

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091955.D
 Acq On : 24 Dec 2016 6:55
 Operator : UM/SJ
 Sample : H6156-06DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Quant Time: Dec 24 23:30:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

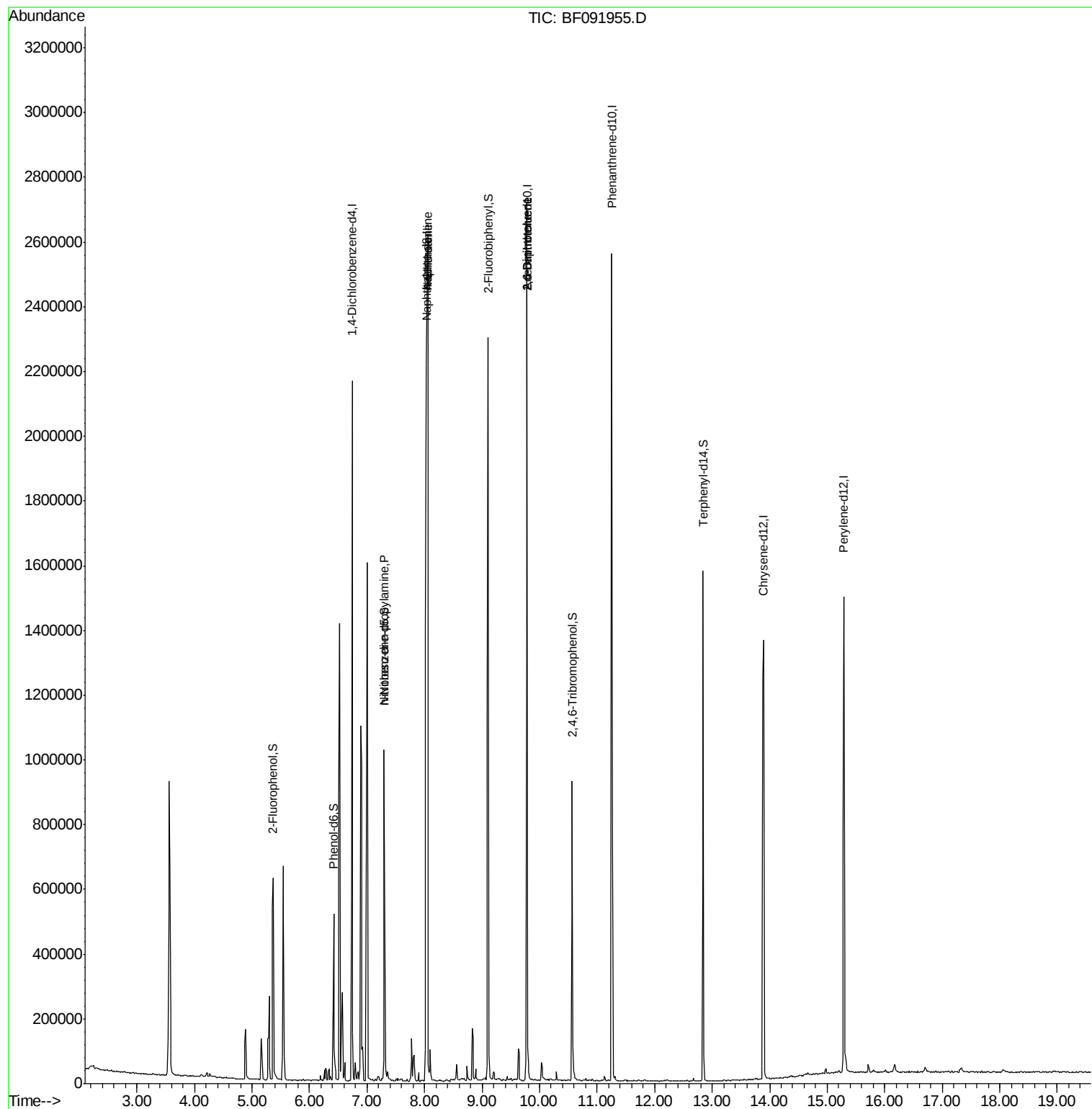
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	334535	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1244315	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	691700	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	969401	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	703610	20.00	ng	-0.01
86) Perylene-d12	15.29	264	663509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	278625	13.91	ng	0.02
7) Phenol-d6	6.42	99	225802	9.23	ng	0.01
23) Nitrobenzene-d5	7.30	82	403492	18.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	143405	25.05	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	874708	15.34	ng	-0.01
78) Terphenyl-d14	12.84	244	552398	19.04	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	51064	3.14	ng	# 79
31) Naphthalene	8.05	128	1836493	32.25	ng	99
33) 4-Chloroaniline	8.05	127	244069	9.50	ng	# 34
37) 2-Methylnaphthalene	8.74	142	11565	Below Cal		98
50) 2,6-Dinitrotoluene	9.78	165	88913	9.18	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	89275	7.35	ng	# 19
71) Anthracene	11.33	178	502	Below Cal		# 59
73) Di-n-butylphthalate	11.83	149	1774	Below Cal		# 76
74) Fluoranthene	12.47	202	317	Below Cal		61

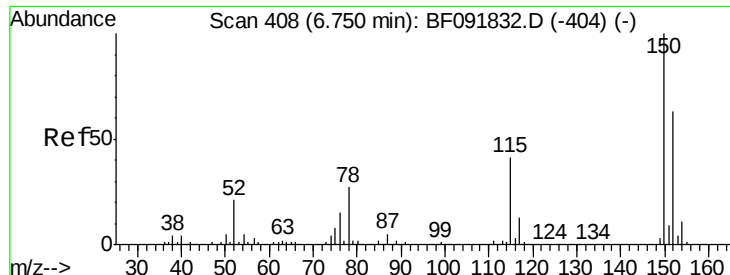
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

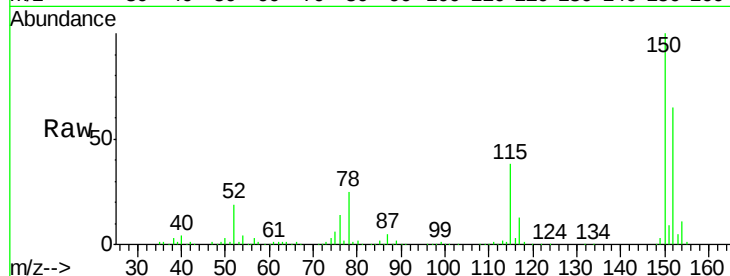
Tgt Ion:152 Resp: 334535

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

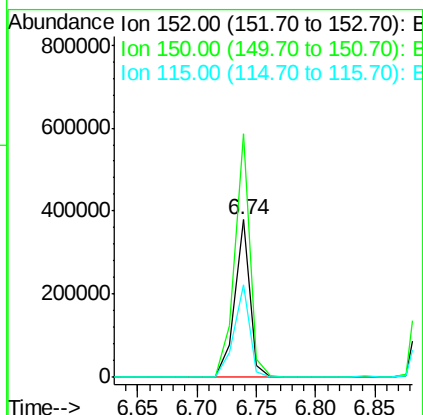
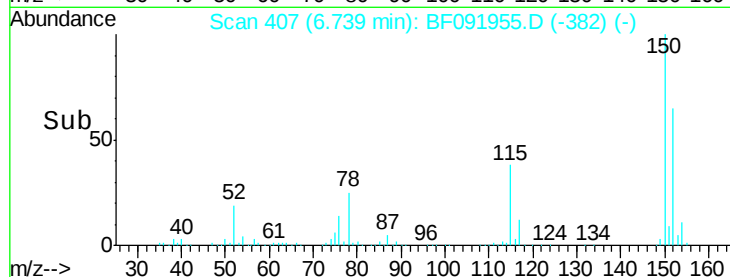
115 59.2 46.0 69.0



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: 13.91 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

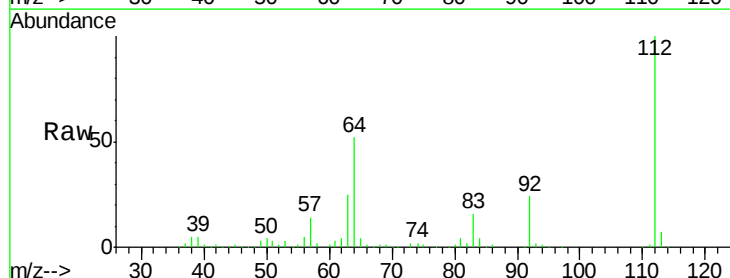
Tgt Ion:112 Resp: 278625

Ion Ratio Lower Upper

112 100

64 51.9 46.1 69.1

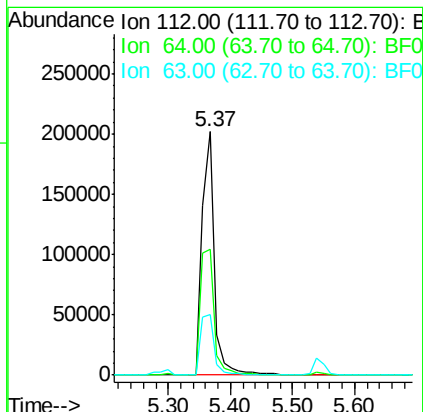
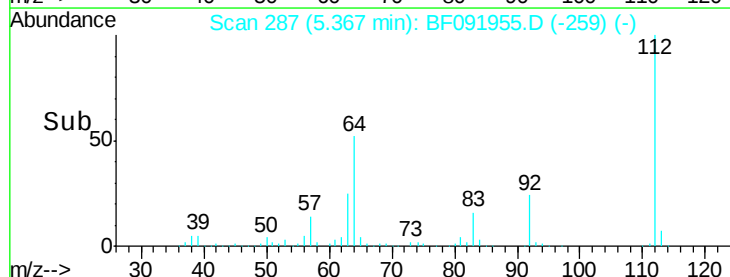
63 25.0 23.8 35.6



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: 9.23 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

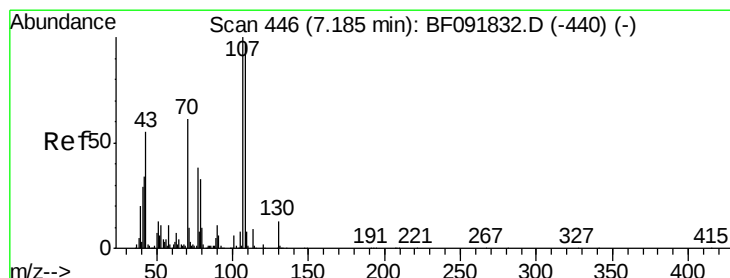
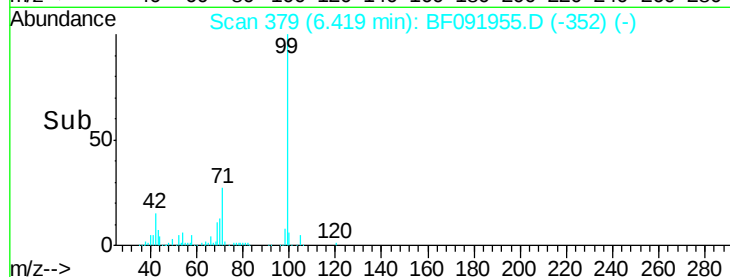
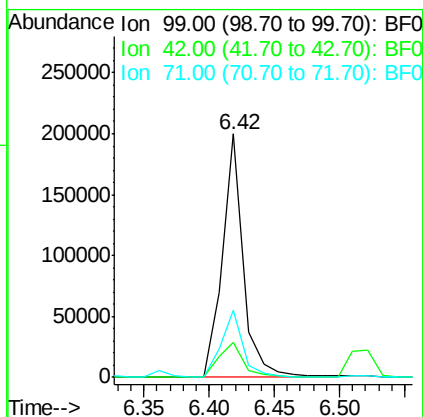
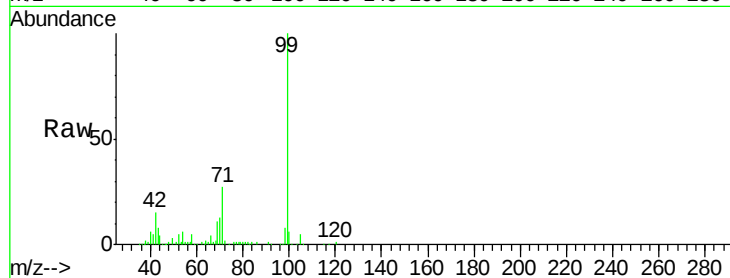
Tgt Ion: 99 Resp: 225802

Ion Ratio Lower Upper

99 100

42 14.6 15.6 23.4#

71 27.3 27.5 41.3#



#19

n-Nitroso-di-n-propylamine

Concen: 3.14 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Tgt Ion: 70 Resp: 51064

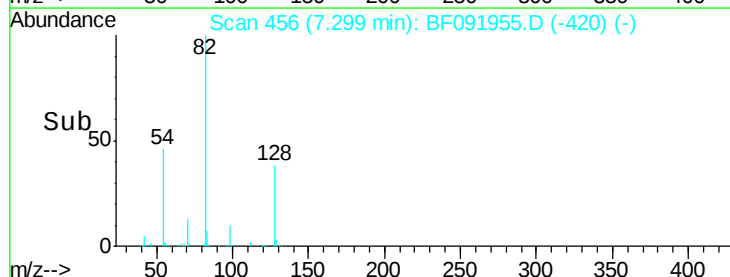
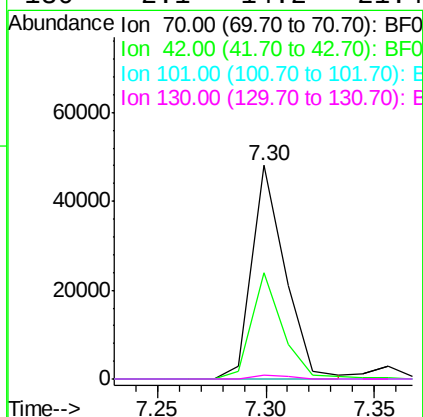
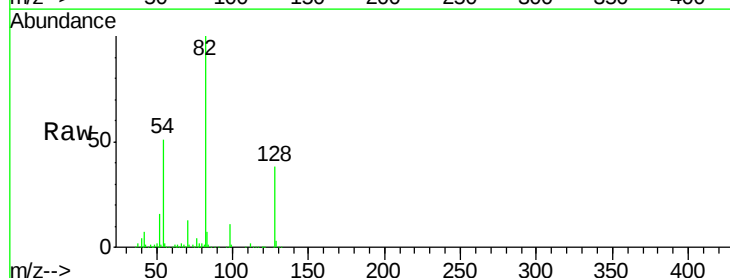
Ion Ratio Lower Upper

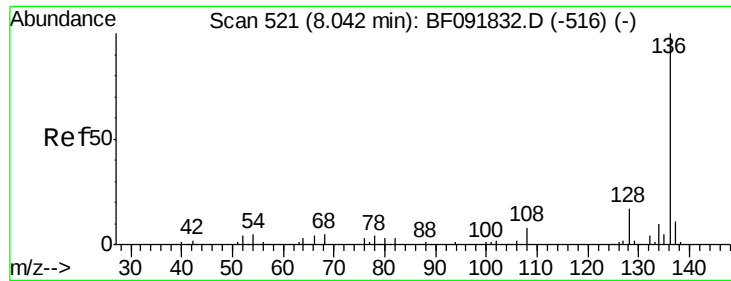
70 100

42 49.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

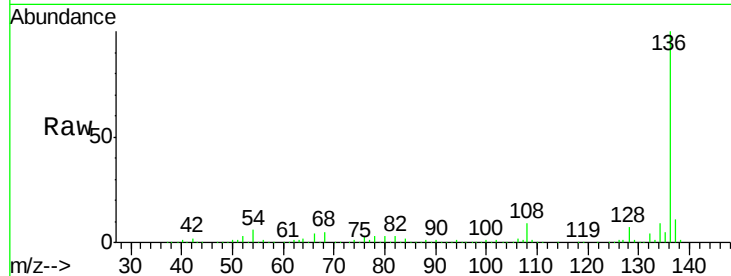




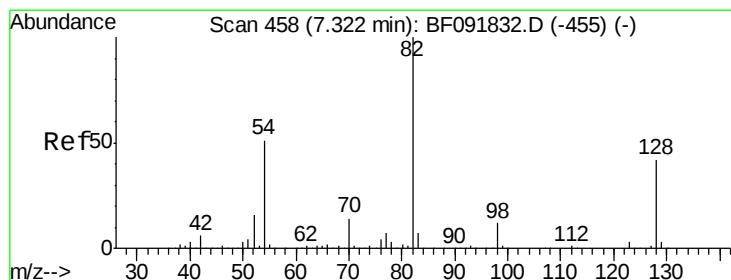
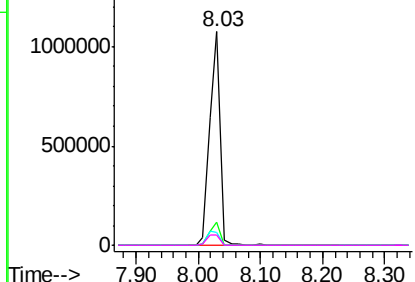
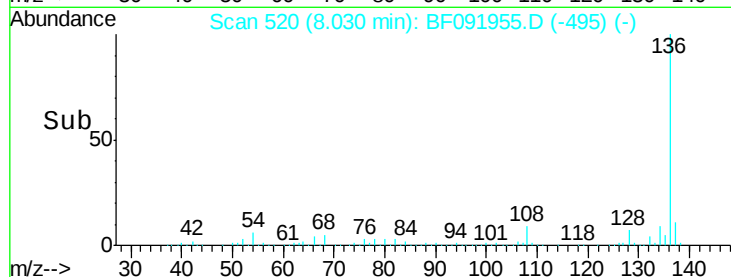
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion: 136 Resp: 1244315
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.0 4.5 6.7
68 5.1 3.6 5.4

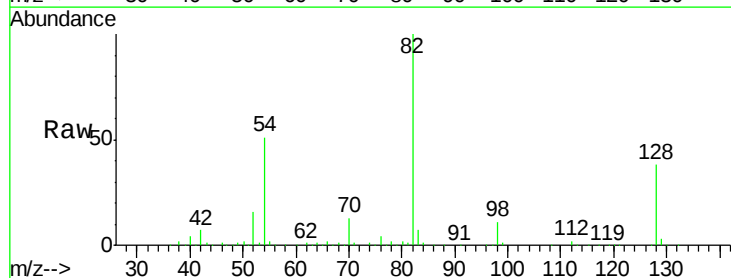


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

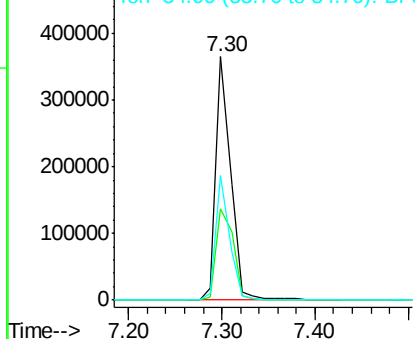
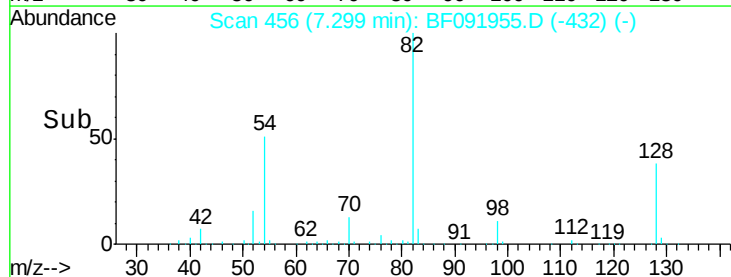


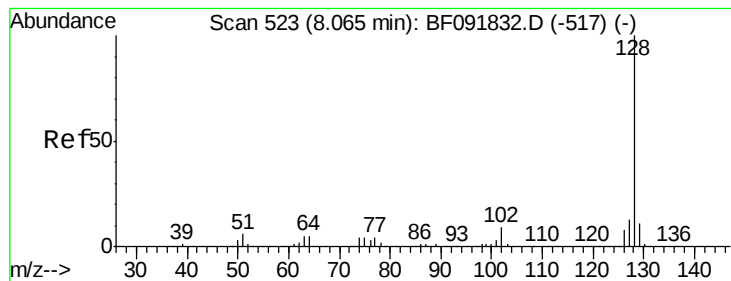
#23
Nitrobenzene-d5
Concen: 18.03 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Tgt Ion: 82 Resp: 403492
Ion Ratio Lower Upper
82 100
128 37.7 34.6 52.0
54 51.1 39.5 59.3



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





#31

Naphthalene

Concen: 32.25 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

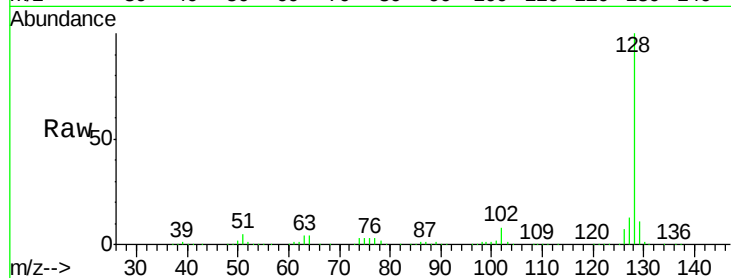
Tgt Ion:128 Resp: 1836493

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

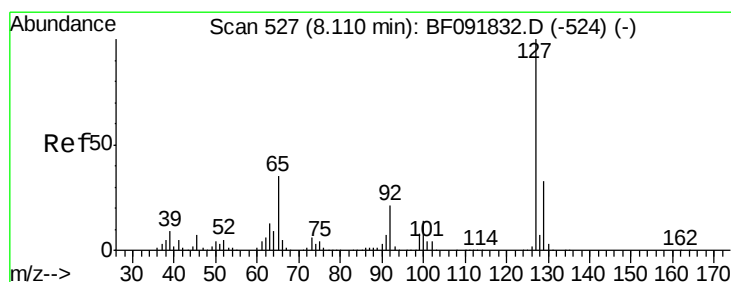
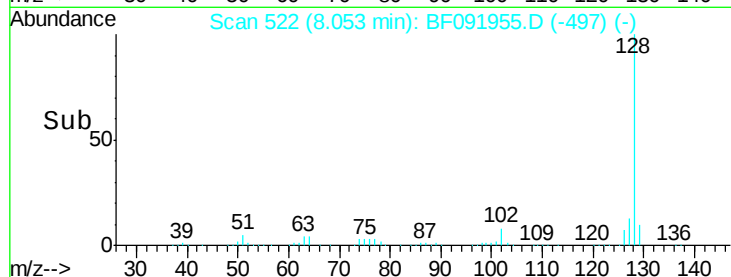
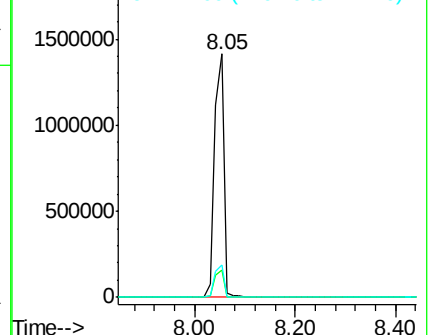
127 13.3 10.8 16.2



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



#33

4-Chloroaniline

Concen: 9.50 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.06 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Tgt Ion:127 Resp: 244069

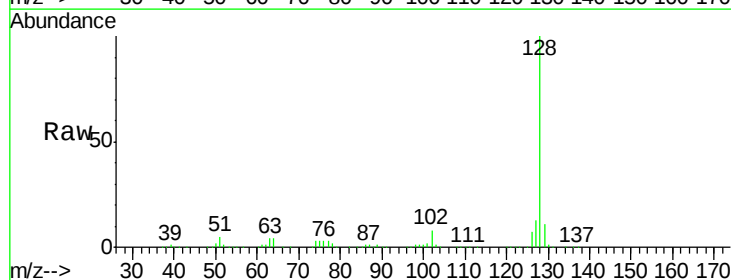
Ion Ratio Lower Upper

127 100

129 82.5 26.3 39.5#

65 0.0 25.8 38.8#

92 0.0 16.1 24.1#

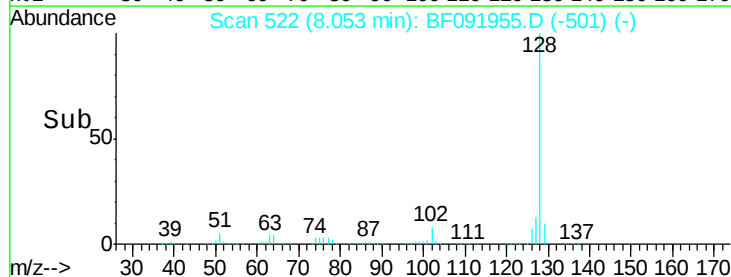
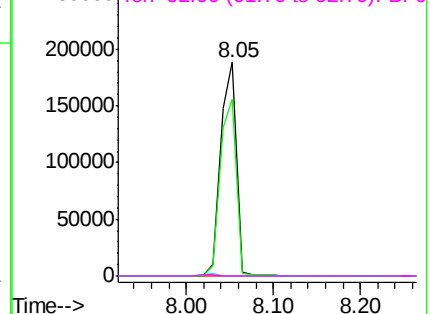


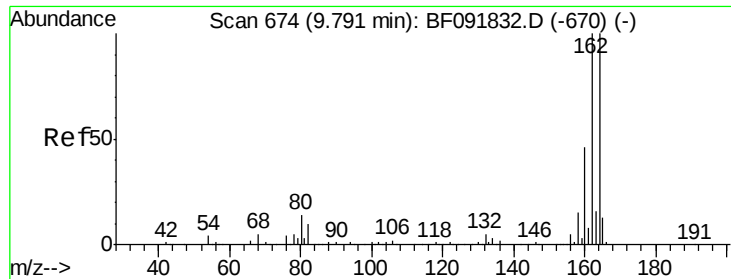
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

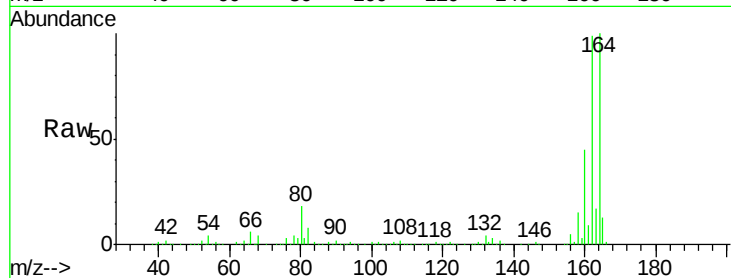




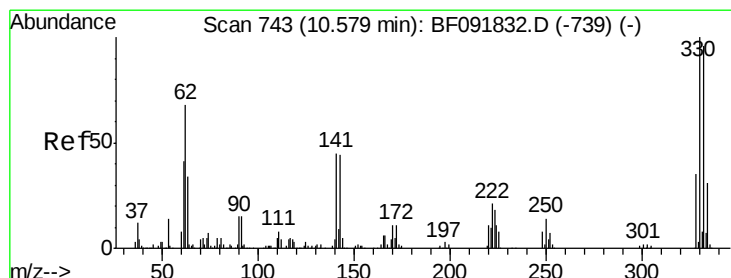
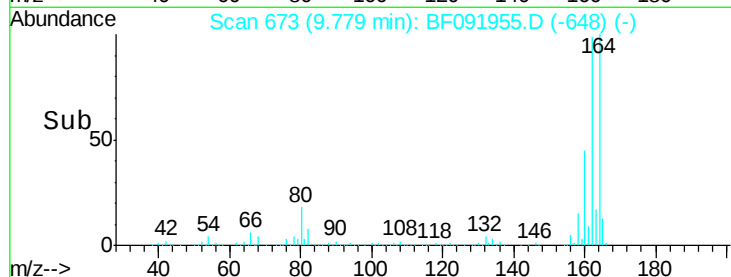
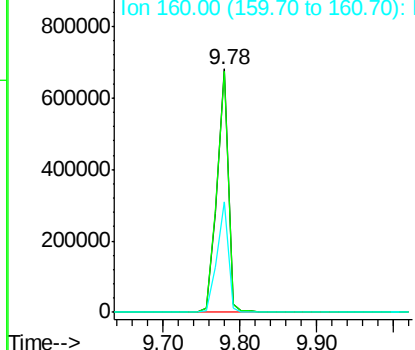
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:164 Resp: 691700
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 45.1 36.9 55.3

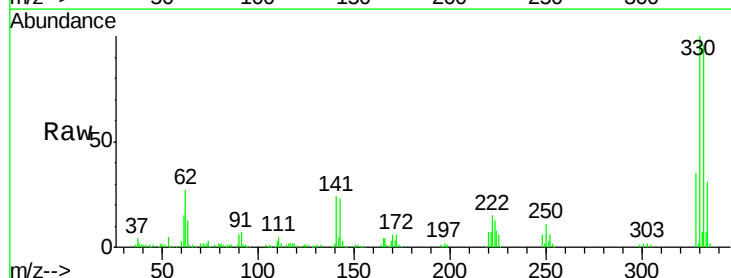


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

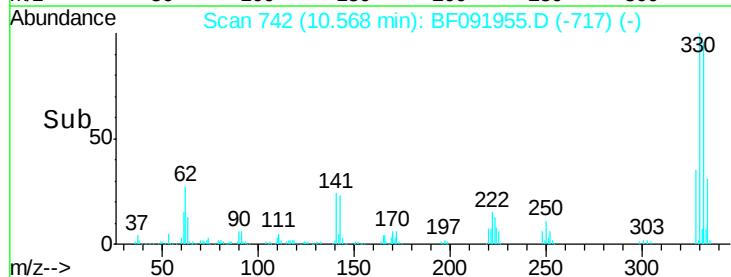
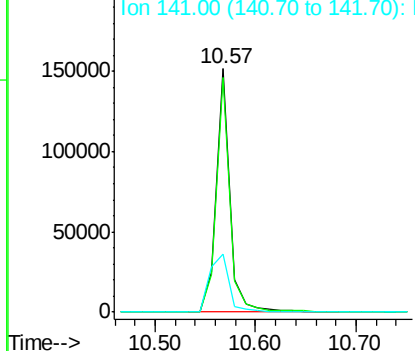


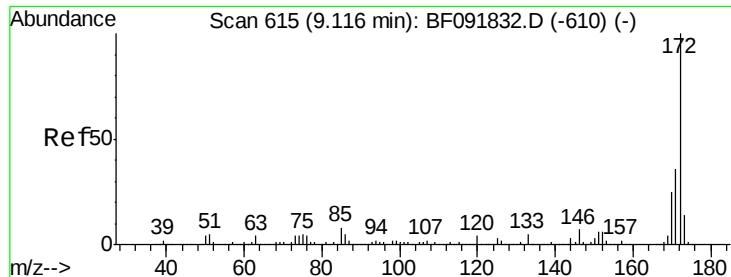
#41
2,4,6-Tribromophenol
Concen: 25.05 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Tgt Ion:330 Resp: 143405
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.3 34.1 51.1



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

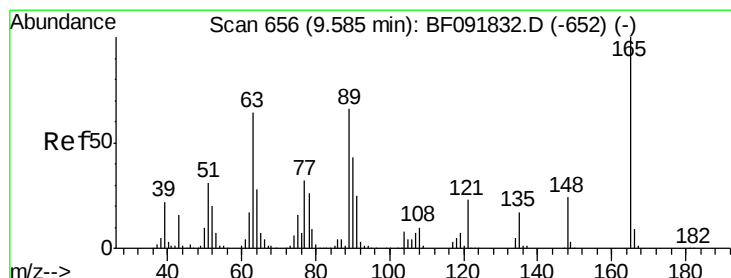
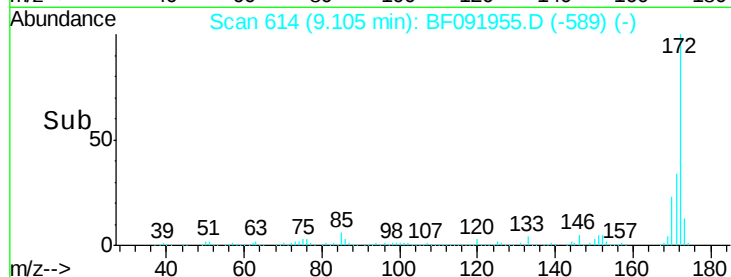
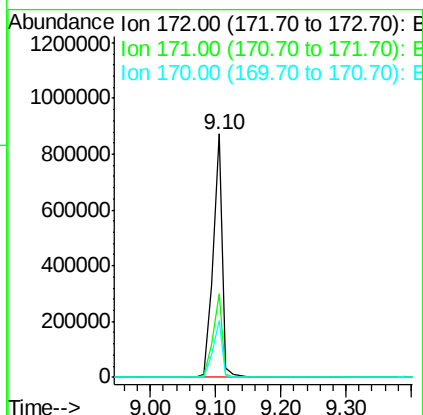
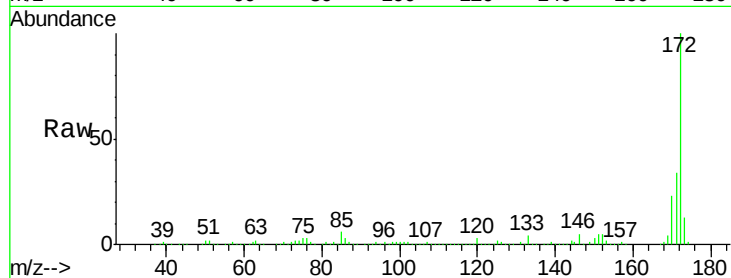




#44
 2-Fluorobiphenyl
 Concen: 15.34 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091955.D
 Acq: 24 Dec 2016 6:55

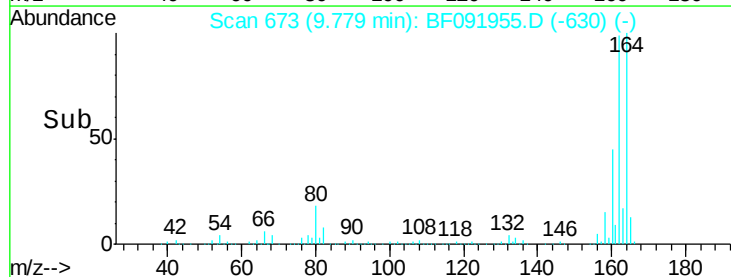
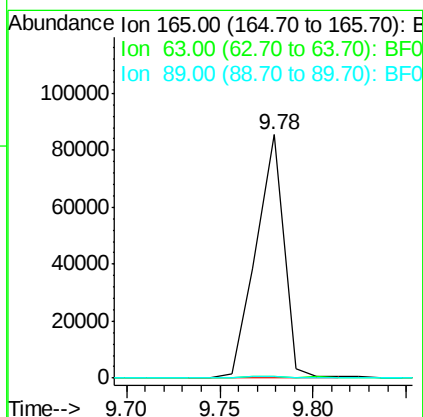
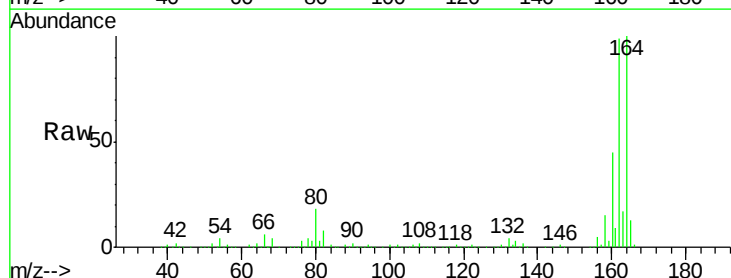
Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

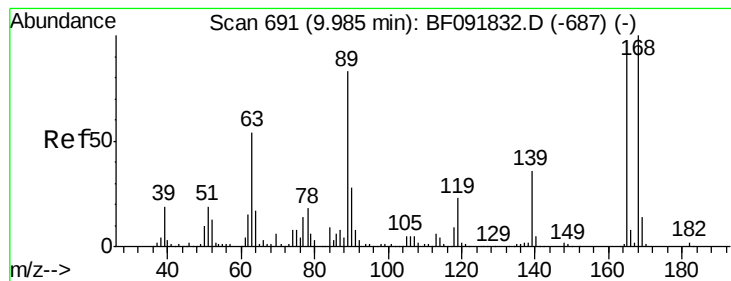
Tgt Ion:172 Resp: 874708
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.0
 170 23.2 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.18 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF091955.D
 Acq: 24 Dec 2016 6:55

Tgt Ion:165 Resp: 88913
 Ion Ratio Lower Upper
 165 100
 63 0.6 36.2 54.4#
 89 0.8 40.2 60.4#





#56

2,4-Dinitrotoluene

Concen: 7.35 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

Tgt Ion:165 Resp: 89275

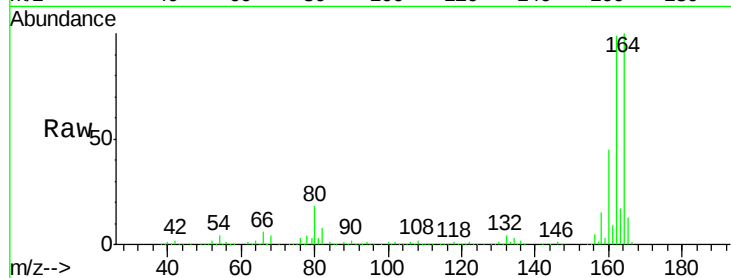
Ion Ratio Lower Upper

165 100

63 0.6 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

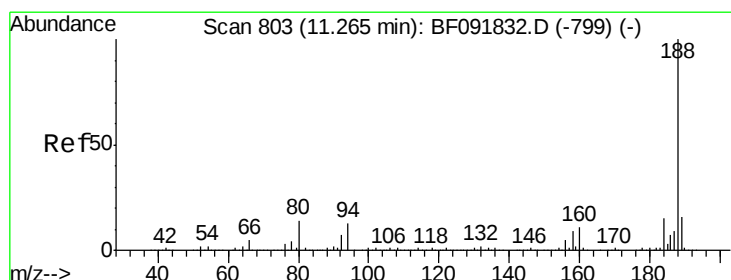
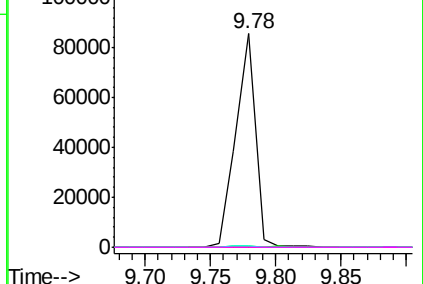
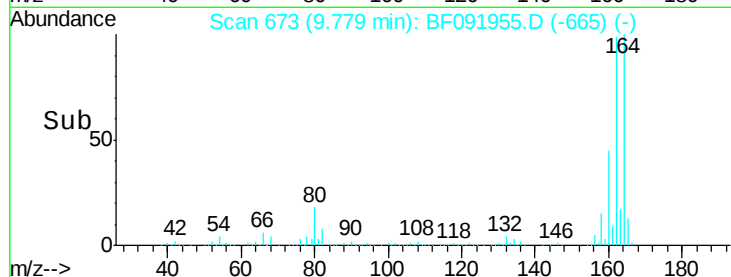


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

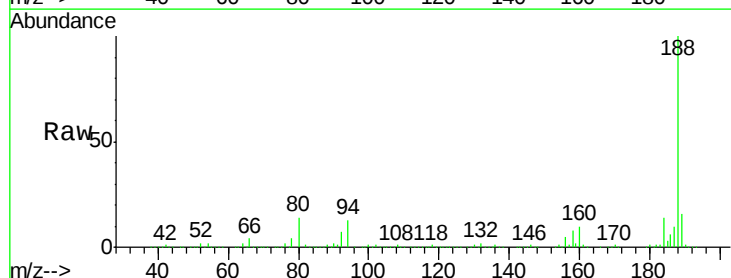
Tgt Ion:188 Resp: 969401

Ion Ratio Lower Upper

188 100

94 12.8 10.0 15.0

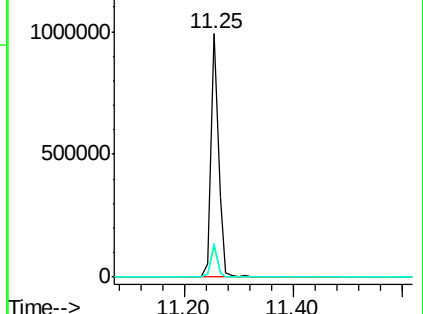
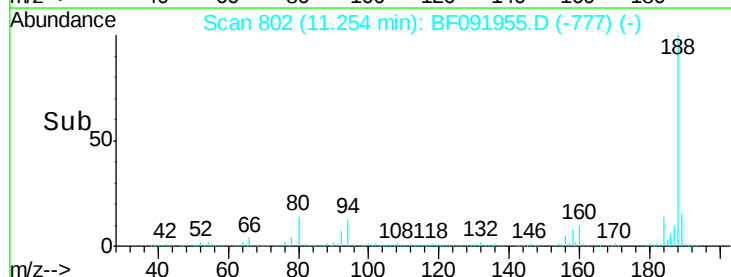
80 14.1 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

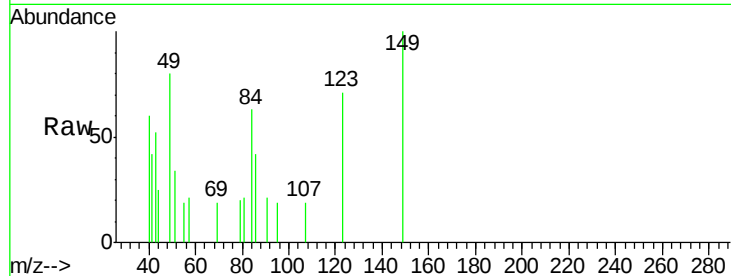
Tgt Ion:149 Resp: 1774

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

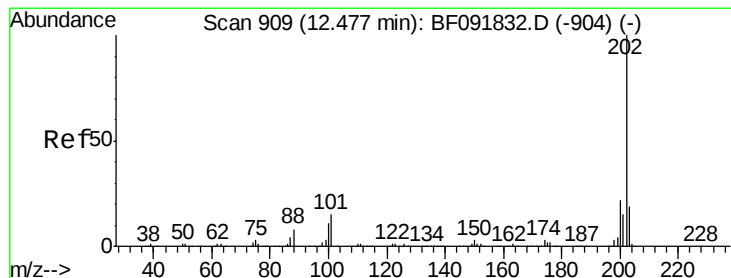
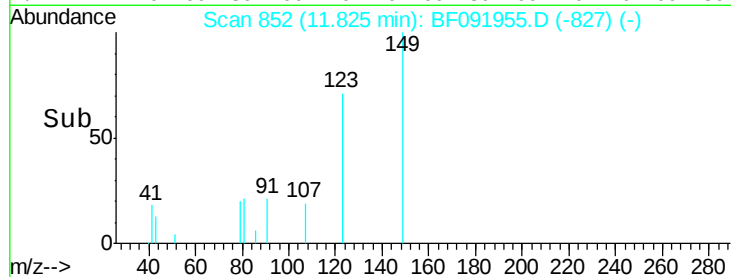
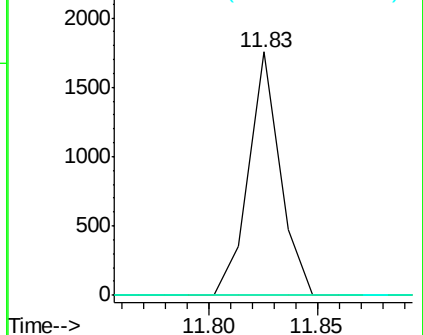
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

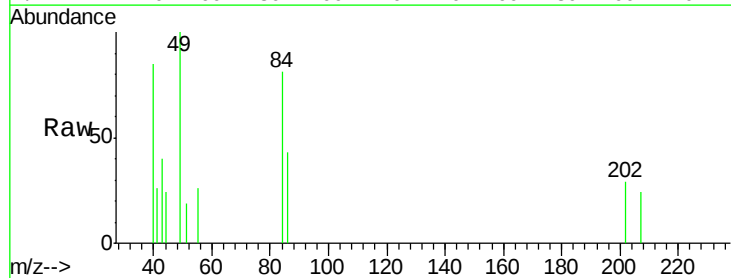
Tgt Ion:202 Resp: 317

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

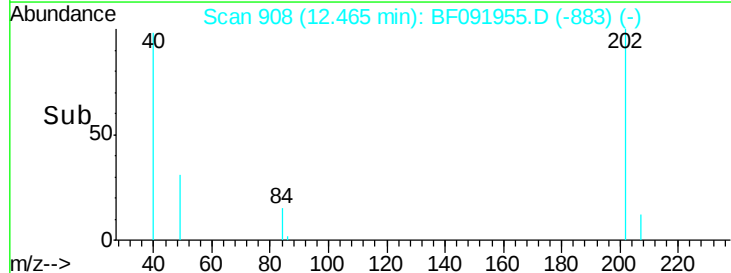
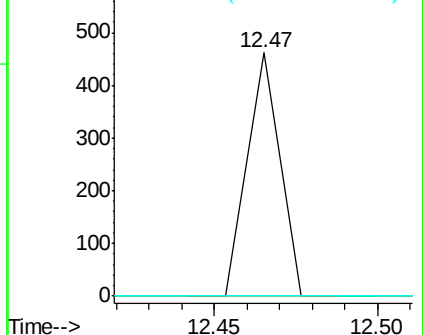
203 0.0 0.0 38.7

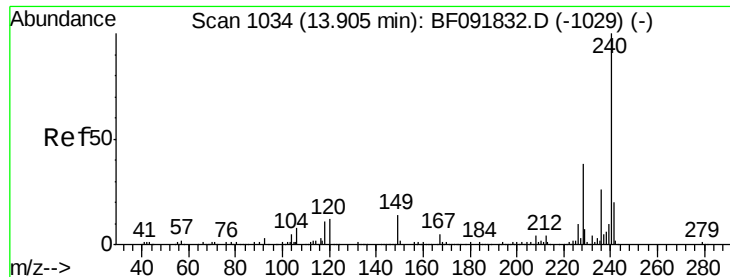


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

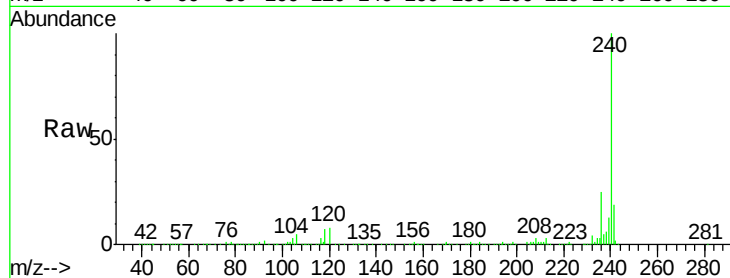
Tgt Ion:240 Resp: 703610

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

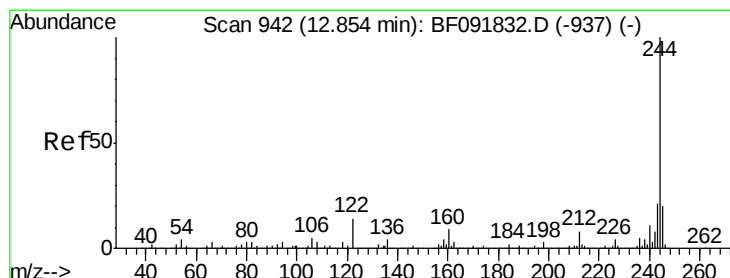
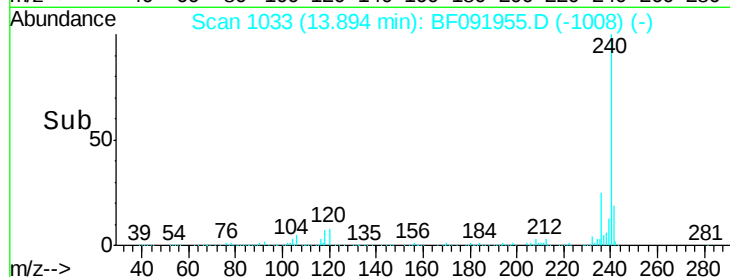
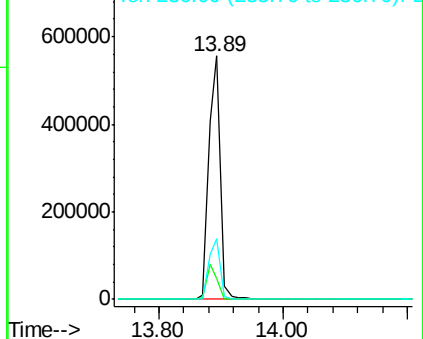
236 25.1 20.9 31.3



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: 19.04 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

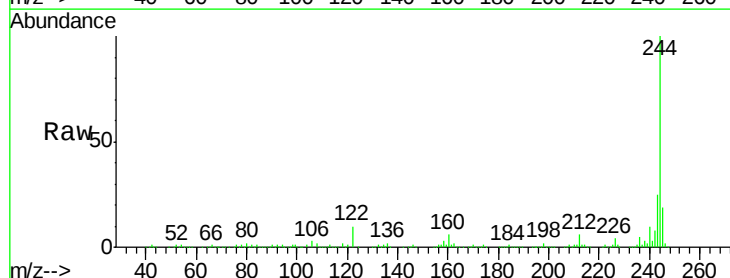
Tgt Ion:244 Resp: 552398

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2#

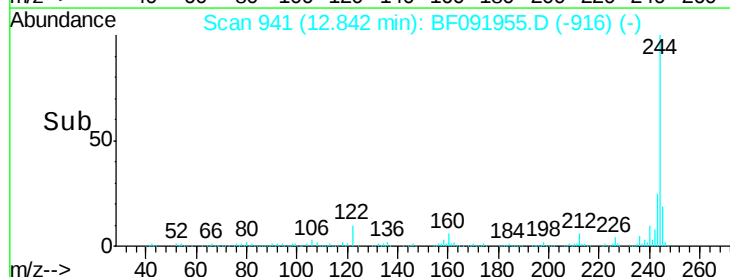
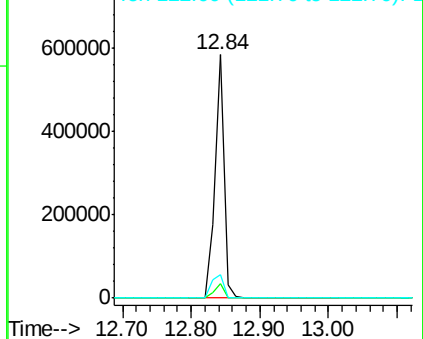
122 9.5 11.4 17.2#

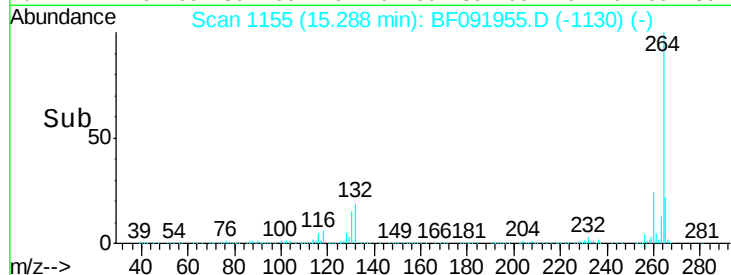
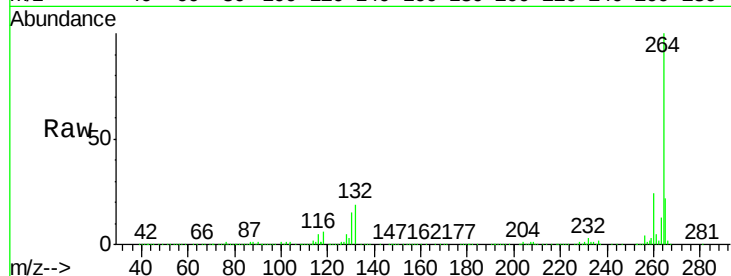
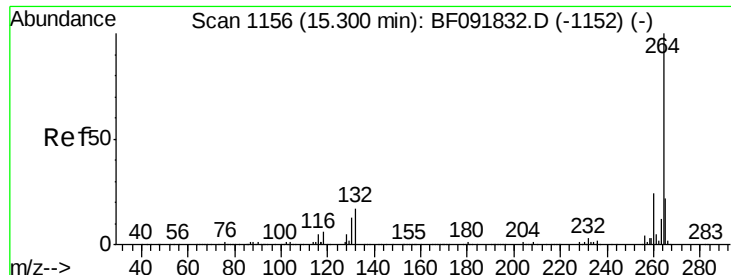


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tgt Ion:	264	Resp:	663509
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.9	17.4	26.0

