

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078415.D
 Acq On : 10 Apr 2015 22:46
 Operator : TP/IZ
 Sample : G1744-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1A

Quant Time: Apr 11 00:54:20 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

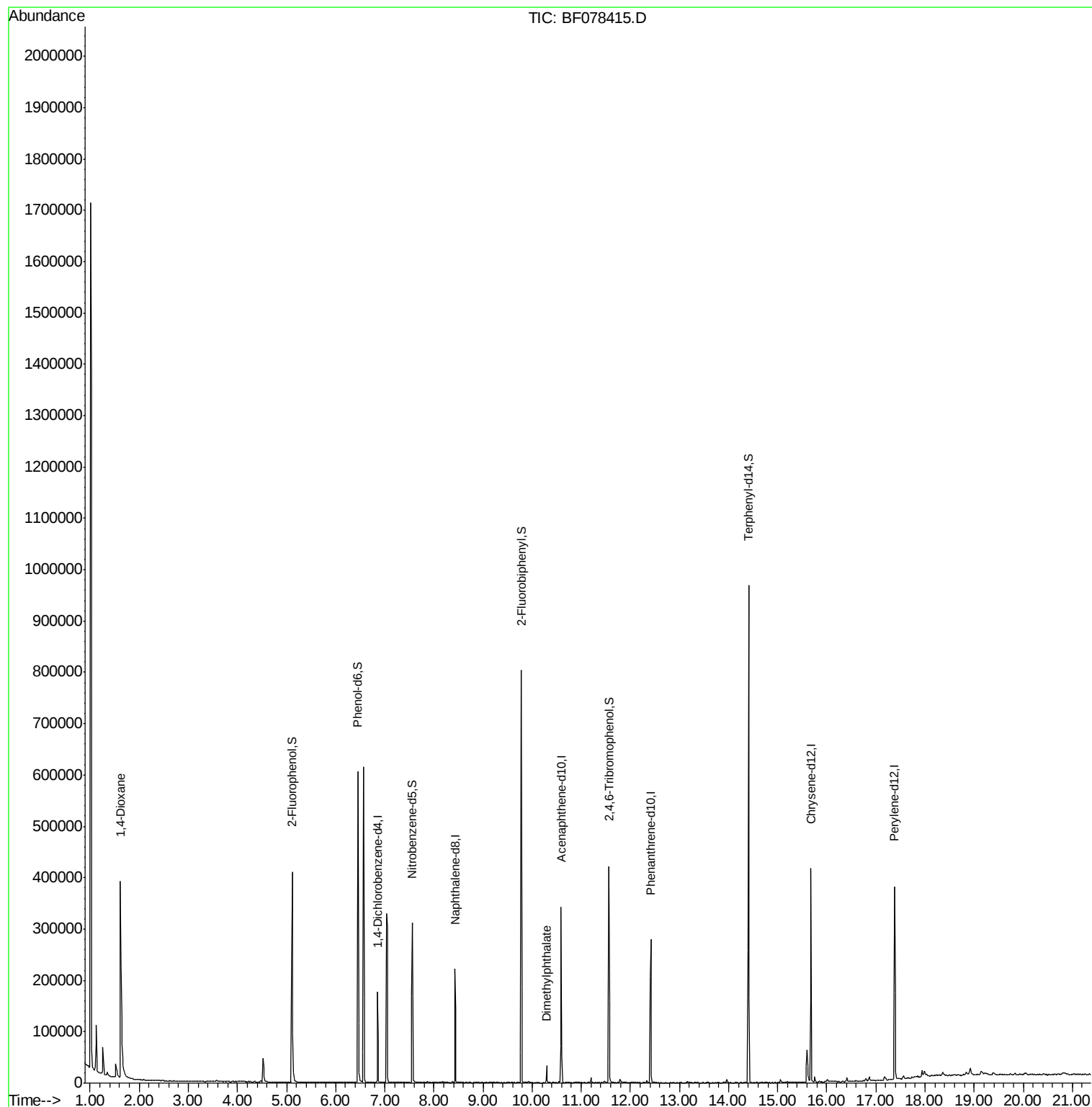
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	32155	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	132894	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	69805	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	146210	20.00	ng	0.00
75) Chrysene-d12	15.68	240	169214	20.00	ng	-0.01
86) Perylene-d12	17.38	264	166208	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	162498	83.32	ng	0.00
7) Phenol-d6	6.45	99	211707	86.62	ng	-0.01
23) Nitrobenzene-d5	7.56	82	122079	55.68	ng	0.00
41) 2,4,6-Tribromophenol	11.56	330	54088	93.43	ng	-0.01
44) 2-Fluorobiphenyl	9.78	172	263084	53.87	ng	0.00
78) Terphenyl-d14	14.41	244	347935	46.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	16210	18.38	ng	# 23
49) Dimethylphthalate	10.29	163	15204	2.90	ng	# 98

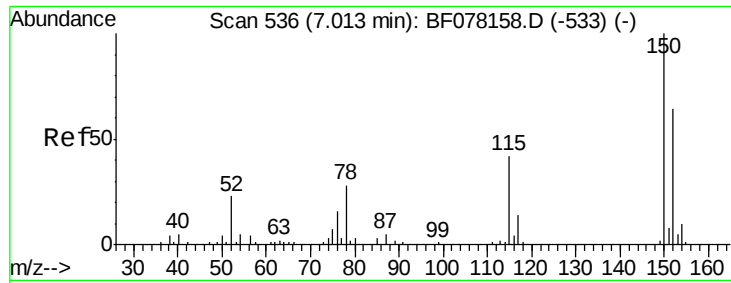
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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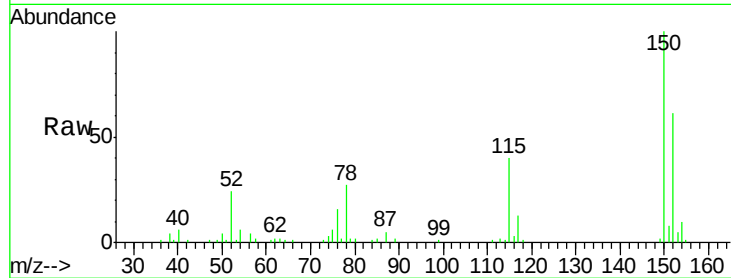


#1

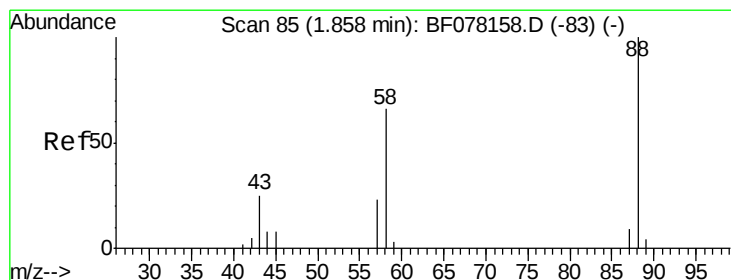
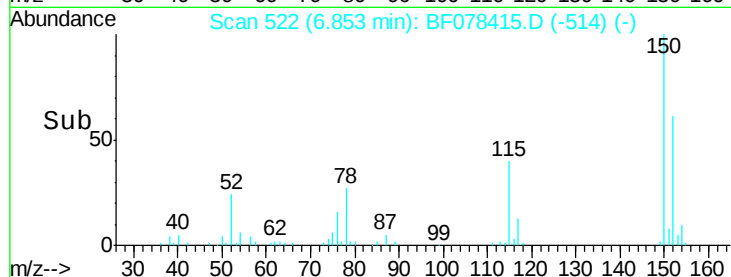
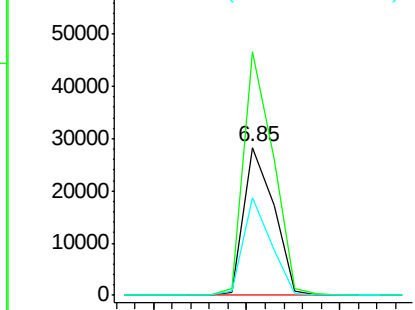
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF078415.D
Acq: 10 Apr 2015 22:46

Instrument :
BNA_F
ClientSampleId :
OS-1A

Tgt Ion: 152 Resp: 32155
Ion Ratio Lower Upper
152 100
150 164.3 125.9 188.9
115 65.7 52.7 79.1



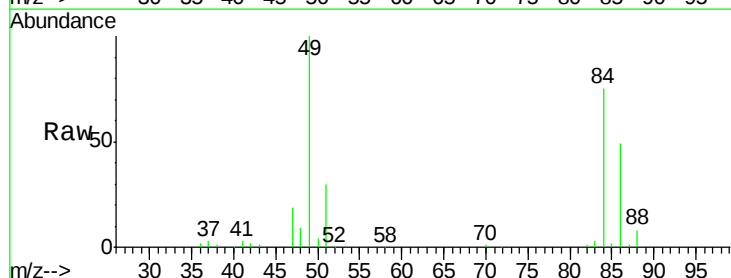
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



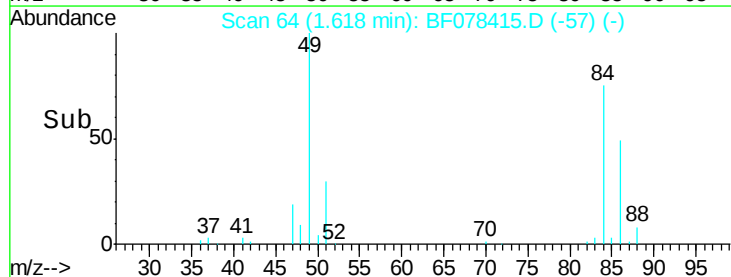
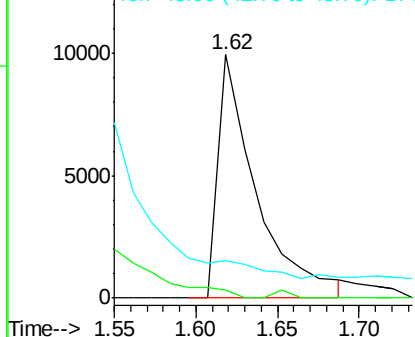
#2

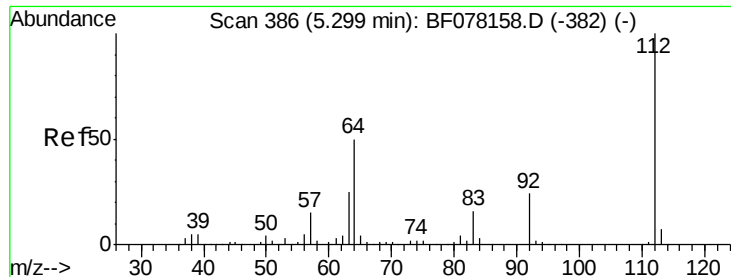
1,4-Dioxane
Concen: 18.38 ng
RT: 1.62 min Scan# 64
Delta R.T. -0.02 min
Lab File: BF078415.D
Acq: 10 Apr 2015 22:46

Tgt Ion: 88 Resp: 16210
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 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: 83.32 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078415.D

Acq: 10 Apr 2015 22:46

Instrument :

BNA_F

ClientSampleId :

OS-1A

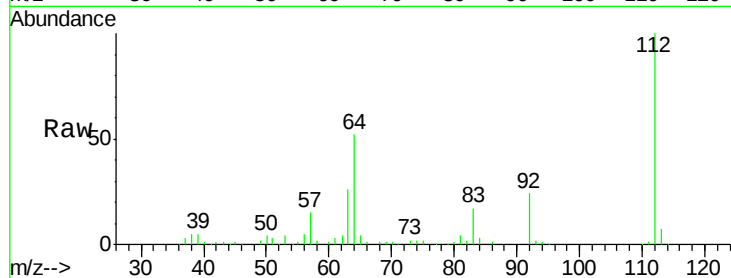
Tgt Ion: 112 Resp: 162498

Ion Ratio Lower Upper

112 100

64 52.1 39.9 59.9

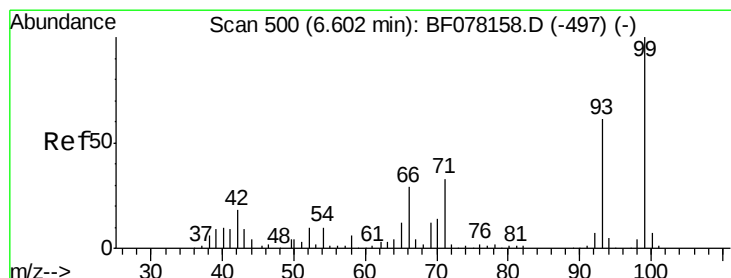
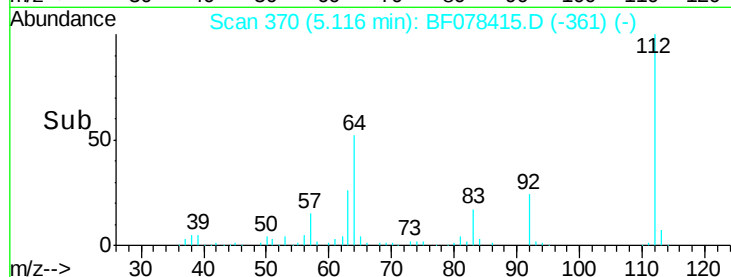
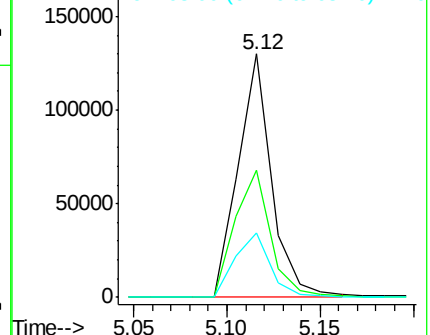
63 26.5 20.2 30.4



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: 86.62 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078415.D

Acq: 10 Apr 2015 22:46

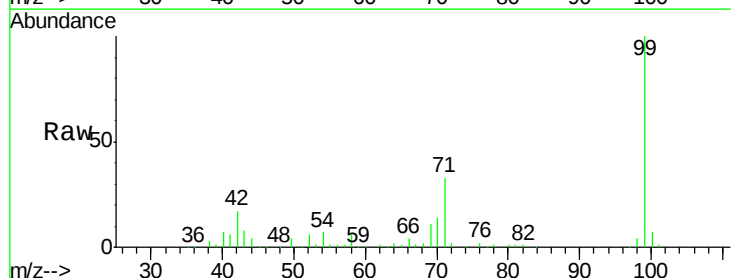
Tgt Ion: 99 Resp: 211707

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

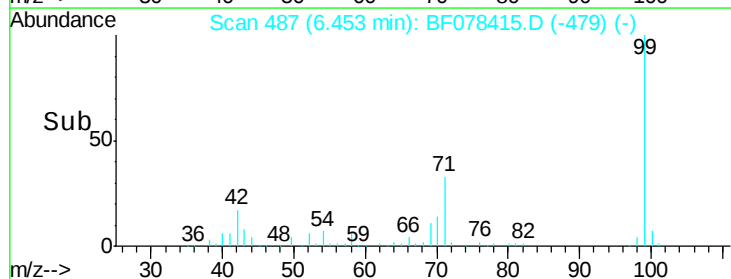
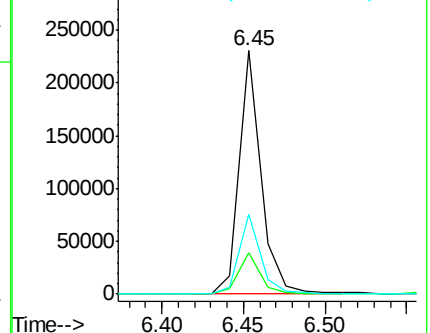
71 32.8 26.6 39.8

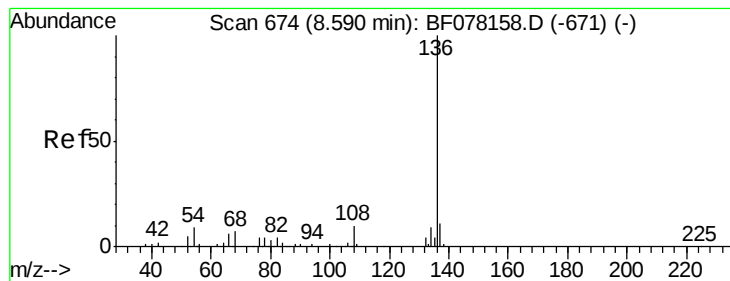


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078415.D

Acq: 10 Apr 2015 22:46

Instrument :

BNA_F

ClientSampleId :

OS-1A

Tgt Ion: 136 Resp: 132894

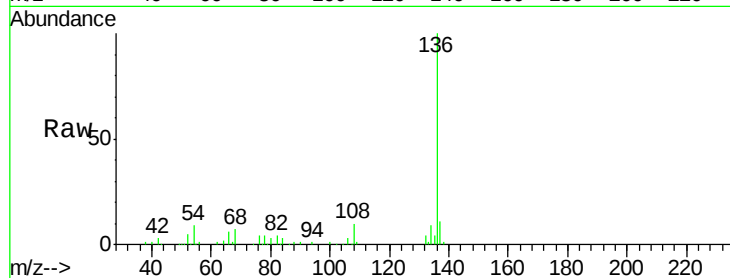
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.9 7.0 10.6

68 7.1 5.4 8.2

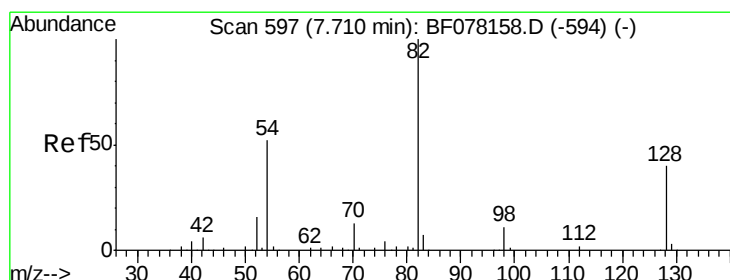
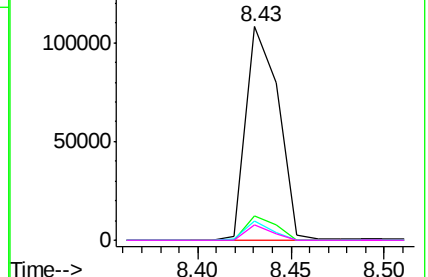
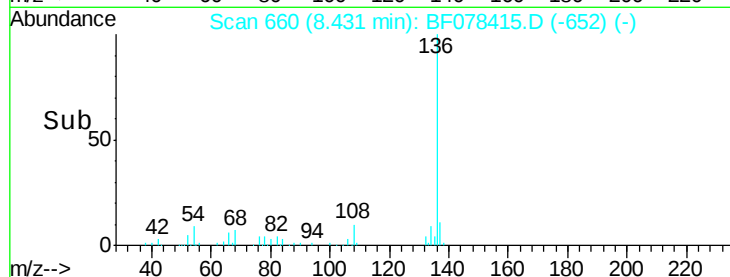


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.68 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078415.D

Acq: 10 Apr 2015 22:46

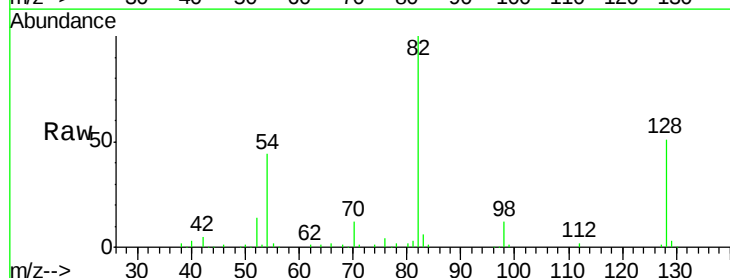
Tgt Ion: 82 Resp: 122079

Ion Ratio Lower Upper

82 100

128 51.3 31.8 47.8#

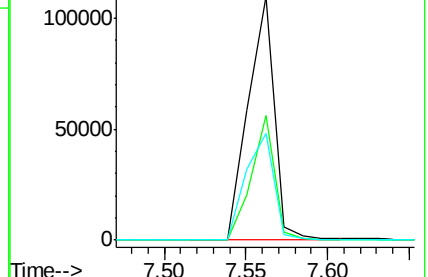
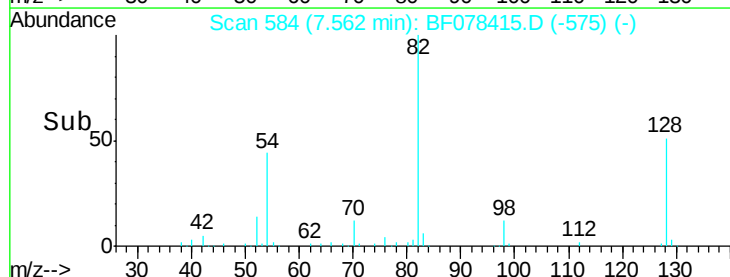
54 43.9 41.5 62.3

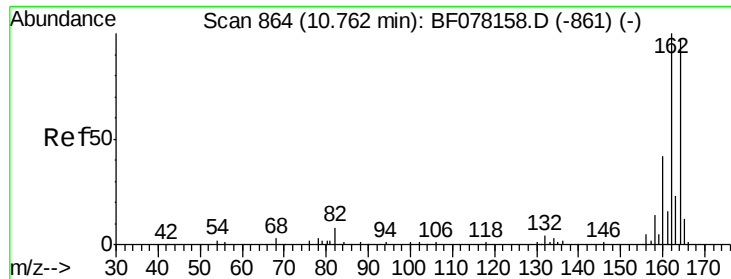


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

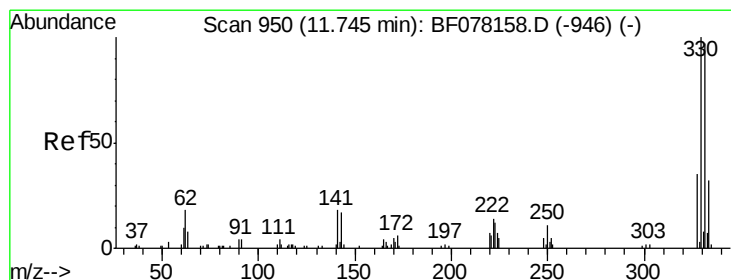
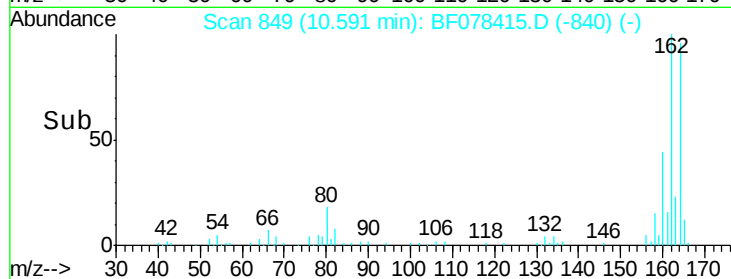
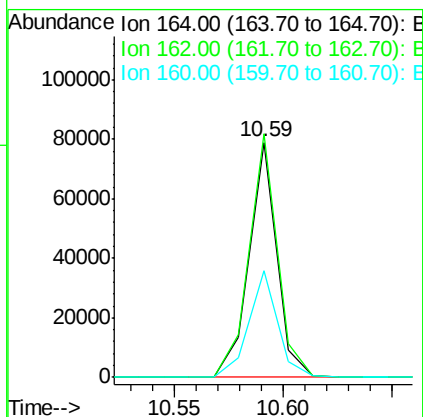
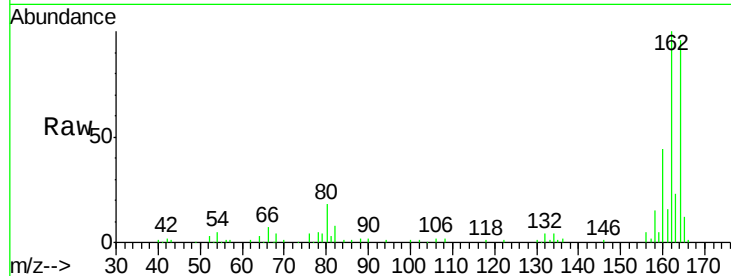




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078415.D
 Acq: 10 Apr 2015 22:46

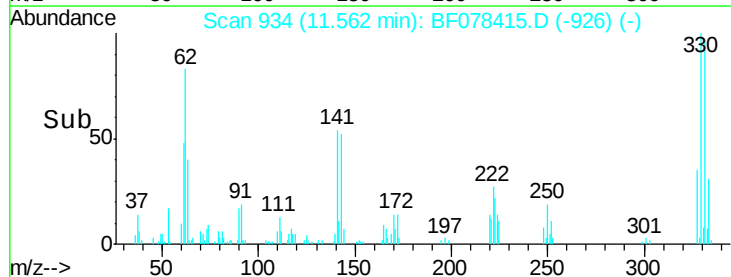
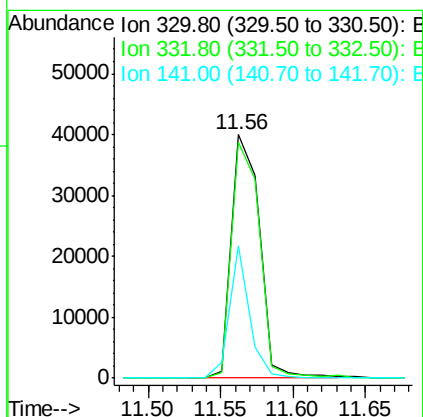
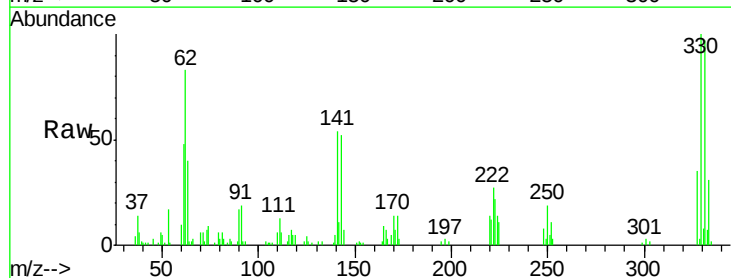
Instrument :
 BNA_F
 ClientSampleId :
 OS-1A

Tgt Ion:164 Resp: 69805
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 45.6 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 93.43 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF078415.D
 Acq: 10 Apr 2015 22:46

Tgt Ion:330 Resp: 54088
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.6 117.8
 141 38.6 31.2 46.8

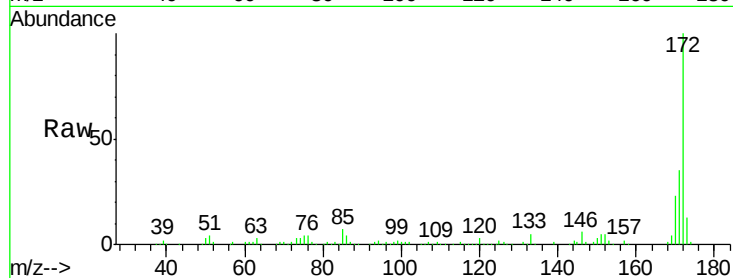




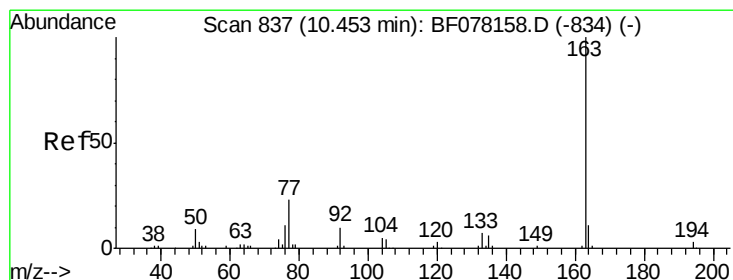
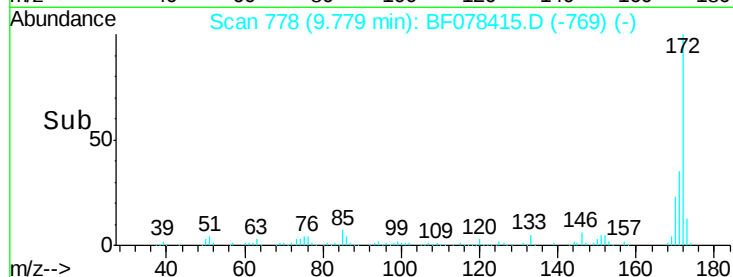
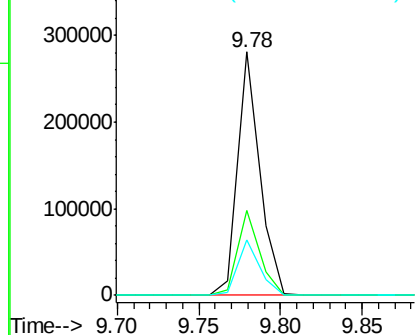
#44
 2-Fluorobiphenyl
 Concen: 53.87 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078415.D
 Acq: 10 Apr 2015 22:46

Instrument :
 BNA_F
 ClientSampleId :
 OS-1A

Tgt Ion:172 Resp: 263084
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 22.6 18.5 27.7

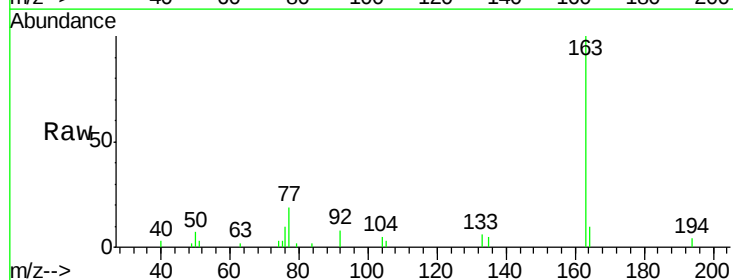


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

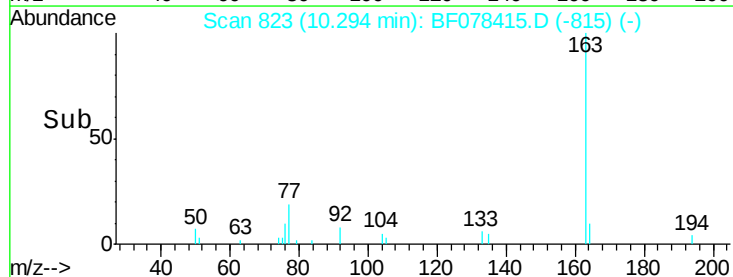
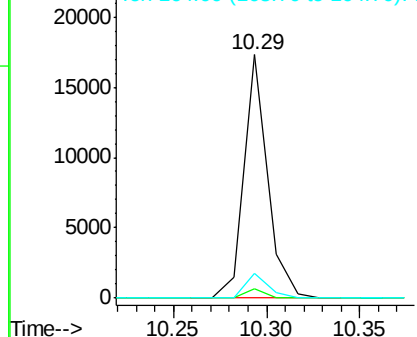


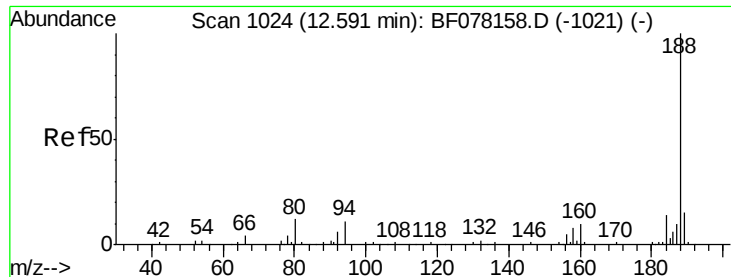
#49
 Dimethylphthalate
 Concen: 2.90 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF078415.D
 Acq: 10 Apr 2015 22:46

Tgt Ion:163 Resp: 15204
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.3 3.5#
 164 10.0 8.6 13.0



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

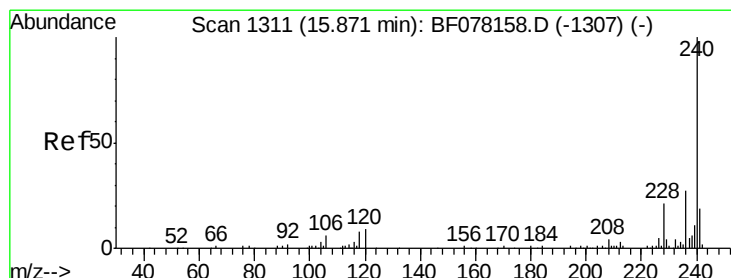
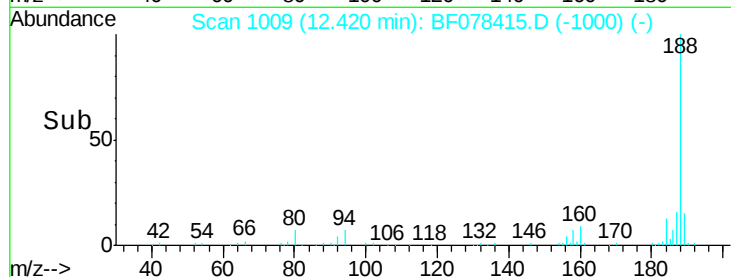
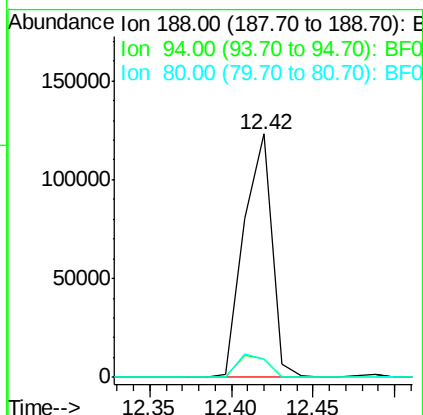
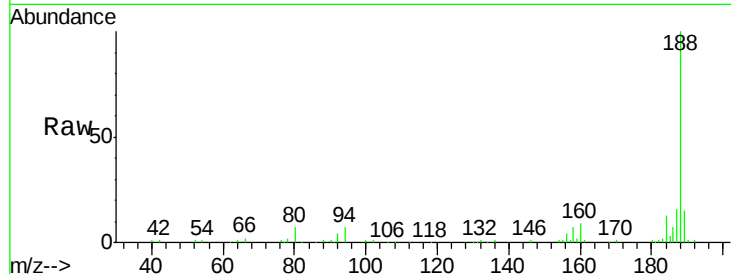




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078415.D
 Acq: 10 Apr 2015 22:46

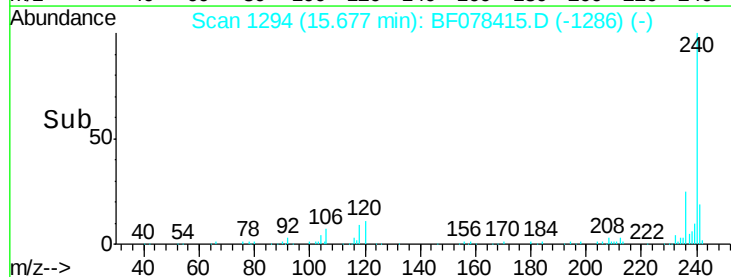
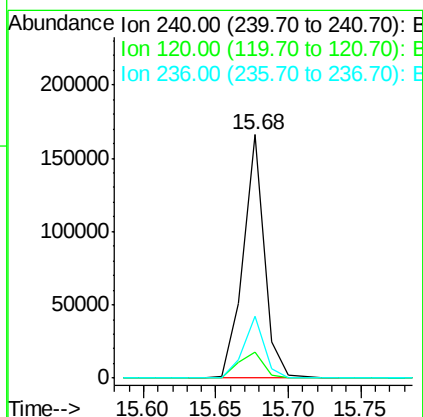
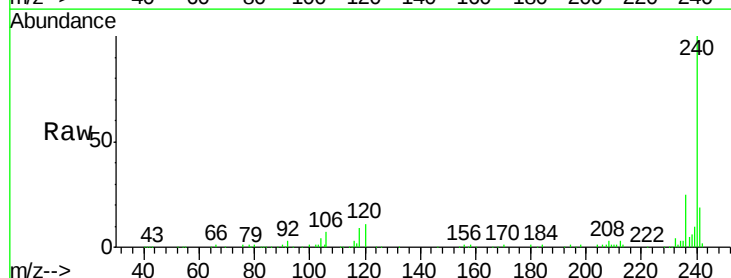
Instrument :
 BNA_F
 ClientSampleId :
 OS-1A

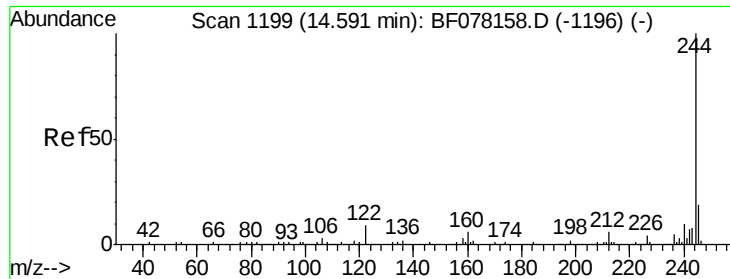
Tgt Ion:188 Resp: 146210
 Ion Ratio Lower Upper
 188 100
 94 7.3 9.0 13.4#
 80 7.5 9.5 14.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078415.D
 Acq: 10 Apr 2015 22:46

Tgt Ion:240 Resp: 169214
 Ion Ratio Lower Upper
 240 100
 120 10.5 7.1 10.7
 236 25.3 21.4 32.2





#78

Terphenyl-d14

Concen: 46.46 ng

RT: 14.41 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF078415.D

Acq: 10 Apr 2015 22:46

Instrument :

BNA_F

ClientSampleId :

OS-1A

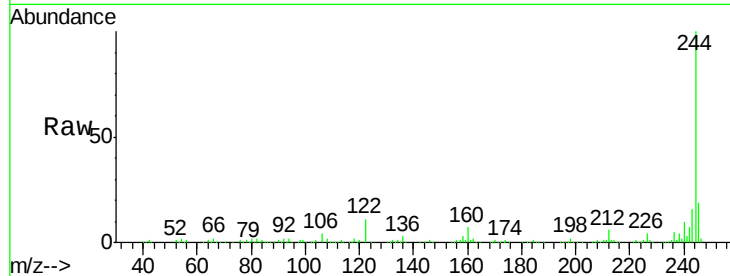
Tgt Ion:244 Resp: 347935

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

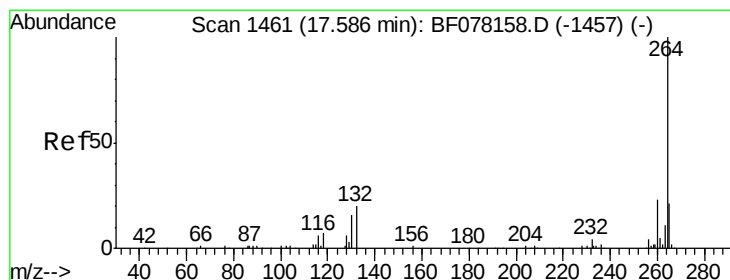
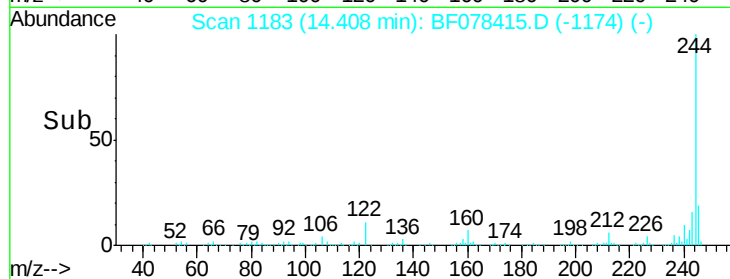
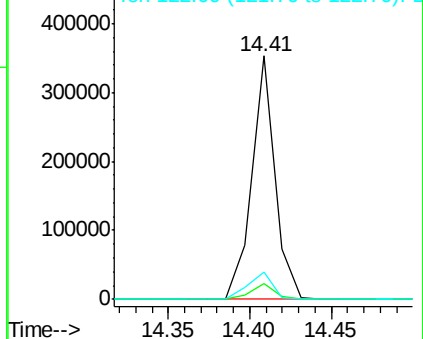
122 11.2 7.1 10.7#



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: BF078415.D

Acq: 10 Apr 2015 22:46

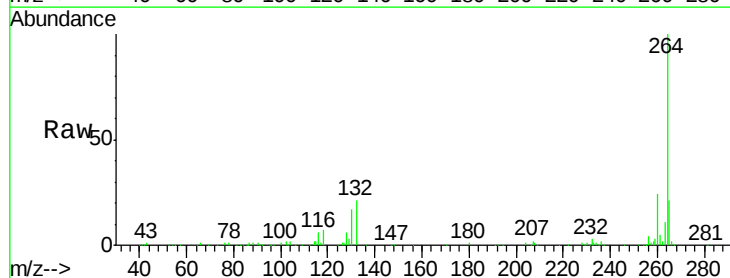
Tgt Ion:264 Resp: 166208

Ion Ratio Lower Upper

264 100

260 23.7 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

