

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091090.D
 Acq On : 8 Nov 2016 19:01
 Operator : UM/SJ
 Sample : H5581-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW25

Quant Time: Nov 09 00:44:05 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

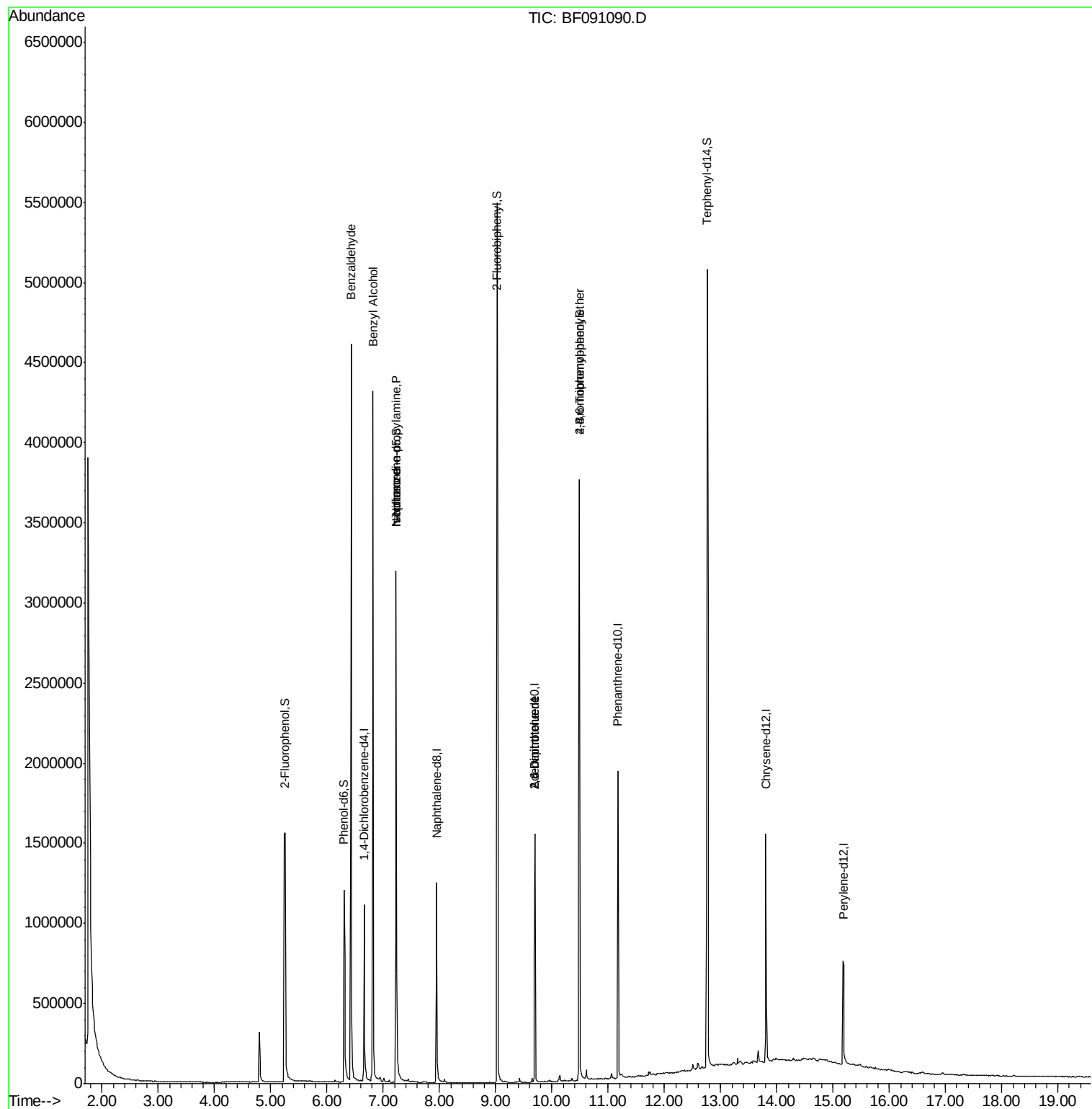
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174440	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	744830	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	385373	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	662060	20.00	ng	0.00
75) Chrysene-d12	13.80	240	483137	20.00	ng	-0.01
86) Perylene-d12	15.19	264	346606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	736459	69.73	ng	0.01
7) Phenol-d6	6.30	99	596949	41.64	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1298483	95.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	505580	145.11	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2044727	91.35	ng	-0.01
78) Terphenyl-d14	12.76	244	2078741	107.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	32198	4.05	ng	Qvalue 87
15) Benzyl Alcohol	6.82	79	23935	2.37	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	183563	18.48	ng	# 79
25) Isophorone	7.23	82	1059186	40.26	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	48498	8.96	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	48731	7.07	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	35571	5.17	ng	# 1

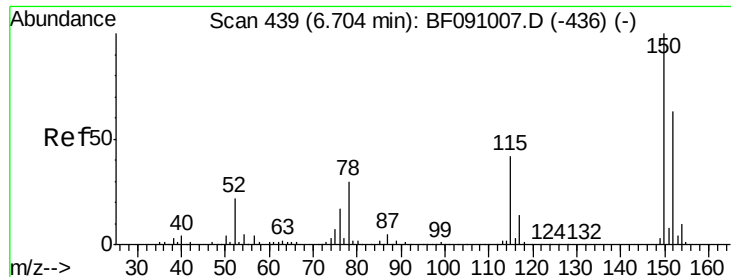
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

MW25

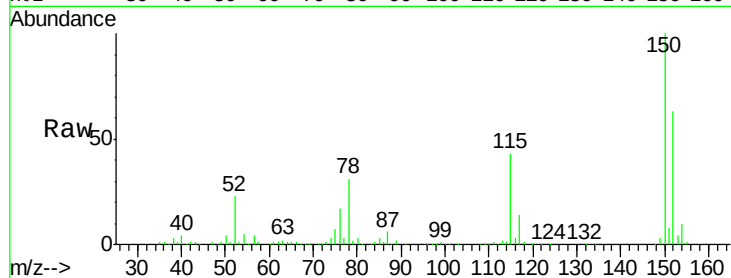
Tgt Ion:152 Resp: 174440

Ion Ratio Lower Upper

152 100

150 158.4 126.8 190.2

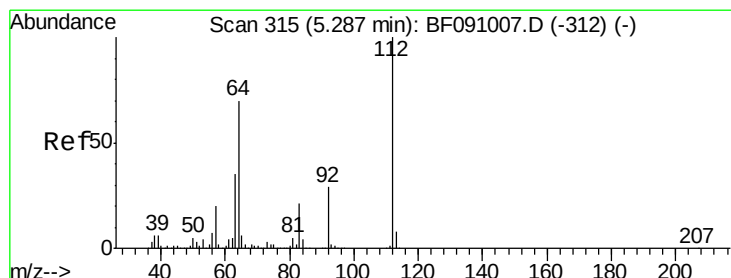
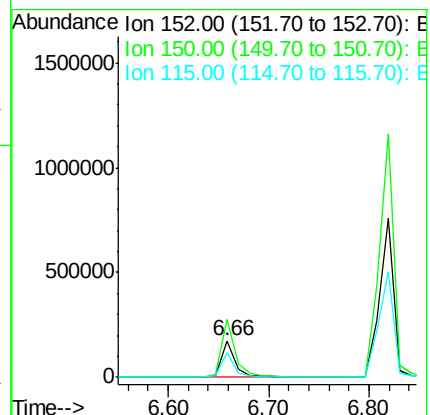
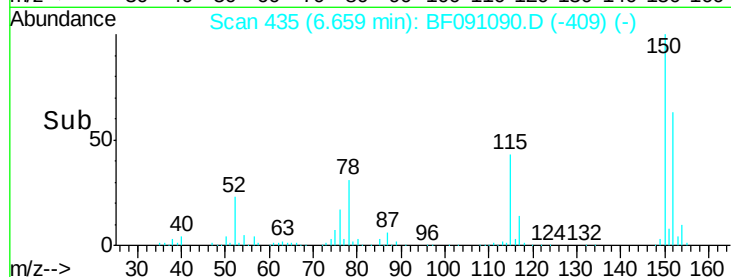
115 67.7 53.3 79.9



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: 69.73 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

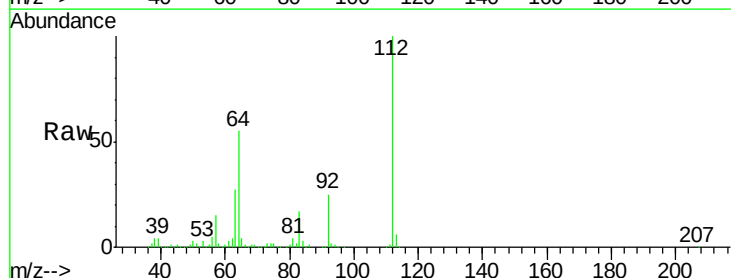
Tgt Ion:112 Resp: 736459

Ion Ratio Lower Upper

112 100

64 54.6 55.8 83.6#

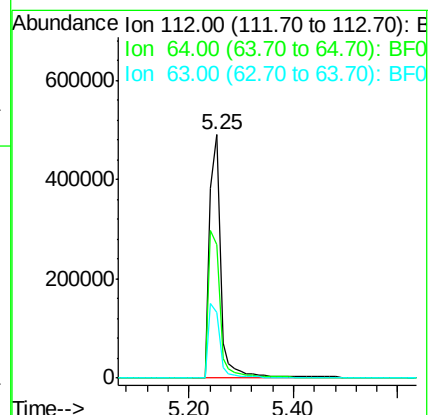
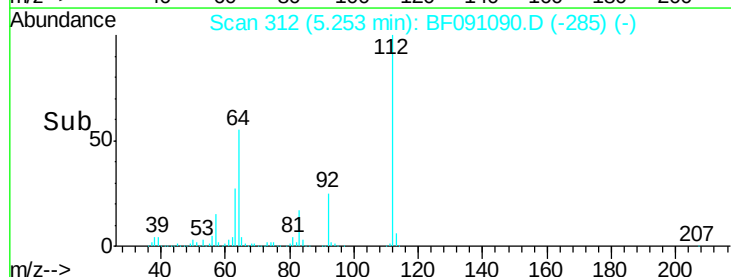
63 27.1 28.0 42.0#

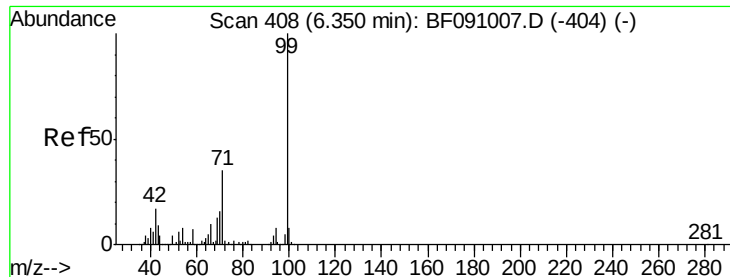


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.64 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

MW25

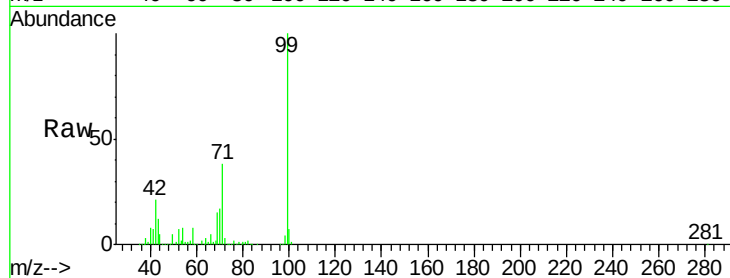
Tgt Ion: 99 Resp: 596949

Ion Ratio Lower Upper

99 100

42 20.7 13.9 20.9

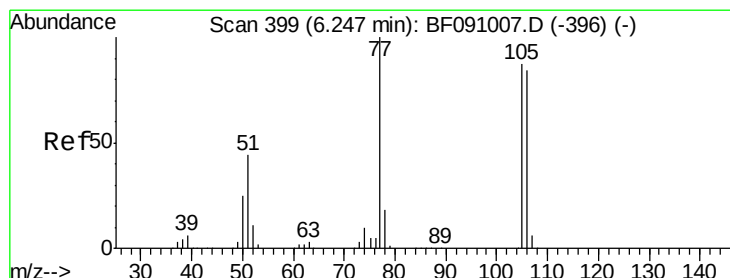
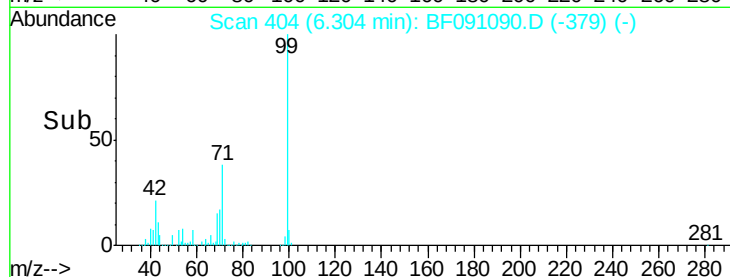
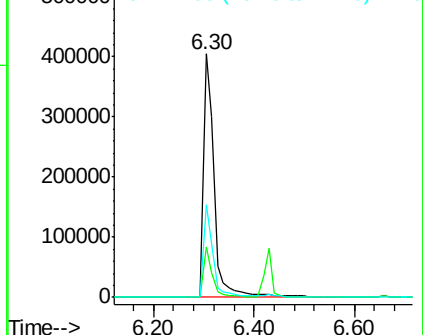
71 38.3 27.8 41.8



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: 4.05 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

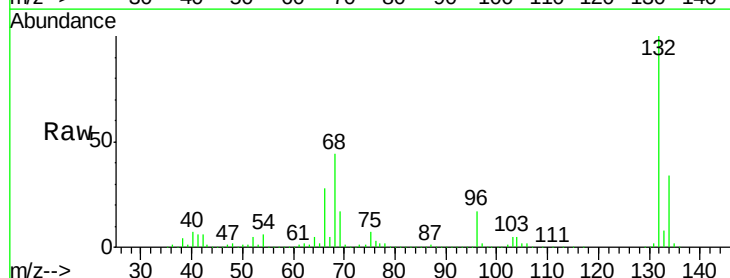
Tgt Ion: 77 Resp: 32198

Ion Ratio Lower Upper

77 100

105 77.3 66.8 106.8

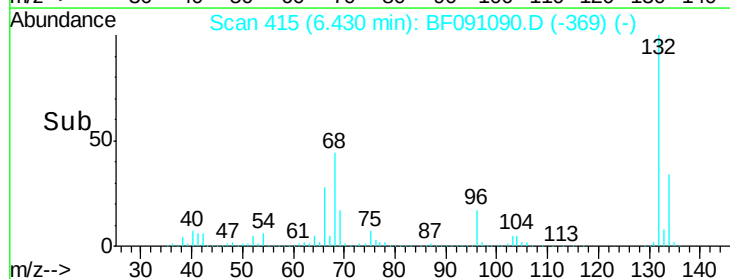
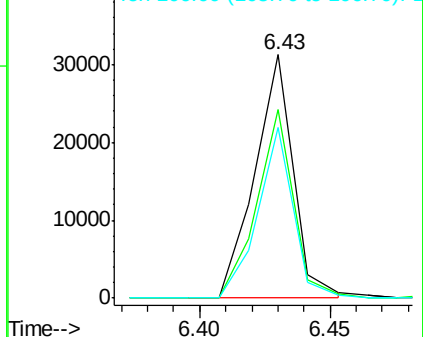
106 70.1 64.0 104.0

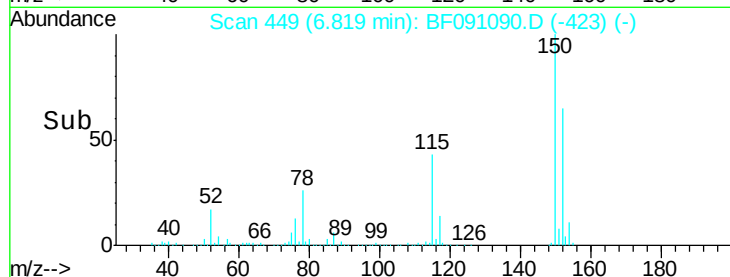
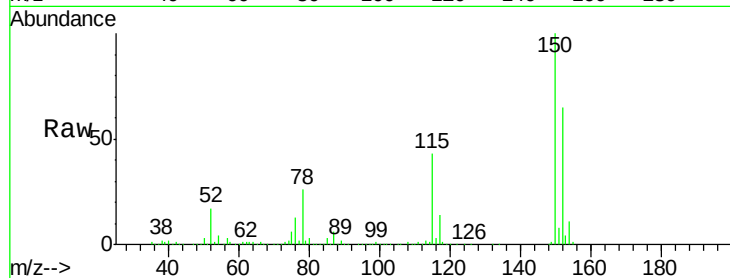
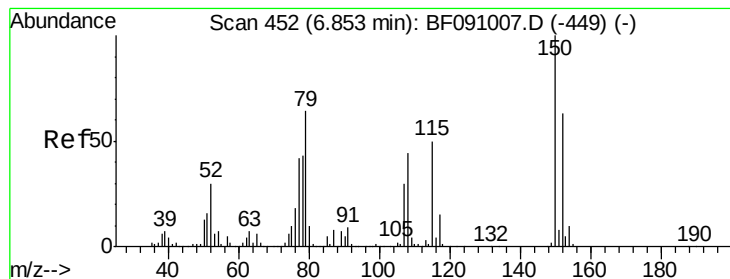


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampled :

MW25

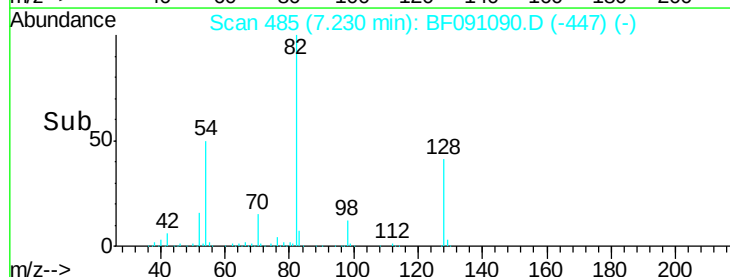
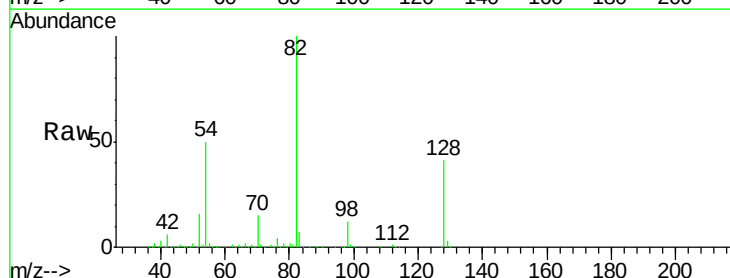
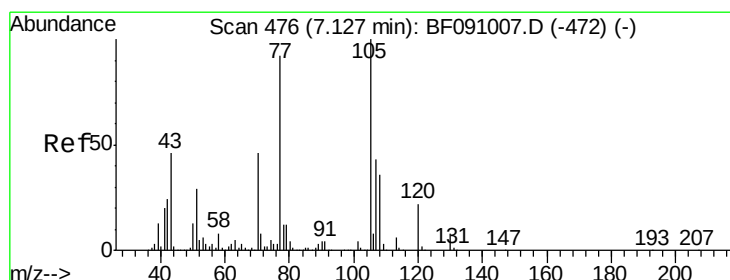
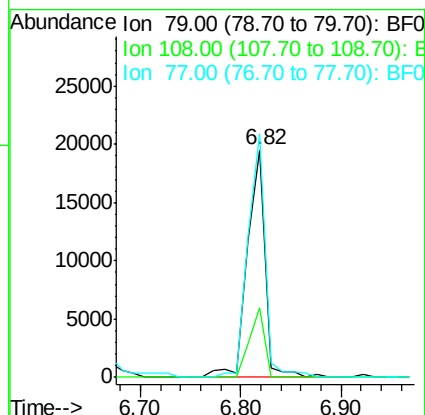
Tgt Ion: 79 Resp: 23935

Ion Ratio Lower Upper

79 100

108 30.3 55.7 83.5#

77 107.0 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.48 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Tgt Ion: 70 Resp: 183563

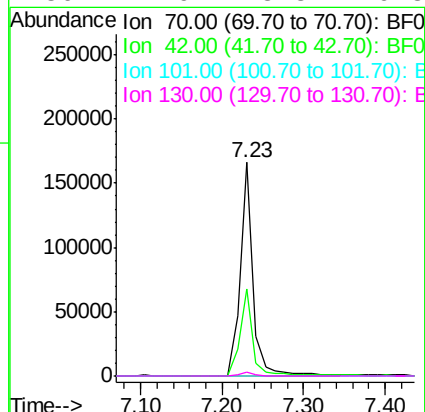
Ion Ratio Lower Upper

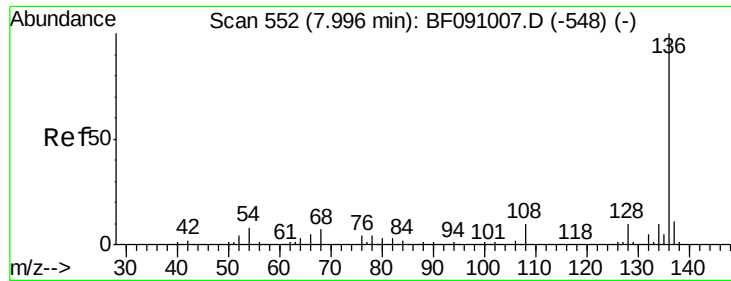
70 100

42 40.7 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#

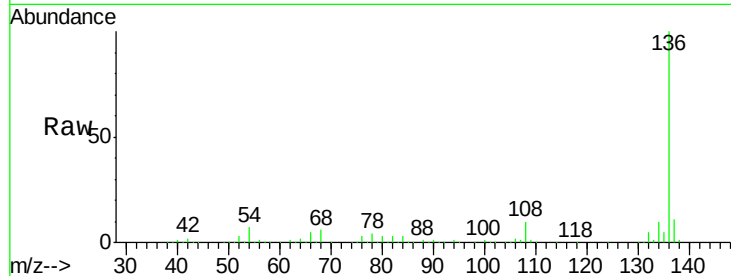




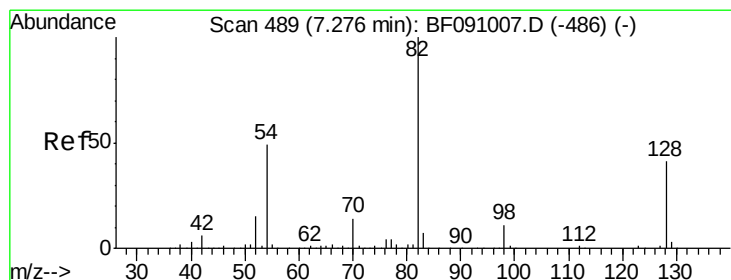
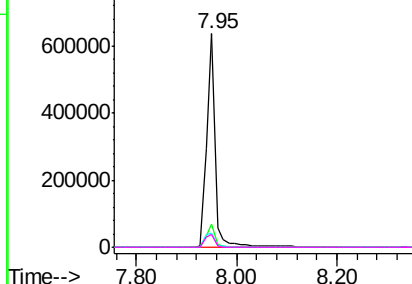
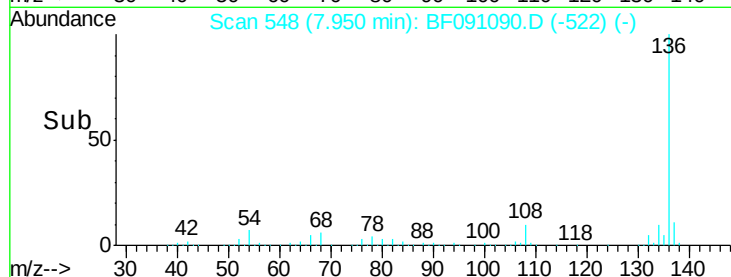
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion:	136	Resp:	744830
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.2	9.2
68	5.9	5.5	8.3

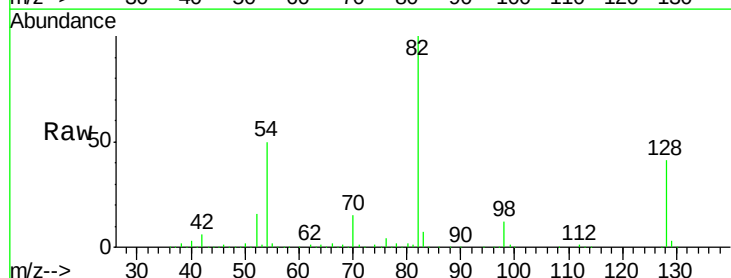


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

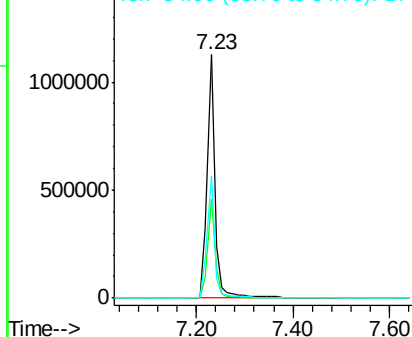
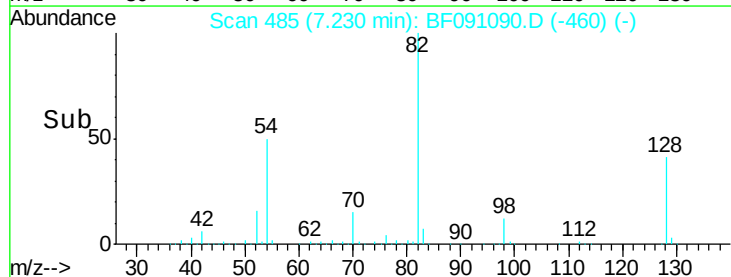


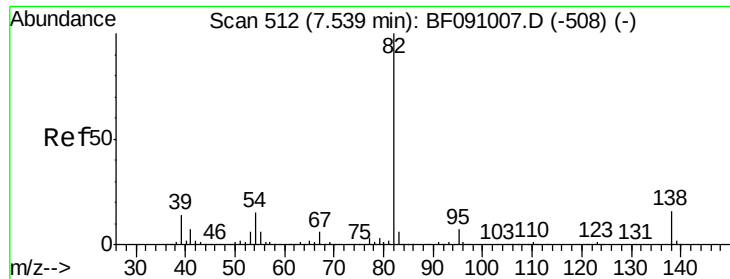
#23
Nitrobenzene-d5
Concen: 95.10 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Tgt Ion:	82	Resp:	1298483
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	50.3	39.2	58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.26 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

MW25

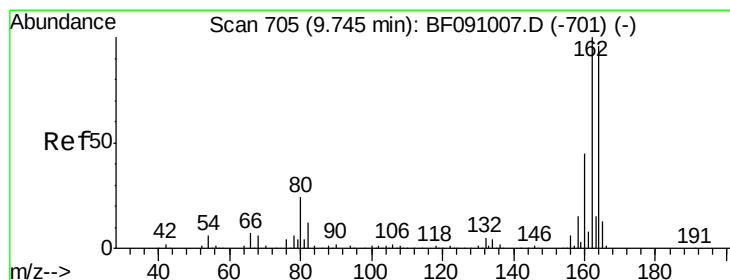
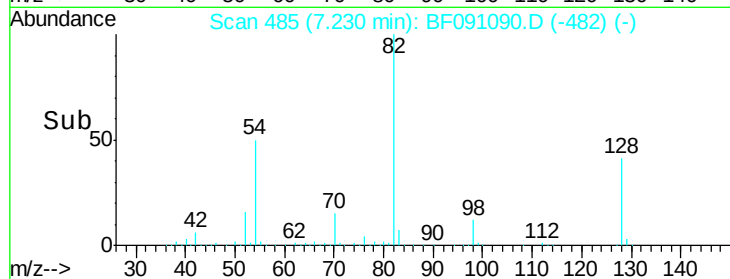
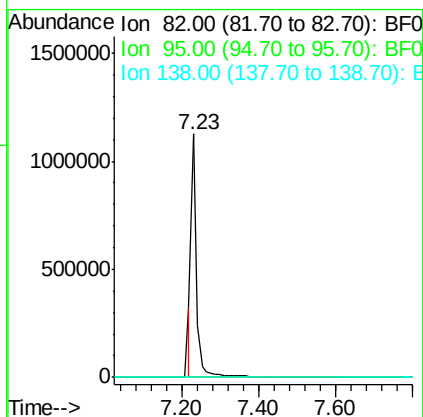
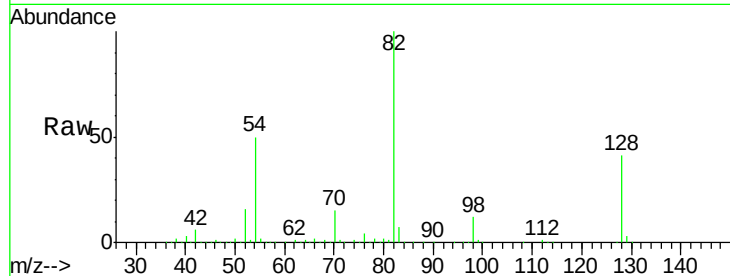
Tgt Ion: 82 Resp: 1059186

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.0 19.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

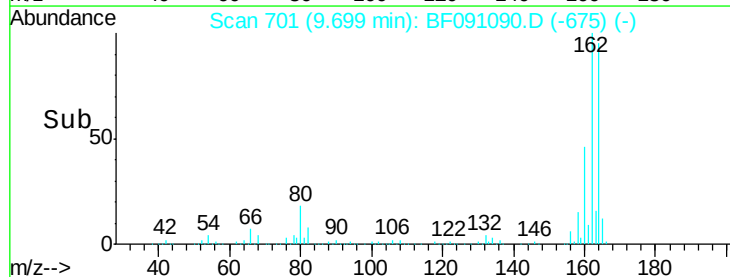
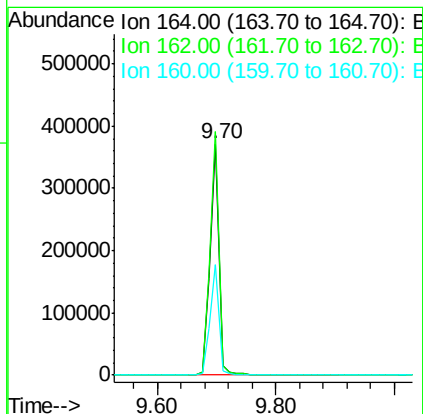
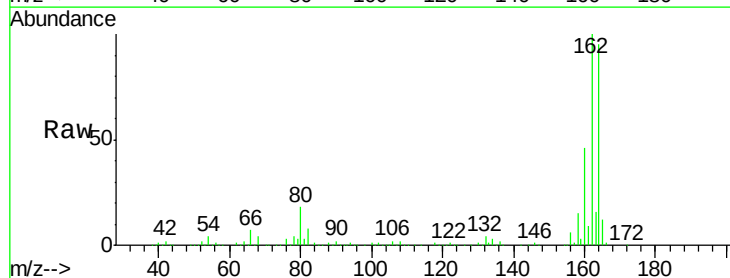
Tgt Ion:164 Resp: 385373

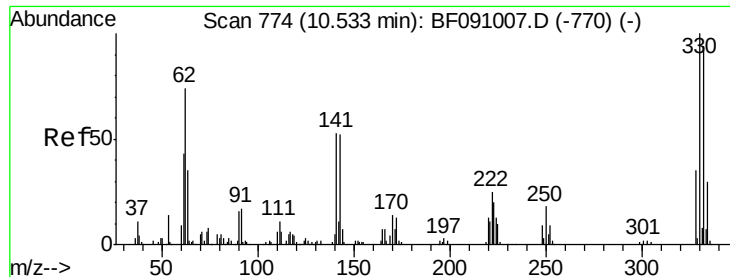
Ion Ratio Lower Upper

164 100

162 105.5 83.6 125.4

160 48.1 37.9 56.9

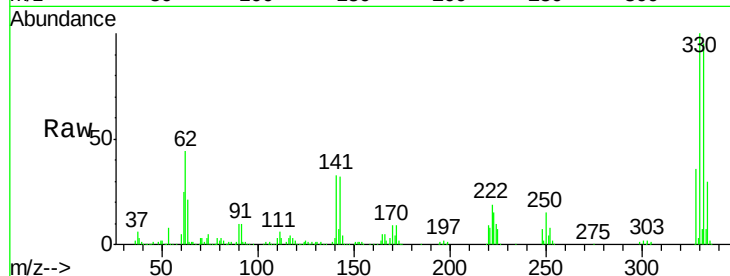




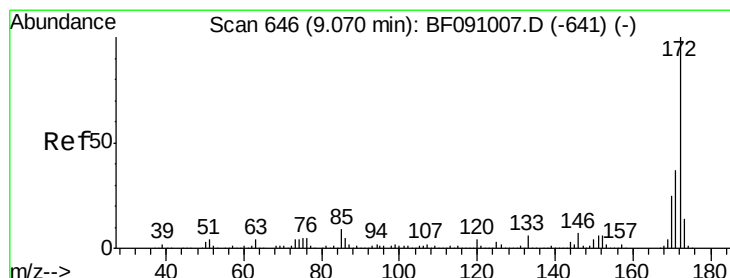
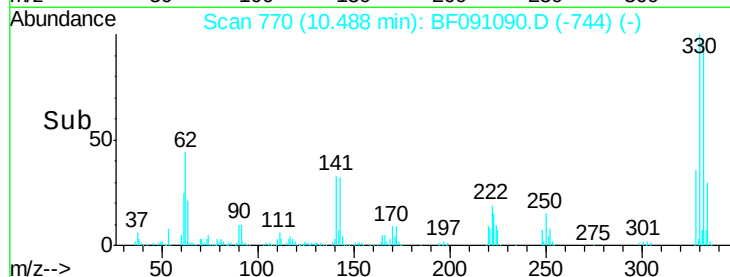
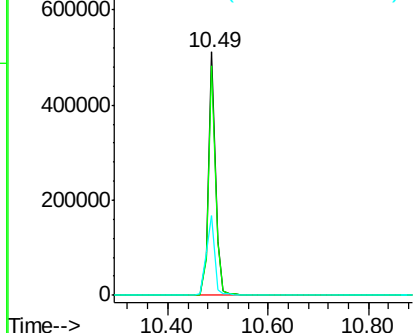
#41
 2,4,6-Tribromophenol
 Concen: 145.11 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW25

Tgt Ion:330 Resp: 505580
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.9 113.9
 141 39.2 36.1 54.1

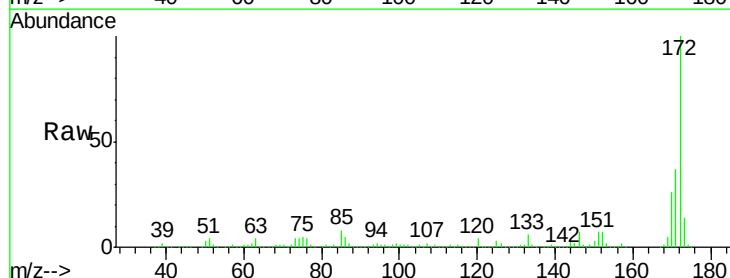


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

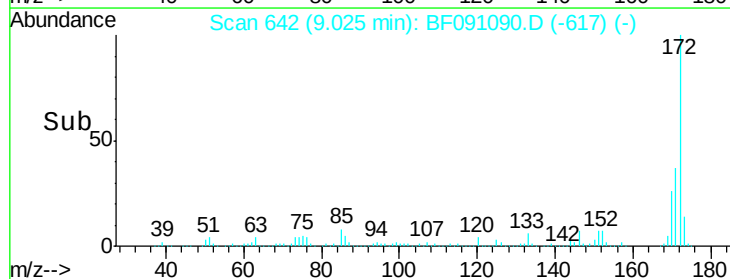
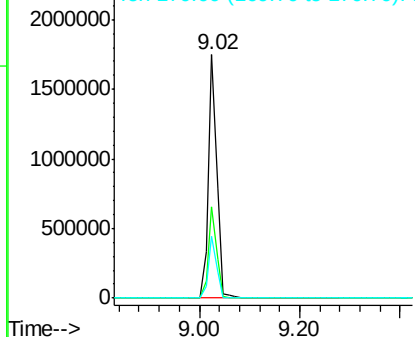


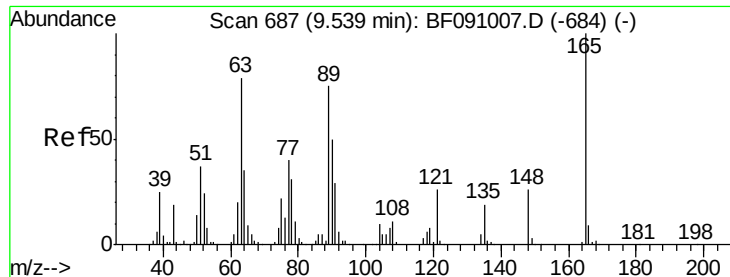
#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Tgt Ion:172 Resp: 2044727
 Ion Ratio Lower Upper
 172 100
 171 37.3 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

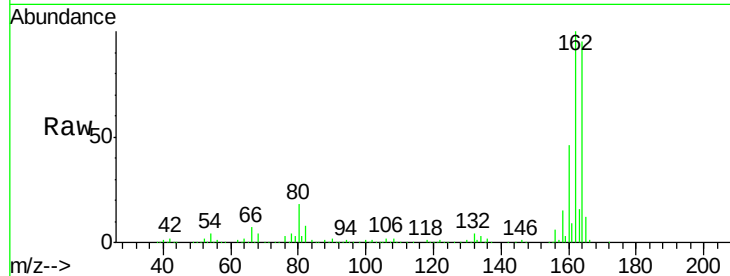




#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.19 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW25

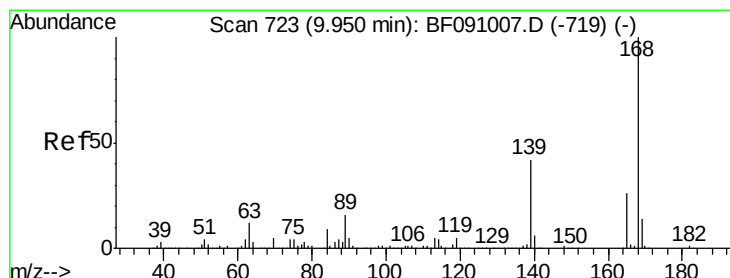
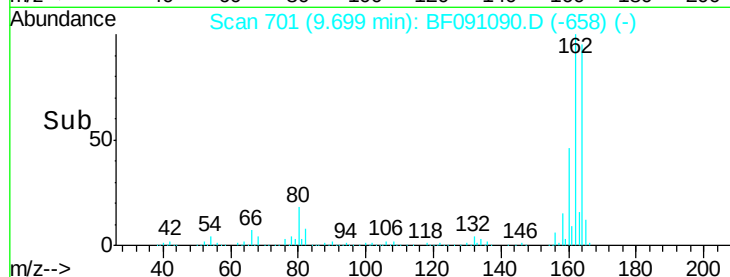
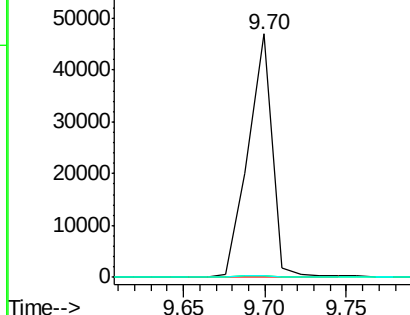
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	65.6	98.4#
89	0.9	59.8	89.6#



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: 7.07 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.21 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

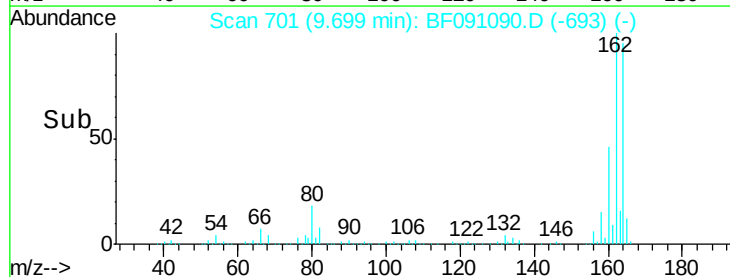
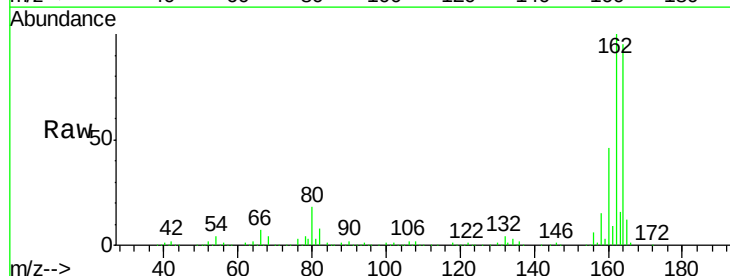
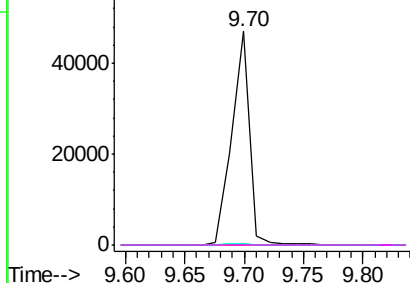
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	0.9	50.6	76.0#
182	0.0	1.8	2.8#

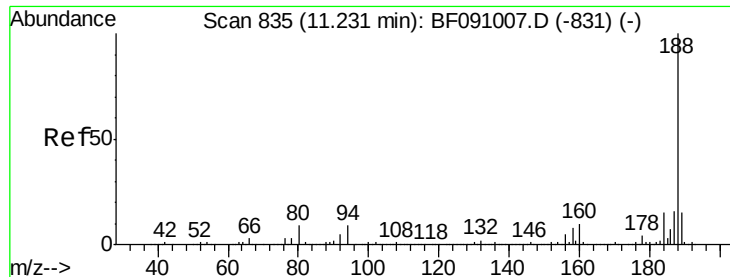
Abundance Ion 165.00 (164.70 to 165.70): E

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

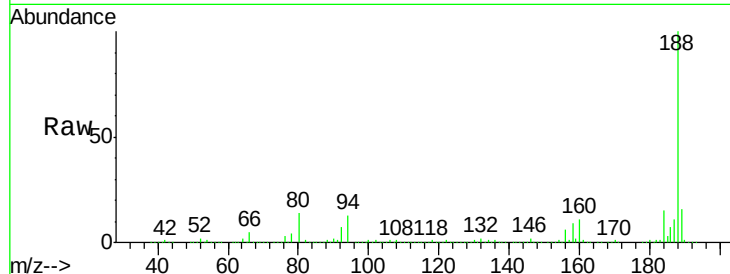




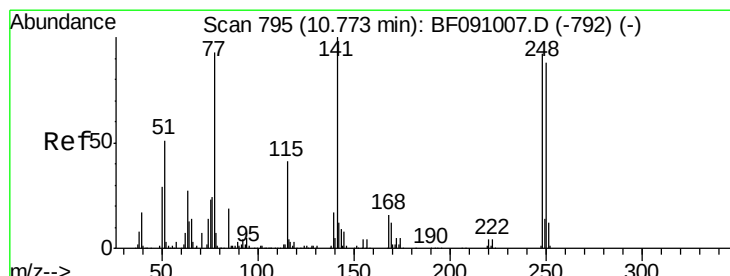
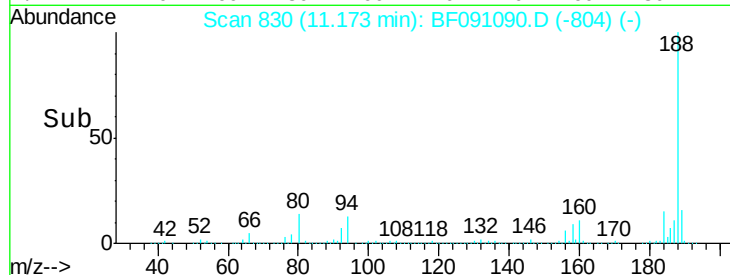
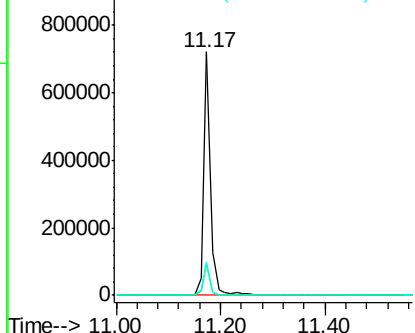
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 MW25

Tgt Ion:188 Resp: 662060
 Ion Ratio Lower Upper
 188 100
 94 12.6 7.0 10.4#
 80 14.1 7.5 11.3#

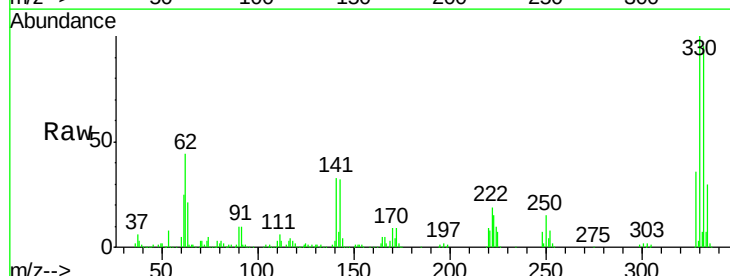


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

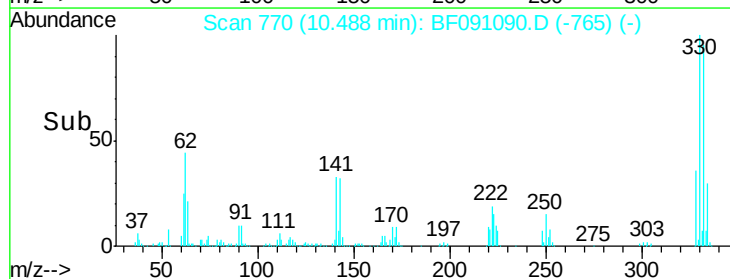
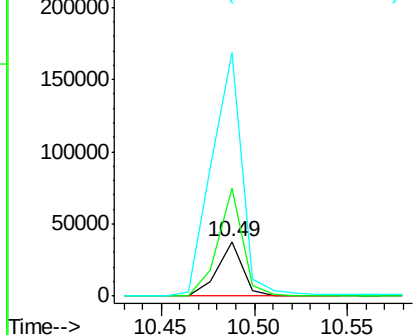


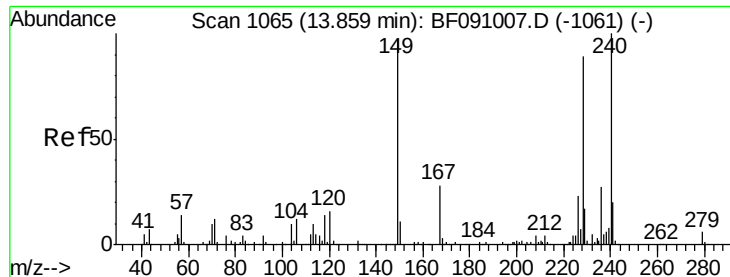
#66
 4-Bromophenyl-phenylether
 Concen: 5.17 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.24 min
 Lab File: BF091090.D
 Acq: 8 Nov 2016 19:01

Tgt Ion:248 Resp: 35571
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.3 114.5#
 141 449.1 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: BF091090.D

Acq: 8 Nov 2016 19:01

Instrument :

BNA_F

ClientSampleId :

MW25

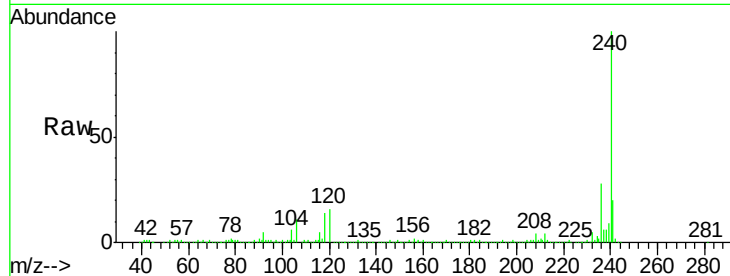
Tgt Ion:240 Resp: 483137

Ion Ratio Lower Upper

240 100

120 16.3 12.9 19.3

236 27.8 21.9 32.9

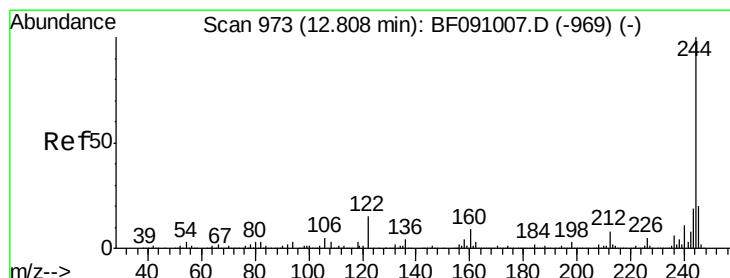
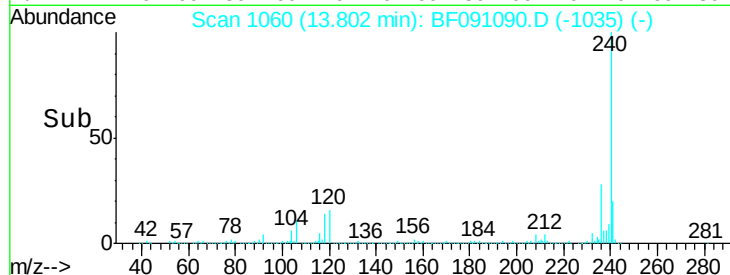
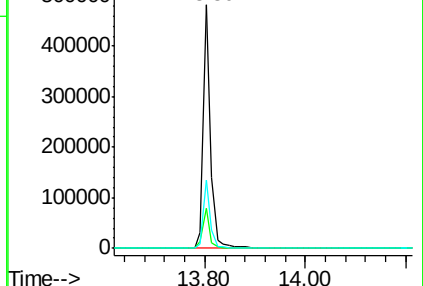


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.80



#78

Terphenyl-d14

Concen: 107.37 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091090.D

Acq: 8 Nov 2016 19:01

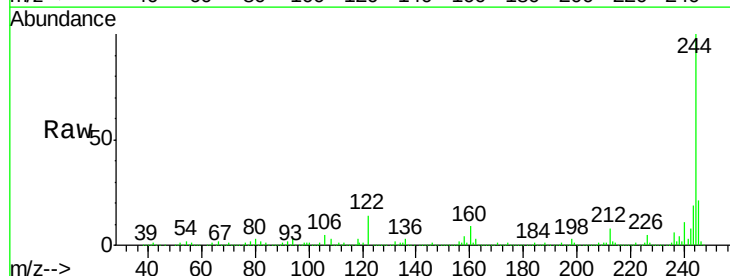
Tgt Ion:244 Resp: 2078741

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 14.2 12.3 18.5

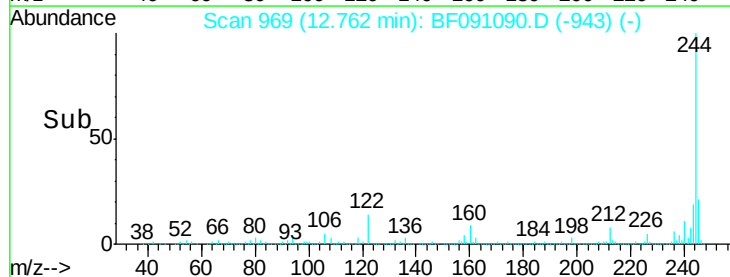
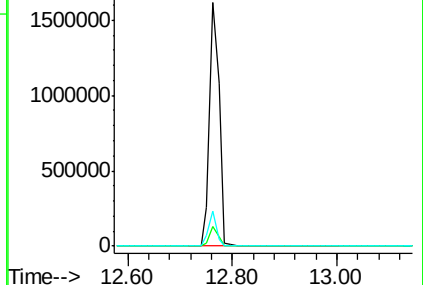


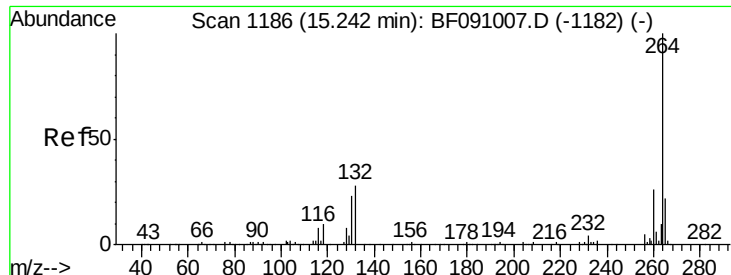
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.76





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF091090.D
Acq: 8 Nov 2016 19:01

Instrument :
BNA_F
ClientSampleId :
MW25

Tgt Ion: 264 Resp: 346606
Ion Ratio Lower Upper
264 100
260 25.0 20.6 30.8
265 21.4 17.8 26.8

