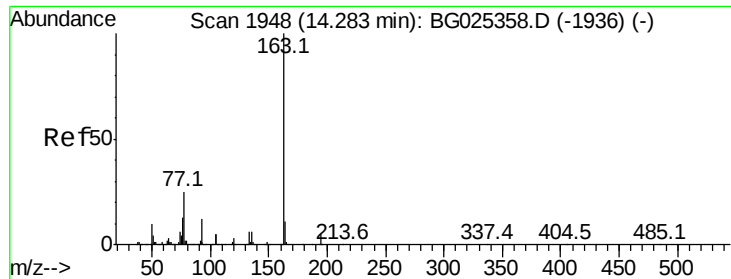
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 90.67 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.02 min
 Lab File: BG025448.D
 Acq: 10 Jan 2017 2:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.2	21.8	32.6





#49

Dimethylphthalate

Concen: 5.04 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampled :

W-20

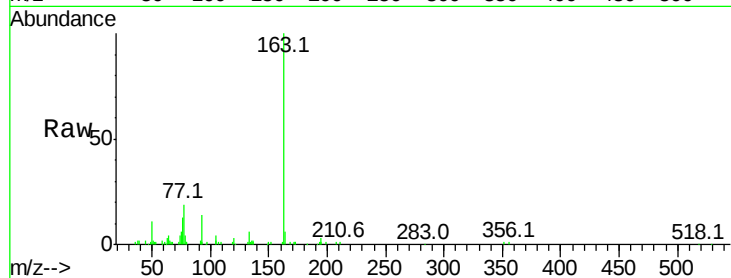
Tot Ion:163 Resp: 68673

Ion Ratio Lower Upper

163 100

194 2.8 3.8 5.6#

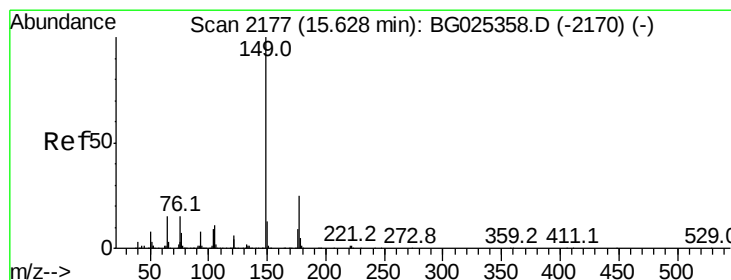
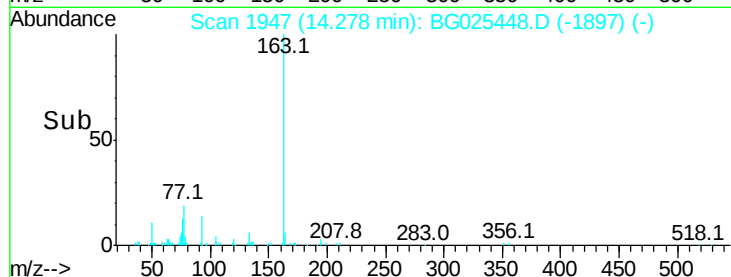
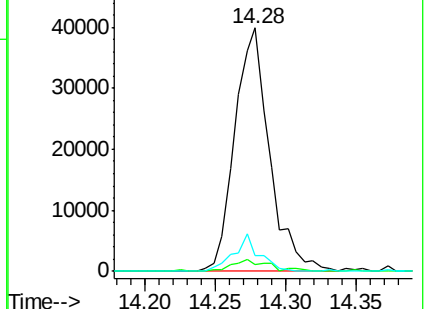
164 6.4 9.3 13.9#



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



#59

Diethylphthalate

Concen: 2.34 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

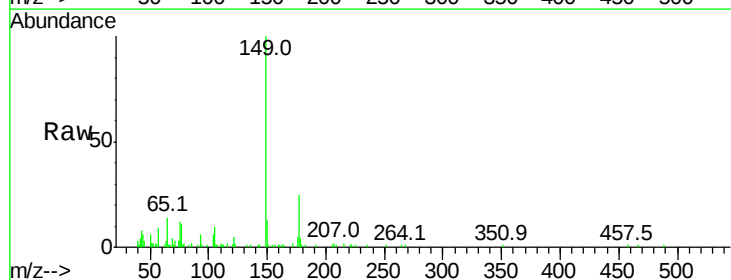
Tgt Ion:149 Resp: 33458

Ion Ratio Lower Upper

149 100

177 25.5 20.1 30.1

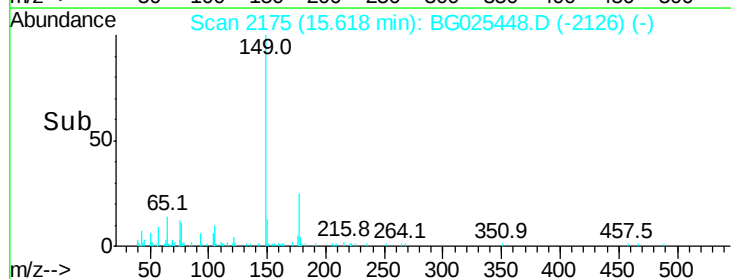
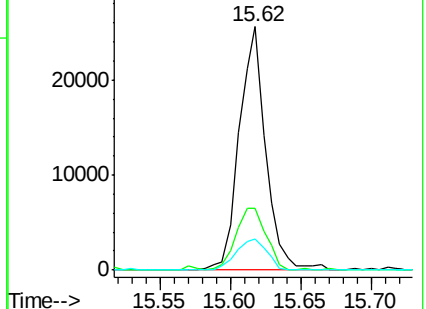
150 12.8 10.2 15.2

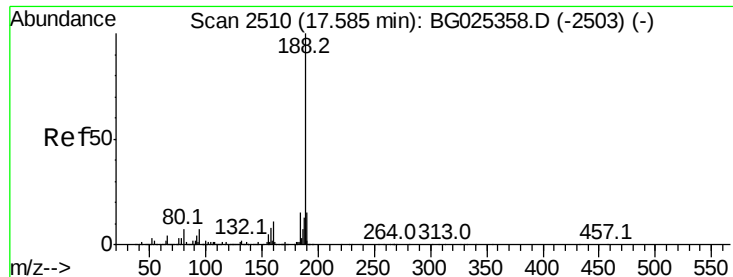


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

W-20

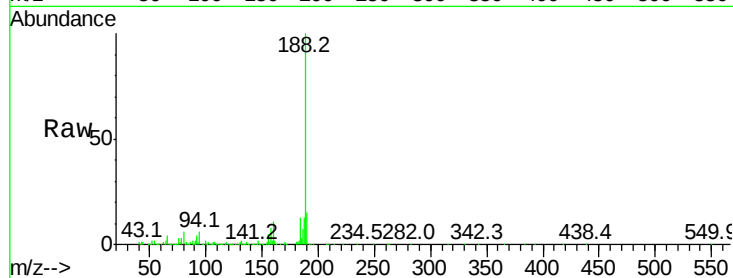
Tot Ion:188 Resp: 412749

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

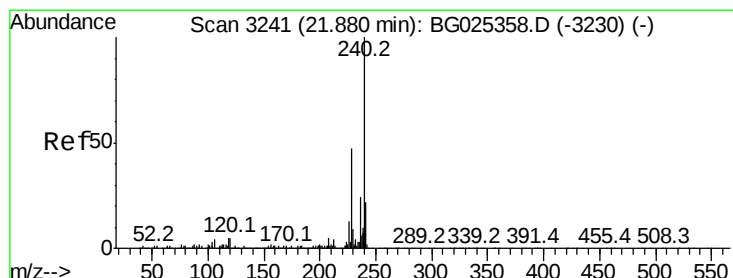
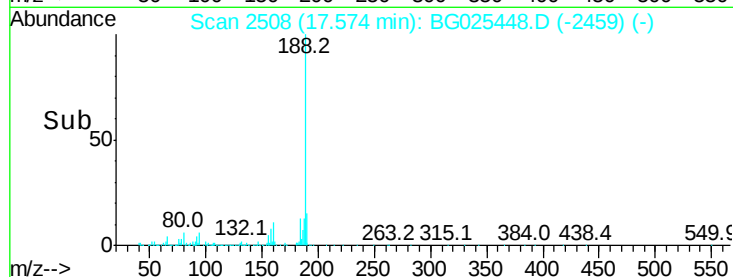
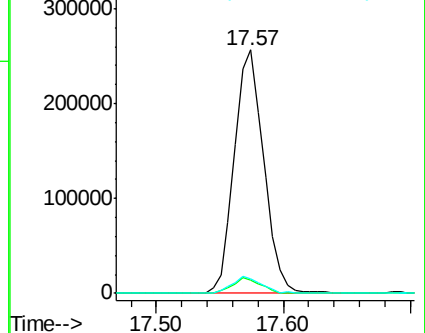
80 6.2 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

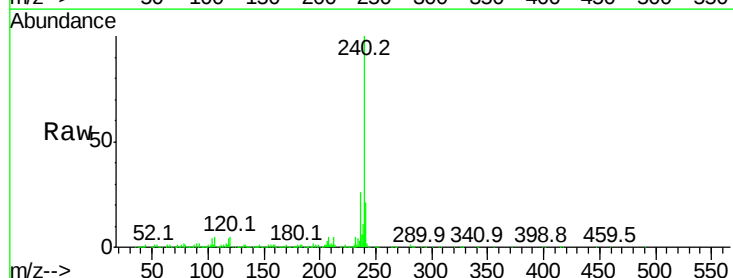
Tgt Ion:240 Resp: 605479

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

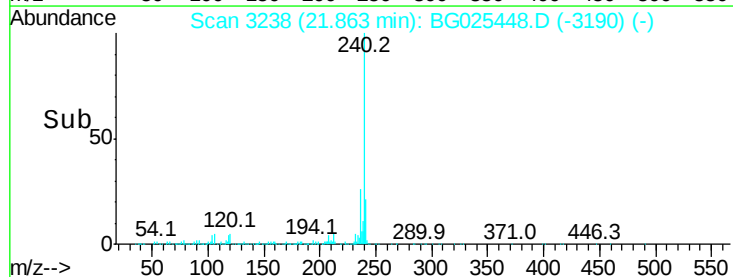
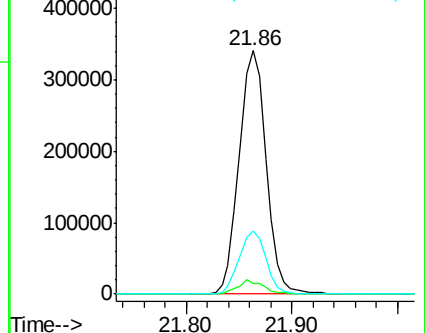
236 25.8 22.2 33.4

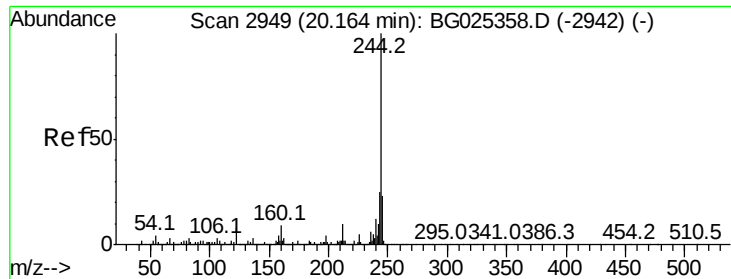


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.76 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

Instrument :

BNA_G

ClientSampleId :

W-20

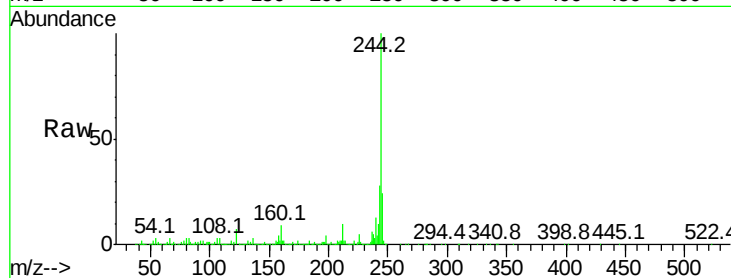
Tot Ion:244 Resp: 2026962

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

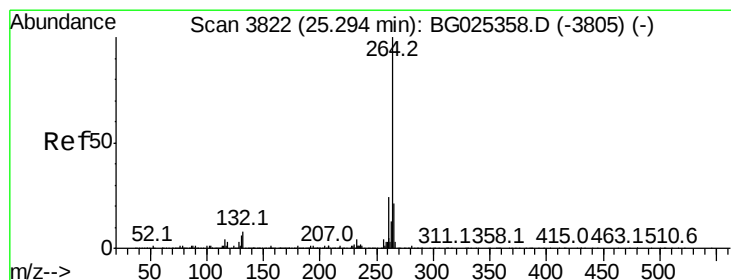
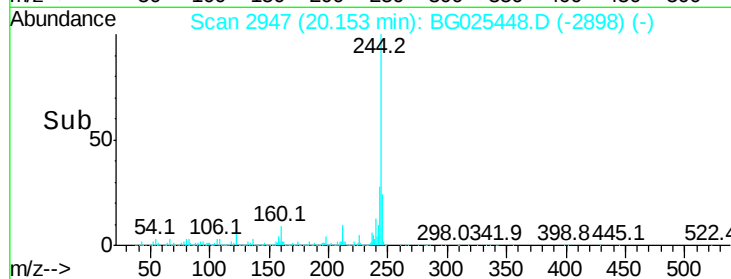
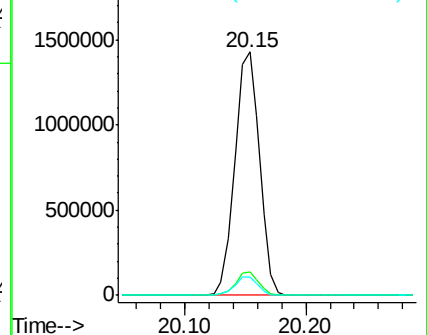
122 7.4 8.6 12.8#



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: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG025448.D

Acq: 10 Jan 2017 2:39

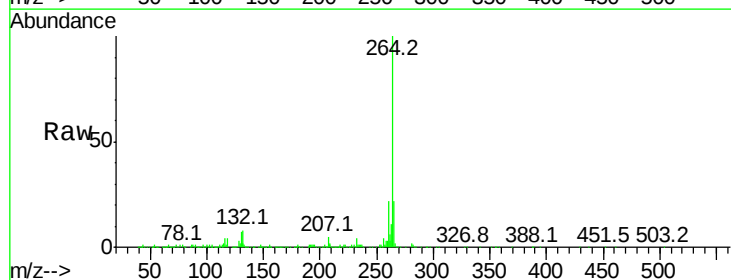
Tgt Ion:264 Resp: 657238

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 22.5 18.2 27.4



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

