

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078387.D
 Acq On : 10 Apr 2015 6:51
 Operator : TP/IZ
 Sample : G1782-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB08(1)

Quant Time: Apr 10 07:16:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

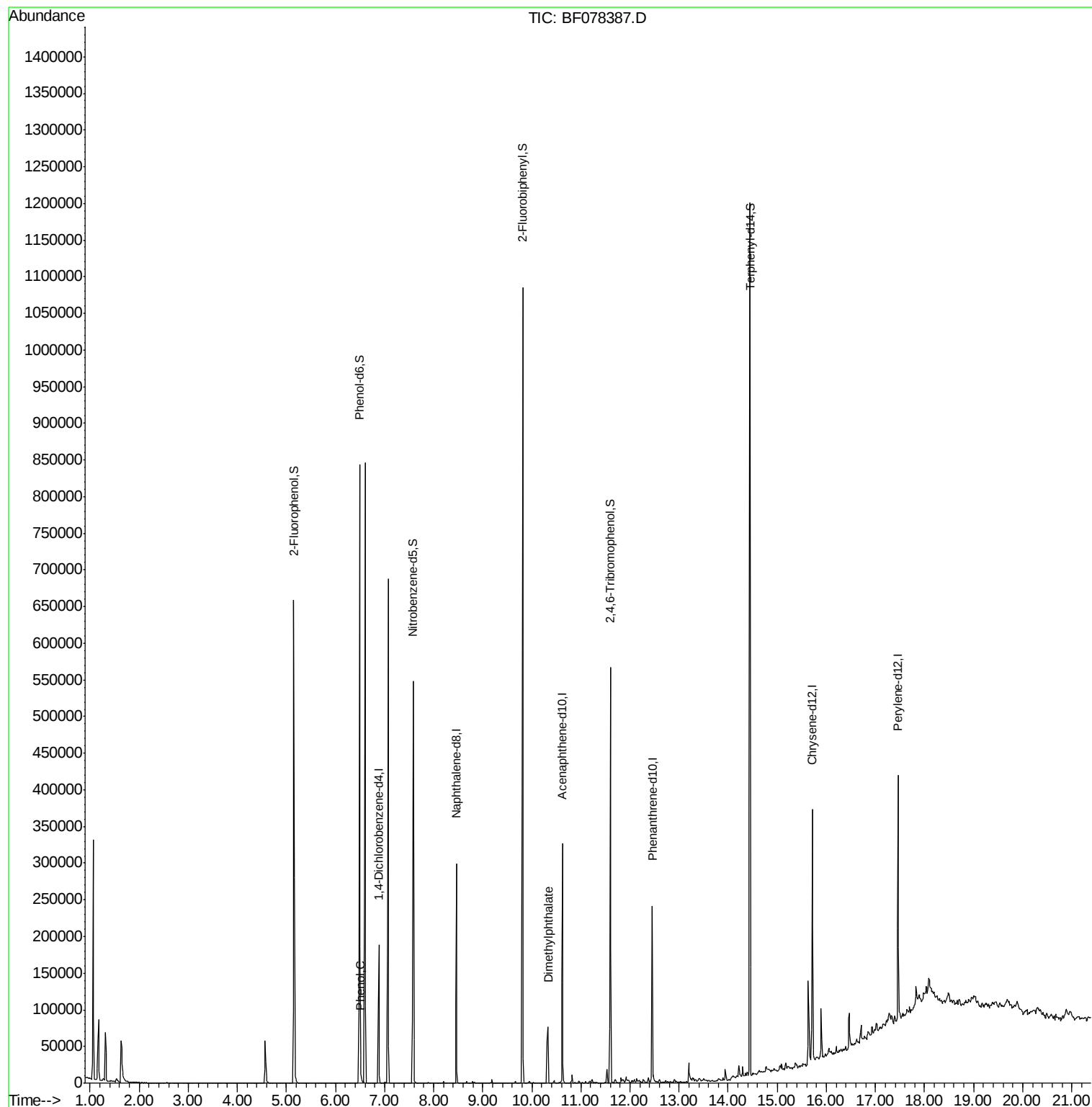
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	35999	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	149916	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	74780	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	140501	20.00	ng	0.01
75) Chrysene-d12	15.71	240	146355	20.00	ng	0.00
86) Perylene-d12	17.46	264	147154	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	227569	104.23	ng	0.01
7) Phenol-d6	6.49	99	295246	107.90	ng	0.01
23) Nitrobenzene-d5	7.58	82	168076	67.96	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	70093	113.02	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	372572	71.22	ng	0.00
78) Terphenyl-d14	14.44	244	417794	64.51	ng	0.00
Target Compounds						
10) Phenol	6.51	94	6650	2.03	ng	Qvalue 85
49) Dimethylphthalate	10.33	163	45809	8.15	ng	# 97

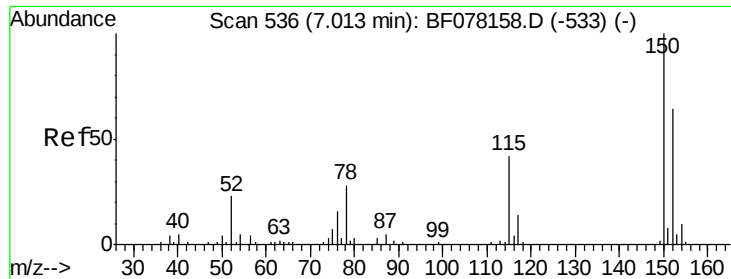
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

Instrument :

BNA_F

ClientSampleId :

SB08(1)

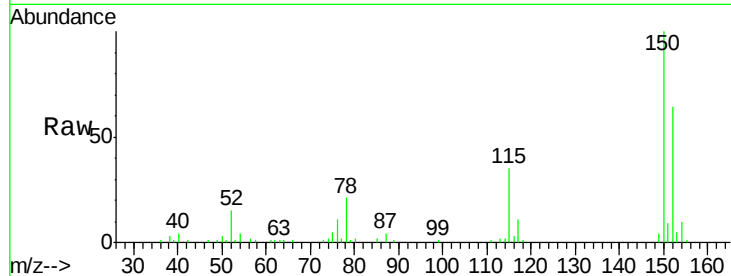
Tot Ion:152 Resp: 35999

Ion Ratio Lower Upper

152 100

150 155.7 125.9 188.9

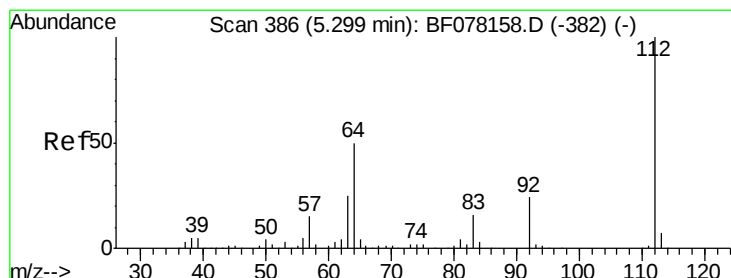
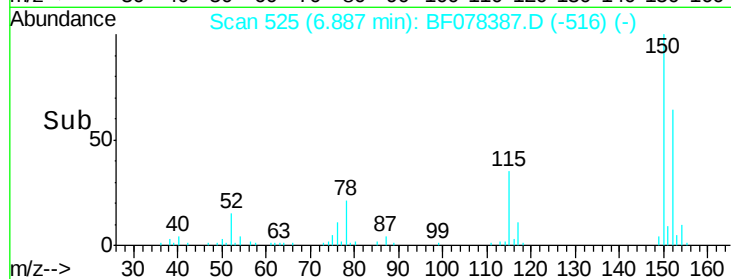
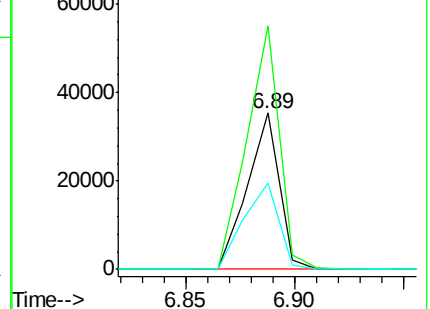
115 55.2 52.7 79.1



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



#5

2-Fluorophenol

Concen: 104.23 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

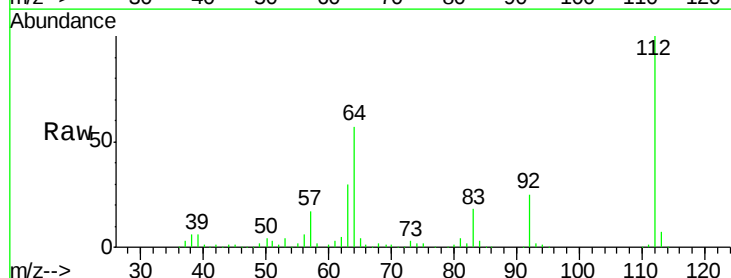
Tgt Ion:112 Resp: 227569

Ion Ratio Lower Upper

112 100

64 57.4 39.9 59.9

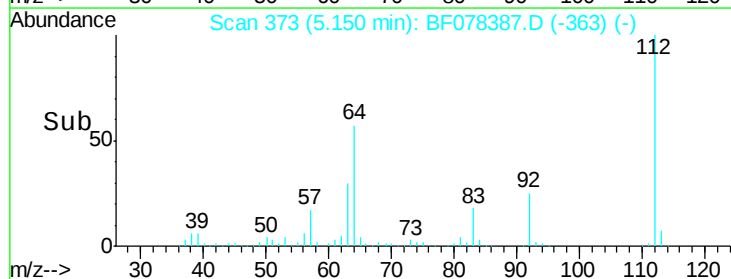
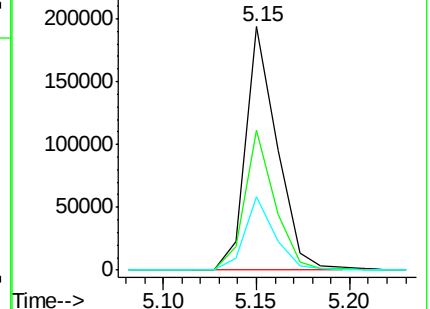
63 30.0 20.2 30.4

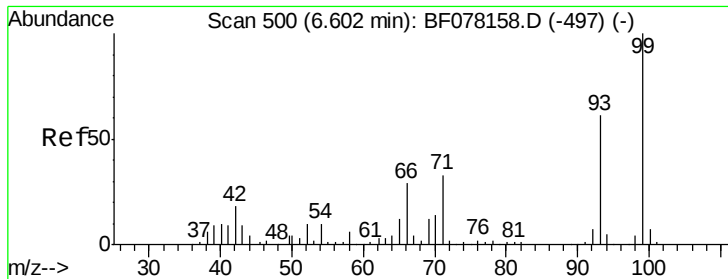


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.90 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

Instrument :

BNA_F

ClientSampleId :

SB08(1)

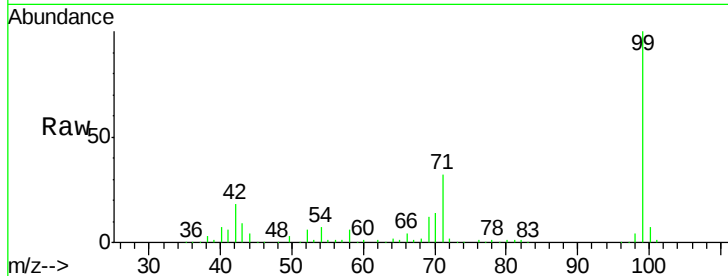
Tot Ion: 99 Resp: 295246

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

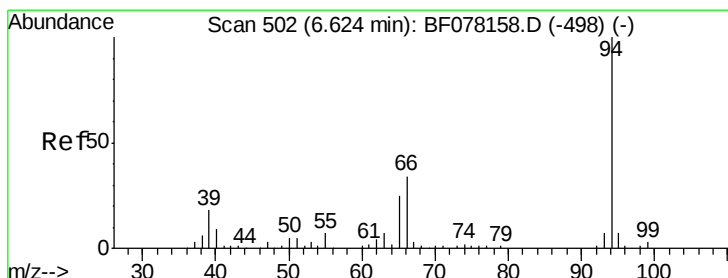
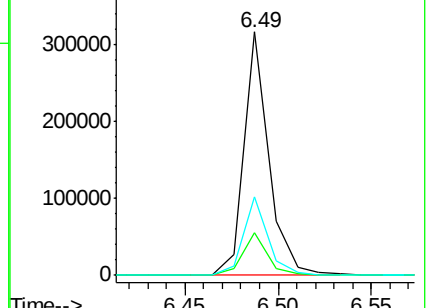
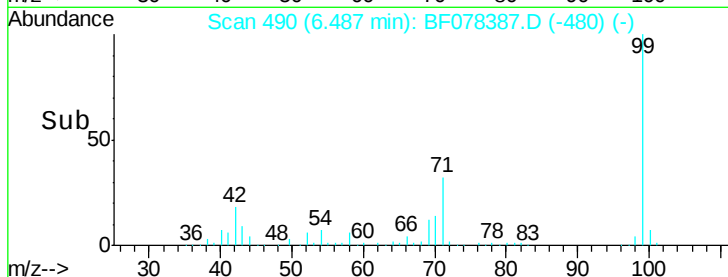
71 32.4 26.6 39.8



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



#10

Phenol

Concen: 2.03 ng

RT: 6.51 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

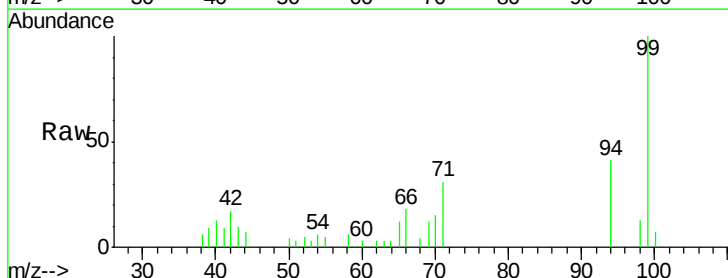
Tgt Ion: 94 Resp: 6650

Ion Ratio Lower Upper

94 100

65 29.8 4.9 44.9

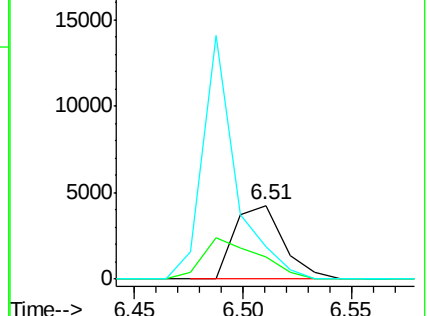
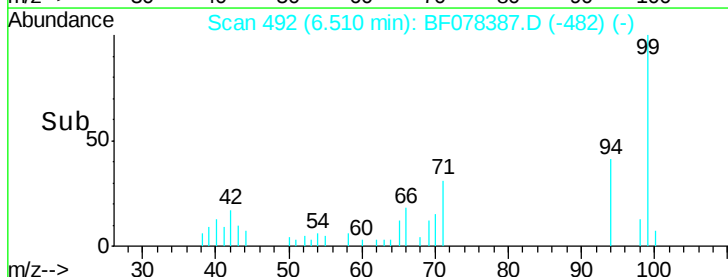
66 44.4 13.8 53.8

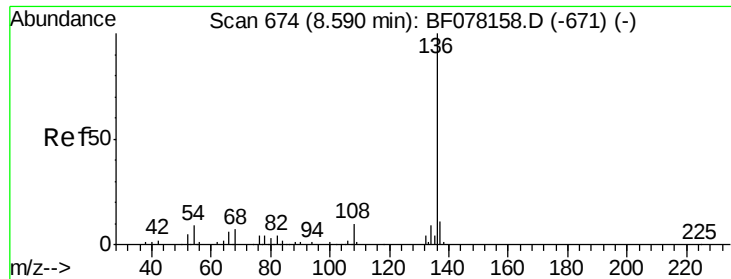


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

Instrument :

BNA_F

ClientSampleId :

SB08(1)

Tot Ion:136 Resp: 149916

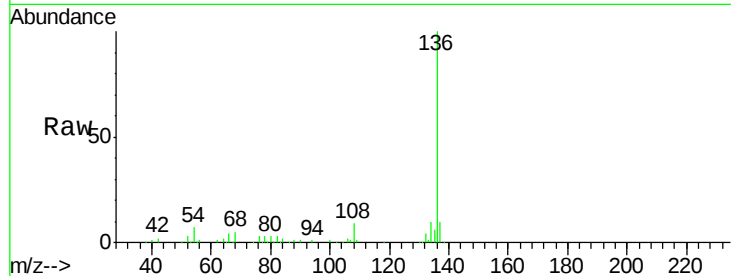
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 6.6 7.0 10.6#

68 4.7 5.4 8.2#

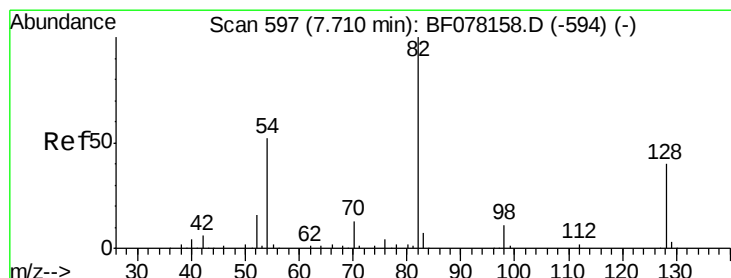
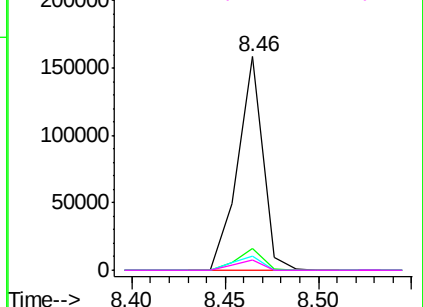
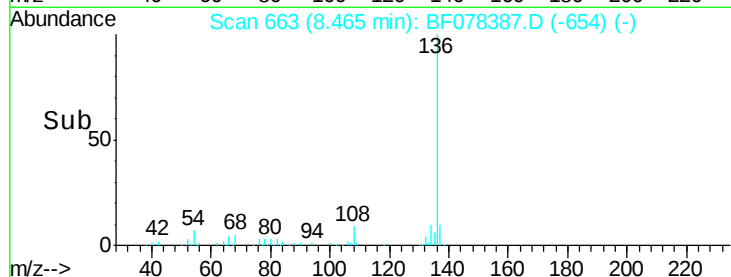


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.96 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

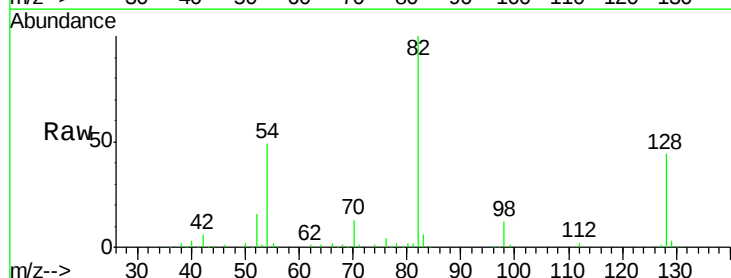
Tgt Ion: 82 Resp: 168076

Ion Ratio Lower Upper

82 100

128 43.9 31.8 47.8

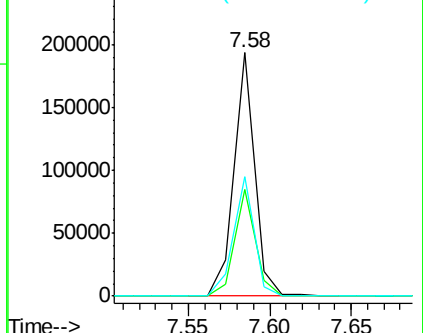
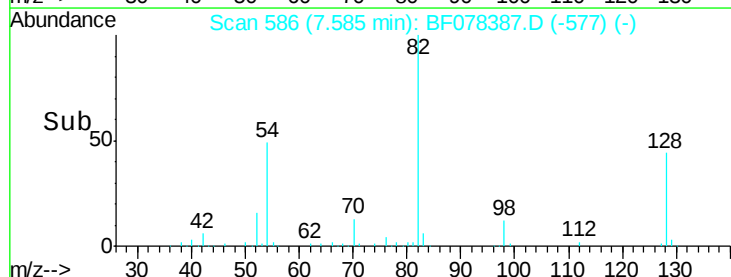
54 49.2 41.5 62.3

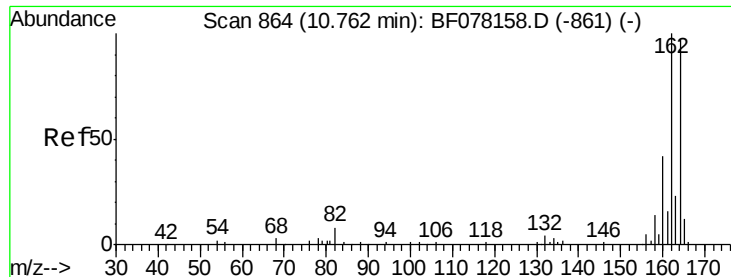


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

Instrument :

BNA_F

ClientSampleId :

SB08(1)

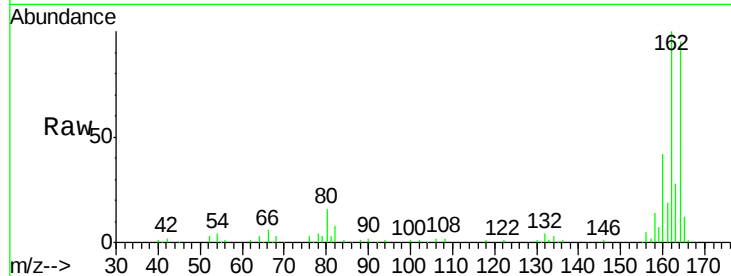
Tot Ion:164 Resp: 74780

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

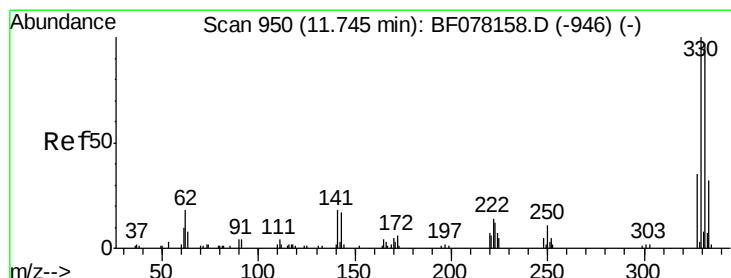
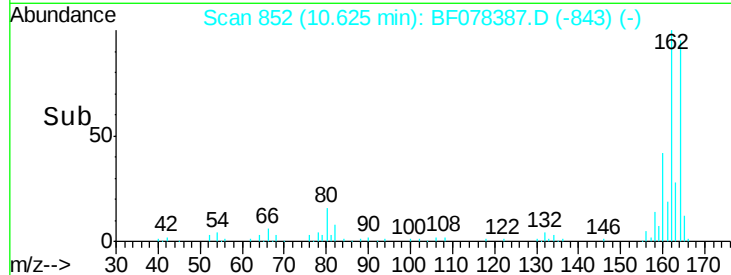
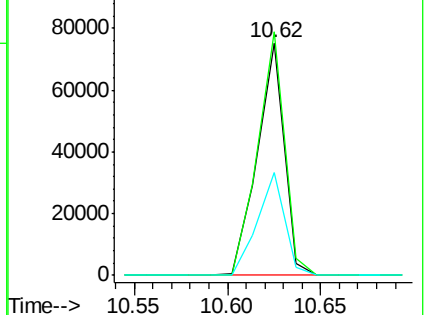
160 44.4 34.7 52.1



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: 113.02 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

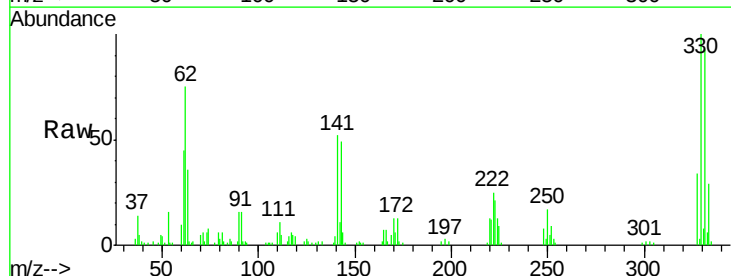
Tgt Ion:330 Resp: 70093

Ion Ratio Lower Upper

330 100

332 94.7 78.6 117.8

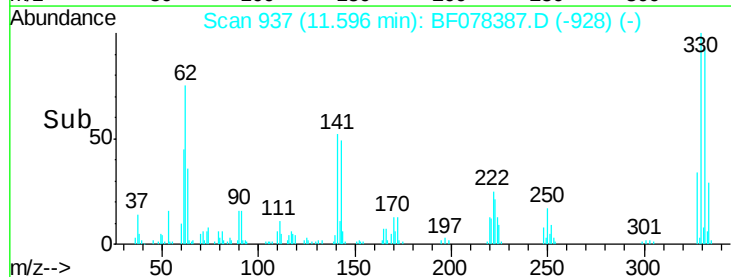
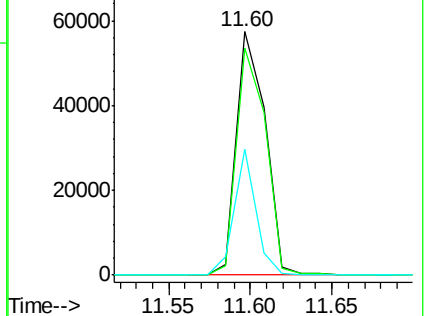
141 38.9 31.2 46.8

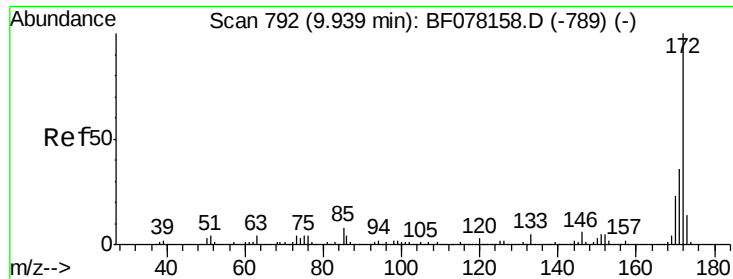


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

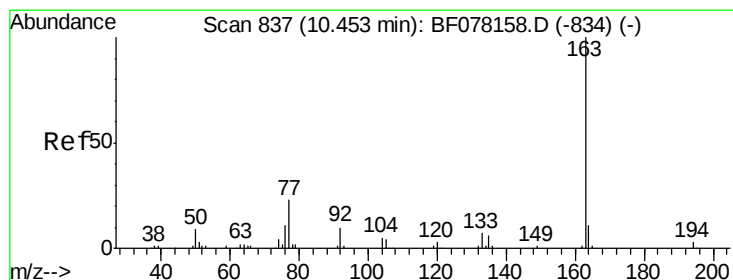
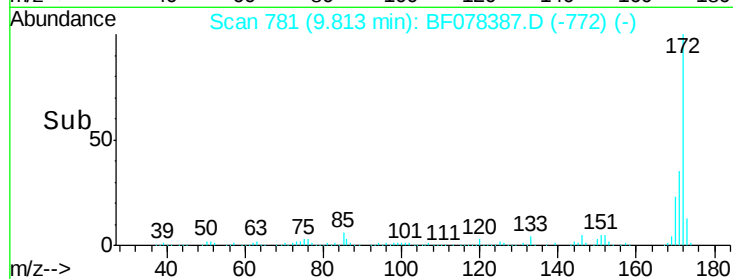
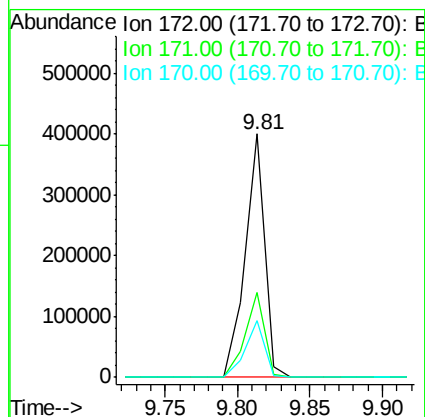
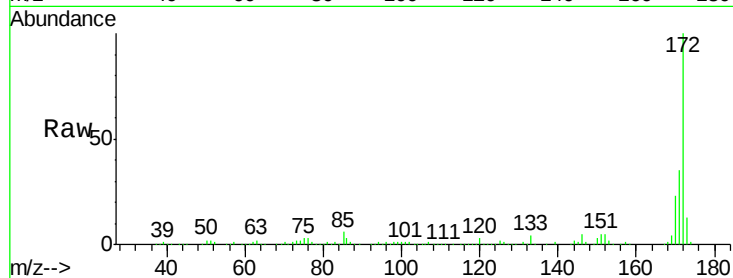




#44
2-Fluorobiphenyl
Concen: 71.22 ng
RT: 9.81 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF078387.D
Acq: 10 Apr 2015 6:51

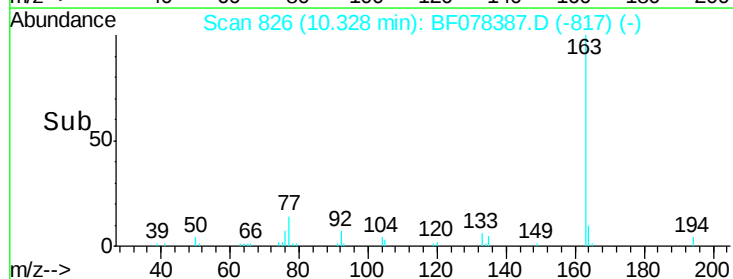
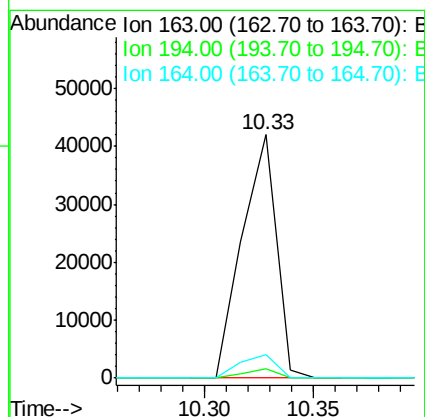
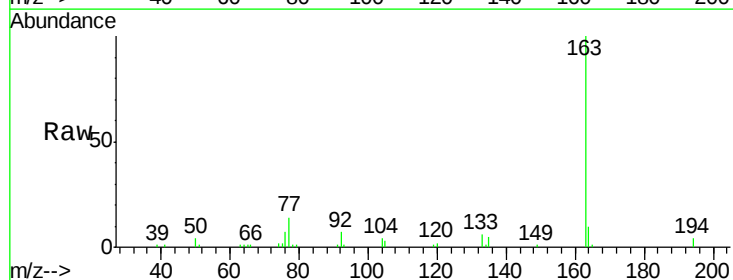
Instrument :
BNA_F
ClientSampleId :
SB08(1)

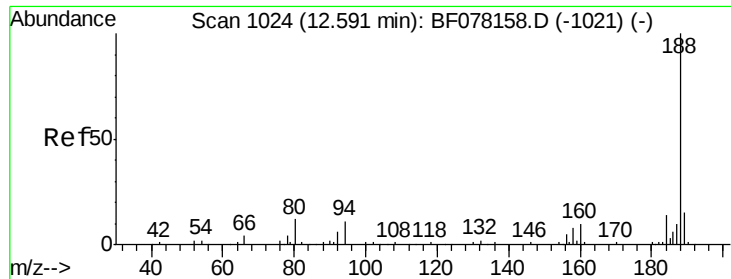
Tot Ion:172 Resp: 372572
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.5 18.5 27.7



#49
Dimethylphthalate
Concen: 8.15 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF078387.D
Acq: 10 Apr 2015 6:51

Tgt Ion:163 Resp: 45809
Ion Ratio Lower Upper
163 100
194 3.8 2.3 3.5#
164 9.5 8.6 13.0

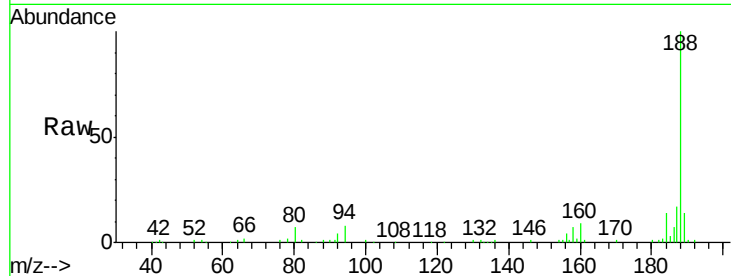




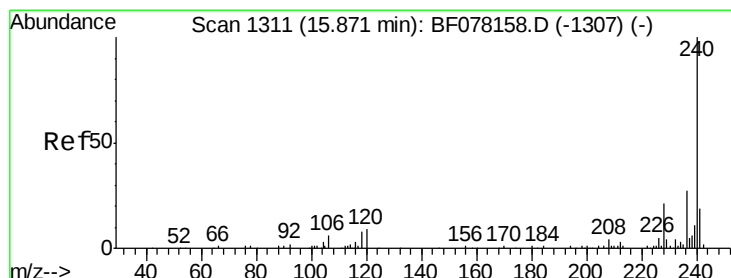
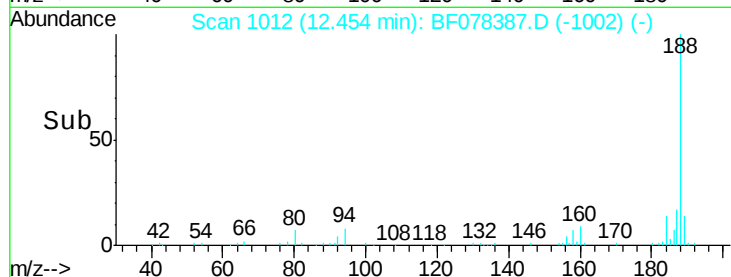
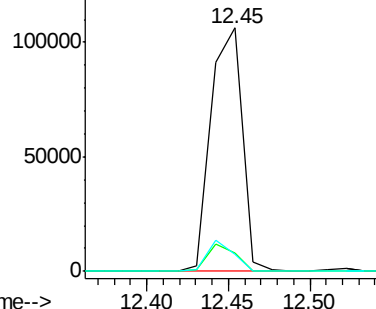
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF078387.D
Acq: 10 Apr 2015 6:51

Instrument :
BNA_F
ClientSampled :
SB08(1)

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.4#
80	7.0	9.5	14.3#

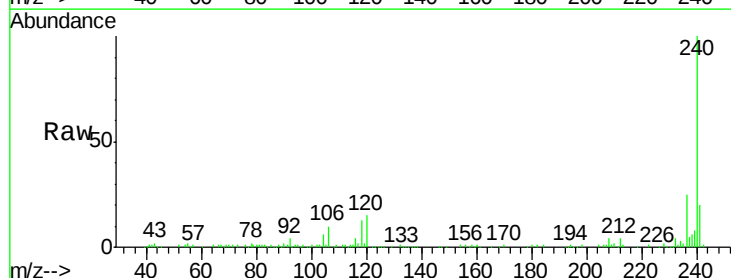


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

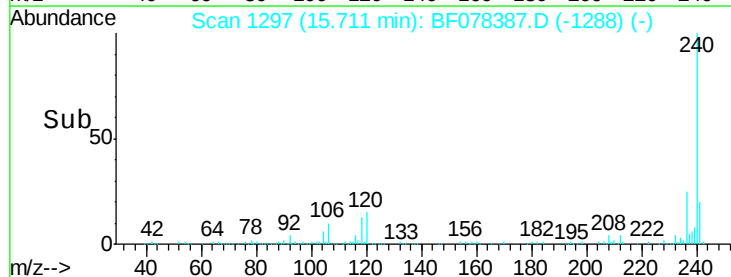
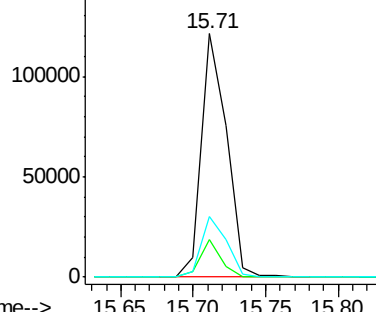


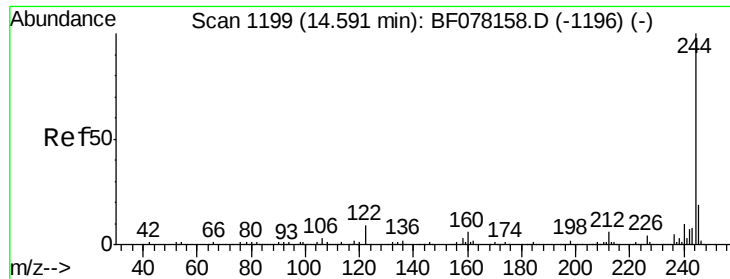
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF078387.D
Acq: 10 Apr 2015 6:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	7.1	10.7#
236	24.8	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: 64.51 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

Instrument :

BNA_F

ClientSampleId :

SB08(1)

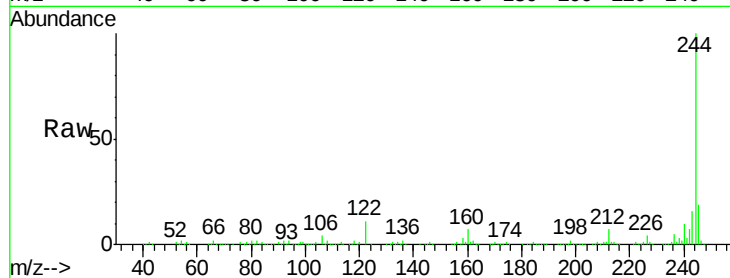
Tot Ion:244 Resp: 417794

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

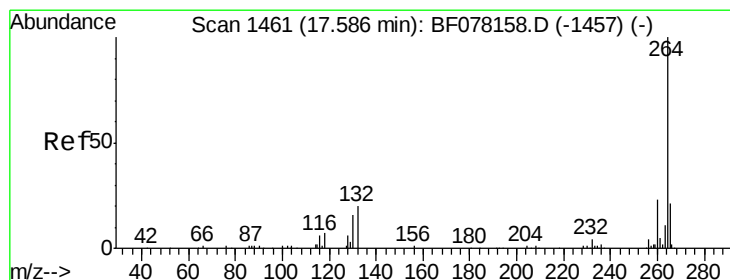
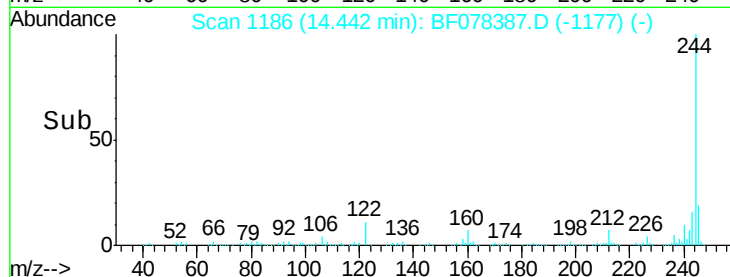
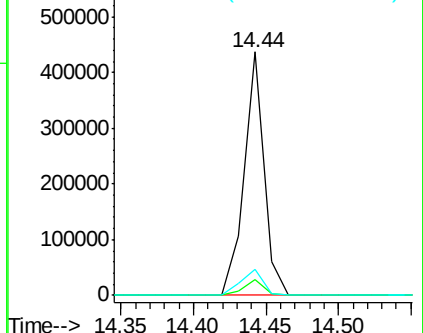
122 10.6 7.1 10.7



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: 17.46 min Scan# 1450

Delta R.T. 0.05 min

Lab File: BF078387.D

Acq: 10 Apr 2015 6:51

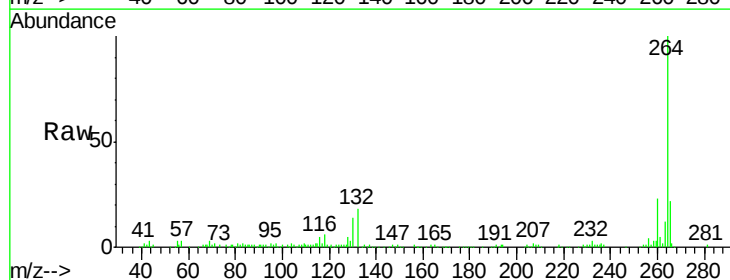
Tgt Ion:264 Resp: 147154

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 22.0 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

