

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075527.D
 Acq On : 15 Nov 2014 8:18
 Operator : TP / JJ
 Sample : F4737-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-01

Quant Time: Nov 16 02:35:25 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

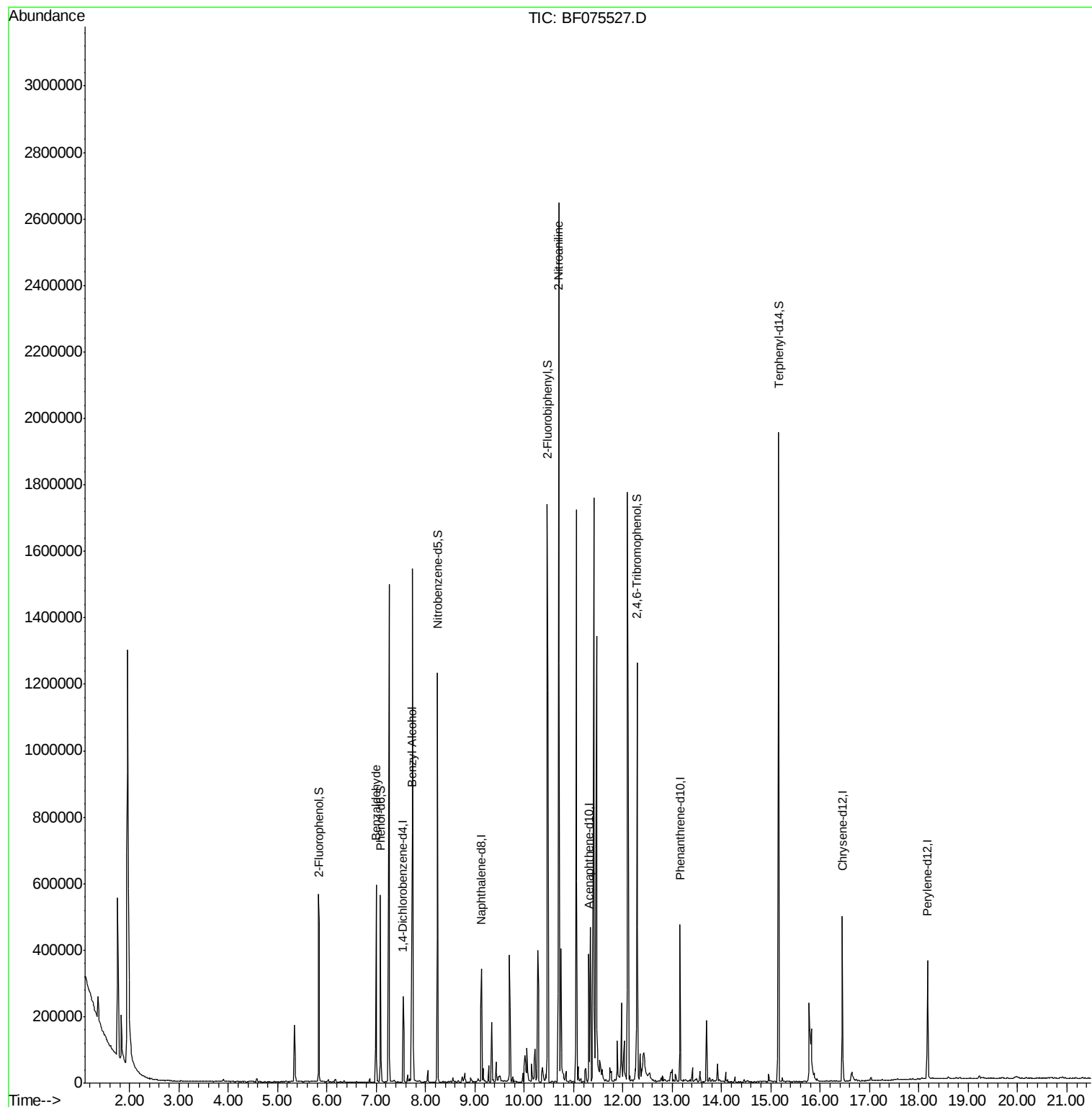
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	46399	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	201115	20.00	ng	0.00
38) Acenaphthene-d10	11.31	164	100465	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	174761	20.00	ng	0.00
75) Chrysene-d12	16.45	240	185340	20.00	ng	-0.01
86) Perylene-d12	18.17	264	179142	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	221349	84.28	ng	0.01
7) Phenol-d6	7.09	99	170553	54.00	ng	0.00
23) Nitrobenzene-d5	8.24	82	386151	140.77	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	156916	186.48	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	725539	130.50	ng	-0.01
78) Terphenyl-d14	15.16	244	795549	115.56	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	105738	49.77	ng	95
15) Benzyl Alcohol	7.73	79	93630	37.76	ng	99
47) 2-Nitroaniline	10.70	65	32713	20.52	ng	# 36

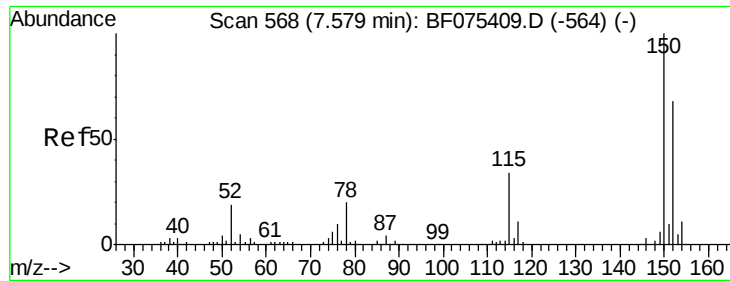
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

Instrument :

BNA_F

ClientSampleId :

EB-01

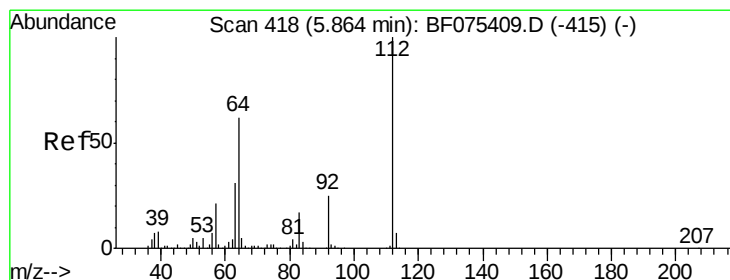
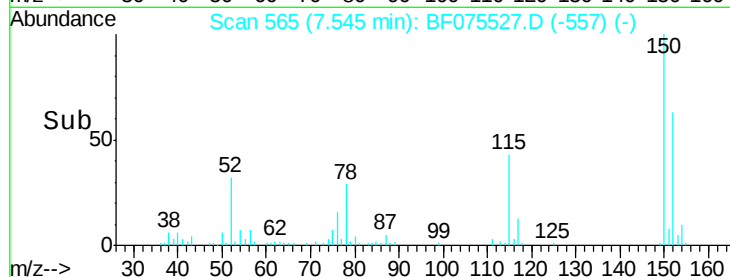
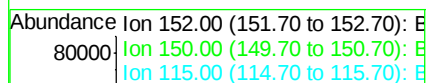
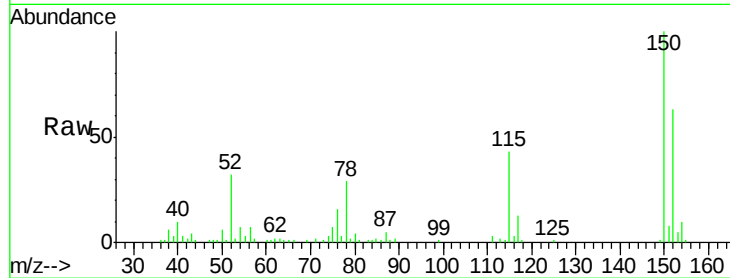
Tgt Ion:152 Resp: 46399

Ion Ratio Lower Upper

152 100

150 159.4 127.2 190.8

115 67.9 57.1 85.7



#5

2-Fluorophenol

Concen: 84.28 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

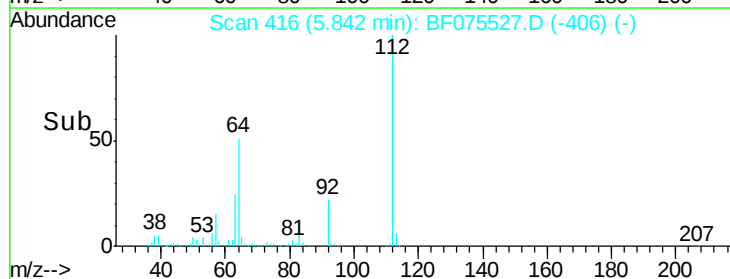
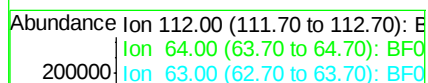
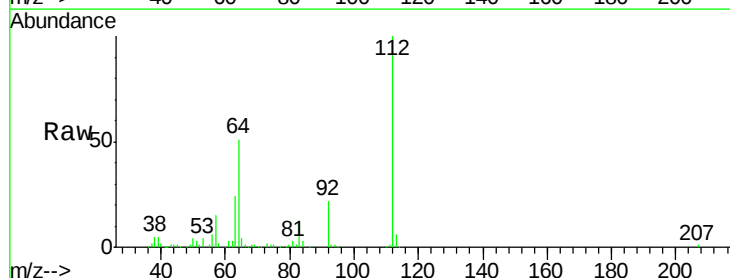
Tgt Ion:112 Resp: 221349

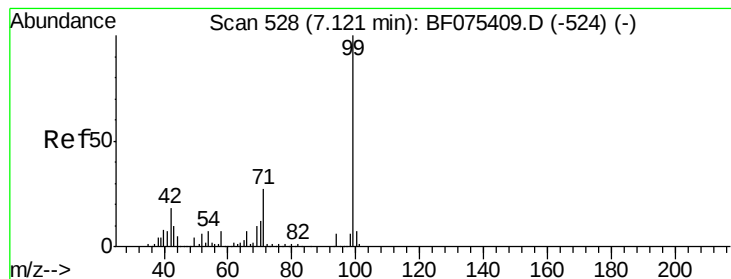
Ion Ratio Lower Upper

112 100

64 51.4 45.8 68.6

63 24.4 22.7 34.1





#7

Phenol-d6

Concen: 54.00 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

Instrument :

BNA_F

ClientSampleId :

EB-01

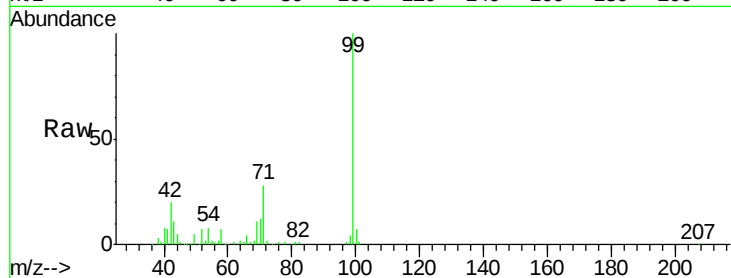
Tgt Ion: 99 Resp: 170553

Ion Ratio Lower Upper

99 100

42 20.5 19.8 29.6

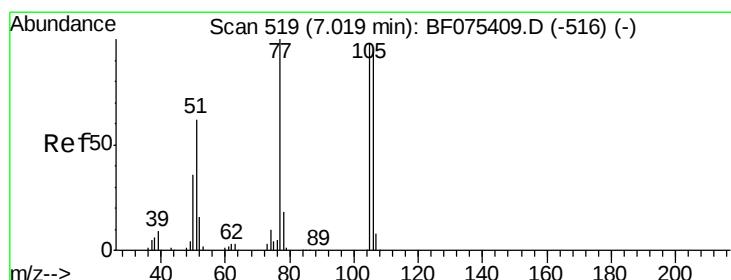
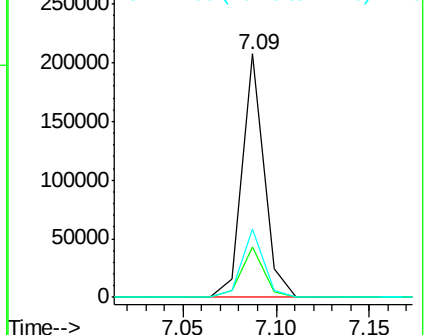
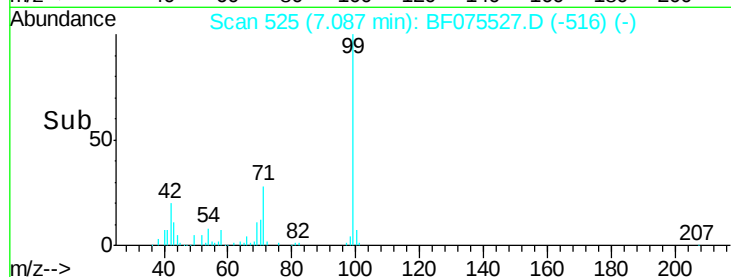
71 27.8 25.5 38.3



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



#9

Benzaldehyde

Concen: 49.77 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

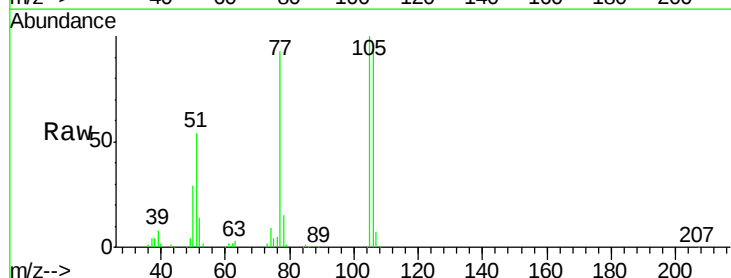
Tgt Ion: 77 Resp: 105738

Ion Ratio Lower Upper

77 100

105 107.4 81.6 121.6

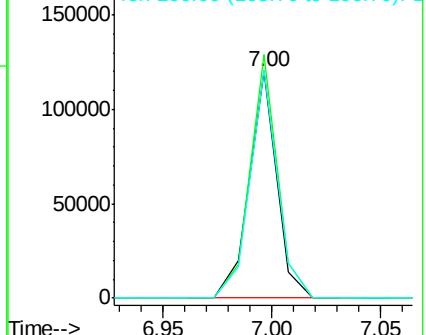
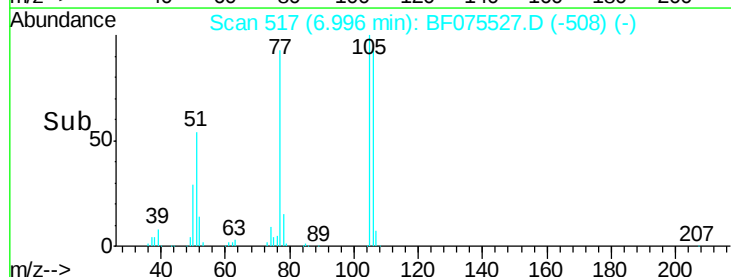
106 100.7 77.5 117.5

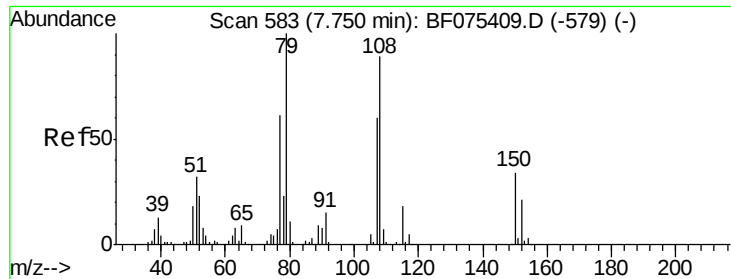


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 37.76 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

Instrument :

BNA_F

ClientSampleId :

EB-01

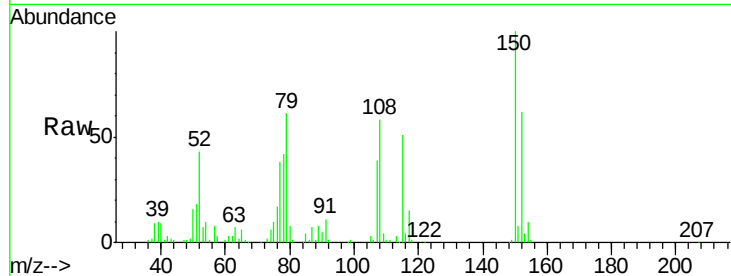
Tgt Ion: 79 Resp: 93630

Ion Ratio Lower Upper

79 100

108 94.6 75.5 113.3

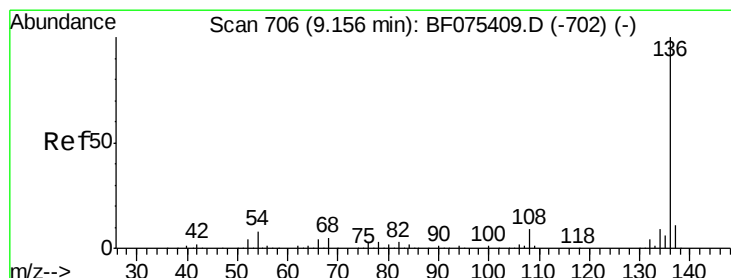
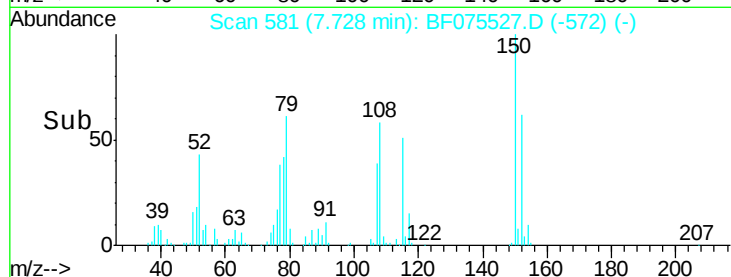
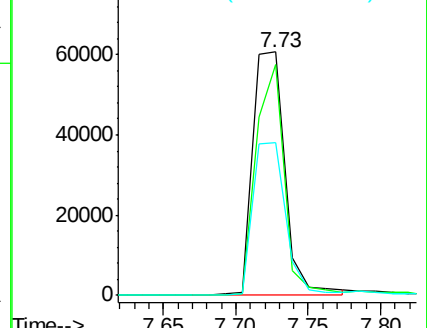
77 62.9 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

Tgt Ion: 136 Resp: 201115

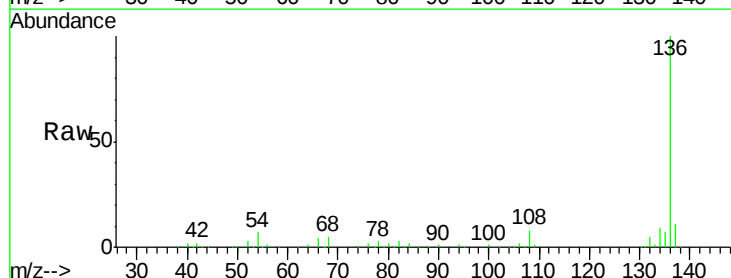
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 7.1 6.2 9.4

68 5.2 3.4 5.2#

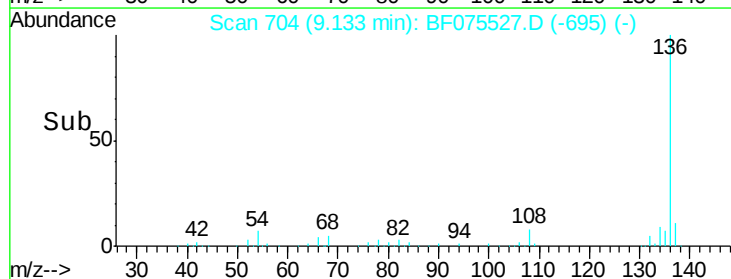
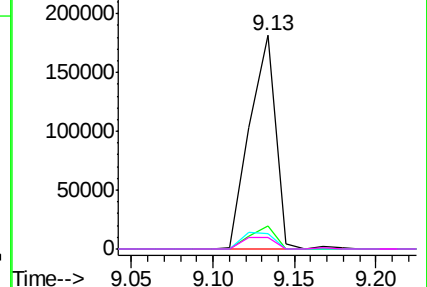


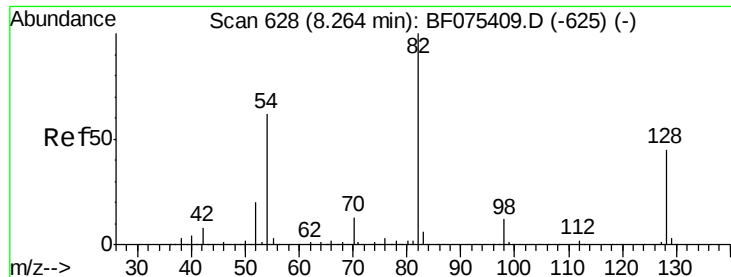
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

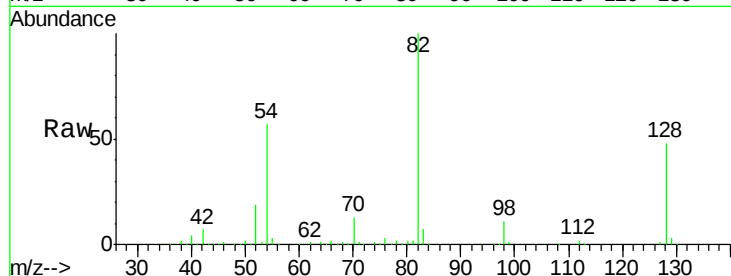




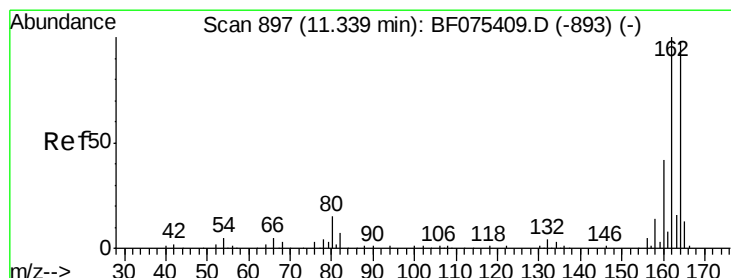
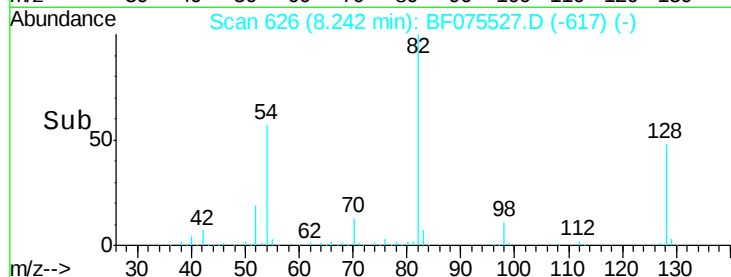
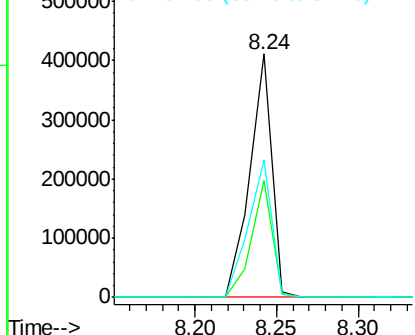
#23
 Nitrobenzene-d5
 Concen: 140.77 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075527.D
 Acq: 15 Nov 2014 8:18

Instrument :
 BNA_F
 ClientSampleId :
 EB-01

Tgt Ion: 82 Resp: 386151
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.8 56.6
 54 56.5 49.8 74.8

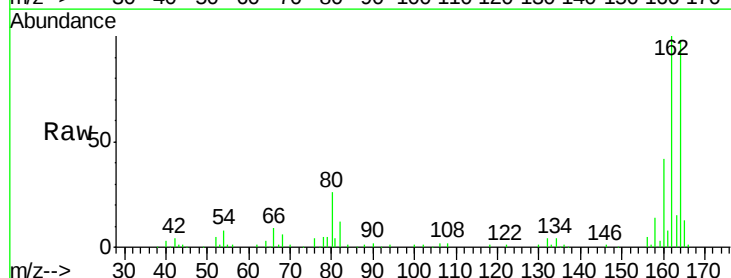


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

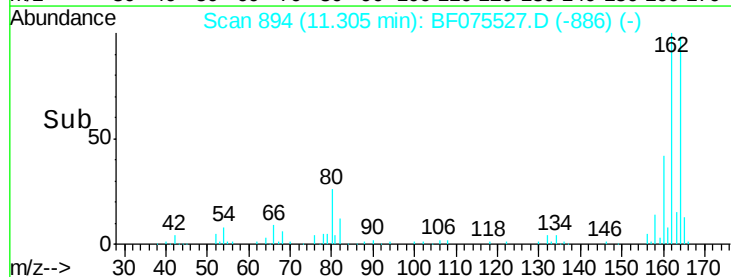
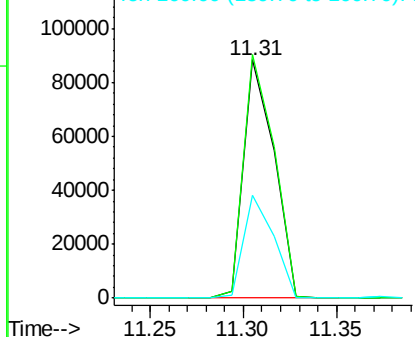


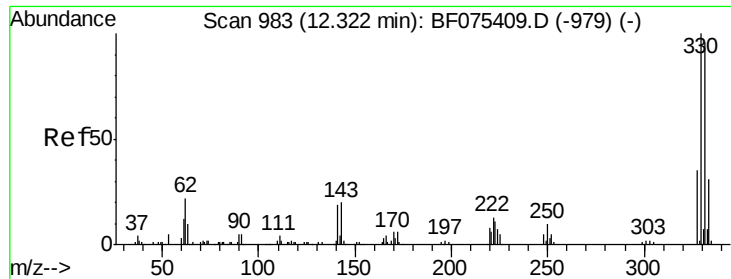
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF075527.D
 Acq: 15 Nov 2014 8:18

Tgt Ion: 164 Resp: 100465
 Ion Ratio Lower Upper
 164 100
 162 102.3 79.1 118.7
 160 43.1 34.6 51.8



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

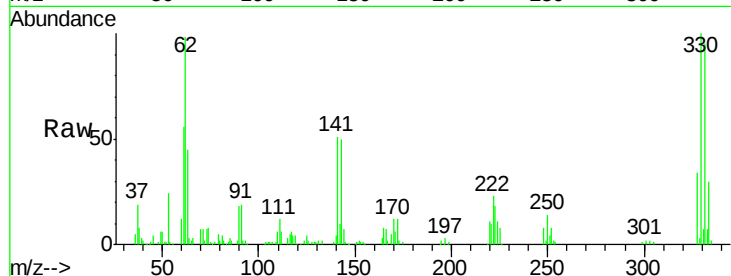




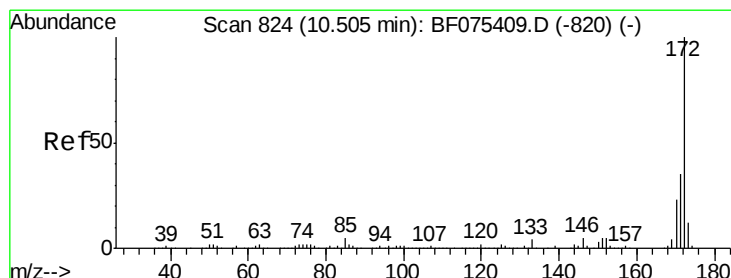
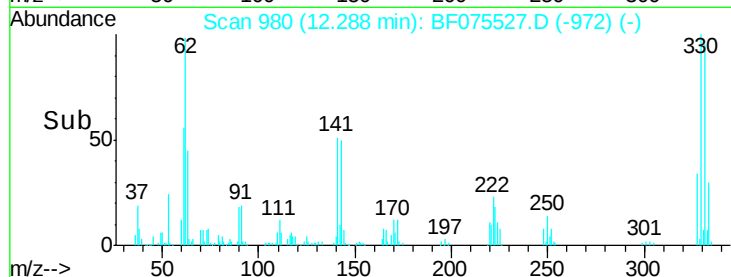
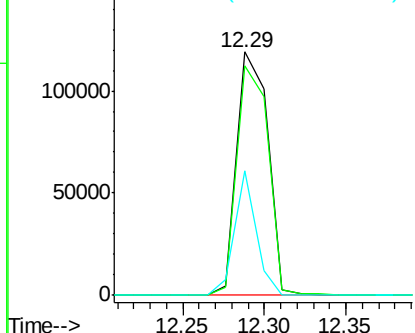
#41
 2,4,6-Tribromophenol
 Concen: 186.48 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075527.D
 Acq: 15 Nov 2014 8:18

Instrument :
 BNA_F
 ClientSampleId :
 EB-01

Tgt Ion:330 Resp: 156916
 Ion Ratio Lower Upper
 330 100
 332 95.3 74.5 111.7
 141 35.6 30.7 46.1

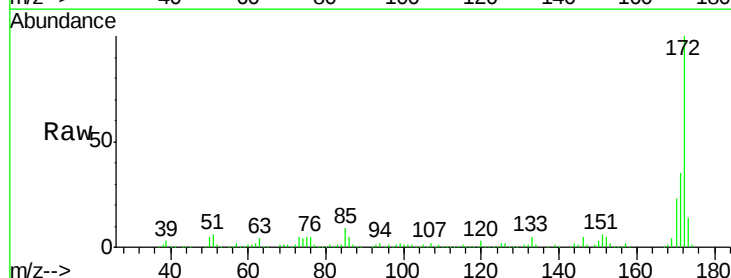


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

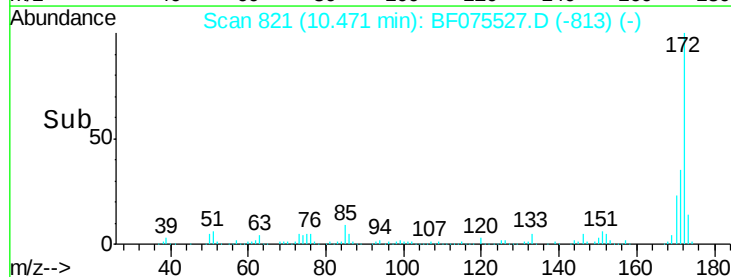
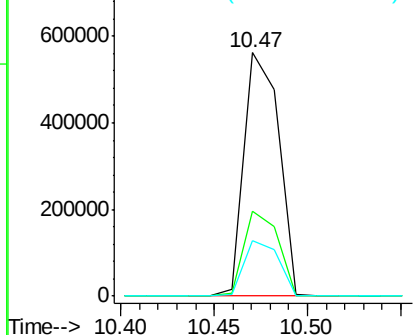


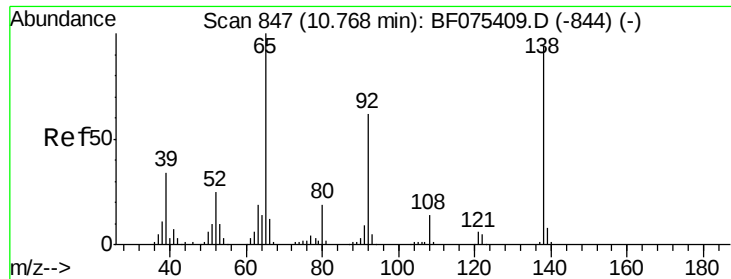
#44
 2-Fluorobiphenyl
 Concen: 130.50 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075527.D
 Acq: 15 Nov 2014 8:18

Tgt Ion:172 Resp: 725539
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.3 40.9
 170 23.0 18.4 27.6



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





#47

2-Nitroaniline

Concen: 20.52 ng

RT: 10.70 min Scan# 841

Delta R.T. -0.05 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

Instrument :

BNA_F

ClientSampleId :

EB-01

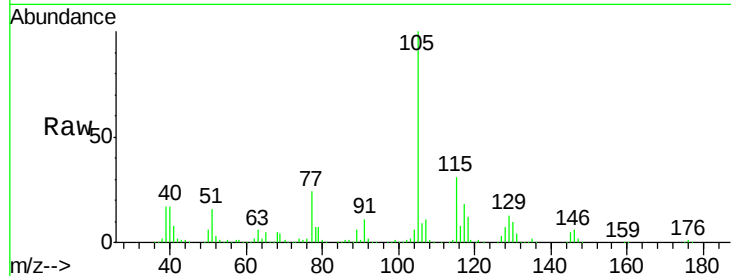
Tgt Ion: 65 Resp: 32713

Ion Ratio Lower Upper

65 100

92 36.0 46.7 70.1#

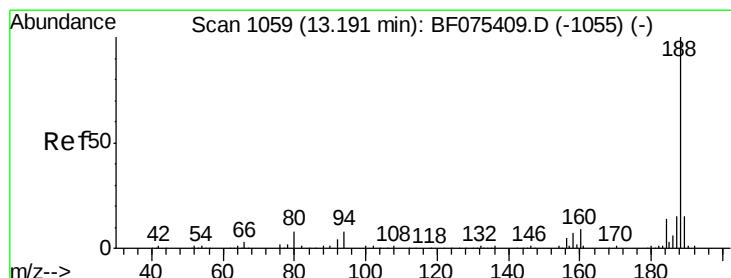
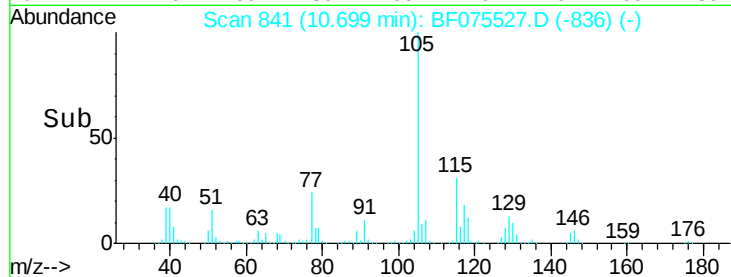
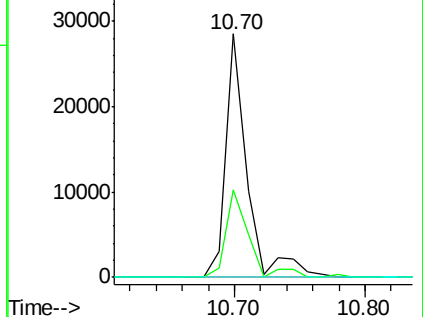
138 0.0 62.8 94.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

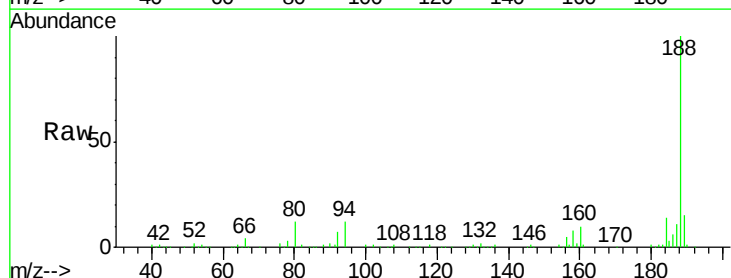
Tgt Ion: 188 Resp: 174761

Ion Ratio Lower Upper

188 100

94 12.0 7.8 11.6#

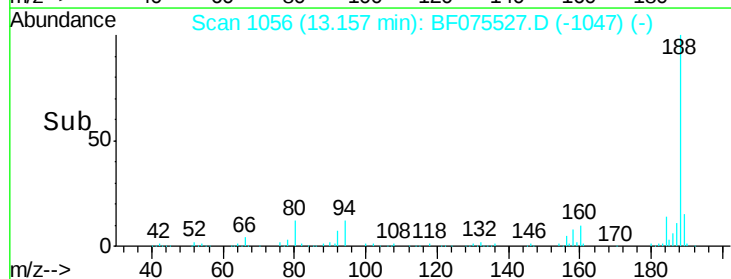
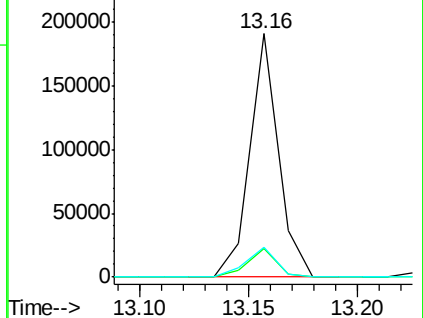
80 12.5 8.0 12.0#

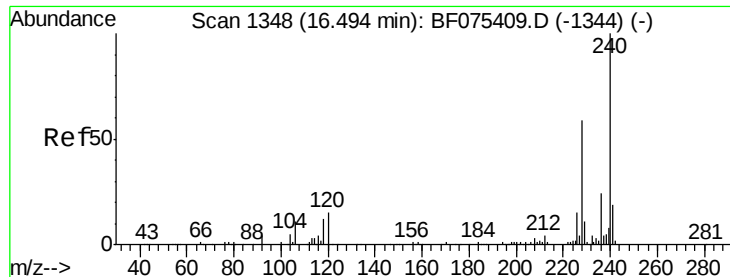


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

Instrument :

BNA_F

ClientSampled :

EB-01

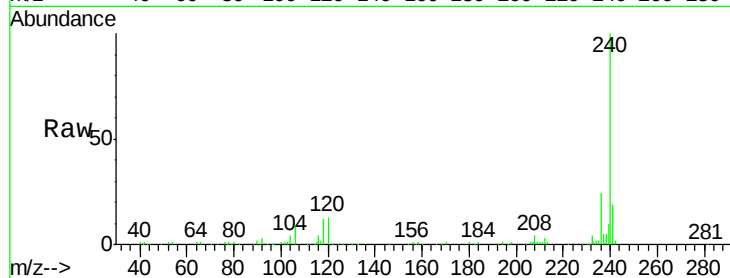
Tgt Ion:240 Resp: 185340

Ion Ratio Lower Upper

240 100

120 13.4 9.6 14.4

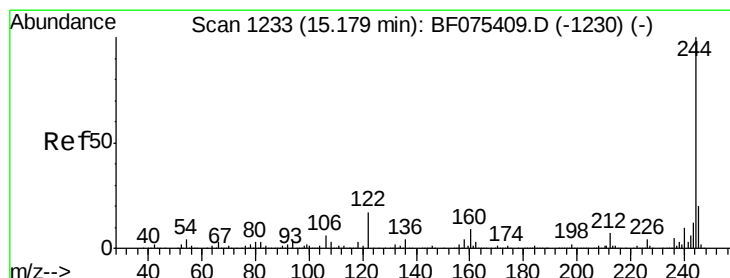
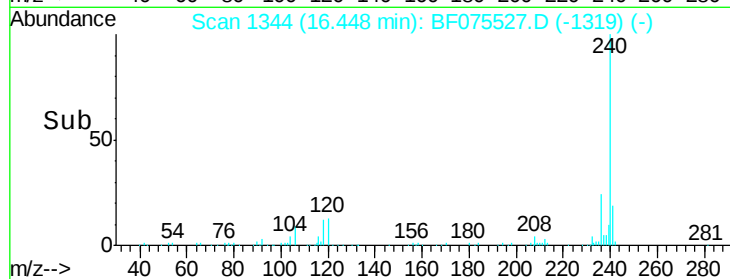
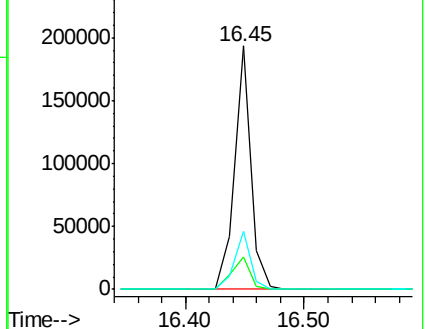
236 23.9 18.9 28.3



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: 115.56 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075527.D

Acq: 15 Nov 2014 8:18

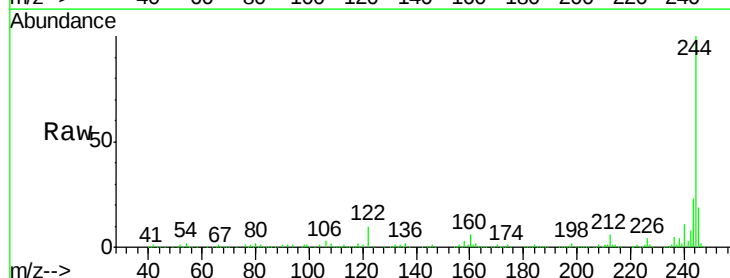
Tgt Ion:244 Resp: 795549

Ion Ratio Lower Upper

244 100

212 6.0 5.5 8.3

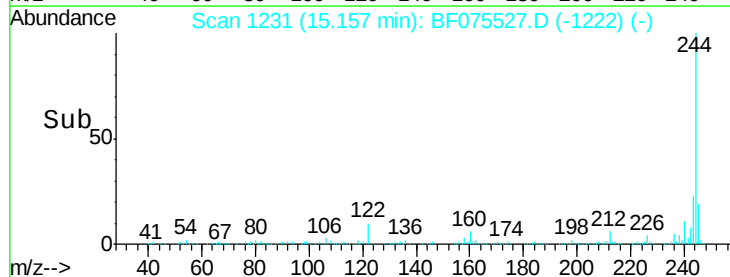
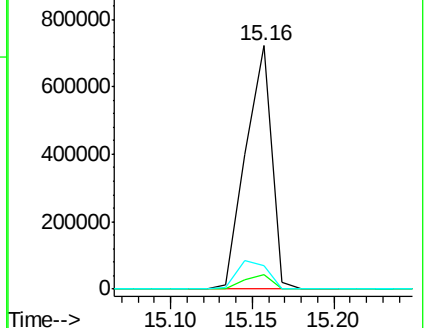
122 9.8 9.7 14.5

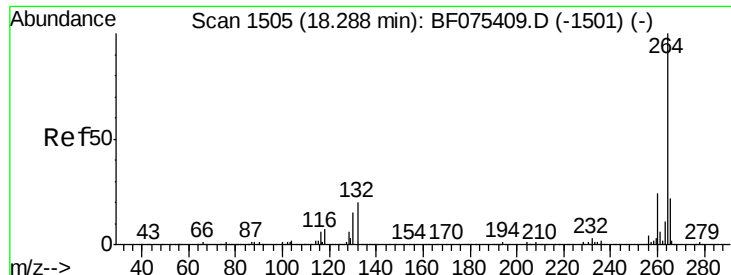


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

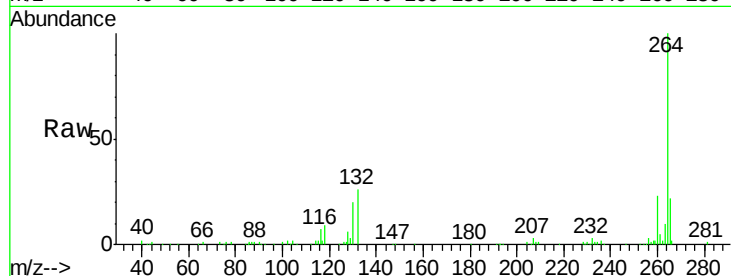




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.17 min Scan# 1495
Delta R.T. -0.06 min
Lab File: BF075527.D
Acq: 15 Nov 2014 8:18

Instrument :
BNA_F
ClientSampleId :
EB-01

Tgt Ion: 264 Resp: 179142
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 21.9 16.3 24.5



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

