

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077771.D
 Acq On : 17 Mar 2015 14:40
 Operator : TP/IZ
 Sample : G1533-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08ARE

Quant Time: Mar 18 00:04:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

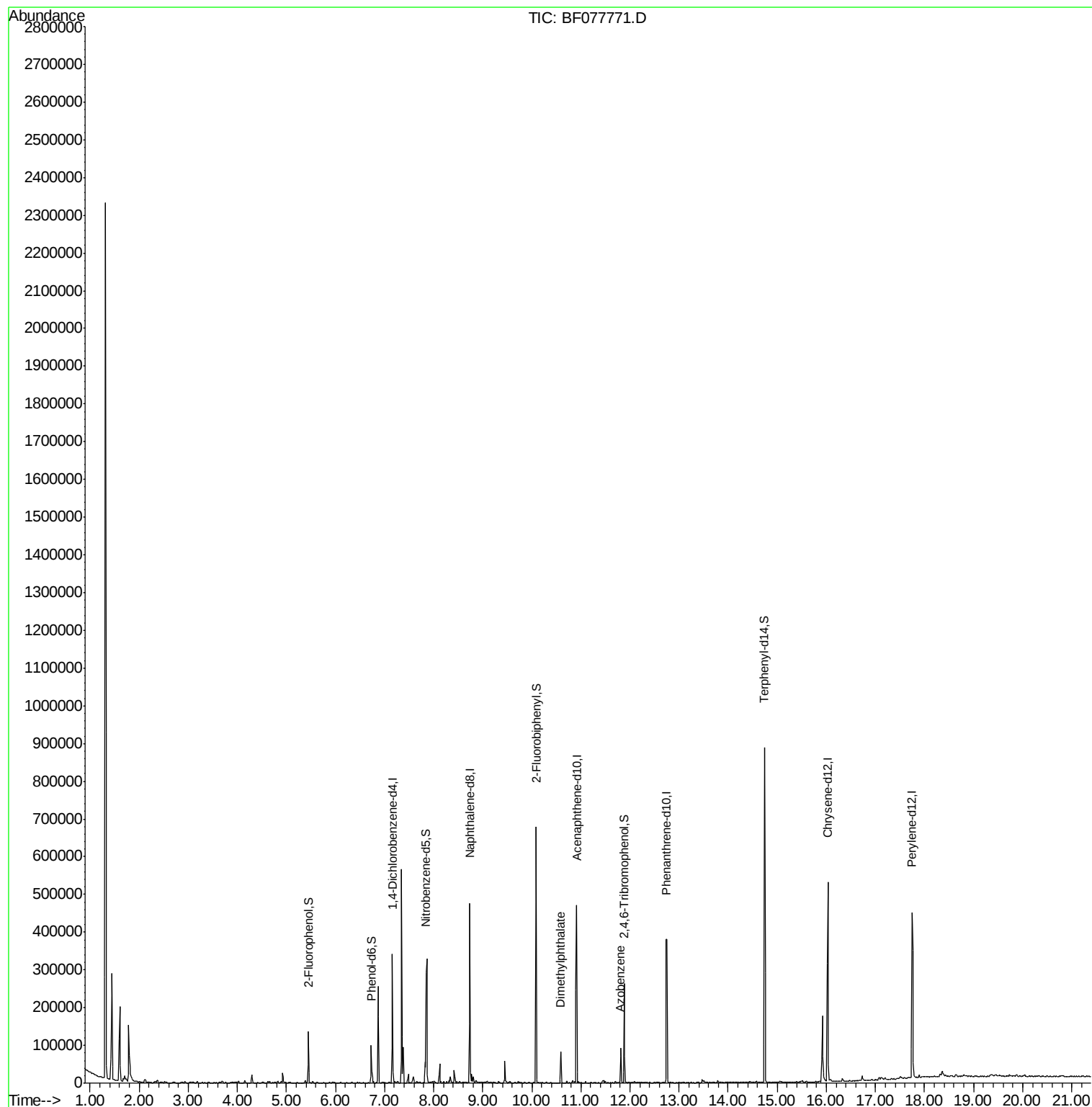
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	56064	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	219208	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	111881	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	223369	20.00	ng	0.00
75) Chrysene-d12	16.03	240	239954	20.00	ng	0.00
86) Perylene-d12	17.75	264	231670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	46488	14.47	ng	0.00
7) Phenol-d6	6.73	99	35631	8.98	ng	0.00
23) Nitrobenzene-d5	7.85	82	129137	38.62	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	30842	28.81	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	290094	38.11	ng	0.00
78) Terphenyl-d14	14.74	244	320645	32.64	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.59	163	33350	4.02	ng	99
62) Azobenzene	11.80	77	23837	3.08	ng	# 5
76) Benzidine	14.44	184	2614	Below Cal	#	68

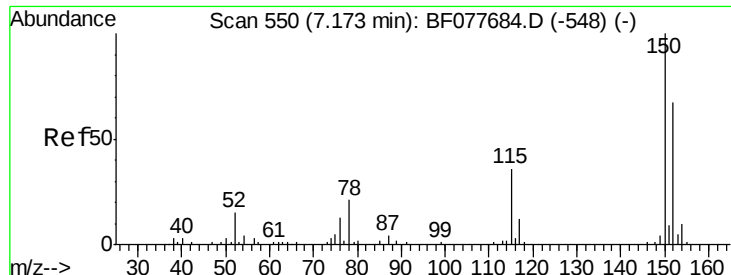
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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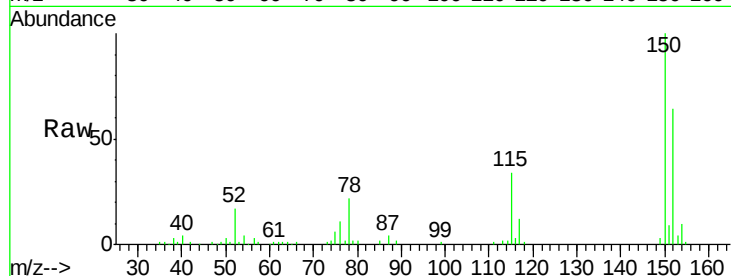


#1

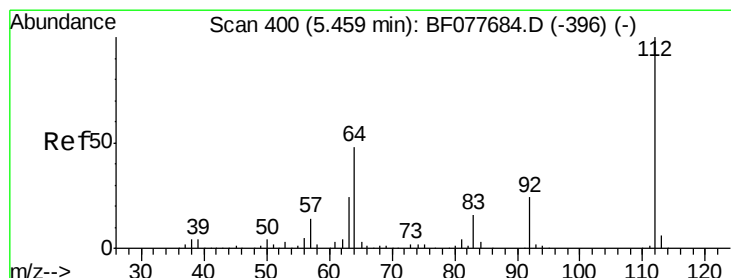
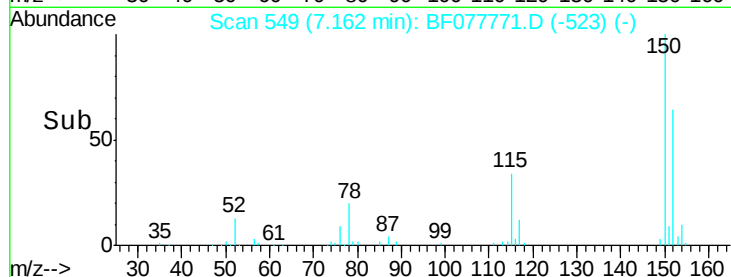
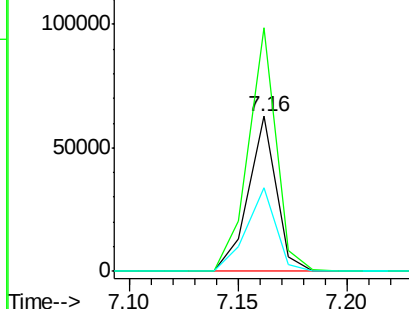
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077771.D
Acq: 17 Mar 2015 14:40

Instrument :
BNA_F
ClientSampleId :
FYMW-08ARE

Tgt Ion:152 Resp: 56064
Ion Ratio Lower Upper
152 100
150 157.3 119.5 179.3
115 54.1 43.0 64.4



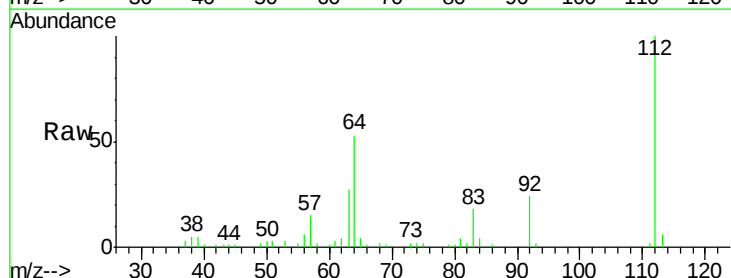
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



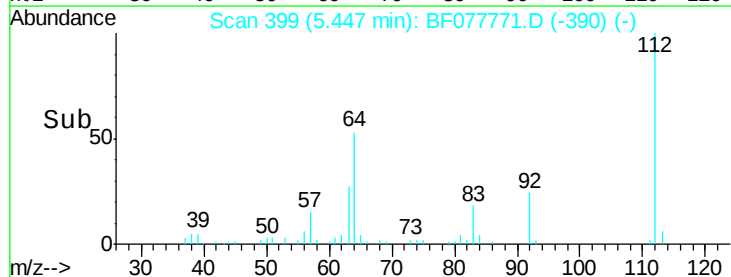
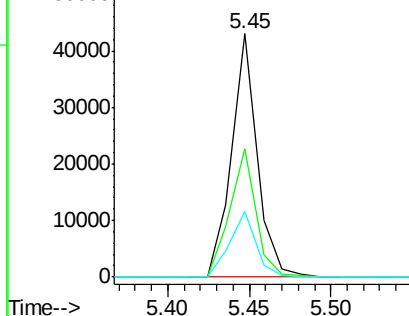
#5

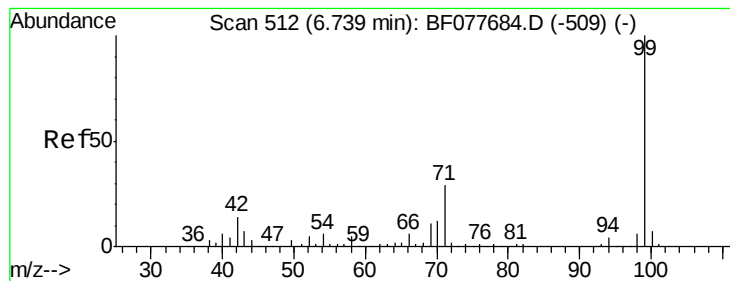
2-Fluorophenol
Concen: 14.47 ng
RT: 5.45 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF077771.D
Acq: 17 Mar 2015 14:40

Tgt Ion:112 Resp: 46488
Ion Ratio Lower Upper
112 100
64 52.8 38.6 57.8
63 26.8 19.3 28.9



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: 8.98 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

Instrument :

BNA_F

ClientSampleId :

FYMW-08ARE

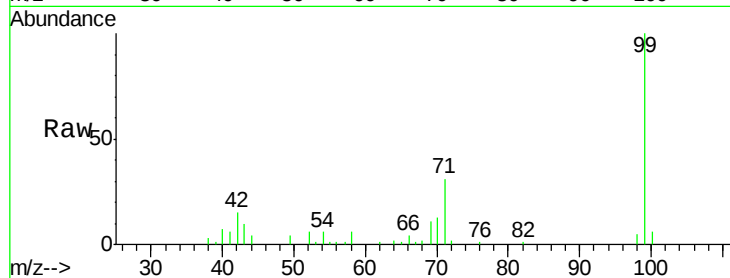
Tgt Ion: 99 Resp: 35631

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

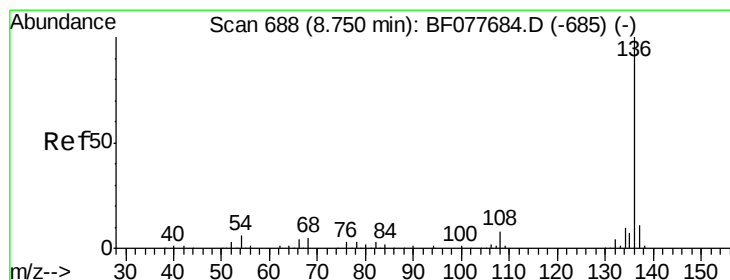
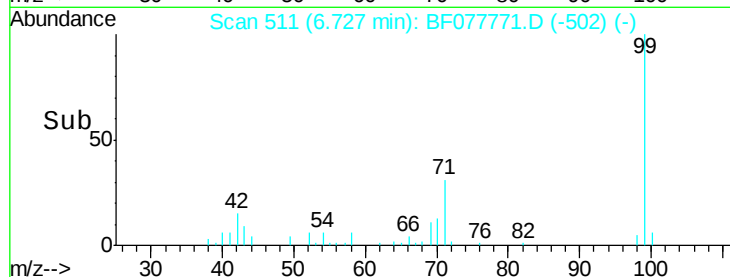
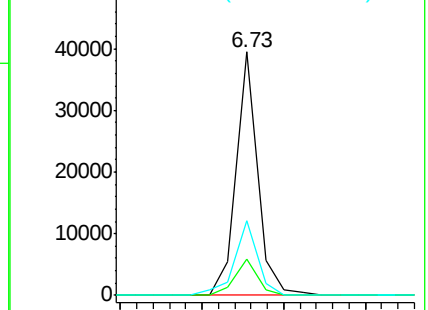
71 30.6 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

Tgt Ion: 136 Resp: 219208

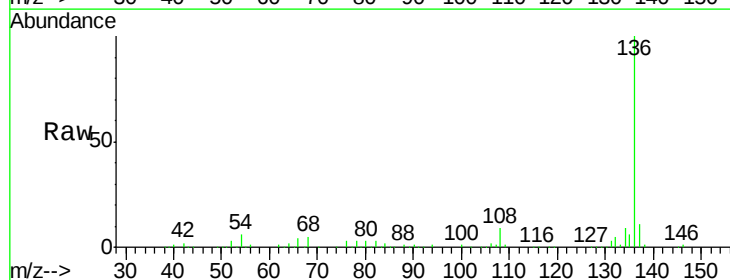
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 4.6 6.8

68 5.1 3.7 5.5

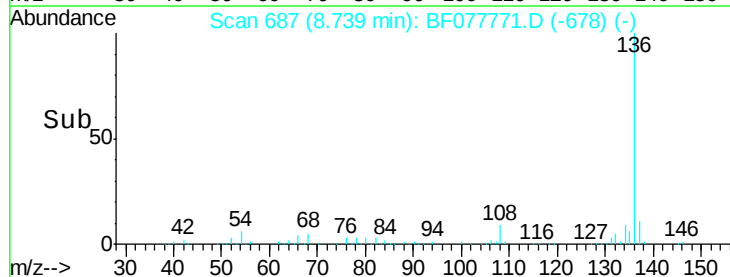
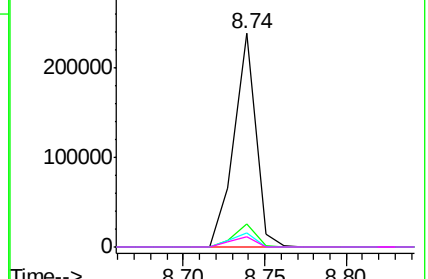


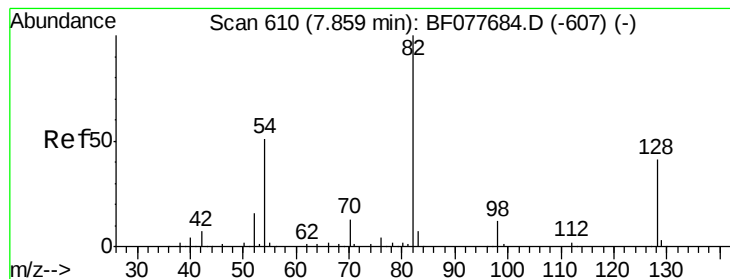
Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.62 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

Instrument :

BNA_F

ClientSampleId :

FYMW-08ARE

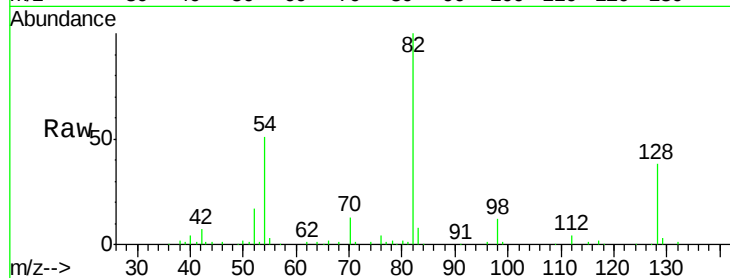
Tgt Ion: 82 Resp: 129137

Ion Ratio Lower Upper

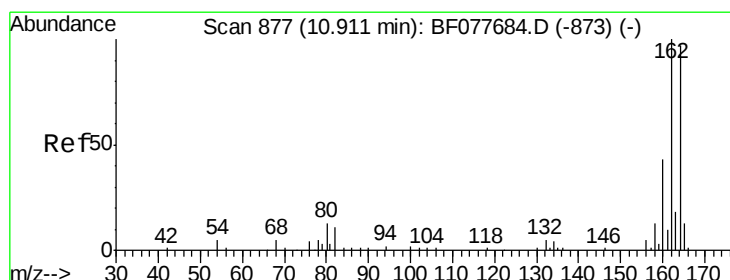
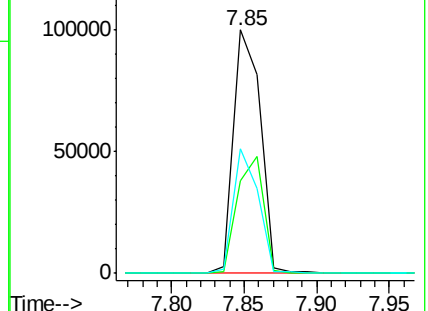
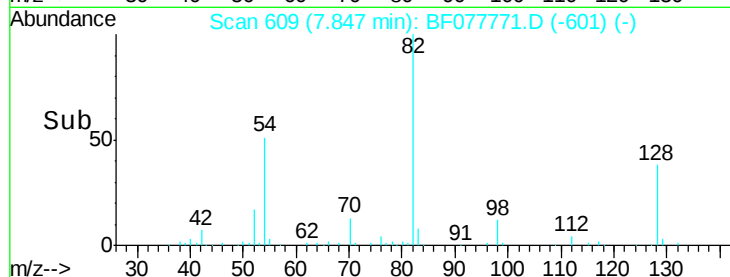
82 100

128 37.8 32.8 49.2

54 51.2 40.6 60.8



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: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

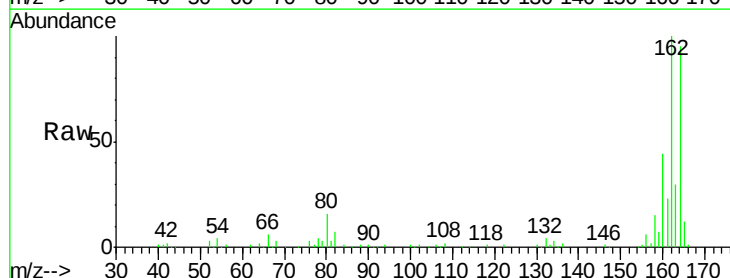
Tgt Ion: 164 Resp: 111881

Ion Ratio Lower Upper

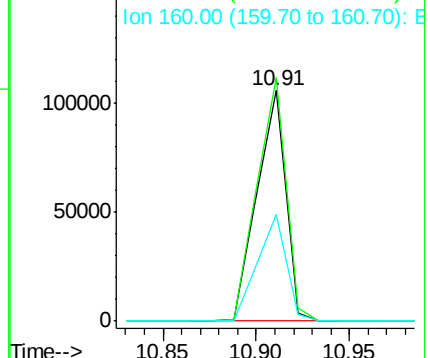
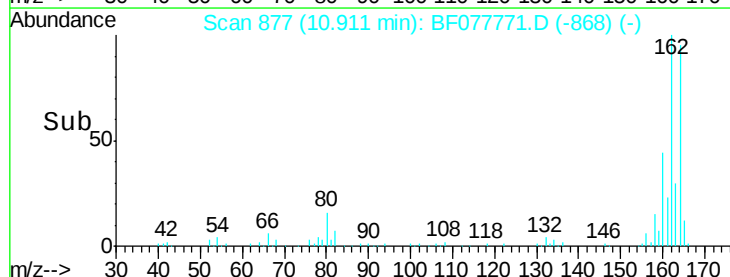
164 100

162 105.7 82.4 123.6

160 46.2 35.8 53.6



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

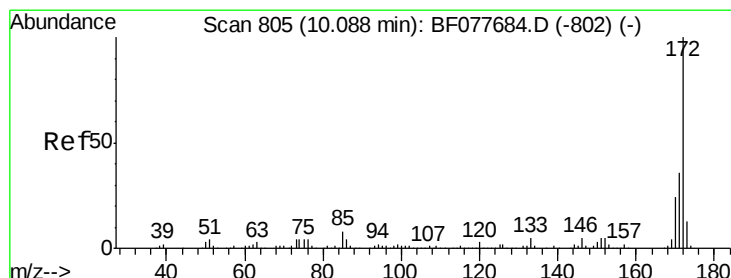
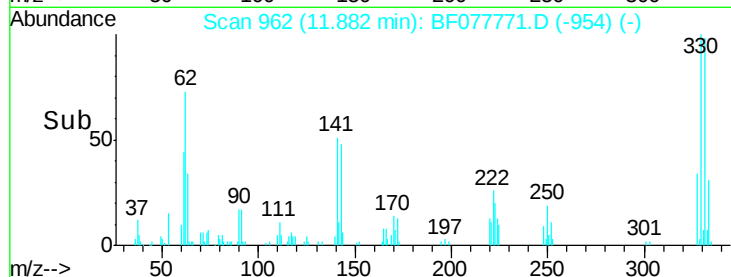
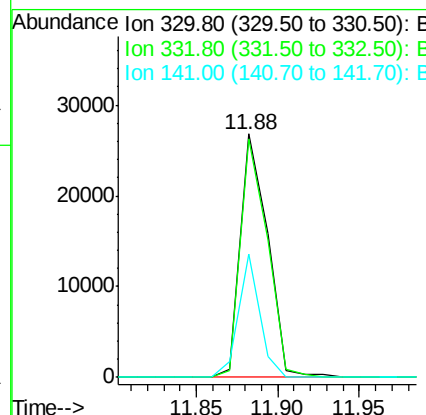
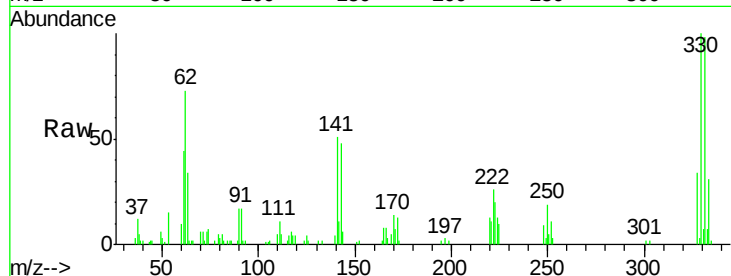




#41
 2,4,6-Tribromophenol
 Concen: 28.81 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077771.D
 Acq: 17 Mar 2015 14:40

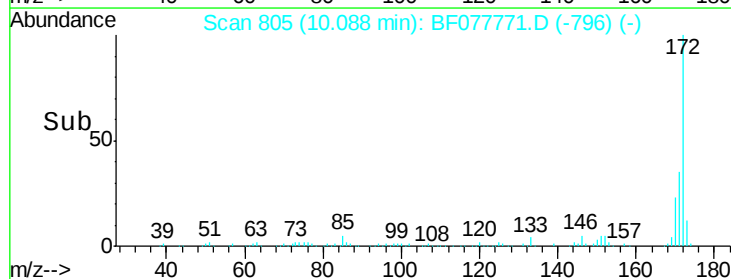
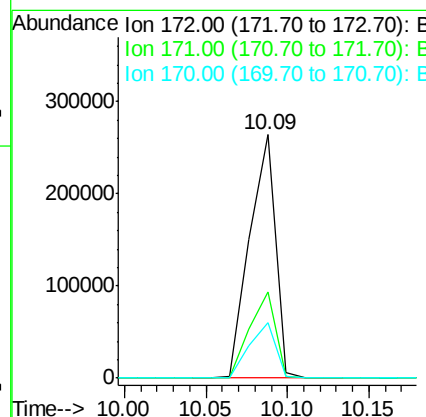
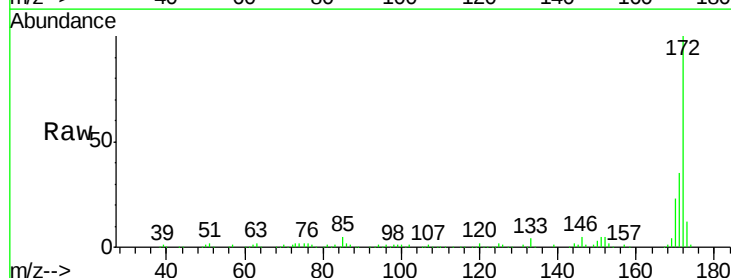
Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08ARE

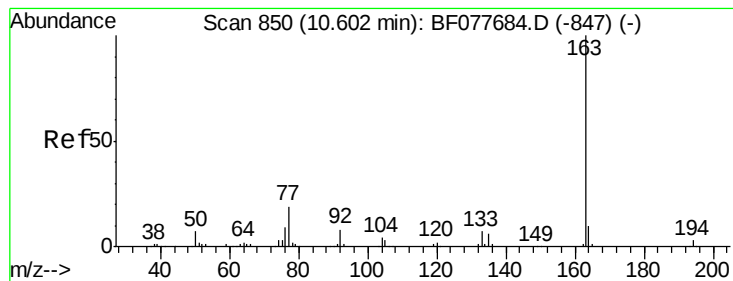
Tgt Ion:330 Resp: 30842
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 39.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 38.11 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077771.D
 Acq: 17 Mar 2015 14:40

Tgt Ion:172 Resp: 290094
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.0 18.8 28.2





#49

Dimethylphthalate

Concen: 4.02 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

Instrument :

BNA_F

ClientSampleId :

FYMW-08ARE

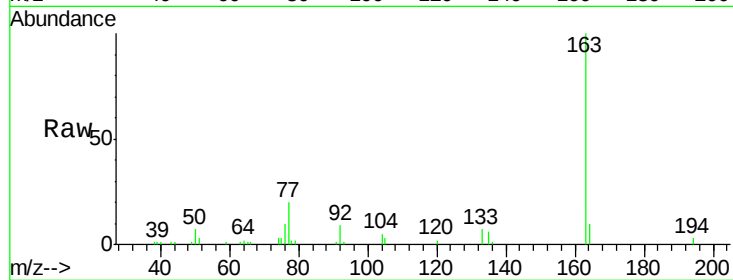
Tgt Ion: 163 Resp: 33350

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

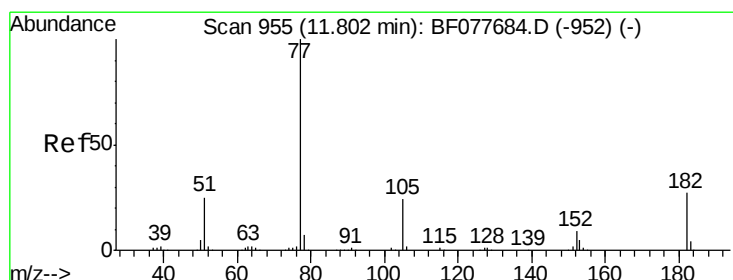
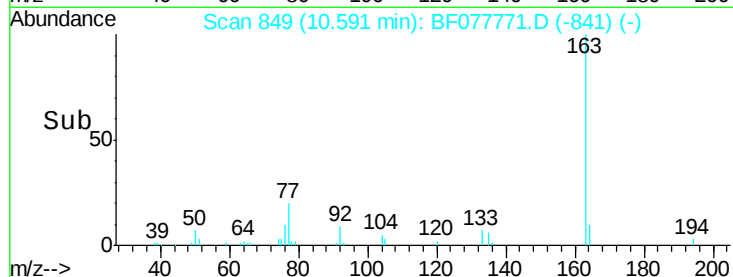
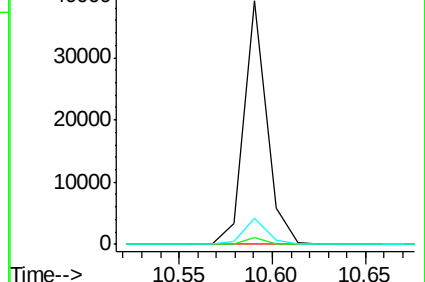
164 10.5 8.2 12.2



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



#62

Azobenzene

Concen: 3.08 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

Tgt Ion: 77 Resp: 23837

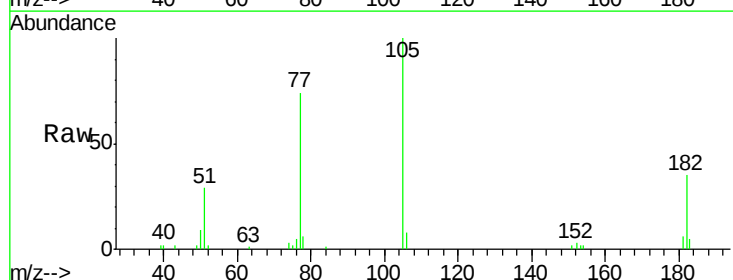
Ion Ratio Lower Upper

77 100

182 47.9 6.5 46.5#

105 135.9 3.8 43.8#

51 39.5 5.5 45.5

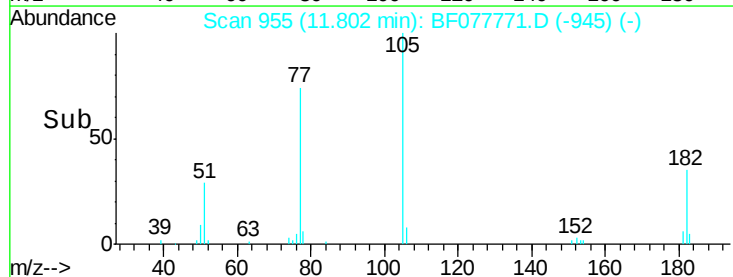
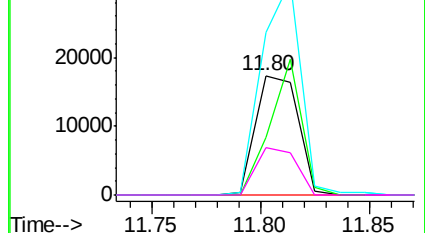


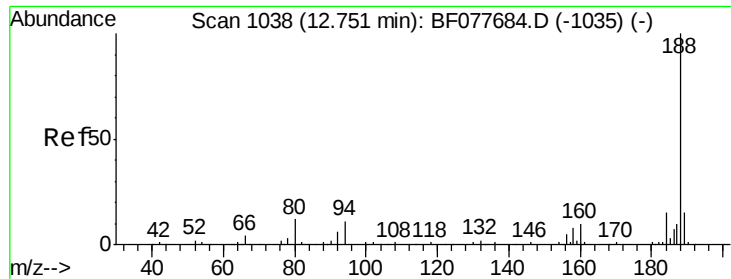
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

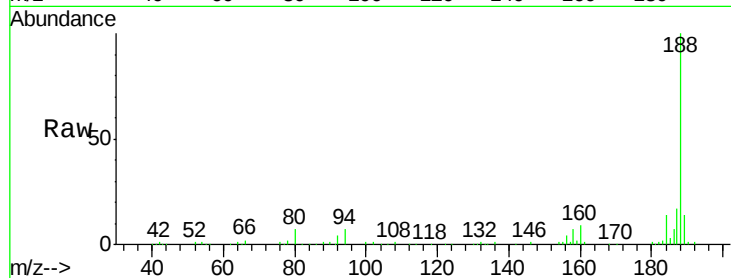




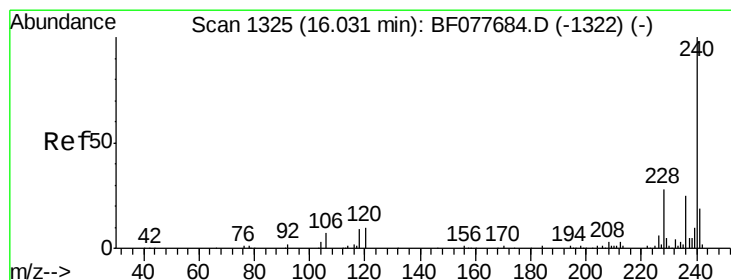
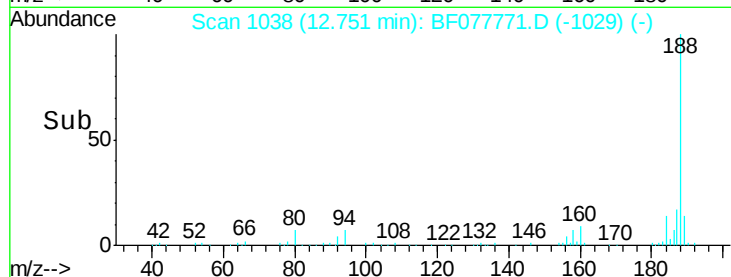
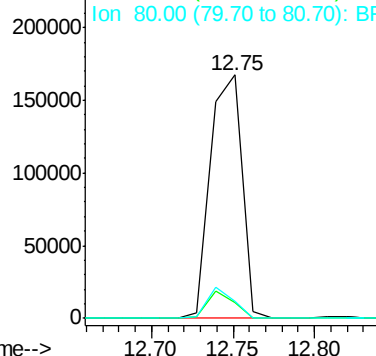
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077771.D
Acq: 17 Mar 2015 14:40

Instrument :
BNA_F
ClientSampleId :
FYMW-08ARE

Tgt Ion:188 Resp: 223369
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 6.7 9.3 13.9#

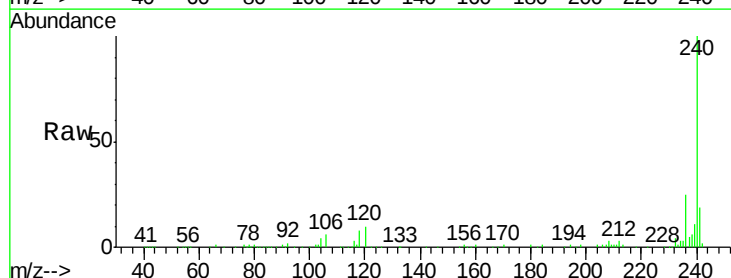


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

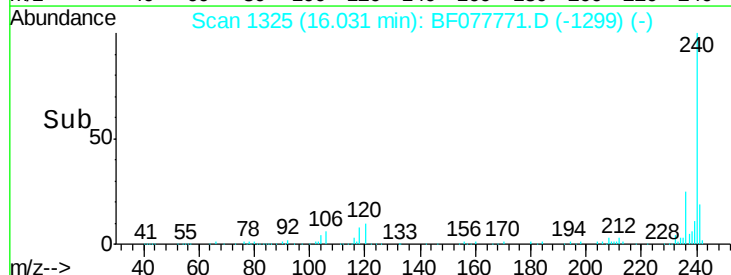
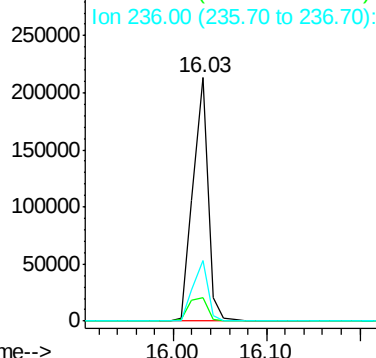


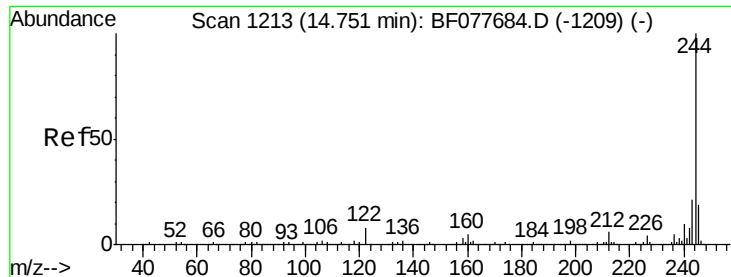
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077771.D
Acq: 17 Mar 2015 14:40

Tgt Ion:240 Resp: 239954
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.8 20.0 30.0



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





#78

Terphenyl-d14

Concen: 32.64 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

Instrument :

BNA_F

ClientSampleId :

FYMW-08ARE

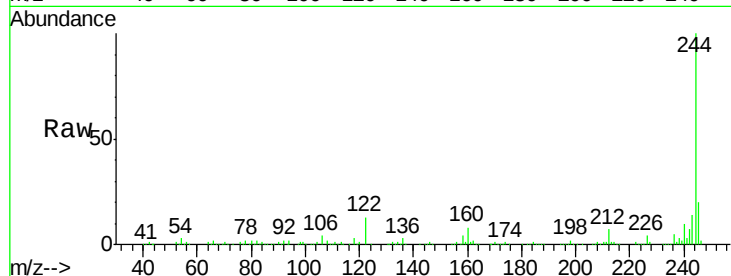
Tgt Ion:244 Resp: 320645

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

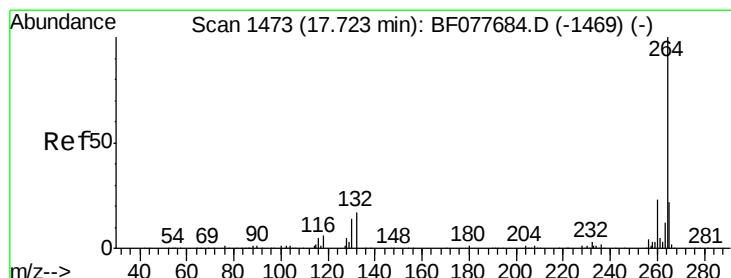
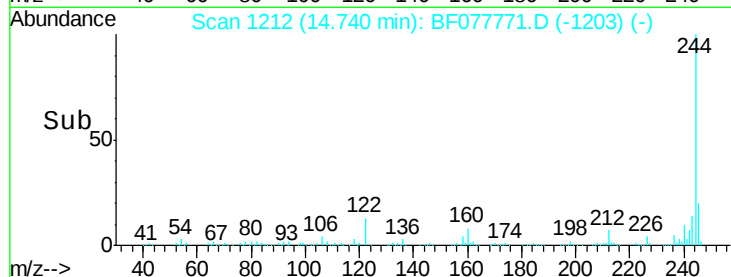
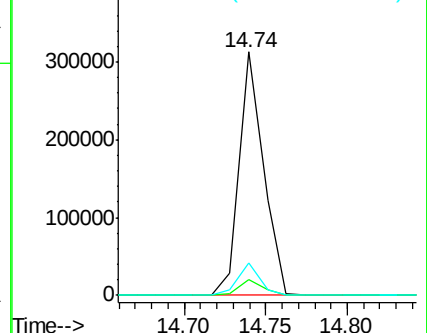
122 13.1 6.2 9.4#



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: 17.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BF077771.D

Acq: 17 Mar 2015 14:40

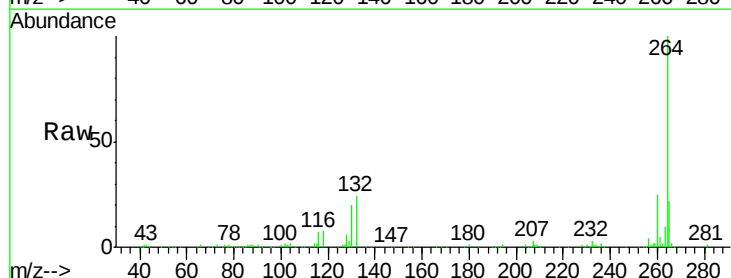
Tgt Ion:264 Resp: 231670

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 22.4 17.3 25.9



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

