

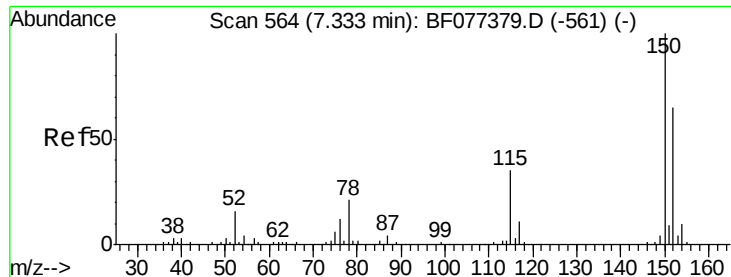
Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF022615\
 Data File : BF077492.D
 Acq On : 27 Feb 2015 5:58
 Operator : TP/IZ
 Sample : G1385-14
 Misc : S
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 10:34:31 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	72955	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	285043	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	152979	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	319273	20.00	ng	0.00
75) Chrysene-d12	16.18	240	383355	20.00	ng	0.03
86) Perylene-d12	18.00	264	344192	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	352132	80.58	ng	0.01
7) Phenol-d6	6.83	99	464338	82.64	ng	0.00
23) Nitrobenzene-d5	7.96	82	292090	63.72	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	112874	76.63	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	544595	55.51	ng	0.00
78) Terphenyl-d14	14.86	244	745431	45.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	28216	8.27	ng	# 1
10) Phenol	6.84	94	14961	2.24	ng	72
15) Benzyl Alcohol	7.47	79	17050	3.99	ng	# 61
18) Hexachloroethane	7.88	117	14766	7.74	ng	# 1
19) n-Nitroso-di-n-propylamine	7.78	70	19051	5.34	ng	# 71
22) Acetophenone	7.76	105	125865	18.77	ng	# 44
24) Nitrobenzene	7.98	77	12102	2.51	ng	# 23
31) Naphthalene	8.87	128	415722	29.16	ng	99
37) 2-Methylnaphthalene	9.73	142	212482	20.99	ng	99
49) Dimethylphthalate	10.70	163	25524	2.37	ng	98

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

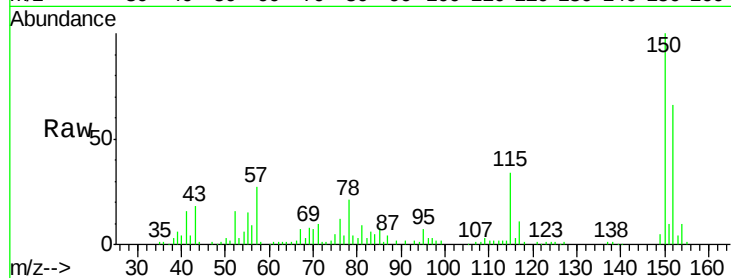


#1

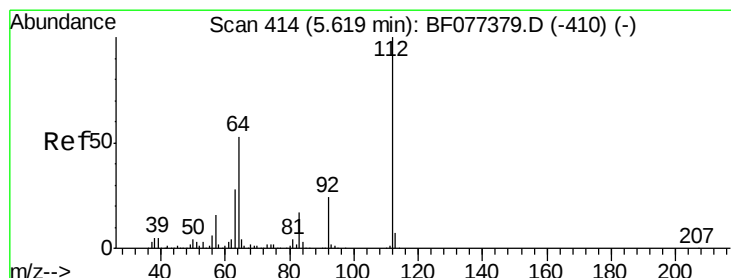
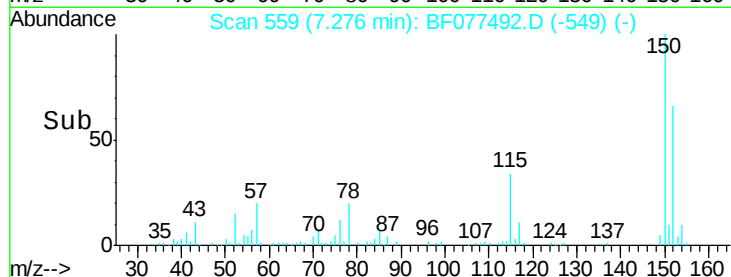
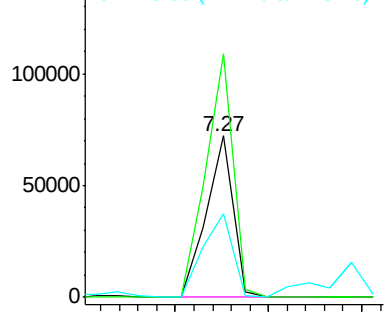
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.0	186.0
115	51.6	49.4	74.2



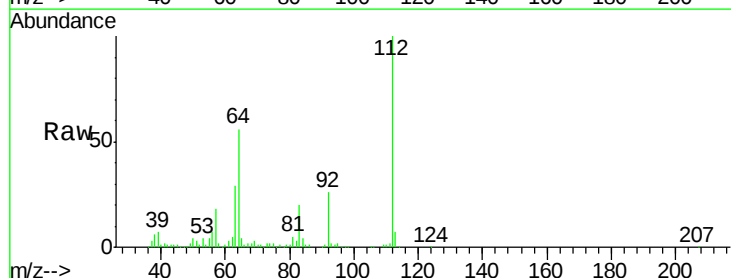
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



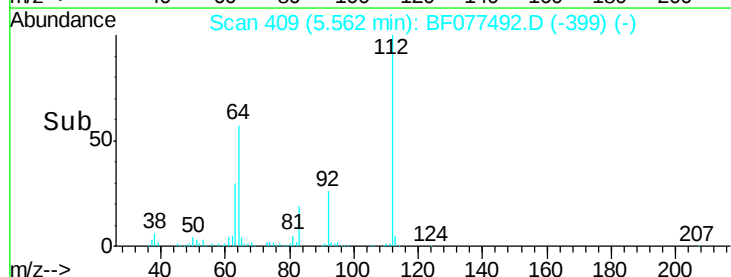
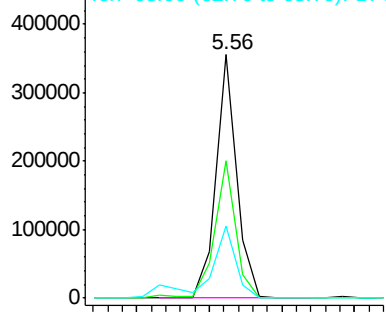
#5

2-Fluorophenol
Concen: 80.58 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	48.5	72.7
63	29.4	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: 82.64 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

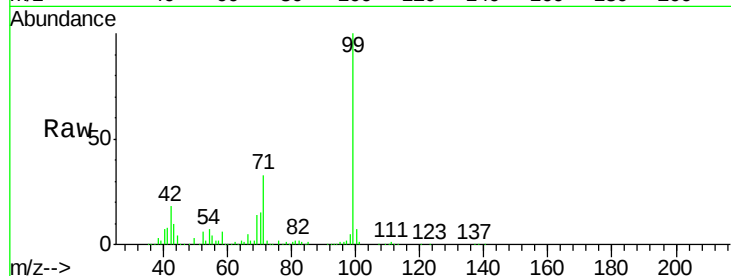
Tot Ion: 99 Resp: 464338

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.4

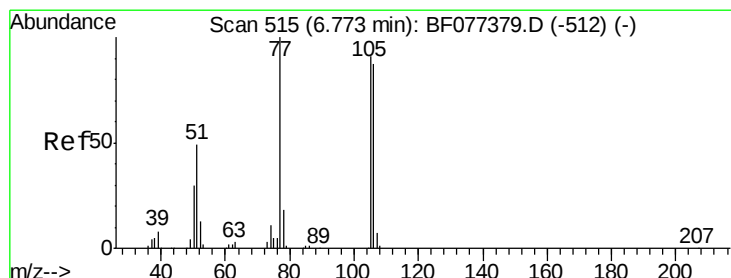
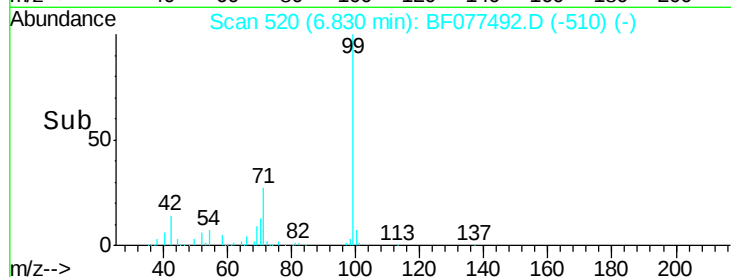
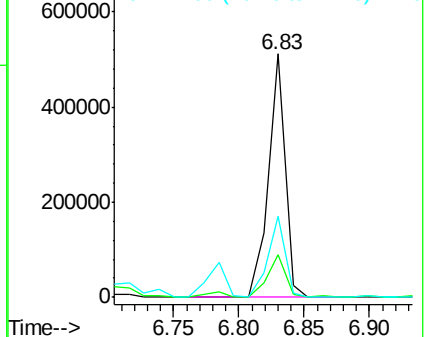
71 33.1 26.7 40.1



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: 8.27 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

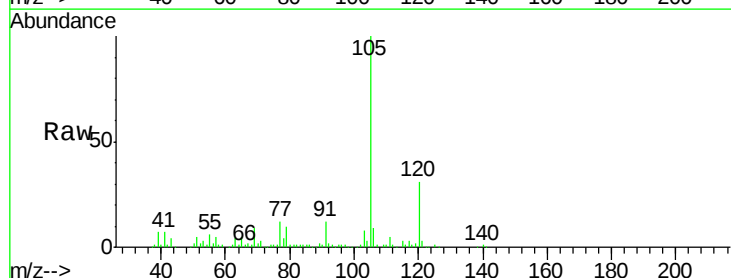
Tgt Ion: 77 Resp: 28216

Ion Ratio Lower Upper

77 100

105 815.1 85.9 125.9#

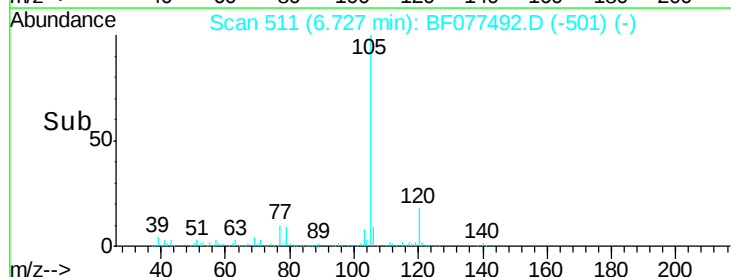
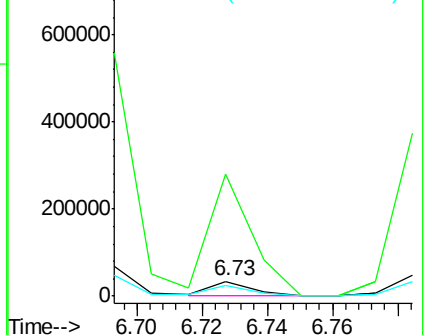
106 74.3 82.9 122.9#

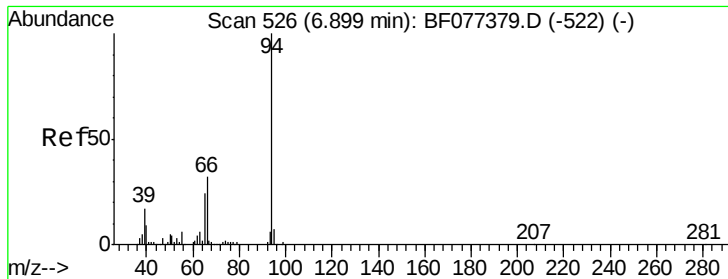


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.24 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

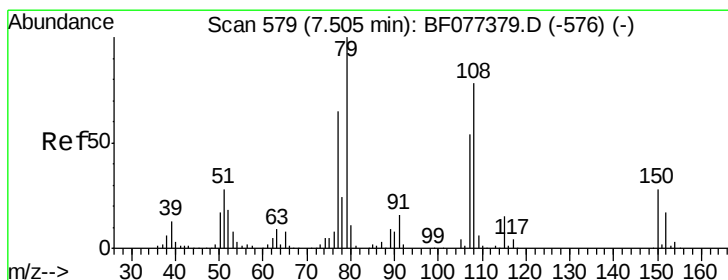
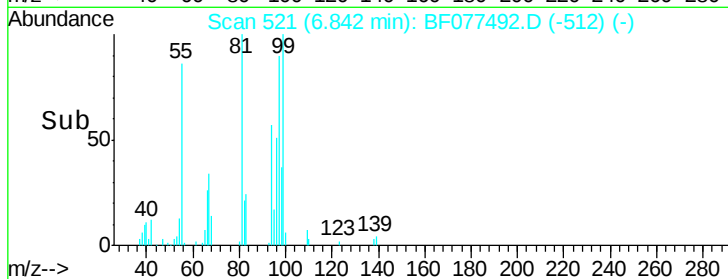
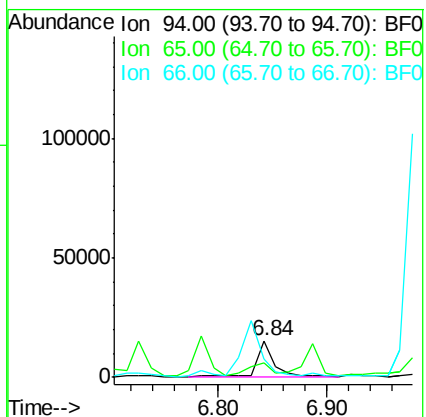
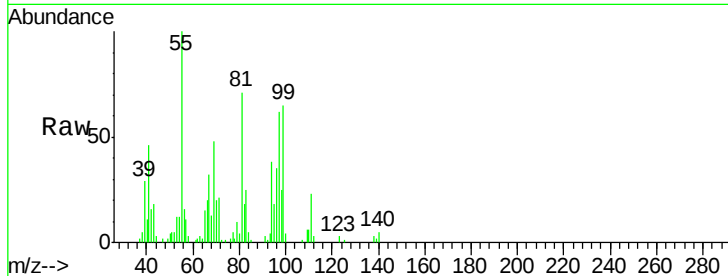
Tot Ion: 94 Resp: 14961

Ion Ratio Lower Upper

94 100

65 38.9 5.7 45.7

66 50.8 13.6 53.6



#15

Benzyl Alcohol

Concen: 3.99 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

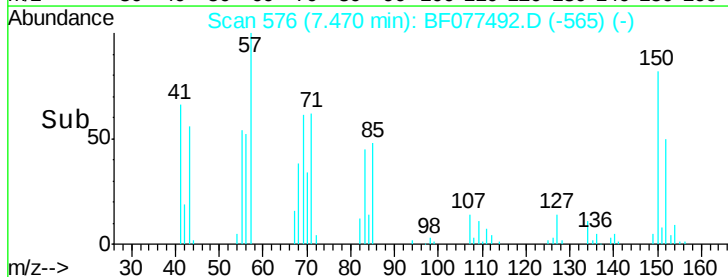
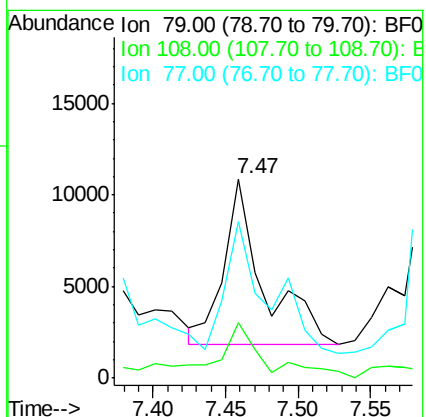
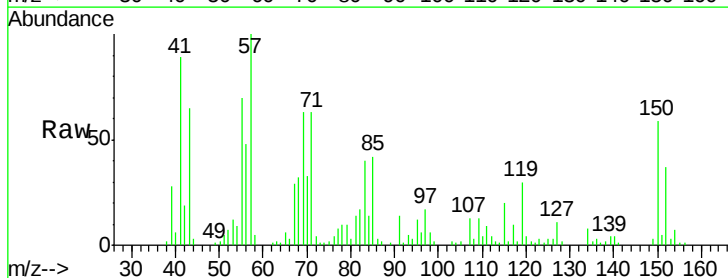
Tgt Ion: 79 Resp: 17050

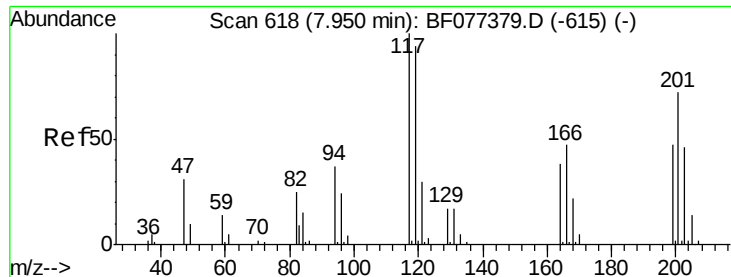
Ion Ratio Lower Upper

79 100

108 26.8 58.3 87.5#

77 80.4 51.3 76.9#

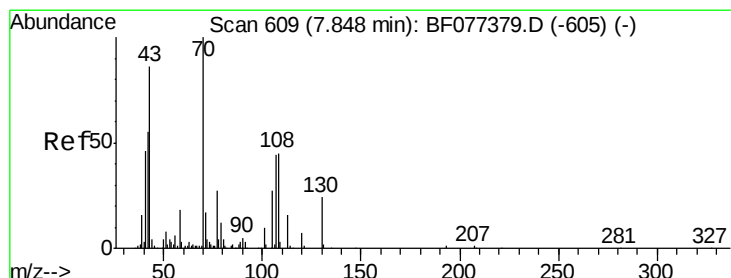
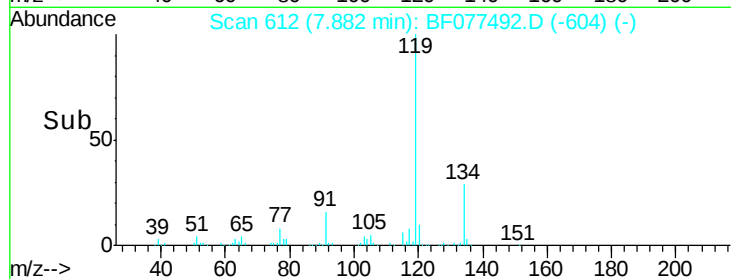
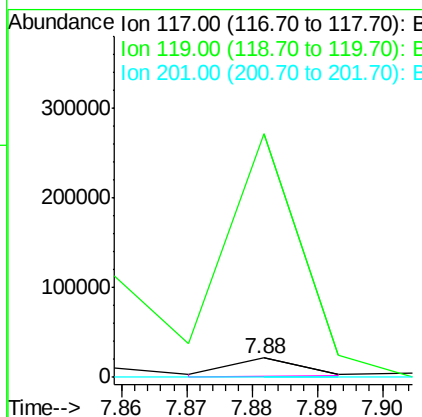
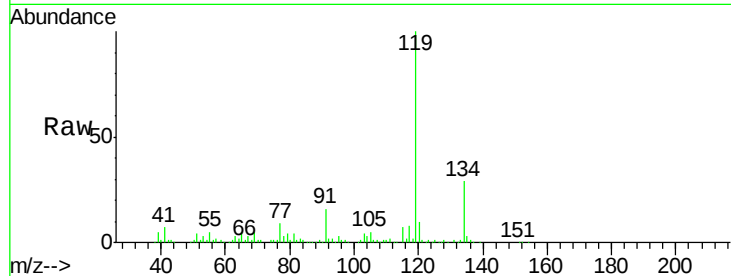




#18
 Hexachloroethane
 Concen: 7.74 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

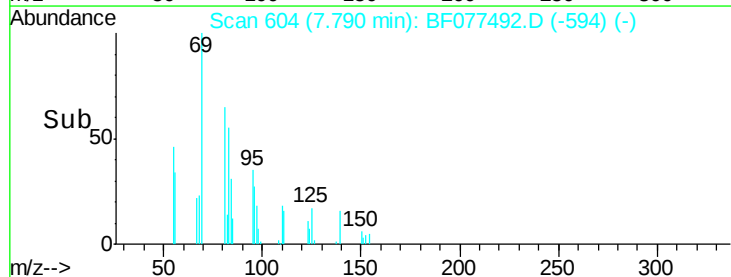
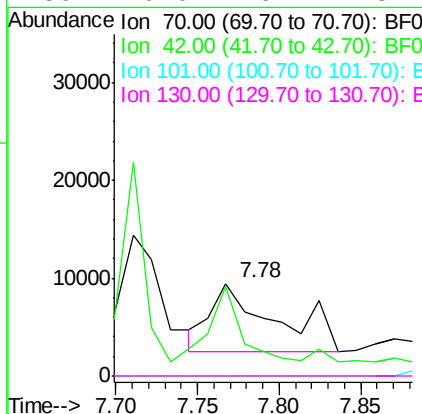
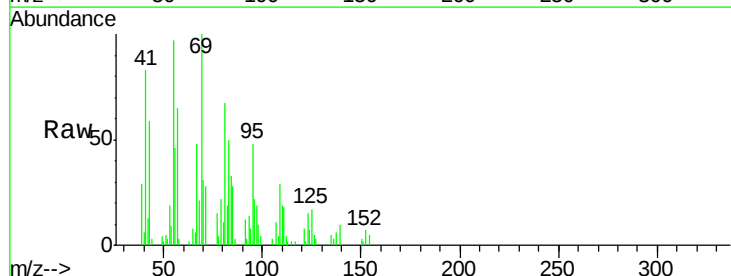
Instrument :
 BNA_F
 ClientSampleId :

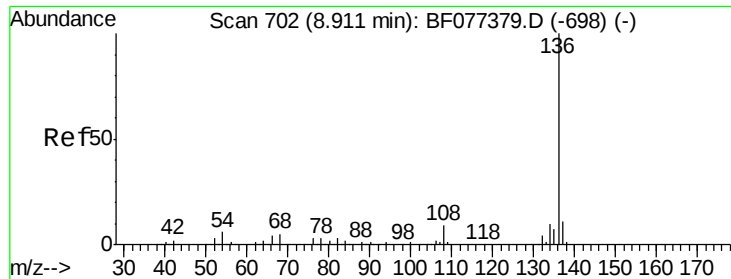
Tot Ion:117 Resp: 14766
 Ion Ratio Lower Upper
 117 100
 119 1280.7 77.8 116.8#
 201 0.0 90.6 136.0#



#19
 n-Nitroso-di-n-propylamine
 Concen: 5.34 ng
 RT: 7.78 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

Tgt Ion: 70 Resp: 19051
 Ion Ratio Lower Upper
 70 100
 42 42.4 48.3 72.5#
 101 0.0 7.5 11.3#
 130 0.0 16.7 25.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.85 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 285043

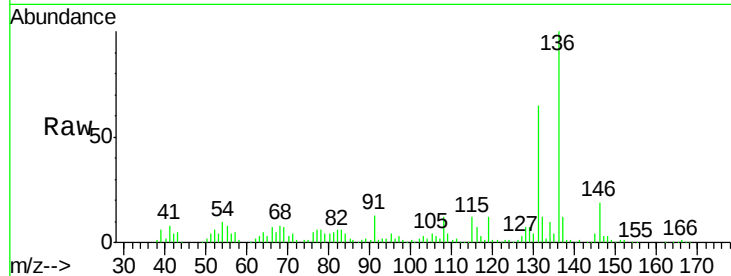
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 10.0 6.2 9.4#

68 8.1 5.0 7.6#

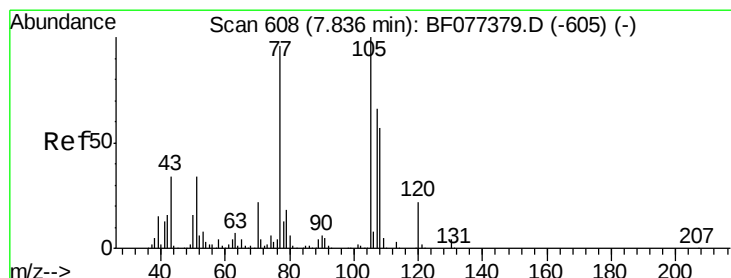
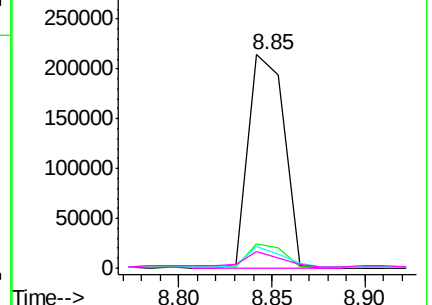
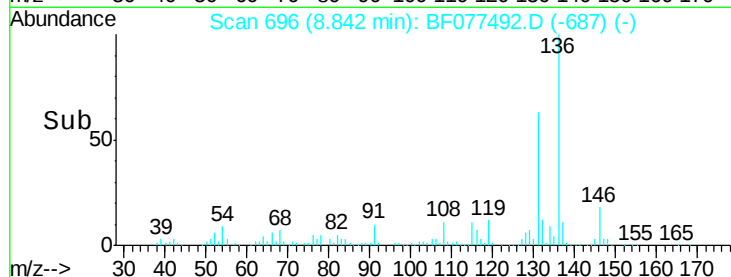


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.77 ng

RT: 7.76 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Tgt Ion:105 Resp: 125865

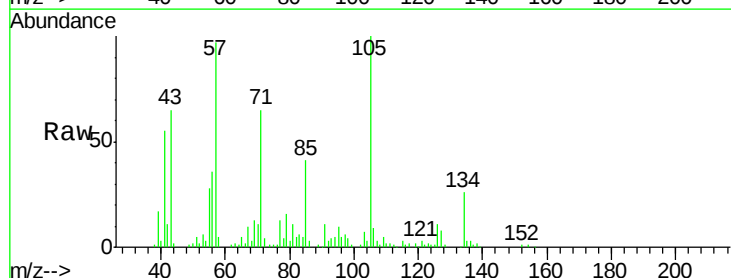
Ion Ratio Lower Upper

105 100

71 65.2 1.7 2.5#

51 4.8 30.7 46.1#

120 0.5 16.7 25.1#

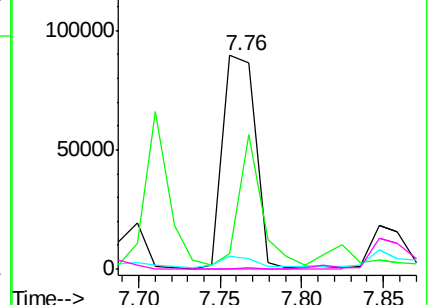
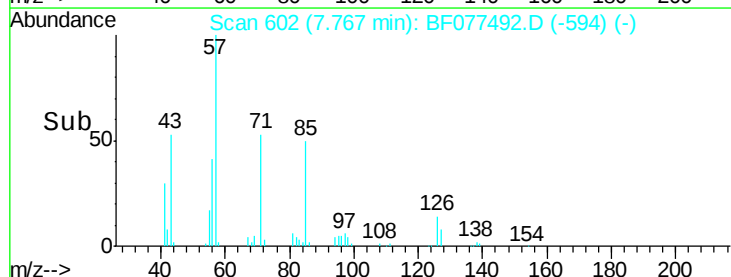


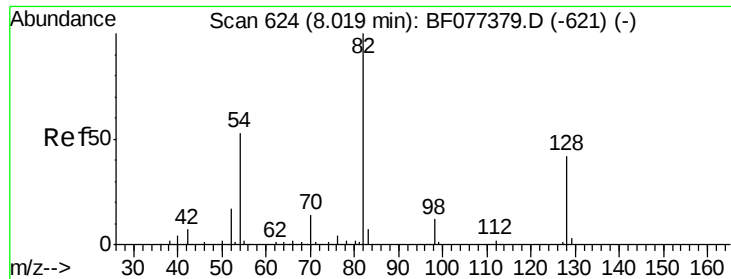
Abundance Ion 105.00 (104.70 to 105.70): E

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

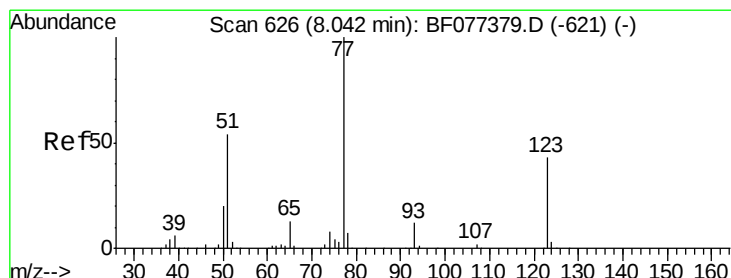
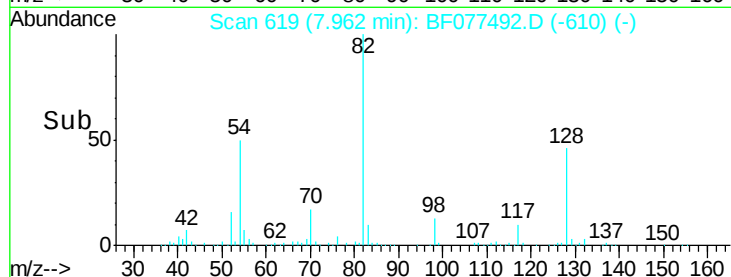
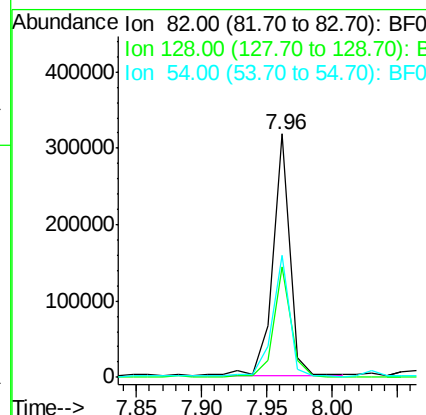
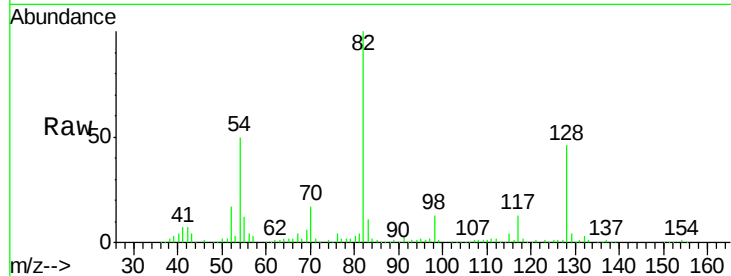




#23
 Nitrobenzene-d5
 Concen: 63.72 ng
 RT: 7.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

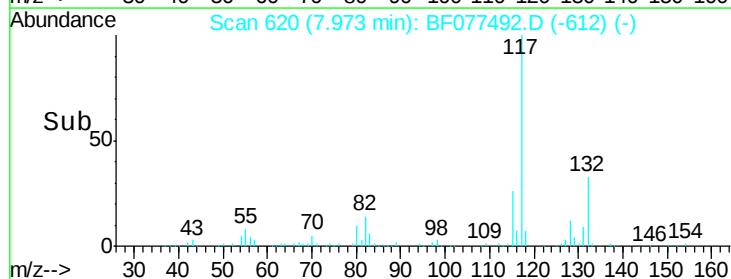
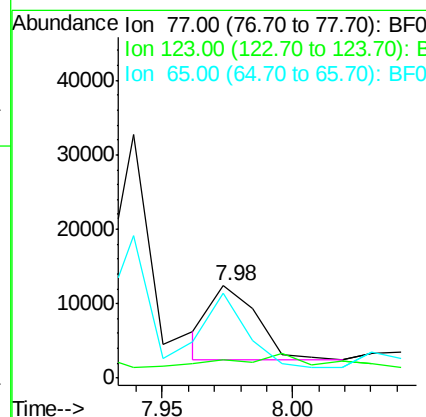
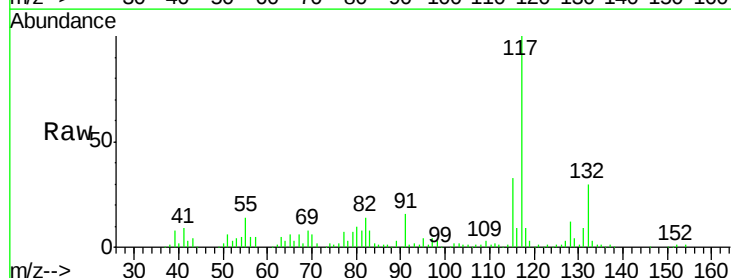
Instrument :
 BNA_F
 ClientSampleId :

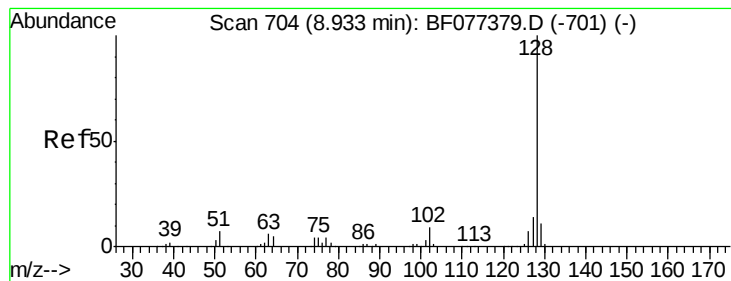
Tot Ion	82	Resp	292090
Ion Ratio	Lower	Upper	
82	100		
128	45.6	43.8	65.8
54	50.1	36.7	55.1



#24
 Nitrobenzene
 Concen: 2.51 ng
 RT: 7.98 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

Tgt Ion	77	Resp	12102
Ion Ratio	Lower	Upper	
77	100		
123	20.5	45.9	68.9#
65	92.2	9.5	14.3#





#31

Naphthalene

Concen: 29.16 ng

RT: 8.87 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampled :

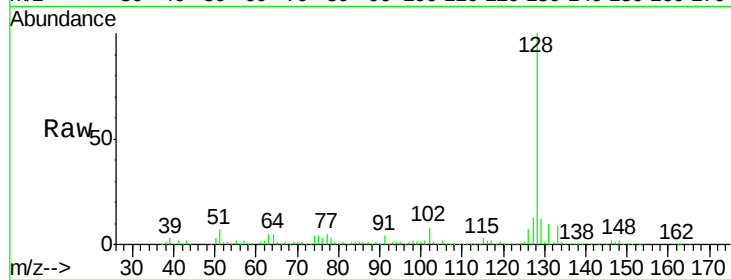
Tot Ion:128 Resp: 415722

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

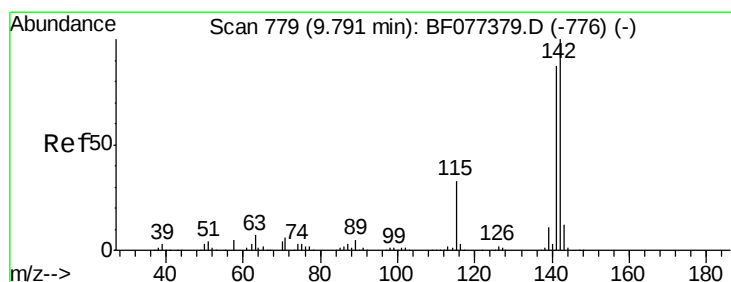
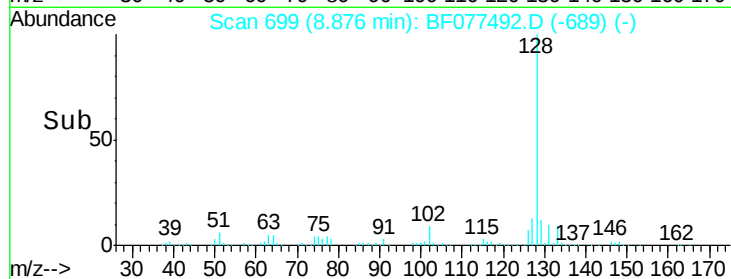
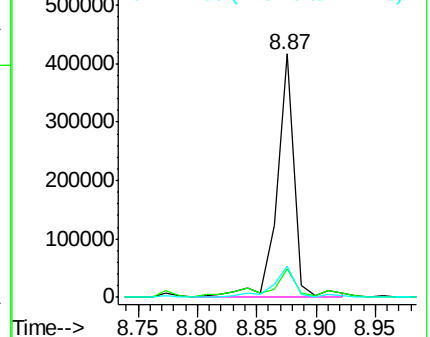
127 13.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 20.99 ng

RT: 9.73 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

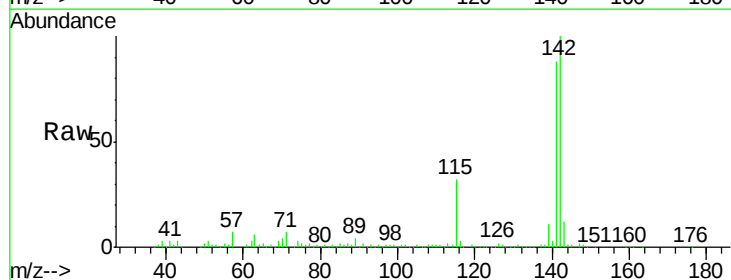
Tgt Ion:142 Resp: 212482

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

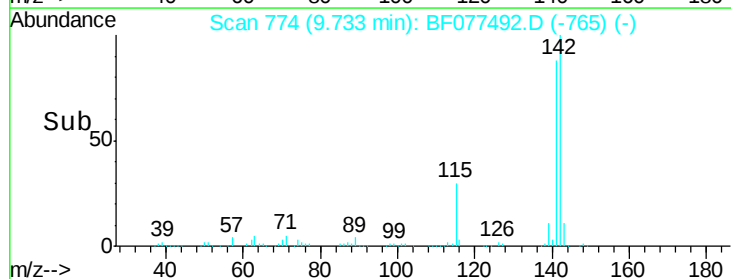
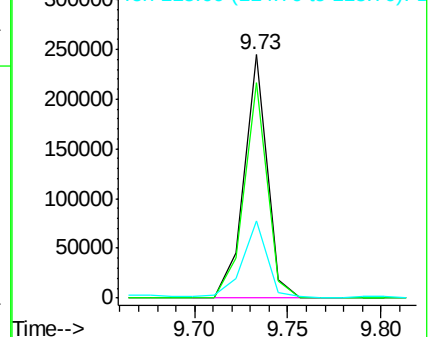
115 31.7 24.2 36.4

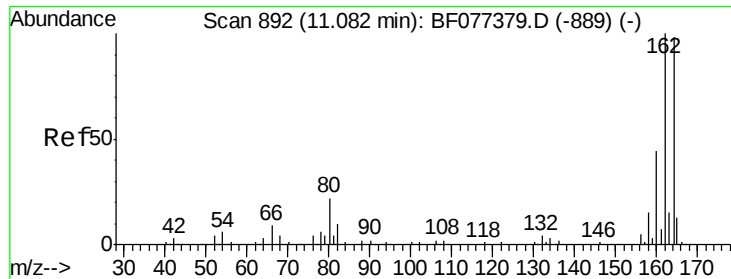


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF077492.D

Acq: 27 Feb 2015 5:58

Instrument :

BNA_F

ClientSampleId :

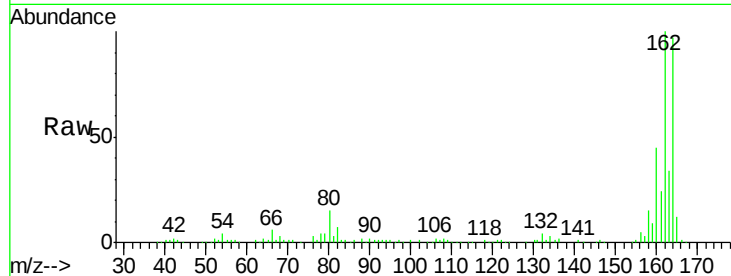
Tot Ion:164 Resp: 152979

Ion Ratio Lower Upper

164 100

162 103.4 83.2 124.8

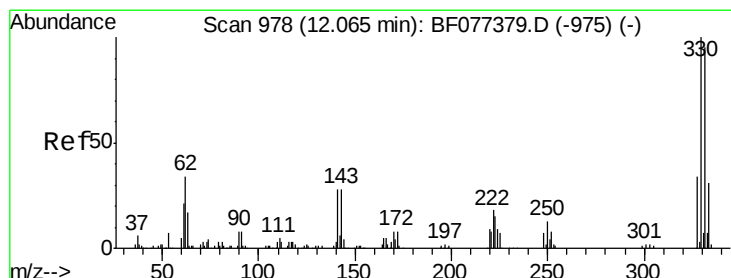
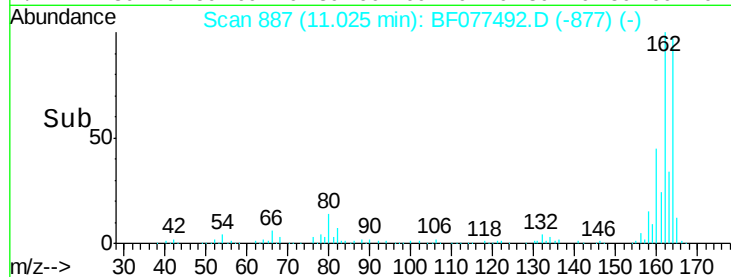
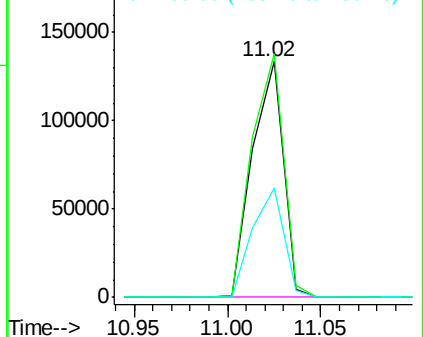
160 46.5 34.6 52.0



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: 76.63 ng

RT: 12.00 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF077492.D

Acq: 27 Feb 2015 5:58

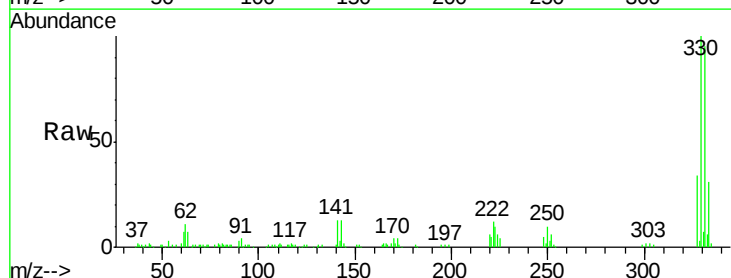
Tgt Ion:330 Resp: 112874

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

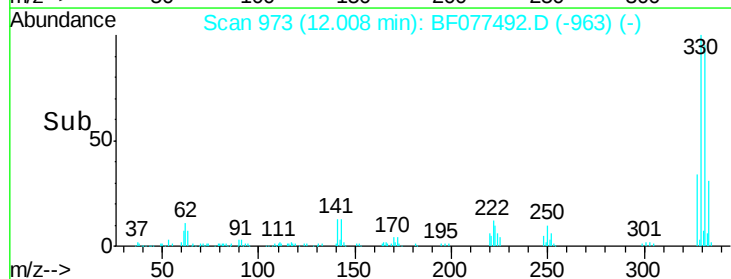
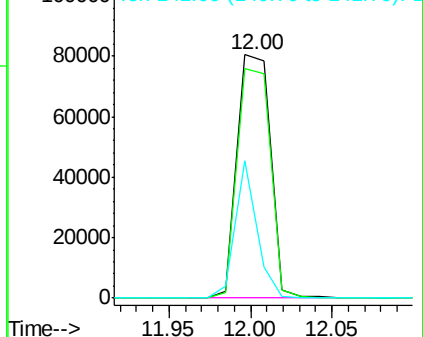
141 36.6 28.8 43.2

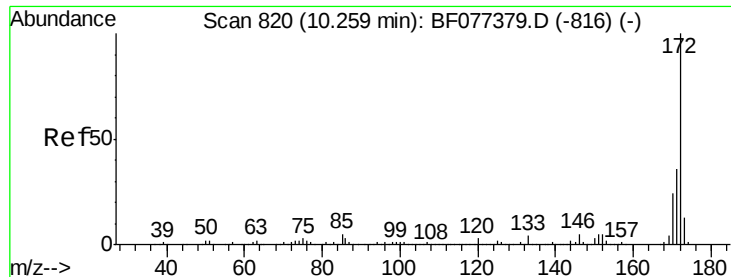


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

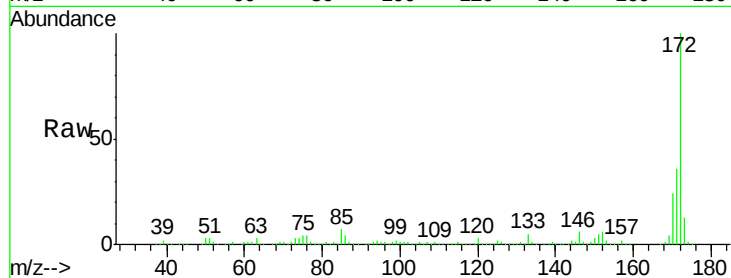




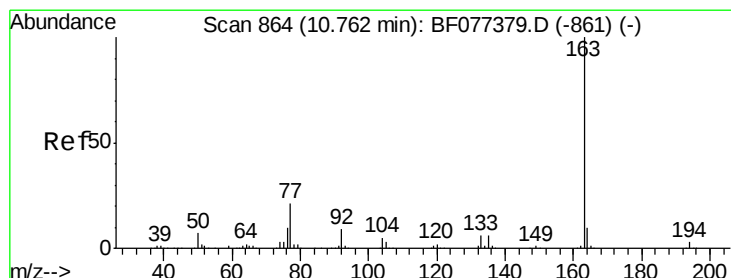
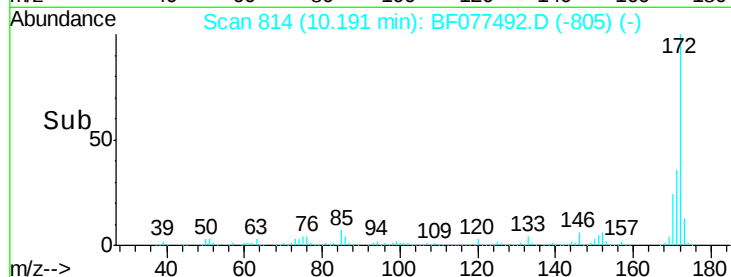
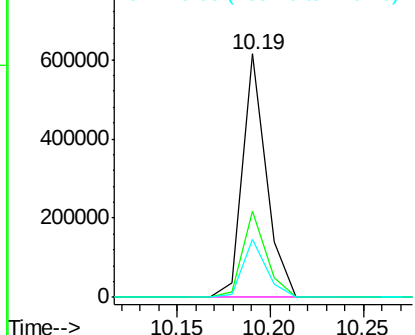
#44
2-Fluorobiphenyl
Concen: 55.51 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 544595
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.0 19.4 29.2

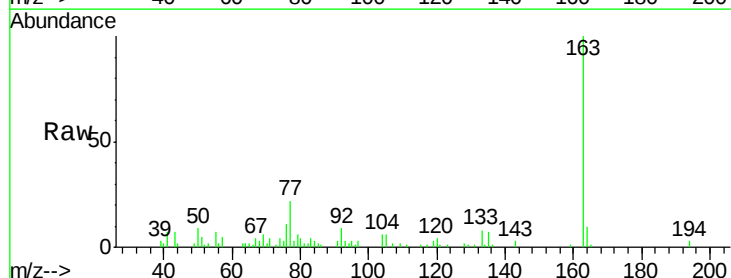


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

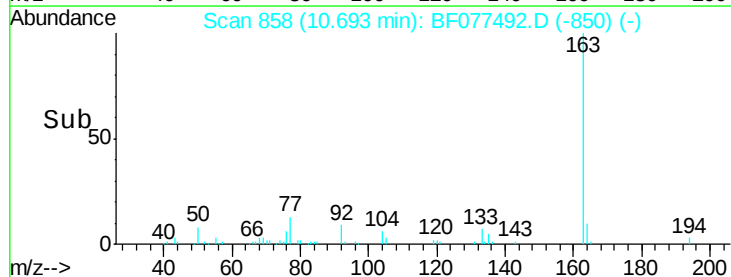
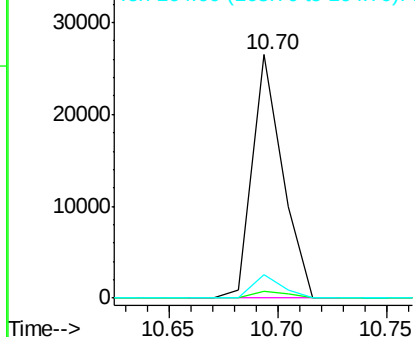


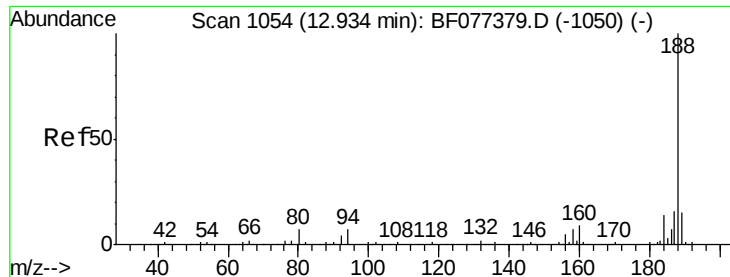
#49
Dimethylphthalate
Concen: 2.37 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Tgt Ion:163 Resp: 25524
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 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

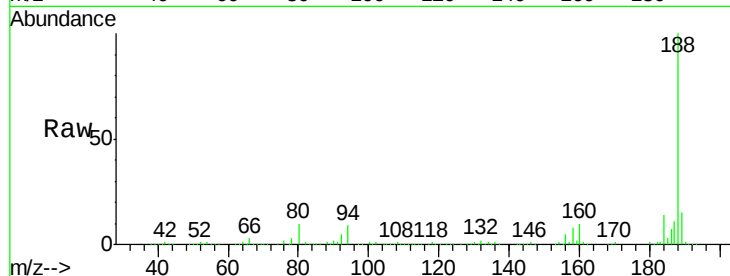




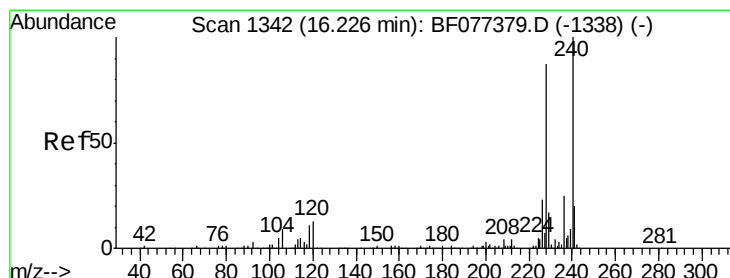
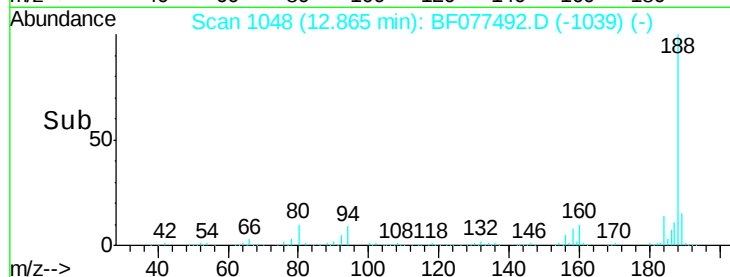
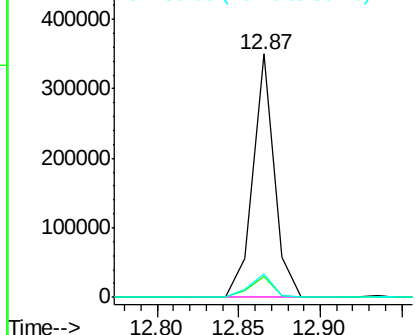
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 319273
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.6 8.0 12.0

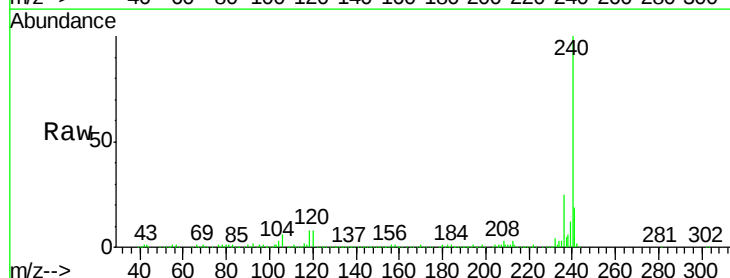


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

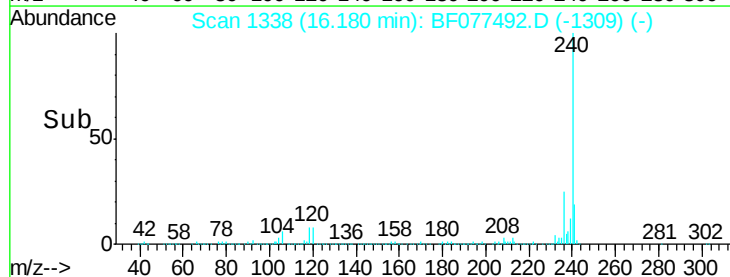
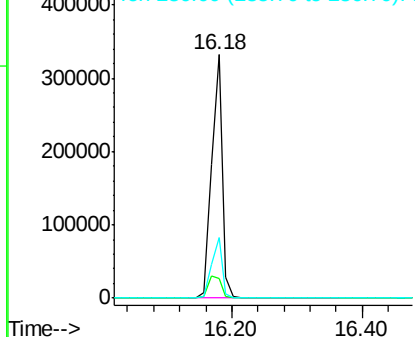


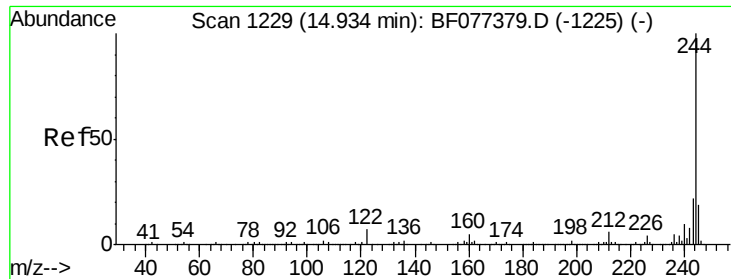
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.03 min
Lab File: BF077492.D
Acq: 27 Feb 2015 5:58

Tgt Ion:240 Resp: 383355
Ion Ratio Lower Upper
240 100
120 8.3 8.8 13.2#
236 25.1 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

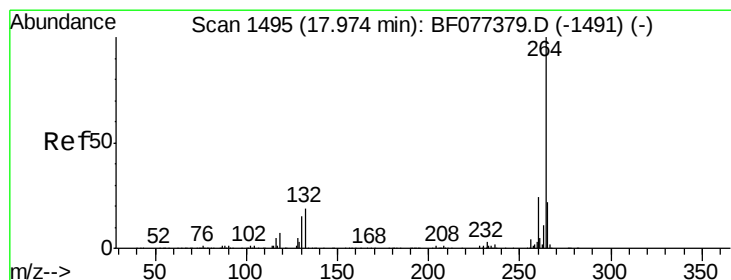
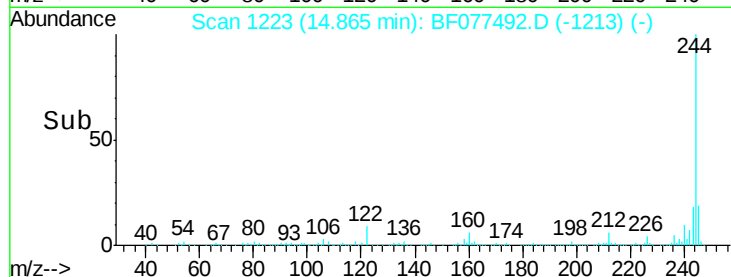
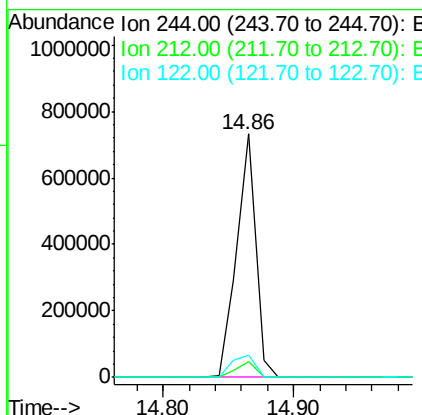
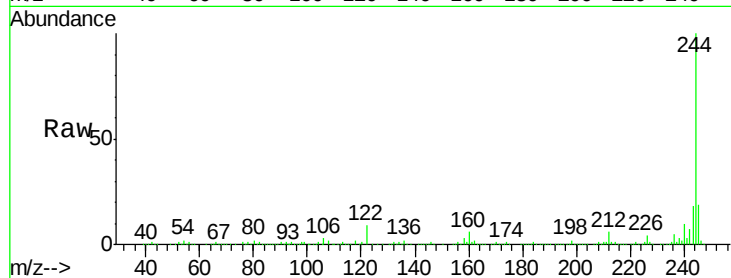




#78
 Terphenyl-d14
 Concen: 45.46 ng
 RT: 14.86 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 745431
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 9.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1497
 Delta R.T. 0.12 min
 Lab File: BF077492.D
 Acq: 27 Feb 2015 5:58

Tgt Ion:264 Resp: 344192
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 22.5 16.8 25.2

