

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091102.D
 Acq On : 9 Nov 2016 00:29
 Operator : UM/SJ
 Sample : H5581-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW20

Quant Time: Nov 09 02:48:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

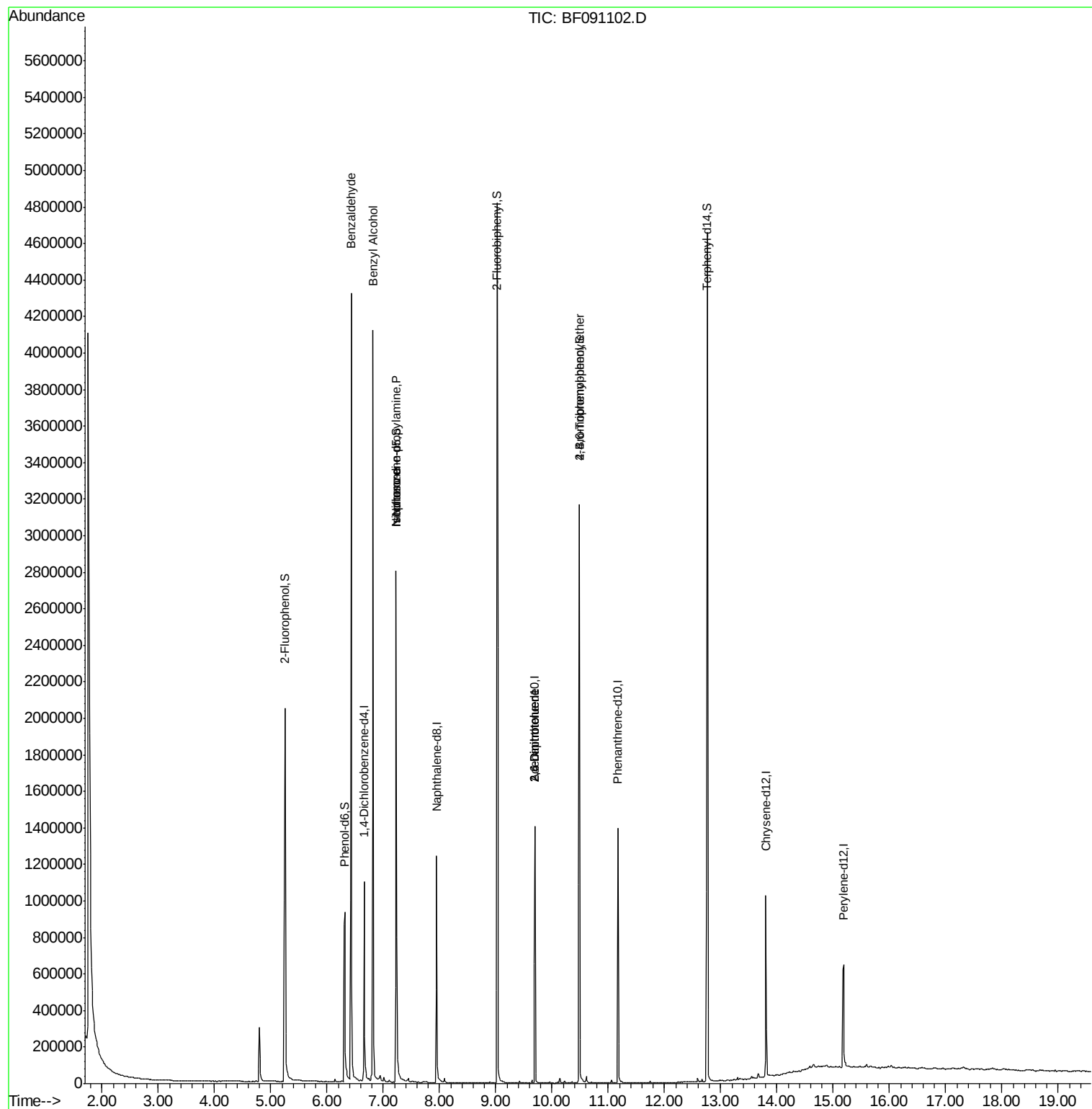
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170715	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	670710	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	337926	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	474880	20.00	ng	0.00
75) Chrysene-d12	13.80	240	328928	20.00	ng	-0.01
86) Perylene-d12	15.19	264	296610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	700488	67.77	ng	0.01
7) Phenol-d6	6.32	99	563564	40.17	ng	0.00
23) Nitrobenzene-d5	7.23	82	1133366	92.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	387397	126.80	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1850955	94.30	ng	-0.01
78) Terphenyl-d14	12.76	244	1358733	103.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	28599	3.67	ng	85
15) Benzyl Alcohol	6.82	79	21634	2.19	ng	# 53
19) n-Nitroso-di-n-propylamine	7.23	70	154867	15.93	ng	# 79
25) Isophorone	7.23	82	991101	41.83	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	42608	8.97	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	42608	7.05	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	27392	5.55	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

Instrument :

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ClientSampleId :

MW20

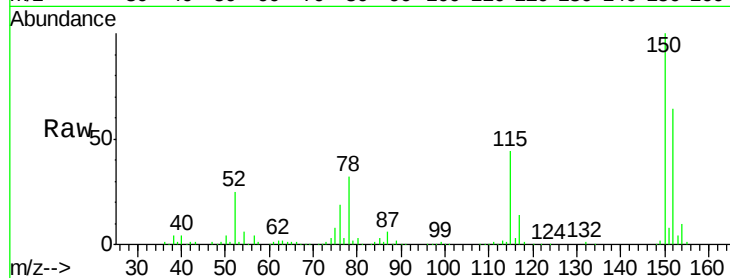
Tgt Ion:152 Resp: 170715

Ion Ratio Lower Upper

152 100

150 155.5 126.8 190.2

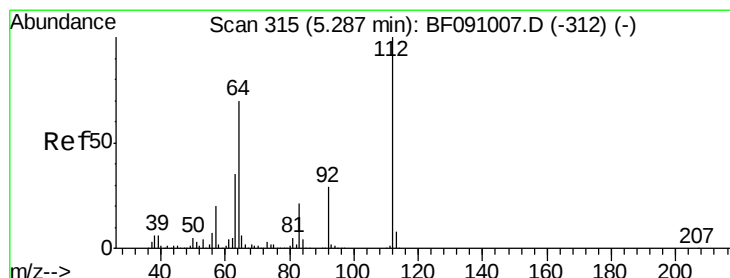
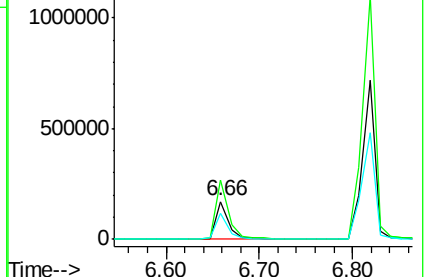
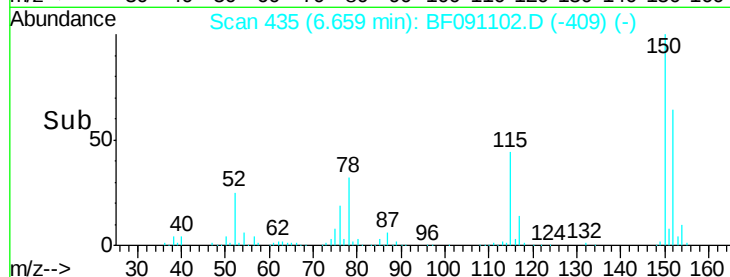
115 68.2 53.3 79.9



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: 67.77 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

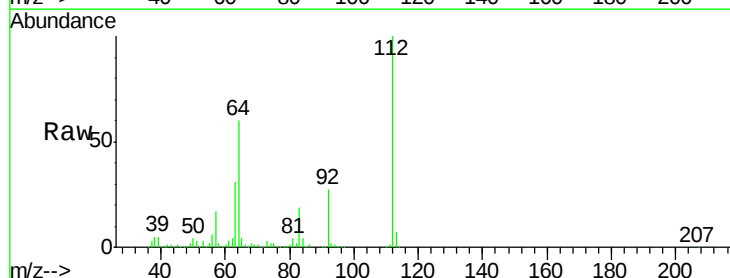
Tgt Ion:112 Resp: 700488

Ion Ratio Lower Upper

112 100

64 59.9 55.8 83.6

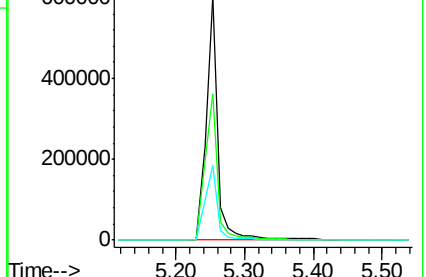
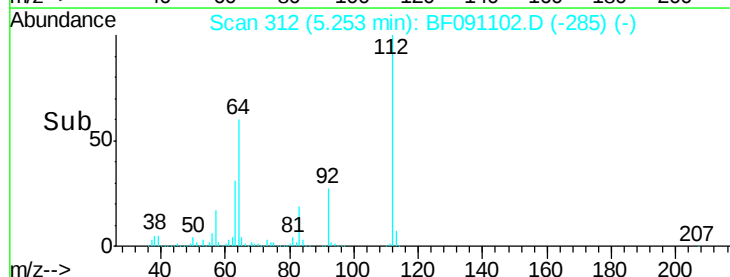
63 30.7 28.0 42.0

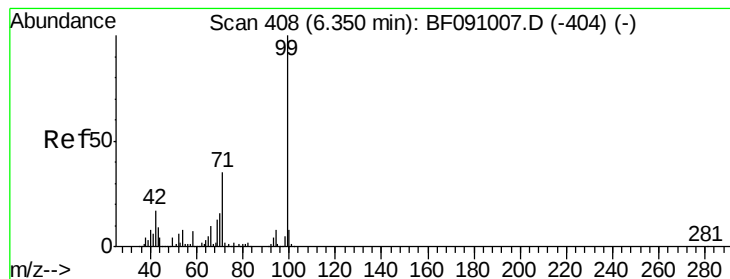


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.17 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

MW20

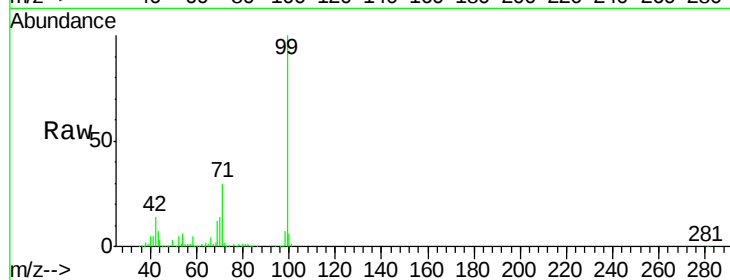
Tgt Ion: 99 Resp: 563564

Ion Ratio Lower Upper

99 100

42 13.7 13.9 20.9#

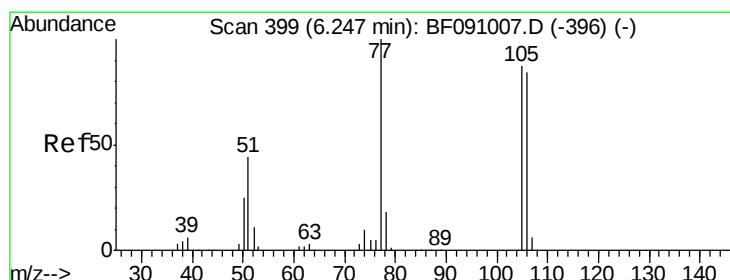
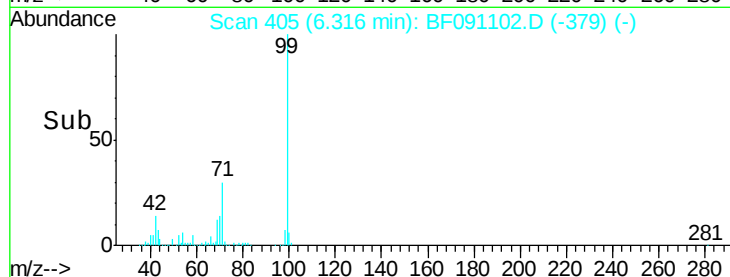
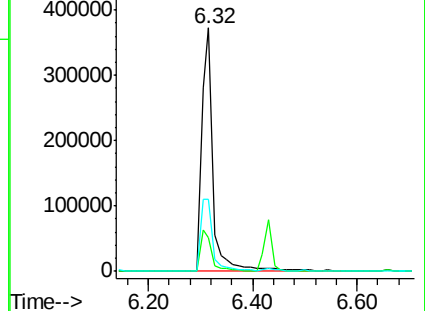
71 29.8 27.8 41.8



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



#9

Benzaldehyde

Concen: 3.67 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

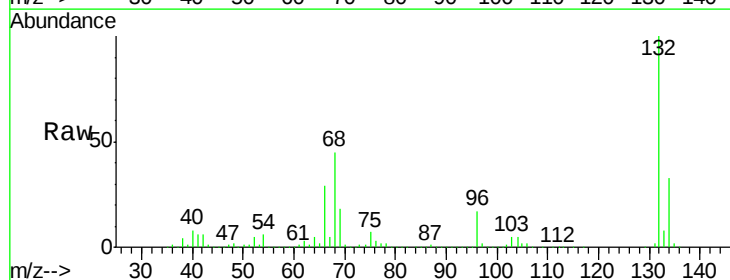
Tgt Ion: 77 Resp: 28599

Ion Ratio Lower Upper

77 100

105 77.3 66.8 106.8

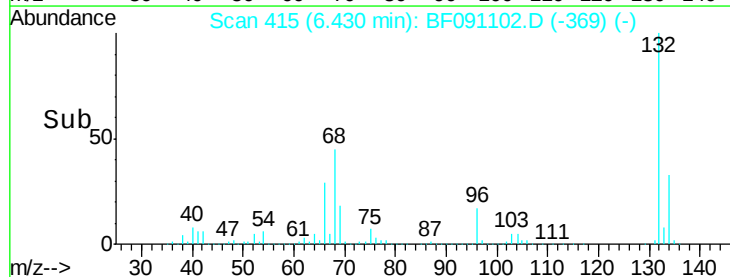
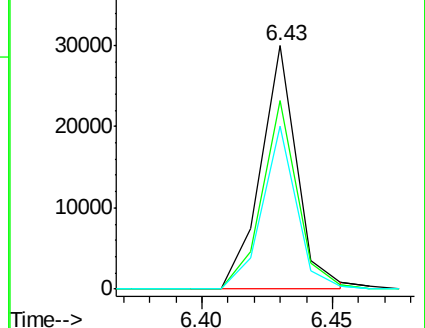
106 66.8 64.0 104.0

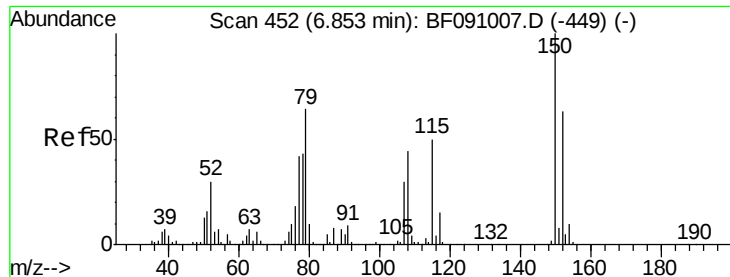


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

MW20

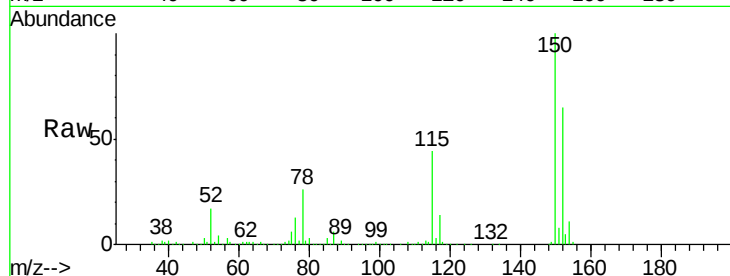
Tgt Ion: 79 Resp: 21634

Ion Ratio Lower Upper

79 100

108 30.4 55.7 83.5#

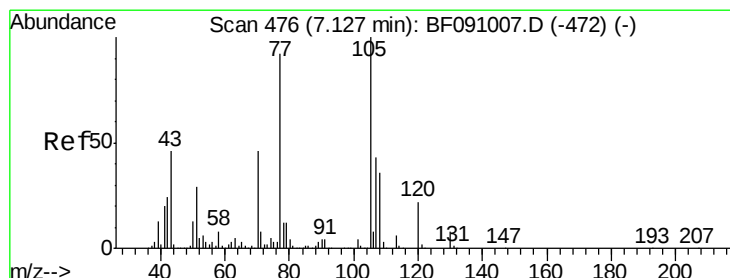
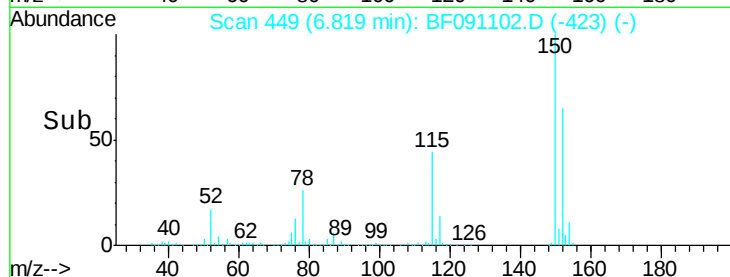
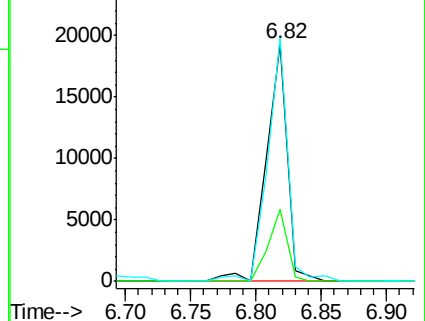
77 102.7 52.6 79.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.93 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

Tgt Ion: 70 Resp: 154867

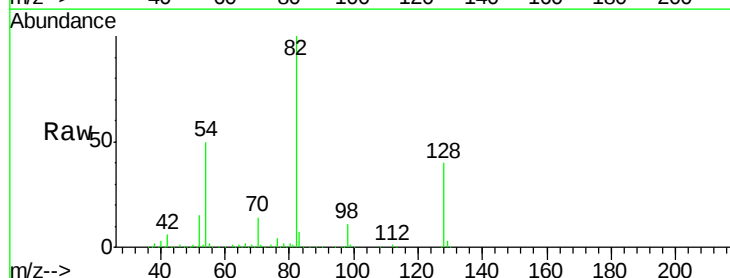
Ion Ratio Lower Upper

70 100

42 40.7 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#

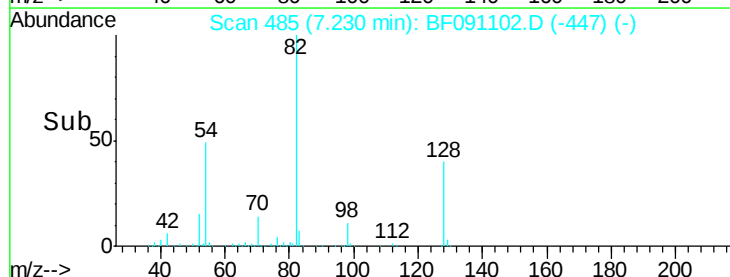
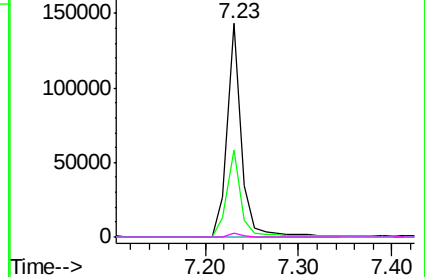


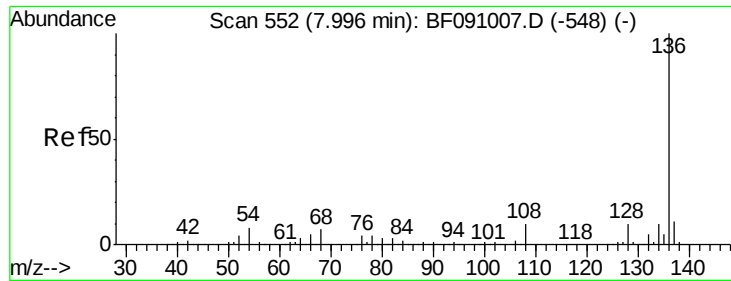
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

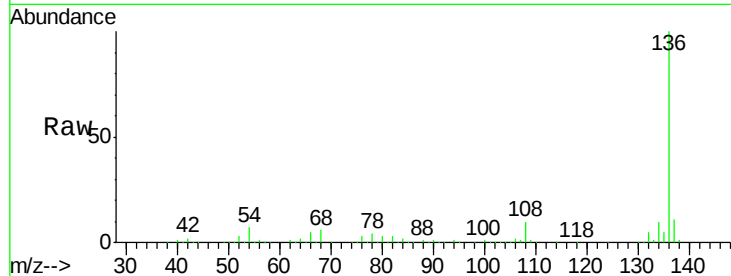




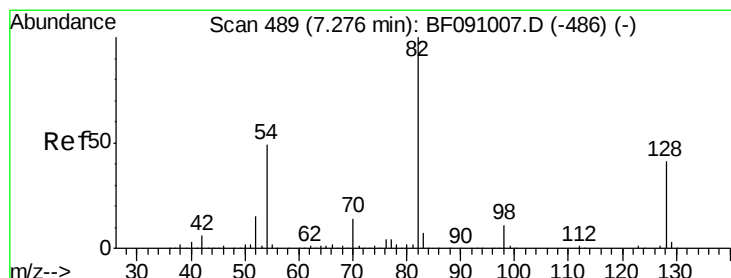
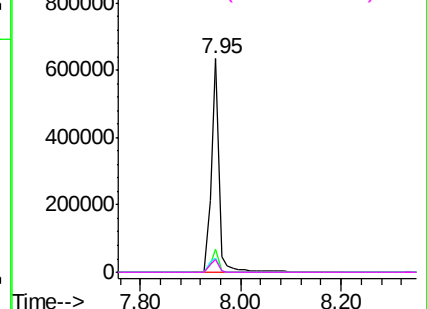
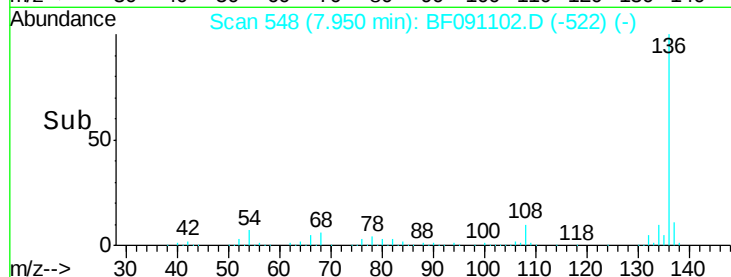
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091102.D
Acq: 9 Nov 2016 00:29

Instrument :
BNA_F
ClientSampleId :
MW20

Tgt Ion:	136	Resp:	670710
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.2	9.2
68	6.1	5.5	8.3

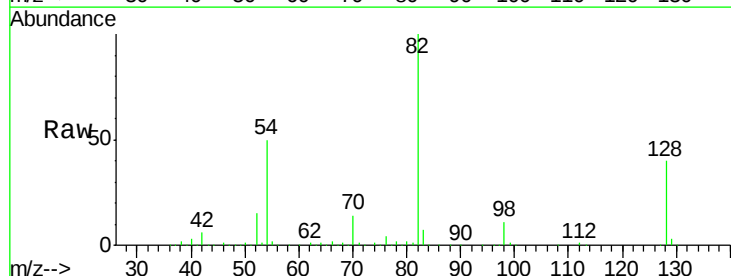


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

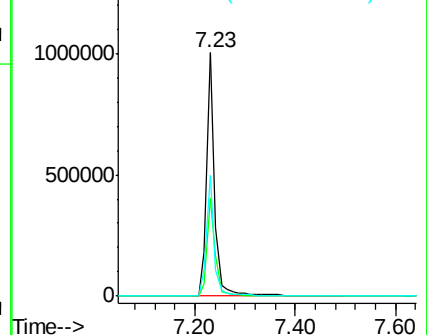
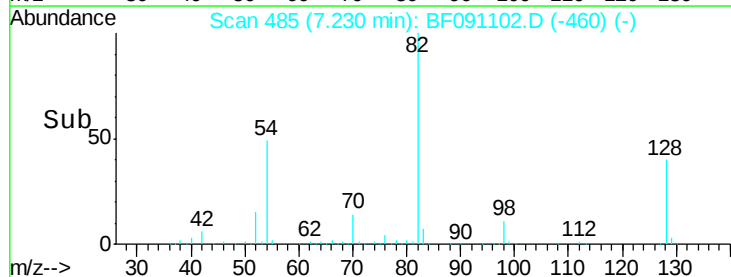


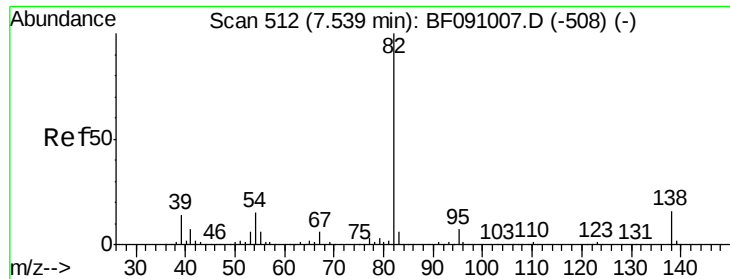
#23
Nitrobenzene-d5
Concen: 92.18 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091102.D
Acq: 9 Nov 2016 00:29

Tgt Ion:	82	Resp:	1133366
Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.4	48.6
54	49.5	39.2	58.8



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





#25

Isophorone

Concen: 41.83 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

MW20

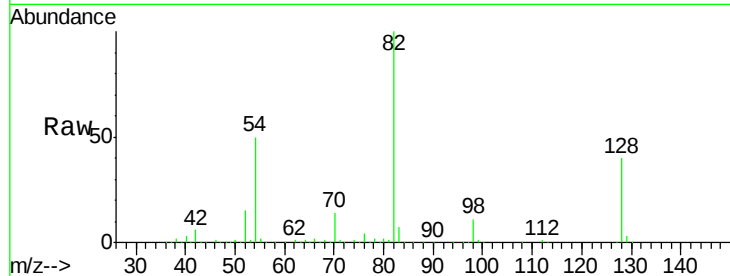
Tgt Ion: 82 Resp: 991101

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

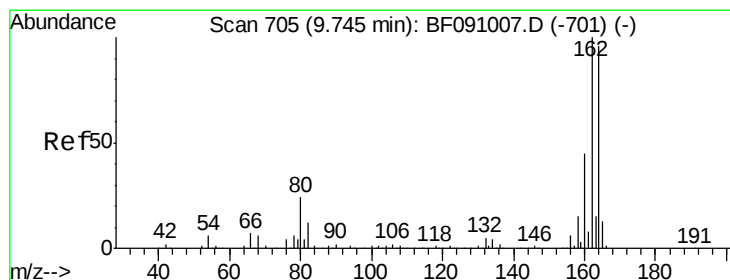
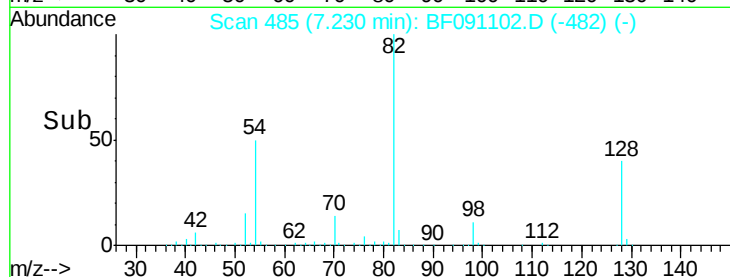
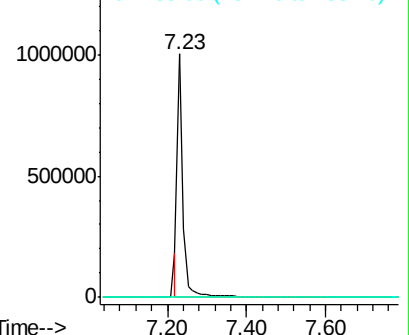
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

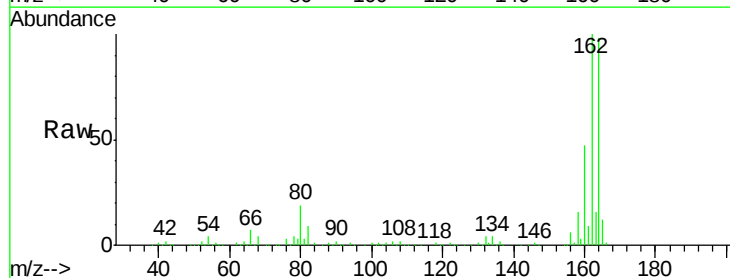
Tgt Ion:164 Resp: 337926

Ion Ratio Lower Upper

164 100

162 102.0 83.6 125.4

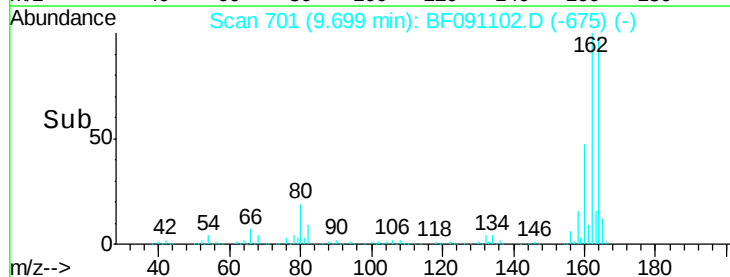
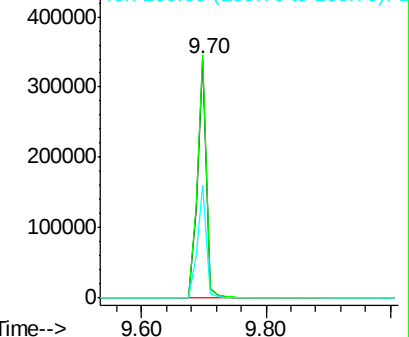
160 47.5 37.9 56.9

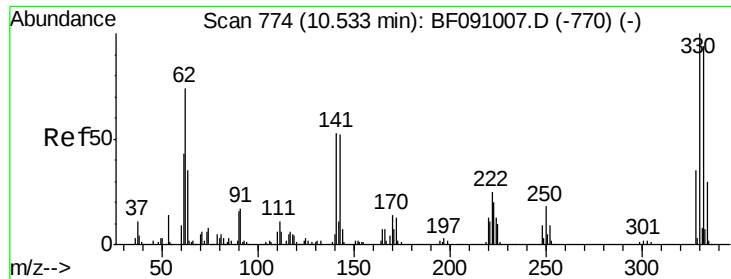


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

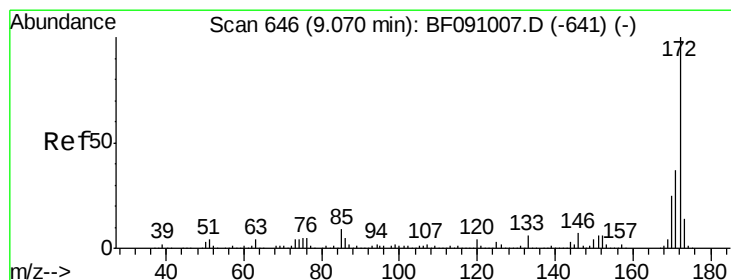
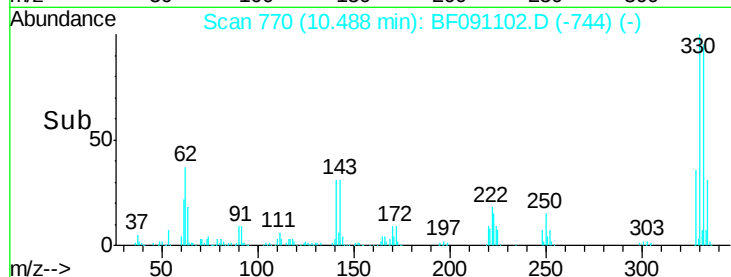
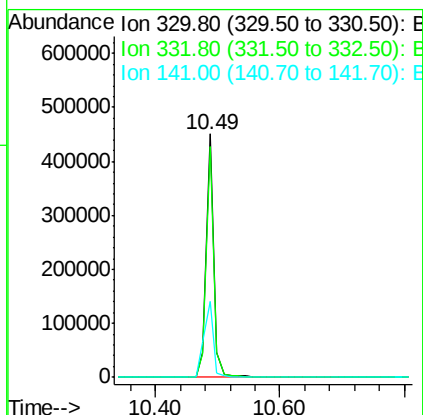
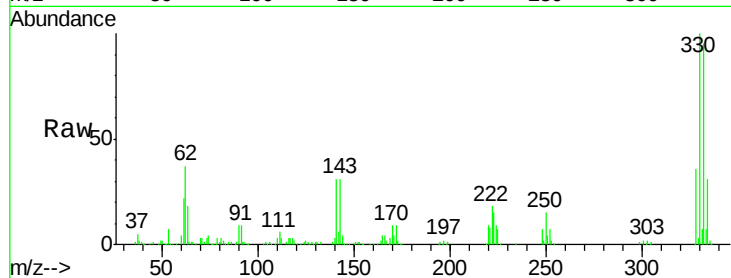




#41
 2,4,6-Tribromophenol
 Concen: 126.80 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091102.D
 Acq: 9 Nov 2016 00:29

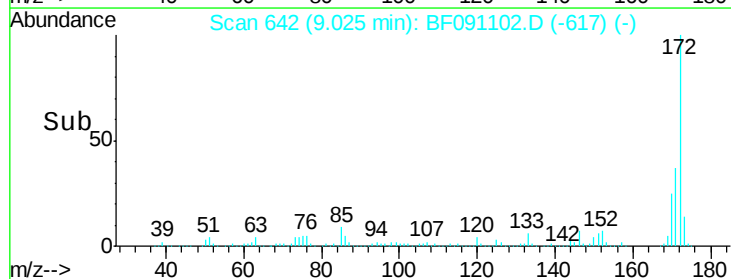
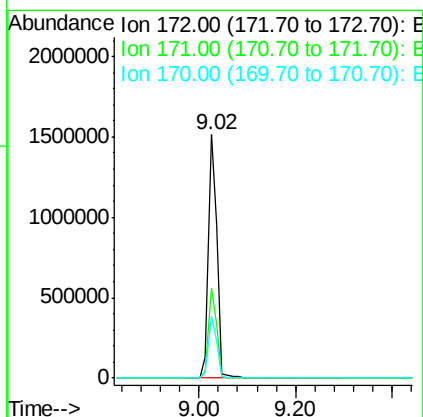
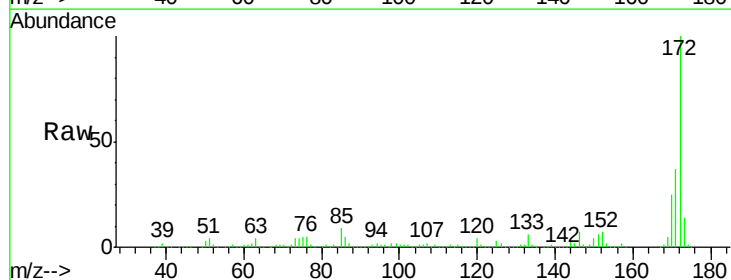
Instrument :
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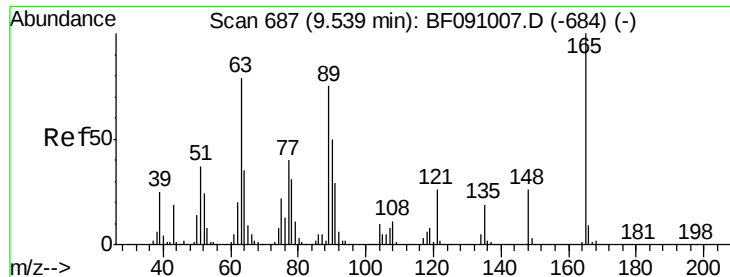
Tgt Ion:330 Resp: 387397
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 39.8 36.1 54.1



#44
 2-Fluorobiphenyl
 Concen: 94.30 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091102.D
 Acq: 9 Nov 2016 00:29

Tgt Ion:172 Resp: 1850955
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.2 20.3 30.5

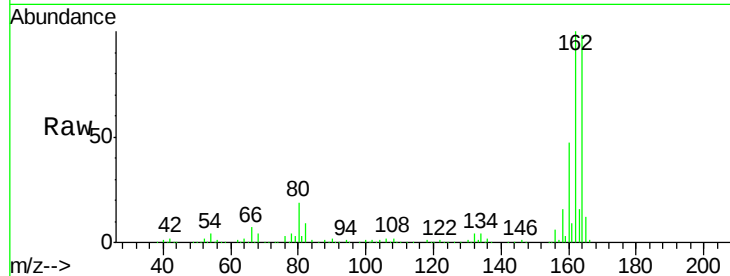




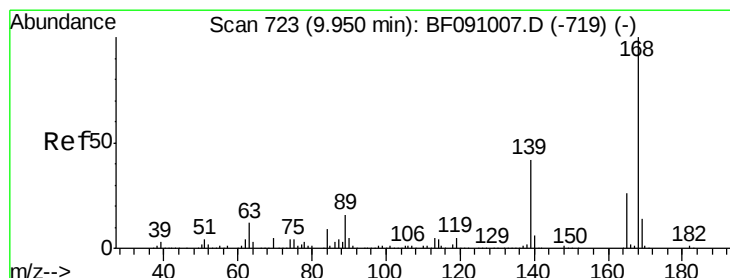
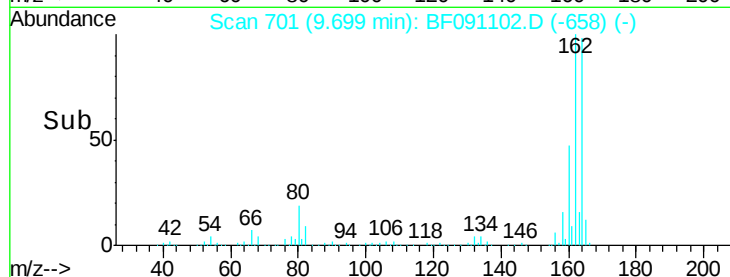
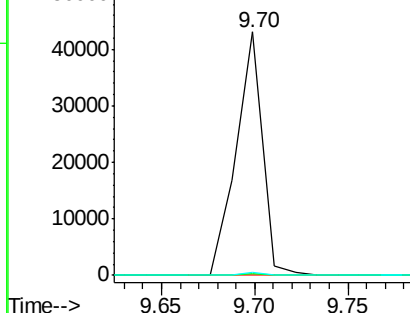
#50
 2,6-Dinitrotoluene
 Concen: 8.97 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.19 min
 Lab File: BF091102.D
 Acq: 9 Nov 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 MW20

Tgt Ion:165 Resp: 42608
 Ion Ratio Lower Upper
 165 100
 63 0.7 65.6 98.4#
 89 1.2 59.8 89.6#

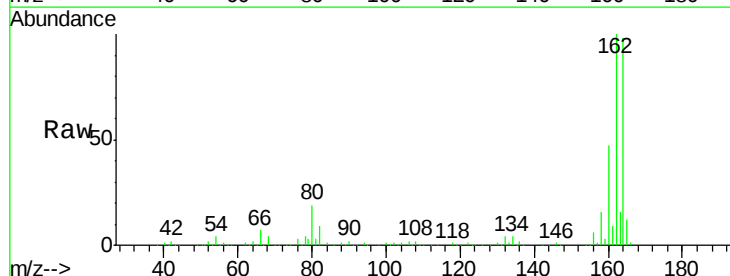


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

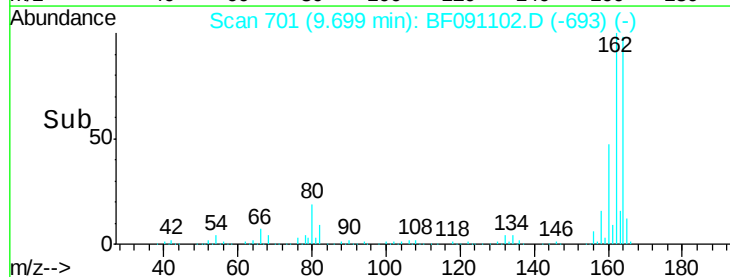
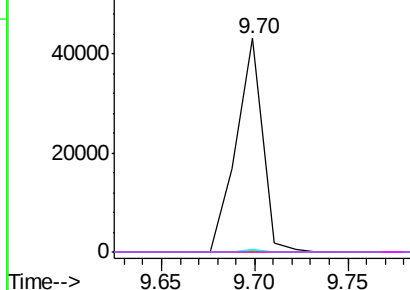


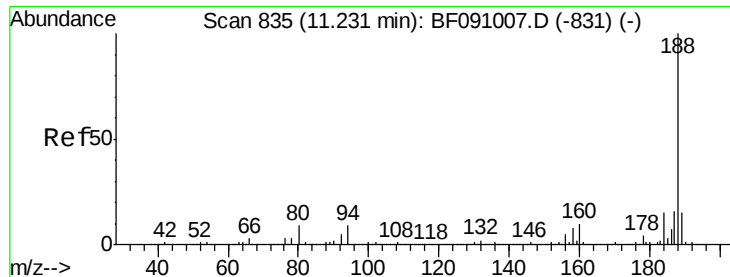
#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.21 min
 Lab File: BF091102.D
 Acq: 9 Nov 2016 00:29

Tgt Ion:165 Resp: 42608
 Ion Ratio Lower Upper
 165 100
 63 0.7 38.7 58.1#
 89 1.2 50.6 76.0#
 182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

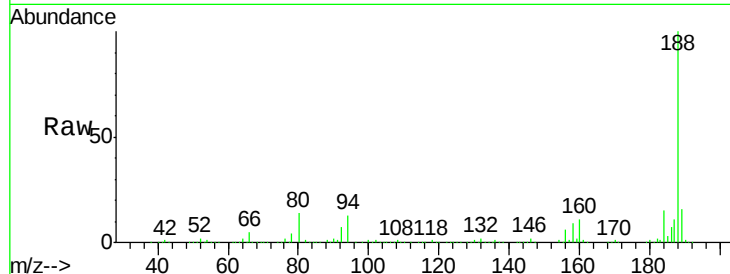




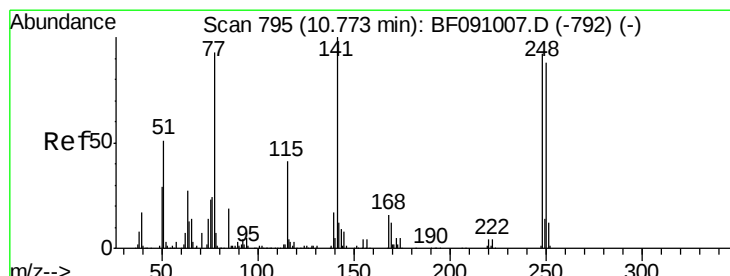
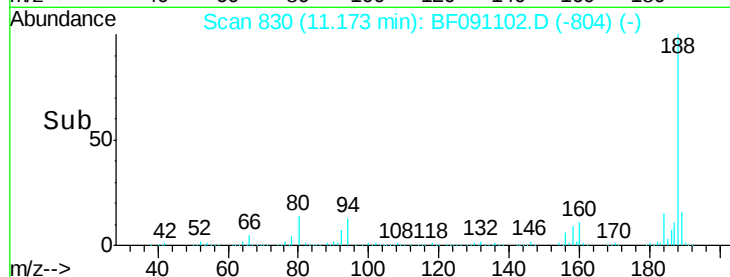
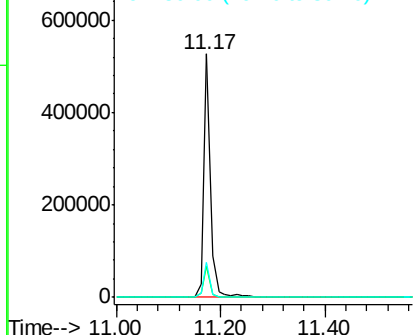
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091102.D
Acq: 9 Nov 2016 00:29

Instrument :
BNA_F
ClientSampleId :
MW20

Tgt Ion:188 Resp: 474880
Ion Ratio Lower Upper
188 100
94 12.6 7.0 10.4#
80 14.3 7.5 11.3#

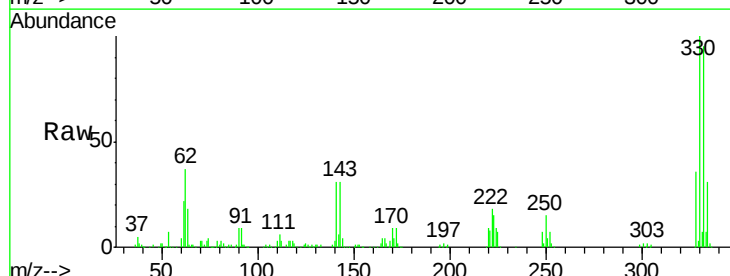


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

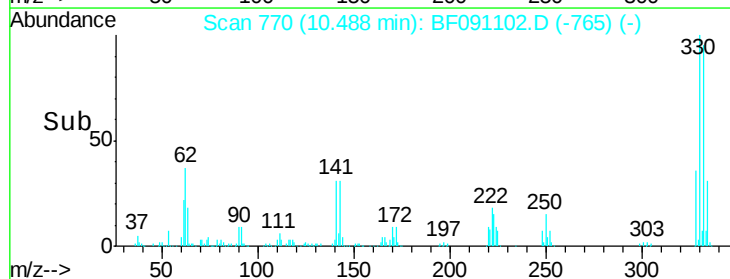
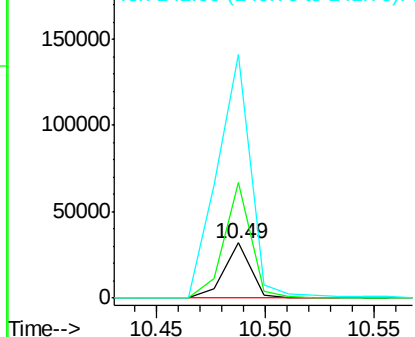


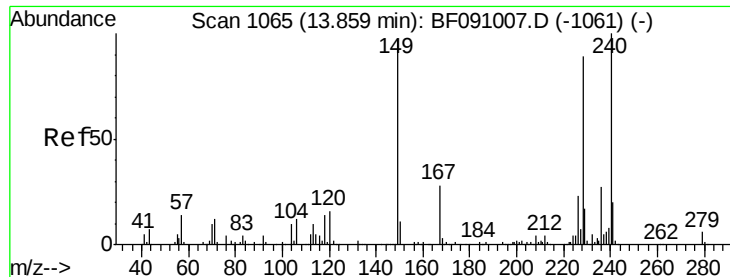
#66
4-Bromophenyl-phenylether
Concen: 5.55 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091102.D
Acq: 9 Nov 2016 00:29

Tgt Ion:248 Resp: 27392
Ion Ratio Lower Upper
248 100
250 208.2 76.3 114.5#
141 440.7 86.8 130.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

Instrument :

BNA_F

ClientSampleId :

MW20

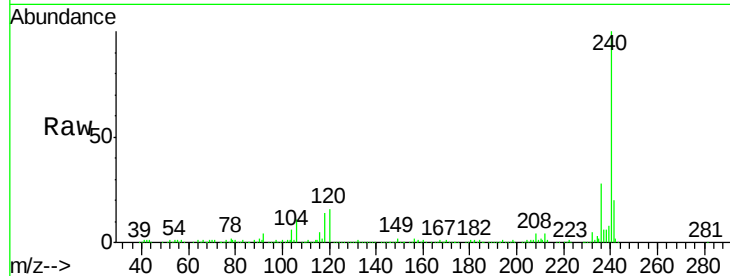
Tgt Ion:240 Resp: 328928

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

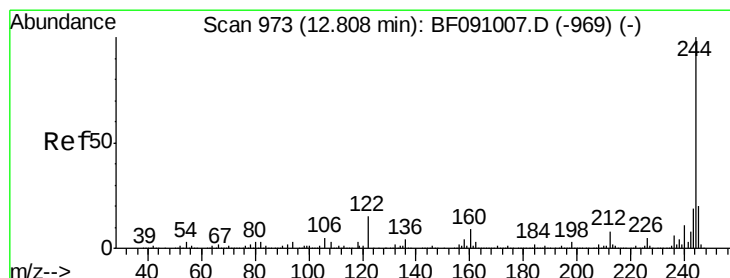
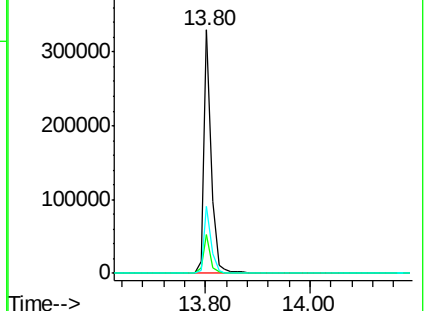
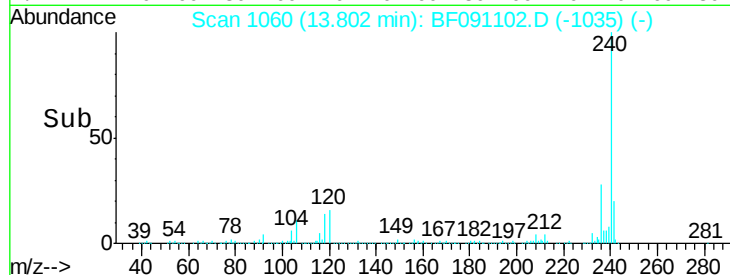
236 27.7 21.9 32.9



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: 103.08 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091102.D

Acq: 9 Nov 2016 00:29

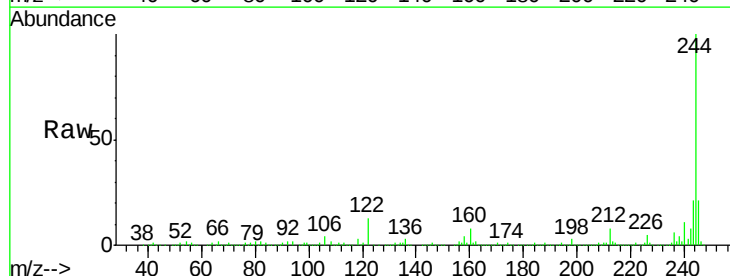
Tgt Ion:244 Resp: 1358733

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

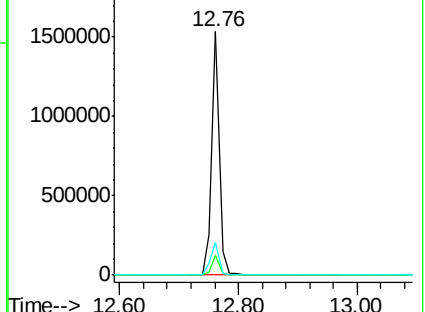
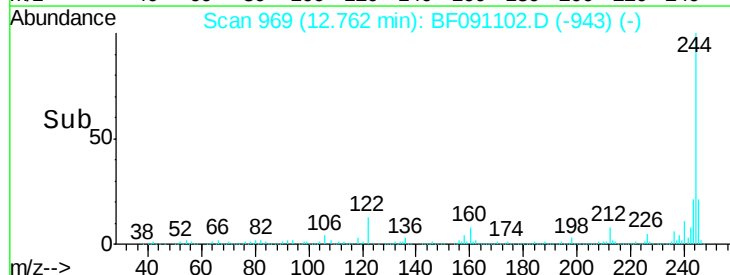
122 13.1 12.3 18.5

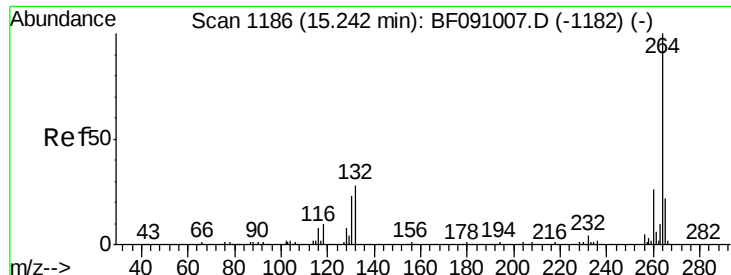


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.19 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF091102.D
 Acq: 9 Nov 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 MW20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	21.8	17.8	26.8

