

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079592.D
 Acq On : 30 May 2015 8:31
 Operator : TP/IZ
 Sample : G2416-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.3(2)

Quant Time: May 31 05:30:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

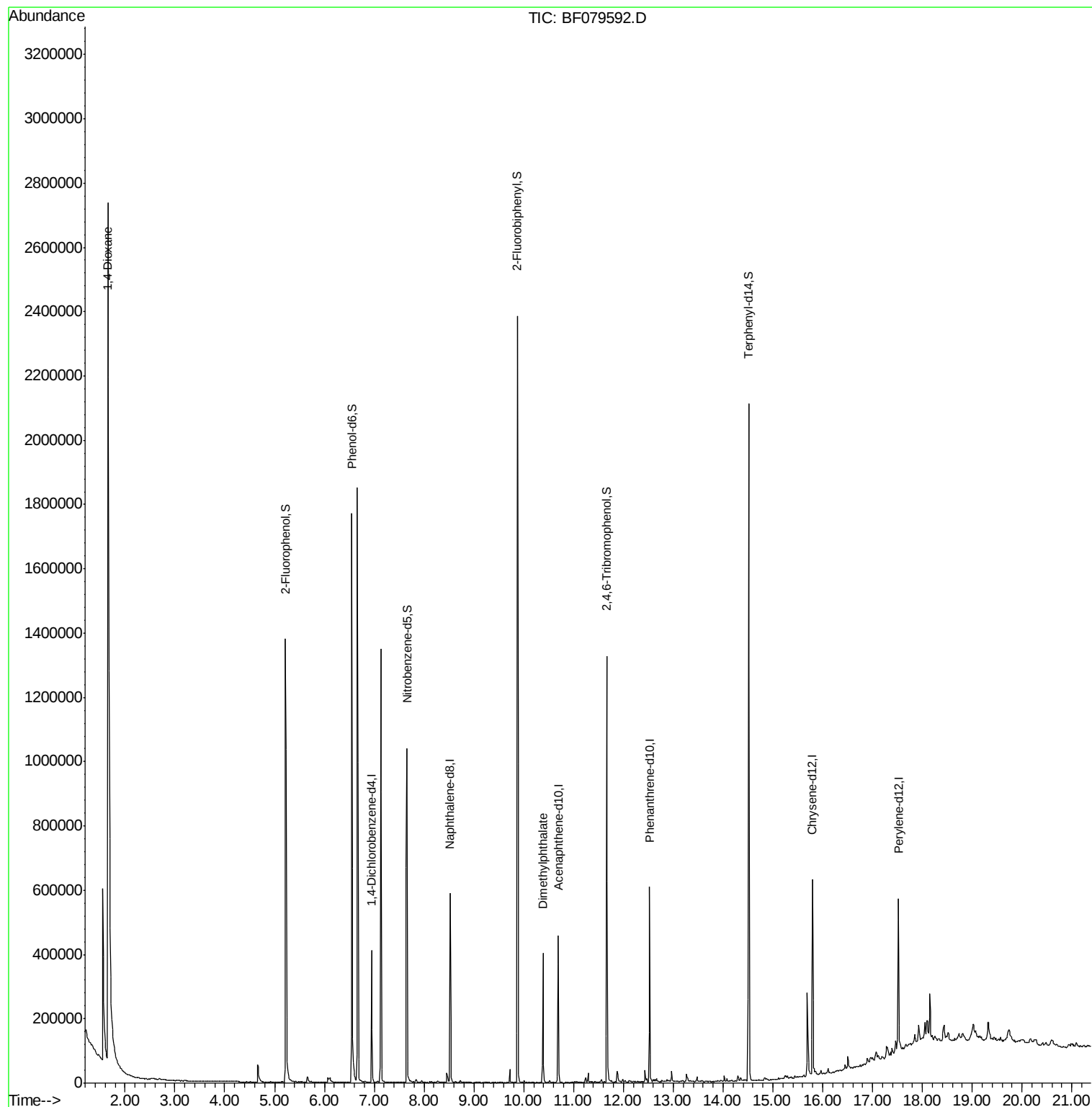
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70351	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	288921	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	129738	20.00	ng	-0.01
63) Phenanthrene-d10	12.53	188	236724	20.00	ng	-0.01
75) Chrysene-d12	15.79	240	242887	20.00	ng	-0.05
86) Perylene-d12	17.52	264	257374	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	591046	145.72	ng	-0.01
7) Phenol-d6	6.55	99	751069	145.28	ng	-0.01
23) Nitrobenzene-d5	7.66	82	439689	87.97	ng	-0.01
41) 2,4,6-Tribromophenol	11.67	330	212682	149.25	ng	-0.02
44) 2-Fluorobiphenyl	9.87	172	846370	93.07	ng	-0.01
78) Terphenyl-d14	14.51	244	907692	87.70	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.66	88	142640	73.93	ng	# 100
9) Benzaldehyde	6.55	77	934	Below Cal	#	1
49) Dimethylphthalate	10.39	163	169713	17.75	ng	99
73) Di-n-butylphthalate	13.29	149	1656	Below Cal	#	78
89) Benzo(a)pyrene	17.45	252	10128	Below Cal	#	84
90) Dibenzo(a,h)anthracene	18.83	278	4110	Below Cal	#	62
91) Benzo(g,h,i)perylene	19.19	276	12426	Below Cal	#	90

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079592.D
Acq On : 30 May 2015 8:31
Operator : TP/IZ
Sample : G2416-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.3(2)

Quant Time: May 31 05:30:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.3(2)

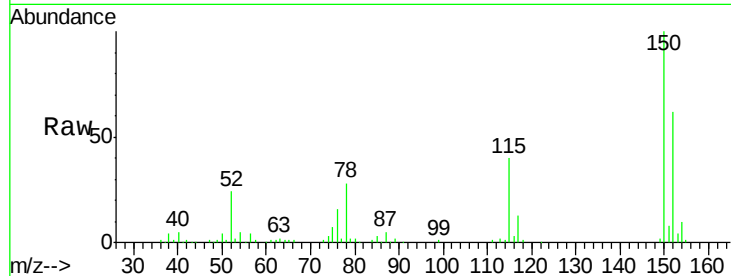
Tgt Ion:152 Resp: 70351

Ion Ratio Lower Upper

152 100

150 161.8 124.0 186.0

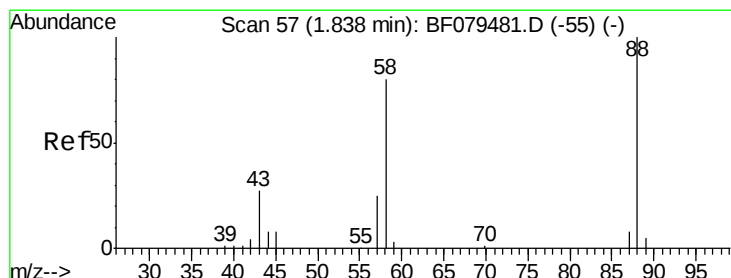
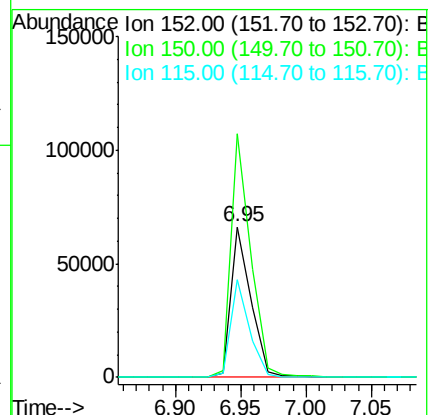
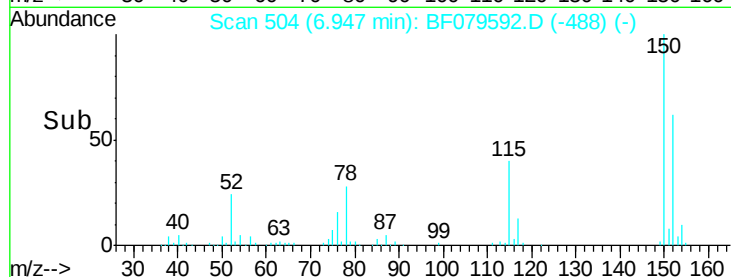
115 65.2 49.6 74.4



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



#2

1,4-Dioxane

Concen: 73.93 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

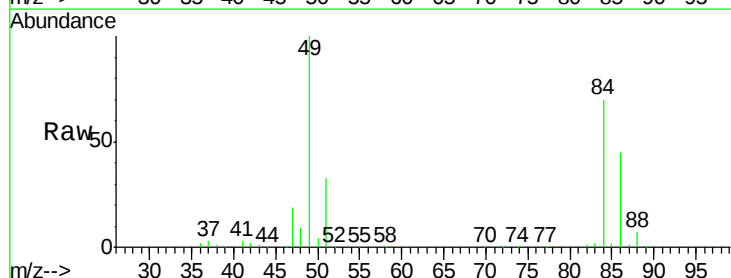
Tgt Ion: 88 Resp: 142640

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

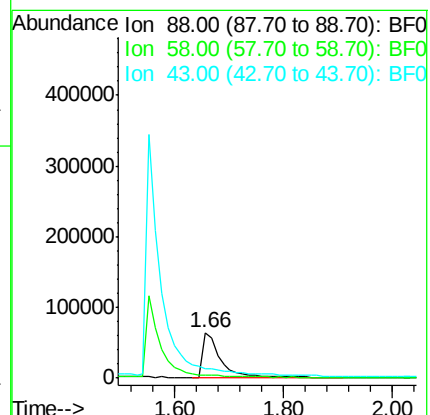
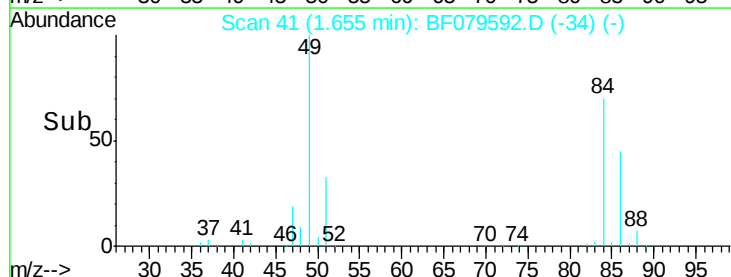
43 0.0 0.0 0.0

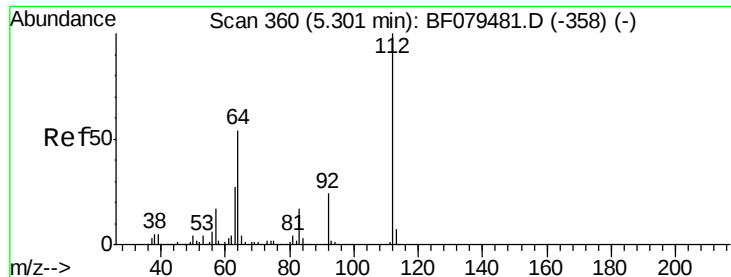


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 145.72 ng

RT: 5.22 min Scan# 353

Delta R.T. -0.01 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.3(2)

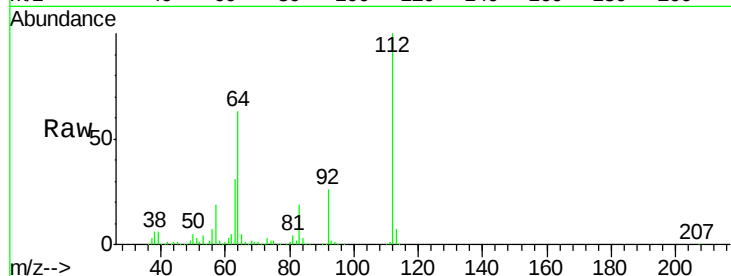
Tgt Ion: 112 Resp: 591046

Ion Ratio Lower Upper

112 100

64 62.7 43.5 65.3

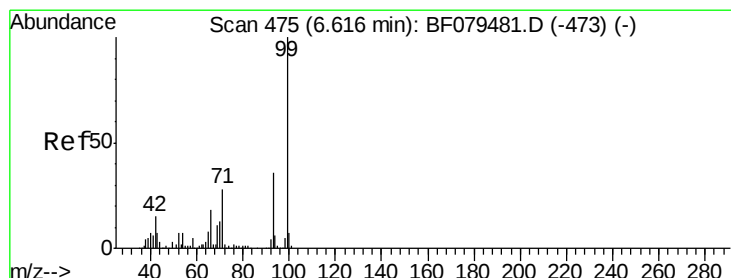
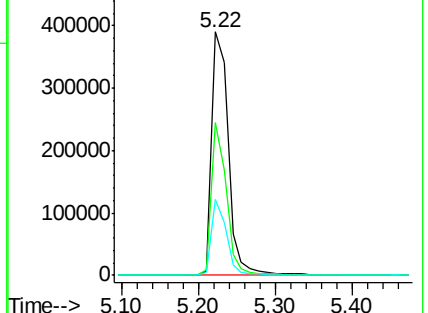
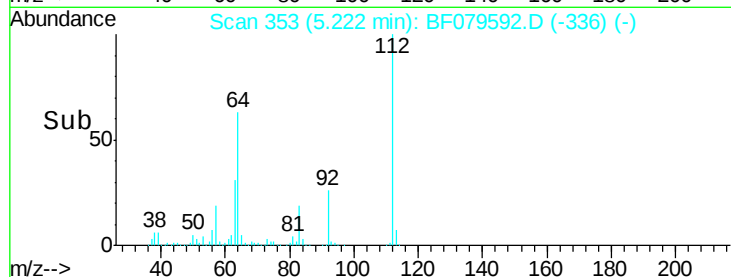
63 31.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 145.28 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

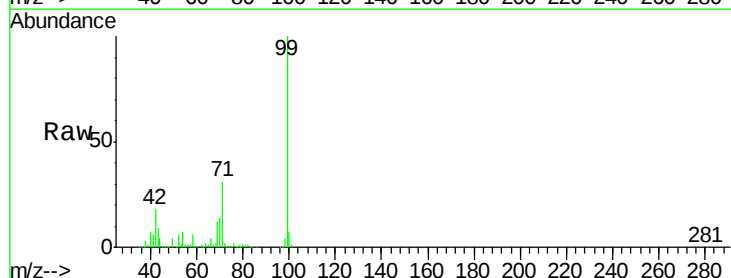
Tgt Ion: 99 Resp: 751069

Ion Ratio Lower Upper

99 100

42 17.5 11.9 17.9

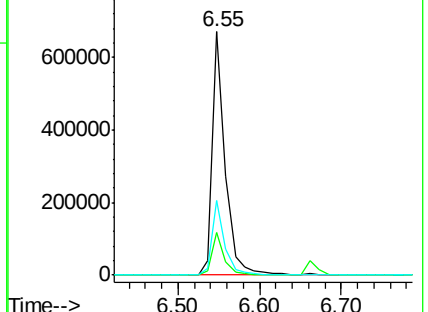
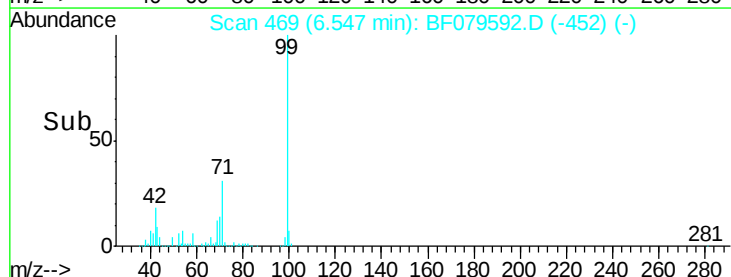
71 30.8 22.1 33.1



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

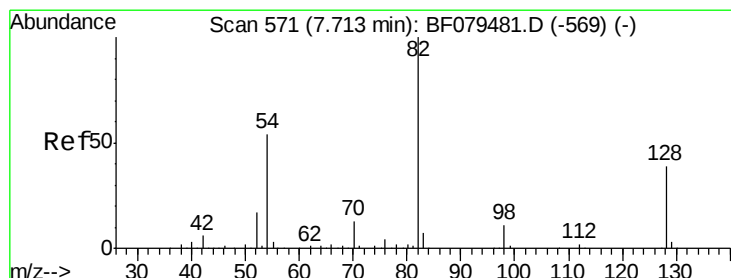
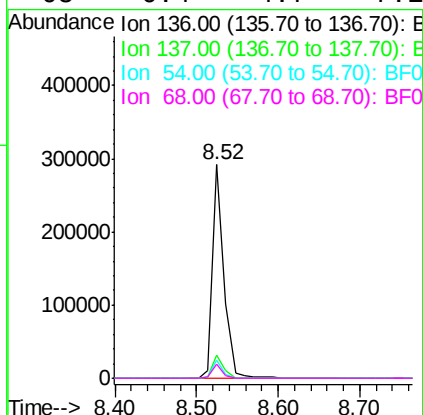
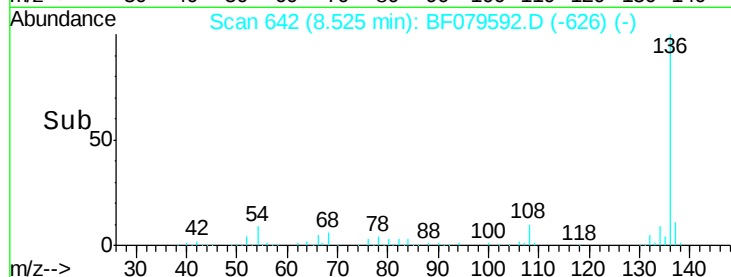
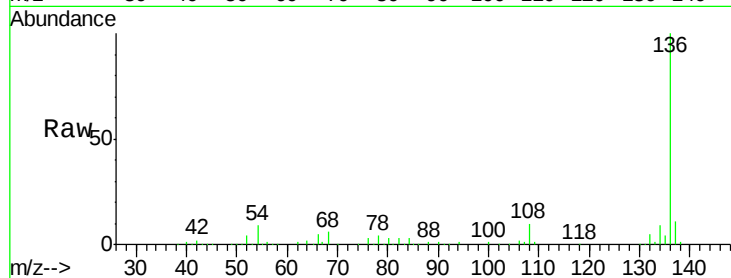




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079592.D
Acq: 30 May 2015 8:31

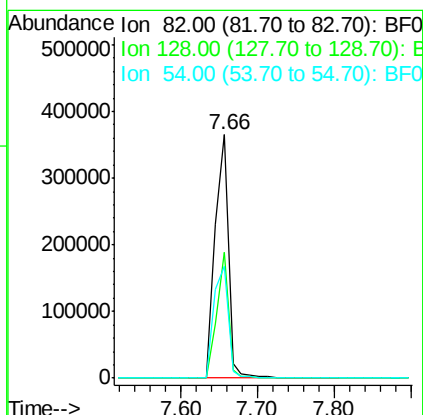
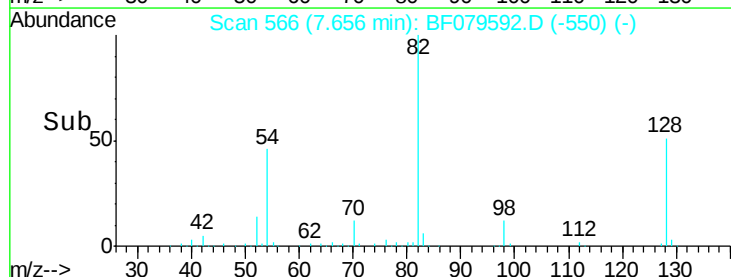
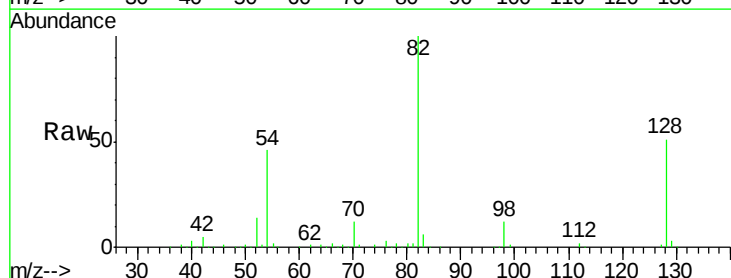
Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.3(2)

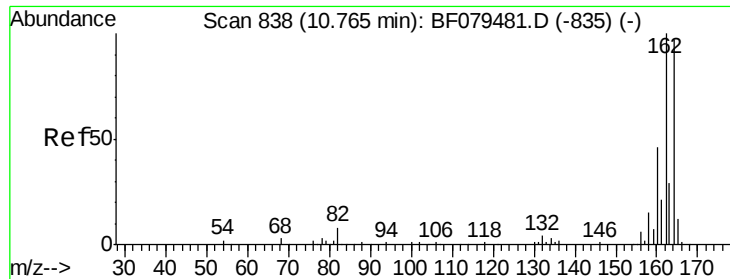
Tgt Ion:	136	Resp:	288921
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.6	6.6	9.8
68	6.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 87.97 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF079592.D
Acq: 30 May 2015 8:31

Tgt Ion:	82	Resp:	439689
Ion	Ratio	Lower	Upper
82	100		
128	51.5	30.8	46.2#
54	45.8	42.8	64.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.3(2)

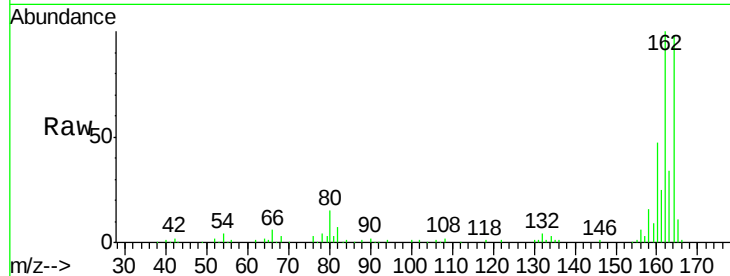
Tgt Ion:164 Resp: 129738

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

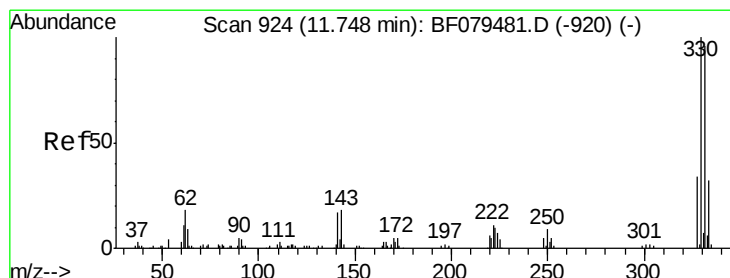
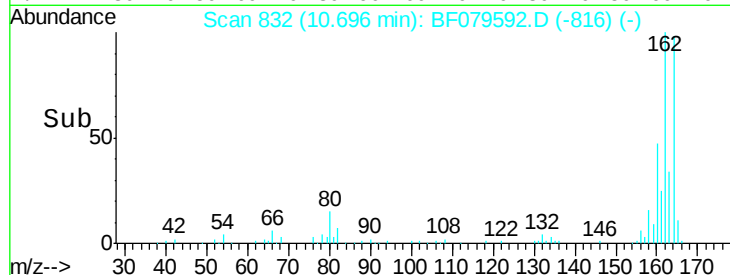
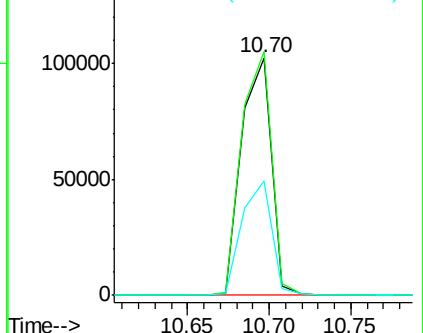
160 47.9 37.7 56.5



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: 149.25 ng

RT: 11.67 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

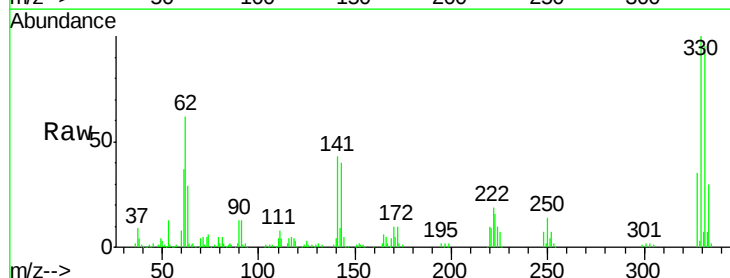
Tgt Ion:330 Resp: 212682

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

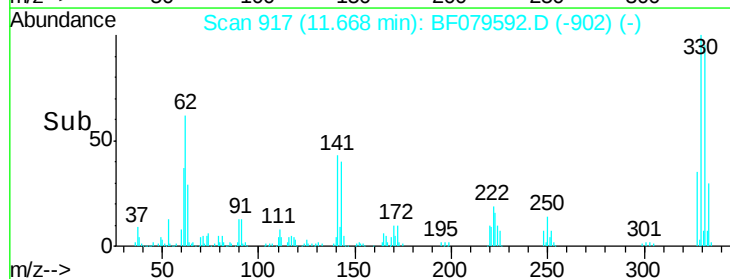
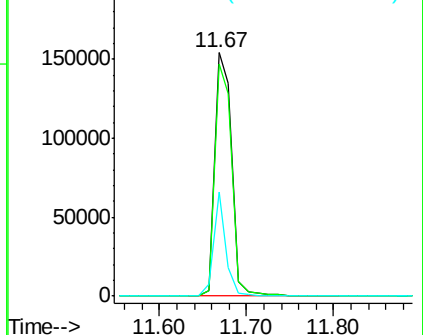
141 30.5 0.0 0.0#

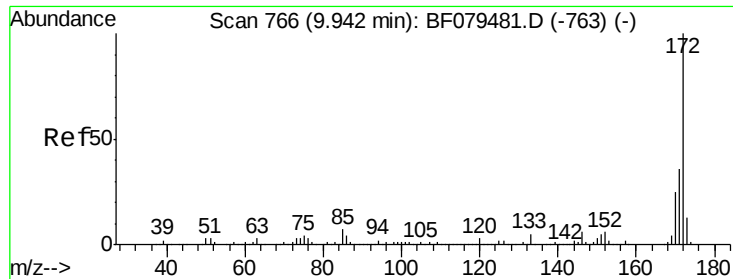


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

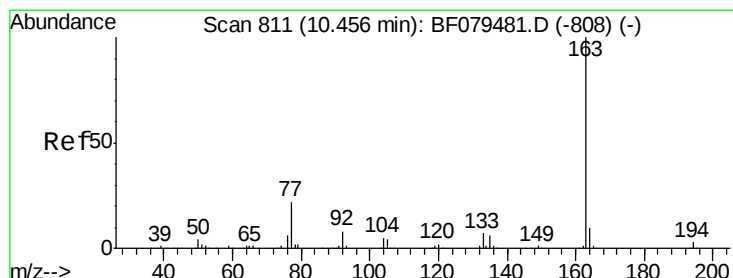
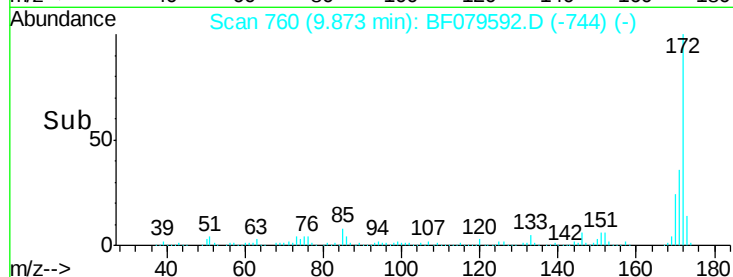
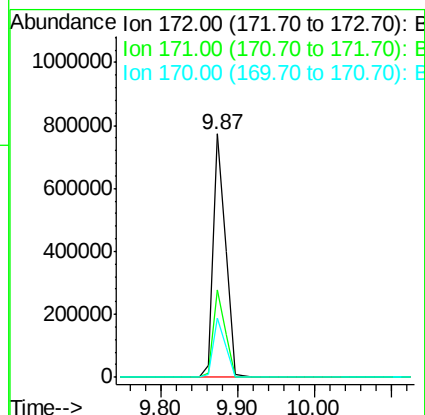
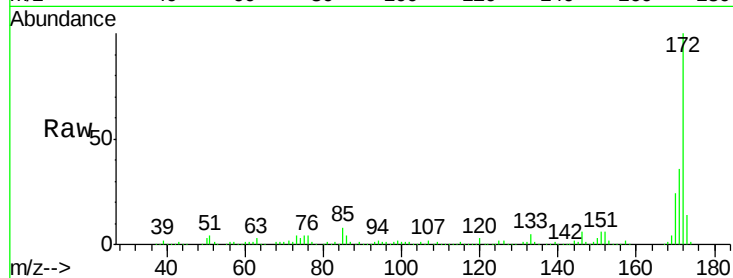




#44
 2-Fluorobiphenyl
 Concen: 93.07 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079592.D
 Acq: 30 May 2015 8:31

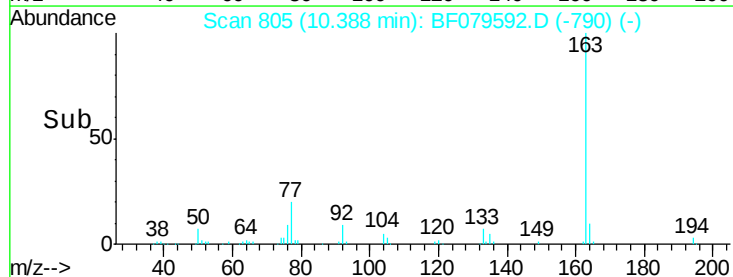
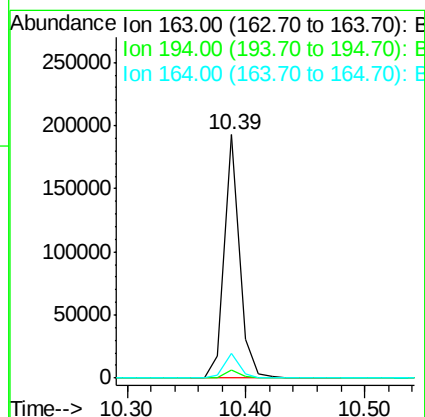
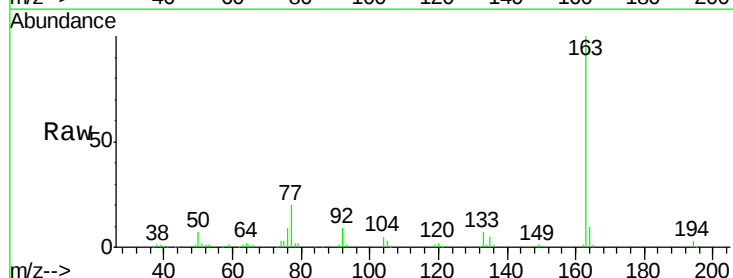
Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.3(2)

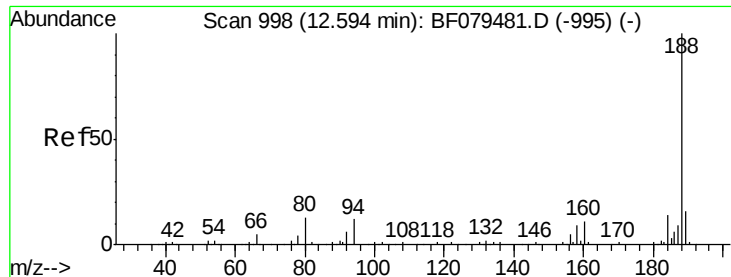
Tgt Ion:172 Resp: 846370
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.4 19.7 29.5



#49
 Dimethylphthalate
 Concen: 17.75 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF079592.D
 Acq: 30 May 2015 8:31

Tgt Ion:163 Resp: 169713
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.4 3.6
 164 10.0 8.2 12.4

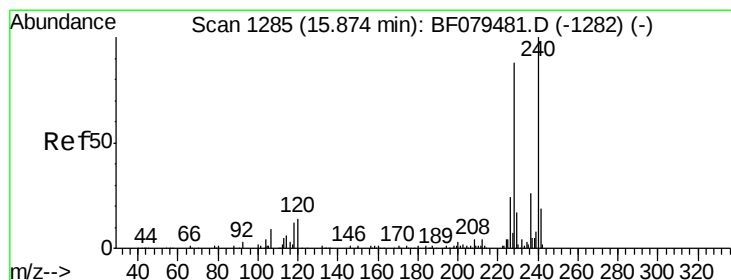
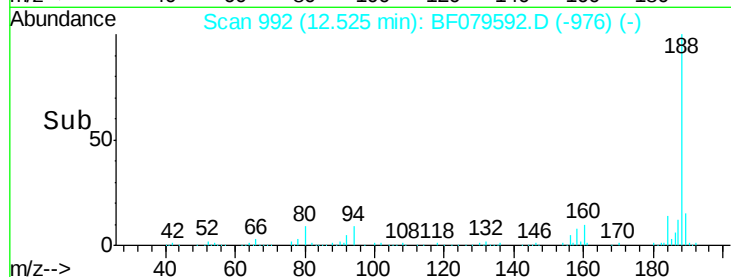
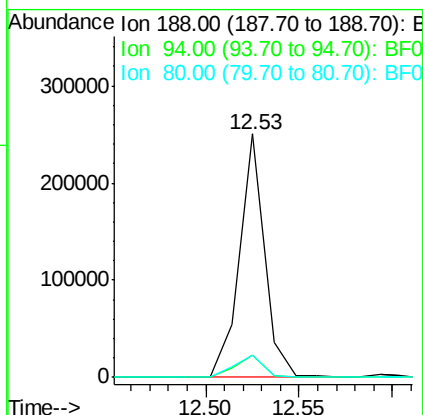
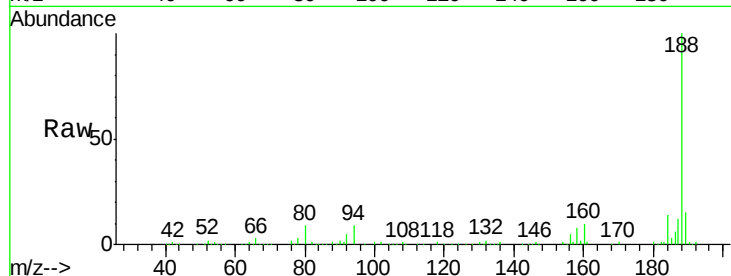




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079592.D
Acq: 30 May 2015 8:31

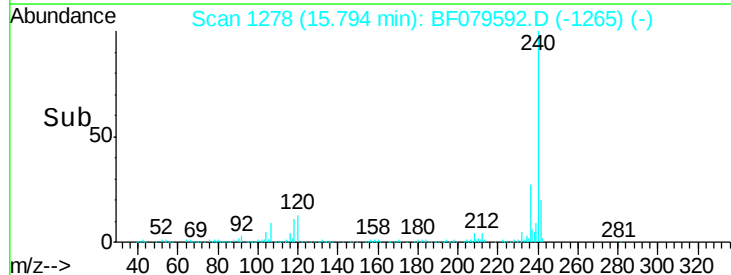
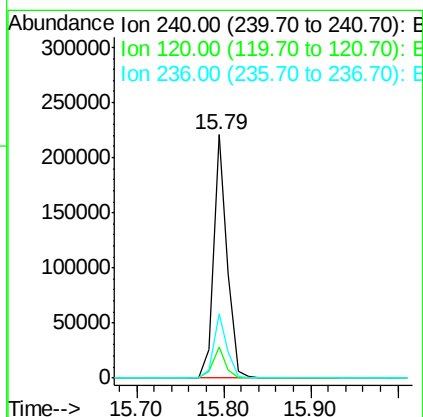
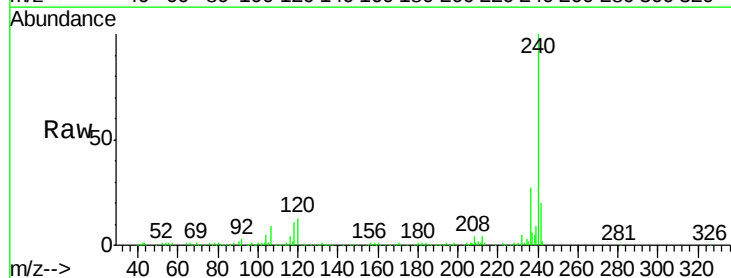
Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.3(2)

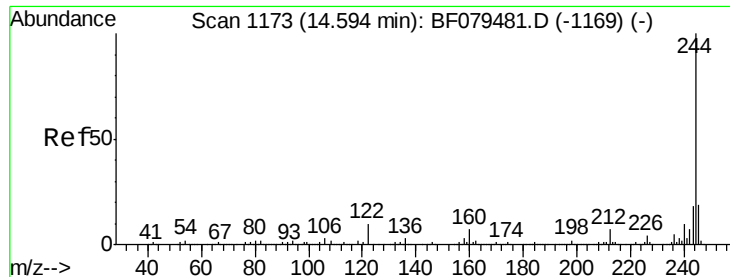
Tgt Ion:188 Resp: 236724
Ion Ratio Lower Upper
188 100
94 9.2 9.8 14.6#
80 9.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.79 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BF079592.D
Acq: 30 May 2015 8:31

Tgt Ion:240 Resp: 242887
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 26.6 21.0 31.6





#78

Terphenyl-d14

Concen: 87.70 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

Instrument :

BNA_F

ClientSampleId :

CONNECTORRD-TE1.3(2)

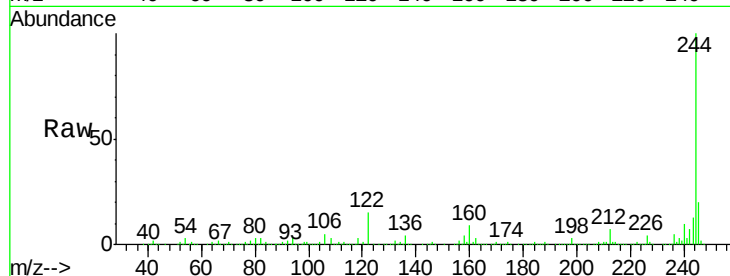
Tgt Ion:244 Resp: 907692

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

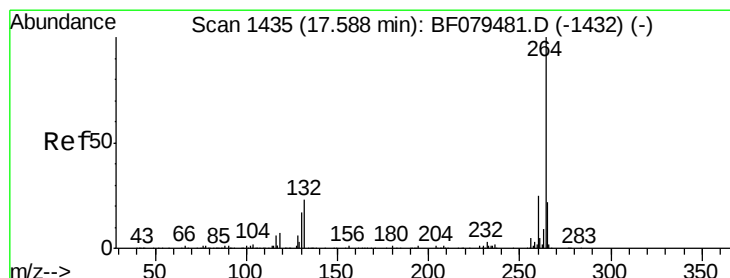
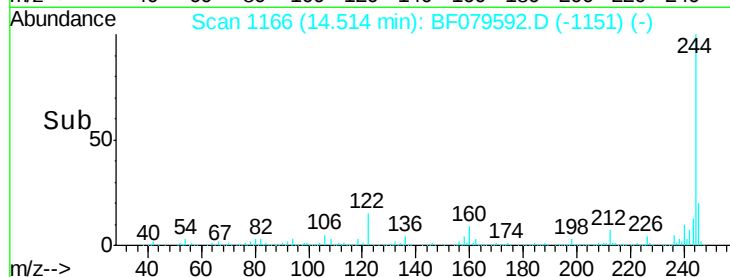
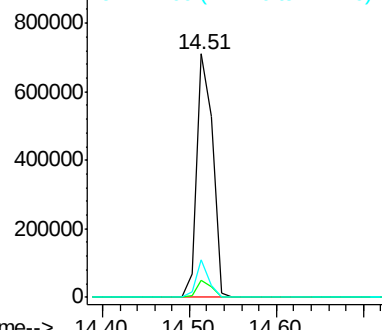
122 15.2 8.0 12.0#



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: 17.52 min Scan# 1429

Delta R.T. -0.15 min

Lab File: BF079592.D

Acq: 30 May 2015 8:31

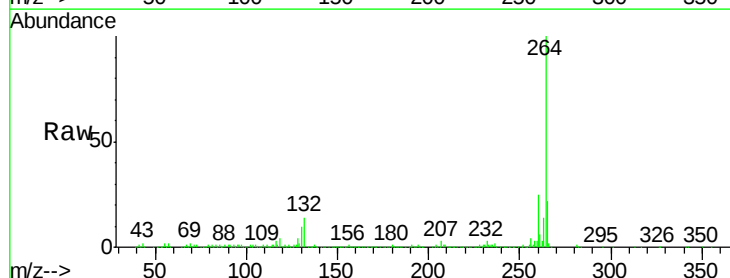
Tgt Ion:264 Resp: 257374

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 21.8 17.8 26.6



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

