

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077397.D
 Acq On : 23 Feb 2015 11:22
 Operator : TP/IZ
 Sample : G1332-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-2

Quant Time: Feb 24 00:01:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 16:57:32 2015
 Response via : Initial Calibration

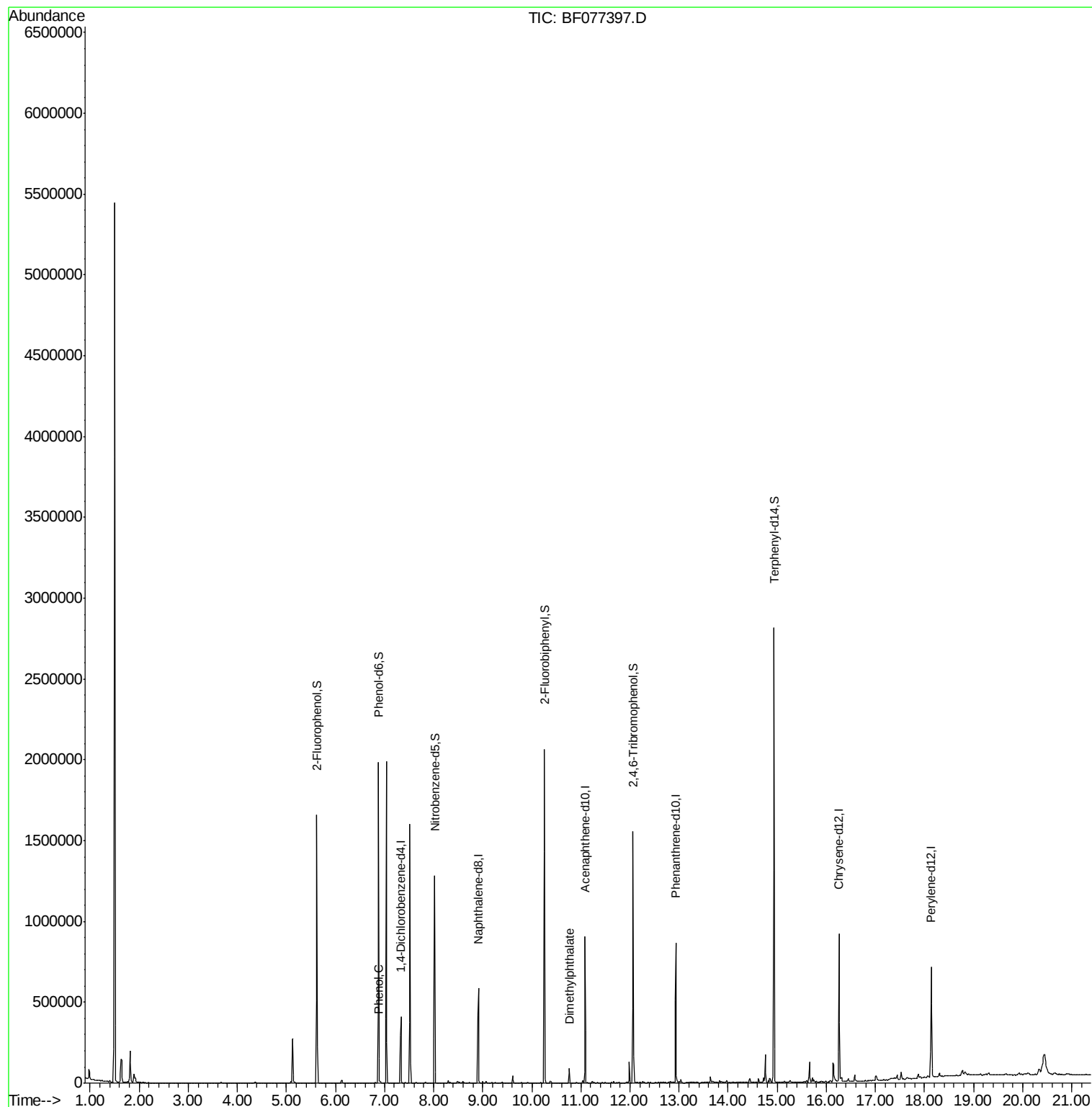
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83947	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	350964	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	193034	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	399687	20.00	ng	0.00
75) Chrysene-d12	16.26	240	383923	20.00	ng	0.03
86) Perylene-d12	18.13	264	356279	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	491830	97.81	ng	0.00
7) Phenol-d6	6.88	99	643413	99.52	ng	0.00
23) Nitrobenzene-d5	8.02	82	384233	68.08	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	185293	99.69	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	874832	70.67	ng	0.00
78) Terphenyl-d14	14.93	244	1074130	65.41	ng	0.00
Target Compounds						
10) Phenol	6.89	94	16949	2.21	ng	85
49) Dimethylphthalate	10.76	163	49258	3.63	ng	99

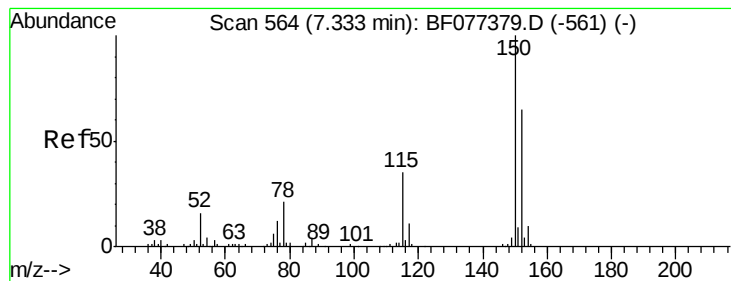
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

Instrument :

BNA_F

ClientSampleId :

HF-2

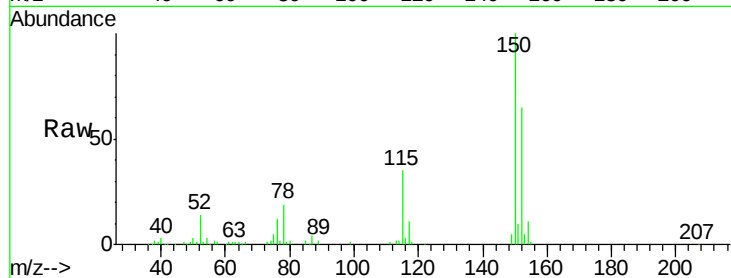
Tot Ion:152 Resp: 83947

Ion Ratio Lower Upper

152 100

150 155.0 124.0 186.0

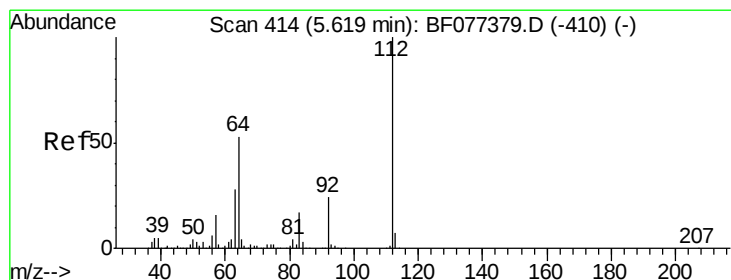
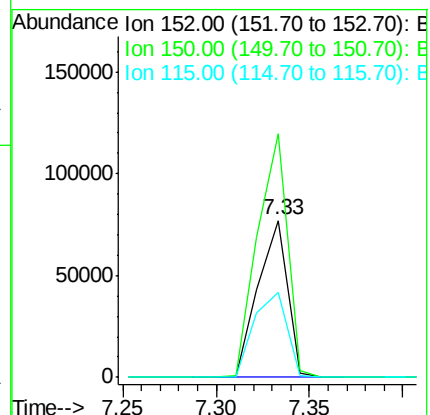
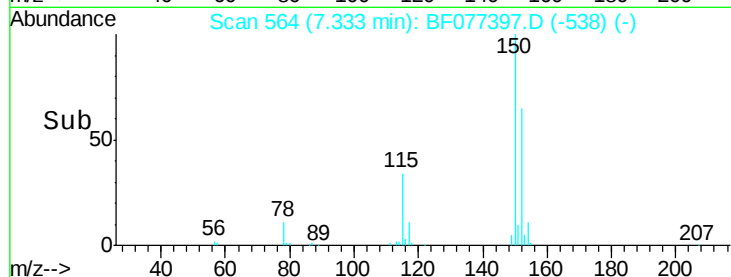
115 53.7 49.4 74.2



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: 97.81 ng

RT: 5.62 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

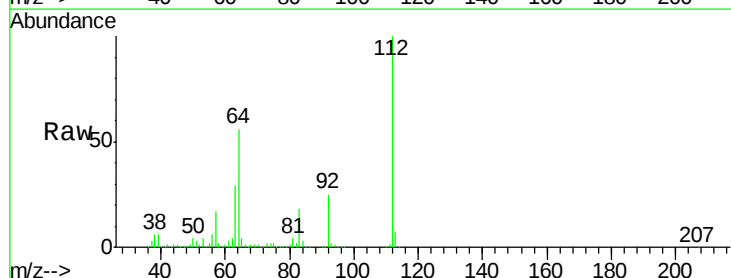
Tgt Ion:112 Resp: 491830

Ion Ratio Lower Upper

112 100

64 55.6 48.5 72.7

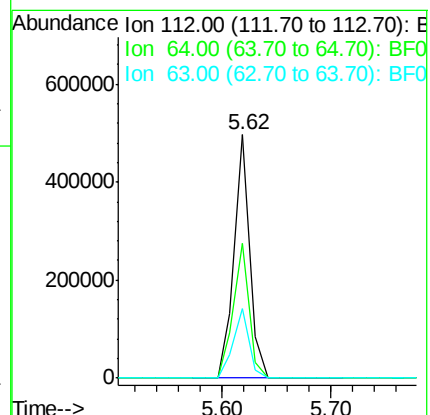
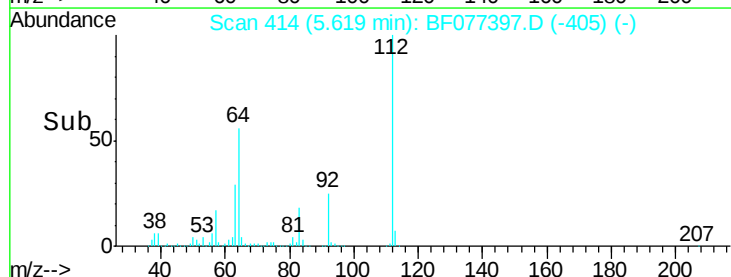
63 28.6 25.0 37.4

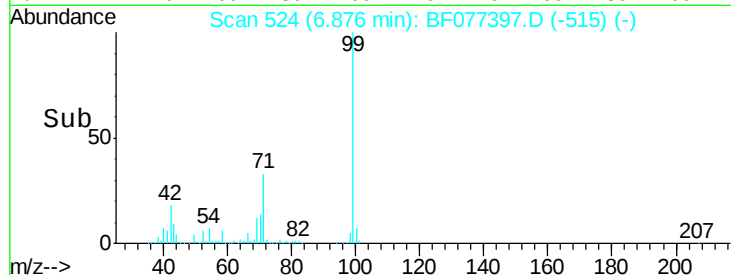
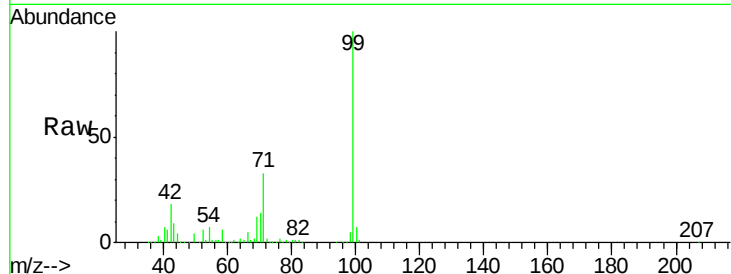


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.52 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

Instrument :

BNA_F

ClientSampled :

HF-2

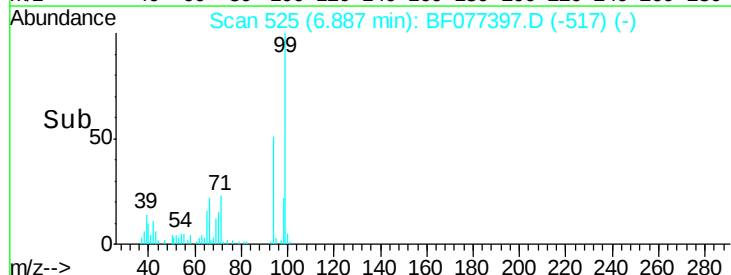
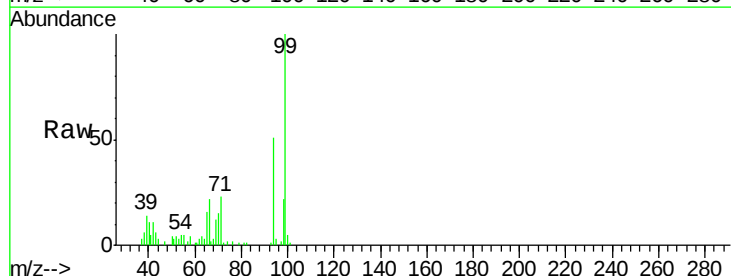
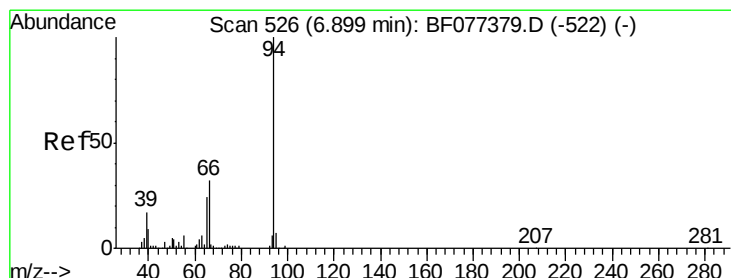
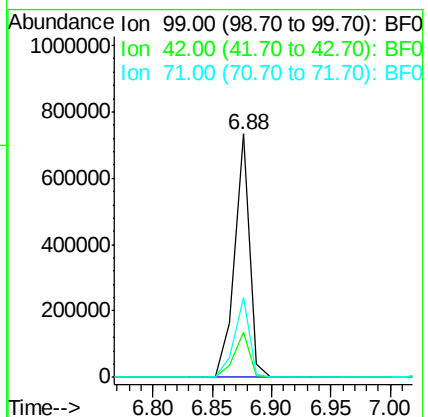
Tot Ion: 99 Resp: 643413

Ion Ratio Lower Upper

99 100

42 18.4 16.2 24.4

71 32.6 26.7 40.1



#10

Phenol

Concen: 2.21 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

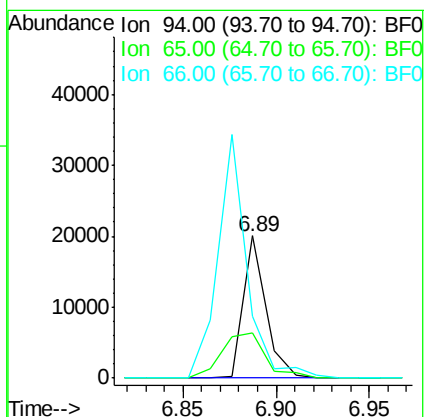
Tgt Ion: 94 Resp: 16949

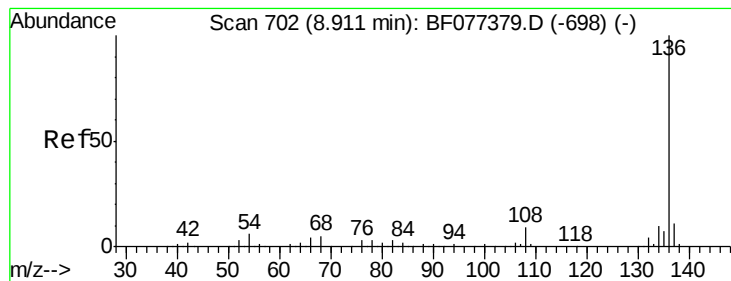
Ion Ratio Lower Upper

94 100

65 31.6 5.7 45.7

66 43.1 13.6 53.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

Instrument :

BNA_F

ClientSampleId :

HF-2

Tot Ion:136 Resp: 350964

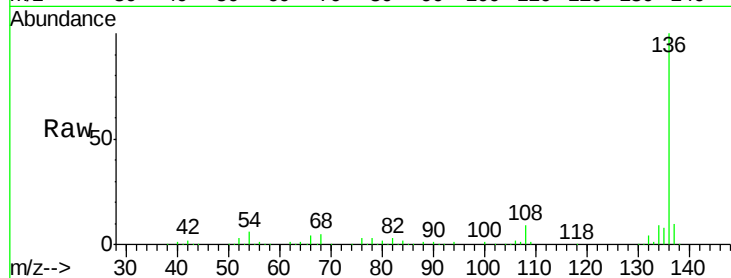
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.6 6.2 9.4#

68 4.6 5.0 7.6#

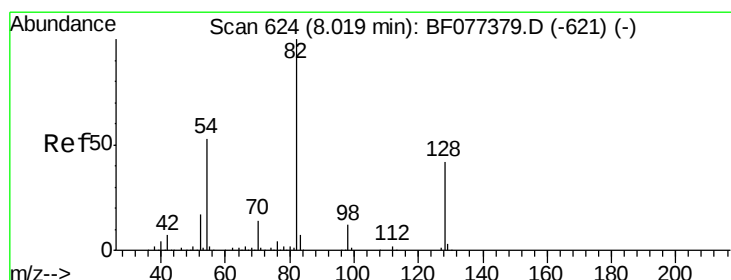
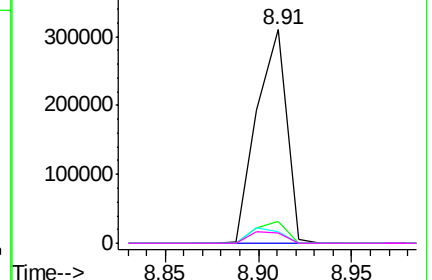
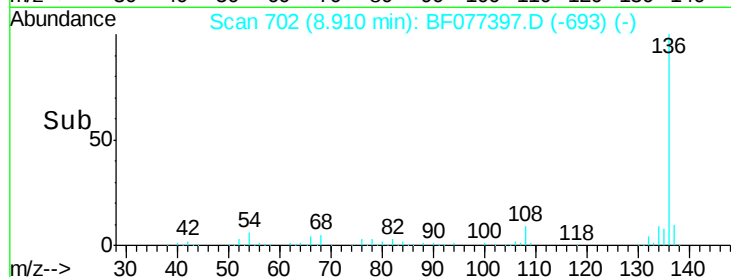


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.08 ng

RT: 8.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

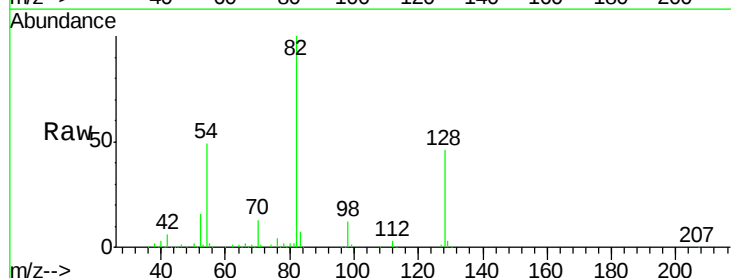
Tgt Ion: 82 Resp: 384233

Ion Ratio Lower Upper

82 100

128 46.0 43.8 65.8

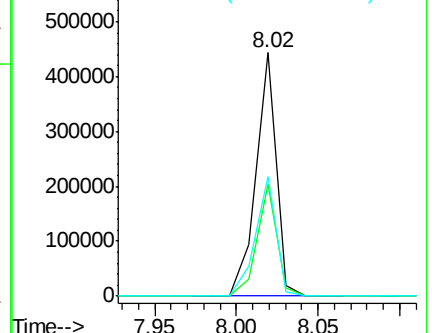
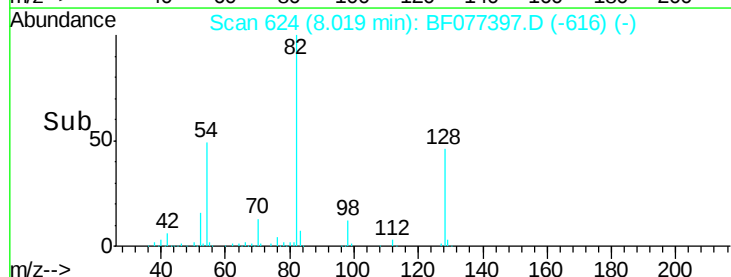
54 49.2 36.7 55.1

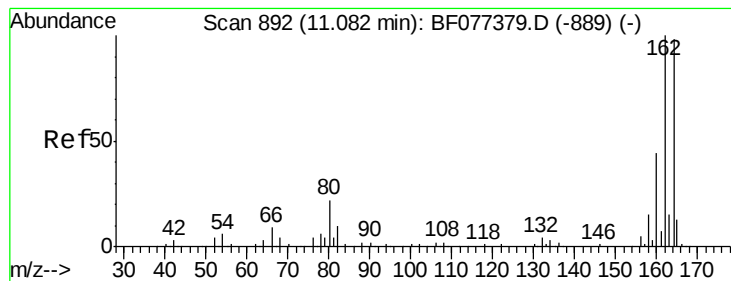


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 11.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

Instrument :

BNA_F

ClientSampleId :

HF-2

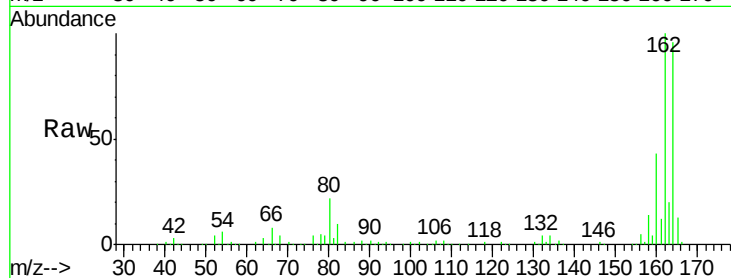
Tot Ion:164 Resp: 193034

Ion Ratio Lower Upper

164 100

162 103.6 83.2 124.8

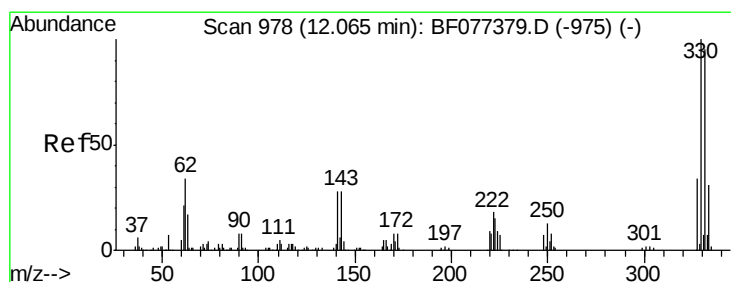
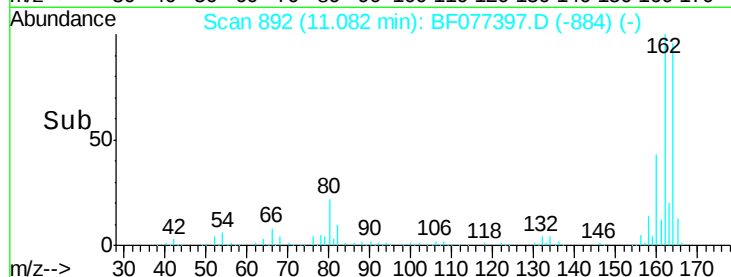
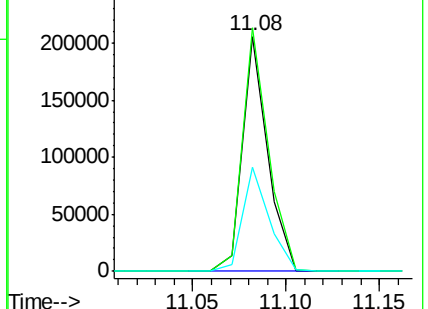
160 44.1 34.6 52.0



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: 99.69 ng

RT: 12.07 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

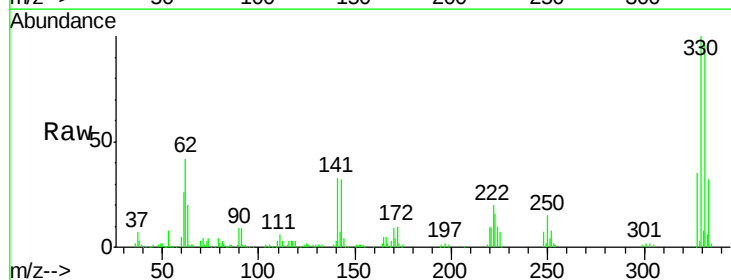
Tgt Ion:330 Resp: 185293

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

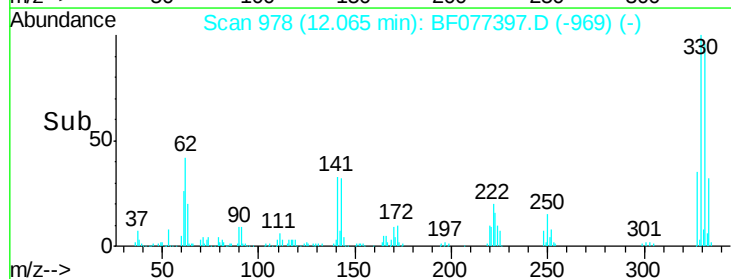
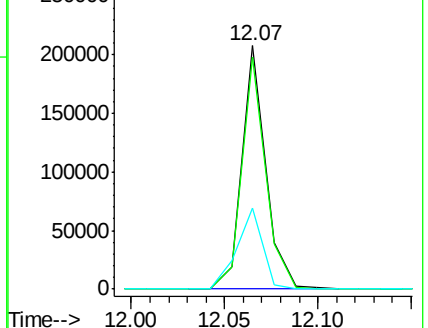
141 36.1 28.8 43.2

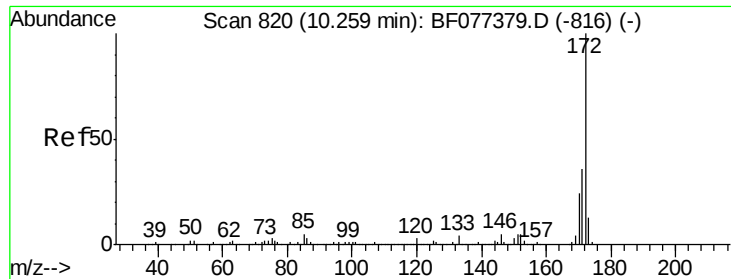


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

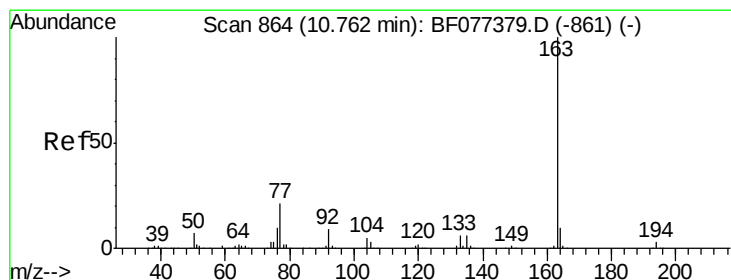
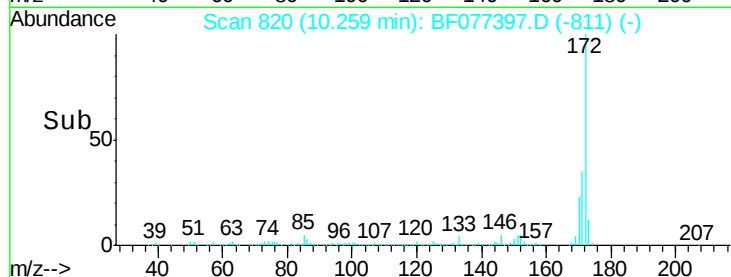
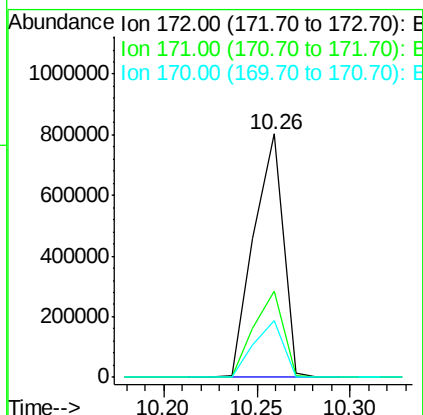
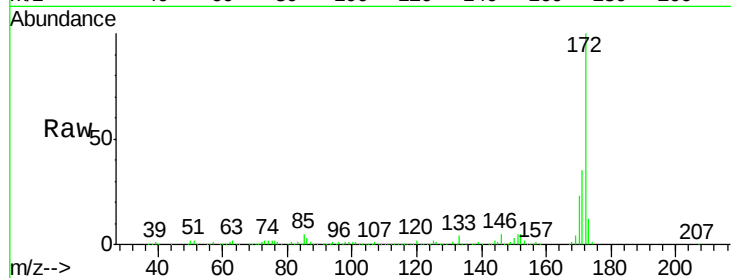




#44
2-Fluorobiphenyl
Concen: 70.67 ng
RT: 10.26 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF077397.D
Acq: 23 Feb 2015 11:22

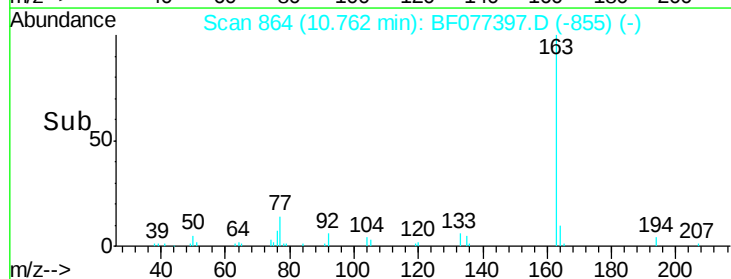
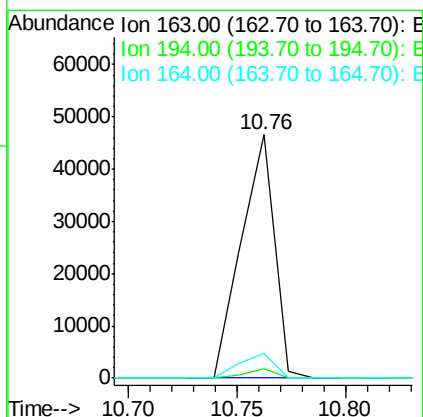
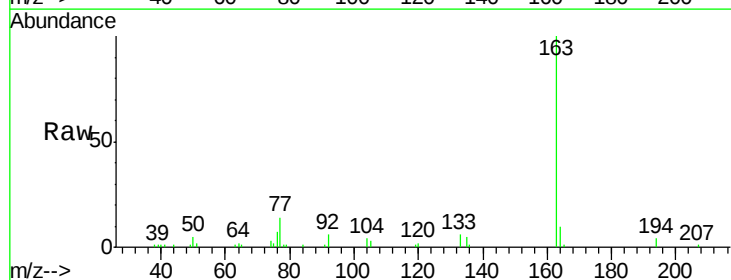
Instrument :
BNA_F
ClientSampleId :
HF-2

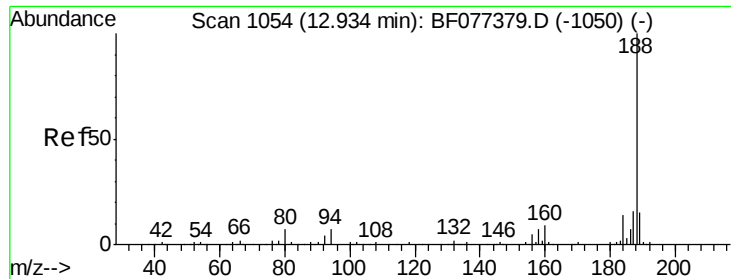
Tot Ion:172 Resp: 874832
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.3 19.4 29.2



#49
Dimethylphthalate
Concen: 3.63 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077397.D
Acq: 23 Feb 2015 11:22

Tgt Ion:163 Resp: 49258
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.4 8.6 13.0

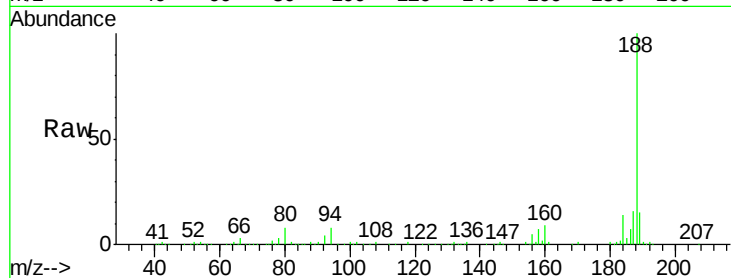




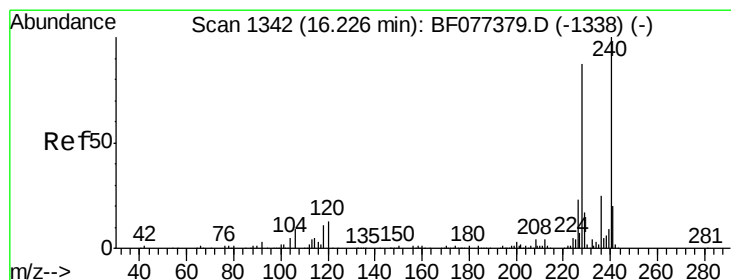
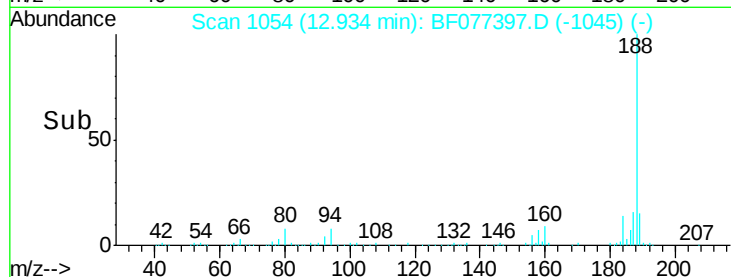
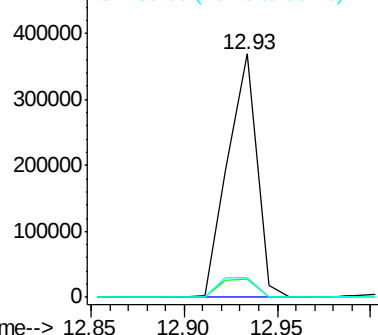
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF077397.D
Acq: 23 Feb 2015 11:22

Instrument :
BNA_F
ClientSampleId :
HF-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.4	11.2
80	8.2	8.0	12.0

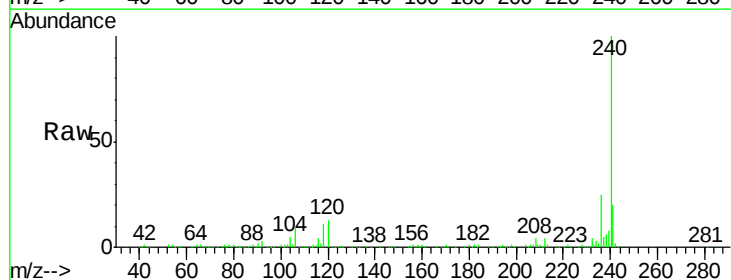


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

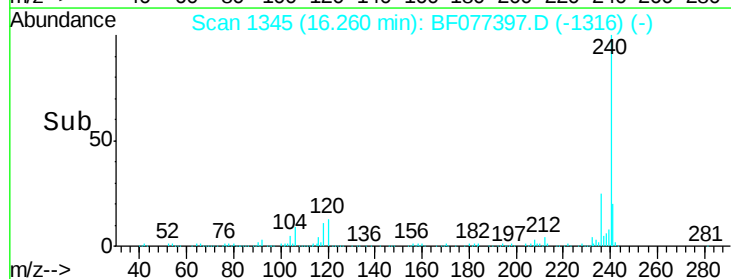
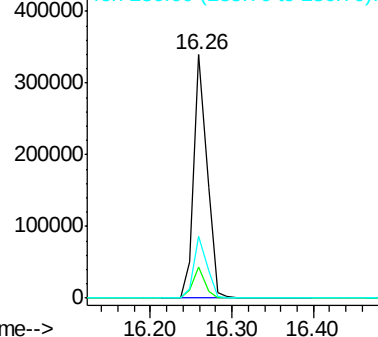


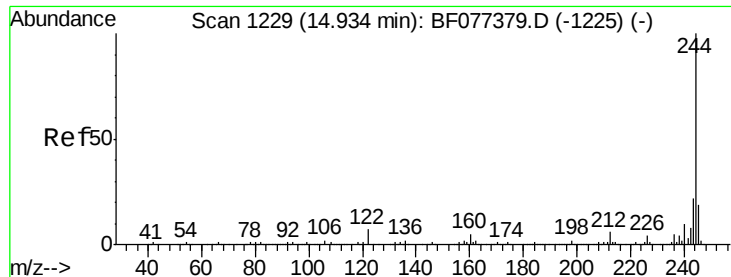
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF077397.D
Acq: 23 Feb 2015 11:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.8	13.2
236	25.2	20.7	31.1



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: 65.41 ng

RT: 14.93 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

Instrument :

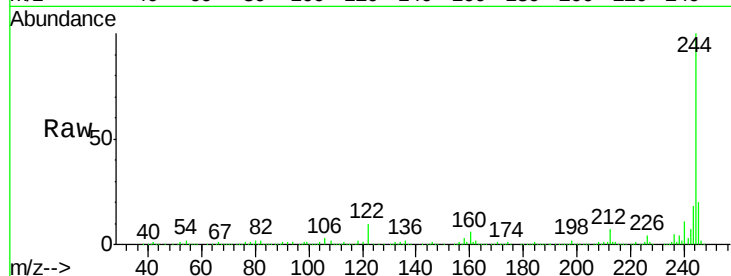
BNA_F

ClientSampleId :

HF-2

Tot Ion:244 Resp: 1074130

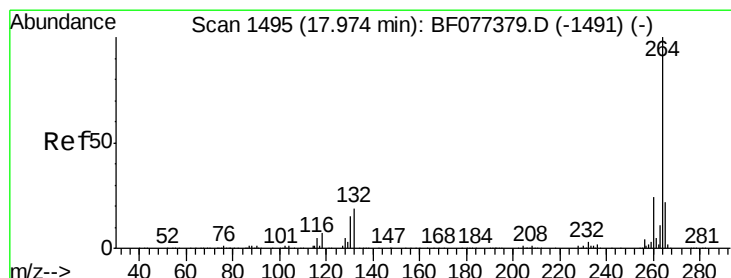
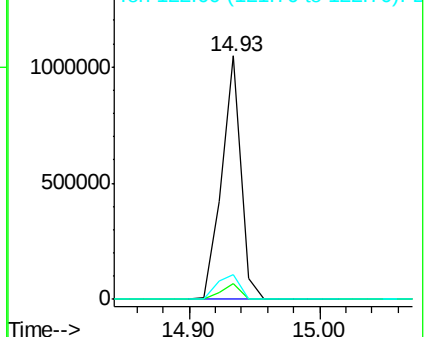
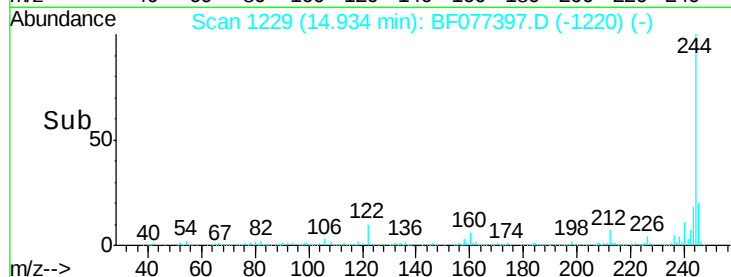
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	9.9	7.8	11.8



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: 18.13 min Scan# 1509

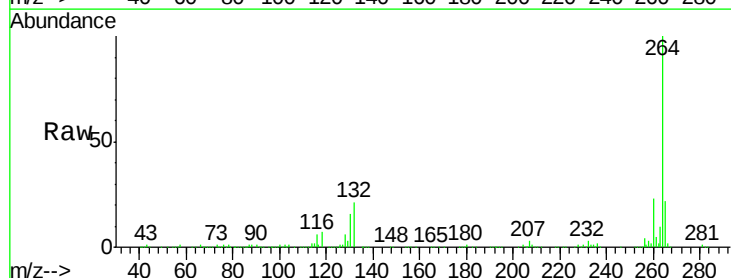
Delta R.T. 0.18 min

Lab File: BF077397.D

Acq: 23 Feb 2015 11:22

Tgt Ion:264 Resp: 356279

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.2	16.8	25.2



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

