

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091086.D
 Acq On : 8 Nov 2016 17:10
 Operator : UM/SJ
 Sample : H5581-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW16

Quant Time: Nov 09 00:43:12 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	176245	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	735861	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	384940	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	639419	20.00	ng	0.00
75) Chrysene-d12	13.80	240	490665	20.00	ng	-0.01
86) Perylene-d12	15.19	264	350691	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	705533	66.11	ng	0.00
7) Phenol-d6	6.30	99	593983	41.01	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1192474	88.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	505330	145.21	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2055003	91.91	ng	-0.01
78) Terphenyl-d14	12.76	244	2111835	107.40	ng	0.00

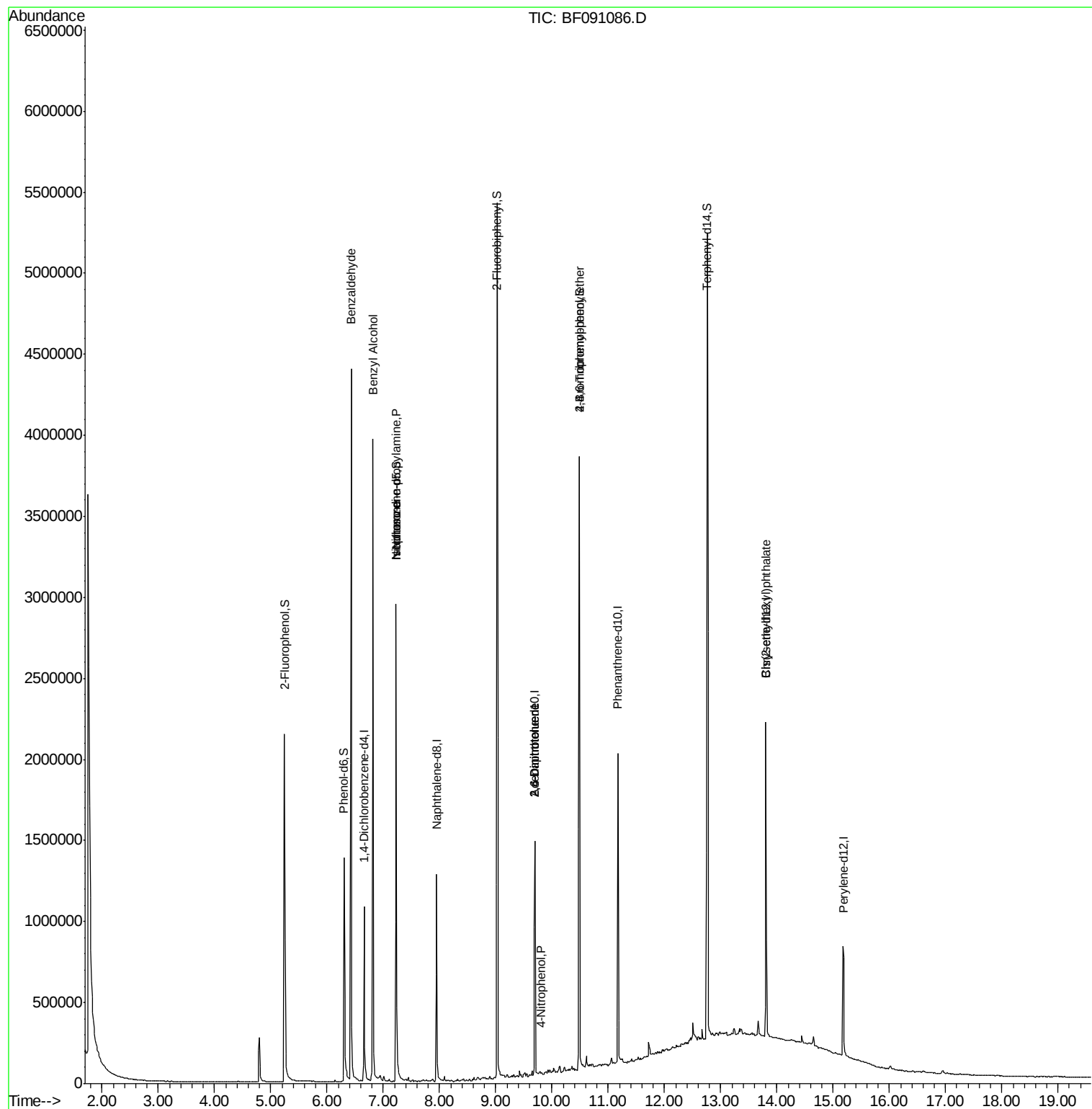
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	32379	4.03	ng	90
15) Benzyl Alcohol	6.82	79	23408	2.29	ng	# 50
19) n-Nitroso-di-n-propylamine	7.23	70	166991	16.64	ng	# 77
25) Isophorone	7.23	82	918813	35.35	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	49334	9.12	ng	# 12
55) 4-Nitrophenol	9.81	139	452	5.83	ng	# 1
56) 2,4-Dinitrotoluene	9.70	165	49334	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	36080	5.42	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.80	149	167911	8.07	ng	99

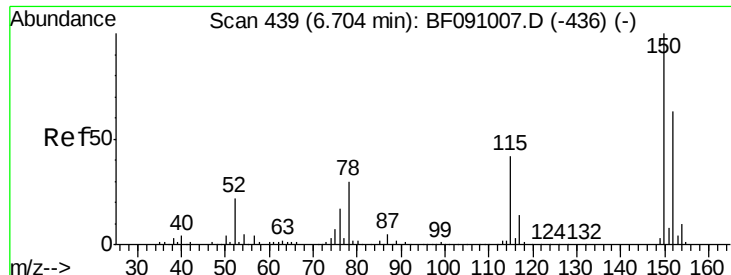
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

Instrument :

BNA_F

ClientSampleId :

MW16

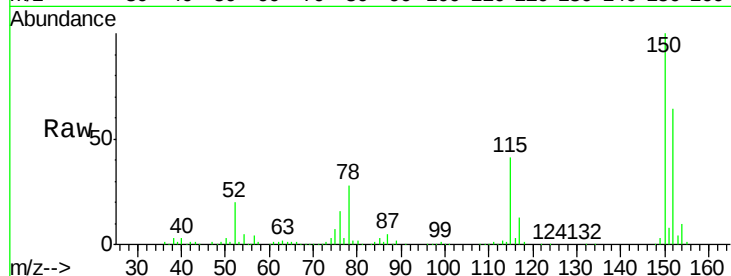
Tgt Ion:152 Resp: 176245

Ion Ratio Lower Upper

152 100

150 157.2 126.8 190.2

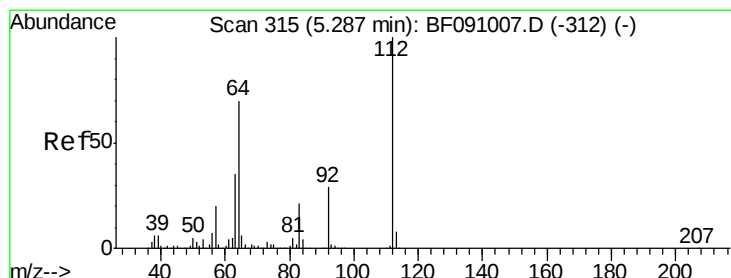
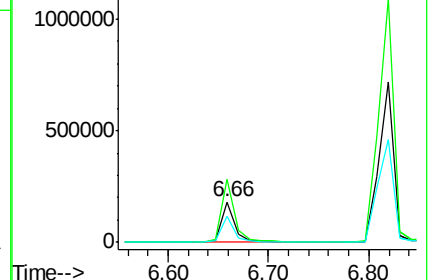
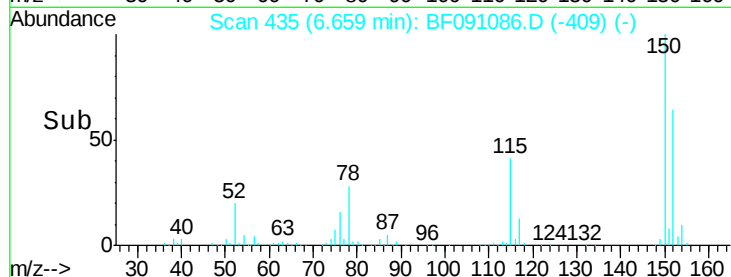
115 64.0 53.3 79.9



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: 66.11 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

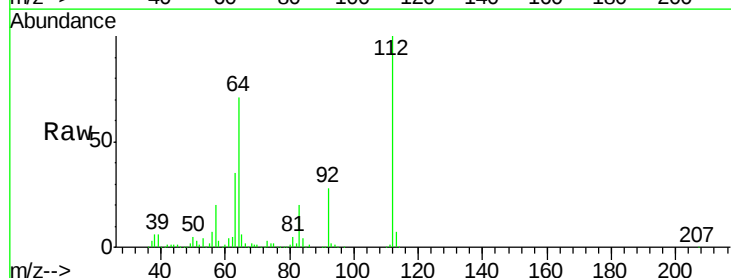
Tgt Ion:112 Resp: 705533

Ion Ratio Lower Upper

112 100

64 70.5 55.8 83.6

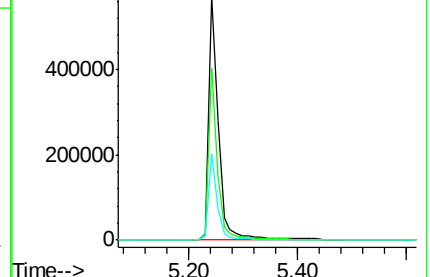
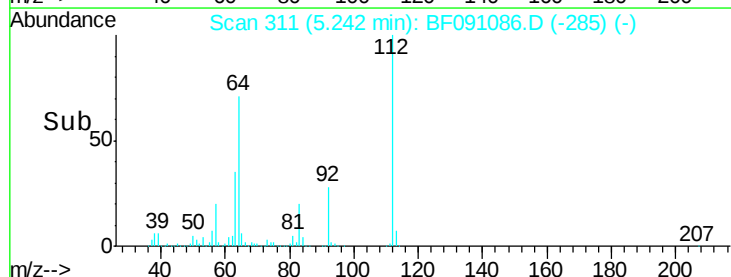
63 35.4 28.0 42.0

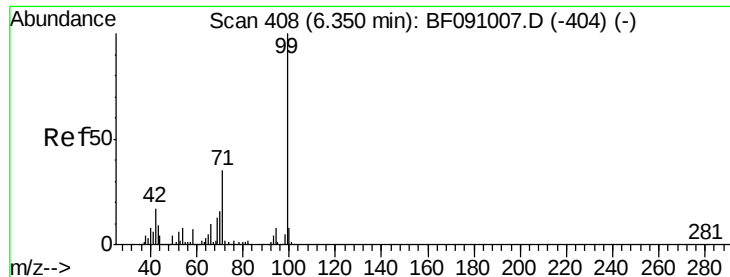


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.01 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

Instrument :

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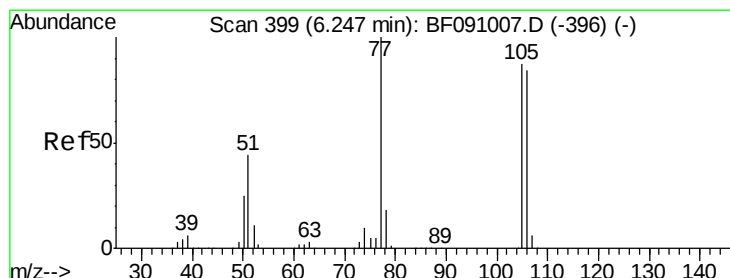
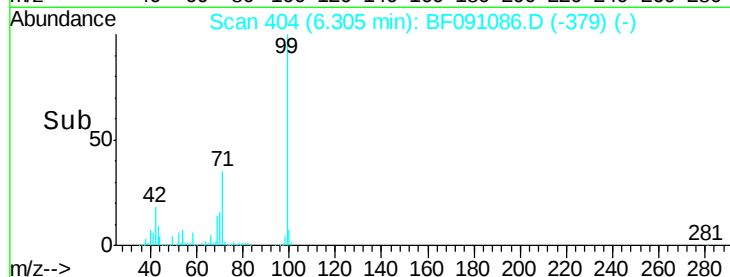
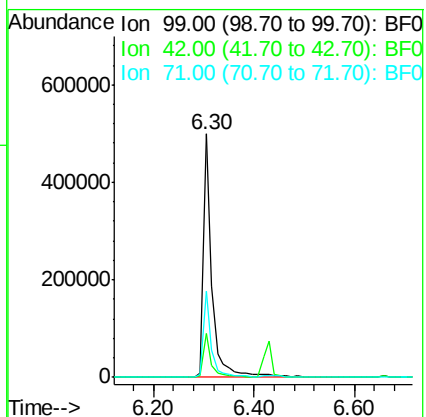
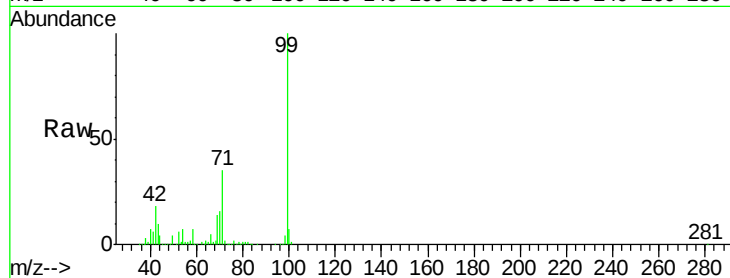
Tgt Ion: 99 Resp: 593983

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

71 35.2 27.8 41.8



#9

Benzaldehyde

Concen: 4.03 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

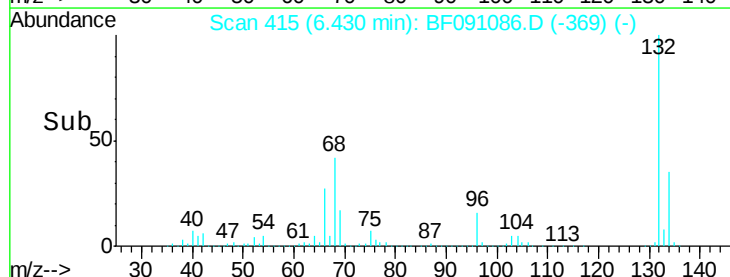
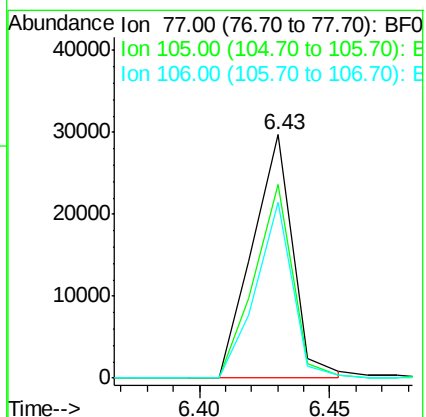
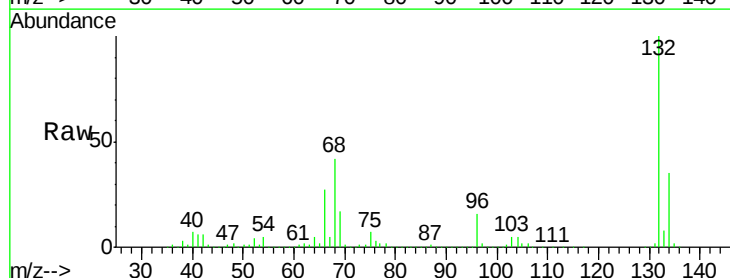
Tgt Ion: 77 Resp: 32379

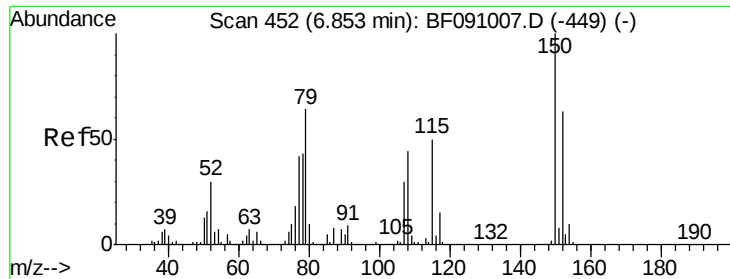
Ion Ratio Lower Upper

77 100

105 79.6 66.8 106.8

106 72.2 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

Instrument :

BNA_F

ClientSampleId :

MW16

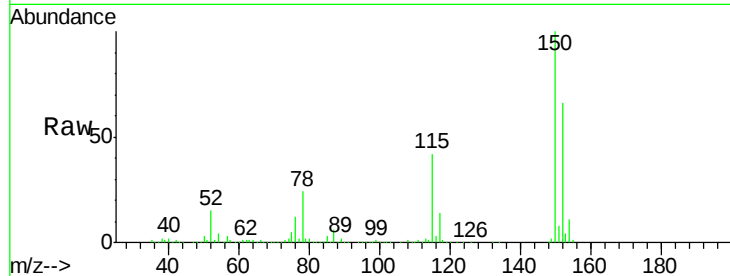
Tgt Ion: 79 Resp: 23408

Ion Ratio Lower Upper

79 100

108 32.2 55.7 83.5#

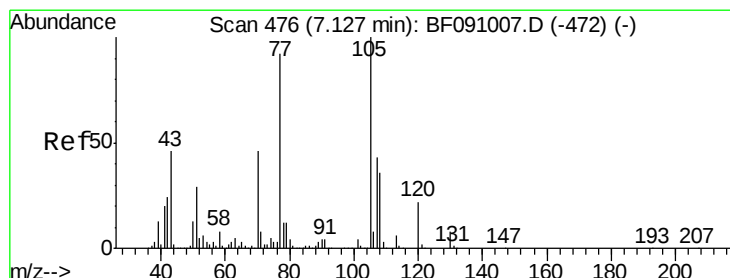
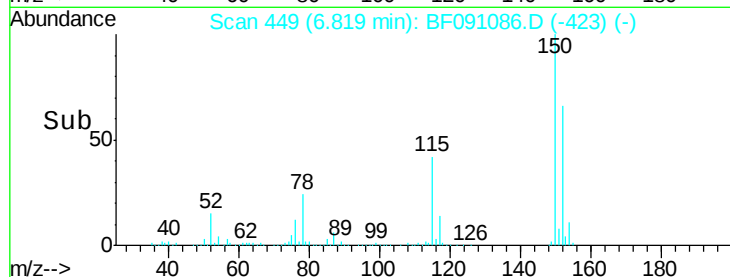
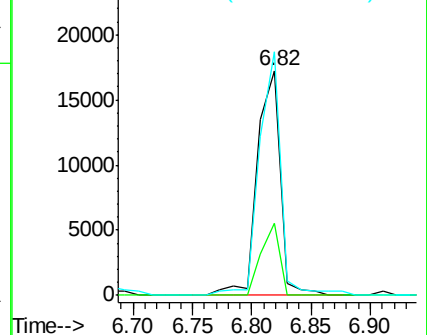
77 108.4 52.6 79.0#



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: 16.64 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

Tgt Ion: 70 Resp: 166991

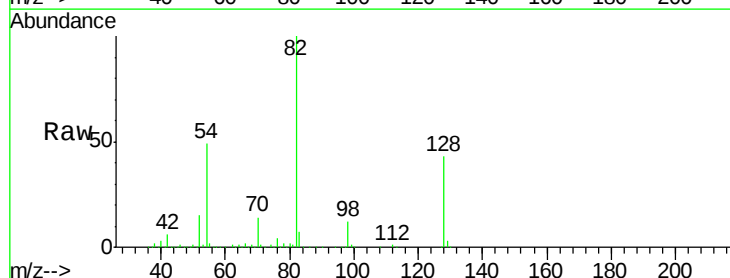
Ion Ratio Lower Upper

70 100

42 39.2 41.7 62.5#

101 0.0 6.7 10.1#

130 2.1 13.8 20.8#

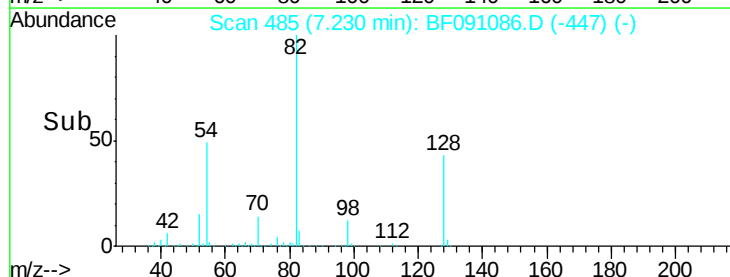
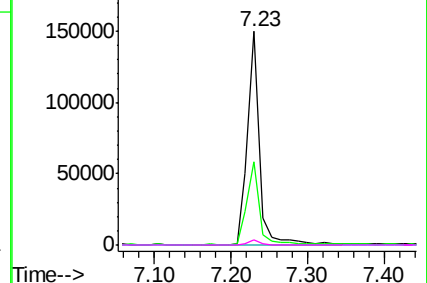


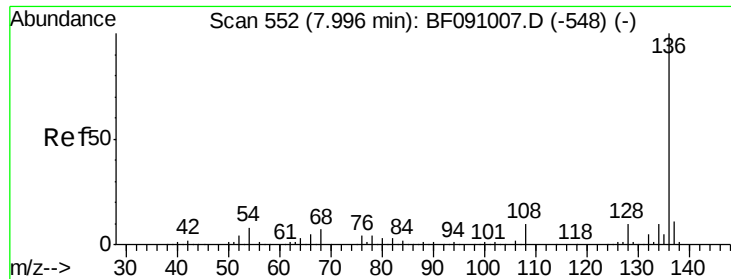
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

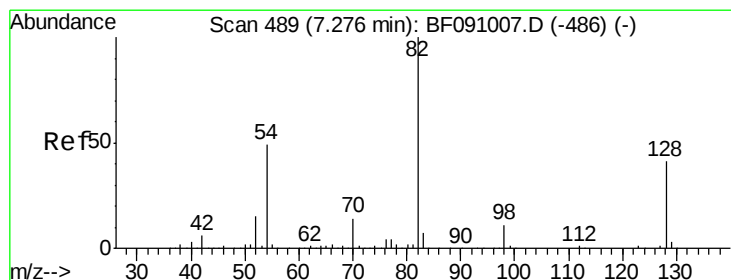
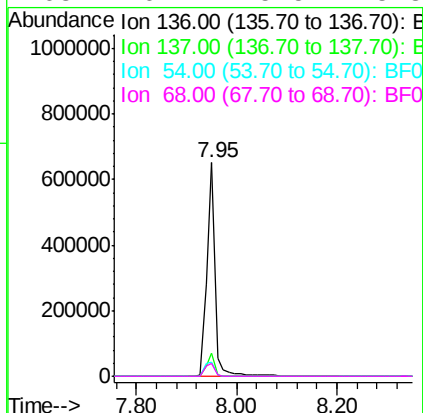
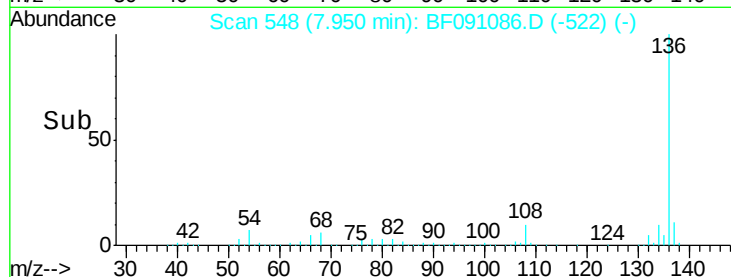
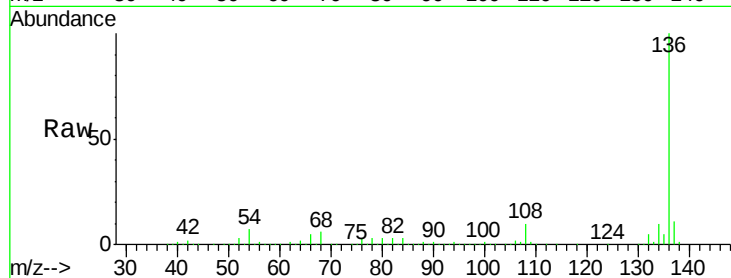




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

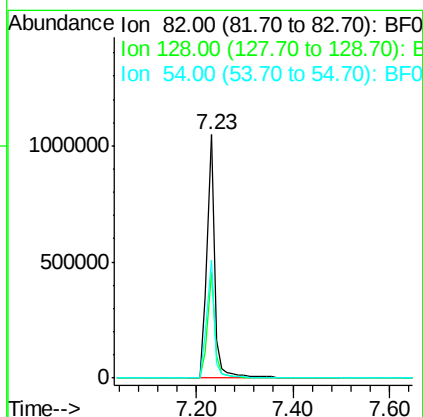
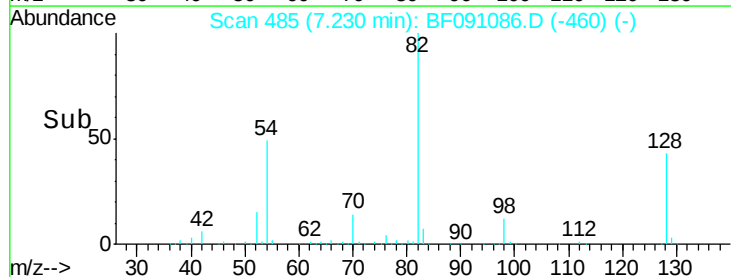
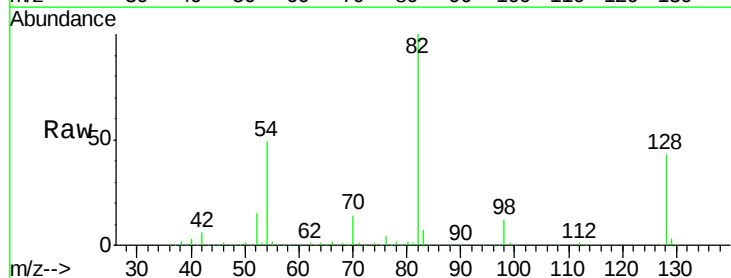
Instrument :
BNA_F
ClientSampled :
MW16

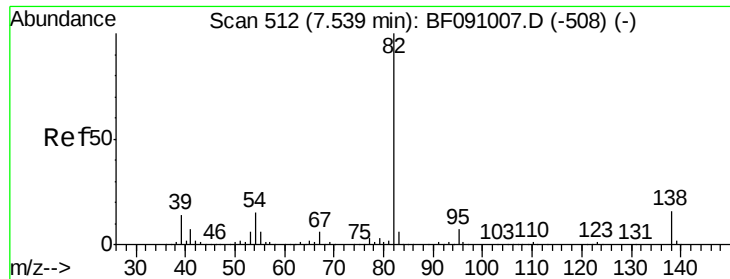
Tgt Ion:	136	Resp:	735861
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.2	9.2
68	6.1	5.5	8.3



#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:	82	Resp:	1192474
Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.4	48.6
54	48.7	39.2	58.8





#25

Isophorone

Concen: 35.35 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

Instrument :

BNA_F

ClientSampled :

MW16

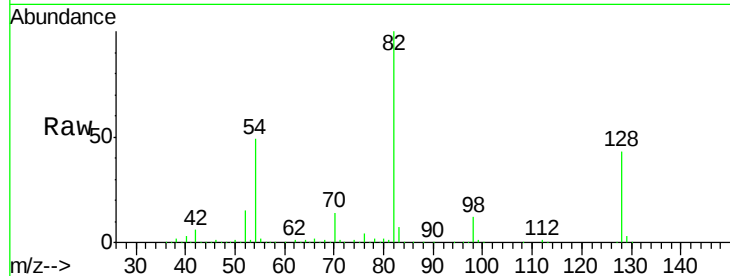
Tgt Ion: 82 Resp: 918813

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

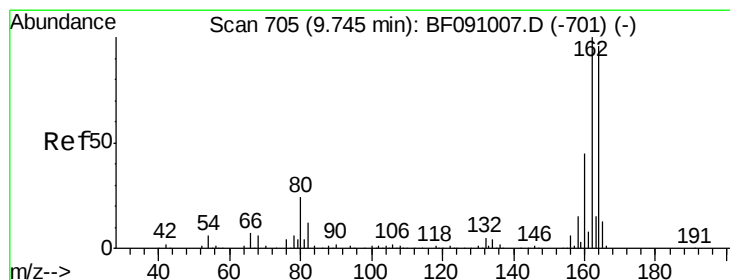
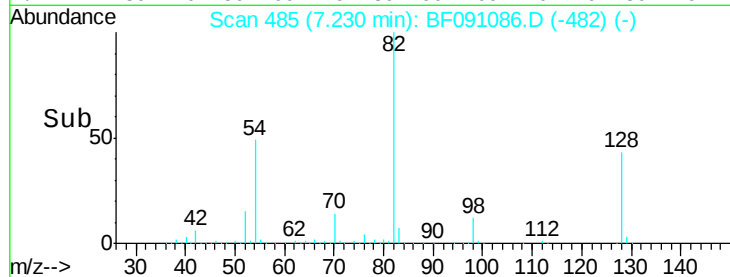
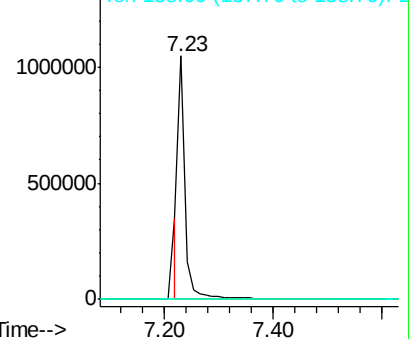
138 0.0 13.0 19.4#



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: BF091086.D

Acq: 8 Nov 2016 17:10

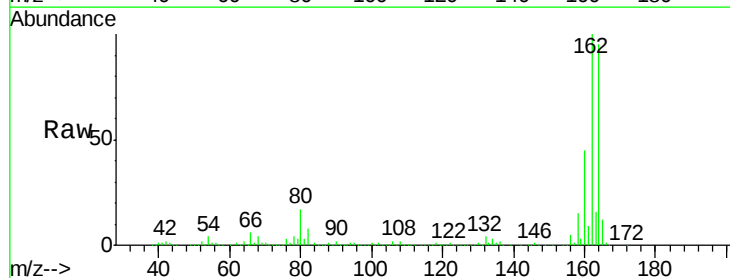
Tgt Ion: 164 Resp: 384940

Ion Ratio Lower Upper

164 100

162 105.6 83.6 125.4

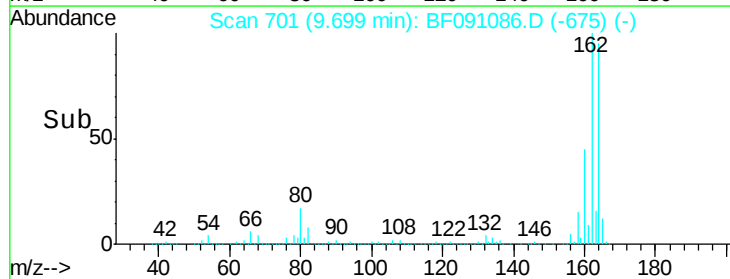
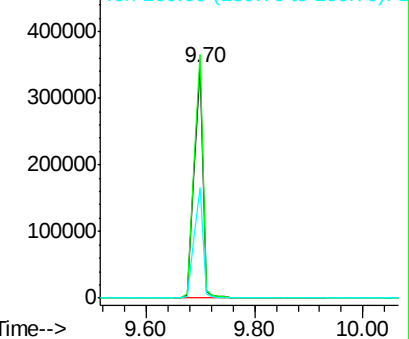
160 47.7 37.9 56.9

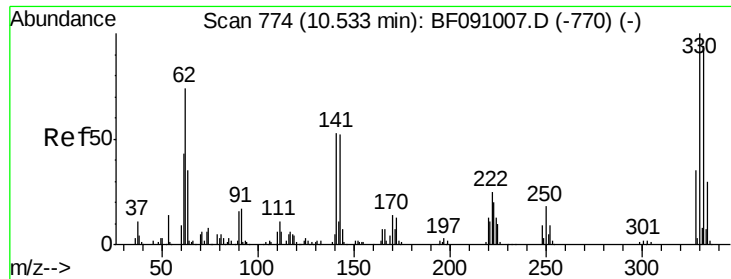


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

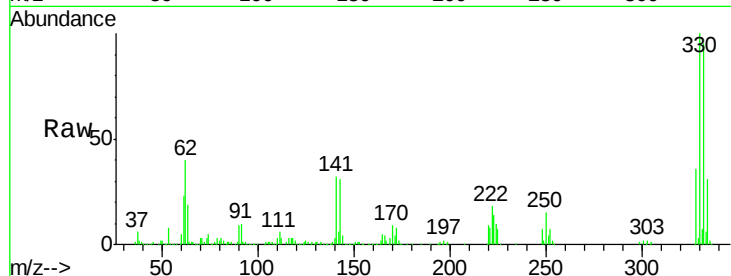




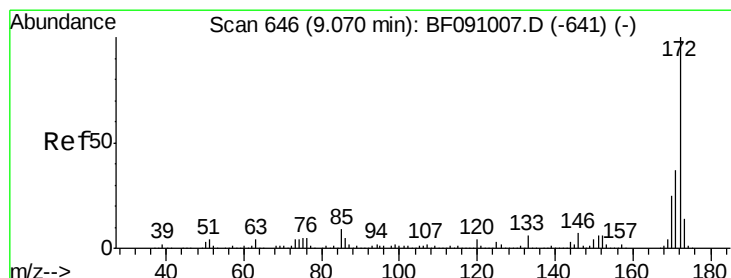
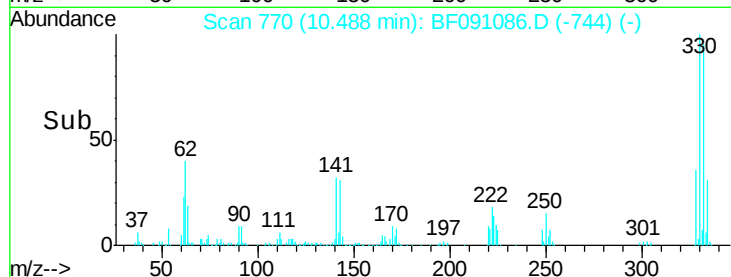
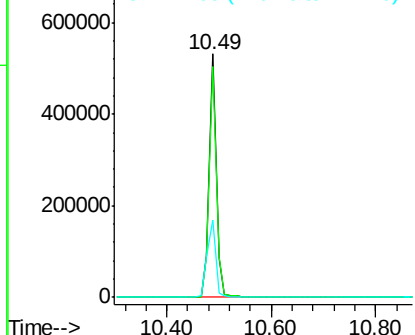
#41
 2,4,6-Tribromophenol
 Concen: 145.21 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091086.D
 Acq: 8 Nov 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 MW16

Tgt Ion:330 Resp: 505330
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 37.8 36.1 54.1

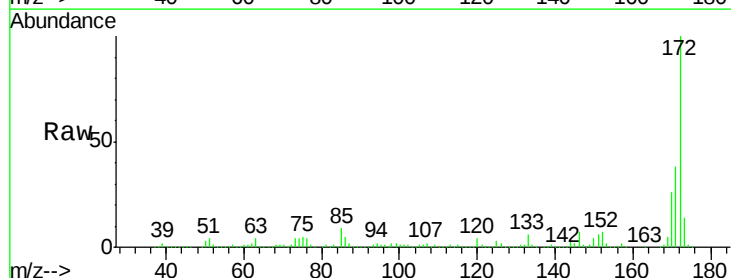


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

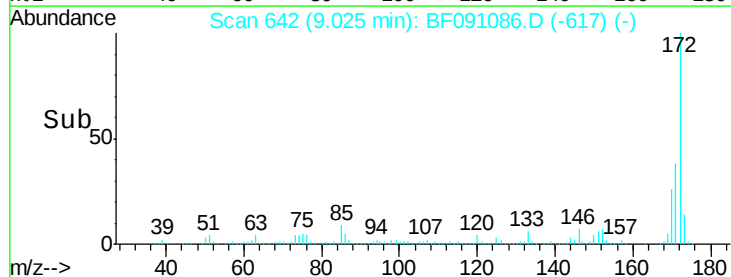
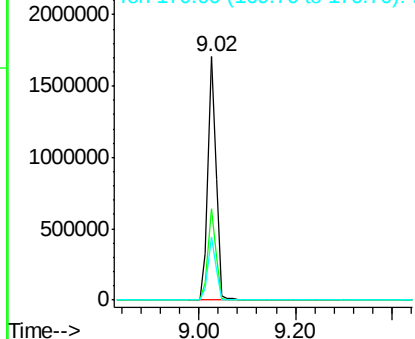


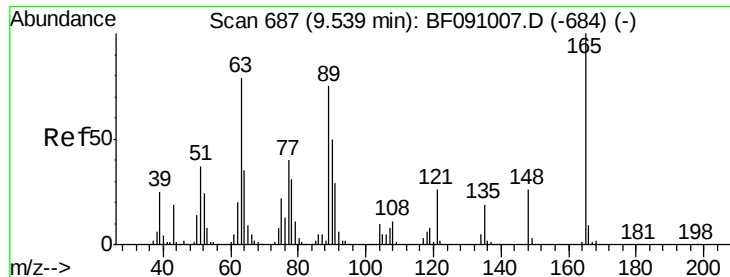
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091086.D
 Acq: 8 Nov 2016 17:10

Tgt Ion:172 Resp: 2055003
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.7 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

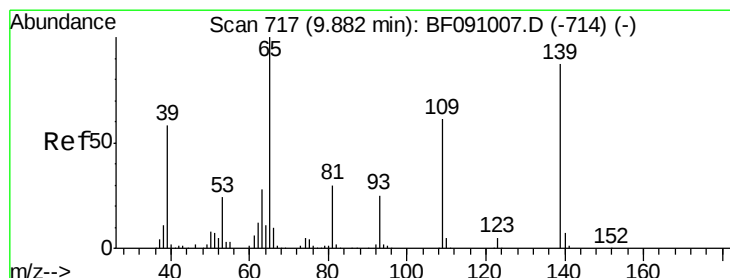
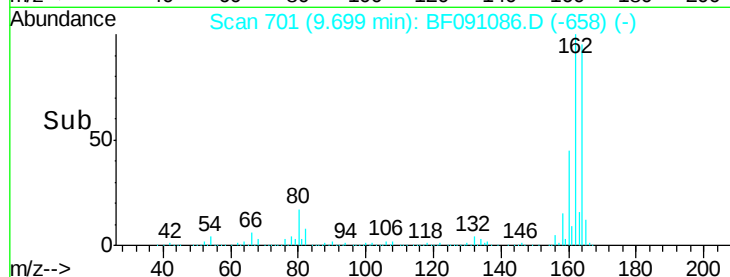
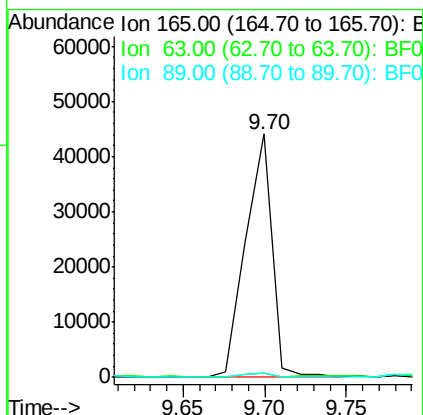
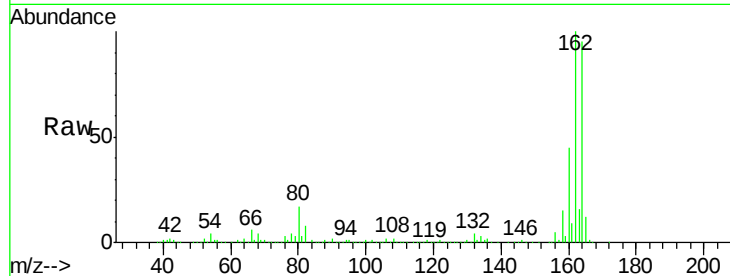




#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.19 min
 Lab File: BF091086.D
 Acq: 8 Nov 2016 17:10

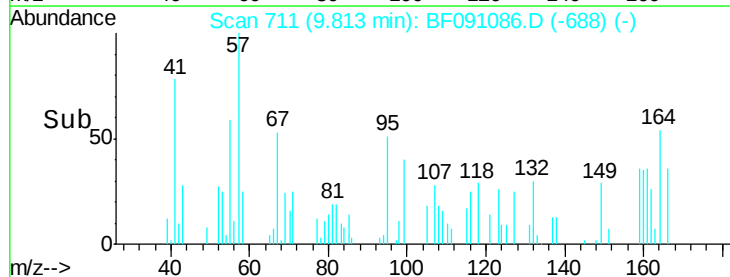
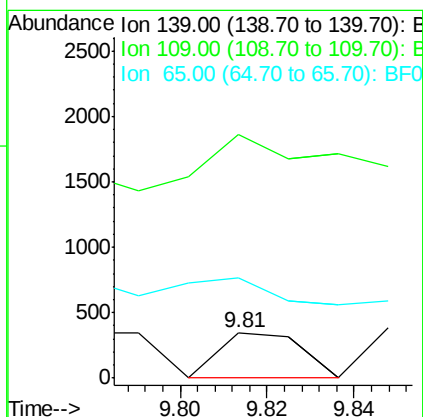
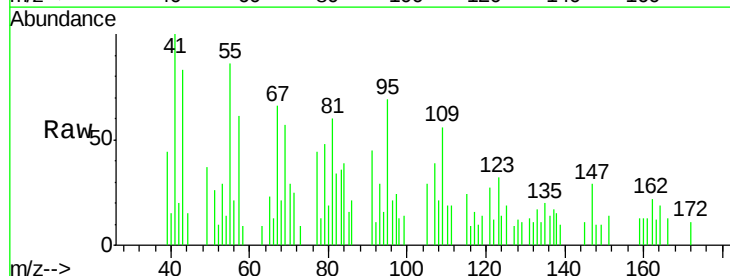
Instrument :
 BNA_F
 ClientSampleId :
 MW16

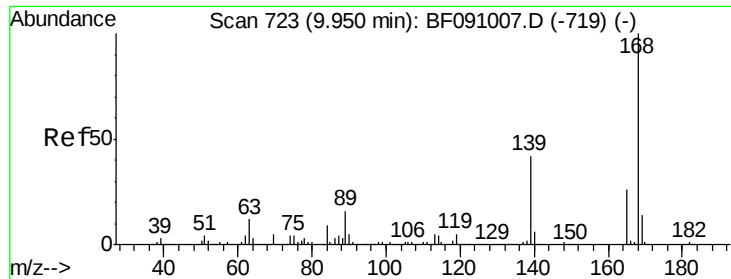
Tgt Ion:165 Resp: 49334
 Ion Ratio Lower Upper
 165 100
 63 1.5 65.6 98.4#
 89 1.6 59.8 89.6#



#55
 4-Nitrophenol
 Concen: 5.83 ng
 RT: 9.81 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF091086.D
 Acq: 8 Nov 2016 17:10

Tgt Ion:139 Resp: 452
 Ion Ratio Lower Upper
 139 100
 109 537.9 50.5 90.5#
 65 221.1 97.1 137.1#

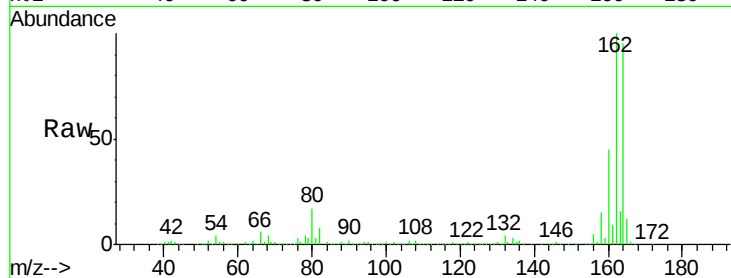




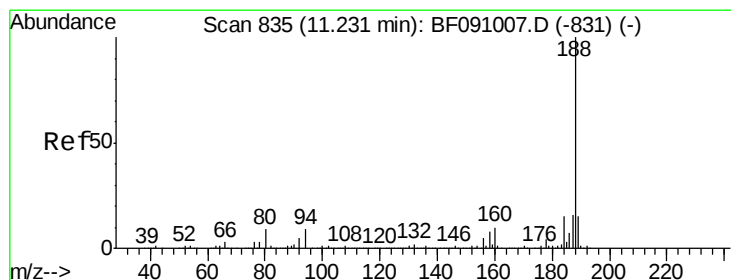
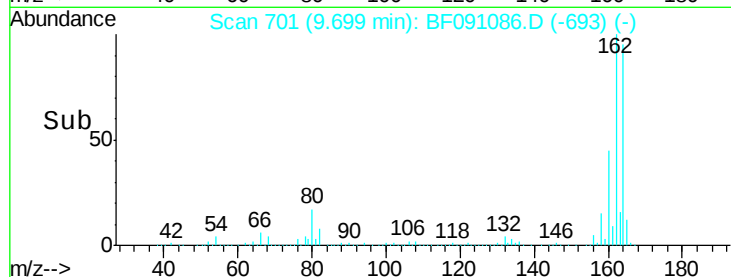
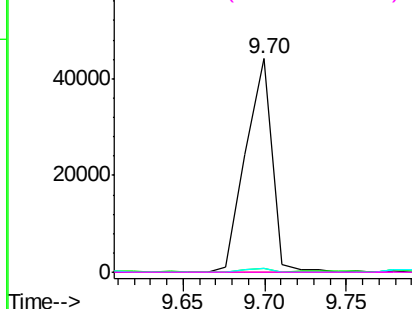
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:165 Resp: 49334
Ion Ratio Lower Upper
165 100
63 1.5 38.7 58.1#
89 1.6 50.6 76.0#
182 0.0 1.8 2.8#

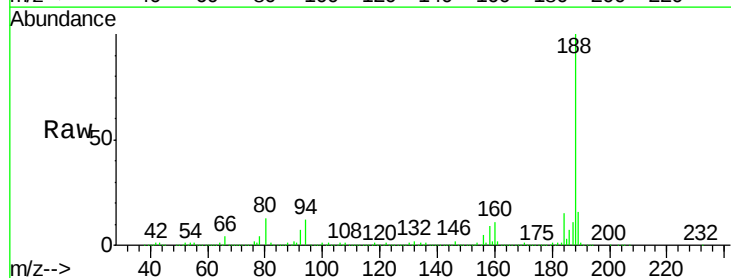


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

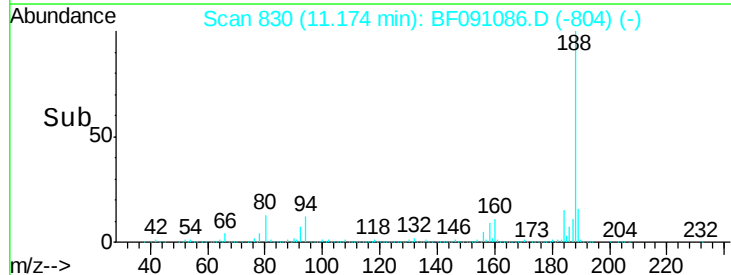
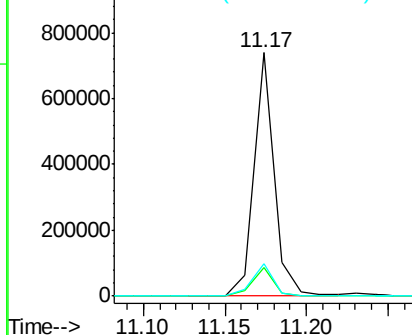


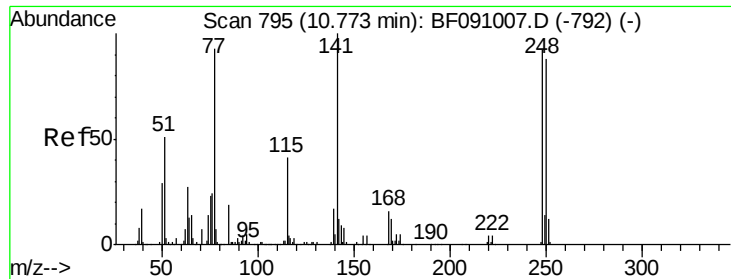
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:188 Resp: 639419
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.4#
80 13.1 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

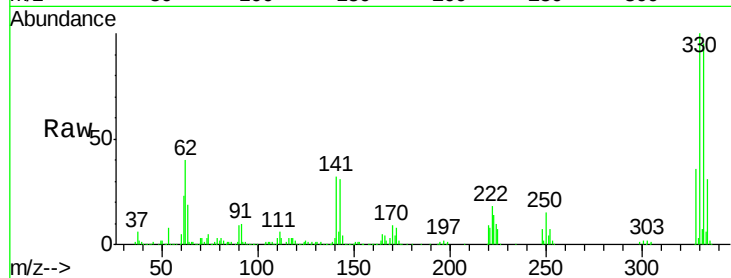




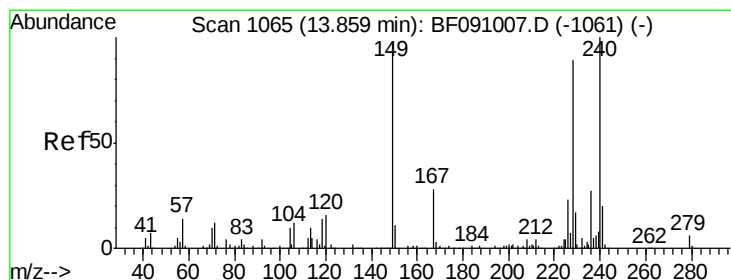
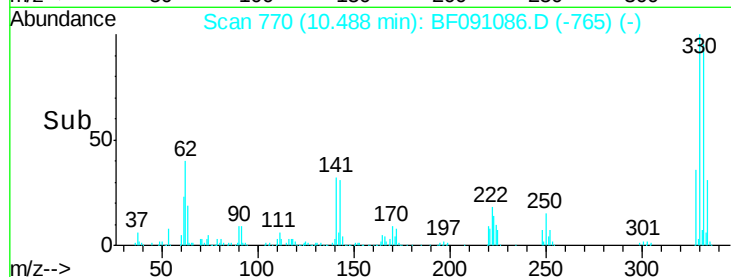
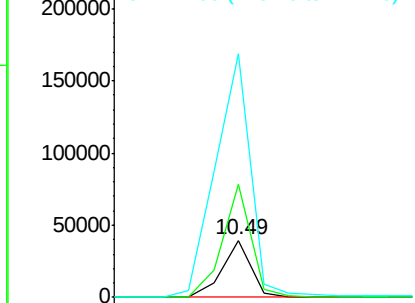
#66
4-Bromophenyl-phenylether
Concen: 5.42 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:248 Resp: 36080
Ion Ratio Lower Upper
248 100
250 198.1 76.3 114.5#
141 425.3 86.8 130.2#

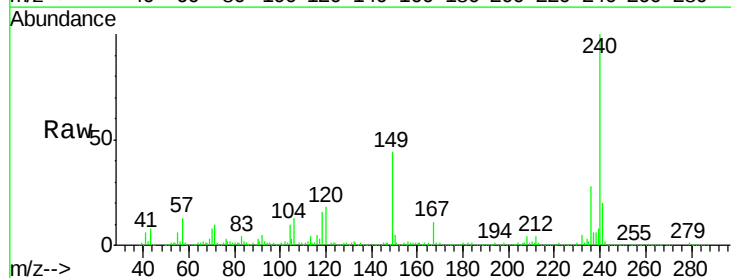


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

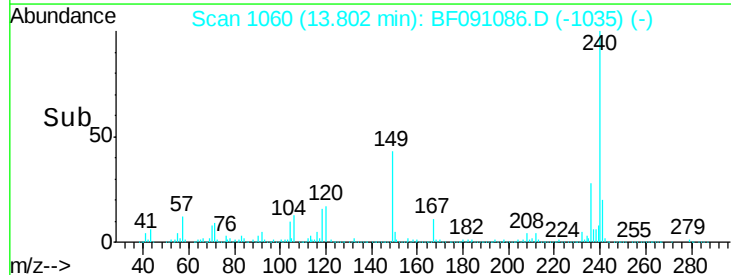
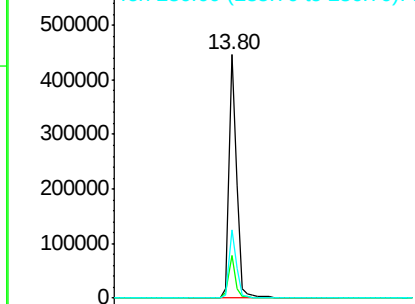


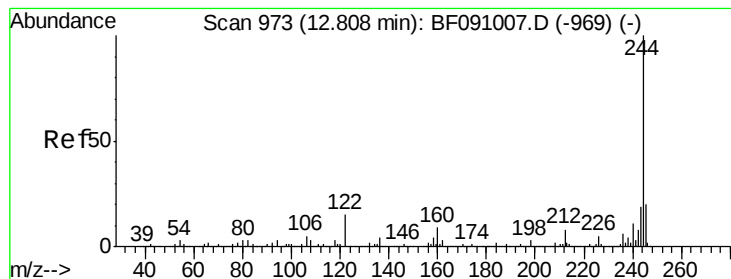
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Tgt Ion:240 Resp: 490665
Ion Ratio Lower Upper
240 100
120 17.6 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





#78

Terphenyl-d14

Concen: 107.40 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

Instrument :

BNA_F

ClientSampleId :

MW16

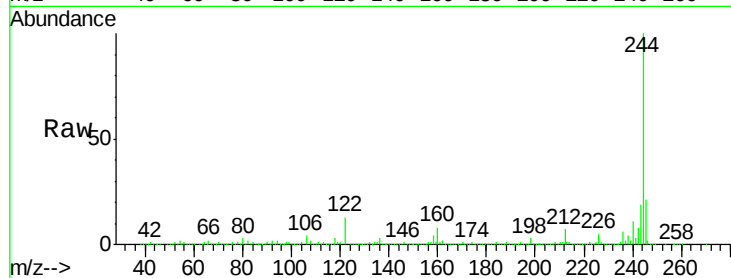
Tgt Ion:244 Resp: 2111835

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

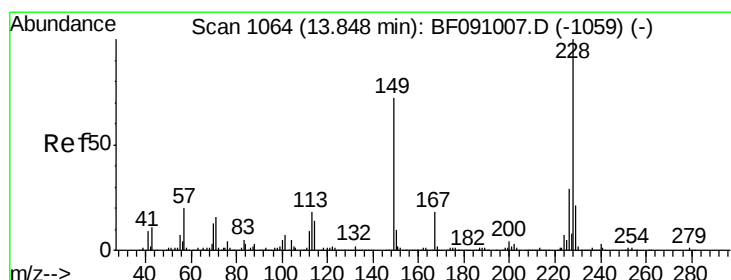
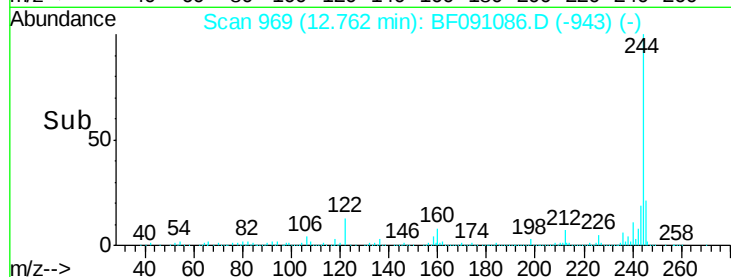
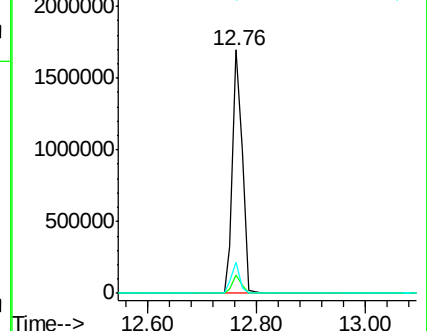
122 13.0 12.3 18.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.07 ng

RT: 13.80 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF091086.D

Acq: 8 Nov 2016 17:10

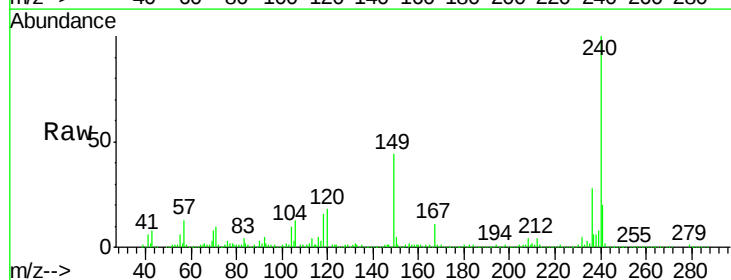
Tgt Ion:149 Resp: 167911

Ion Ratio Lower Upper

149 100

167 24.7 20.4 30.6

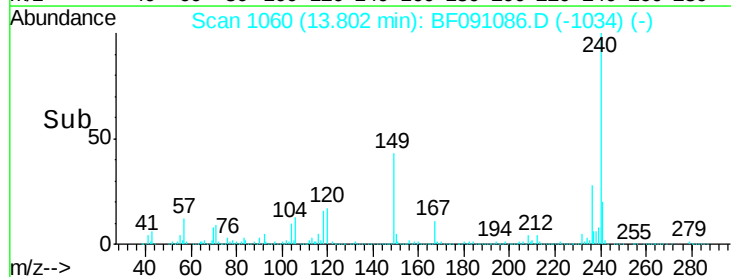
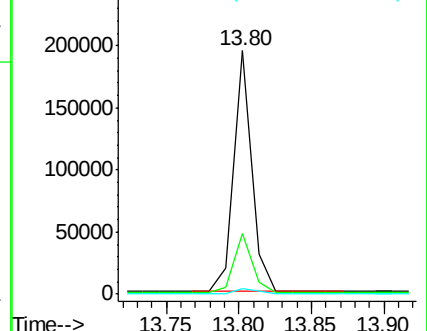
279 2.2 1.6 2.4

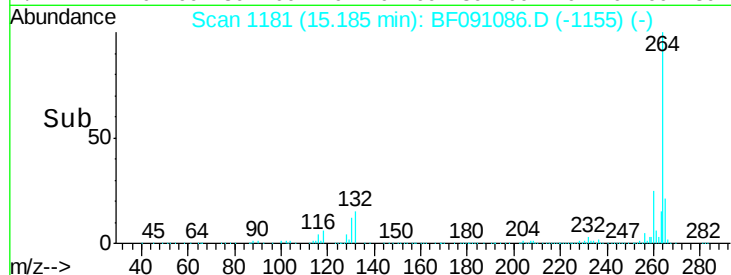
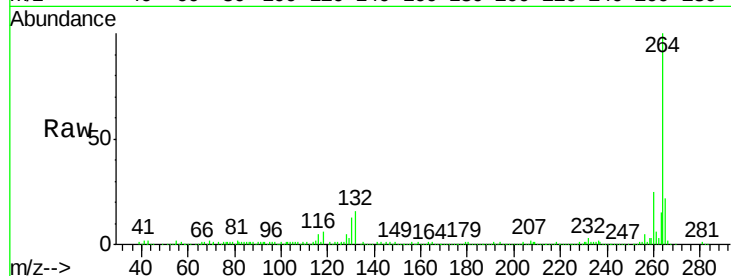
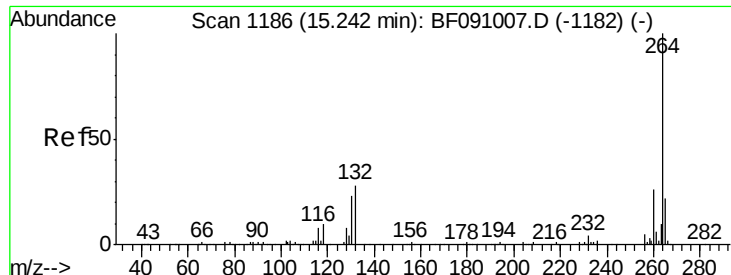


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091086.D
Acq: 8 Nov 2016 17:10

Instrument :
BNA_F
ClientSampleId :
MW16

Tgt Ion:	264	Resp:	350691
Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.6	17.8	26.8

