

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078489.D
 Acq On : 14 Apr 2015 7:01
 Operator : TP/IZ
 Sample : G1787-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01C

Quant Time: Apr 14 06:51:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 04:24:31 2015
 Response via : Initial Calibration

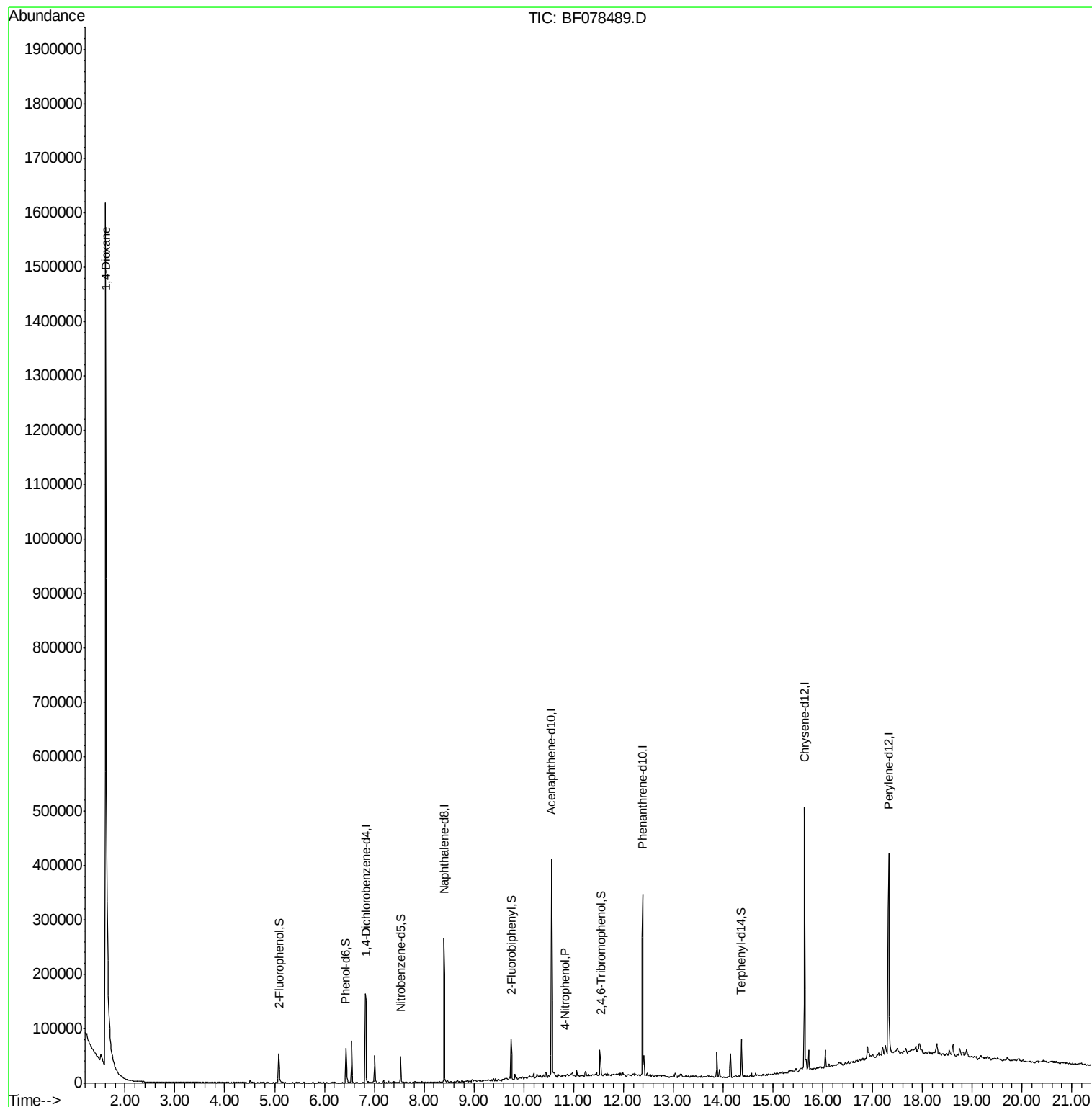
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	38296	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	166584	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	86525	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	173613	20.00	ng	0.00
75) Chrysene-d12	15.63	240	187036	20.00	ng	-0.01
86) Perylene-d12	17.33	264	183574	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	22668	9.76	ng	0.01
7) Phenol-d6	6.43	99	30350	10.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	18202	6.62	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	7067	9.85	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	31615	5.22	ng	-0.01
78) Terphenyl-d14	14.37	244	32268	3.90	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.61	88	69694	66.36	ng	# 26
55) 4-Nitrophenol	10.82	139	330	3.05	ng	# 32

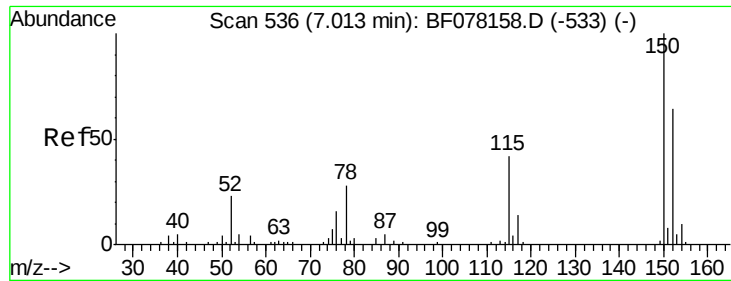
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 14 04:24:31 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

LS-SD01C

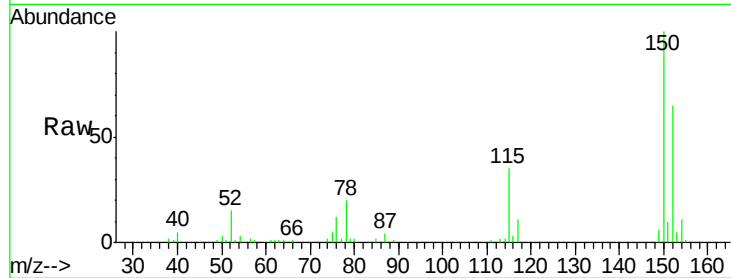
Tgt Ion:152 Resp: 38296

Ion Ratio Lower Upper

152 100

150 154.1 125.9 188.9

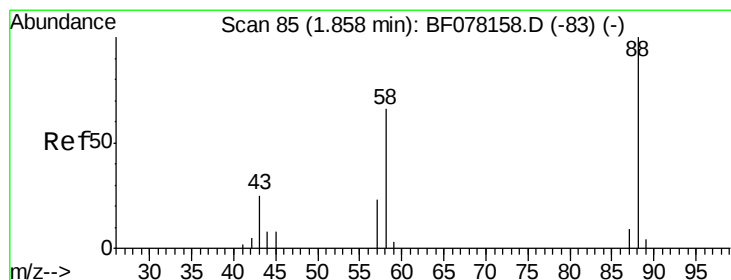
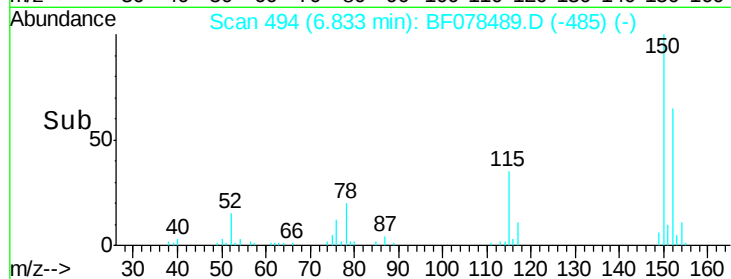
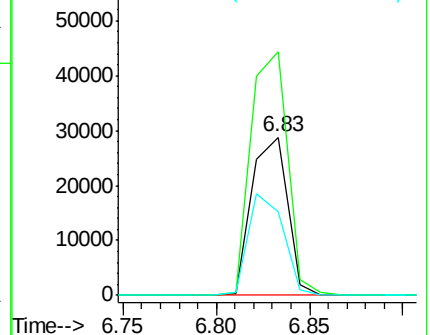
115 53.2 52.7 79.1



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



#2

1,4-Dioxane

Concen: 66.36 ng

RT: 1.61 min Scan# 37

Delta R.T. -0.00 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

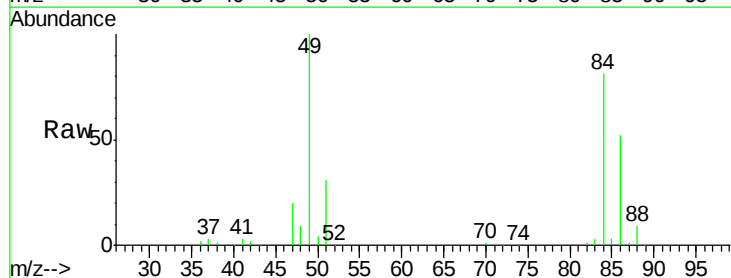
Tgt Ion: 88 Resp: 69694

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

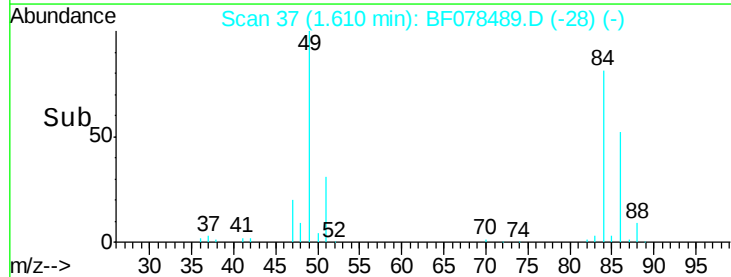
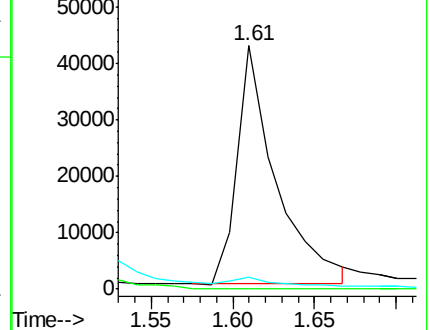
43 4.1 21.4 32.2#

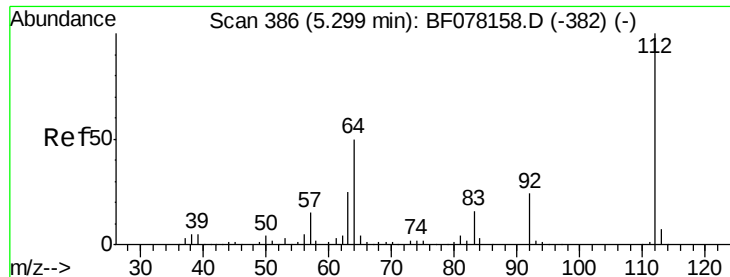


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 9.76 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.01 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

LS-SD01C

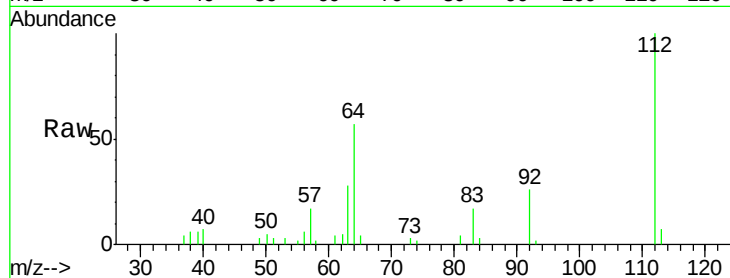
Tgt Ion: 112 Resp: 22668

Ion Ratio Lower Upper

112 100

64 57.2 39.9 59.9

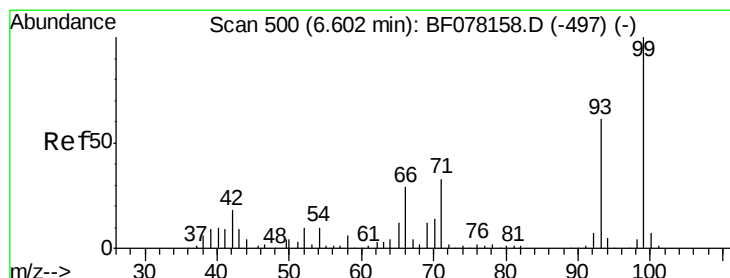
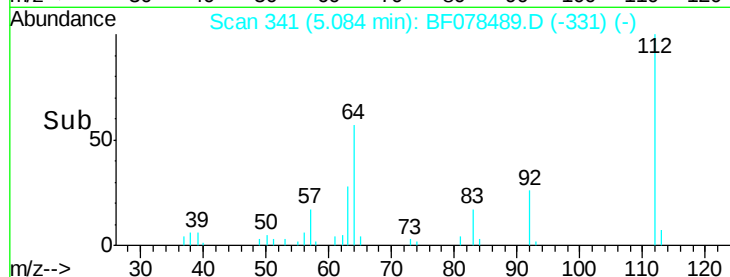
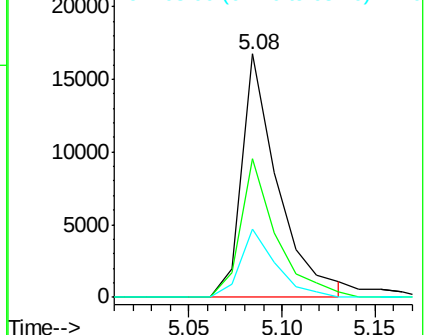
63 28.2 20.2 30.4



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: 10.43 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

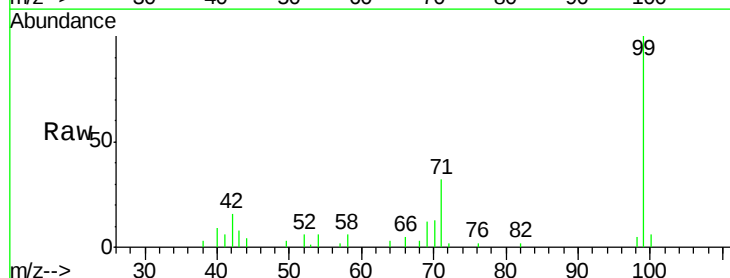
Tgt Ion: 99 Resp: 30350

Ion Ratio Lower Upper

99 100

42 16.0 14.8 22.2

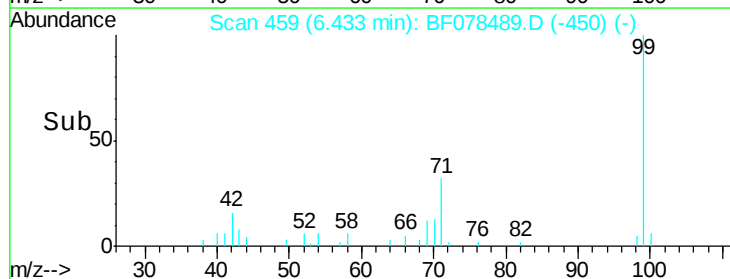
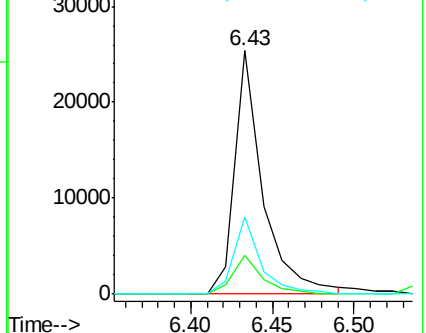
71 31.6 26.6 39.8

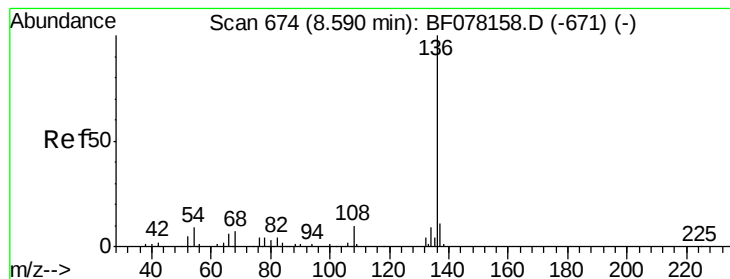


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.40 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

LS-SD01C

Tgt Ion: 136 Resp: 166584

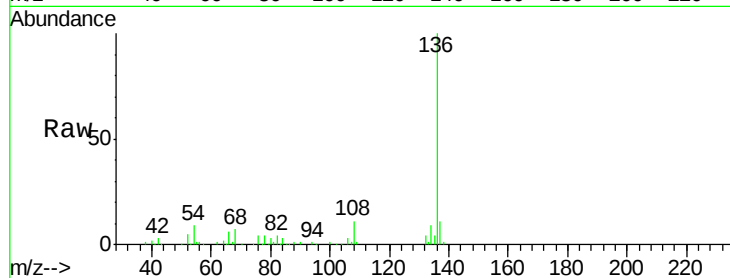
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.1 7.0 10.6

68 7.3 5.4 8.2

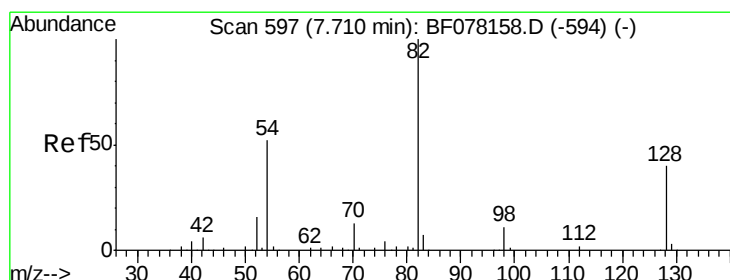
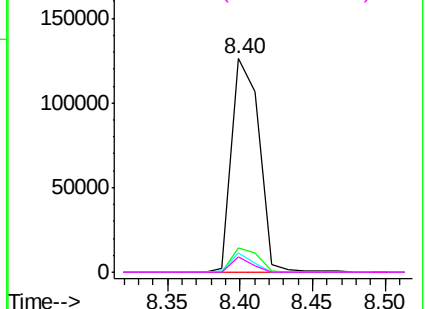
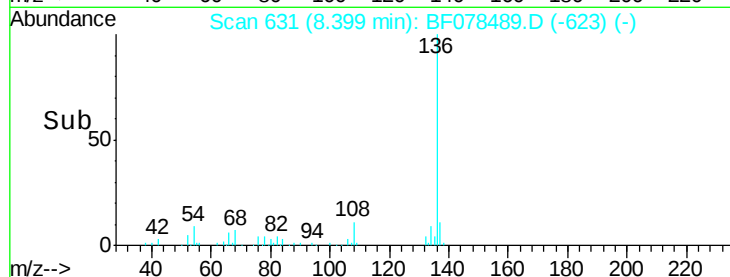


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.62 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

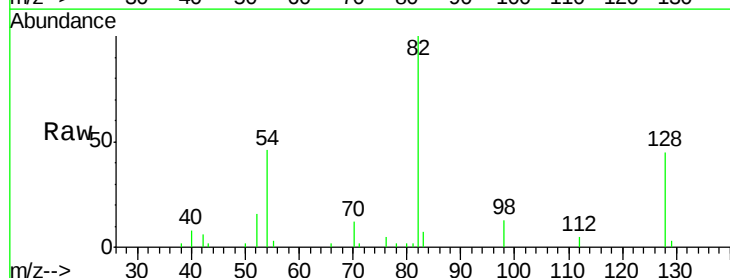
Tgt Ion: 82 Resp: 18202

Ion Ratio Lower Upper

82 100

128 44.8 31.8 47.8

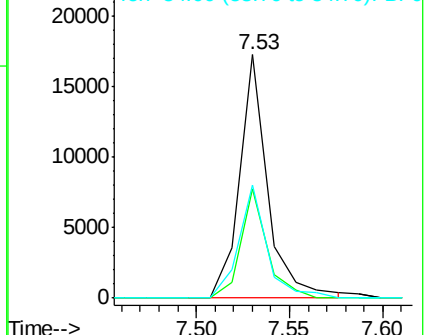
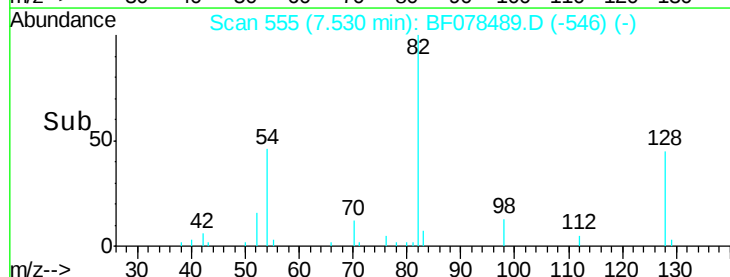
54 46.4 41.5 62.3

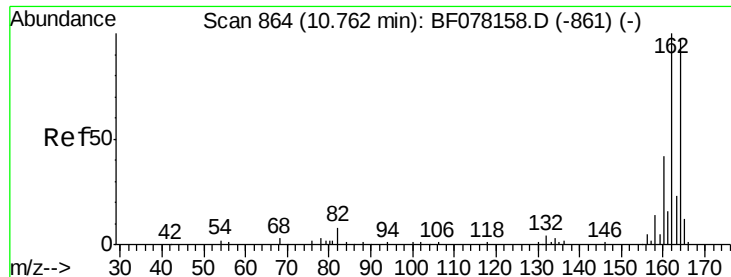


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

LS-SD01C

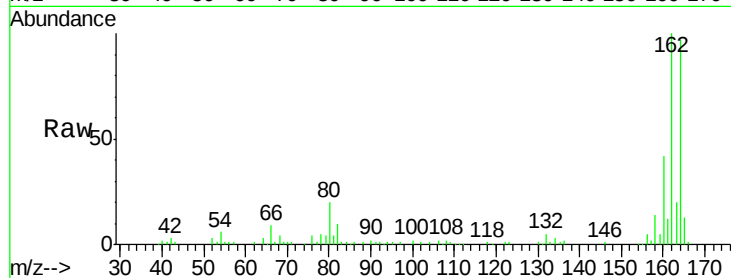
Tgt Ion:164 Resp: 86525

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

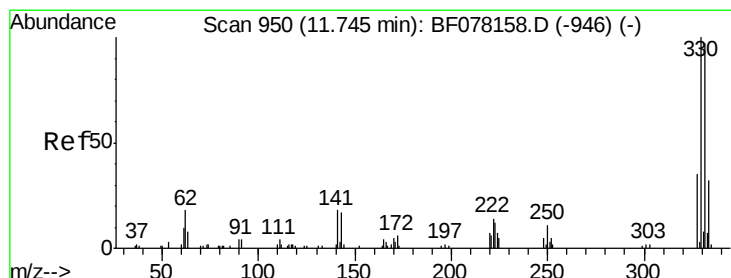
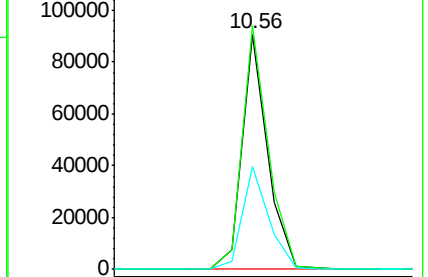
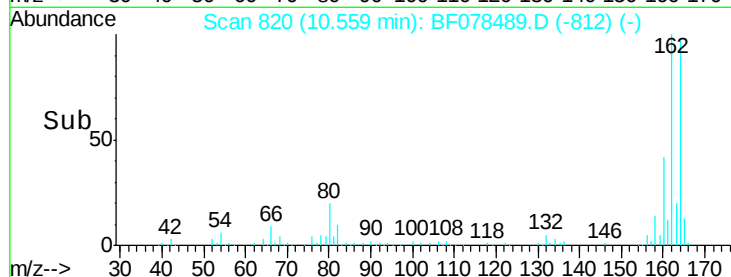
160 43.7 34.7 52.1



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: 9.85 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

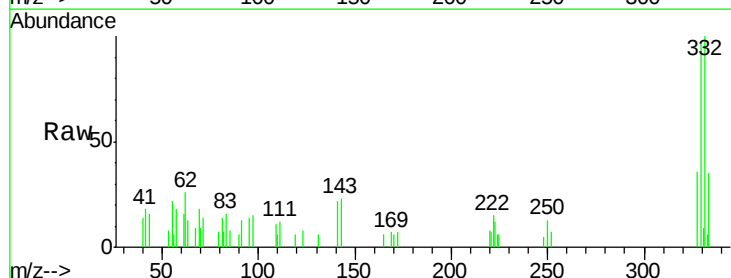
Tgt Ion:330 Resp: 7067

Ion Ratio Lower Upper

330 100

332 96.5 78.6 117.8

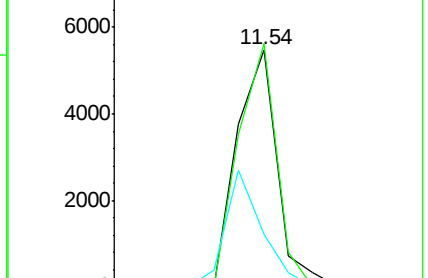
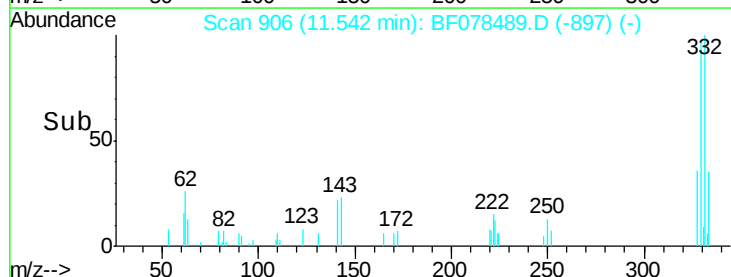
141 45.0 31.2 46.8



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

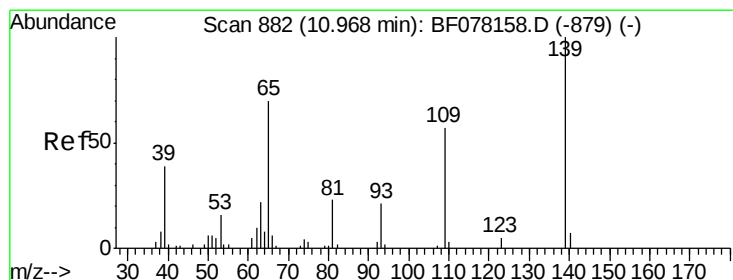
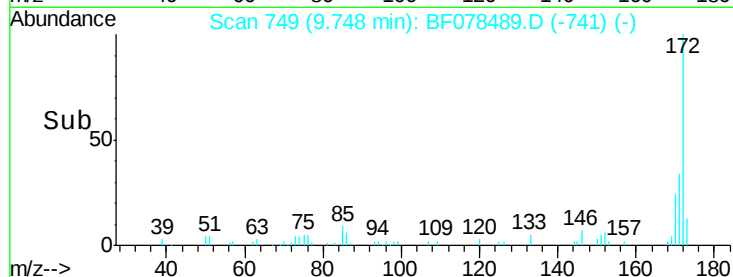
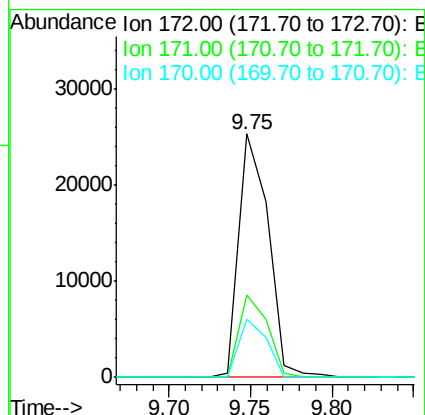
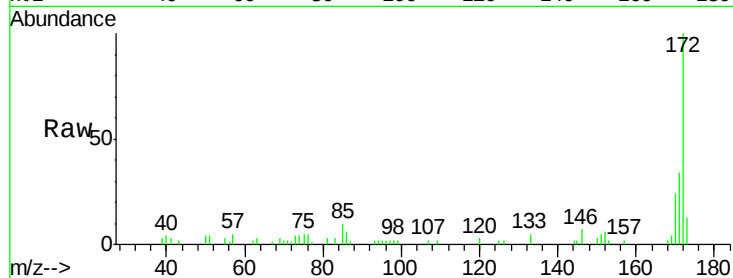




#44
 2-Fluorobiphenyl
 Concen: 5.22 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF078489.D
 Acq: 14 Apr 2015 7:01

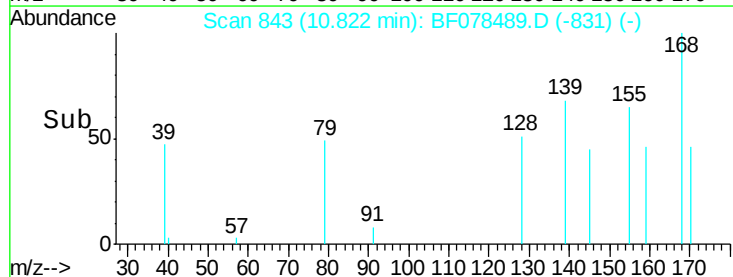
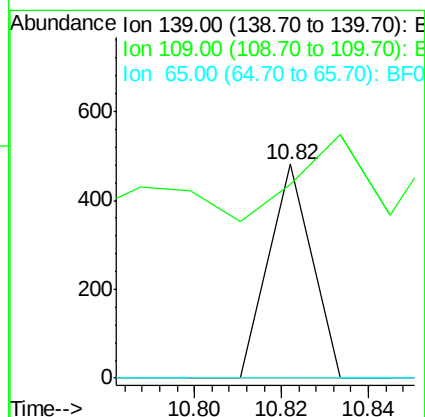
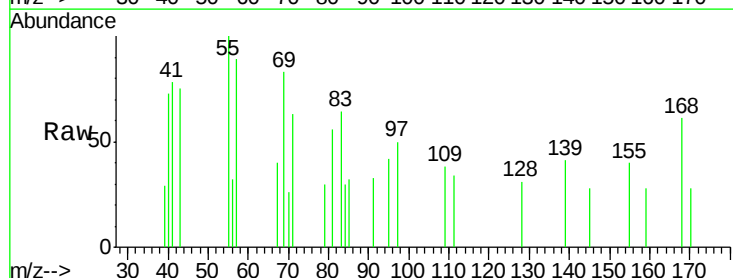
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01C

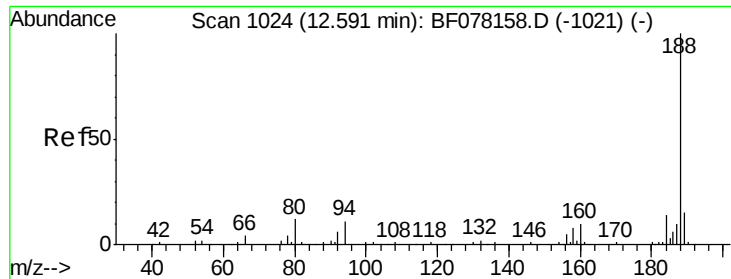
Tgt Ion:172 Resp: 31615
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.6 42.8
 170 23.7 18.5 27.7



#55
 4-Nitrophenol
 Concen: 3.05 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF078489.D
 Acq: 14 Apr 2015 7:01

Tgt Ion:139 Resp: 330
 Ion Ratio Lower Upper
 139 100
 109 90.9 36.7 76.7#
 65 0.0 49.9 89.9#

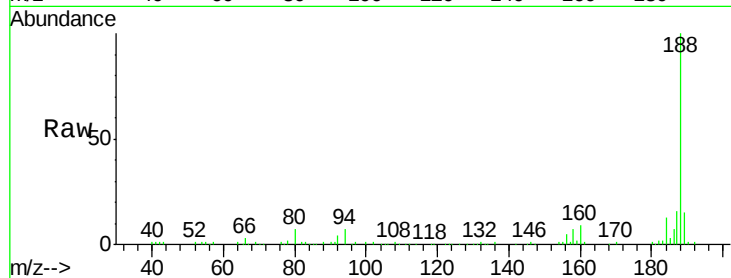




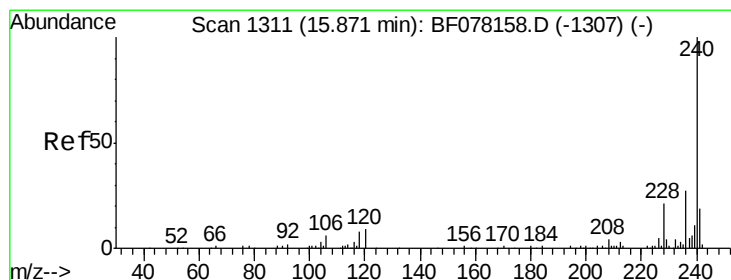
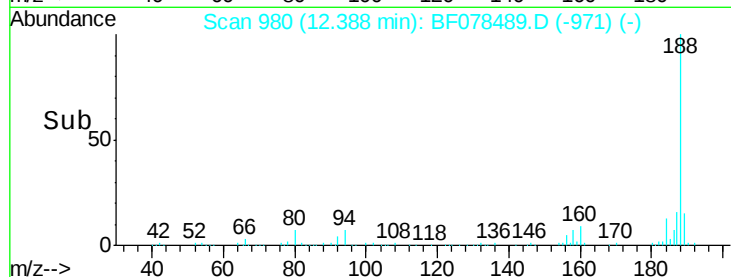
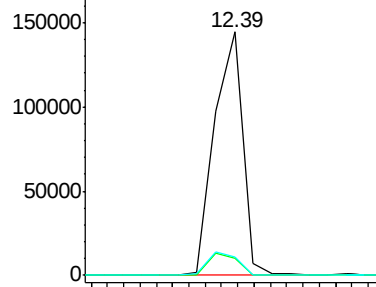
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078489.D
Acq: 14 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
LS-SD01C

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	173613		
94	7.1	9.0	13.4#	
80	7.3	9.5	14.3#	

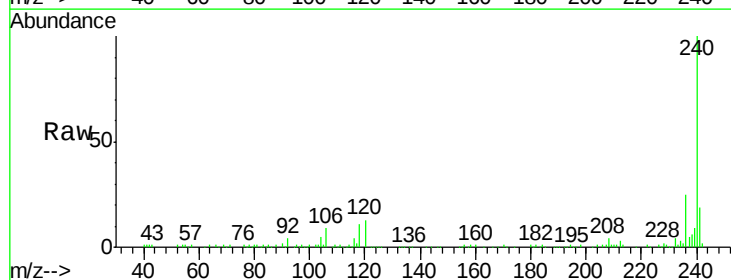


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

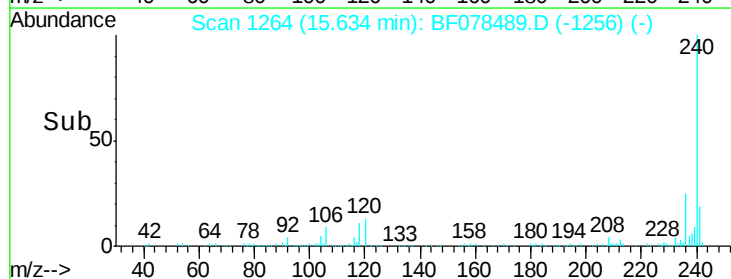
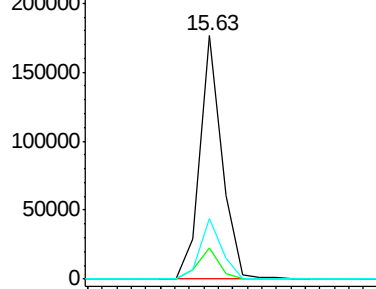


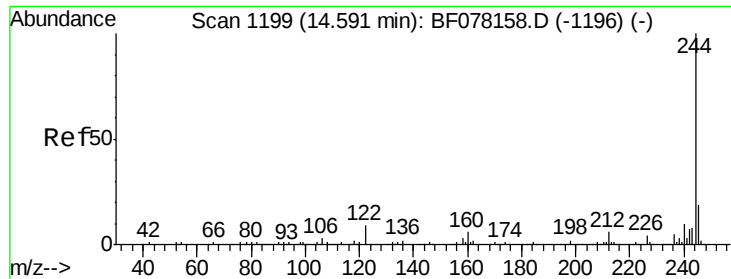
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF078489.D
Acq: 14 Apr 2015 7:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187036		
120	12.6	7.1	10.7#	
236	25.0	21.4	32.2	



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: 3.90 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

LS-SD01C

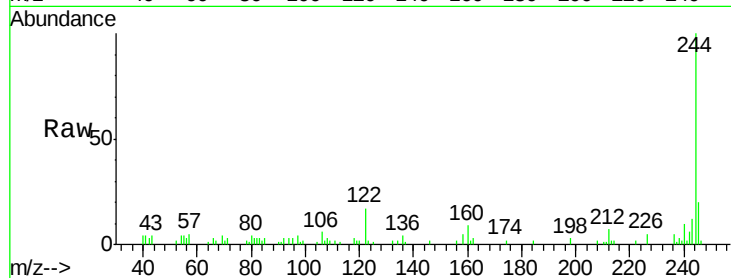
Tgt Ion:244 Resp: 32268

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

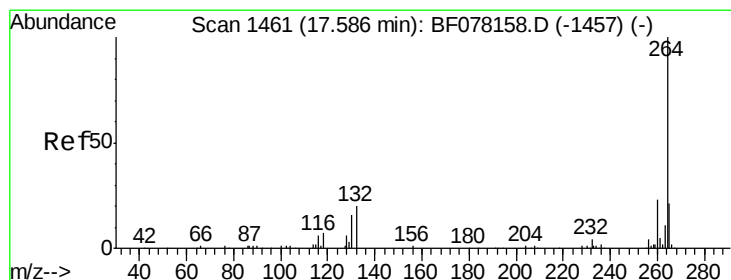
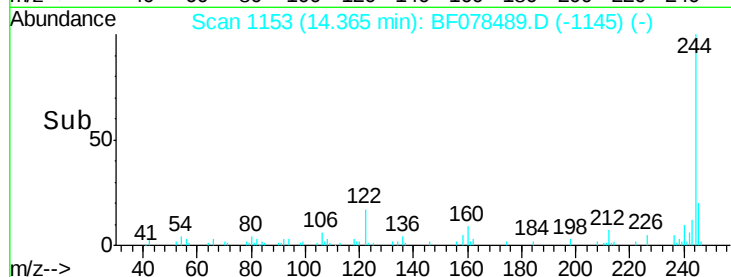
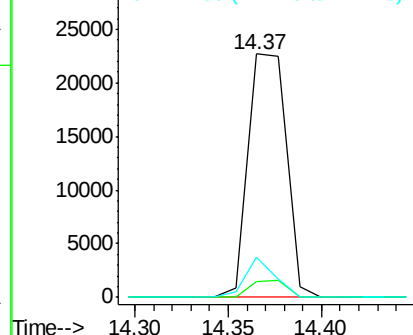
122 16.6 7.1 10.7#



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: 17.33 min Scan# 1412

Delta R.T. 0.03 min

Lab File: BF078489.D

Acq: 14 Apr 2015 7:01

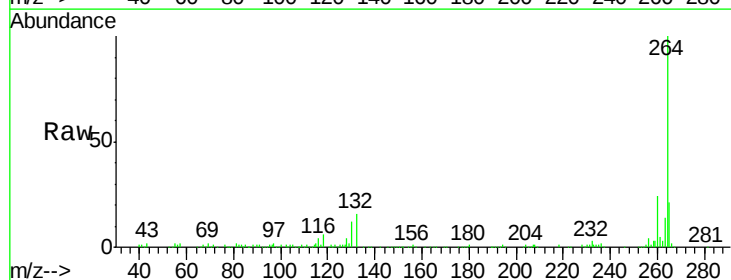
Tgt Ion:264 Resp: 183574

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.0 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

