

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077490.D
 Acq On : 27 Feb 2015 5:01
 Operator : TP/IZ
 Sample : G1385-12
 Misc : S
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-12-D910

Quant Time: Feb 27 07:18:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

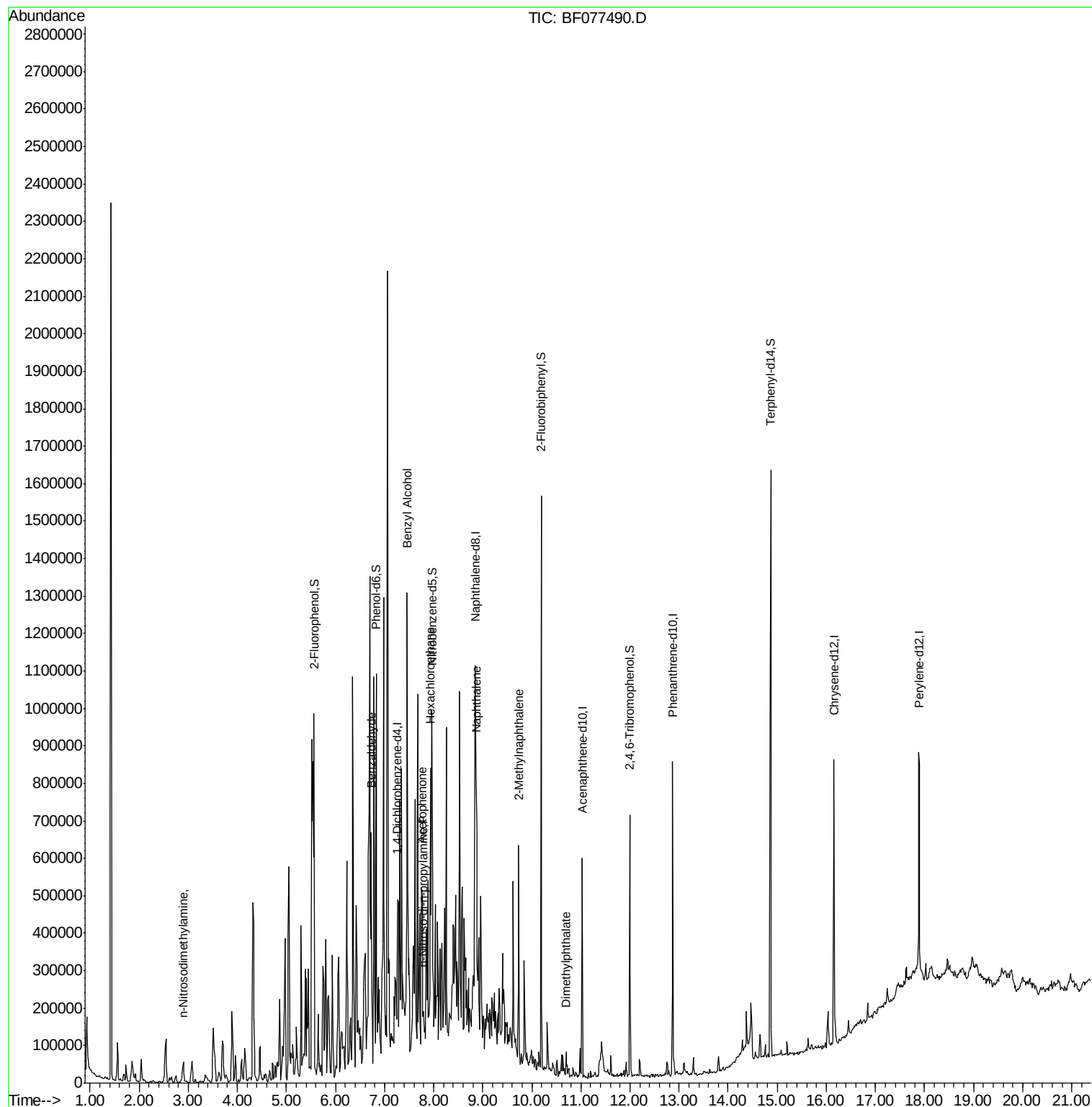
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70324	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	279439	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	151397	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	321799	20.00	ng	0.00
75) Chrysene-d12	16.15	240	359129	20.00	ng	0.00
86) Perylene-d12	17.89	264	329621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	270271	64.16	ng	0.01
7) Phenol-d6	6.83	99	381191	70.38	ng	0.00
23) Nitrobenzene-d5	7.96	82	234158	52.11	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	89254	61.23	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	458335	47.20	ng	0.00
78) Terphenyl-d14	14.86	244	653291	42.53	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.89	42	4932	2.22	ng	# 1
9) Benzaldehyde	6.73	77	18629	5.67	ng	# 1
15) Benzyl Alcohol	7.47	79	10969	2.66	ng	# 58
18) Hexachloroethane	7.93	117	44998	24.47	ng	# 26
19) n-Nitroso-di-n-propylamine	7.78	70	14057	4.09	ng	# 76
22) Acetophenone	7.76	105	91546	13.93	ng	# 51
31) Naphthalene	8.87	128	234338	16.77	ng	99
37) 2-Methylnaphthalene	9.73	142	159420	16.06	ng	99
49) Dimethylphthalate	10.70	163	23672	2.22	ng	99

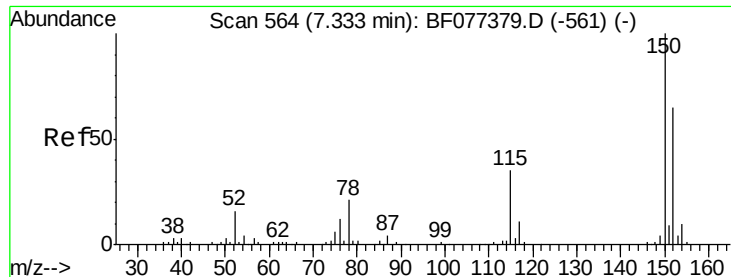
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

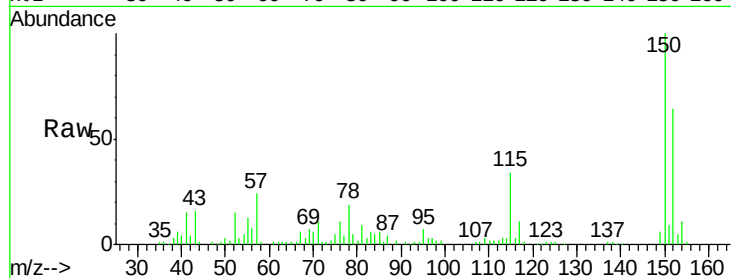
Tgt Ion:152 Resp: 70324

Ion Ratio Lower Upper

152 100

150 155.6 124.0 186.0

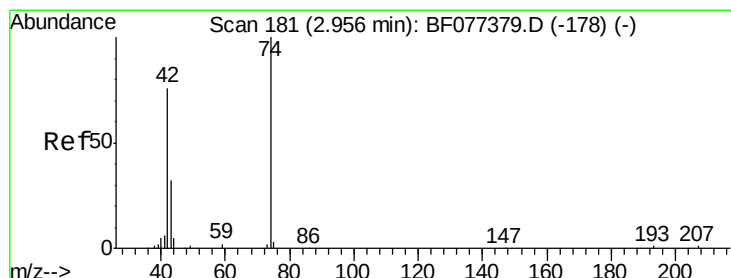
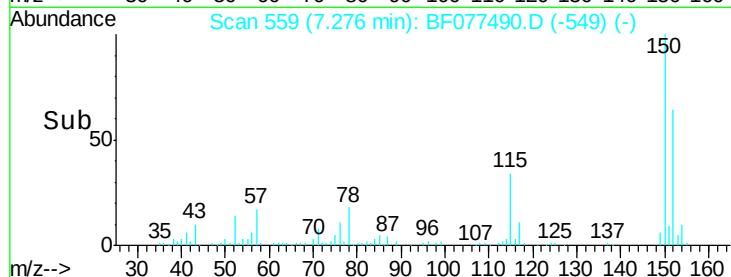
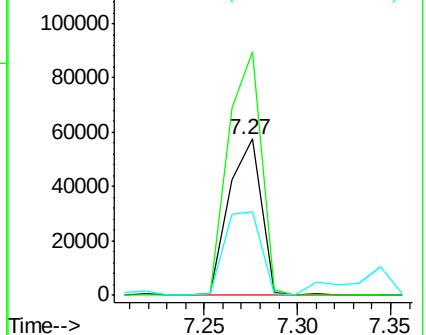
115 53.1 49.4 74.2



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



#4

n-Nitrosodimethylamine

Concen: 2.22 ng

RT: 2.89 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

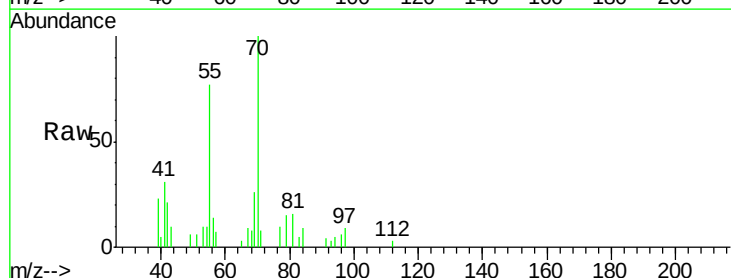
Tgt Ion: 42 Resp: 4932

Ion Ratio Lower Upper

42 100

74 0.0 107.1 160.7#

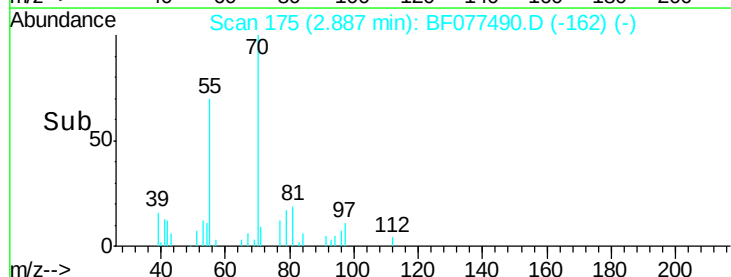
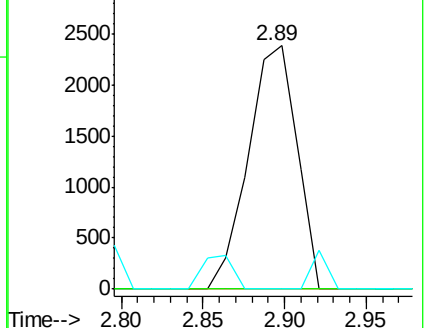
44 0.0 6.7 10.1#

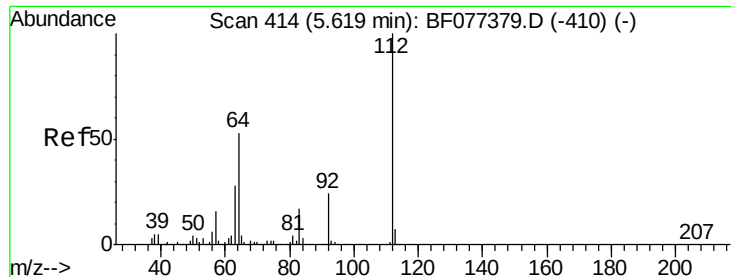


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 64.16 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

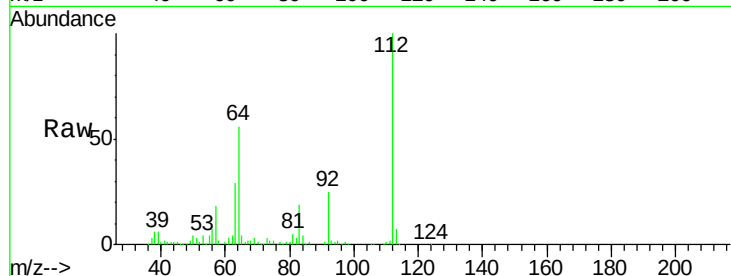
Tgt Ion: 112 Resp: 270271

Ion Ratio Lower Upper

112 100

64 55.7 48.5 72.7

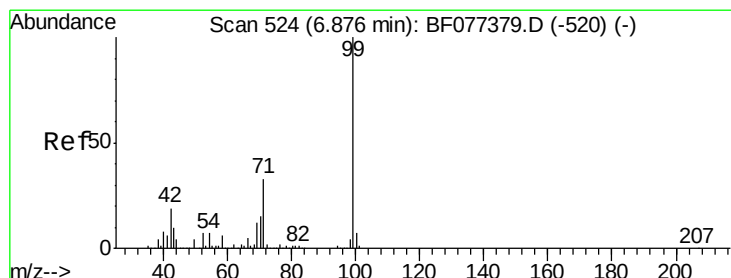
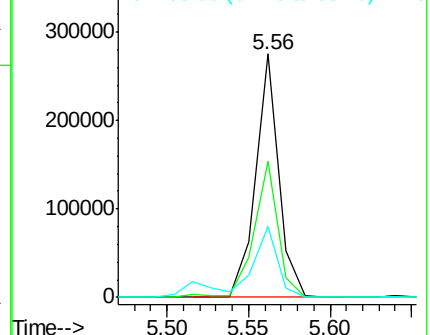
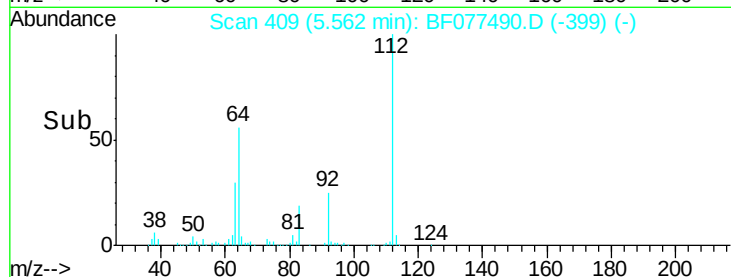
63 29.3 25.0 37.4



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: 70.38 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

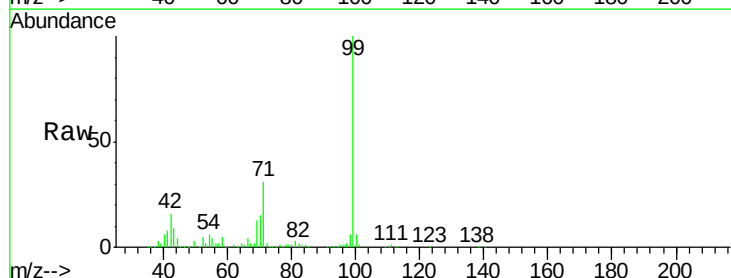
Tgt Ion: 99 Resp: 381191

Ion Ratio Lower Upper

99 100

42 15.8 16.2 24.4#

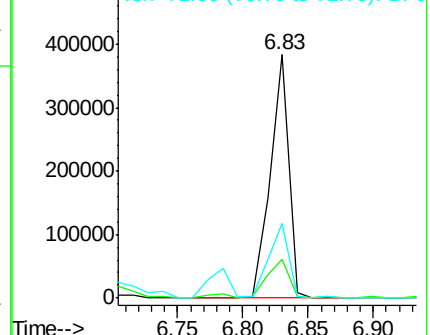
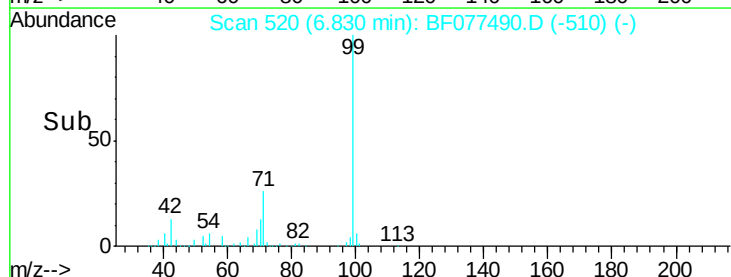
71 30.9 26.7 40.1

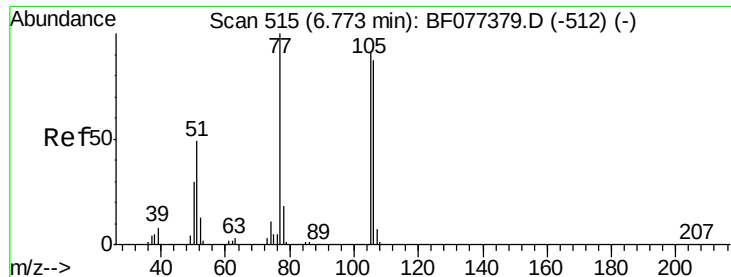


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 5.67 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

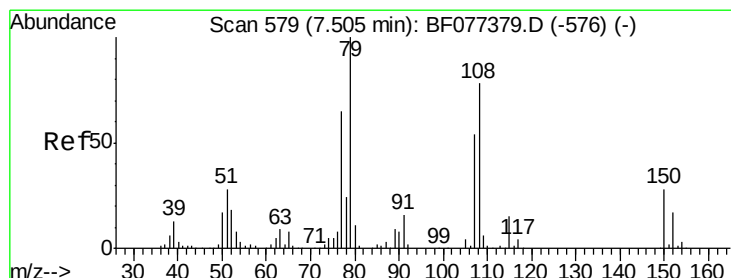
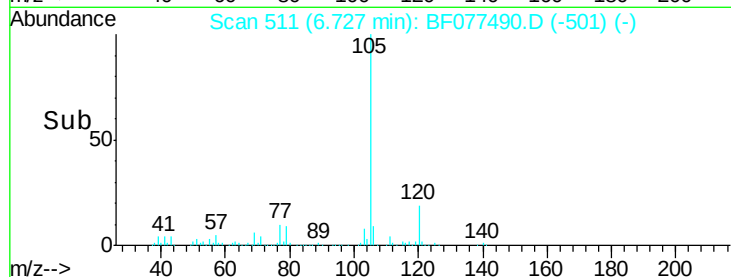
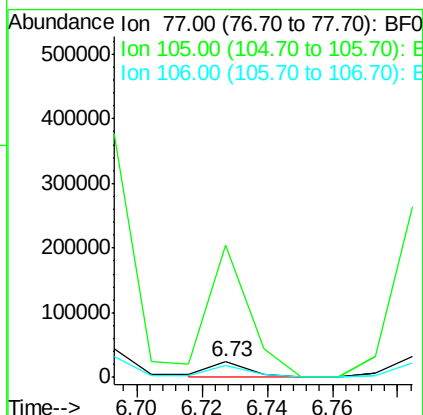
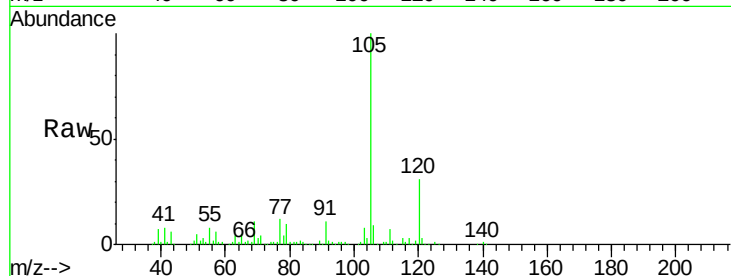
Tgt Ion: 77 Resp: 18629

Ion Ratio Lower Upper

77 100

105 856.7 85.9 125.9#

106 76.4 82.9 122.9#



#15

Benzyl Alcohol

Concen: 2.66 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

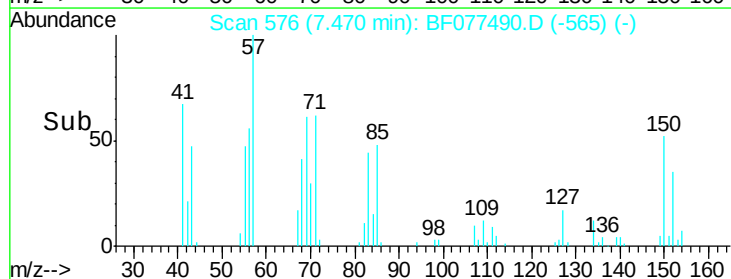
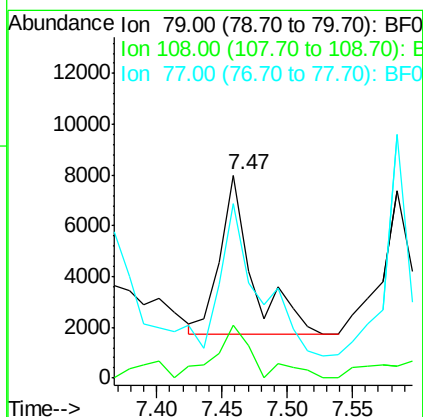
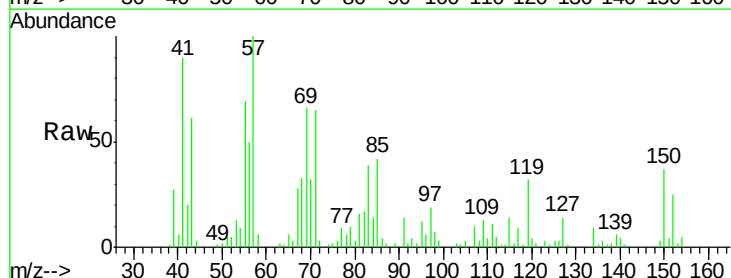
Tgt Ion: 79 Resp: 10969

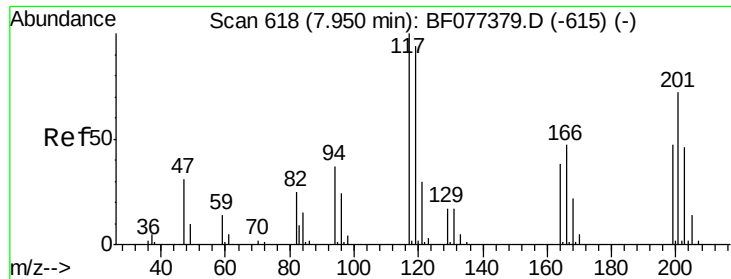
Ion Ratio Lower Upper

79 100

108 30.0 58.3 87.5#

77 88.9 51.3 76.9#





#18

Hexachloroethane

Concen: 24.47 ng

RT: 7.93 min Scan# 616

Delta R.T. 0.04 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampled :

B-12-D910

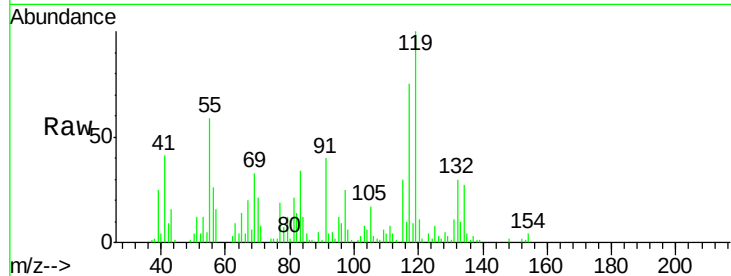
Tgt Ion:117 Resp: 44998

Ion Ratio Lower Upper

117 100

119 133.6 77.8 116.8#

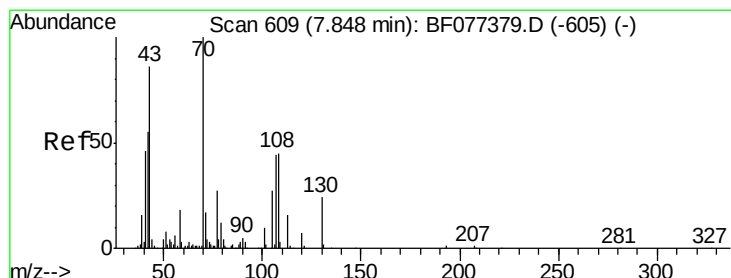
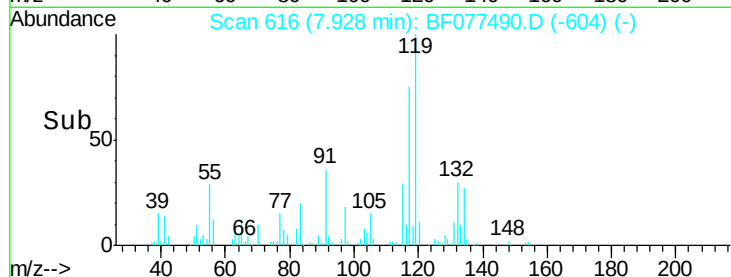
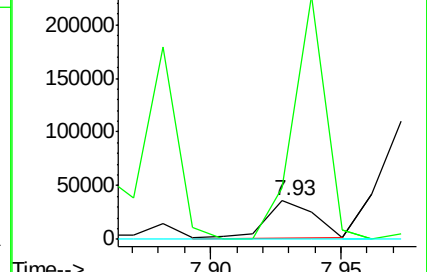
201 0.0 90.6 136.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 4.09 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Tgt Ion: 70 Resp: 14057

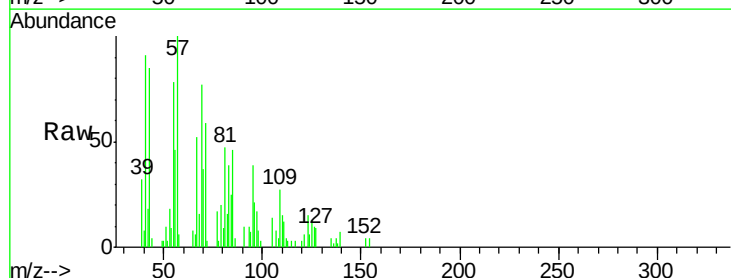
Ion Ratio Lower Upper

70 100

42 47.6 48.3 72.5#

101 0.0 7.5 11.3#

130 0.0 16.7 25.1#

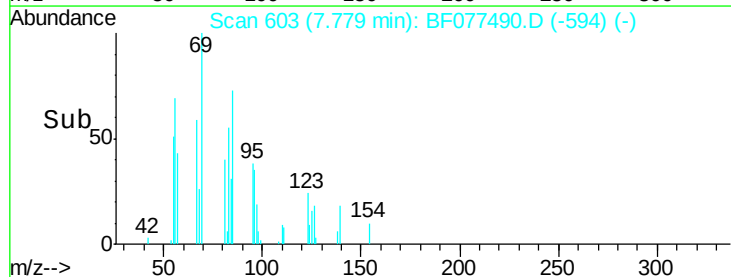
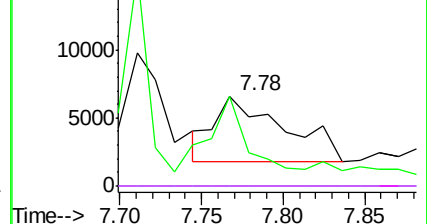


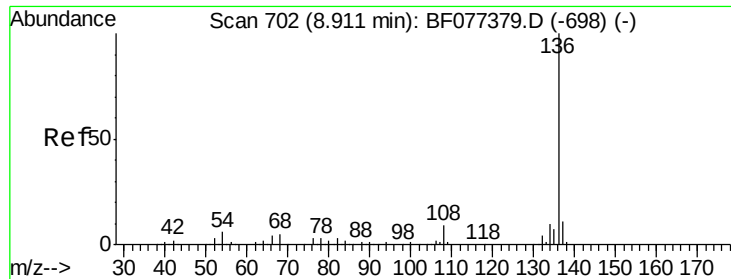
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.85 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

Tgt Ion:136 Resp: 279439

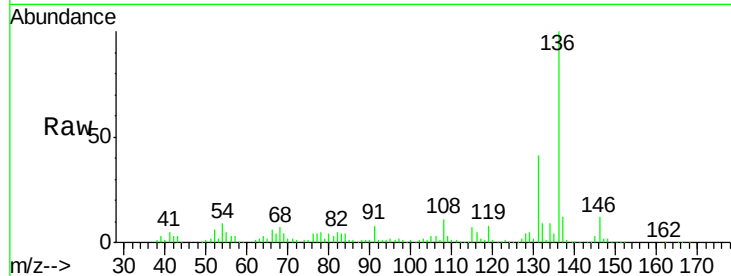
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 9.1 6.2 9.4

68 6.7 5.0 7.6

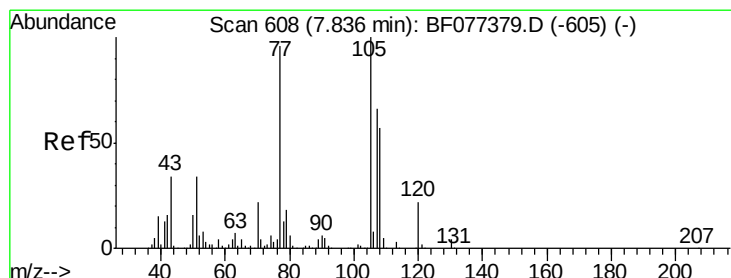
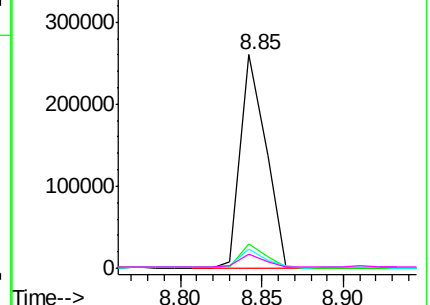
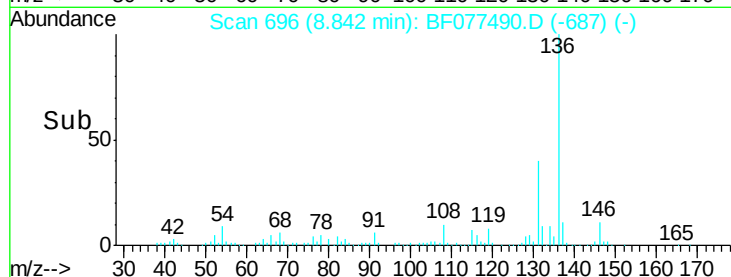


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 13.93 ng

RT: 7.76 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Tgt Ion:105 Resp: 91546

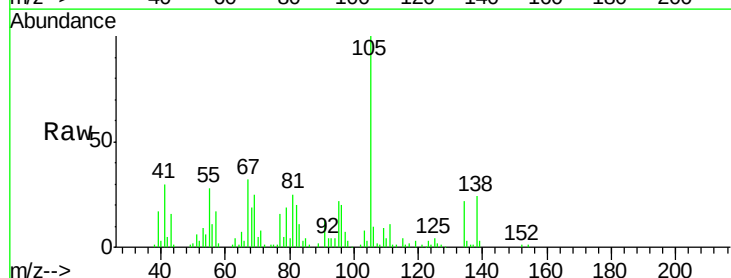
Ion Ratio Lower Upper

105 100

71 8.2 1.7 2.5#

51 6.2 30.7 46.1#

120 0.0 16.7 25.1#

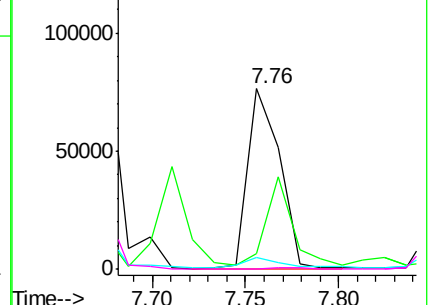
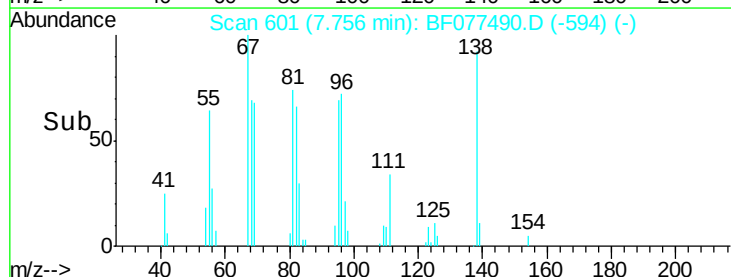


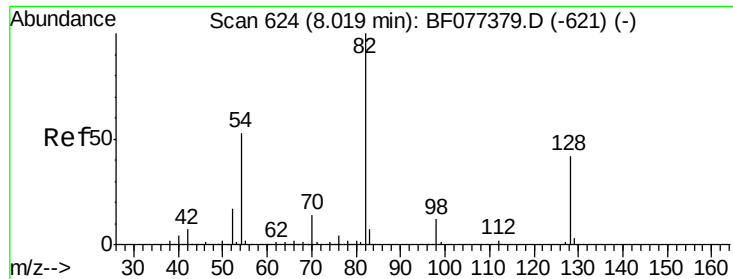
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

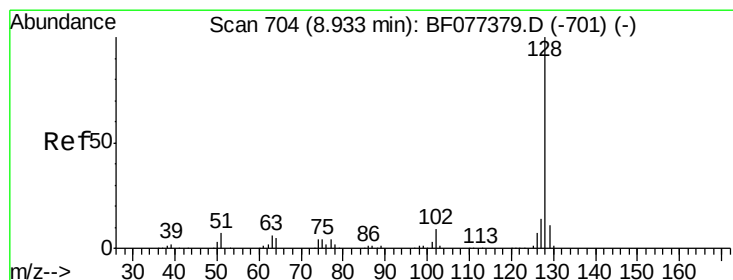
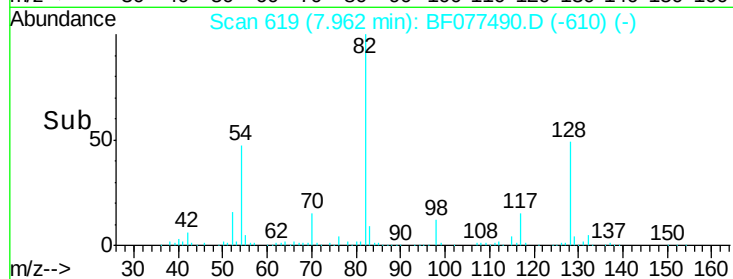
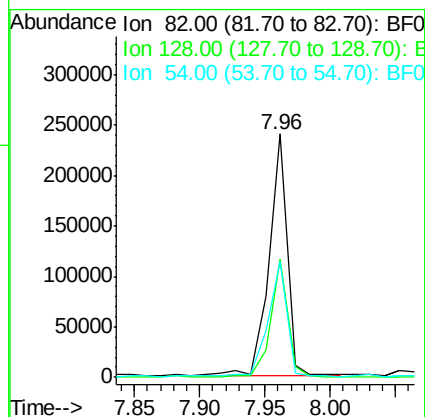
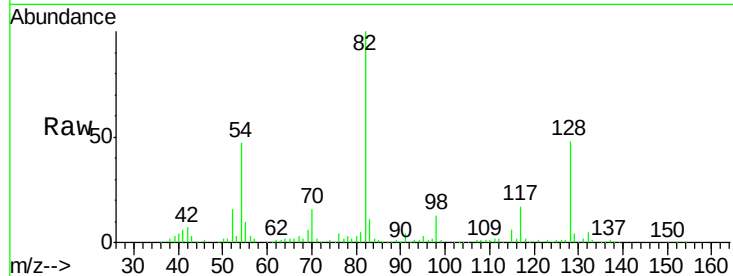




#23
Nitrobenzene-d5
Concen: 52.11 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

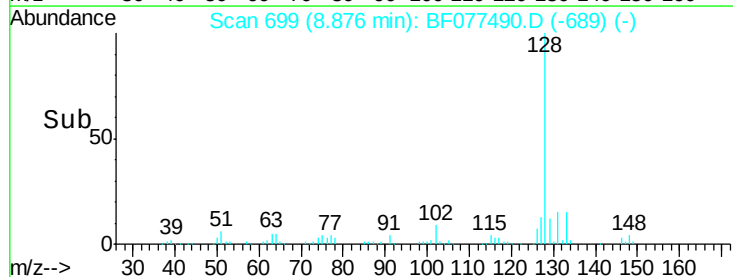
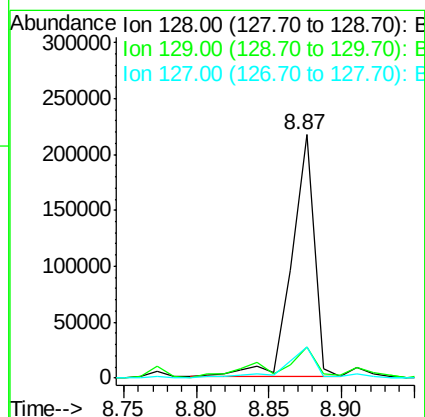
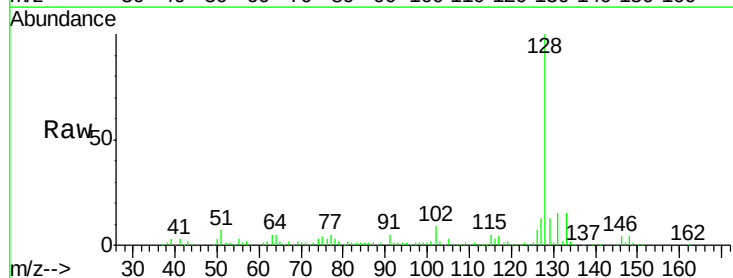
Instrument :
BNA_F
ClientSampleId :
B-12-D910

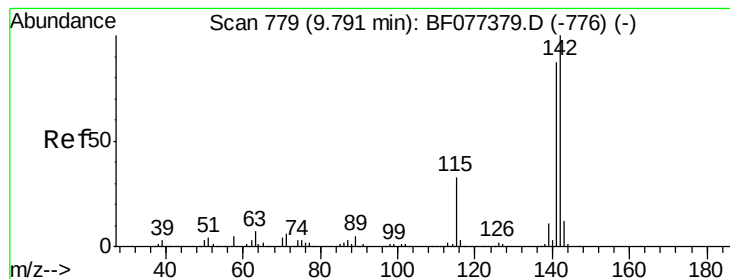
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	43.8	65.8
54	47.5	36.7	55.1



#31
Naphthalene
Concen: 16.77 ng
RT: 8.87 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.0
127	13.0	10.6	15.8





#37

2-Methylnaphthalene

Concen: 16.06 ng

RT: 9.73 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

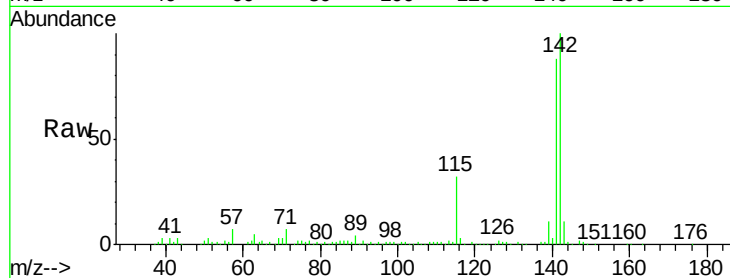
Tgt Ion:142 Resp: 159420

Ion Ratio Lower Upper

142 100

141 88.0 70.7 106.1

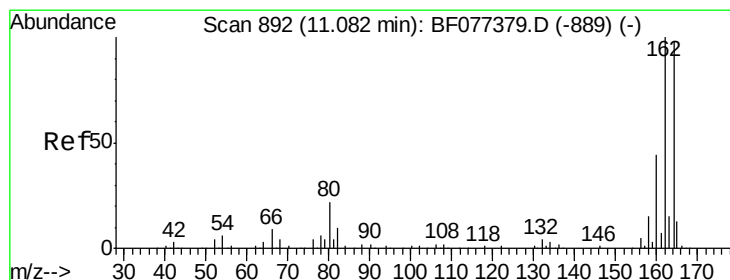
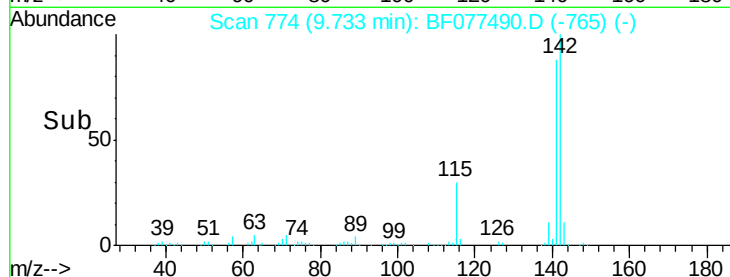
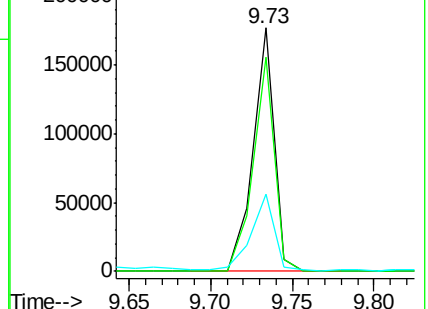
115 31.5 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

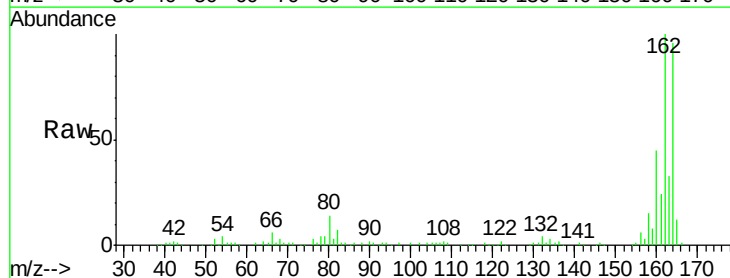
Tgt Ion:164 Resp: 151397

Ion Ratio Lower Upper

164 100

162 104.4 83.2 124.8

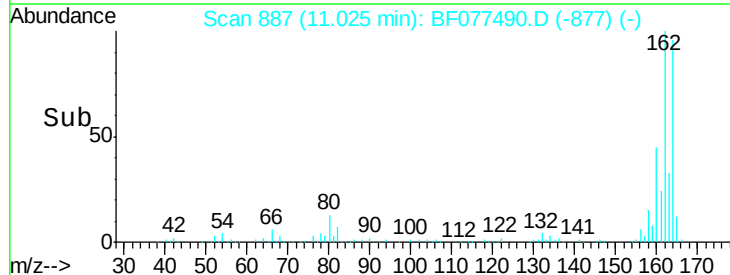
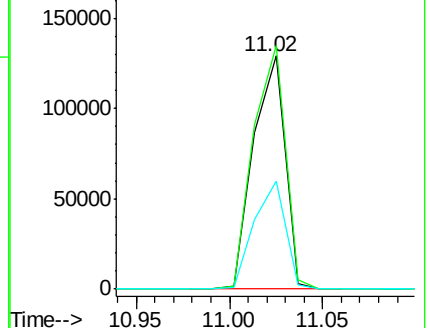
160 46.5 34.6 52.0

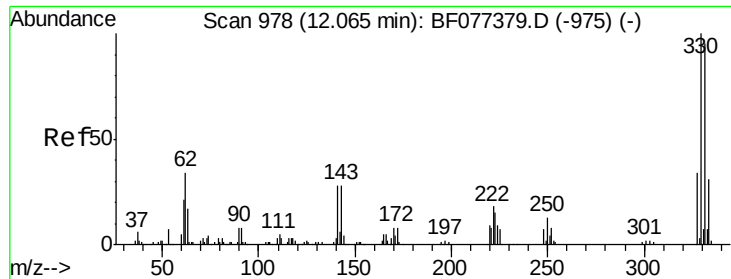


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

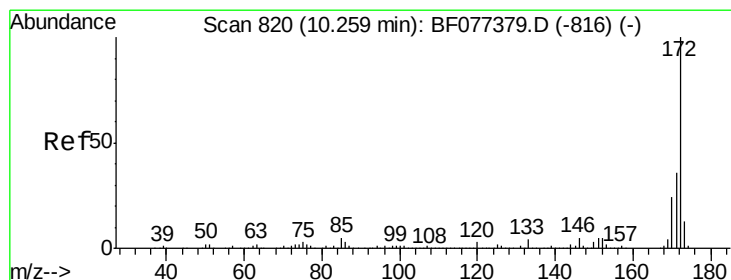
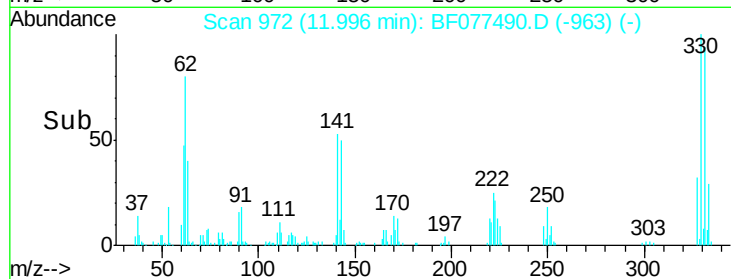
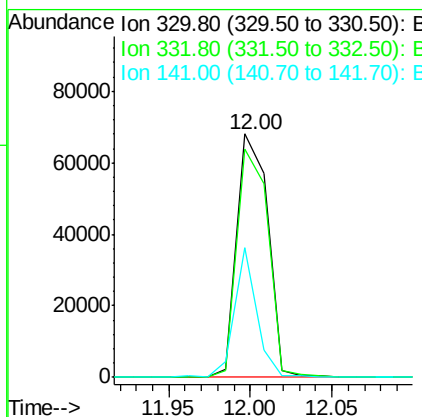
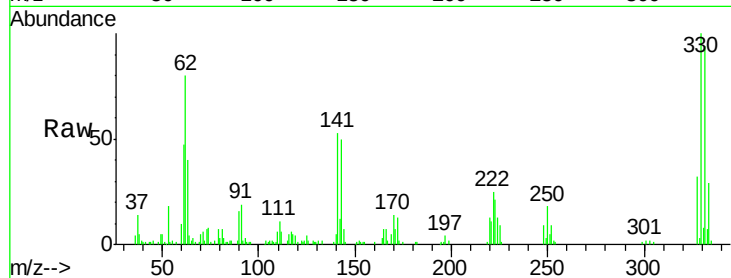




#41
 2,4,6-Tribromophenol
 Concen: 61.23 ng
 RT: 12.00 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF077490.D
 Acq: 27 Feb 2015 5:01

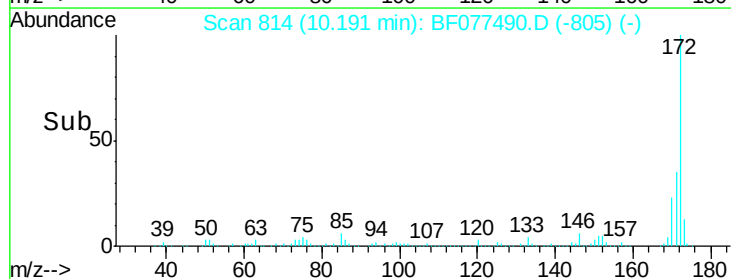
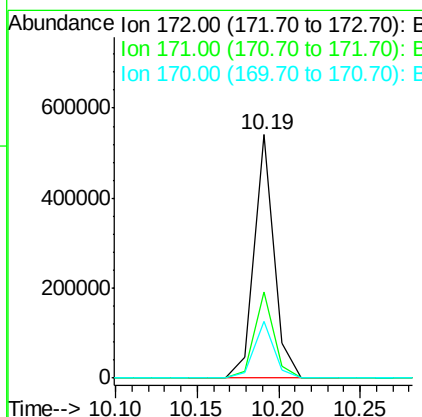
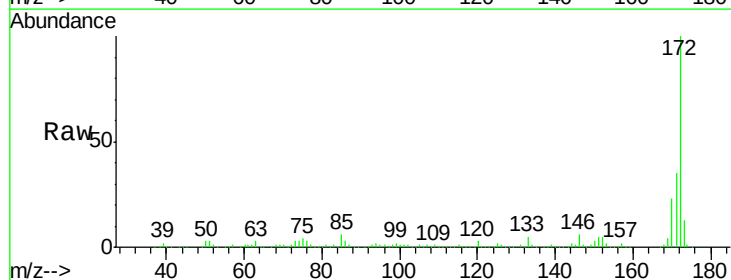
Instrument :
 BNA_F
 ClientSampleId :
 B-12-D910

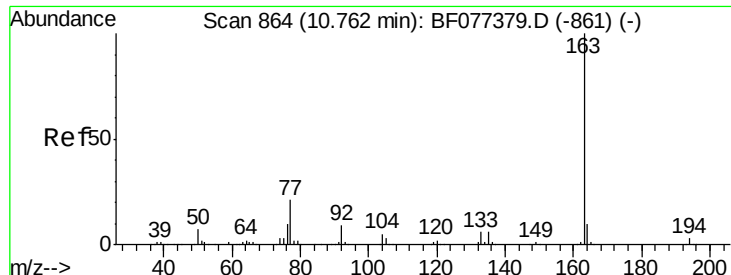
Tgt Ion:330 Resp: 89254
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.2
 141 38.2 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 47.20 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077490.D
 Acq: 27 Feb 2015 5:01

Tgt Ion:172 Resp: 458335
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.4 19.4 29.2

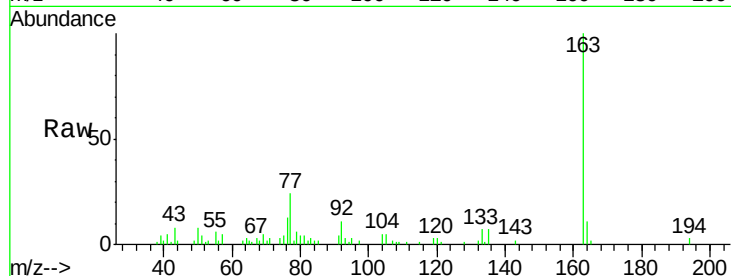




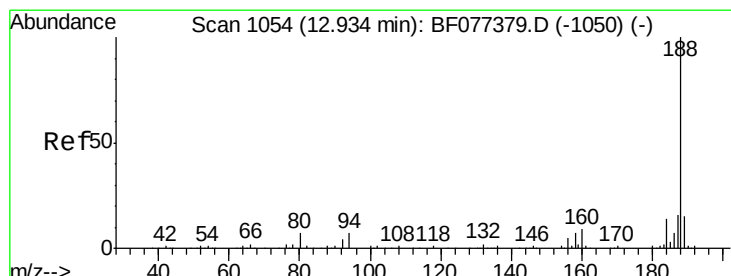
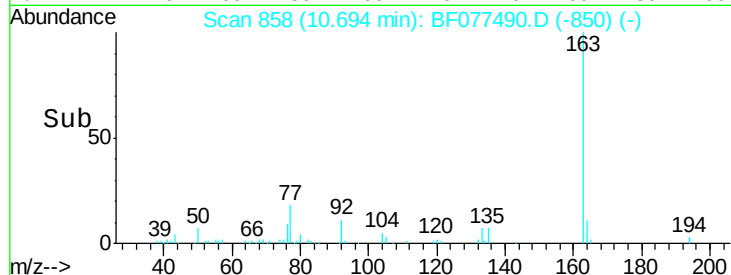
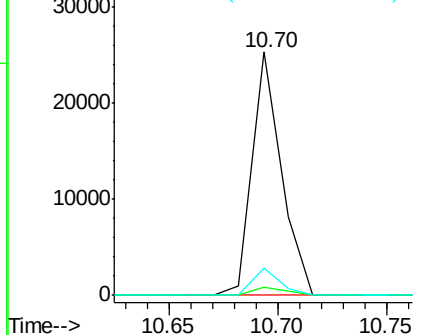
#49
Dimethylphthalate
Concen: 2.22 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

Instrument :
BNA_F
ClientSampleId :
B-12-D910

Tgt Ion:163 Resp: 23672
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.1 8.6 13.0

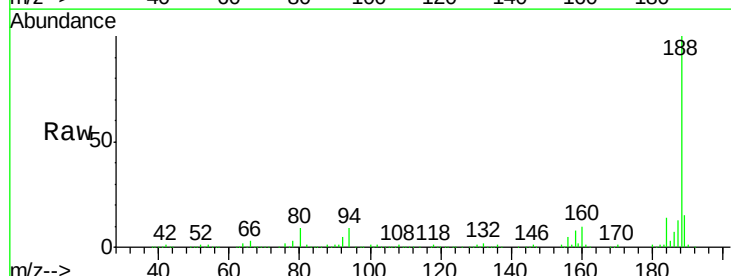


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

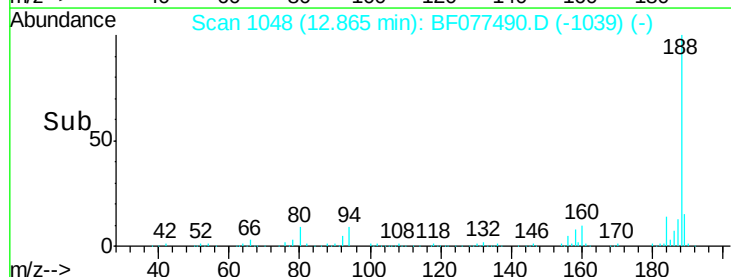
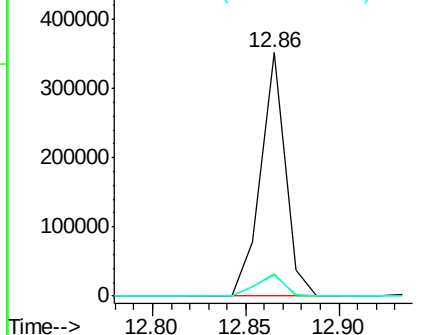


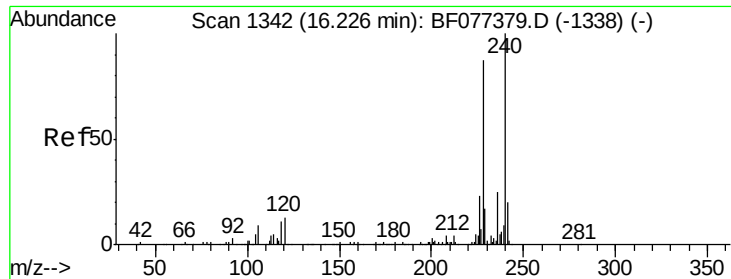
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

Tgt Ion:188 Resp: 321799
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 8.6 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

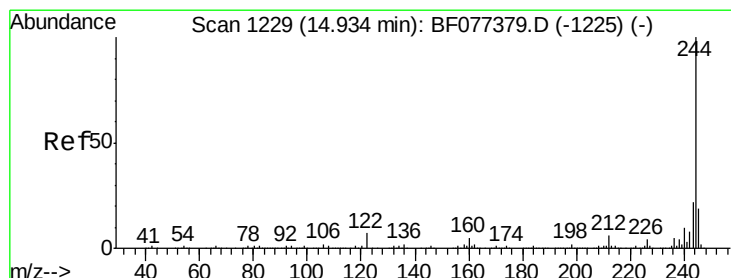
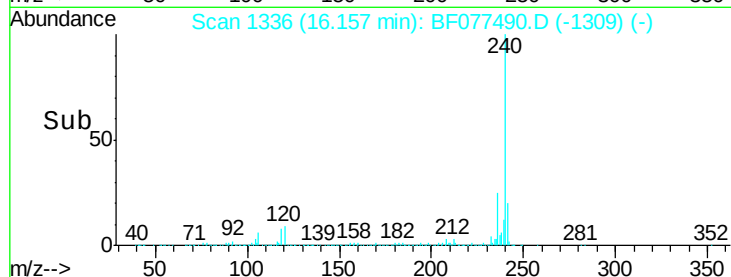
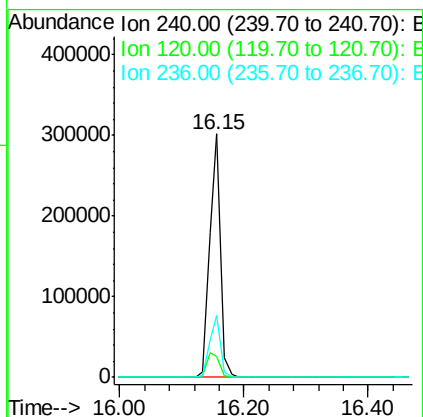
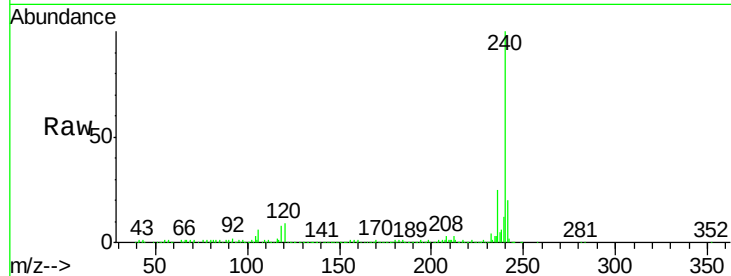




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

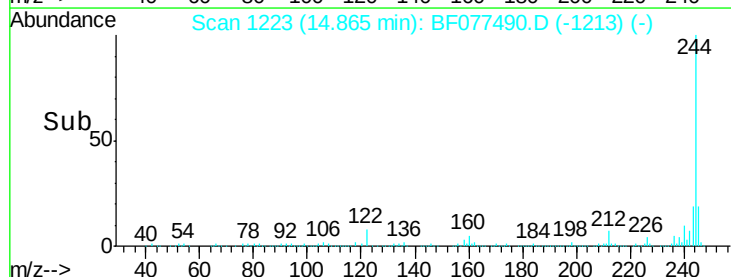
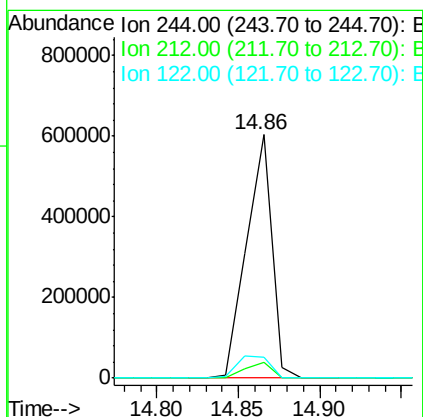
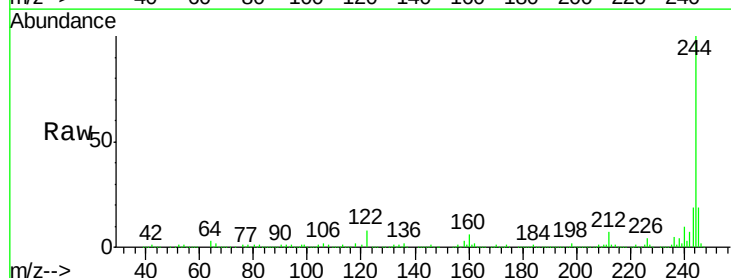
Instrument :
BNA_F
ClientSampleId :
B-12-D910

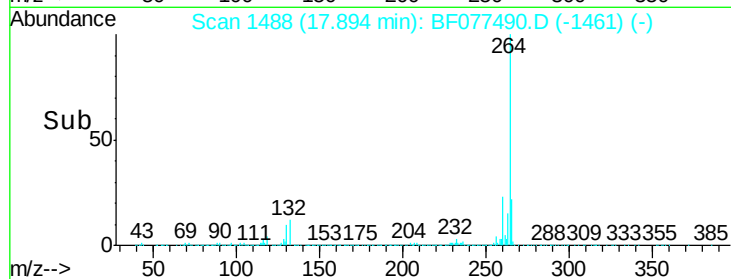
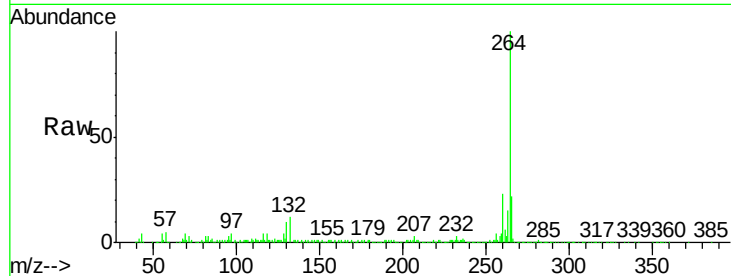
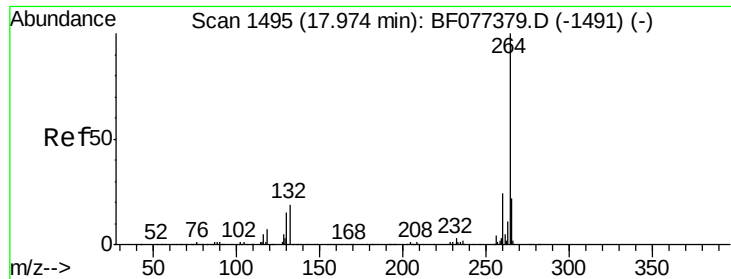
Tgt Ion:240 Resp: 359129
Ion Ratio Lower Upper
240 100
120 8.8 8.8 13.2
236 25.3 20.7 31.1



#78
Terphenyl-d14
Concen: 42.53 ng
RT: 14.86 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF077490.D
Acq: 27 Feb 2015 5:01

Tgt Ion:244 Resp: 653291
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 8.3 7.8 11.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.89 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BF077490.D

Acq: 27 Feb 2015 5:01

Instrument :

BNA_F

ClientSampleId :

B-12-D910

Tgt Ion: 264 Resp: 329621

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.8 16.8 25.2

