

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083213.D
 Acq On : 23 Nov 2015 19:40
 Operator : UM/IZ
 Sample : G4437-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Nov 24 12:13:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

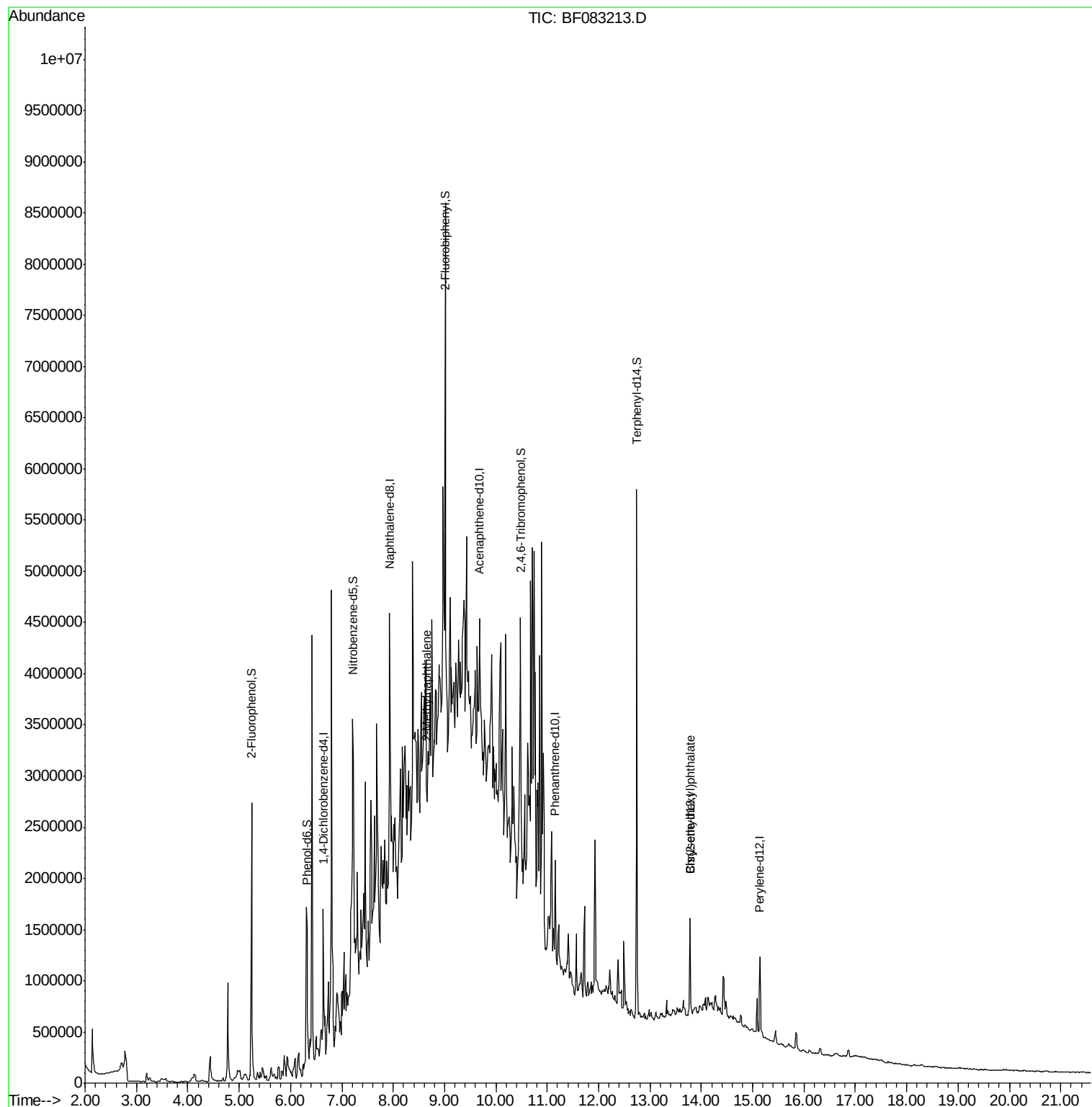
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190607	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	636320	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	313214	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	552998	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	420376	20.00	ng	-0.02
86) Perylene-d12	15.14	264	365114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	846513	67.14	ng	-0.03
7) Phenol-d6	6.32	99	839776	51.48	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1361657	97.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	442198	138.00	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1843445	82.07	ng	-0.01
78) Terphenyl-d14	12.74	244	1635484	91.62	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.65	142	82518	3.70	ng	94
83) Bis(2-ethylhexyl)phthalate	13.78	149	41815	2.36	ng	91

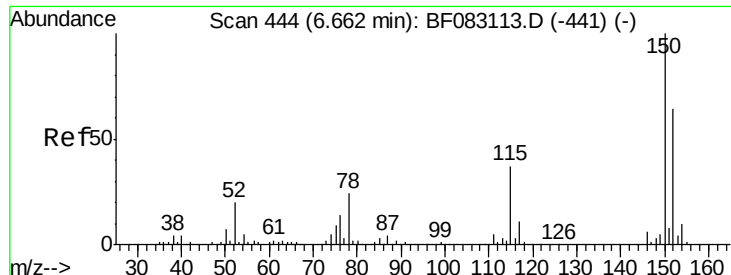
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-02

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QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



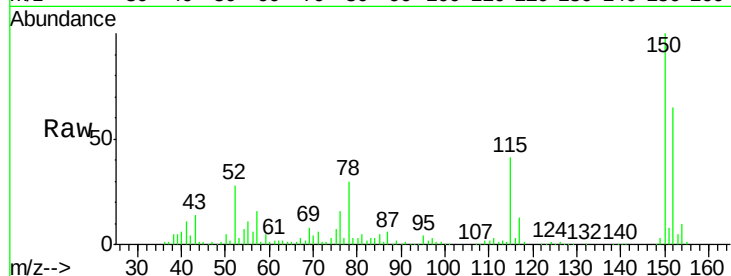


#1

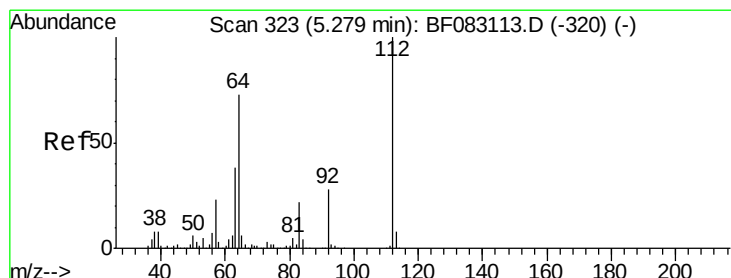
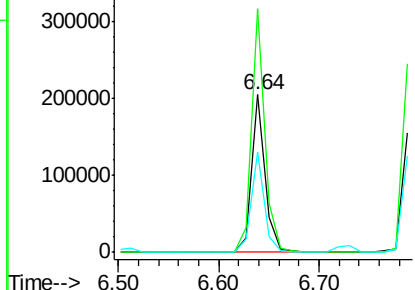
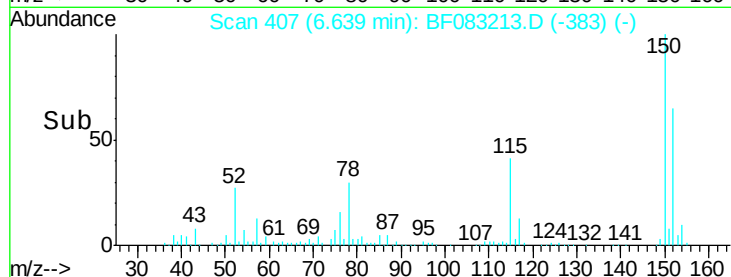
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF083213.D
 Acq: 23 Nov 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.8
115	63.4	46.9	70.3



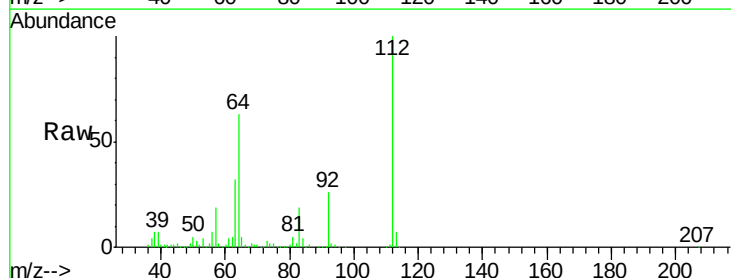
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



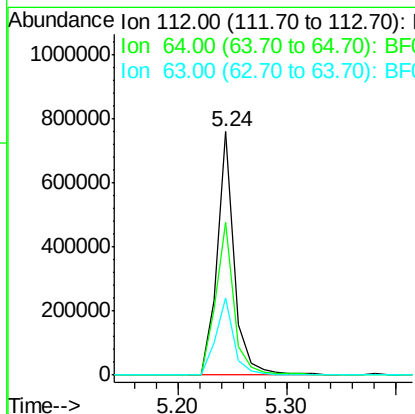
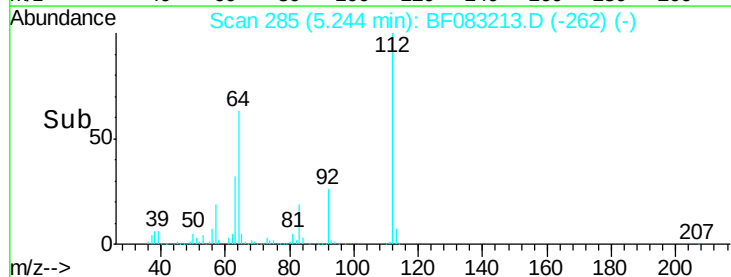
#5

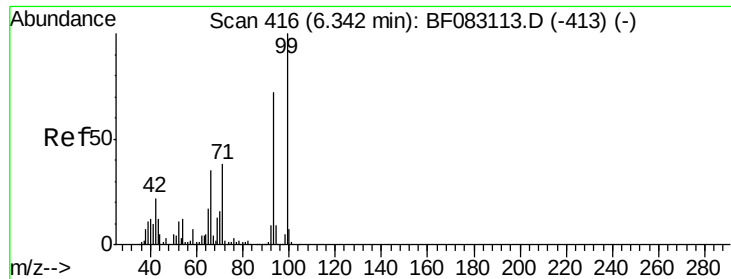
2-Fluorophenol
 Concen: 67.14 ng
 RT: 5.24 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF083213.D
 Acq: 23 Nov 2015 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	58.4	87.6
63	31.9	30.0	45.0



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: 51.48 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-02

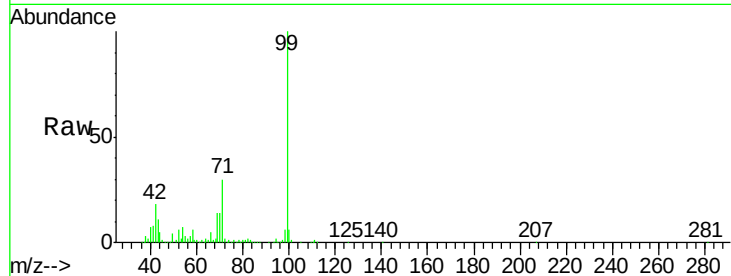
Tot Ion: 99 Resp: 839776

Ion Ratio Lower Upper

99 100

42 17.7 17.7 26.5

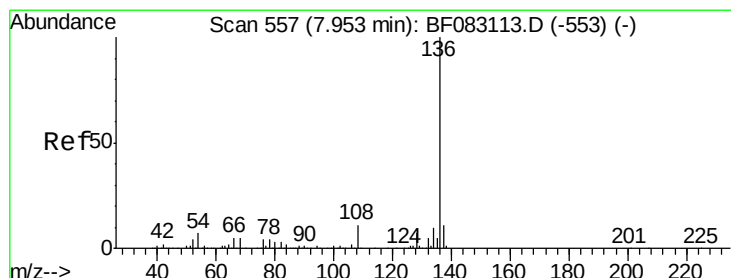
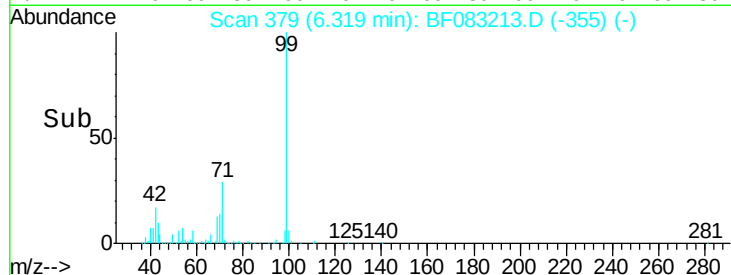
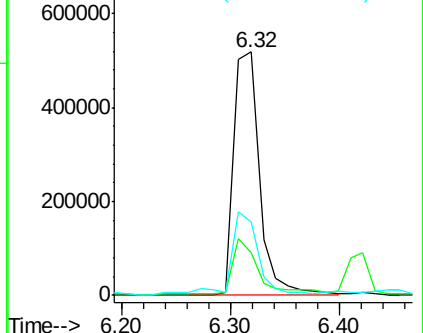
71 29.9 30.2 45.4#



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: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

Tgt Ion: 136 Resp: 636320

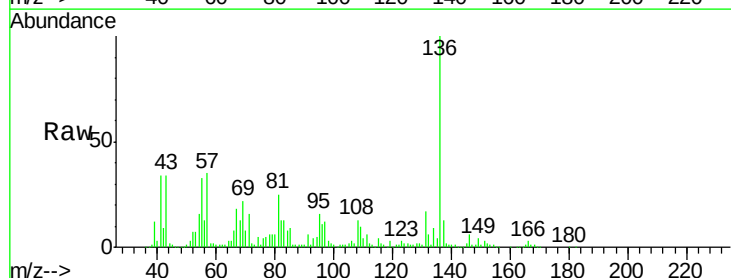
Ion Ratio Lower Upper

136 100

137 12.7 8.7 13.1

54 16.0 5.8 8.6#

68 13.4 3.8 5.8#

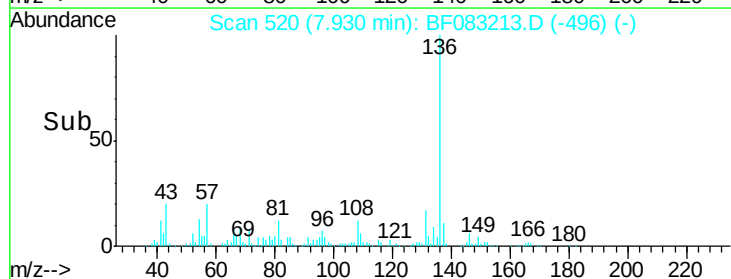
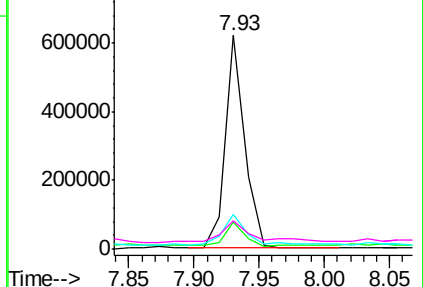


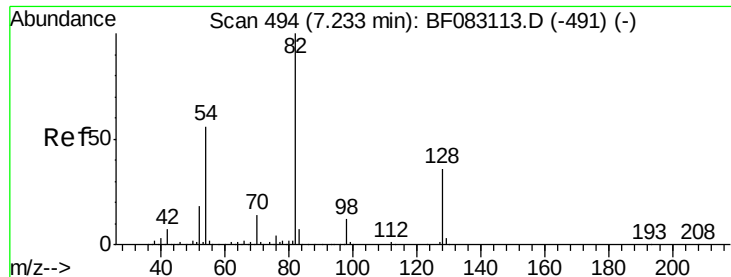
Abundance Ion 136.00 (135.70 to 136.70): E

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

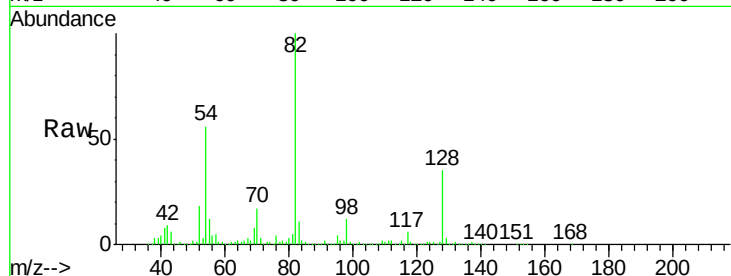




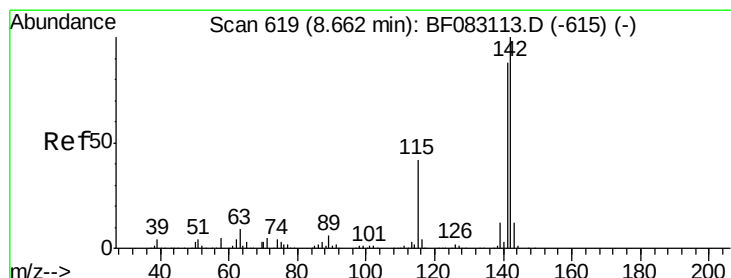
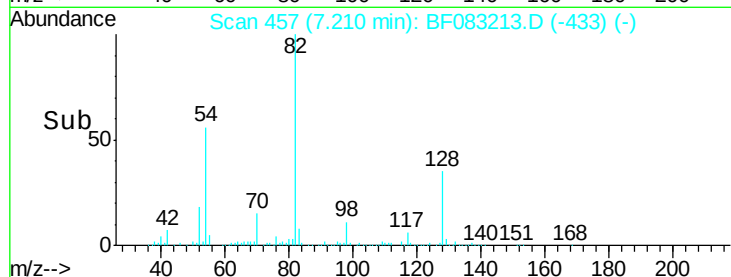
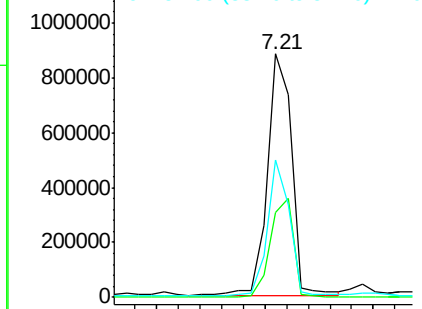
#23
Nitrobenzene-d5
Concen: 97.78 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampled :
MW-02

Tot Ion: 82 Resp: 1361657
Ion Ratio Lower Upper
82 100
128 35.0 28.5 42.7
54 56.3 44.6 67.0

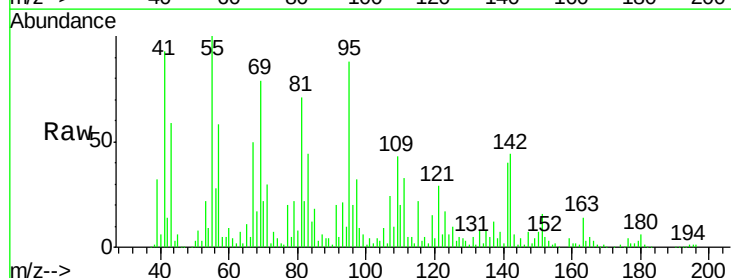


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

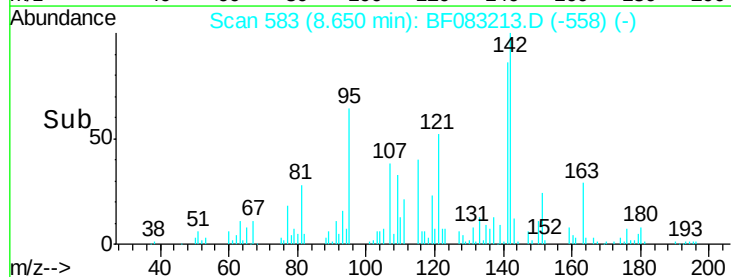
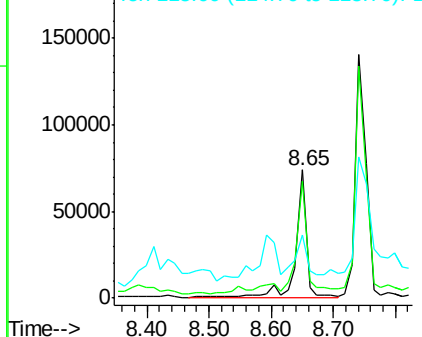


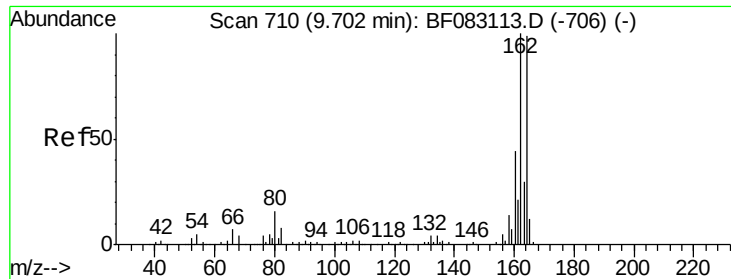
#37
2-Methylnaphthalene
Concen: 3.70 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:142 Resp: 82518
Ion Ratio Lower Upper
142 100
141 90.9 70.3 105.5
115 49.6 33.4 50.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-02

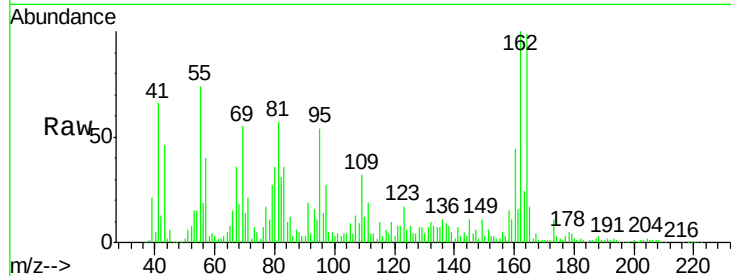
Tot Ion:164 Resp: 313214

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

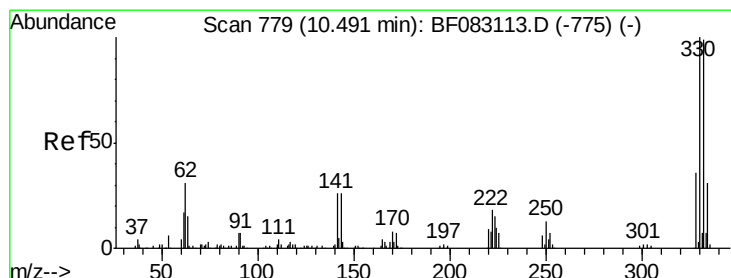
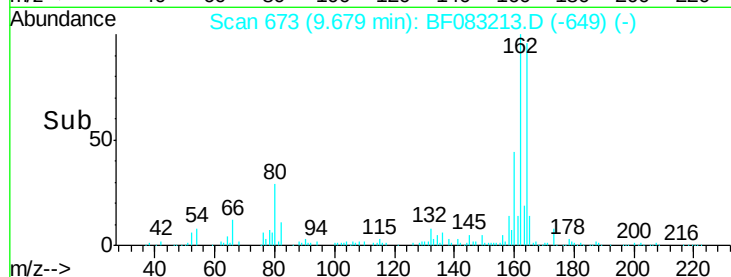
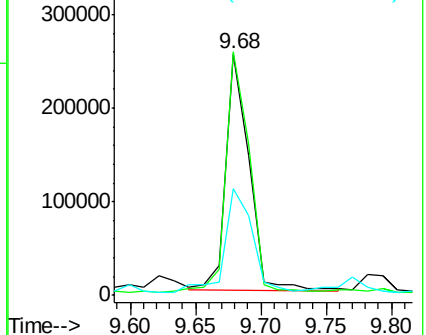
160 44.4 35.6 53.4



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: 138.00 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

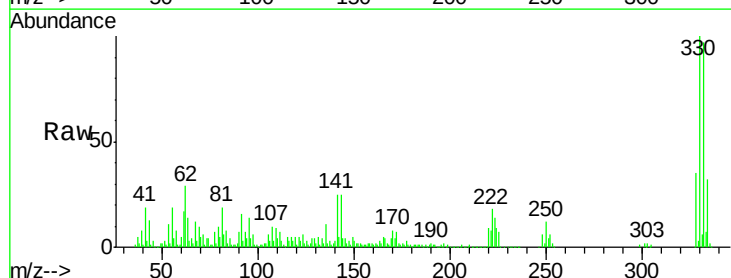
Tgt Ion:330 Resp: 442198

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

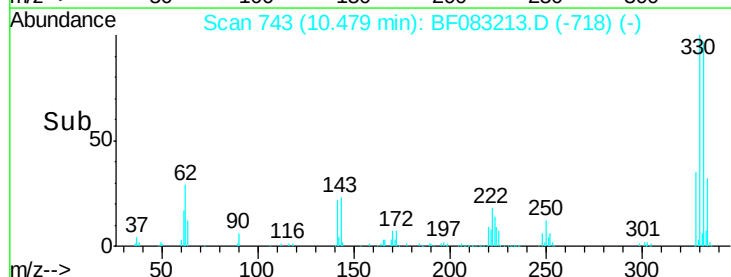
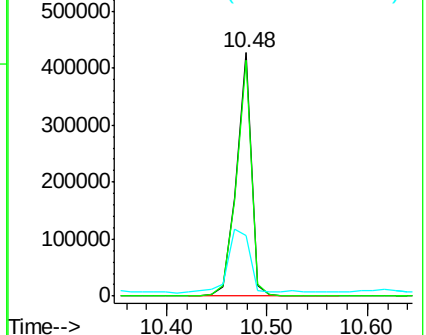
141 38.6 29.7 44.5

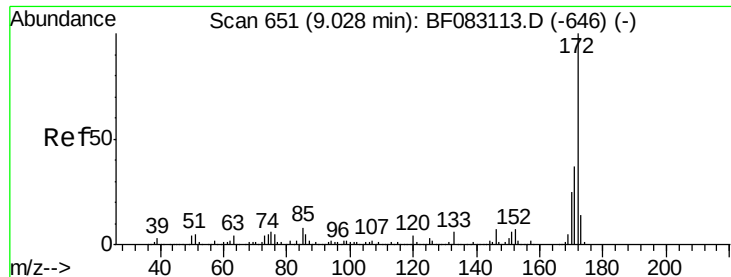


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

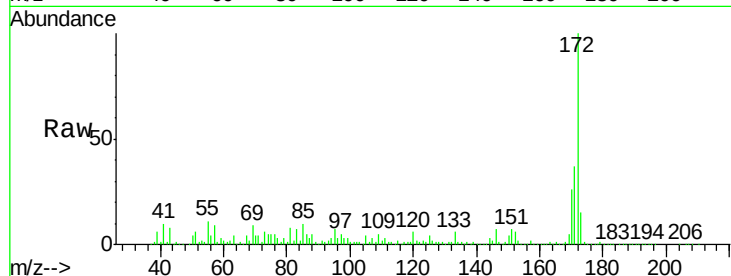




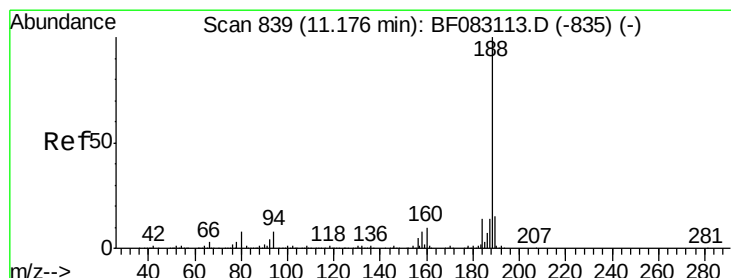
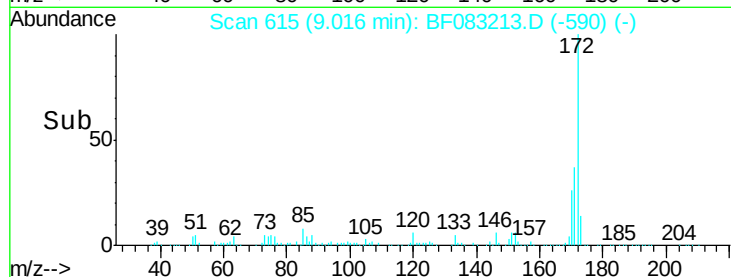
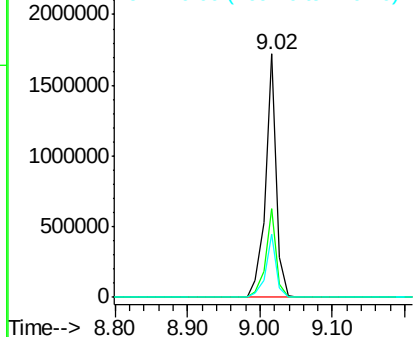
#44
2-Fluorobiphenyl
Concen: 82.07 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:172 Resp: 1843445
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 25.8 19.9 29.9

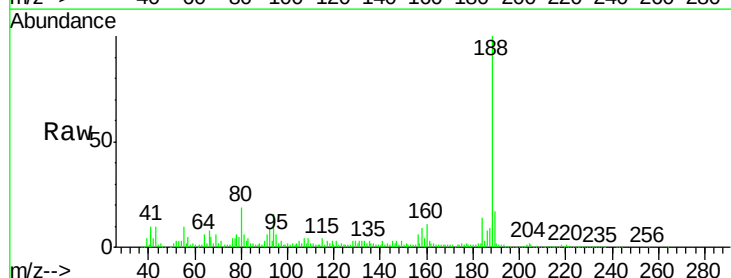


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

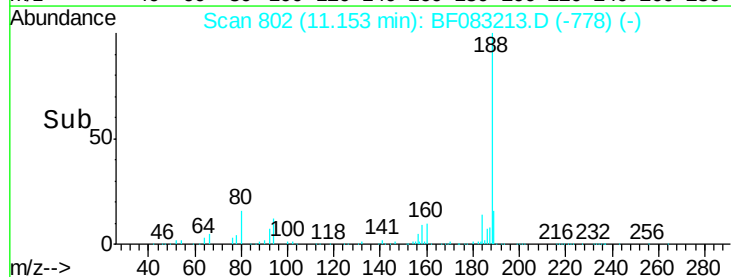
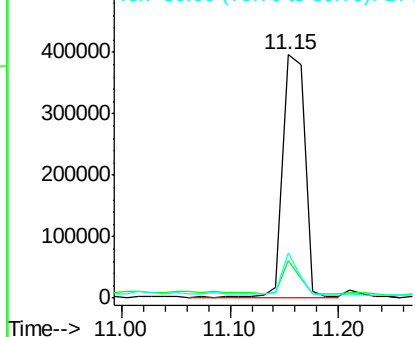


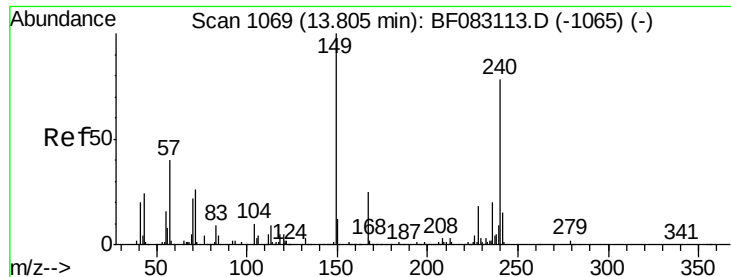
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:188 Resp: 552998
Ion Ratio Lower Upper
188 100
94 15.5 6.0 9.0#
80 18.8 6.7 10.1#



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-02

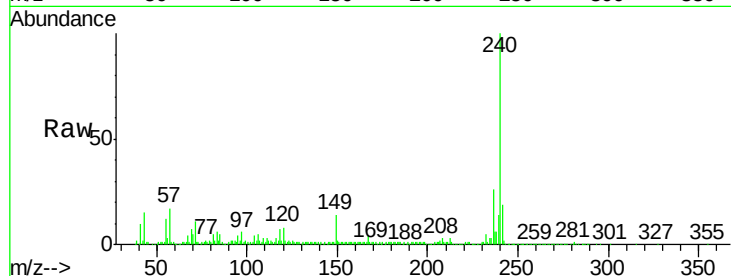
Tot Ion:240 Resp: 420376

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.2

236 25.8 20.6 31.0



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

13.78

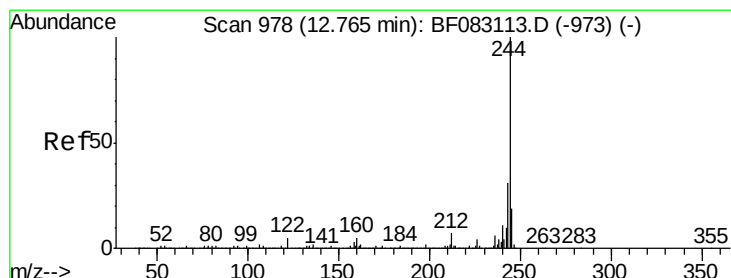
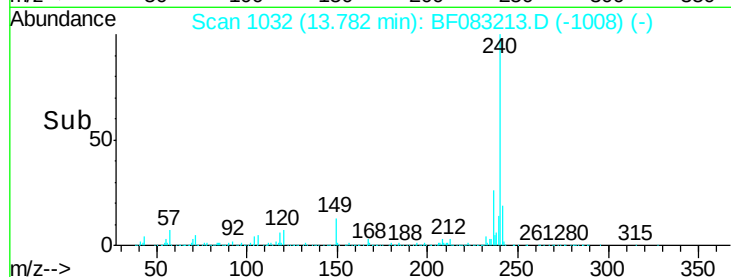
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 91.62 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

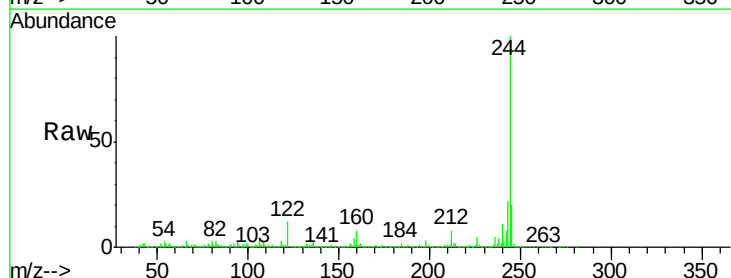
Tgt Ion:244 Resp: 1635484

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 12.3 4.3 6.5#



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

12.74

2000000

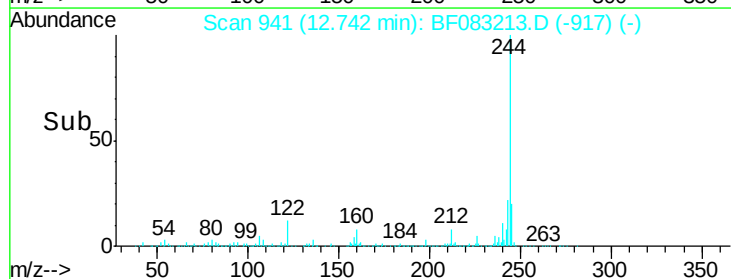
1500000

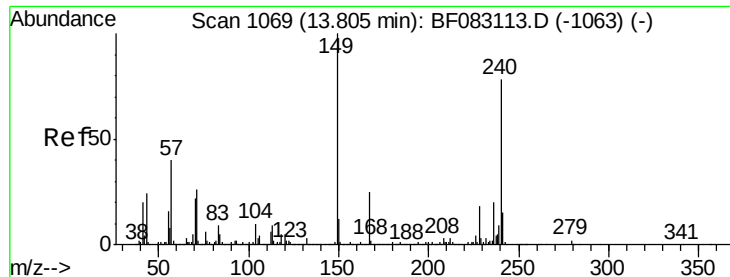
1000000

500000

0

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.36 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

Instrument :

BNA_F

ClientSampleId :

MW-02

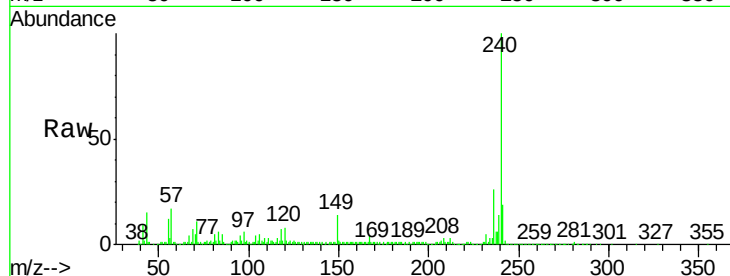
Tot Ion:149 Resp: 41815

Ion Ratio Lower Upper

149 100

167 30.1 20.1 30.1

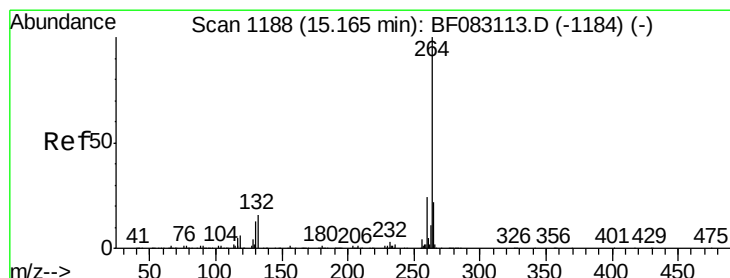
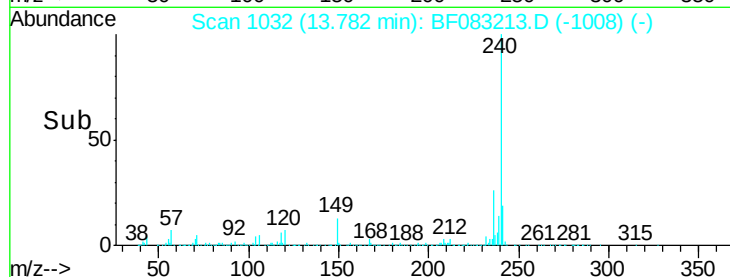
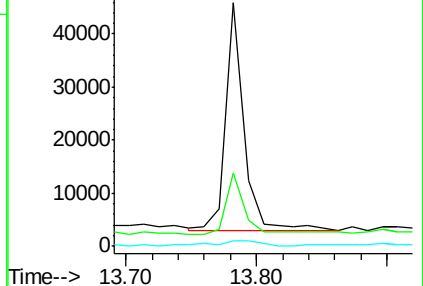
279 2.5 1.7 2.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083213.D

Acq: 23 Nov 2015 19:40

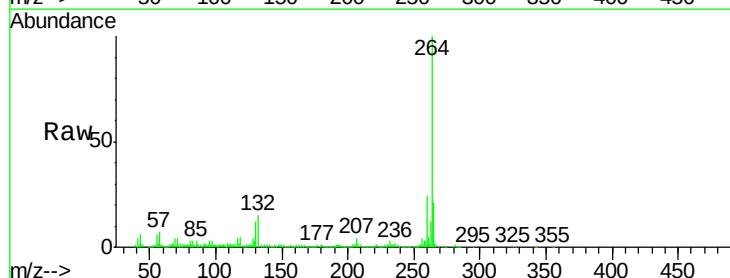
Tgt Ion:264 Resp: 365114

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.0 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

