

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079793.D
 Acq On : 7 Jun 2015 4:47
 Operator : TP/IZ
 Sample : G2507-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-2(0-2)

Quant Time: Jun 09 01:21:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

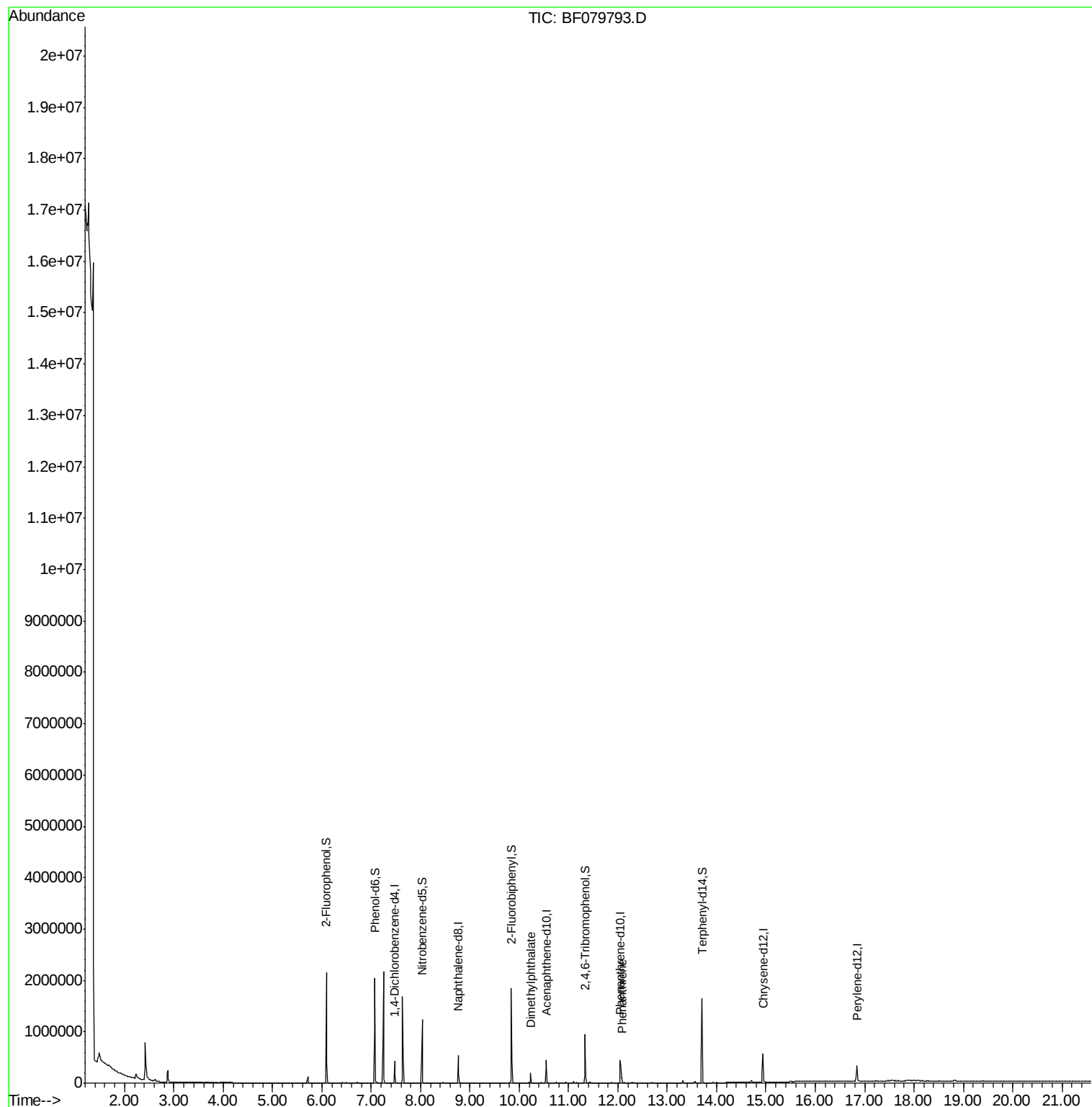
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	67483	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	239306	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	110128	20.00	ng	0.00
63) Phenanthrene-d10	12.05	188	222796	20.00	ng	-0.01
75) Chrysene-d12	14.94	240	226235	20.00	ng	-0.05
86) Perylene-d12	16.85	264	202634	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	523787	130.09	ng	0.00
7) Phenol-d6	7.07	99	777347	149.48	ng	0.00
23) Nitrobenzene-d5	8.03	82	408946	104.91	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	97869	92.92	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	540812	66.53	ng	0.00
78) Terphenyl-d14	13.70	244	534667	54.13	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.23	163	79249	9.34	ng	96
70) Phenanthrene	12.08	178	56381	4.32	ng	96

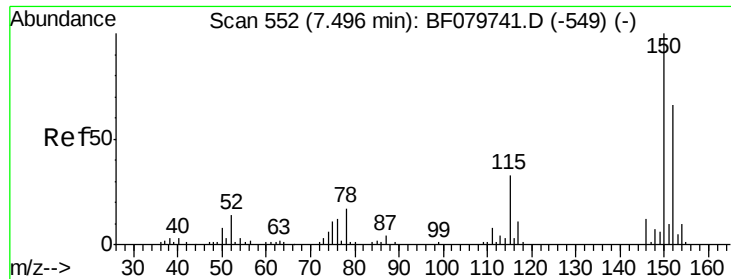
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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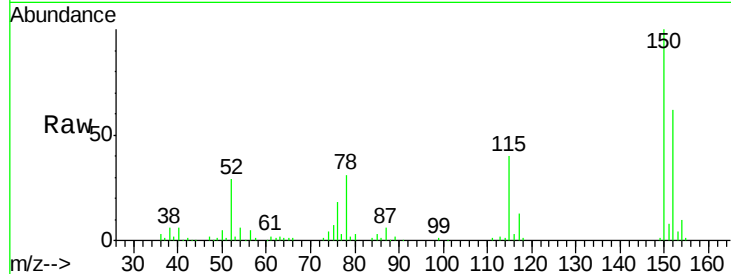


#1

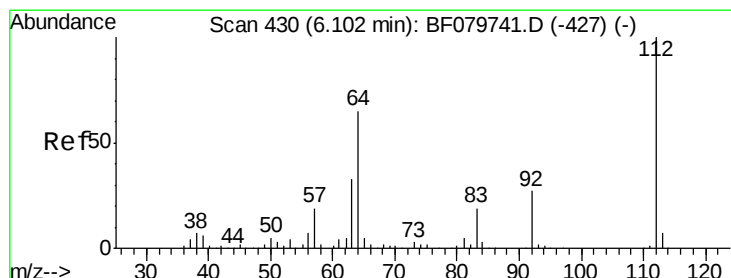
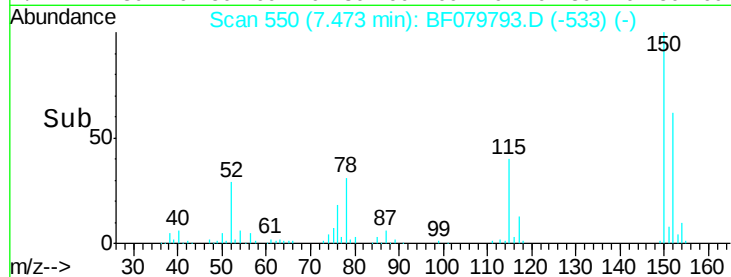
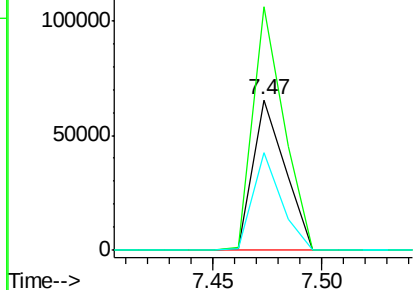
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

Instrument :
BNA_F
ClientSampled :
PIER2-2(0-2)

Tgt Ion:152 Resp: 67483
Ion Ratio Lower Upper
152 100
150 161.6 128.1 192.1
115 65.0 49.7 74.5



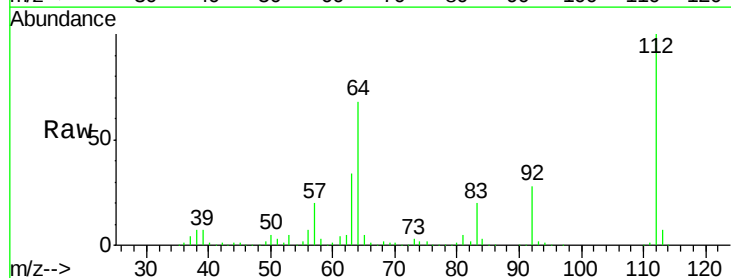
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



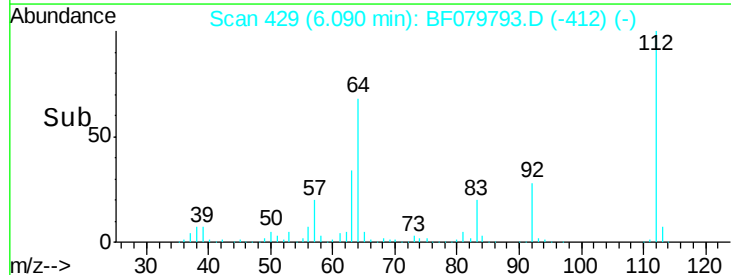
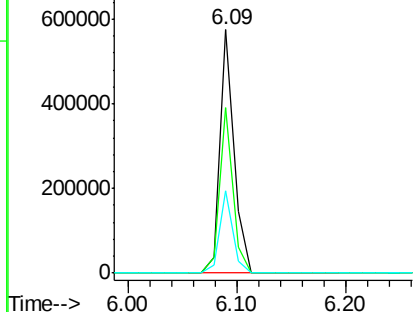
#5

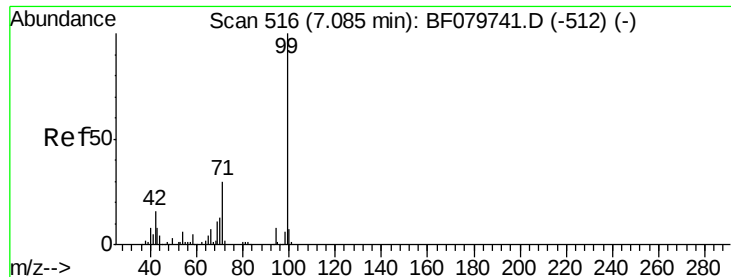
2-Fluorophenol
Concen: 130.09 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF079793.D
Acq: 7 Jun 2015 4:47

Tgt Ion:112 Resp: 523787
Ion Ratio Lower Upper
112 100
64 67.9 49.6 74.4
63 33.7 24.9 37.3



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: 149.48 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

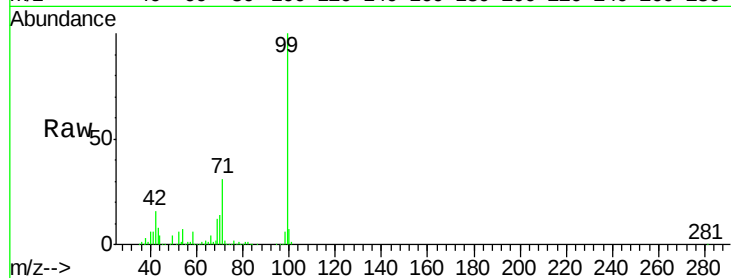
Tgt Ion: 99 Resp: 777347

Ion Ratio Lower Upper

99 100

42 15.9 18.0 27.0#

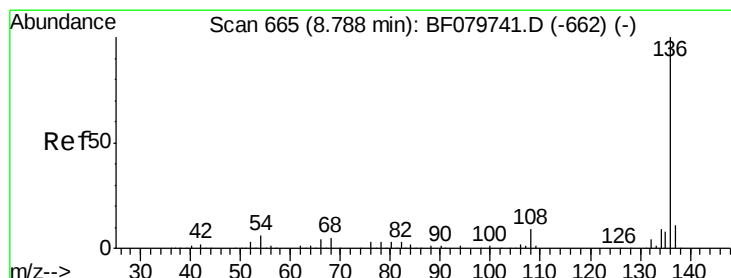
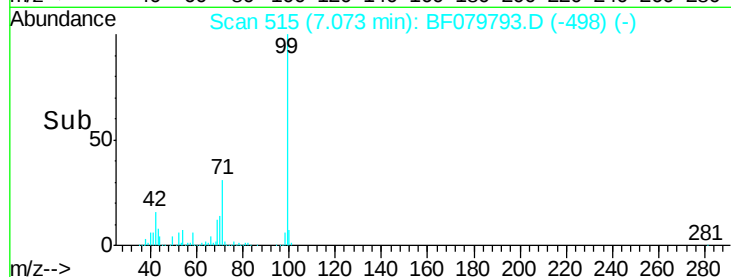
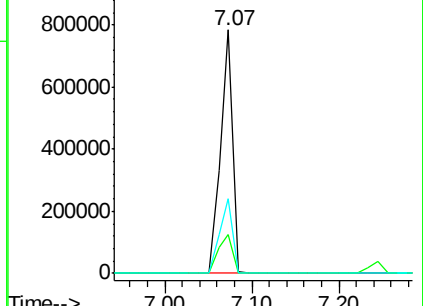
71 30.5 28.4 42.6



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: 8.76 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Tgt Ion: 136 Resp: 239306

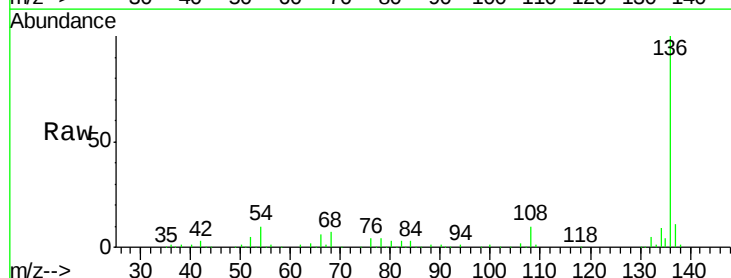
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 8.7 13.1

68 7.1 5.8 8.8

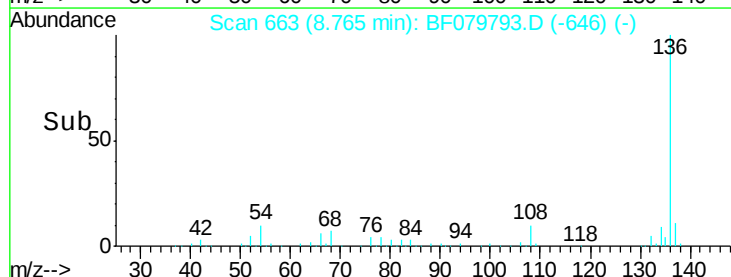
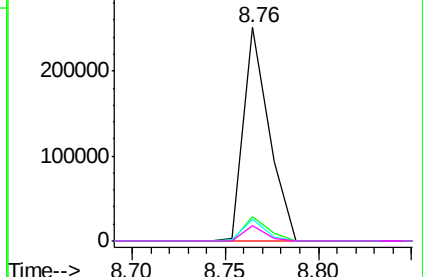


Abundance Ion 136.00 (135.70 to 136.70): E

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

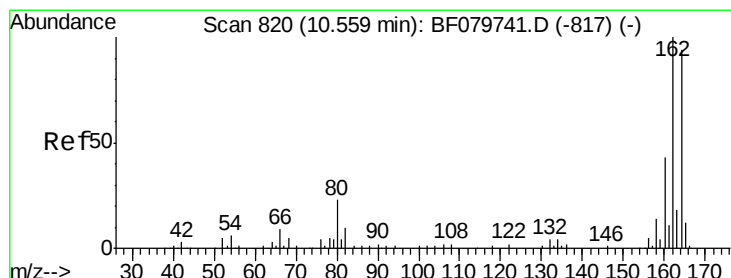
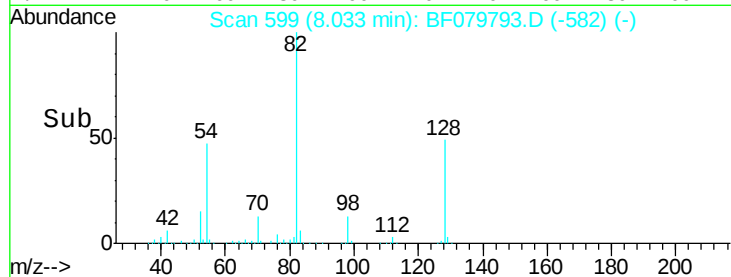
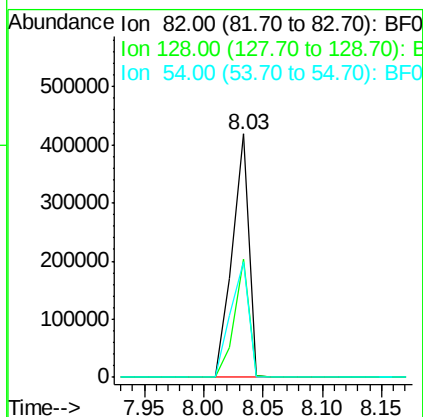
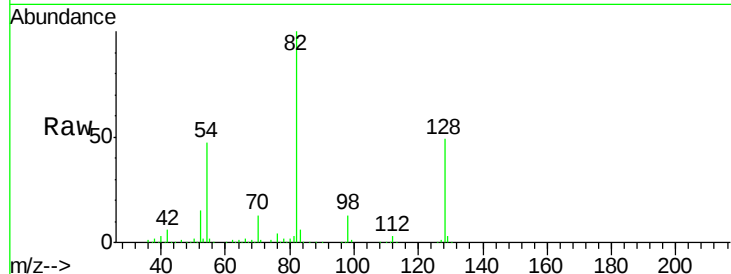




#23
 Nitrobenzene-d5
 Concen: 104.91 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079793.D
 Acq: 7 Jun 2015 4:47

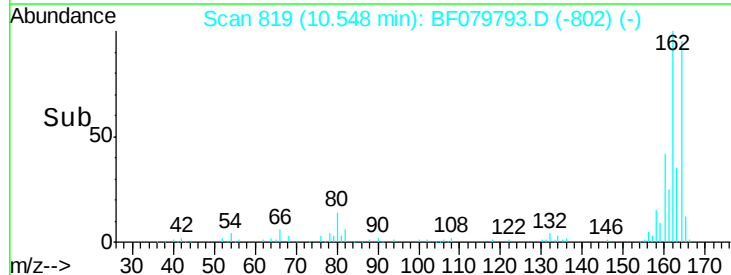
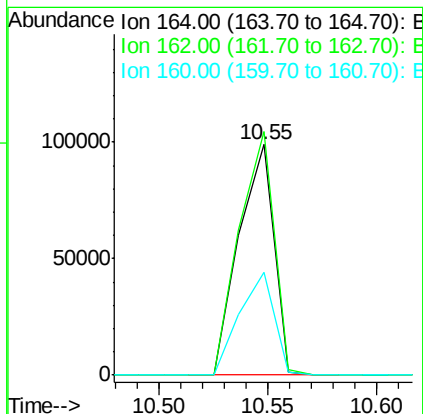
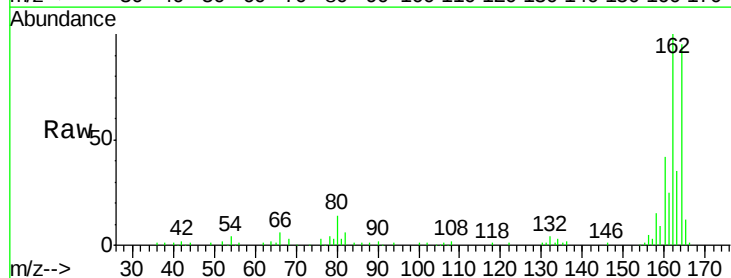
Instrument :
 BNA_F
 ClientSampled :
 PIER2-2(0-2)

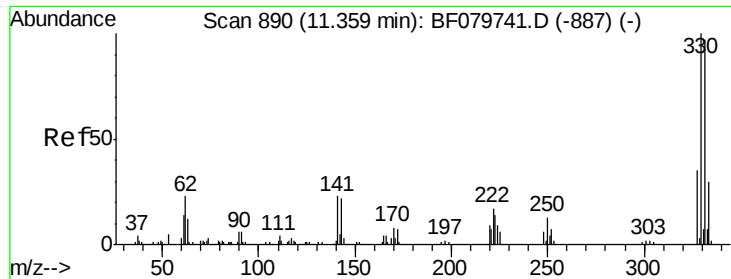
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.6	56.4
54	47.4	39.4	59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079793.D
 Acq: 7 Jun 2015 4:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	44.8	36.8	55.2

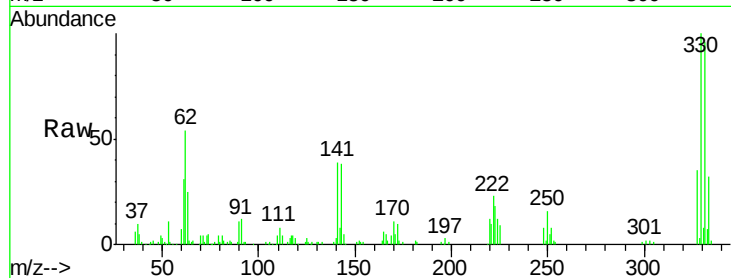




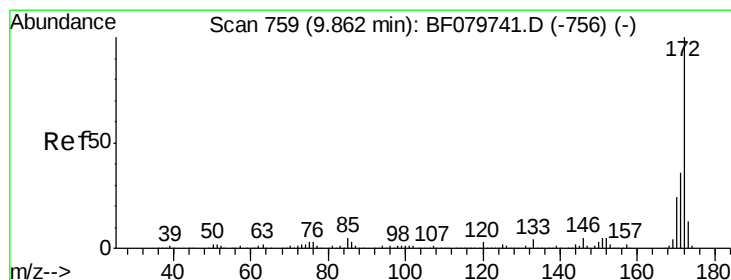
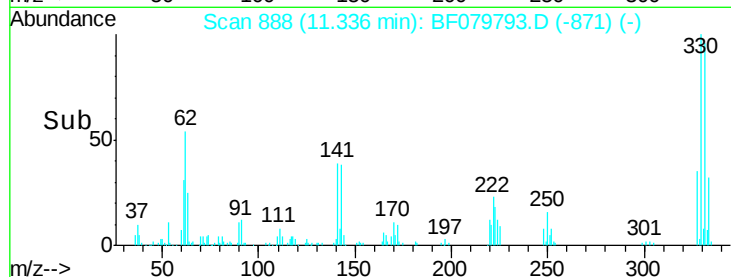
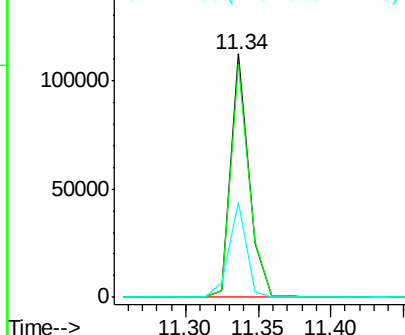
#41
 2,4,6-Tribromophenol
 Concen: 92.92 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079793.D
 Acq: 7 Jun 2015 4:47

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-2(0-2)

Tgt Ion:330 Resp: 97869
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 37.4 30.2 45.2

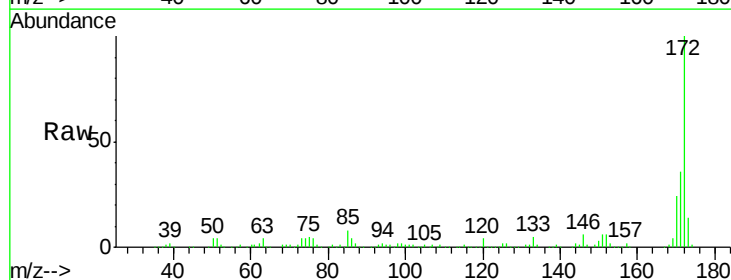


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

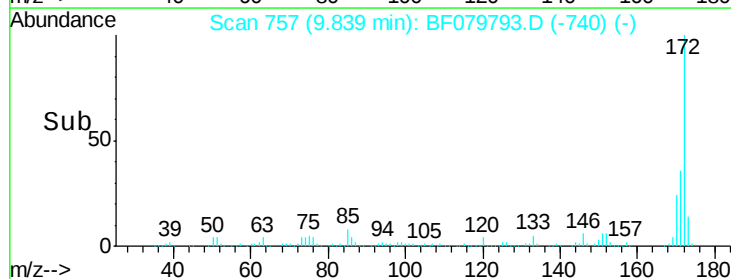
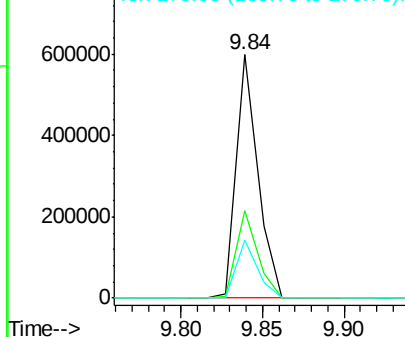


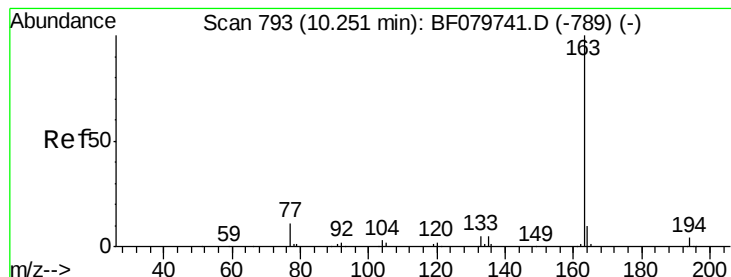
#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079793.D
 Acq: 7 Jun 2015 4:47

Tgt Ion:172 Resp: 540812
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.8 19.7 29.5



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: 9.34 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

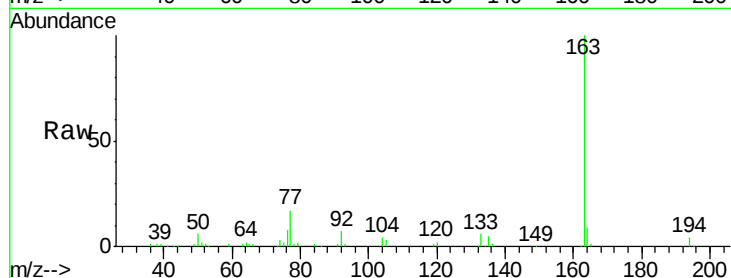
Tgt Ion:163 Resp: 79249

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

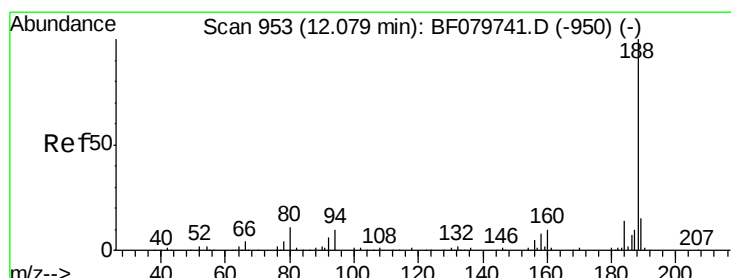
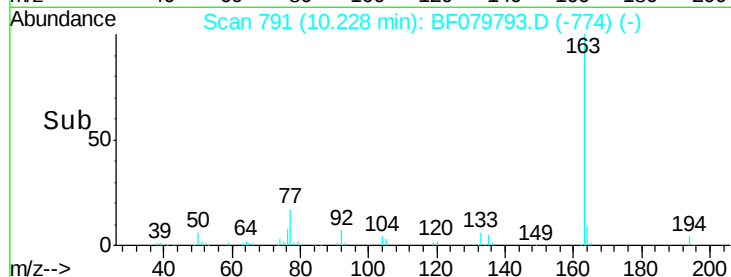
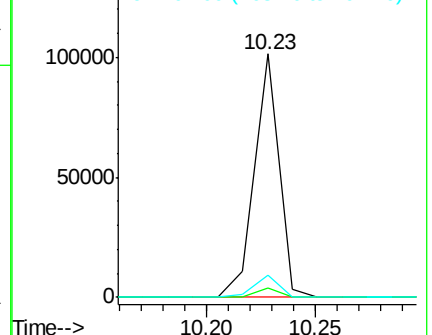
164 9.0 8.5 12.7



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: 12.05 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

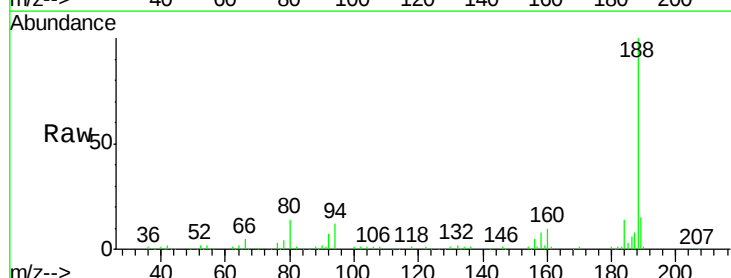
Tgt Ion:188 Resp: 222796

Ion Ratio Lower Upper

188 100

94 11.9 5.0 7.4#

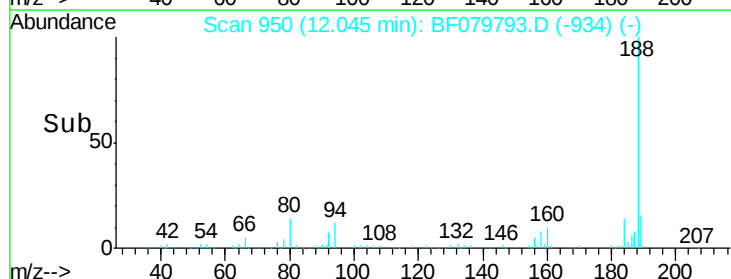
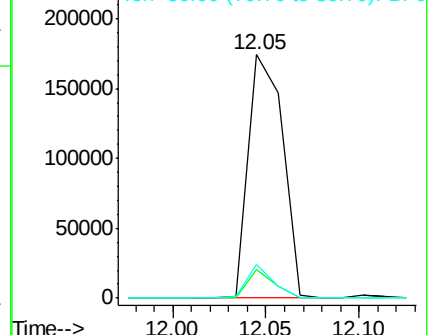
80 14.0 5.3 7.9#

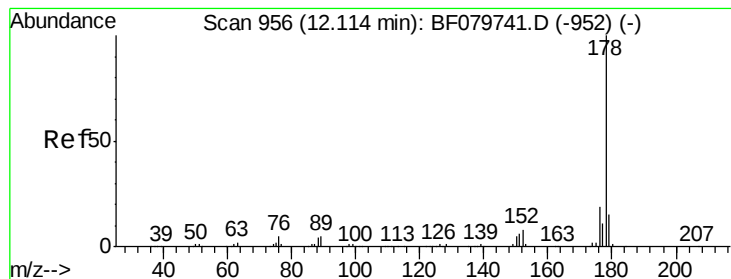


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.32 ng

RT: 12.08 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

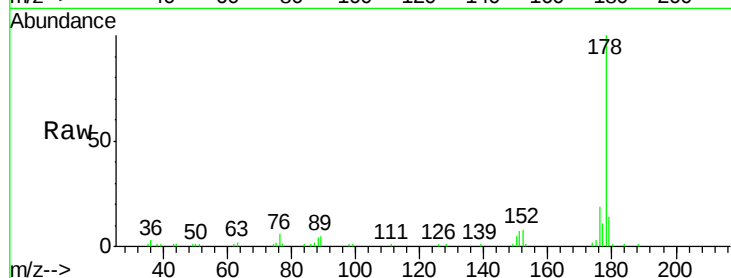
Tgt Ion:178 Resp: 56381

Ion Ratio Lower Upper

178 100

176 18.9 16.2 24.4

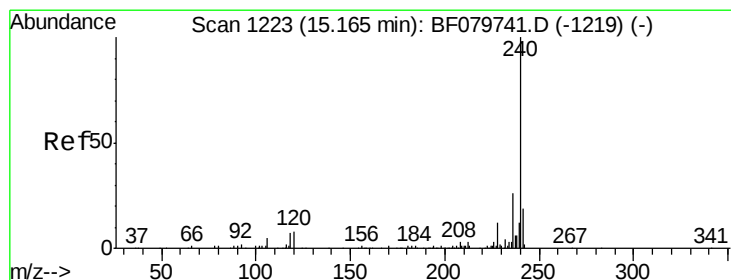
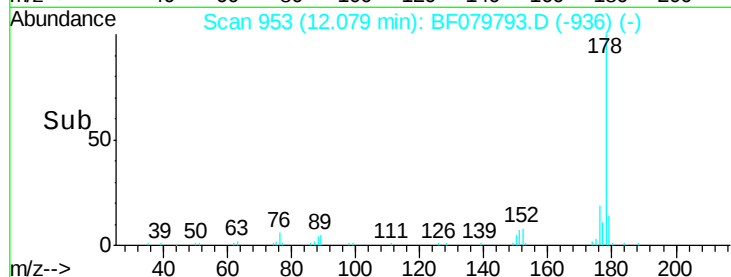
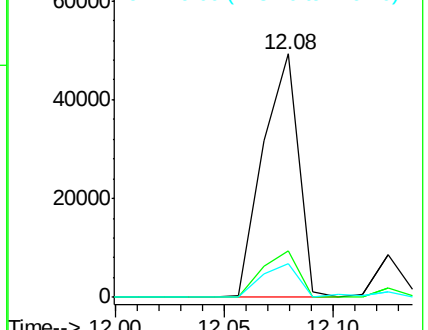
179 13.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

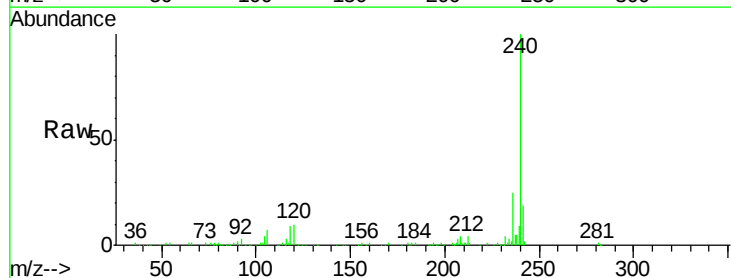
Tgt Ion:240 Resp: 226235

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

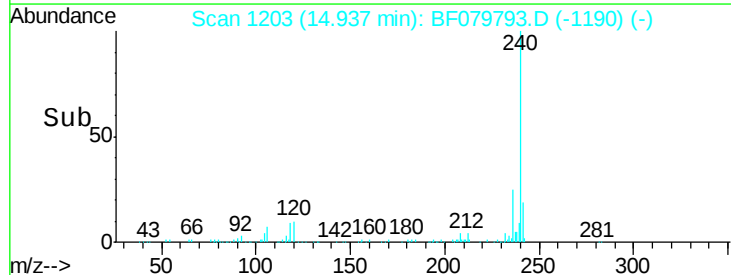
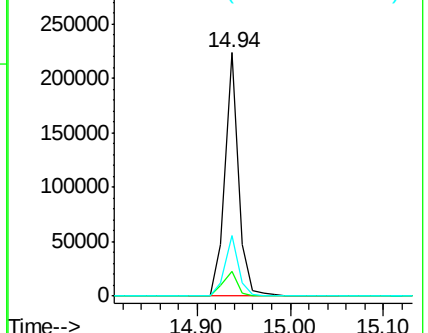
236 25.0 21.0 31.4

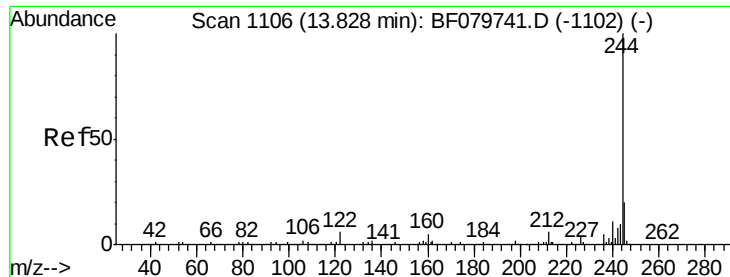


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.13 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

Instrument :

BNA_F

ClientSampleId :

PIER2-2(0-2)

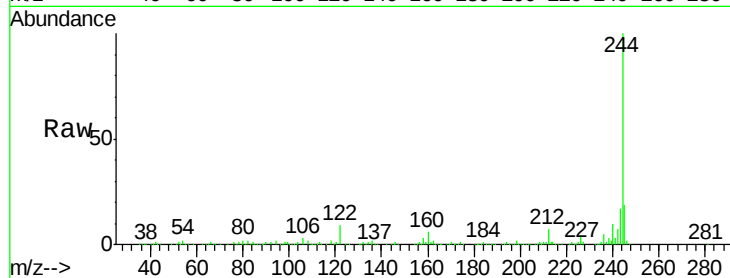
Tgt Ion:244 Resp: 534667

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

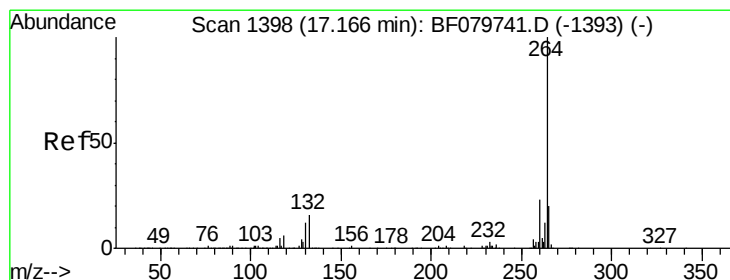
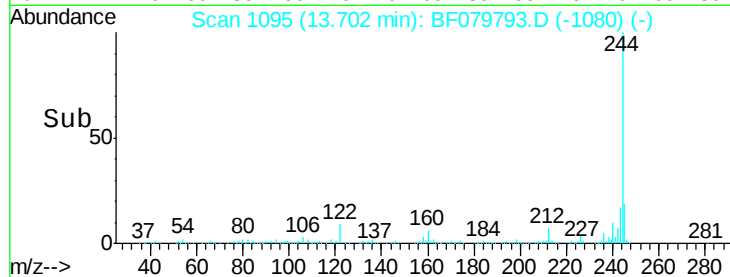
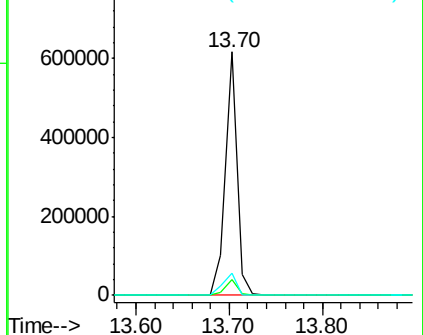
122 9.1 9.3 13.9#



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: 16.85 min Scan# 1370

Delta R.T. -0.06 min

Lab File: BF079793.D

Acq: 7 Jun 2015 4:47

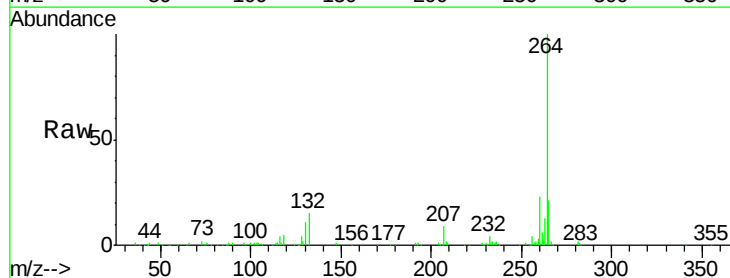
Tgt Ion:264 Resp: 202634

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 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

