

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096262.D
 Acq On : 28 Jun 2017 21:09
 Operator : SJ/MA
 Sample : I3852-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-38-0-1.5

Quant Time: Jun 29 05:02:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

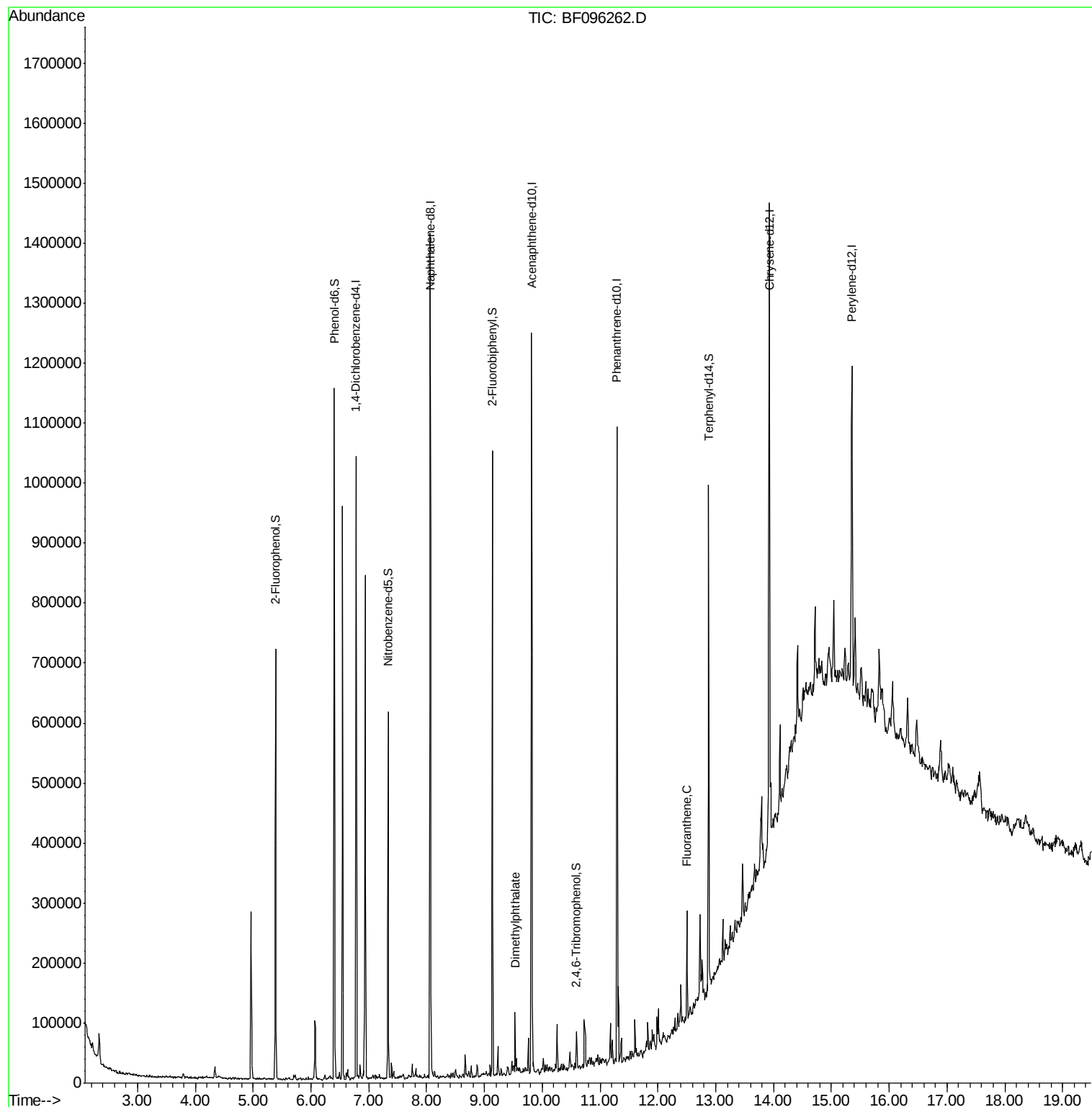
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	141916	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	552336	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	214650	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354543	20.00	ng	0.00
75) Chrysene-d12	13.93	240	346743	20.00	ng	0.01
86) Perylene-d12	15.36	264	251528	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	171658	17.43	ng	0.00
7) Phenol-d6	6.40	99	309973	25.99	ng	0.01
23) Nitrobenzene-d5	7.33	82	163364	20.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	5533	3.28	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	287760	24.55	ng	-0.01
78) Terphenyl-d14	12.87	244	247327	17.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	31869	2.07	ng	Qvalue 100
74) Fluoranthene	12.50	202	61921	3.14	ng	95

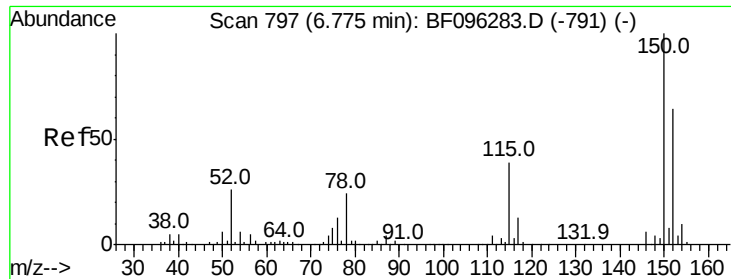
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

Instrument :

BNA_F

ClientSampleId :

G-38-0-1.5

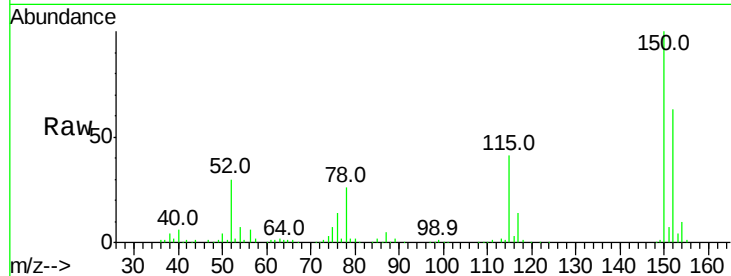
Tot Ion:152 Resp: 141916

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

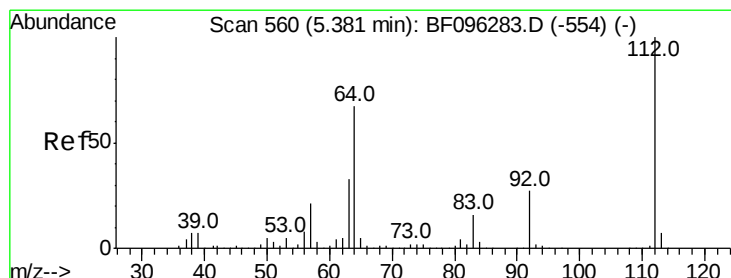
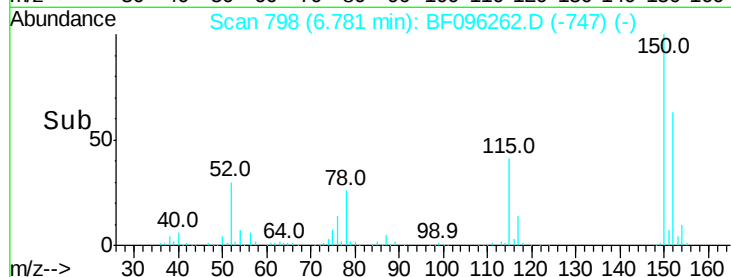
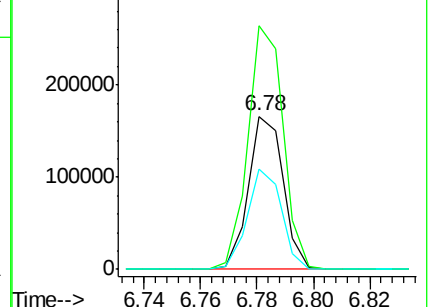
115 65.6 52.2 78.2



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: 17.43 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

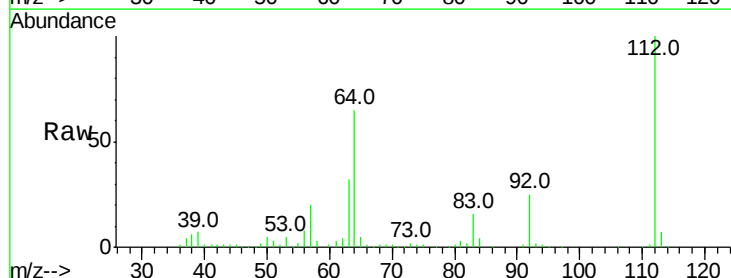
Tgt Ion:112 Resp: 171658

Ion Ratio Lower Upper

112 100

64 64.9 46.0 69.0

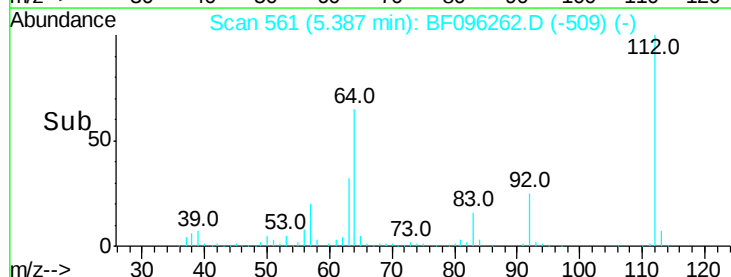
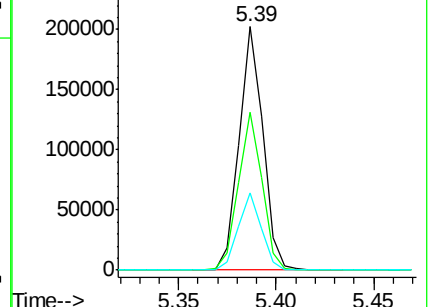
63 31.6 23.4 35.0

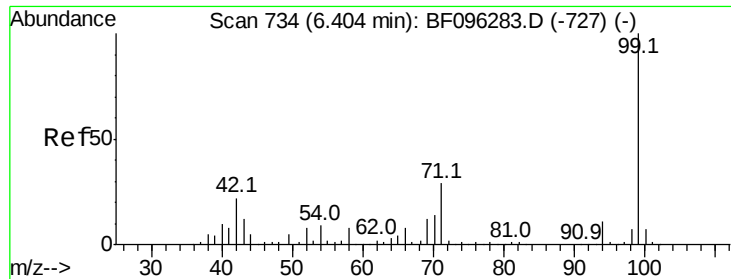


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.99 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

Instrument :

BNA_F

ClientSampled :

G-38-0-1.5

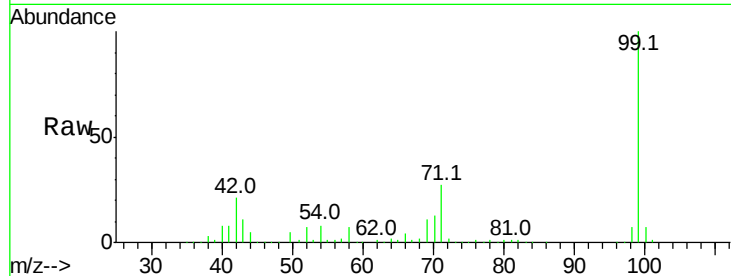
Tot Ion: 99 Resp: 309973

Ion Ratio Lower Upper

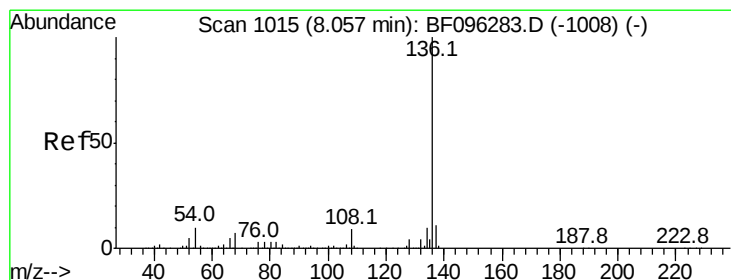
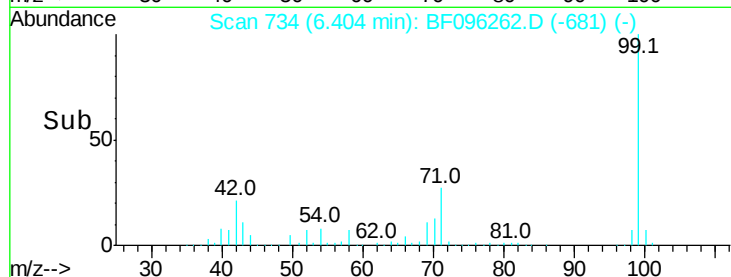
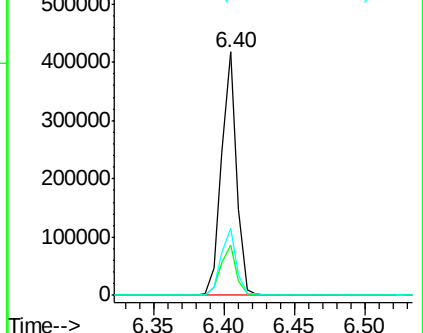
99 100

42 20.7 13.5 20.3#

71 27.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

Tgt Ion: 136 Resp: 552336

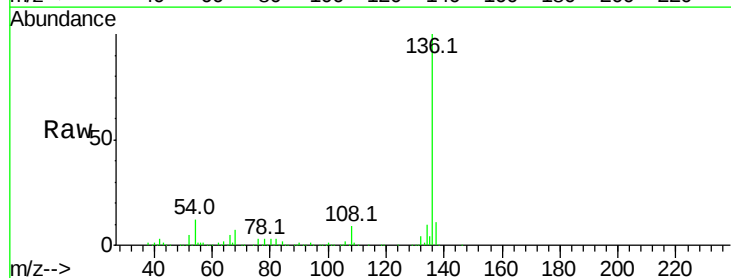
Ion Ratio Lower Upper

136 100

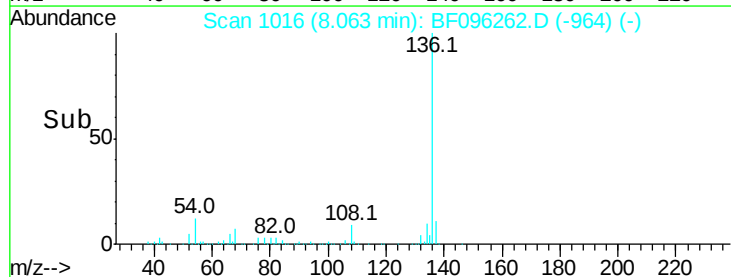
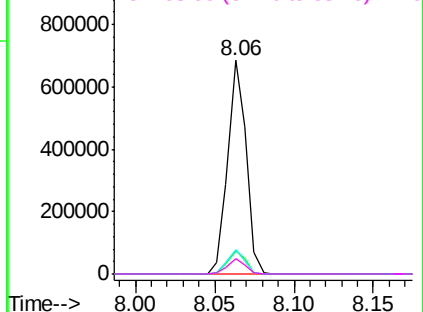
137 11.0 8.5 12.7

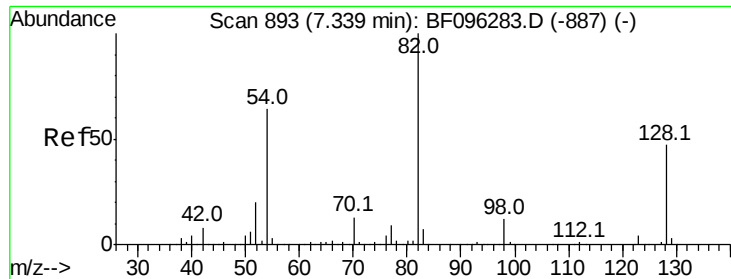
54 11.6 4.9 7.3#

68 7.0 4.1 6.1#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

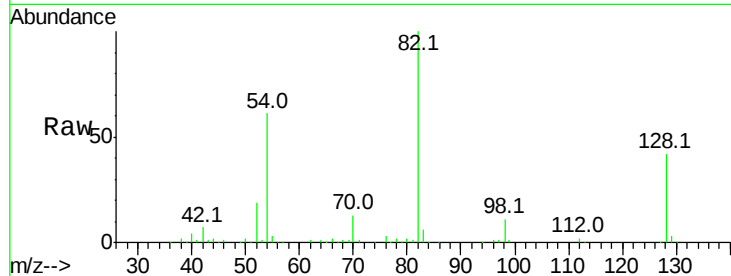




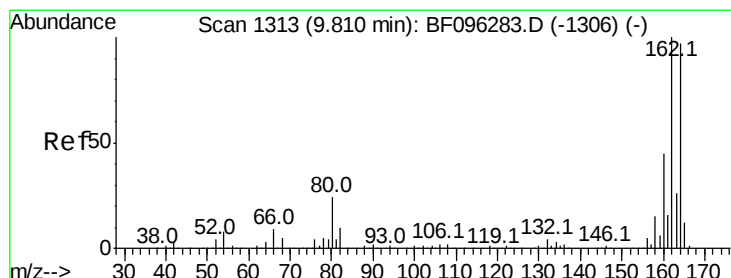
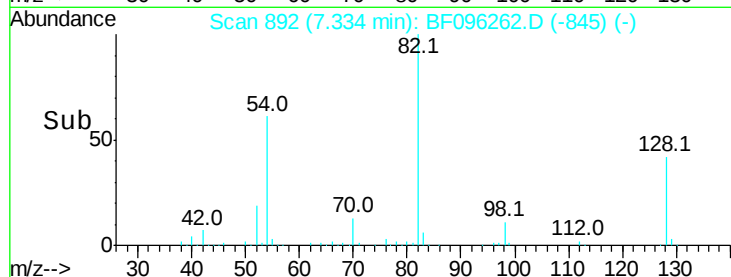
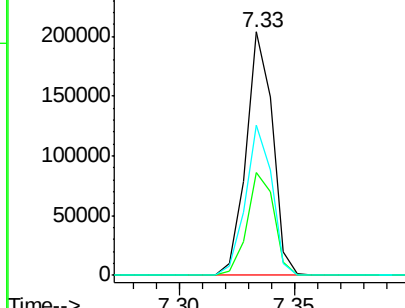
#23
Nitrobenzene-d5
Concen: 20.47 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096262.D
Acq: 28 Jun 2017 21:09

Instrument :
BNA_F
ClientSampleId :
G-38-0-1.5

Tot Ion: 82 Resp: 163364
Ion Ratio Lower Upper
82 100
128 42.2 34.0 51.0
54 61.5 42.2 63.2

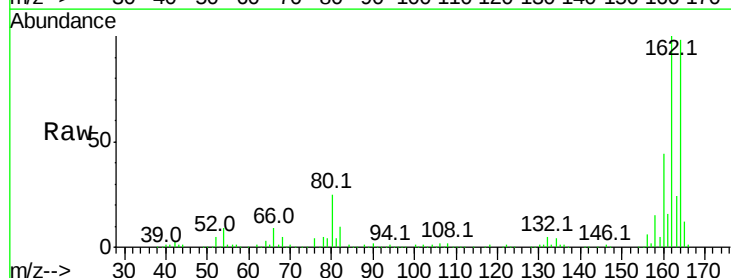


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

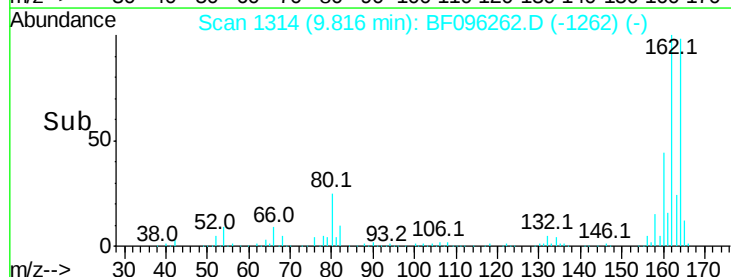
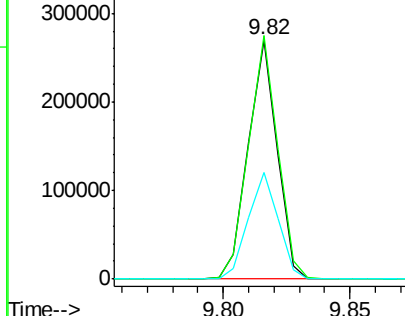


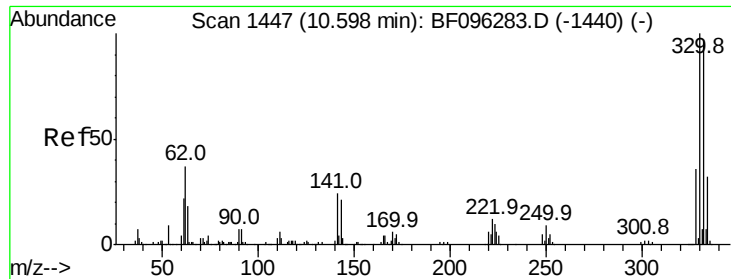
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096262.D
Acq: 28 Jun 2017 21:09

Tgt Ion:164 Resp: 214650
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.7 36.2 54.2



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

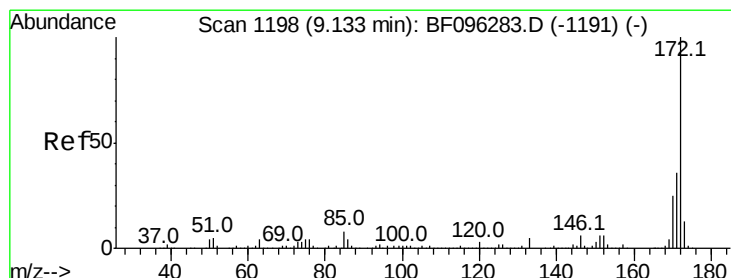
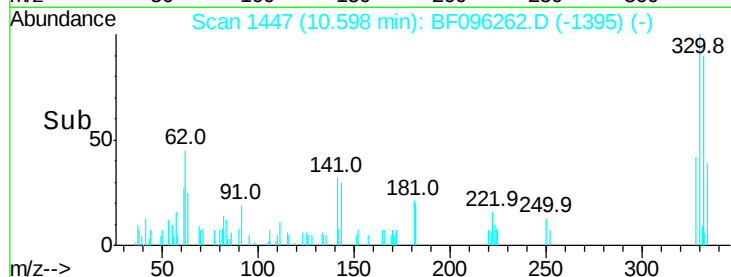
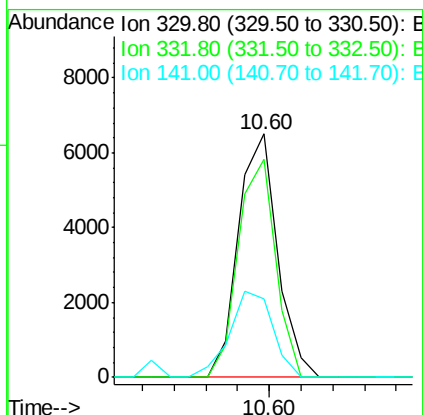
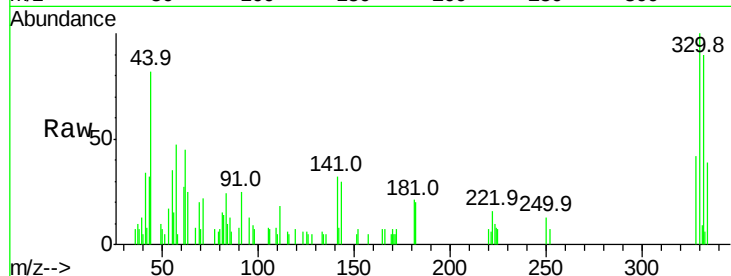




#41
 2,4,6-Tribromophenol
 Concen: 3.28 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096262.D
 Acq: 28 Jun 2017 21:09

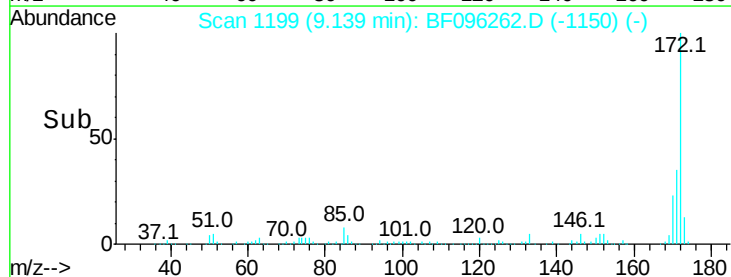
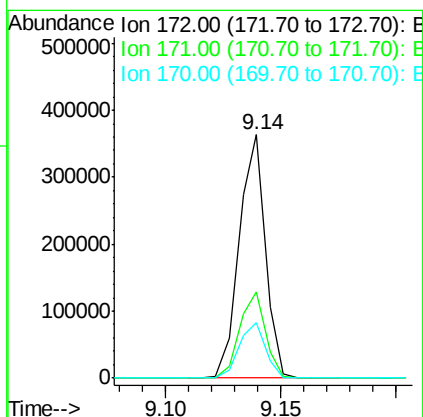
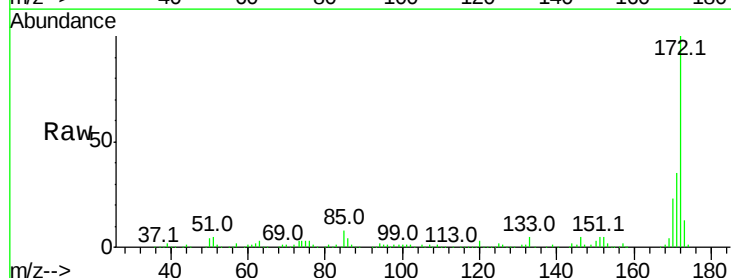
Instrument :
 BNA_F
 ClientSampleId :
 G-38-0-1.5

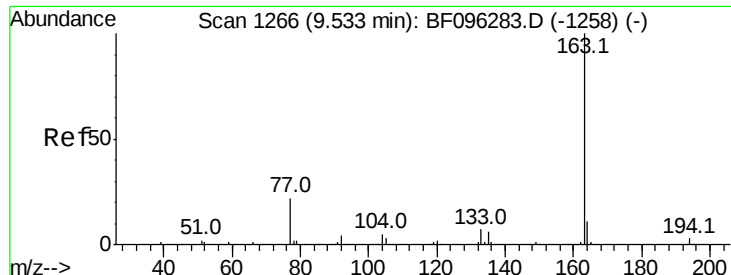
Tot Ion:330 Resp: 5533
 Ion Ratio Lower Upper
 330 100
 332 85.5 76.6 115.0
 141 39.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 24.55 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096262.D
 Acq: 28 Jun 2017 21:09

Tgt Ion:172 Resp: 287760
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.0 19.8 29.8

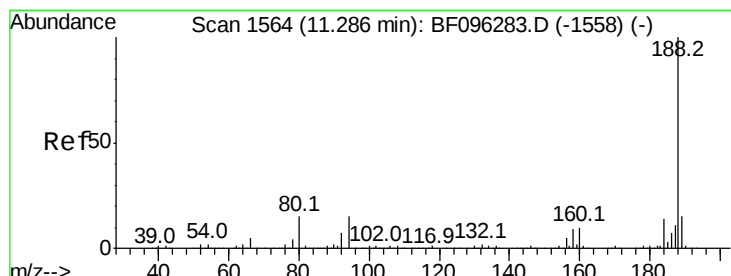
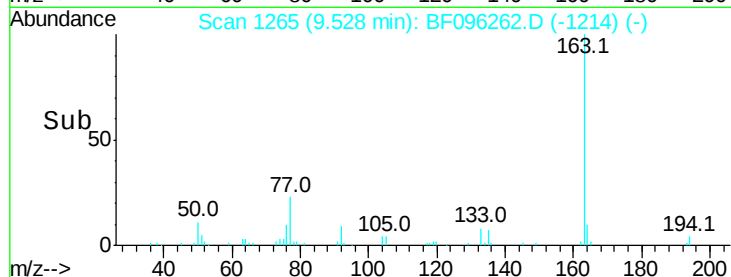
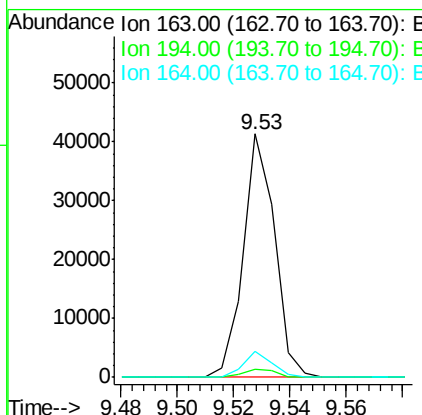
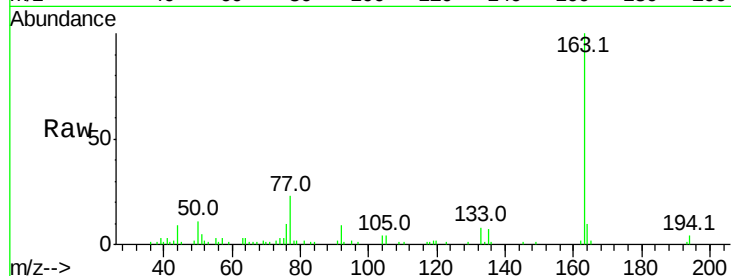




#49
Dimethylphthalate
Concen: 2.07 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096262.D
Acq: 28 Jun 2017 21:09

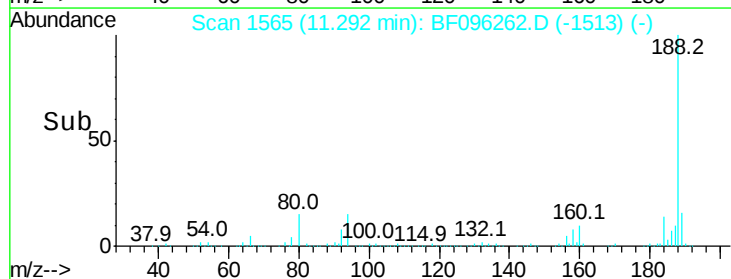
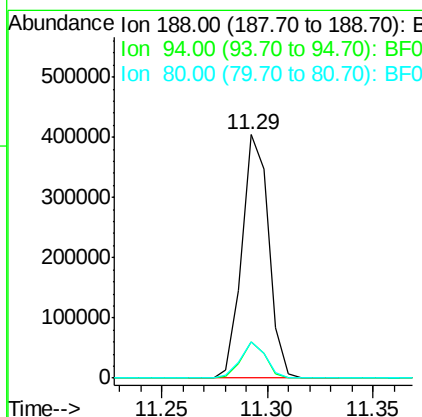
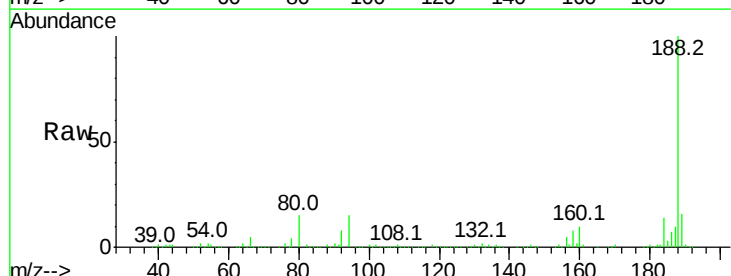
Instrument :
BNA_F
ClientSampleId :
G-38-0-1.5

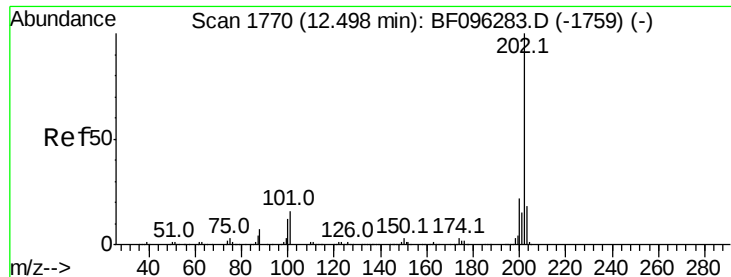
Tot Ion:163 Resp: 31869
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096262.D
Acq: 28 Jun 2017 21:09

Tgt Ion:188 Resp: 354543
Ion Ratio Lower Upper
188 100
94 15.1 9.4 14.2#
80 15.0 10.2 15.2





#74

Fluoranthene

Concen: 3.14 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

Instrument :

BNA_F

ClientSampleId :

G-38-0-1.5

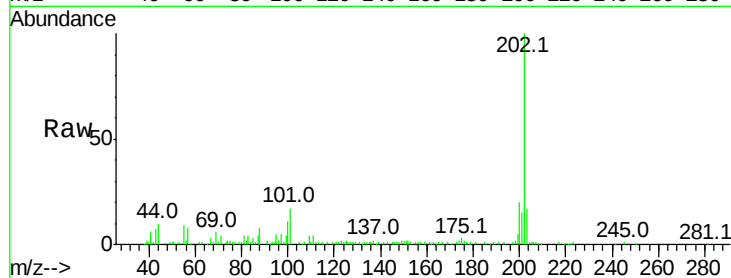
Tot Ion:202 Resp: 61921

Ion Ratio Lower Upper

202 100

101 16.7 0.0 33.2

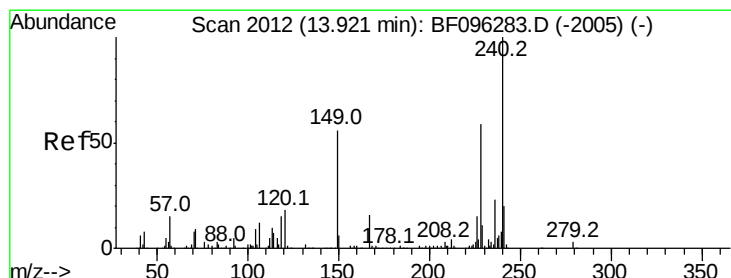
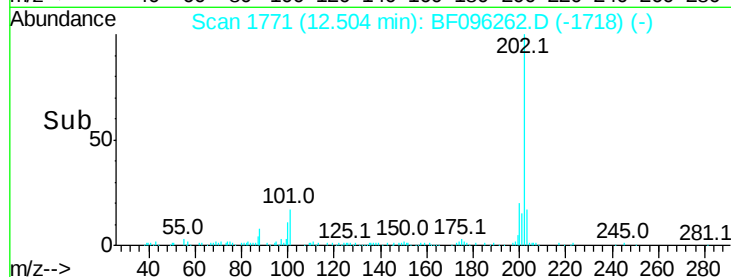
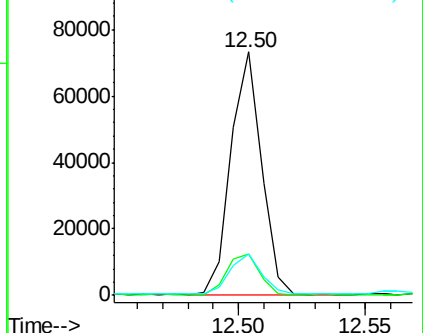
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

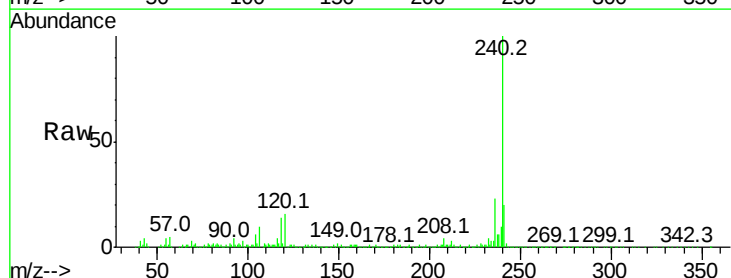
Tgt Ion:240 Resp: 346743

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

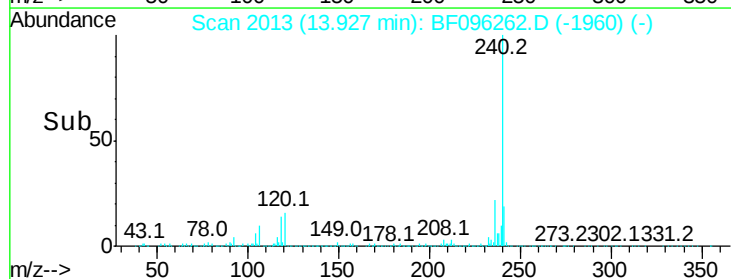
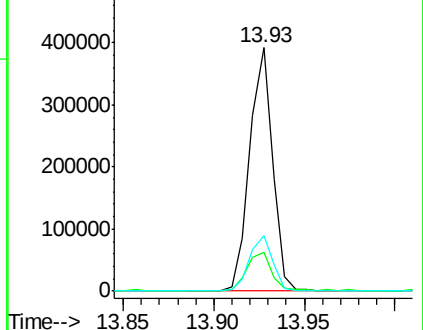
236 22.7 20.5 30.7

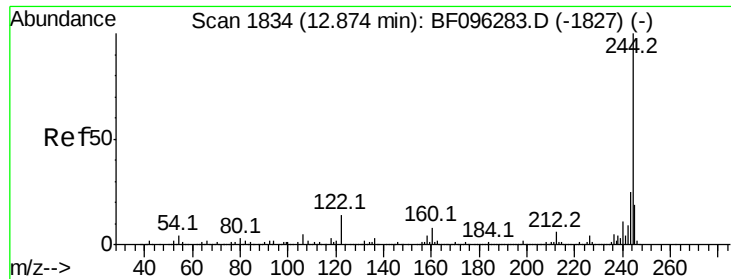


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 17.80 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

Instrument :

BNA_F

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G-38-0-1.5

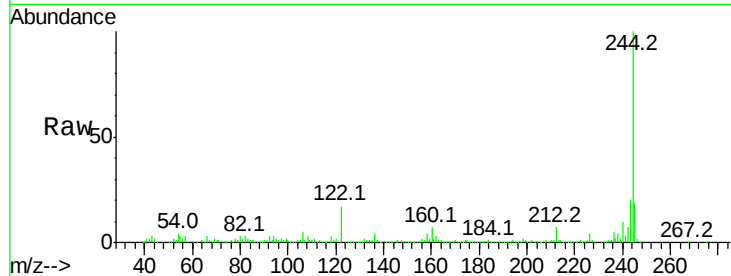
Tot Ion:244 Resp: 247327

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

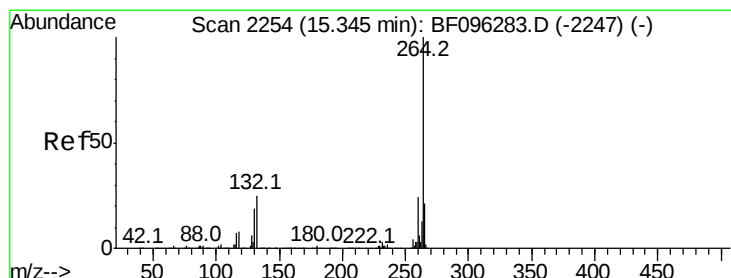
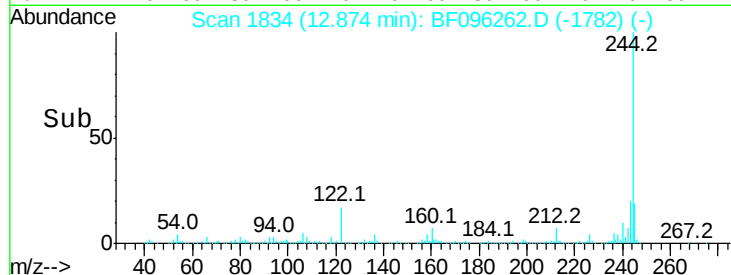
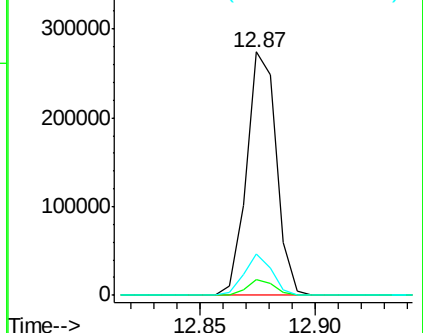
122 17.1 10.3 15.5#



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: 15.36 min Scan# 2256

Delta R.T. 0.02 min

Lab File: BF096262.D

Acq: 28 Jun 2017 21:09

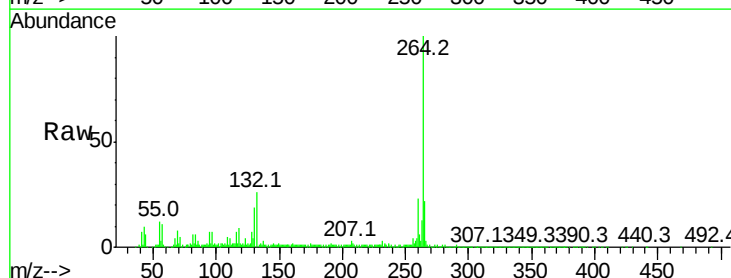
Tgt Ion:264 Resp: 251528

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

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

