

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078402.D
 Acq On : 10 Apr 2015 16:30
 Operator : TP/IZ
 Sample : G1805-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Apr 11 02:25:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

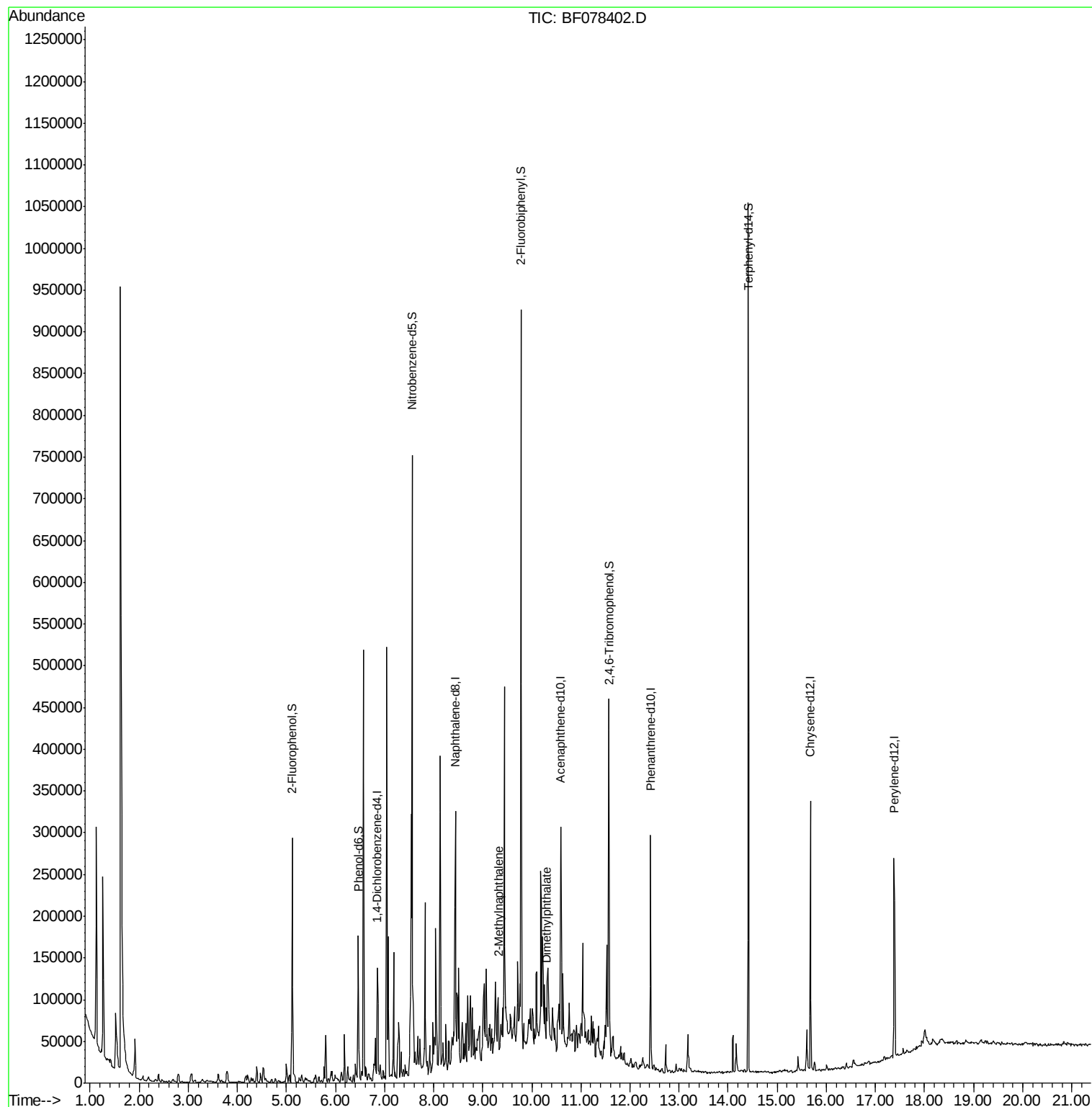
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	26122	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	107410	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	54333	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	109869	20.00	ng	0.00
75) Chrysene-d12	15.68	240	124769	20.00	ng	-0.01
86) Perylene-d12	17.38	264	125575	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	103585	65.38	ng	0.00
7) Phenol-d6	6.46	99	80630	40.61	ng	0.00
23) Nitrobenzene-d5	7.56	82	161875	91.35	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	70718	156.94	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	328790	86.50	ng	0.00
78) Terphenyl-d14	14.41	244	389896	70.61	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	9.32	142	12213	3.22	ng	# 93
49) Dimethylphthalate	10.29	163	9171	2.25	ng	# 88

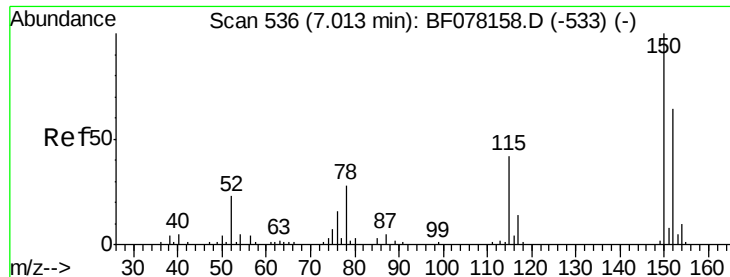
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

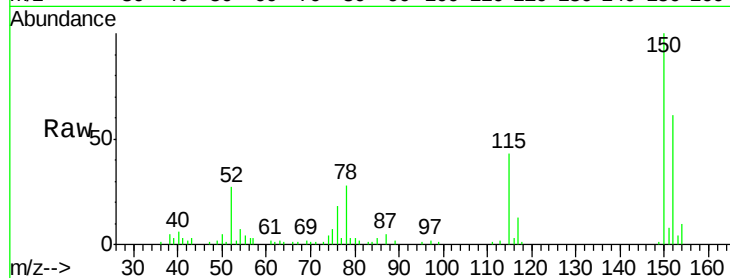
Tgt Ion:152 Resp: 26122

Ion Ratio Lower Upper

152 100

150 164.0 125.9 188.9

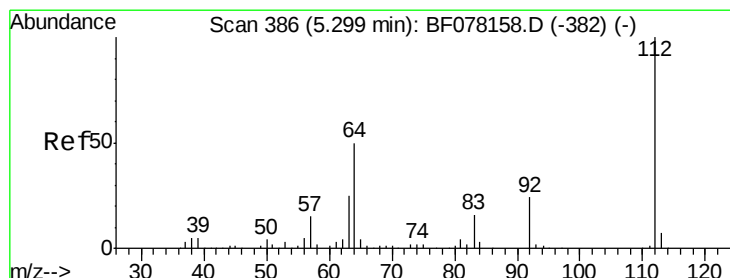
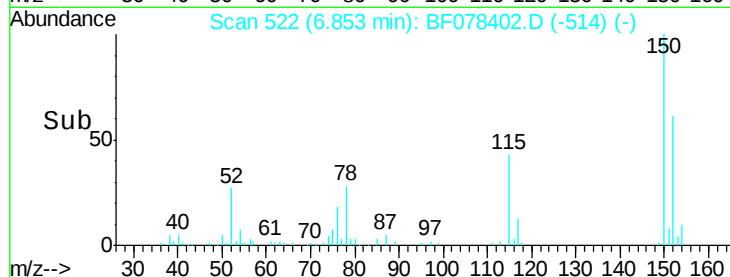
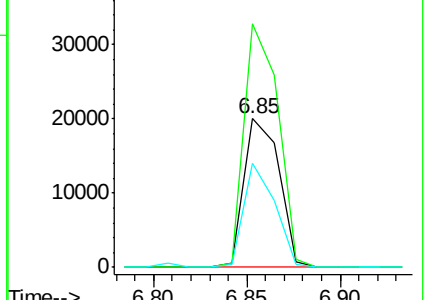
115 70.0 52.7 79.1



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: 65.38 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

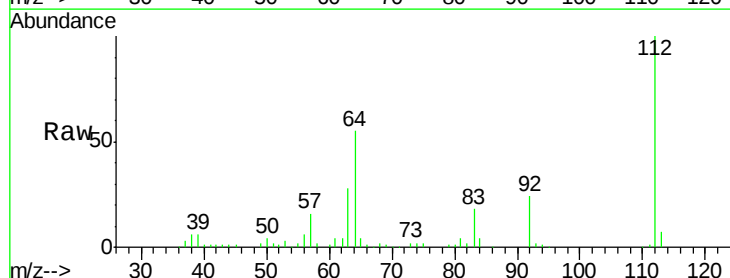
Tgt Ion:112 Resp: 103585

Ion Ratio Lower Upper

112 100

64 54.5 39.9 59.9

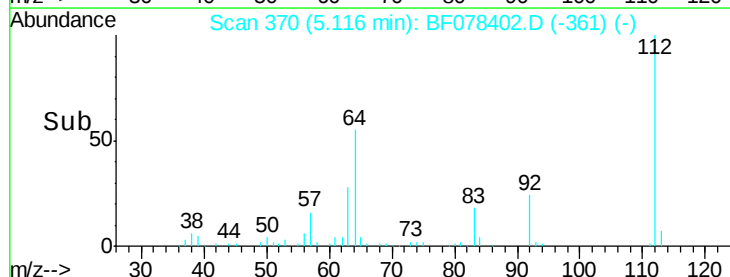
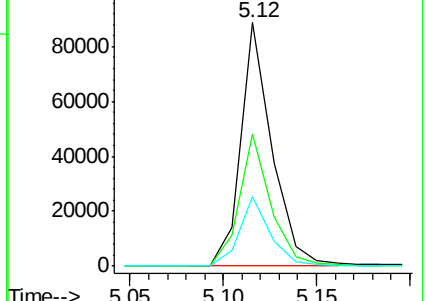
63 28.3 20.2 30.4

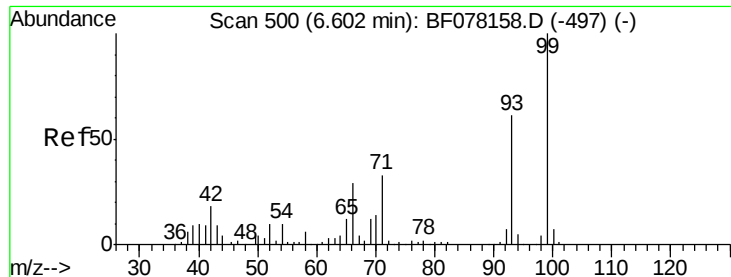


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.61 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

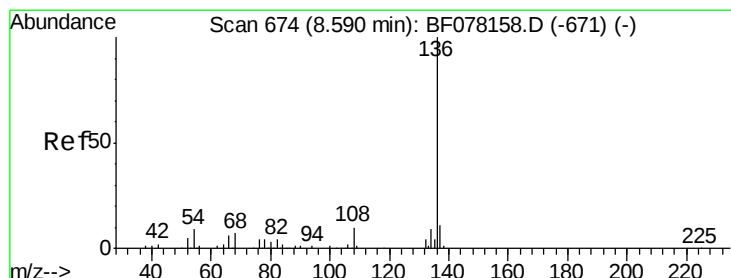
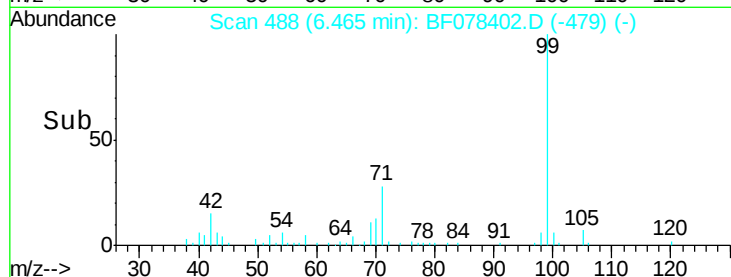
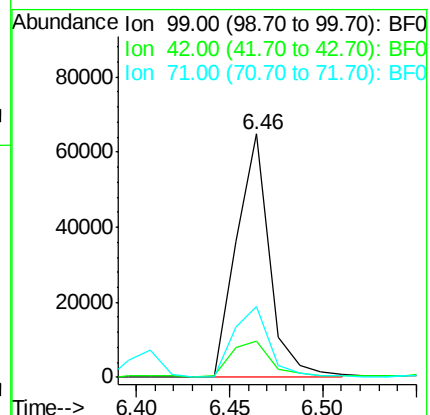
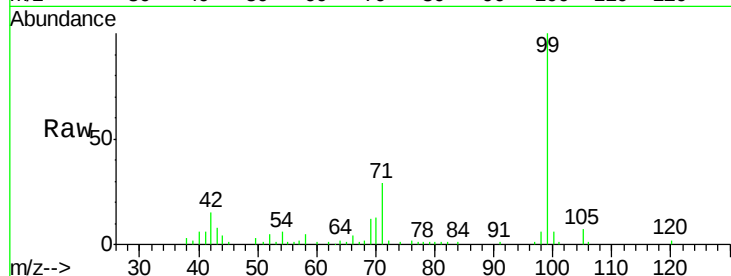
Tgt Ion: 99 Resp: 80630

Ion Ratio Lower Upper

99 100

42 15.0 14.8 22.2

71 29.2 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Tgt Ion: 136 Resp: 107410

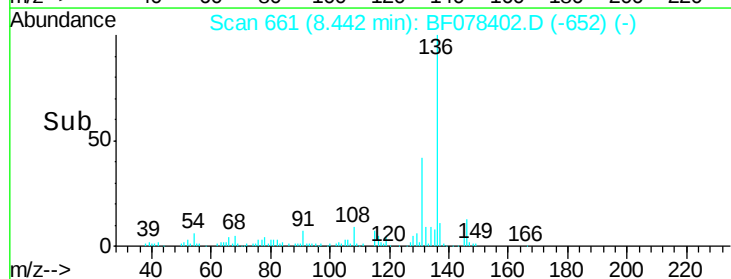
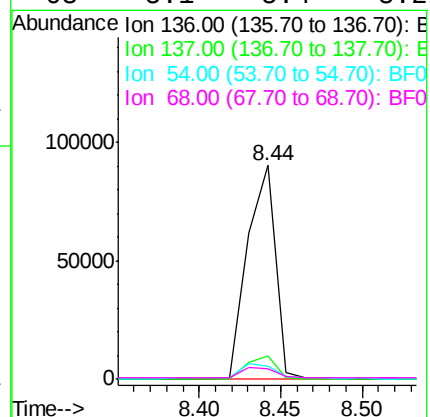
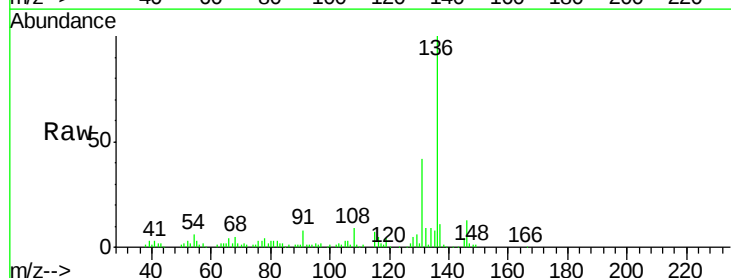
Ion Ratio Lower Upper

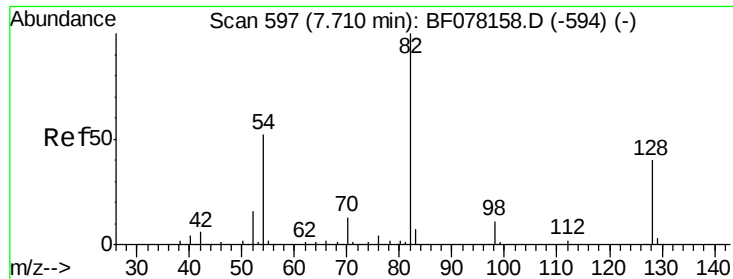
136 100

137 10.5 9.0 13.4

54 6.0 7.0 10.6#

68 5.1 5.4 8.2#

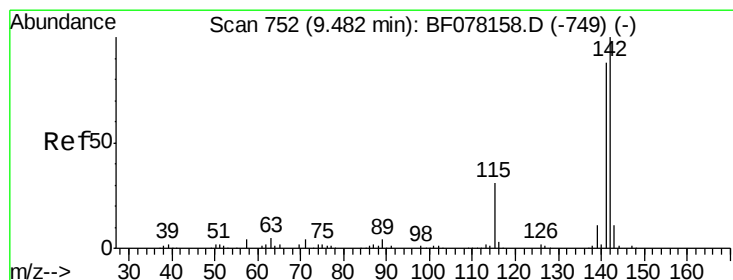
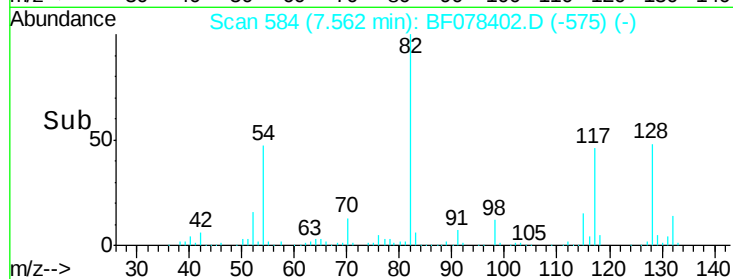
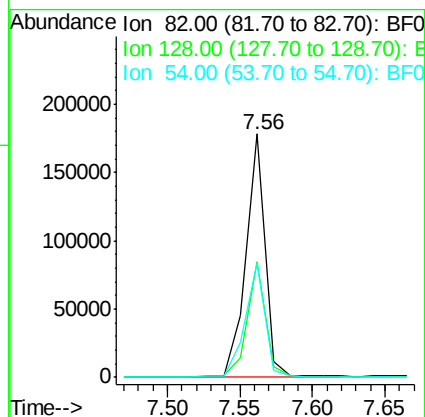
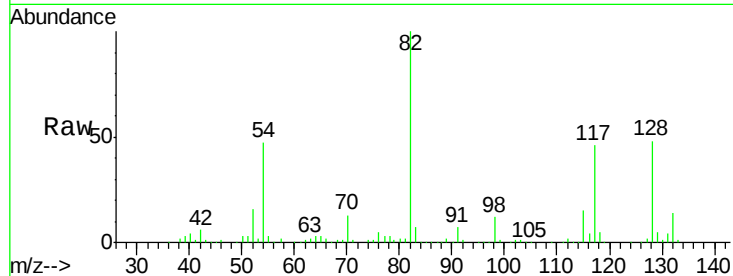




#23
 Nitrobenzene-d5
 Concen: 91.35 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

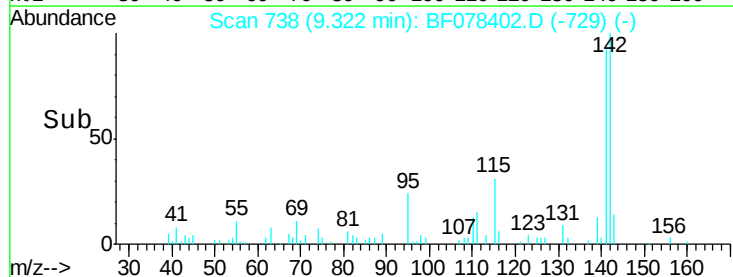
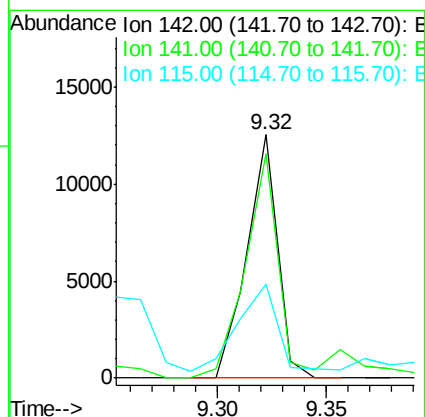
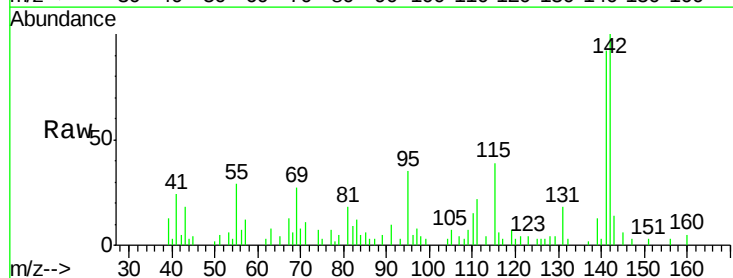
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

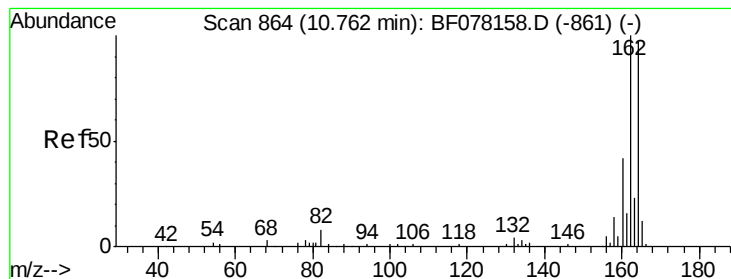
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	31.8	47.8
54	47.1	41.5	62.3



#37
 2-Methylnaphthalene
 Concen: 3.22 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.3	105.5
115	38.5	24.6	37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

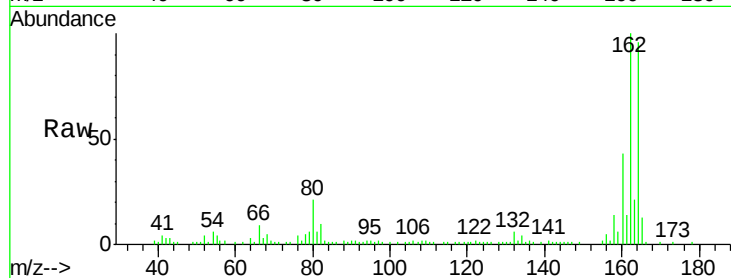
Tgt Ion:164 Resp: 54333

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.2

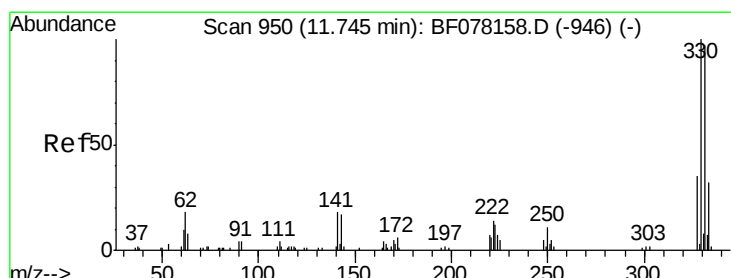
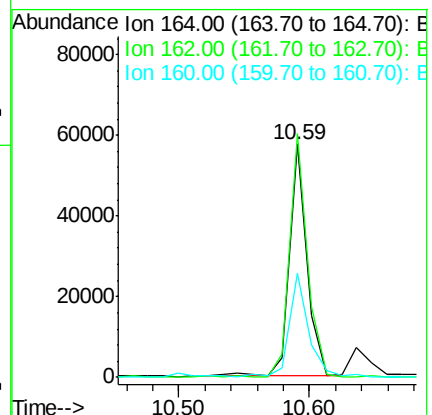
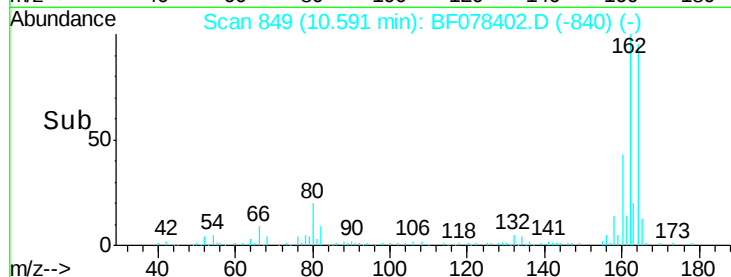
160 44.7 34.7 52.1



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: 156.94 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

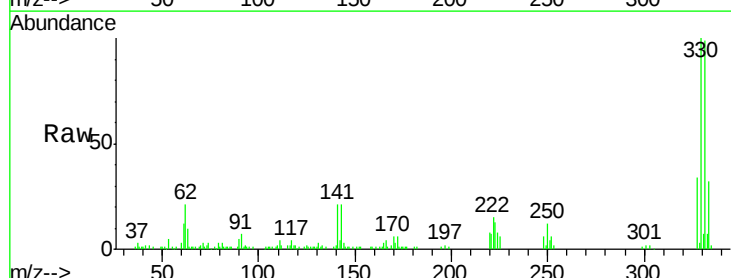
Tgt Ion:330 Resp: 70718

Ion Ratio Lower Upper

330 100

332 97.8 78.6 117.8

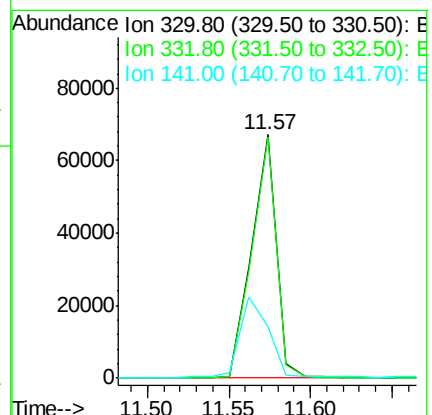
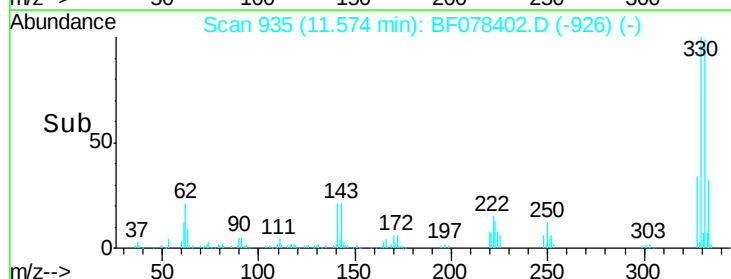
141 39.7 31.2 46.8

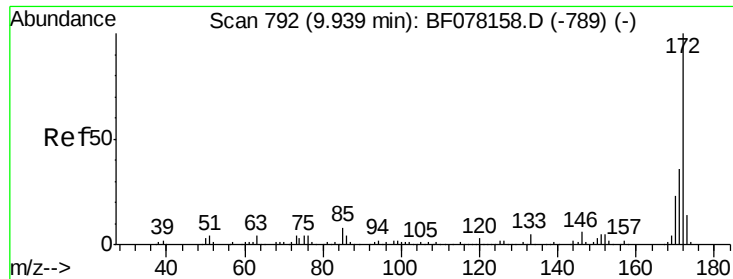


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

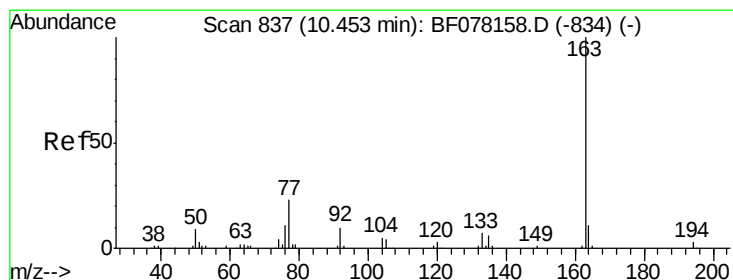
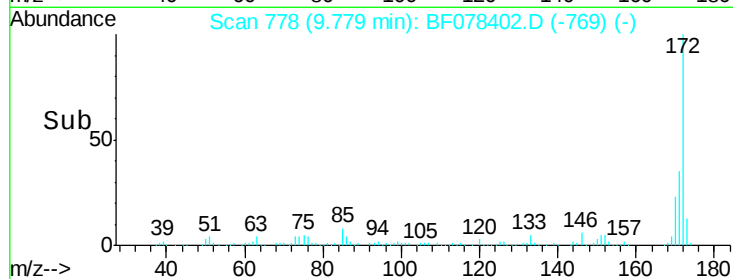
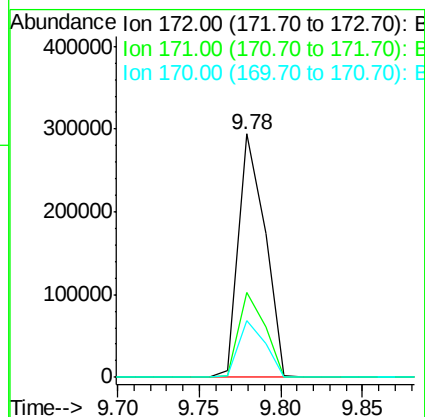
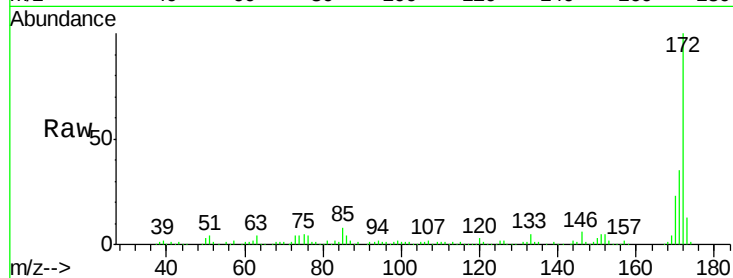




#44
 2-Fluorobiphenyl
 Concen: 86.50 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

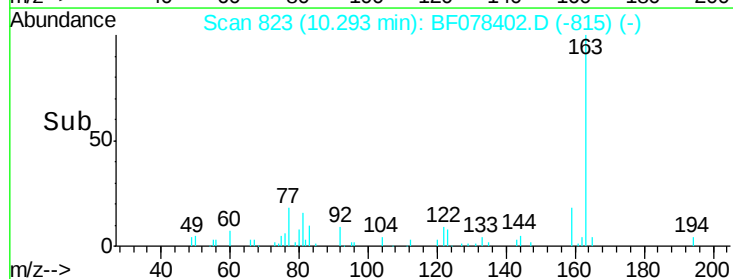
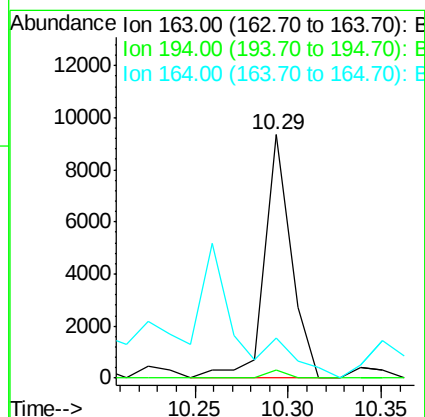
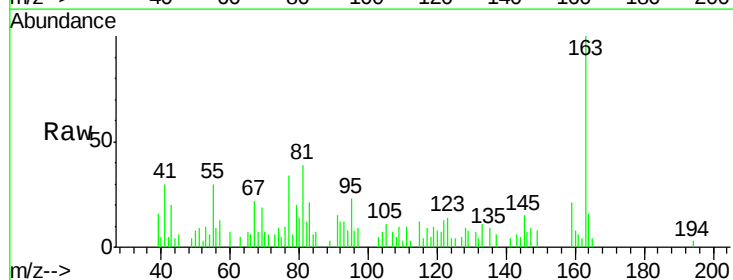
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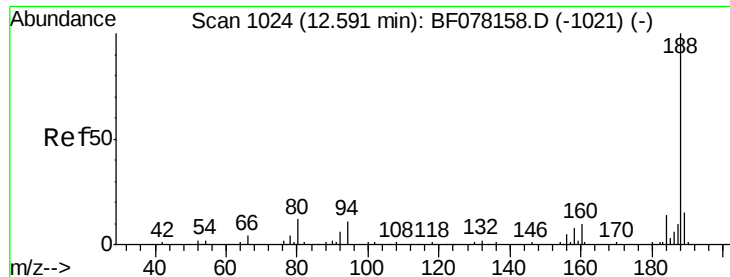
Tgt Ion:172 Resp: 328790
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.2 18.5 27.7



#49
 Dimethylphthalate
 Concen: 2.25 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

Tgt Ion:163 Resp: 9171
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.3 3.5
 164 16.2 8.6 13.0#

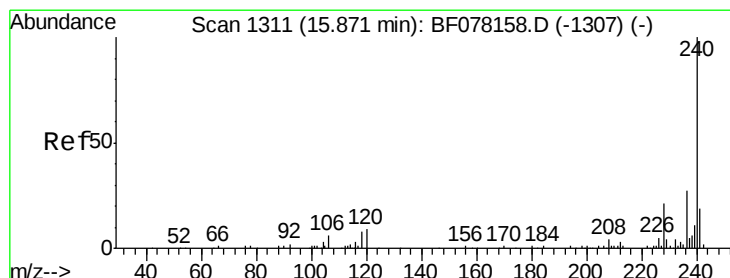
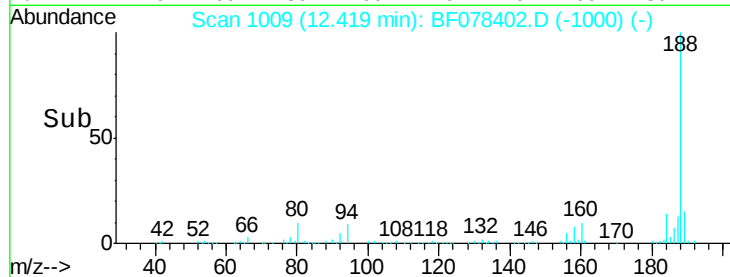
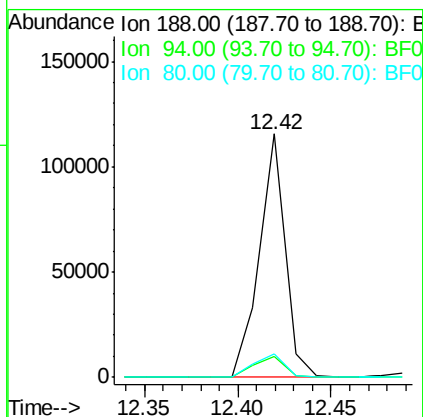
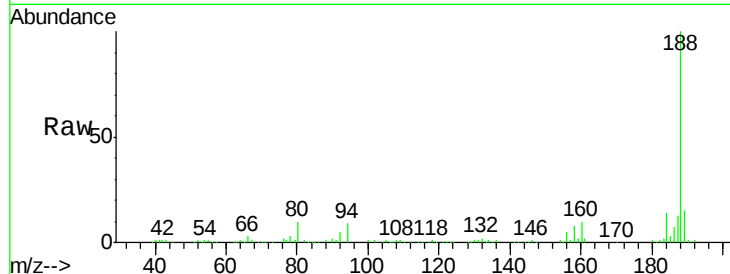




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

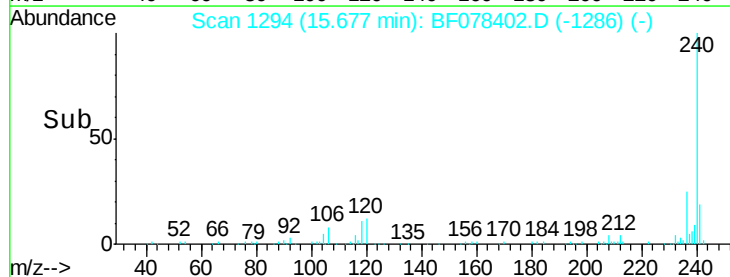
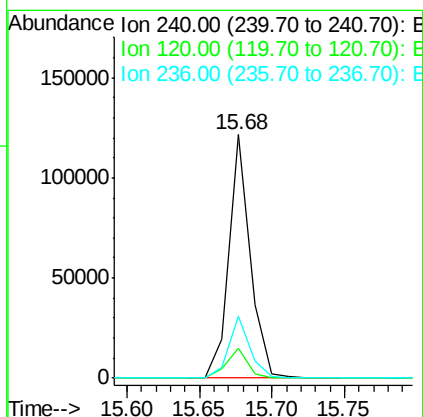
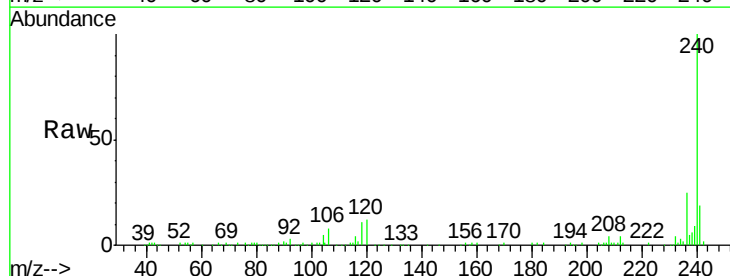
Instrument :
BNA_F
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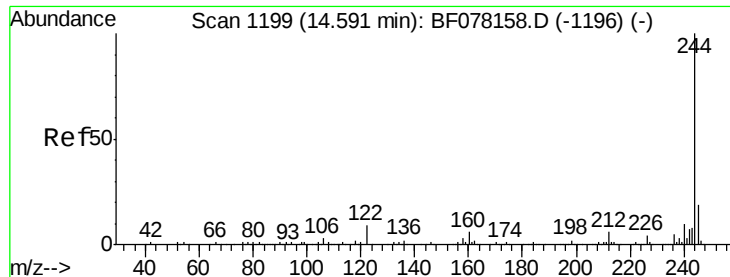
Tgt Ion:188 Resp: 109869
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 9.6 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

Tgt Ion:240 Resp: 124769
Ion Ratio Lower Upper
240 100
120 12.0 7.1 10.7#
236 25.4 21.4 32.2





#78

Terphenyl-d14

Concen: 70.61 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

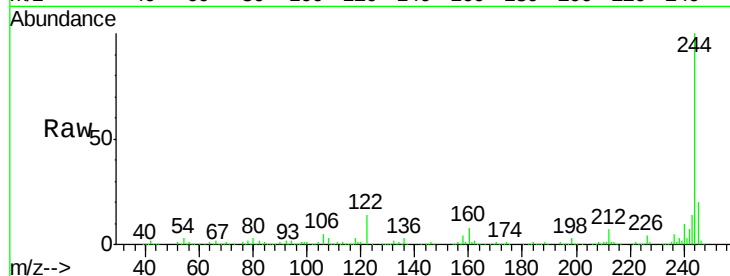
Tgt Ion:244 Resp: 389896

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

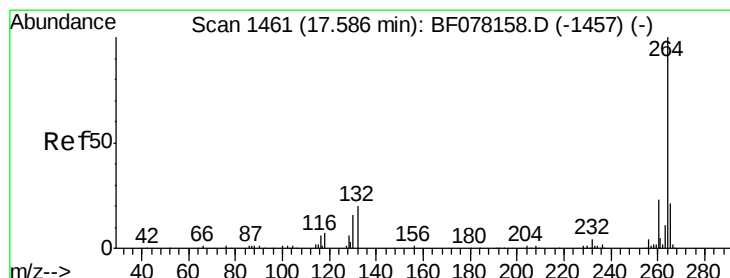
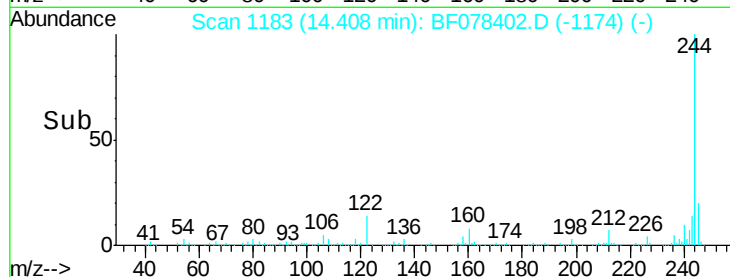
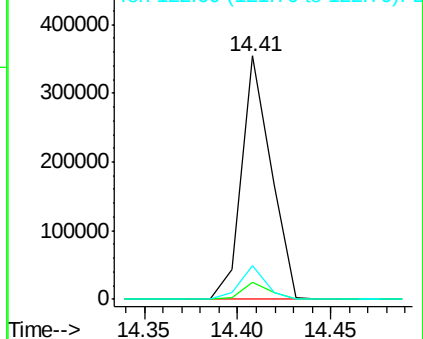
122 14.0 7.1 10.7#



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: 17.38 min Scan# 1443

Delta R.T. -0.07 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

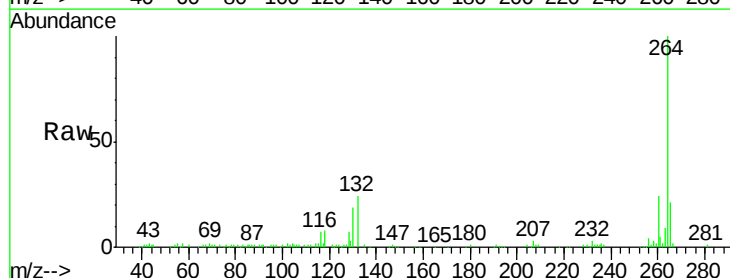
Tgt Ion:264 Resp: 125575

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.1 17.0 25.6



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

