

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020317\
 Data File : BF092786.D
 Acq On : 3 Feb 2017 20:16
 Operator : SJ/MA
 Sample : I1647-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Feb 03 23:29:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

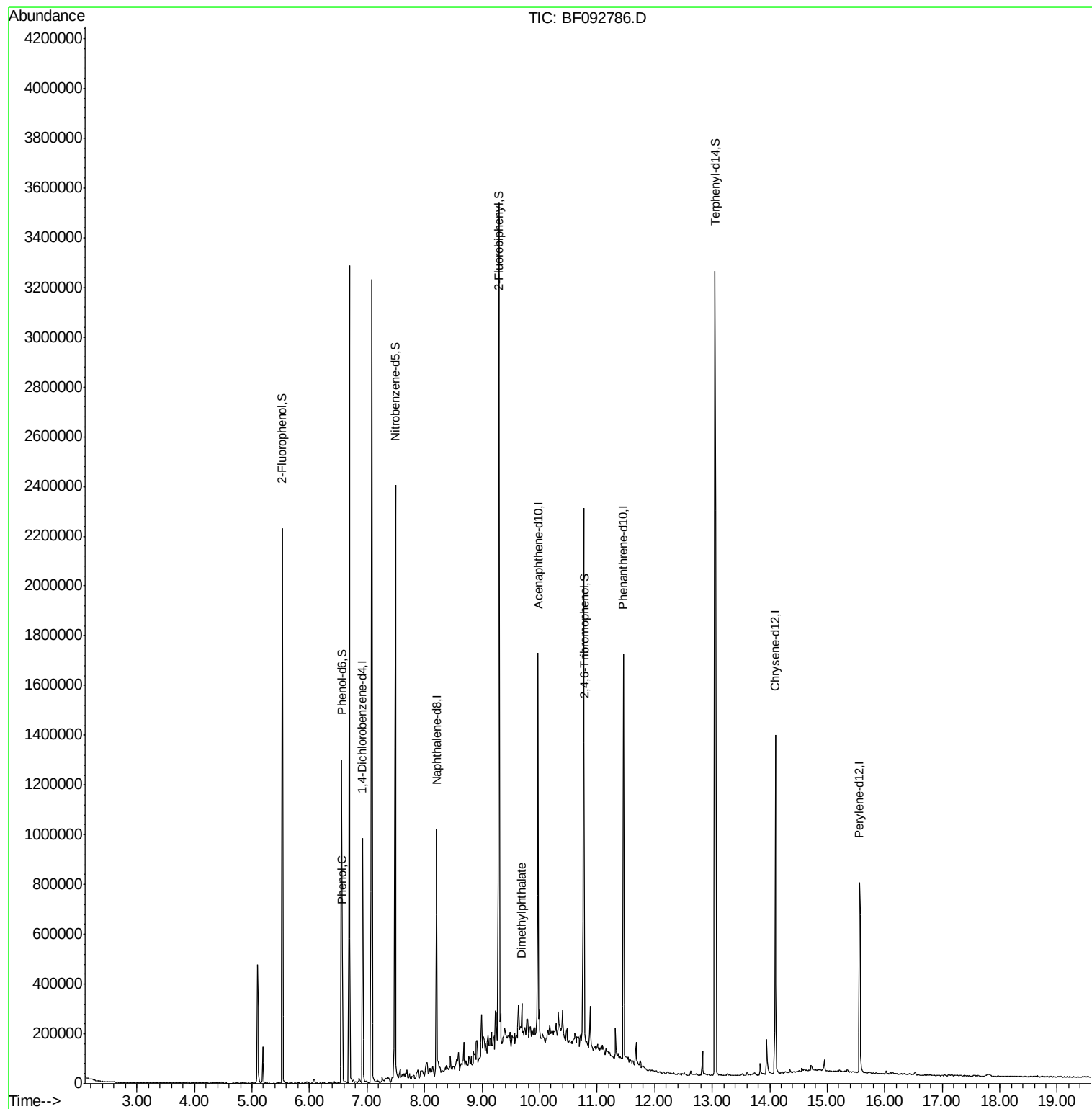
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135226	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	540000	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	360663	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	572941	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	473949	20.00	ng	-0.05
86) Perylene-d12	15.56	264	411542	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	568492	72.13	ng	-0.04
7) Phenol-d6	6.56	99	451545	44.52	ng	-0.05
23) Nitrobenzene-d5	7.49	82	906565	93.49	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	346607	132.87	ng	-0.03
44) 2-Fluorobiphenyl	9.29	172	1642562	82.51	ng	-0.05
78) Terphenyl-d14	13.05	244	1449571	71.86	ng	-0.03
Target Compounds						
10) Phenol	6.57	94	30095	2.54	ng	94
49) Dimethylphthalate	9.69	163	49204	2.03	ng	100

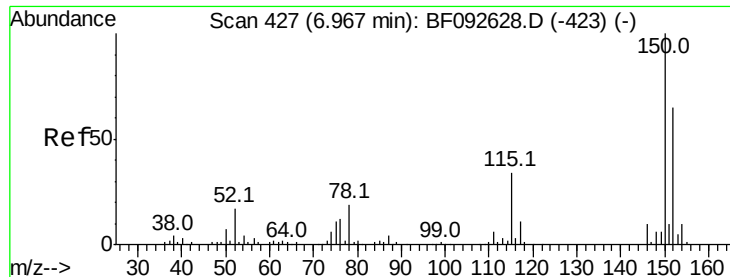
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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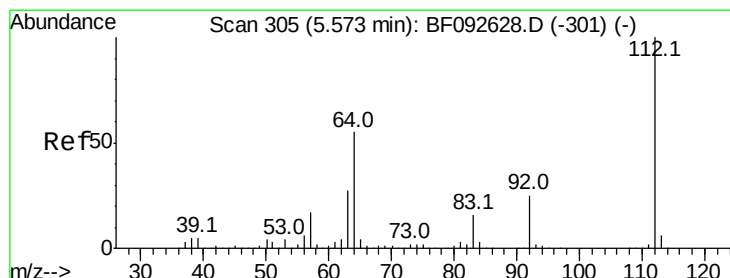
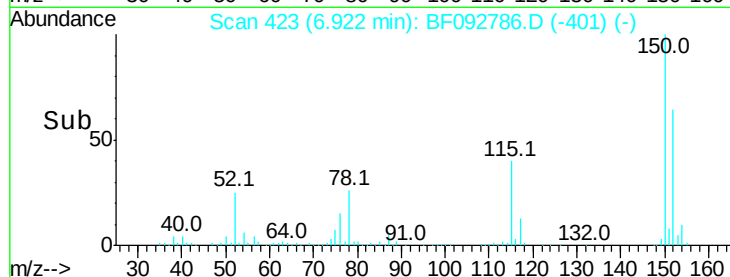
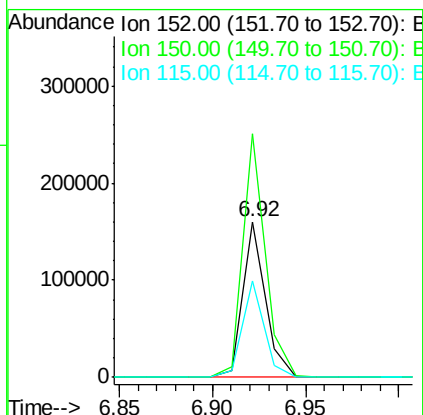
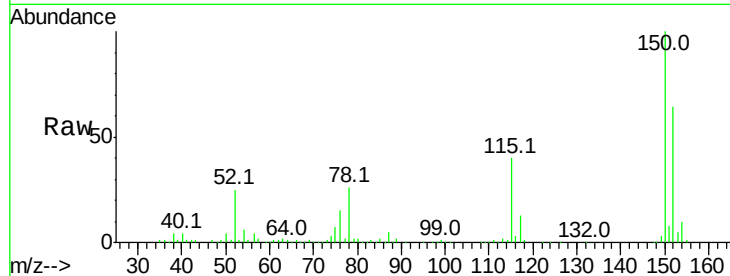


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Instrument :
BNA_F
ClientSampleId :
MW-20

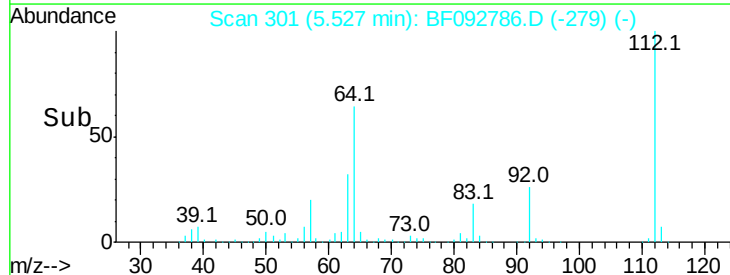
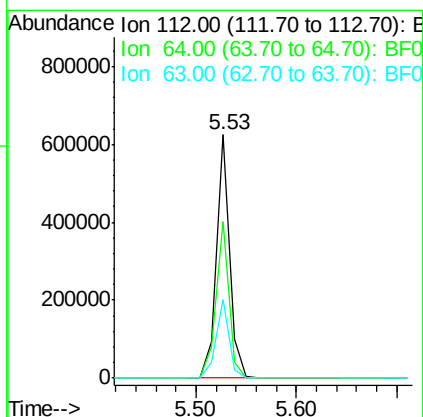
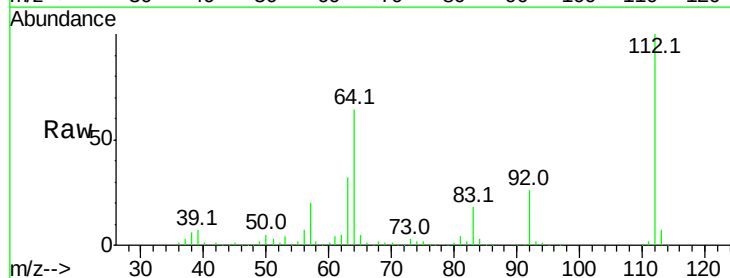
Tot Ion:152 Resp: 135226
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 62.2 46.0 69.0

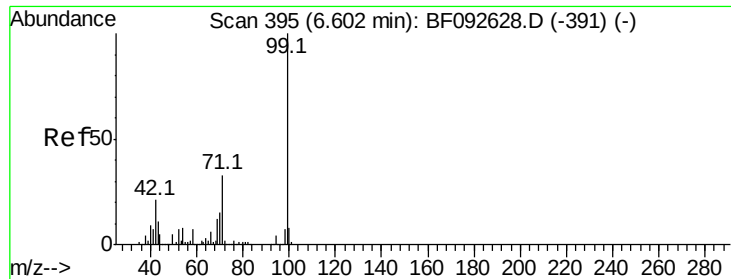


#5

2-Fluorophenol
Concen: 72.13 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Tgt Ion:112 Resp: 568492
Ion Ratio Lower Upper
112 100
64 64.3 46.1 69.1
63 32.3 23.8 35.6





#7

Phenol-d6

Concen: 44.52 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

BNA_F

ClientSampleId :

MW-20

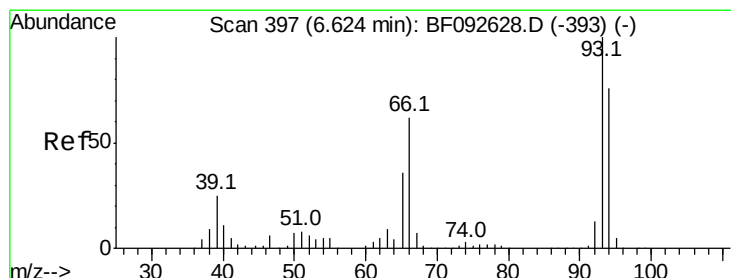
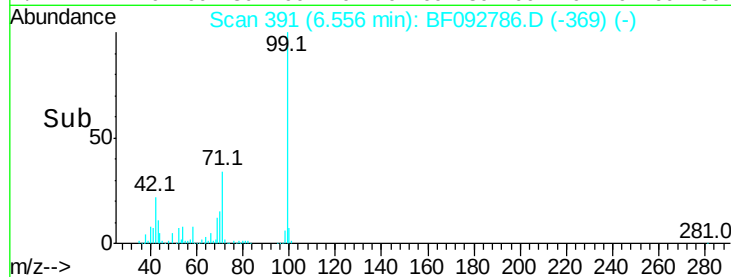
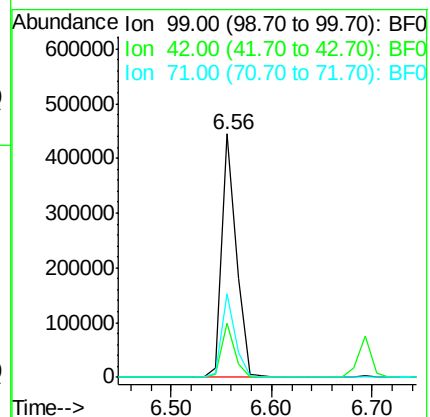
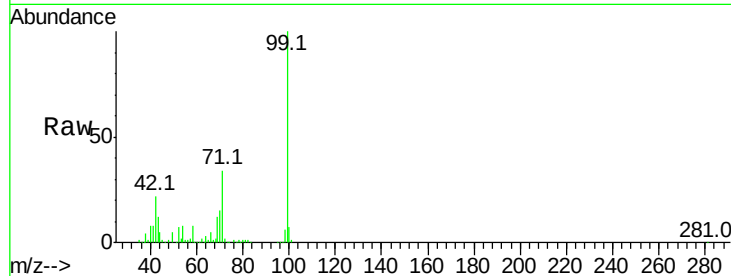
Tot Ion: 99 Resp: 451545

Ion Ratio Lower Upper

99 100

42 22.1 15.6 23.4

71 34.2 27.5 41.3



#10

Phenol

Concen: 2.54 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

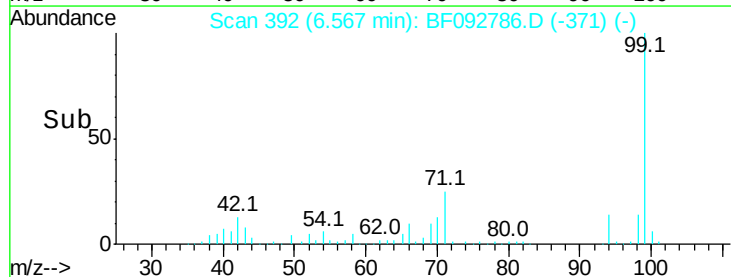
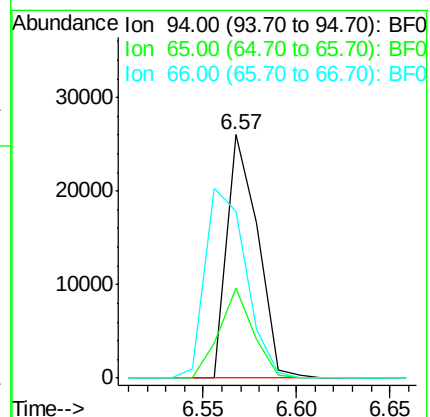
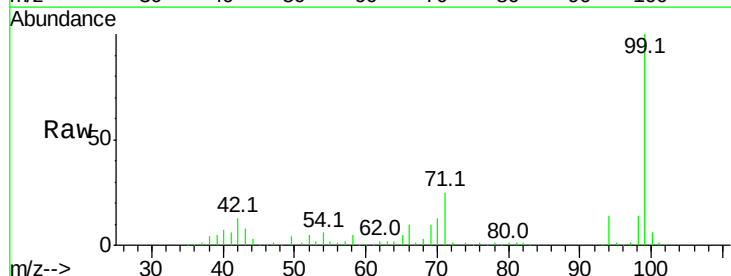
Tgt Ion: 94 Resp: 30095

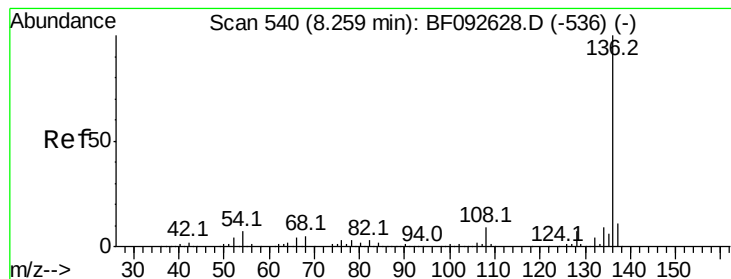
Ion Ratio Lower Upper

94 100

65 36.8 21.4 61.4

66 68.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

BNA_F

ClientSampleId :

MW-20

Tot Ion:136 Resp: 540000

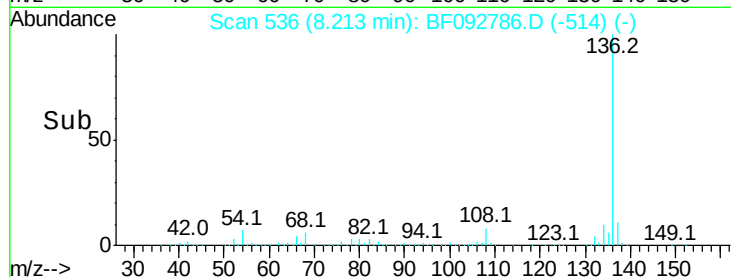
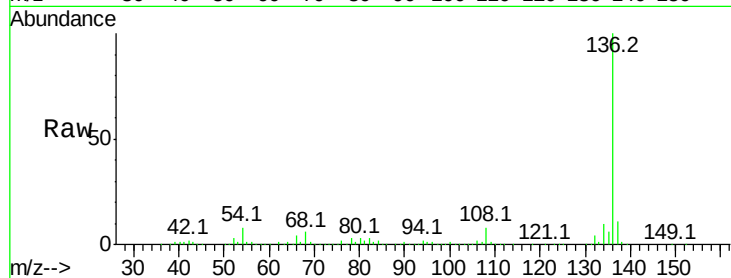
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.6 4.5 6.7#

68 5.7 3.6 5.4#

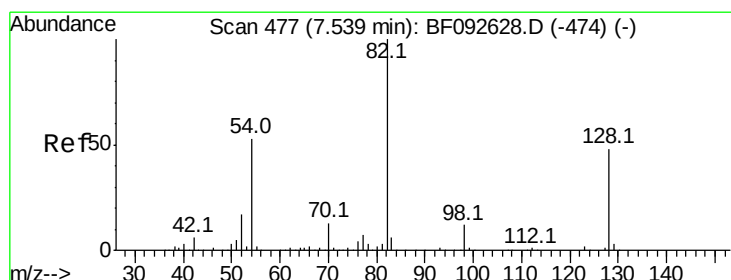
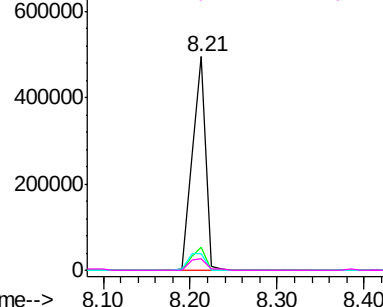


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.49 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

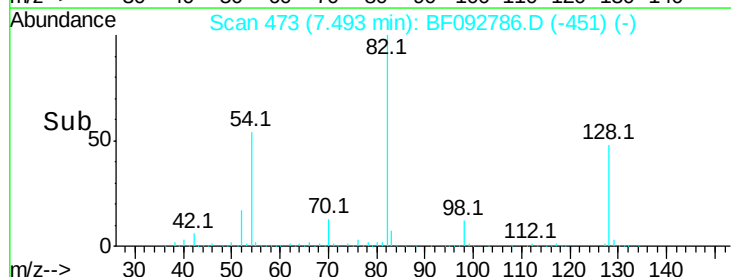
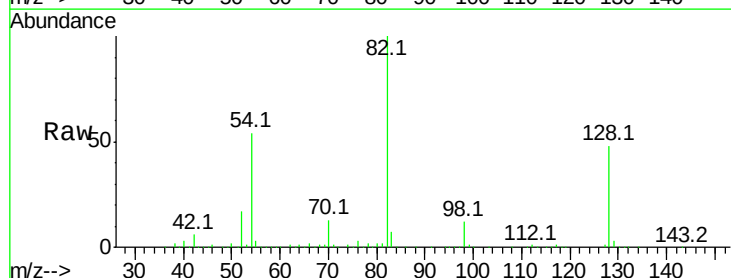
Tgt Ion: 82 Resp: 906565

Ion Ratio Lower Upper

82 100

128 47.6 34.6 52.0

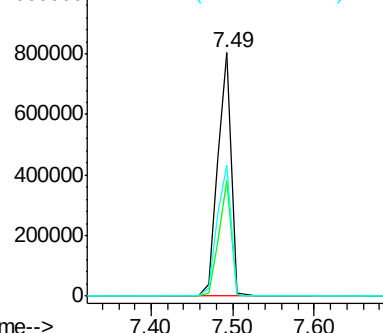
54 53.8 39.5 59.3

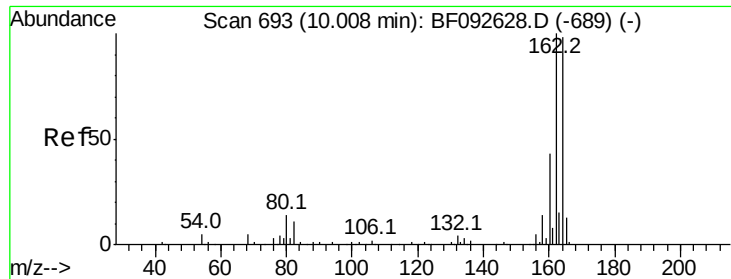


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

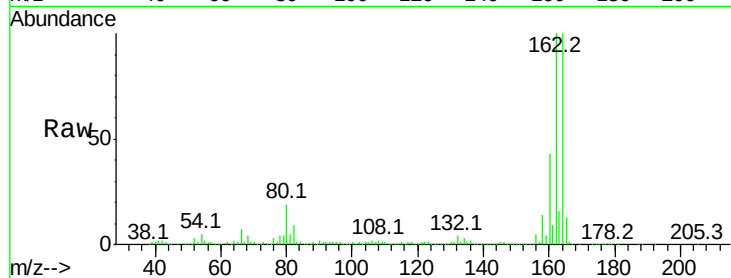




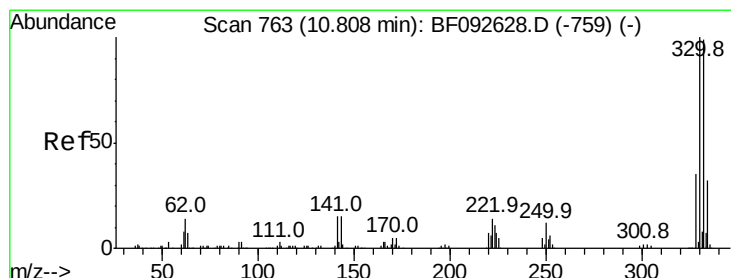
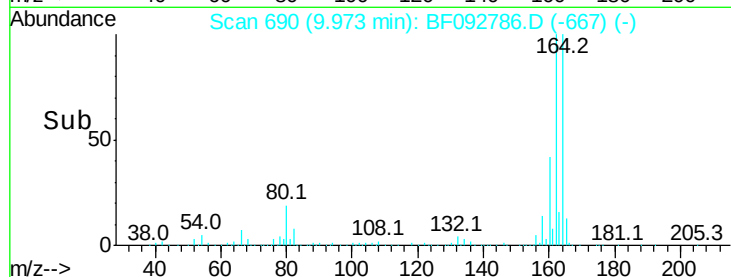
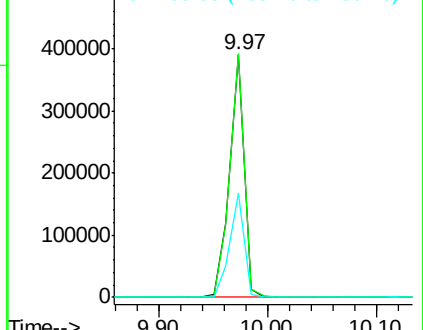
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Instrument :
BNA_F
ClientSampled :
MW-20

Tot Ion:164 Resp: 360663
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 42.9 36.9 55.3

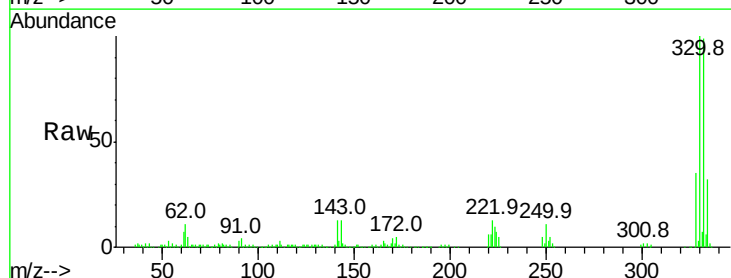


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

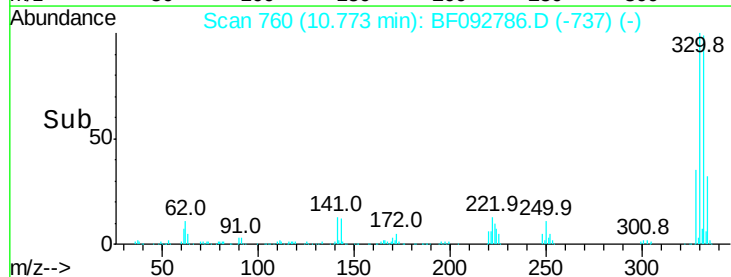
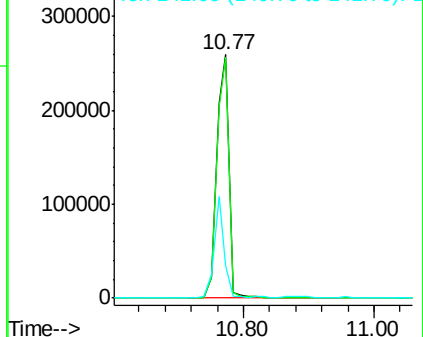


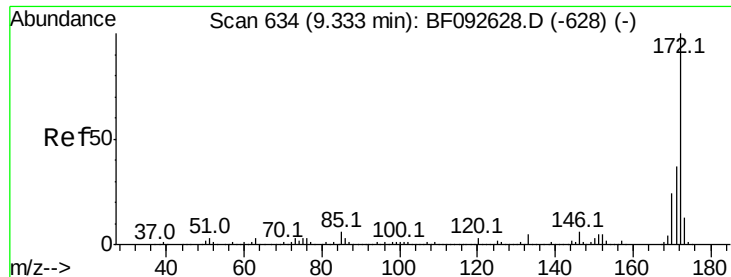
#41
2,4,6-Tribromophenol
Concen: 132.87 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Tgt Ion:330 Resp: 346607
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.2
141 34.2 34.1 51.1



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

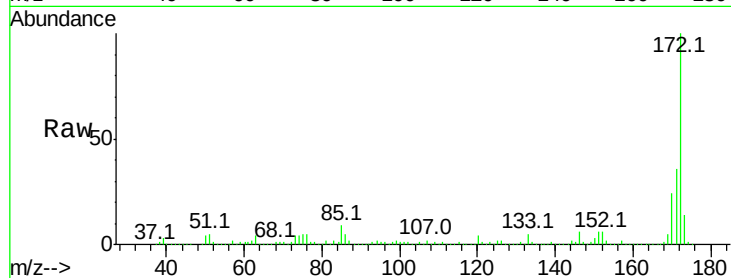




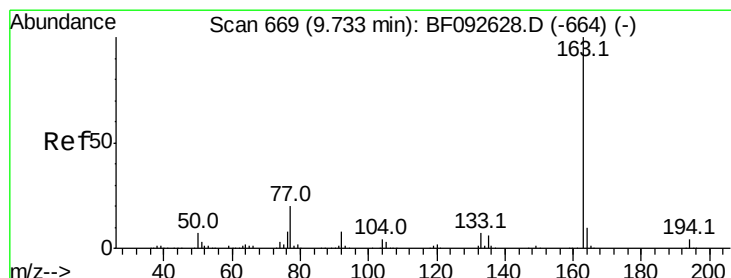
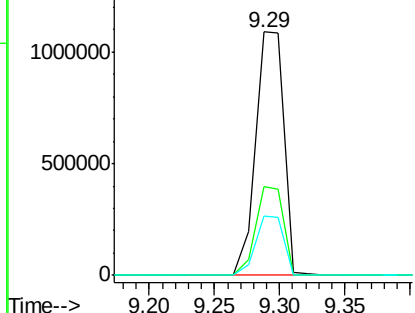
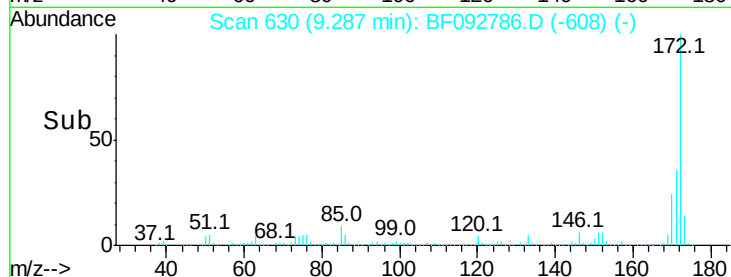
#44
2-Fluorobiphenyl
Concen: 82.51 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:172 Resp: 1642562
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.4 20.2 30.4

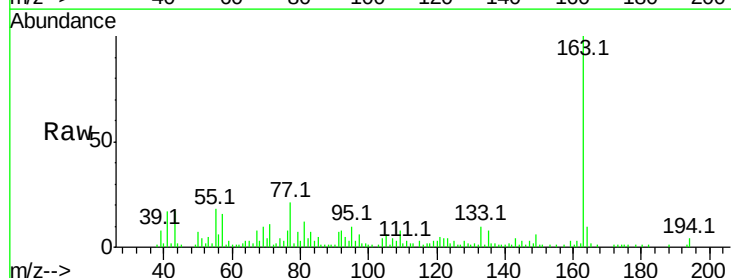


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

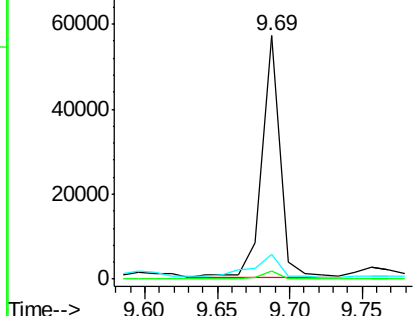
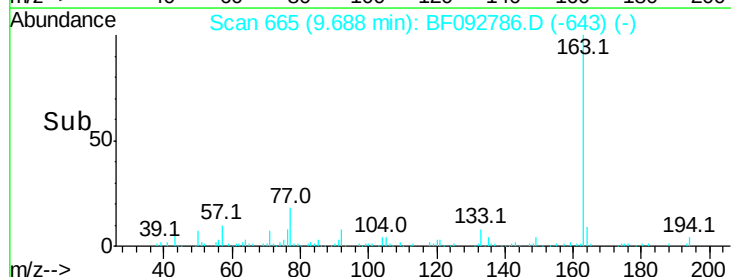


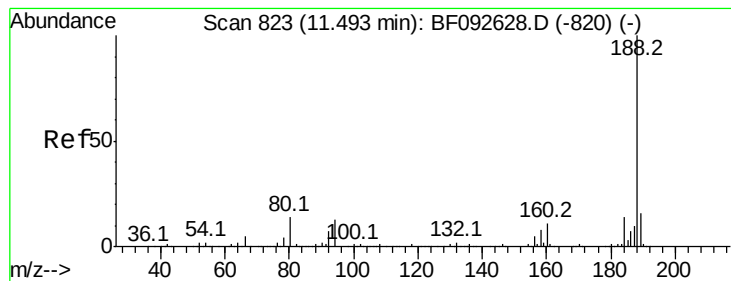
#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092786.D
Acq: 3 Feb 2017 20:16

Tgt Ion:163 Resp: 49204
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0



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: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

BNA_F

ClientSampleId :

MW-20

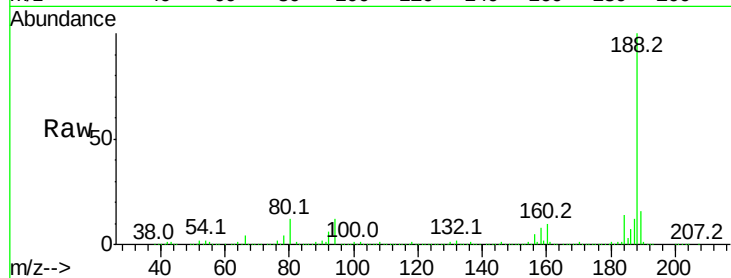
Tot Ion:188 Resp: 572941

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

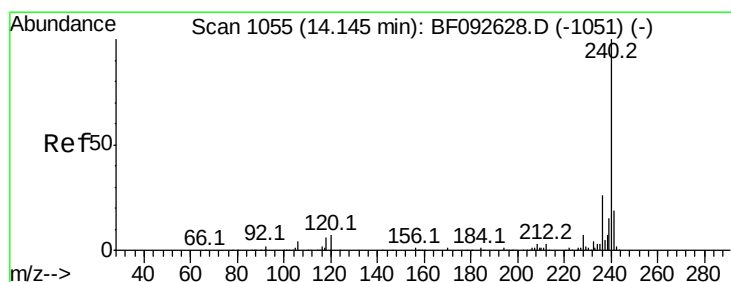
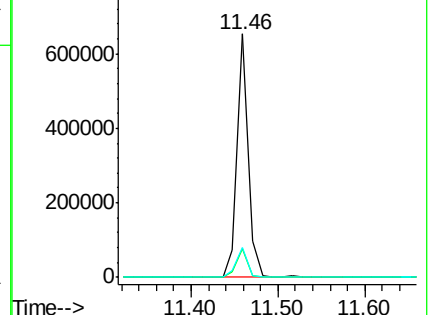
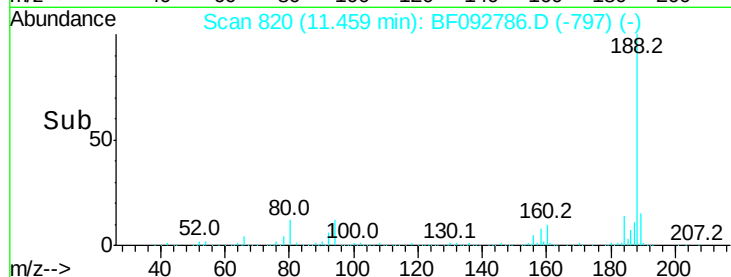
80 12.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

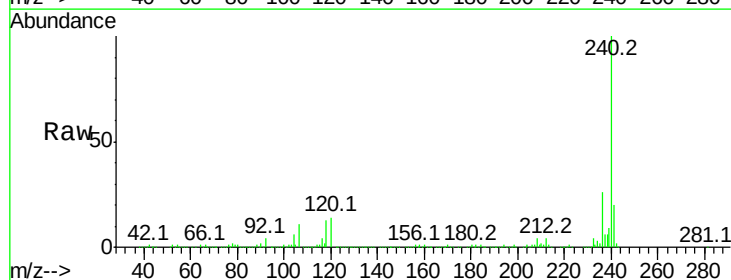
Tgt Ion:240 Resp: 473949

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

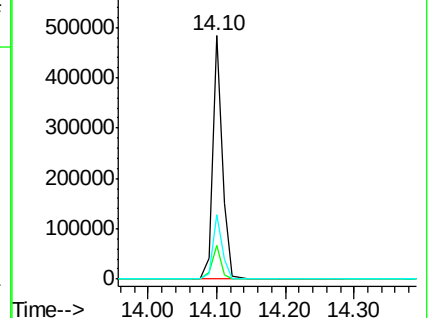
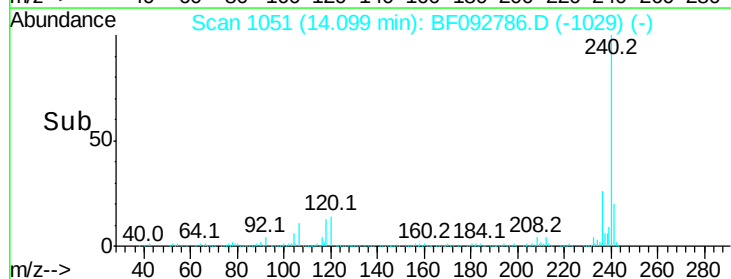
236 26.5 20.9 31.3

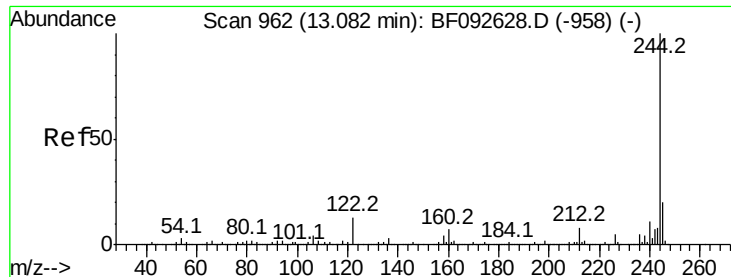


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.86 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

Instrument :

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ClientSampled :

MW-20

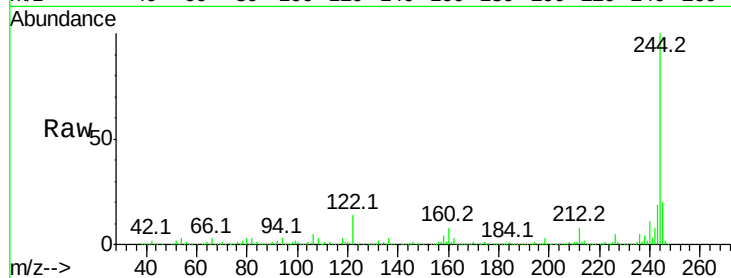
Tot Ion:244 Resp: 1449571

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

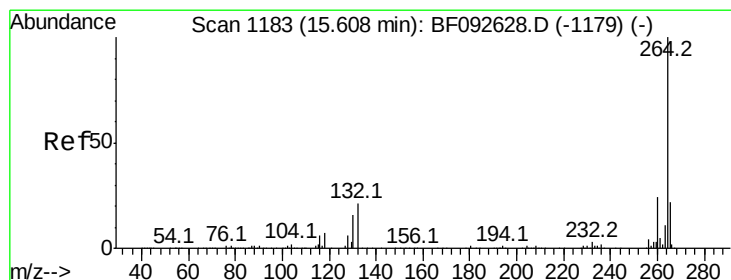
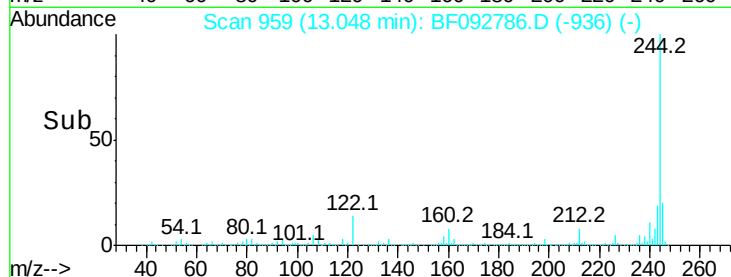
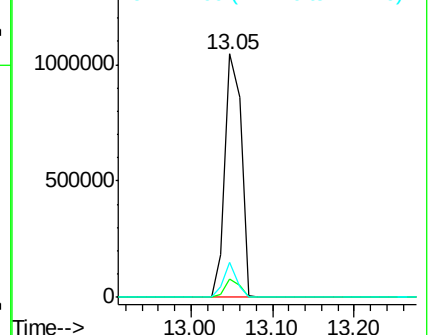
122 14.2 11.4 17.2



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092786.D

Acq: 3 Feb 2017 20:16

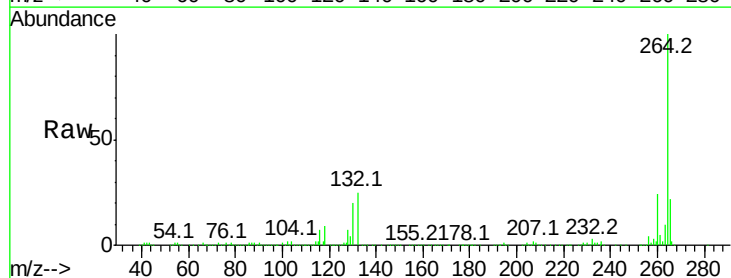
Tgt Ion:264 Resp: 411542

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 17.4 26.0



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

