

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091094.D
 Acq On : 8 Nov 2016 20:50
 Operator : UM/SJ
 Sample : H5581-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Nov 09 00:44:59 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

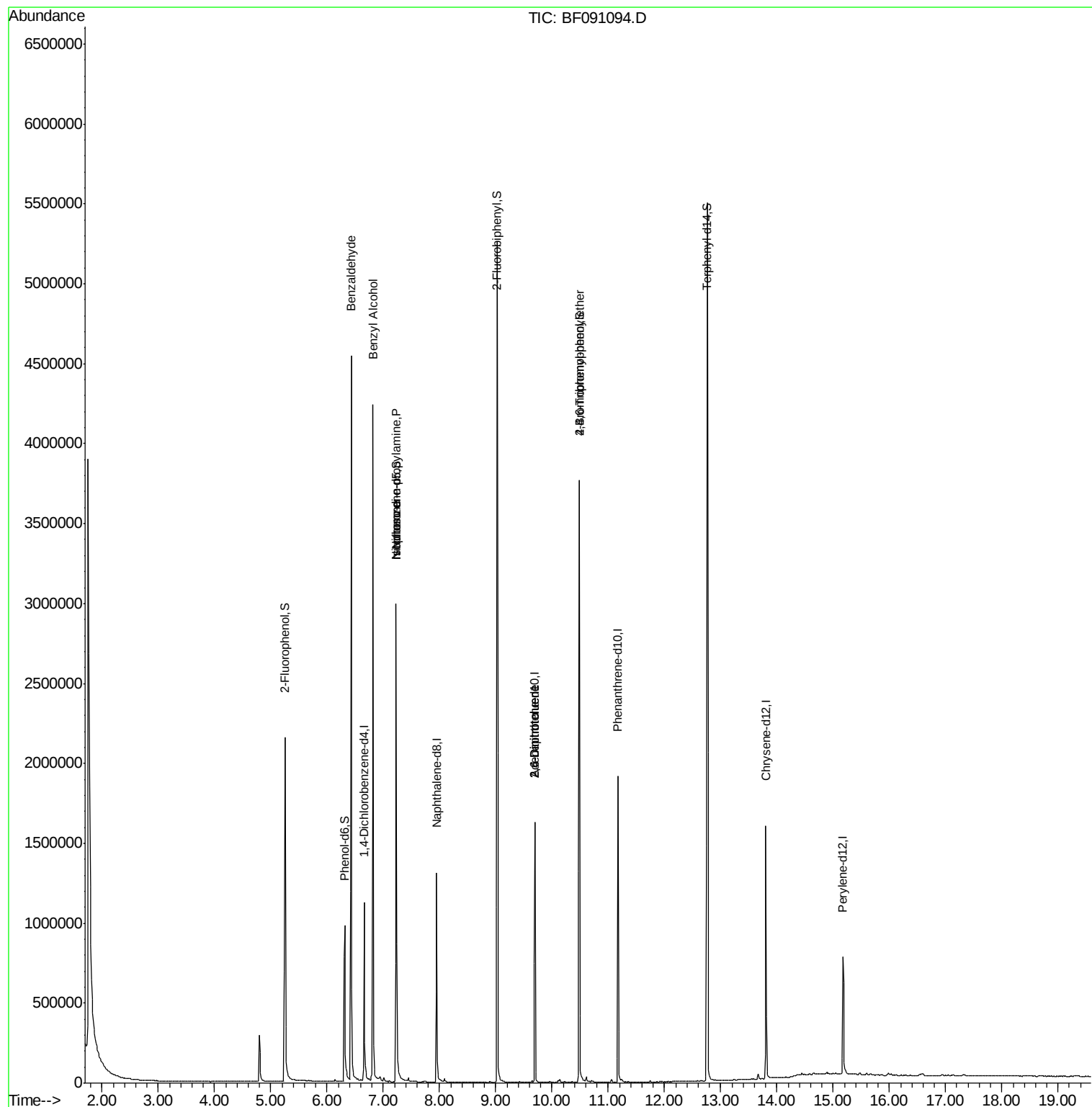
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178461	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	731673	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	392670	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	656650	20.00	ng	0.00
75) Chrysene-d12	13.80	240	503745	20.00	ng	-0.01
86) Perylene-d12	15.17	264	355620	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	700981	64.87	ng	0.01
7) Phenol-d6	6.32	99	560631	38.22	ng	0.00
23) Nitrobenzene-d5	7.23	82	1259620	93.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	482790	136.00	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2003187	87.83	ng	-0.01
78) Terphenyl-d14	12.76	244	2103050	104.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	30539	3.75	ng	89
15) Benzyl Alcohol	6.82	79	23202	2.24	ng	# 53
19) n-Nitroso-di-n-propylamine	7.23	70	173972	17.12	ng	# 80
25) Isophorone	7.23	82	1062782	41.12	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	51075	9.26	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	51077	7.28	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	34543	5.06	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: BF091094.D

Acq: 8 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

MW1

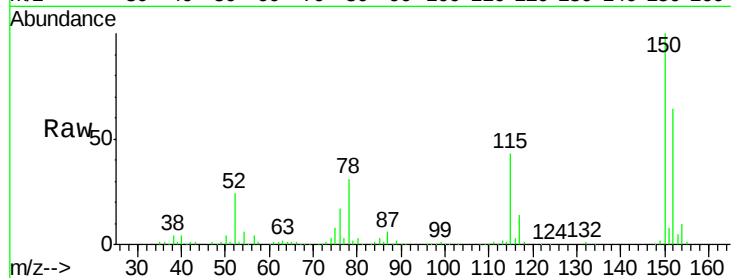
Tgt Ion:152 Resp: 178461

Ion Ratio Lower Upper

152 100

150 155.6 126.8 190.2

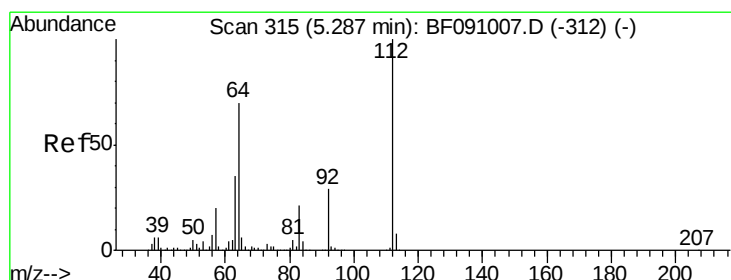
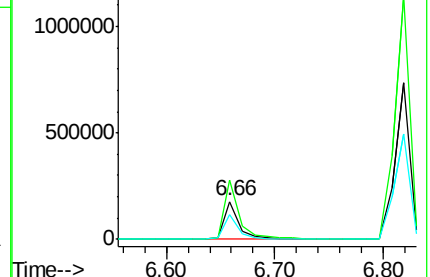
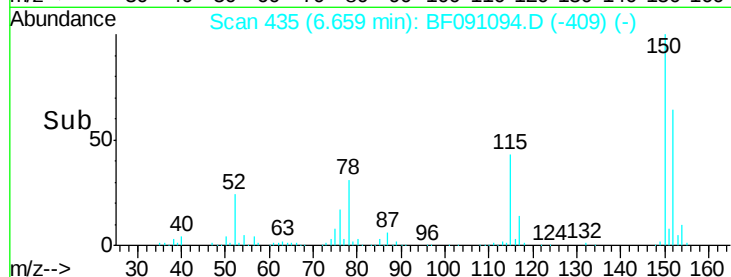
115 66.5 53.3 79.9



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: 64.87 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

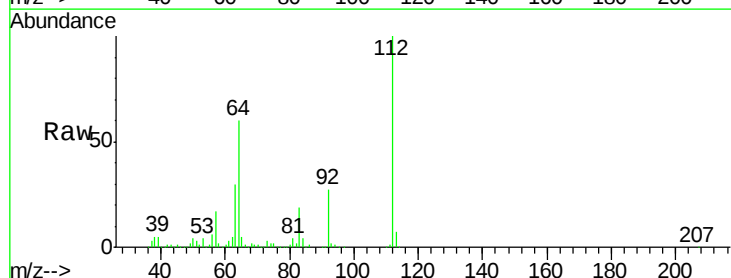
Tgt Ion:112 Resp: 700981

Ion Ratio Lower Upper

112 100

64 60.5 55.8 83.6

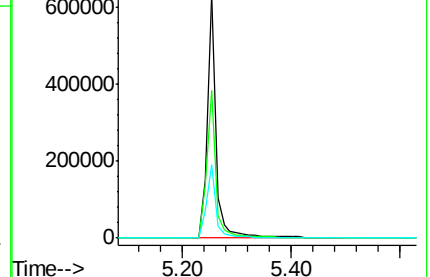
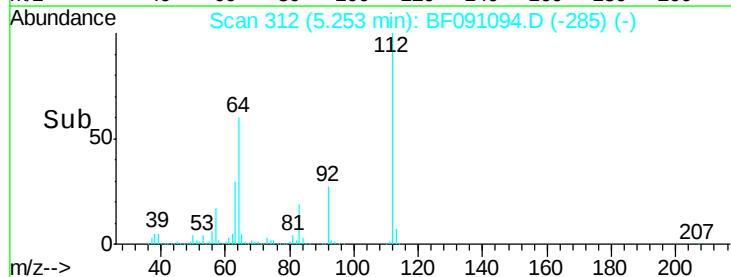
63 30.2 28.0 42.0

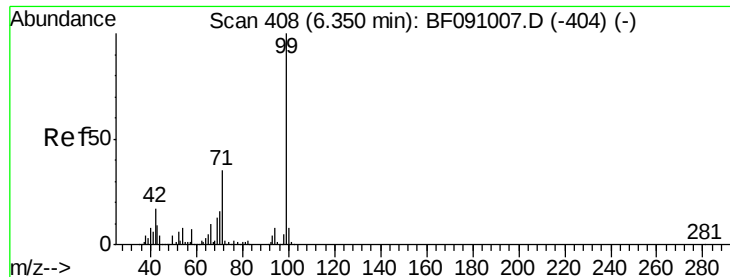


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.22 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

MW1

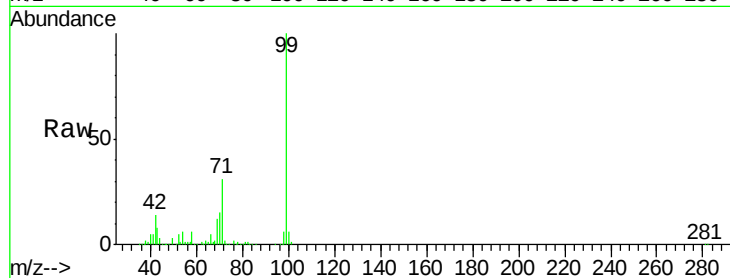
Tgt Ion: 99 Resp: 560631

Ion Ratio Lower Upper

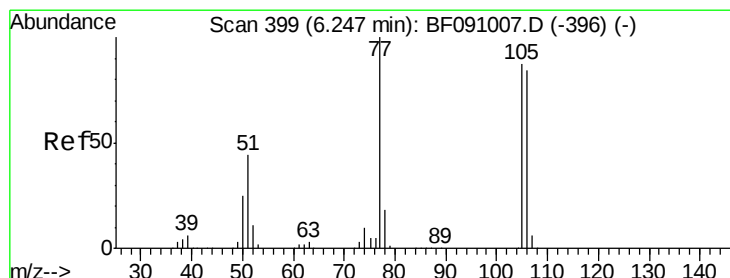
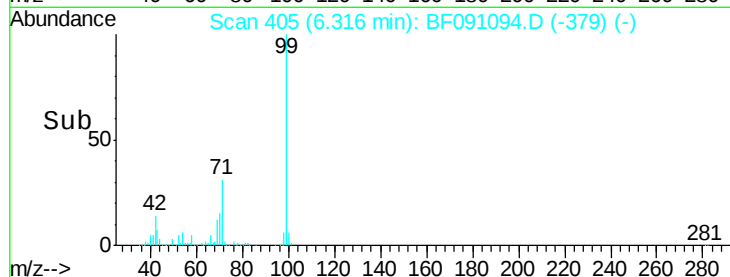
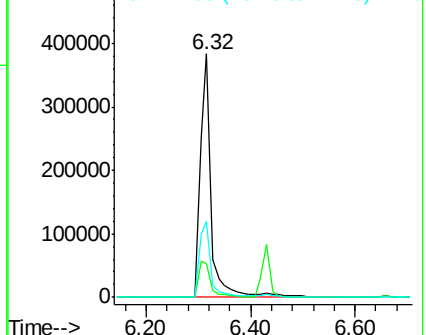
99 100

42 14.1 13.9 20.9

71 31.3 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: 3.75 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

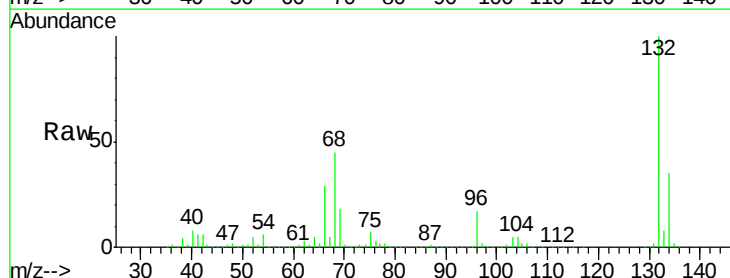
Tgt Ion: 77 Resp: 30539

Ion Ratio Lower Upper

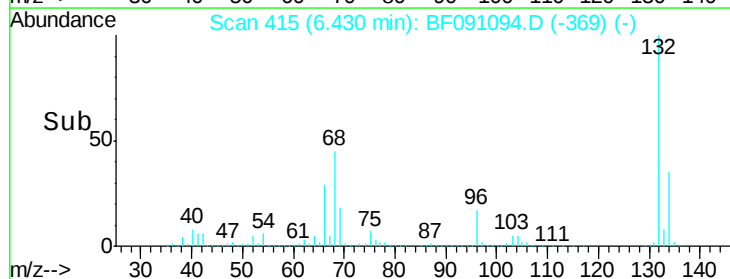
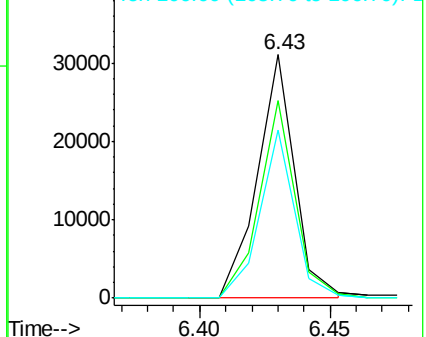
77 100

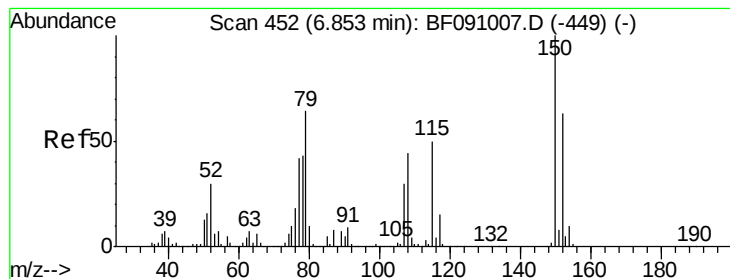
105 80.9 66.8 106.8

106 68.9 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

Instrument :

BNA_F

ClientSampled :

MW1

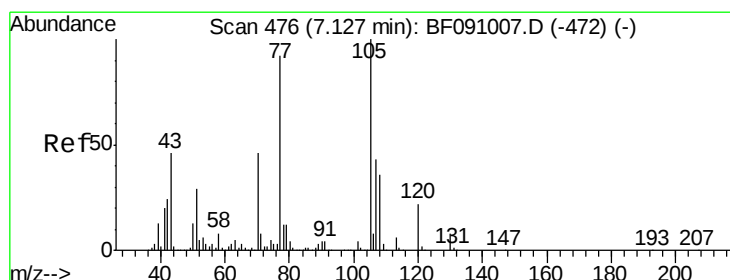
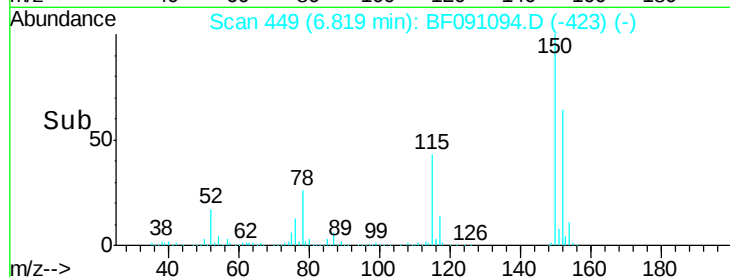
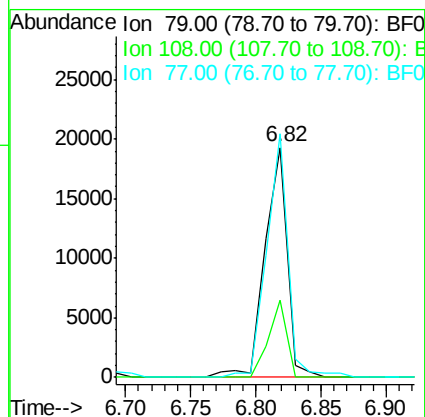
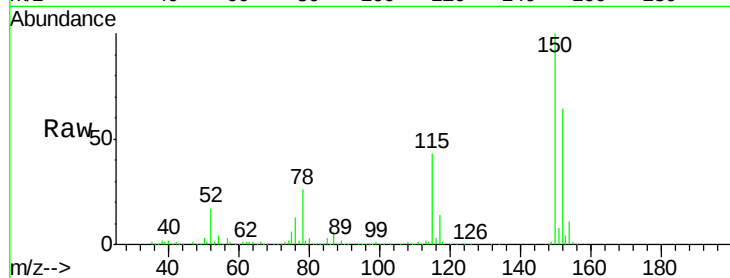
Tgt Ion: 79 Resp: 23202

Ion Ratio Lower Upper

79 100

108 33.4 55.7 83.5#

77 106.0 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.12 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

Tgt Ion: 70 Resp: 173972

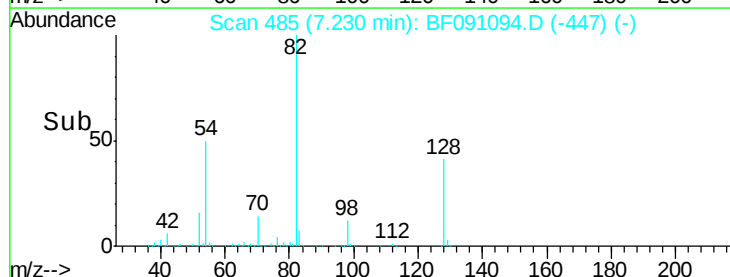
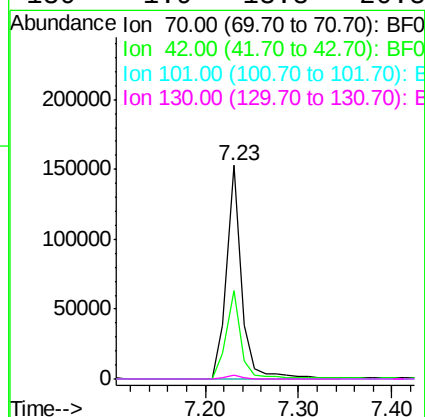
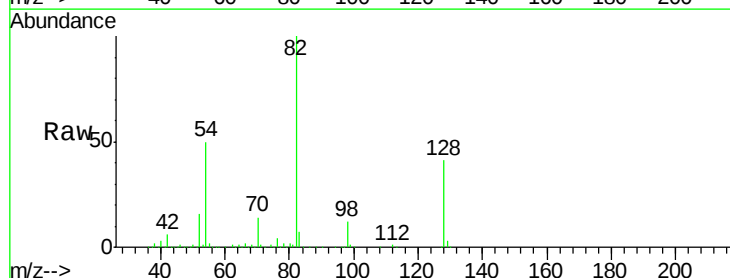
Ion Ratio Lower Upper

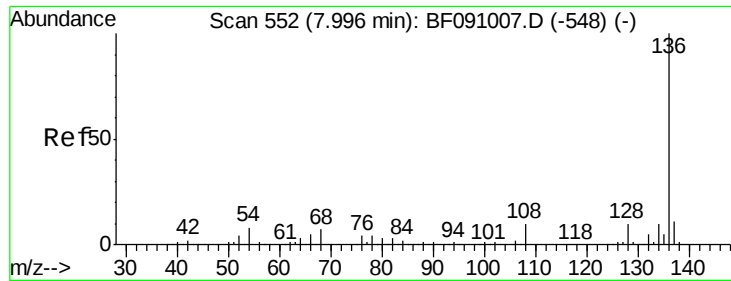
70 100

42 41.6 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#

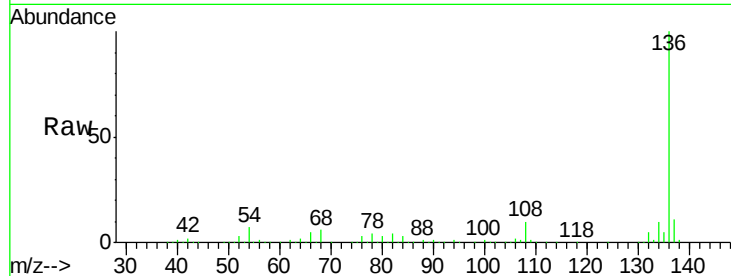




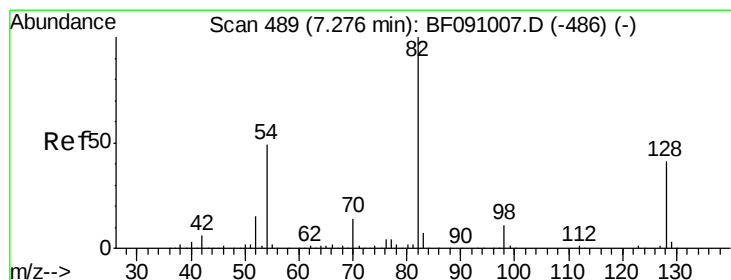
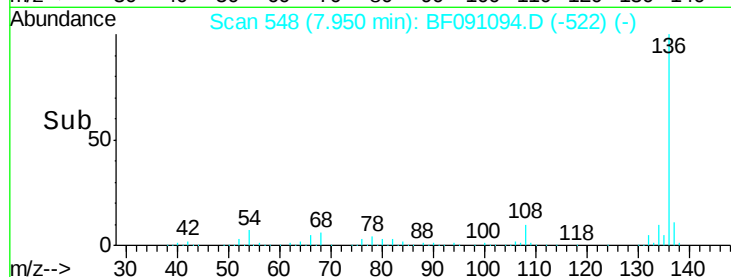
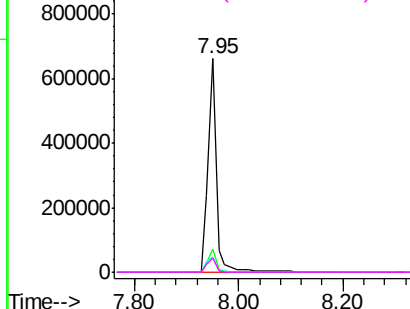
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091094.D
Acq: 8 Nov 2016 20:50

Instrument :
BNA_F
ClientSampleId :
MW1

Tgt Ion:	136	Resp:	731673
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	6.2	9.2
68	6.4	5.5	8.3

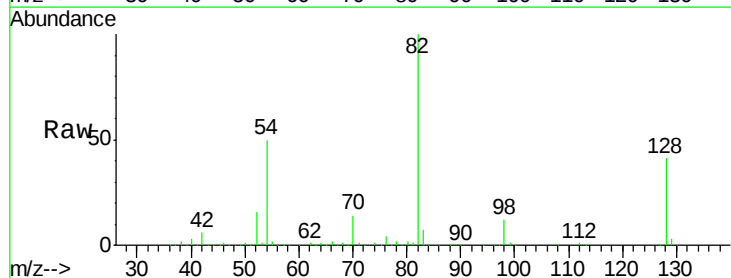


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

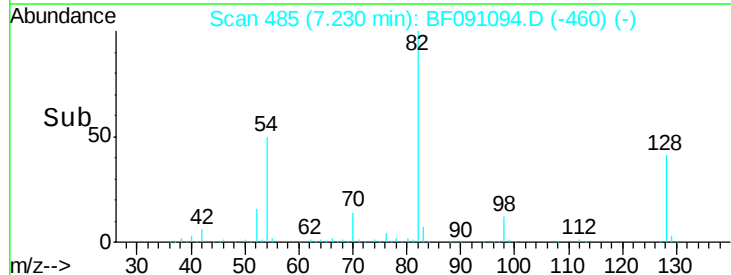
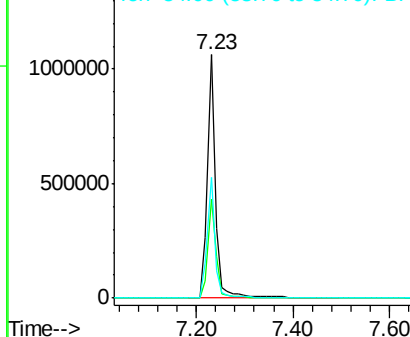


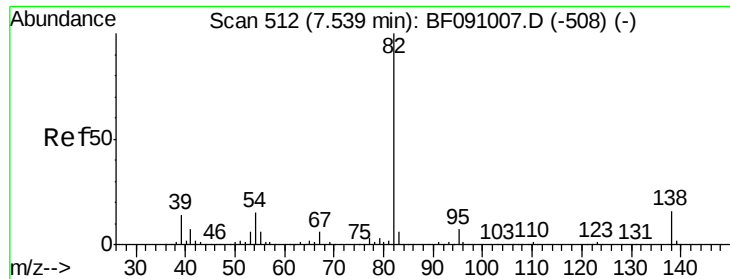
#23
Nitrobenzene-d5
Concen: 93.91 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091094.D
Acq: 8 Nov 2016 20:50

Tgt Ion:	82	Resp:	1259620
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	49.8	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: 41.12 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

MW1

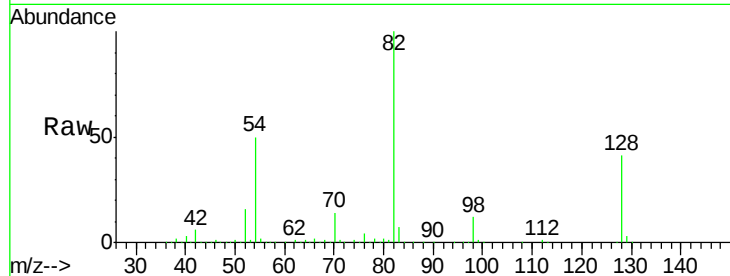
Tgt Ion: 82 Resp: 1062782

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

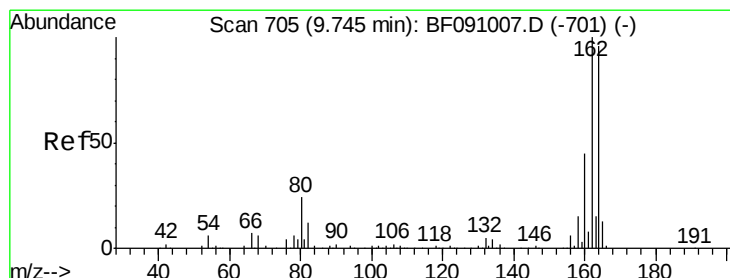
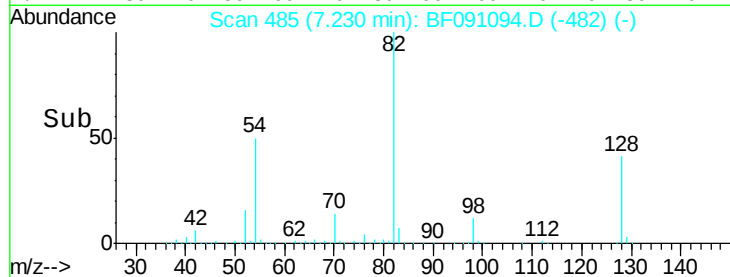
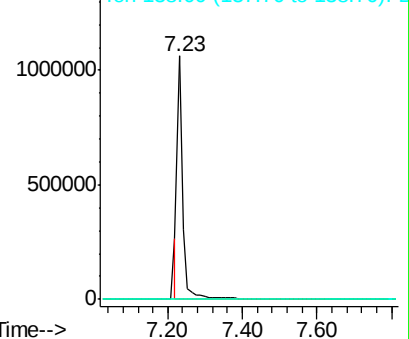
138 0.0 13.0 19.4#



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: BF091094.D

Acq: 8 Nov 2016 20:50

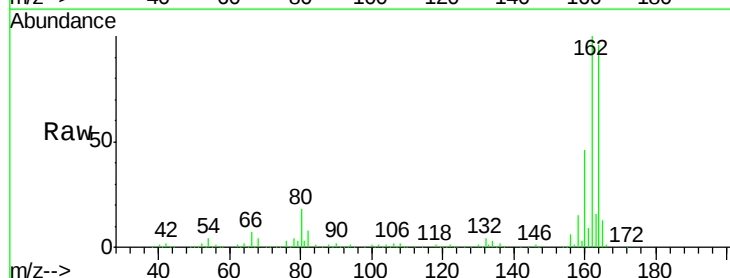
Tgt Ion:164 Resp: 392670

Ion Ratio Lower Upper

164 100

162 103.7 83.6 125.4

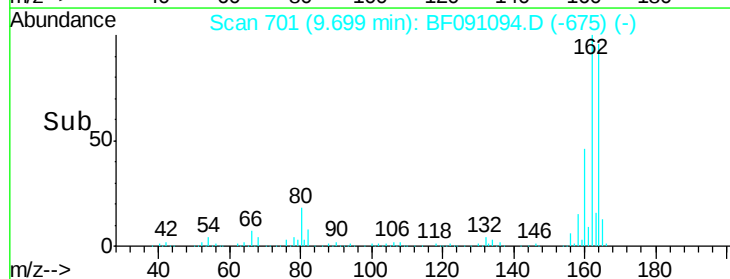
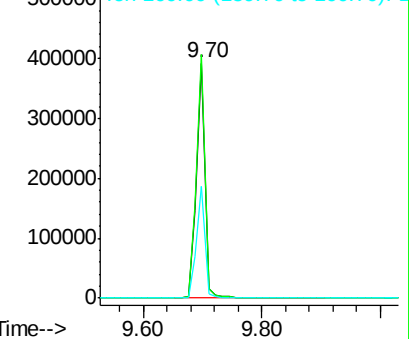
160 47.3 37.9 56.9

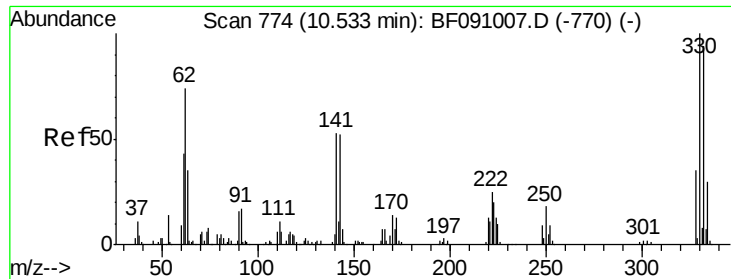


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

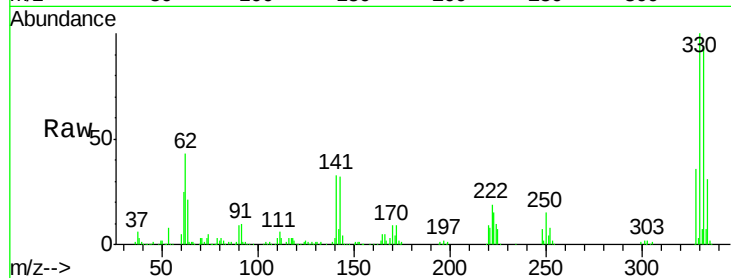




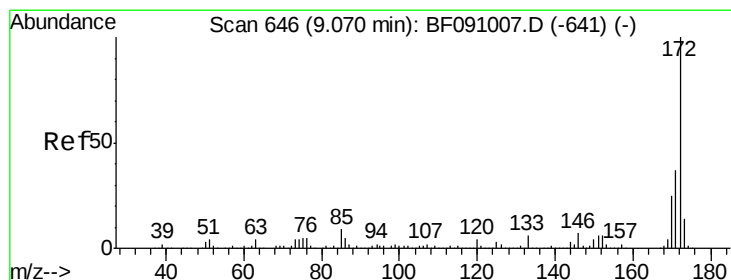
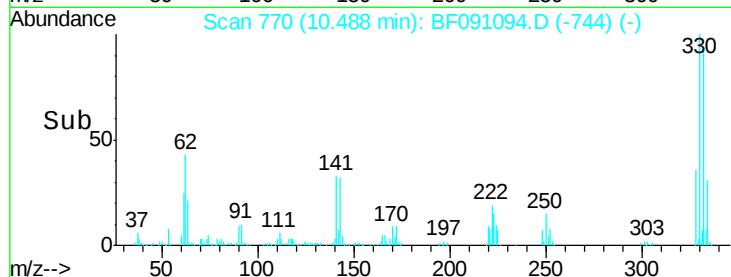
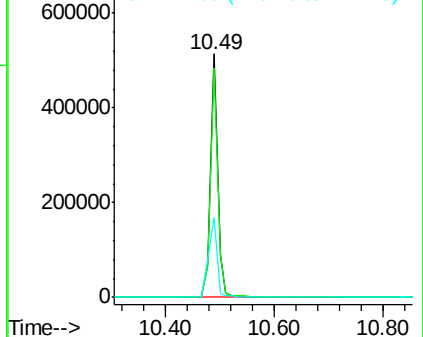
#41
 2,4,6-Tribromophenol
 Concen: 136.00 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091094.D
 Acq: 8 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tgt Ion:330 Resp: 482790
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.9 113.9
 141 39.0 36.1 54.1

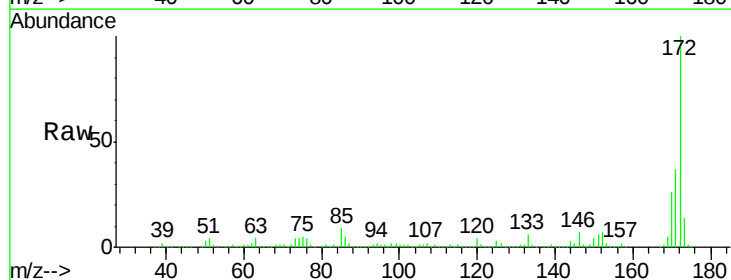


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

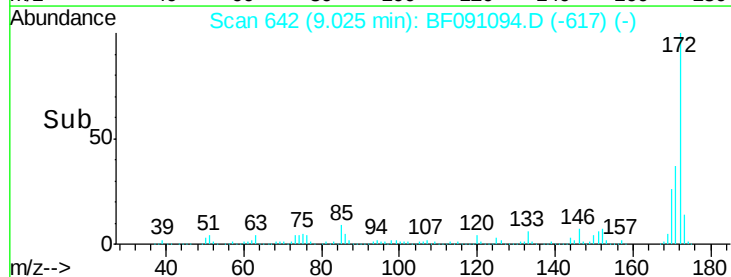
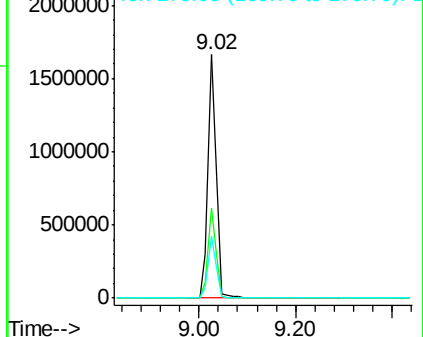


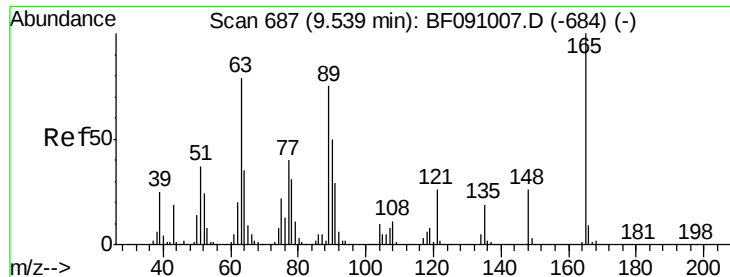
#44
 2-Fluorobiphenyl
 Concen: 87.83 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091094.D
 Acq: 8 Nov 2016 20:50

Tgt Ion:172 Resp: 2003187
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.6 20.3 30.5



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

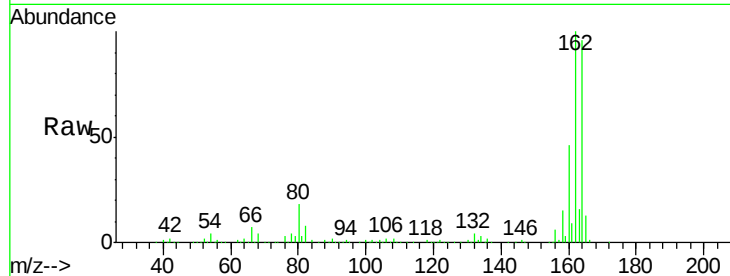




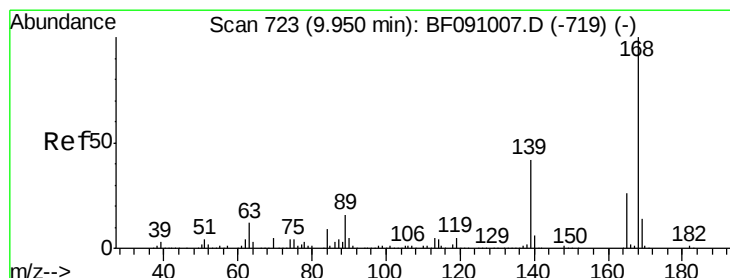
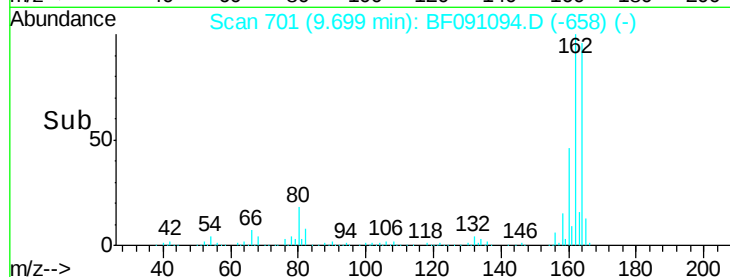
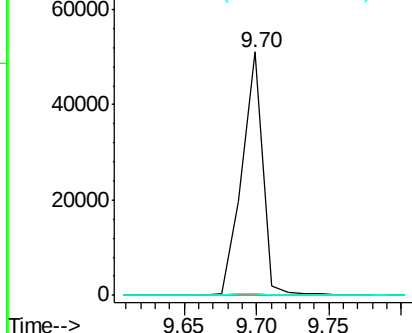
#50
 2,6-Dinitrotoluene
 Concen: 9.26 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.19 min
 Lab File: BF091094.D
 Acq: 8 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tgt Ion:165 Resp: 51075
 Ion Ratio Lower Upper
 165 100
 63 0.8 65.6 98.4#
 89 0.9 59.8 89.6#



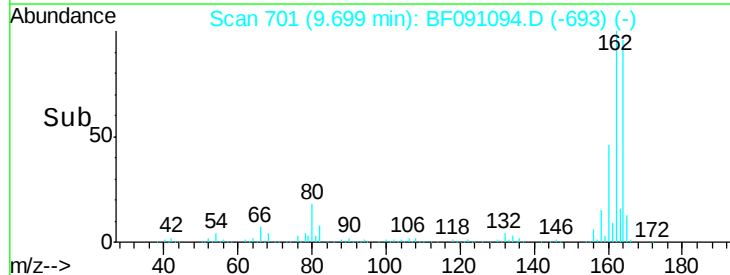
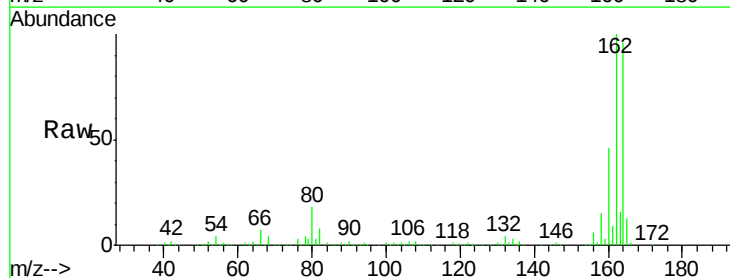
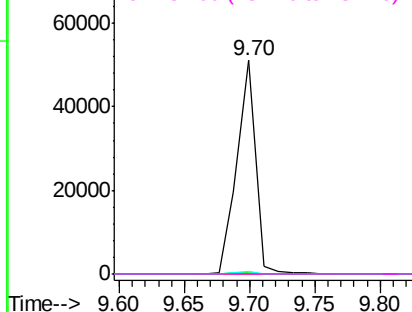
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

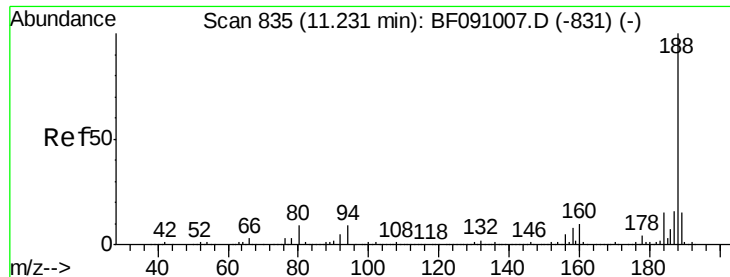


#56
 2,4-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.21 min
 Lab File: BF091094.D
 Acq: 8 Nov 2016 20:50

Tgt Ion:165 Resp: 51077
 Ion Ratio Lower Upper
 165 100
 63 0.8 38.7 58.1#
 89 0.9 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

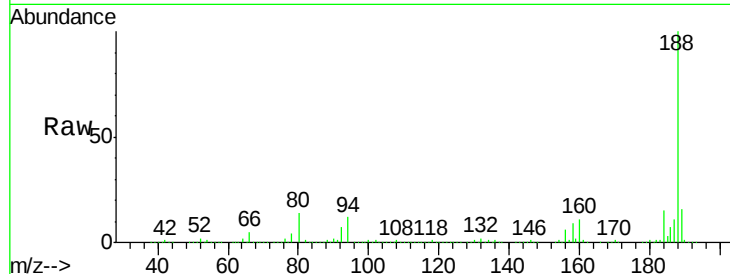




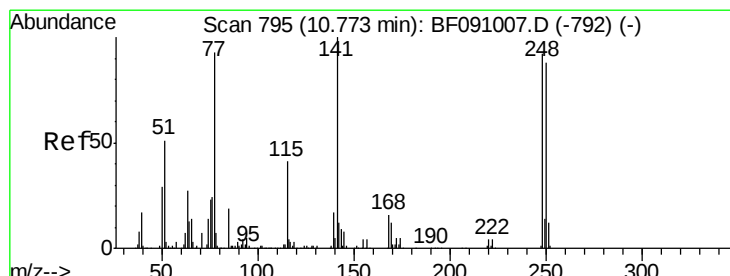
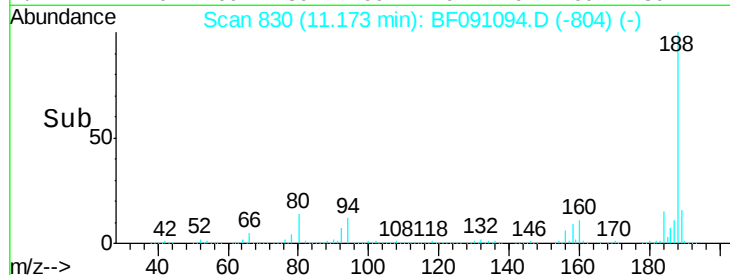
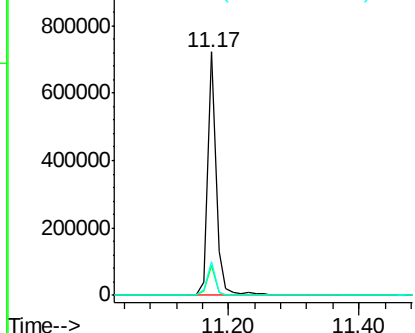
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091094.D
 Acq: 8 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tgt Ion:188 Resp: 656650
 Ion Ratio Lower Upper
 188 100
 94 12.3 7.0 10.4#
 80 13.6 7.5 11.3#

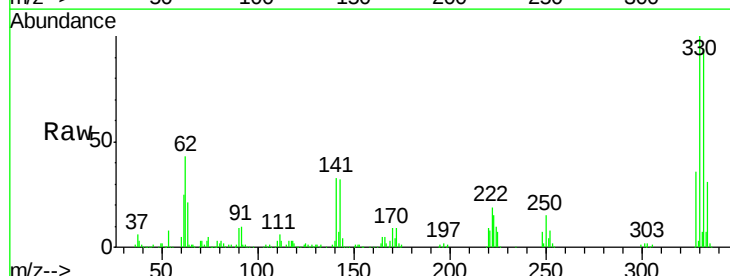


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

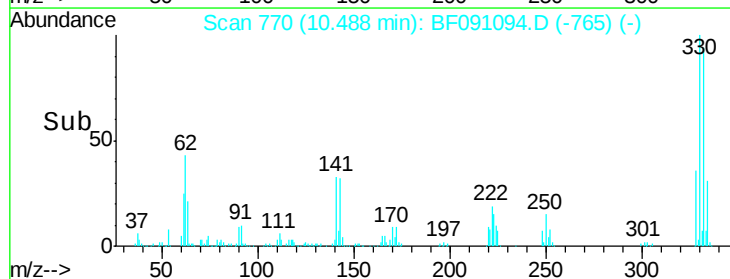
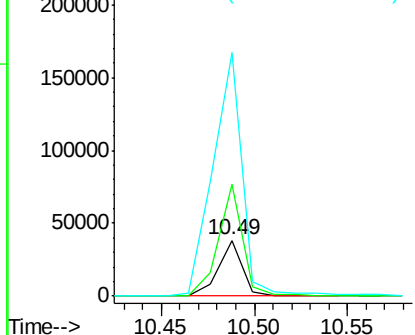


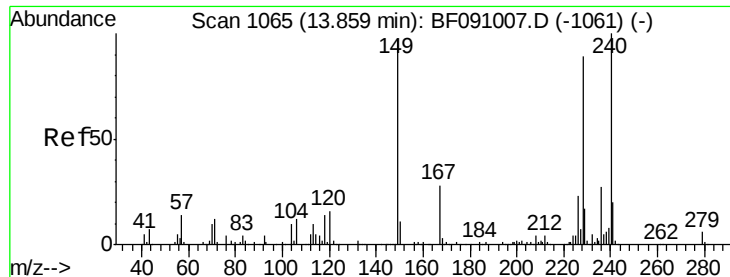
#66
 4-Bromophenyl-phenylether
 Concen: 5.06 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091094.D
 Acq: 8 Nov 2016 20:50

Tgt Ion:248 Resp: 34543
 Ion Ratio Lower Upper
 248 100
 250 200.3 76.3 114.5#
 141 437.6 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: BF091094.D

Acq: 8 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

MW1

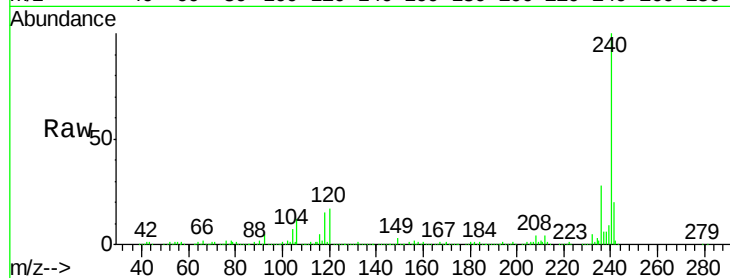
Tgt Ion:240 Resp: 503745

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

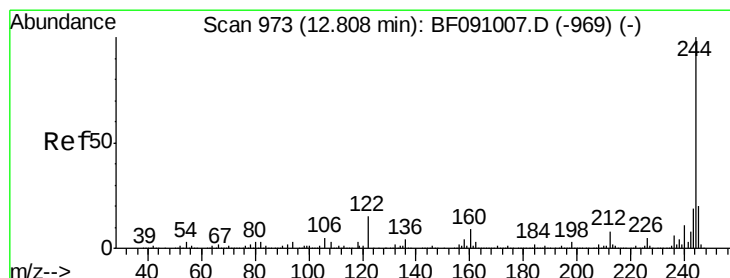
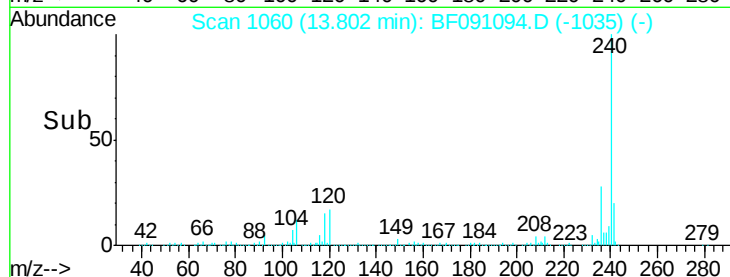
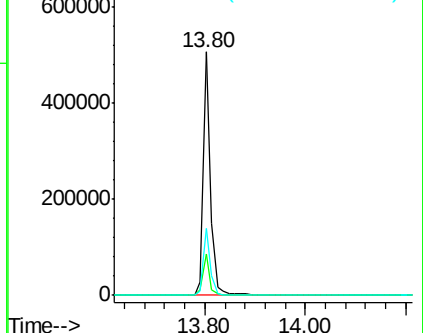
236 27.7 21.9 32.9



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: 104.18 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091094.D

Acq: 8 Nov 2016 20:50

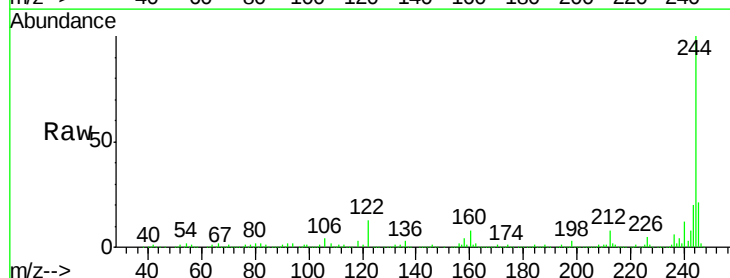
Tgt Ion:244 Resp: 2103050

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

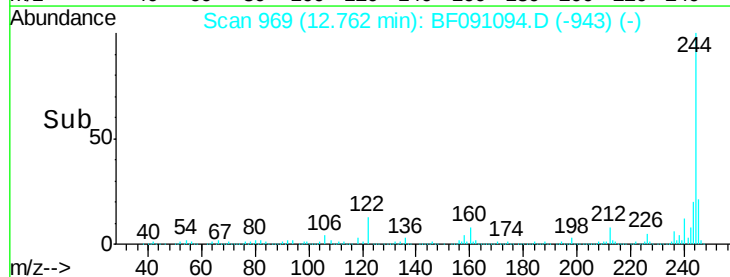
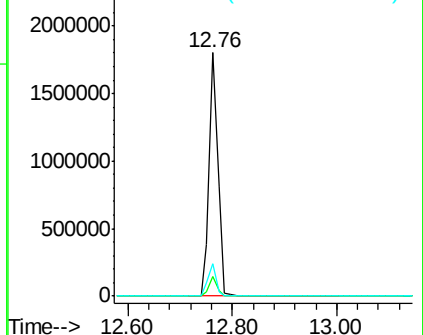
122 13.2 12.3 18.5

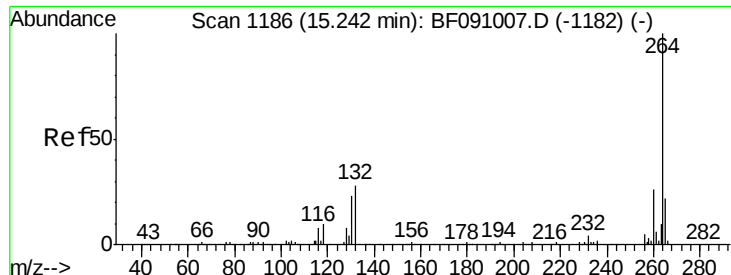


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091094.D
Acq: 8 Nov 2016 20:50

Instrument :
BNA_F
ClientSampleId :
MW1

Tgt Ion: 264 Resp: 355620
Ion Ratio Lower Upper
264 100
260 25.3 20.6 30.8
265 21.7 17.8 26.8

