

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082794.D
 Acq On : 7 Nov 2015 7:10
 Operator : UM/IZ
 Sample : G4259-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-110315

Quant Time: Nov 08 23:56:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

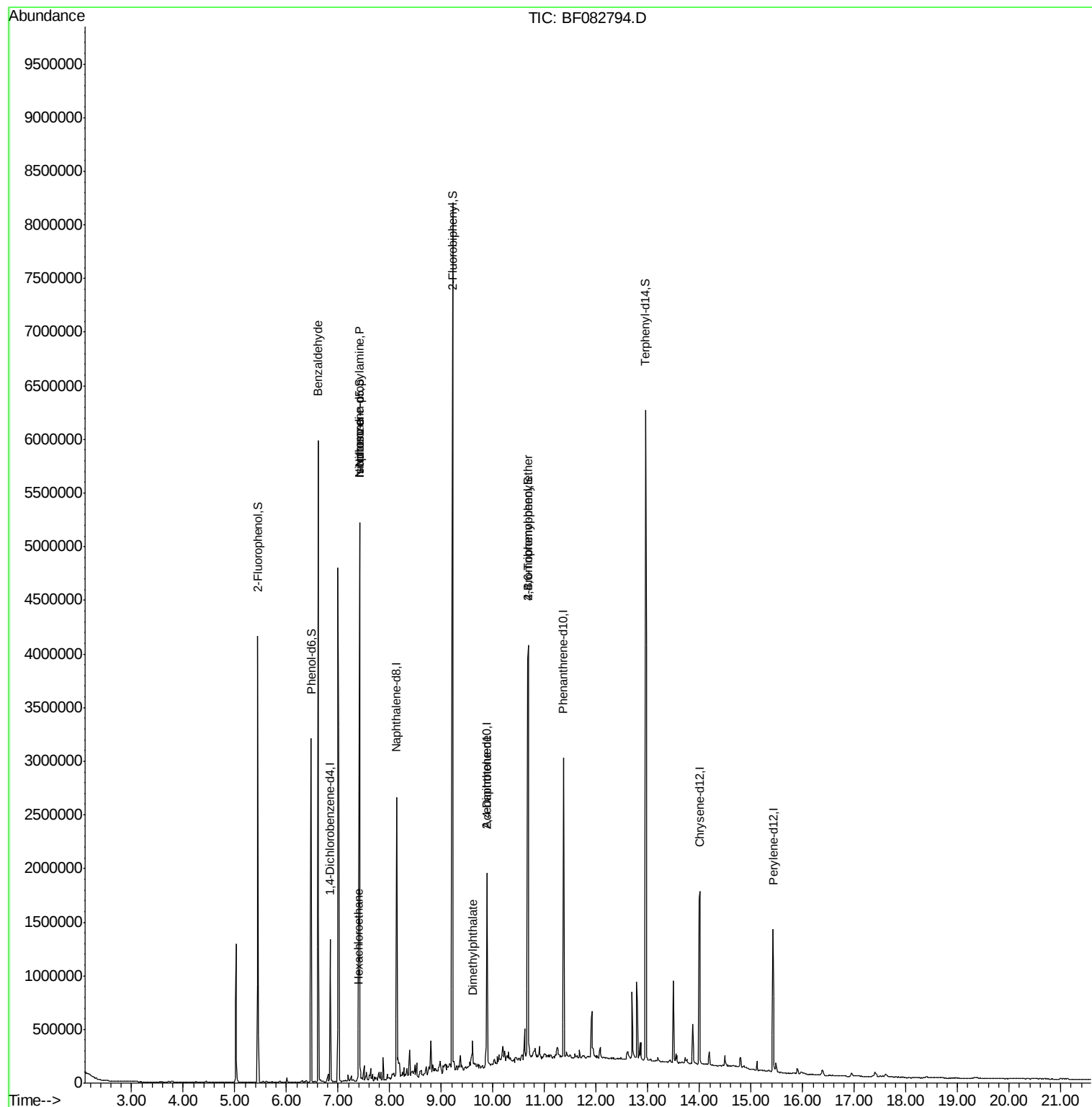
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	259531	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1019758	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	505400	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	927518	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	857724	20.00	ng	-0.01
86) Perylene-d12	15.43	264	640516	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1033244	61.94	ng	0.00
7) Phenol-d6	6.48	99	995379	44.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	1978147	84.41	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	753258	129.99	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	3006078	85.25	ng	0.00
78) Terphenyl-d14	12.96	244	2550346	70.52	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	44089	3.60	ng	Qvalue 83
18) Hexachloroethane	7.39	117	20547	2.65	ng	# 19
19) n-Nitroso-di-n-propylamine	7.41	70	281578	17.27	ng	# 67
25) Isophorone	7.41	82	1876500	43.27	ng	# 70
49) Dimethylphthalate	9.61	163	117568	2.84	ng	99
56) 2,4-Dinitrotoluene	9.88	165	67053	5.59	ng	# 17
66) 4-Bromophenyl-phenylether	10.68	248	52196	4.67	ng	# 1

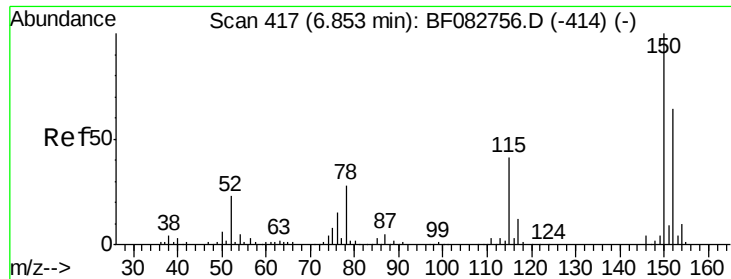
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

MW-01-110315

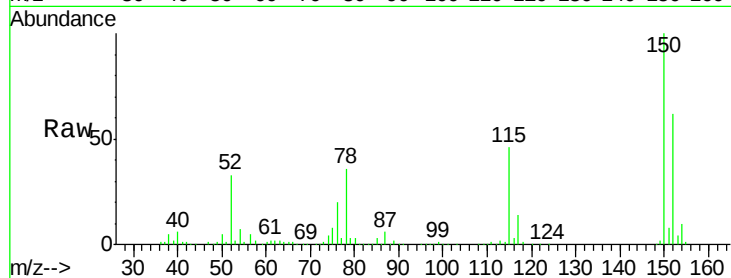
Tgt Ion:152 Resp: 259531

Ion Ratio Lower Upper

152 100

150 161.3 127.0 190.4

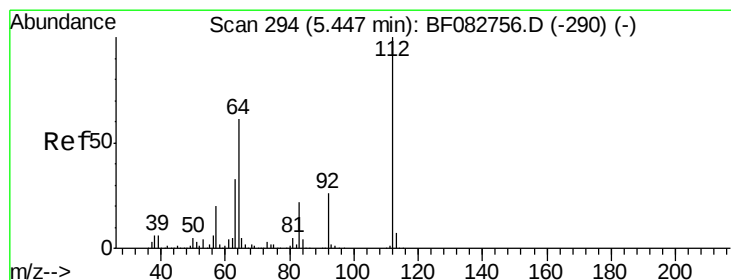
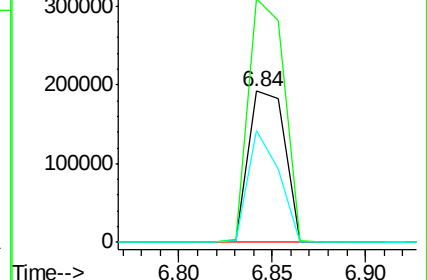
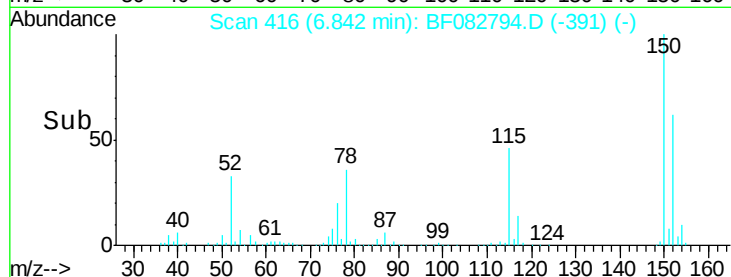
115 73.7 47.0 70.6#



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: 61.94 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

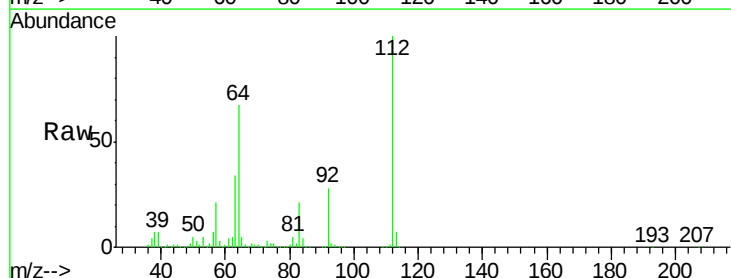
Tgt Ion:112 Resp: 1033244

Ion Ratio Lower Upper

112 100

64 66.8 48.9 73.3

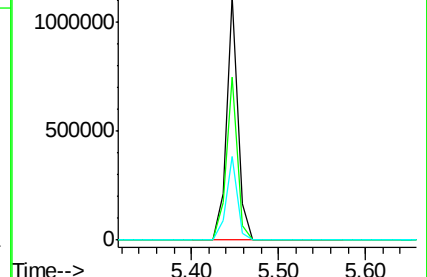
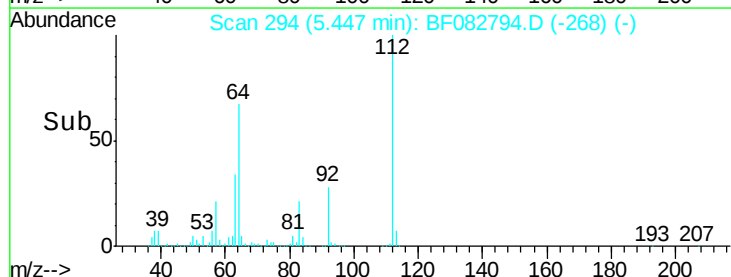
63 34.4 28.1 42.1

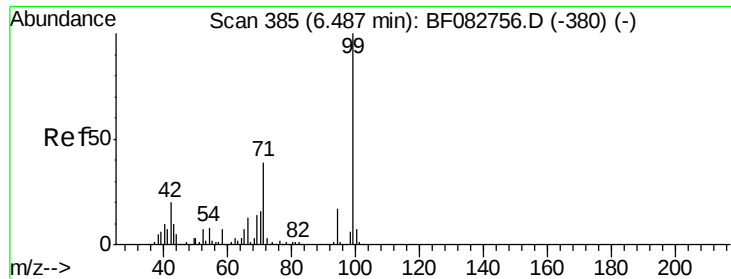


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.89 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

MW-01-110315

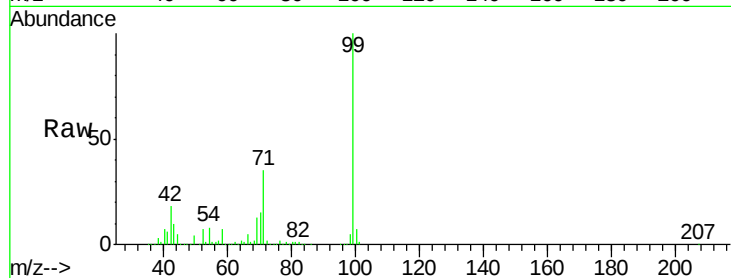
Tgt Ion: 99 Resp: 995379

Ion Ratio Lower Upper

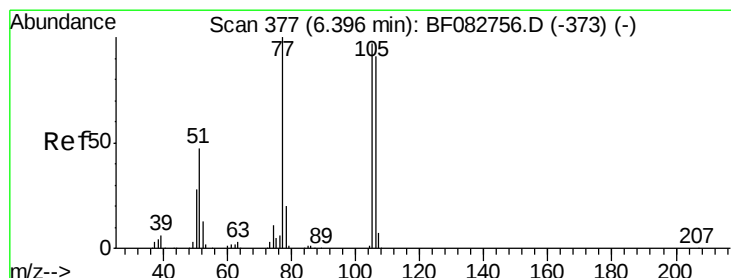
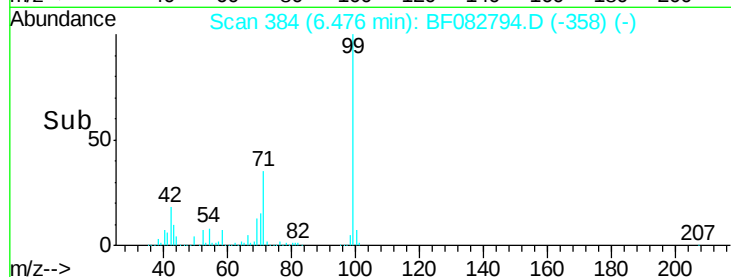
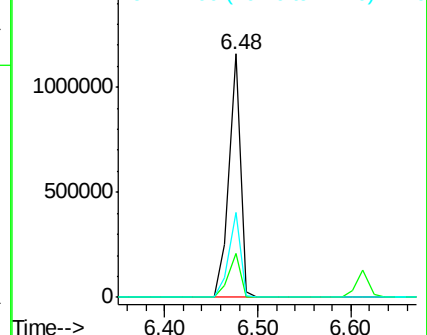
99 100

42 18.2 19.2 28.8#

71 34.8 35.0 52.4#



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: 3.60 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

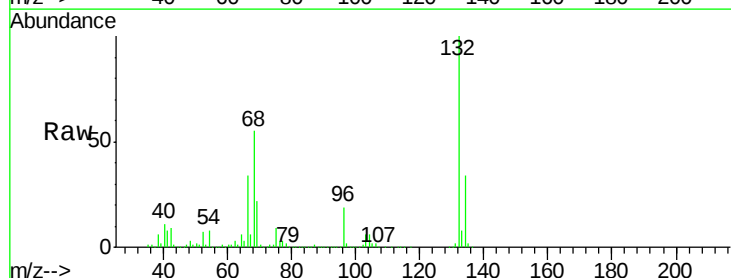
Tgt Ion: 77 Resp: 44089

Ion Ratio Lower Upper

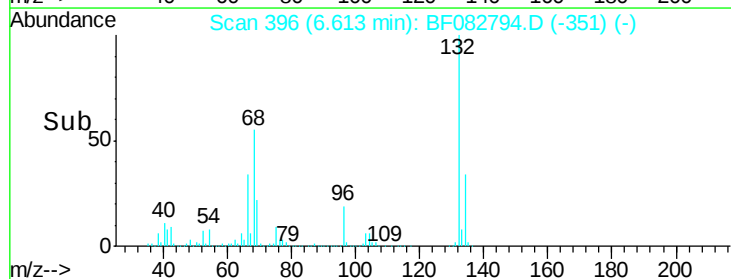
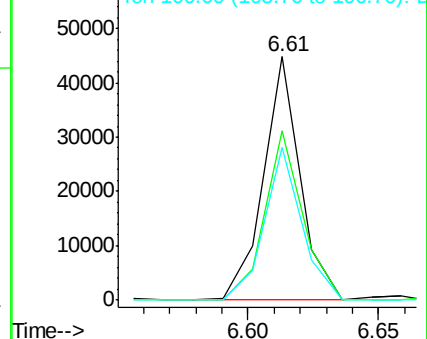
77 100

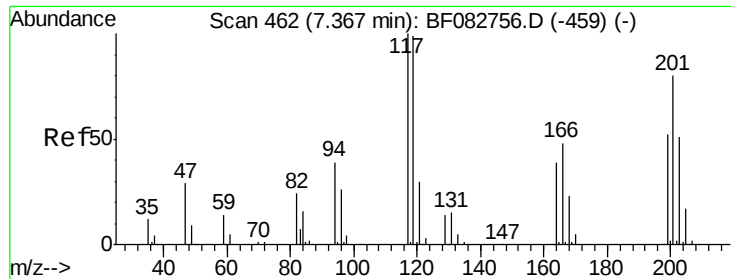
105 69.5 63.5 103.5

106 62.5 59.3 99.3



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

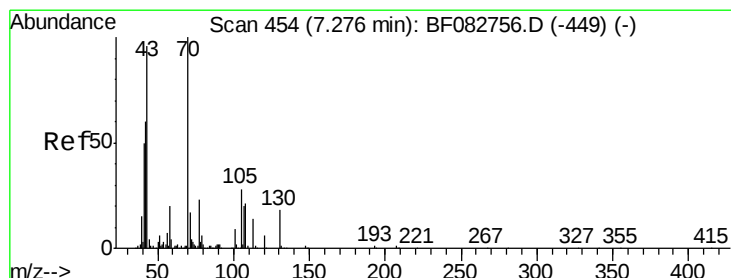
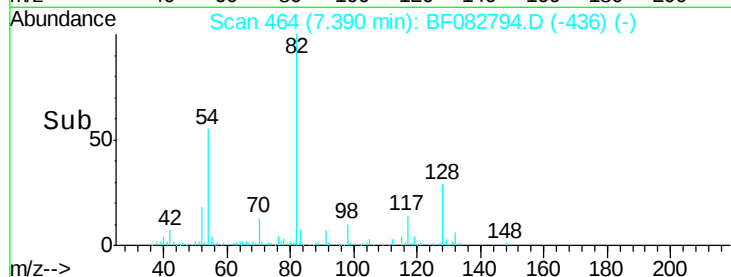
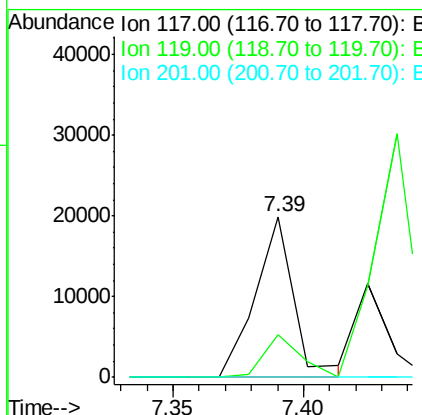
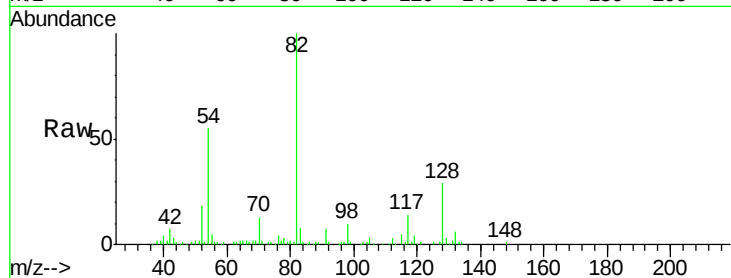




#18
Hexachloroethane
Concen: 2.65 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.02 min
Lab File: BF082794.D
Acq: 7 Nov 2015 7:10

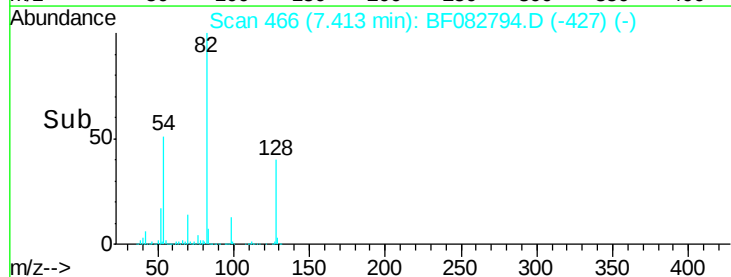
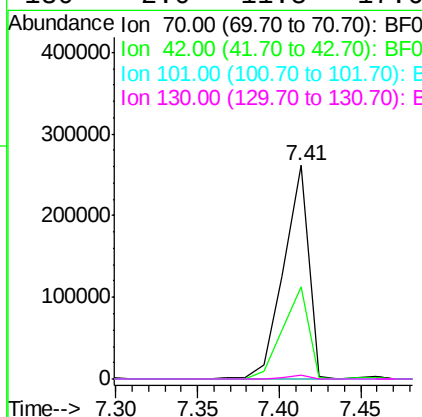
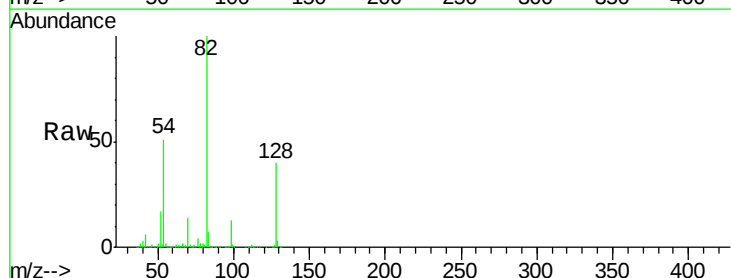
Instrument :
BNA_F
ClientSampleId :
MW-01-110315

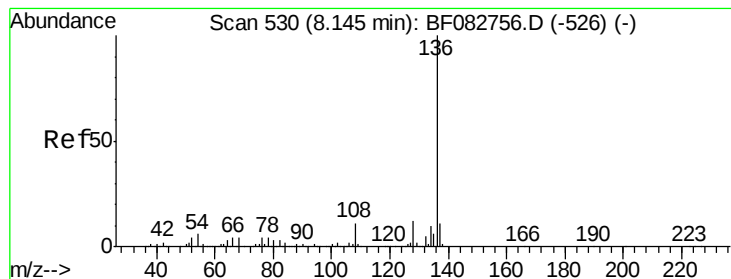
Tgt Ion: 117 Resp: 20547
Ion Ratio Lower Upper
117 100
119 26.7 77.7 116.5#
201 0.0 66.7 100.1#



#19
n-Nitroso-di-n-propylamine
Concen: 17.27 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082794.D
Acq: 7 Nov 2015 7:10

Tgt Ion: 70 Resp: 281578
Ion Ratio Lower Upper
70 100
42 43.4 57.7 86.5#
101 0.0 7.0 10.6#
130 2.0 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

MW-01-110315

Tgt Ion:136 Resp: 1019758

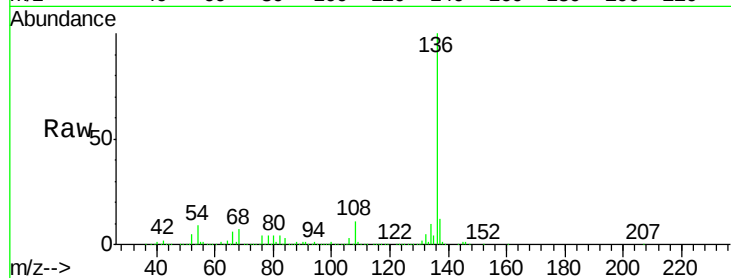
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.2 9.1 13.7

68 6.9 4.8 7.2

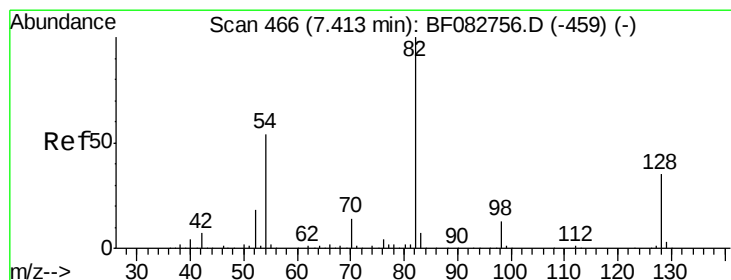
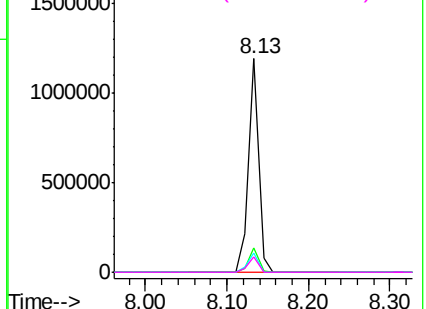
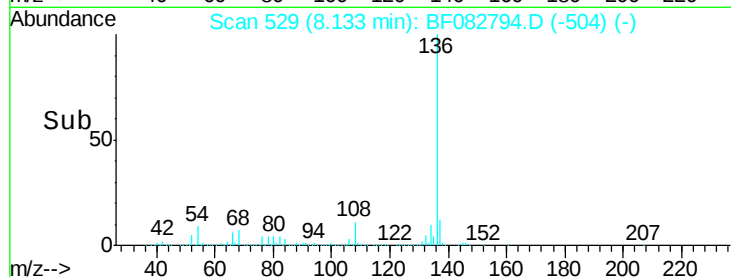


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.41 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

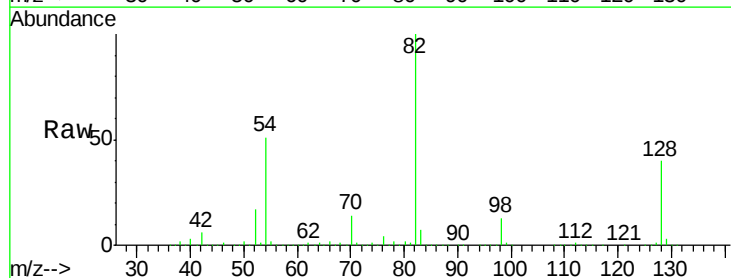
Tgt Ion: 82 Resp: 1978147

Ion Ratio Lower Upper

82 100

128 40.2 26.8 40.2#

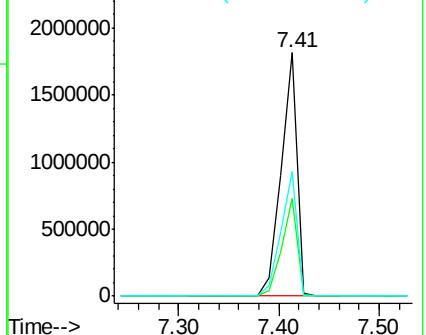
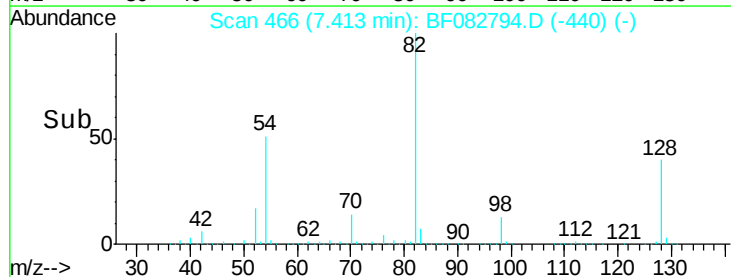
54 51.3 45.7 68.5

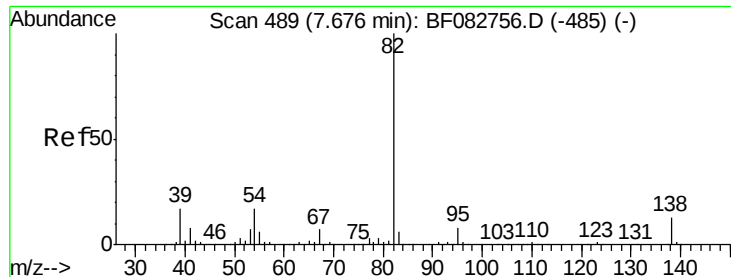


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.27 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

MW-01-110315

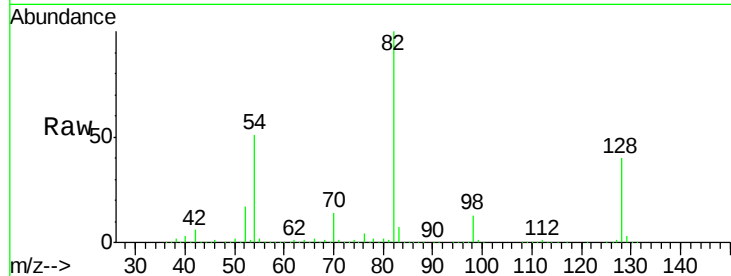
Tgt Ion: 82 Resp: 1876500

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

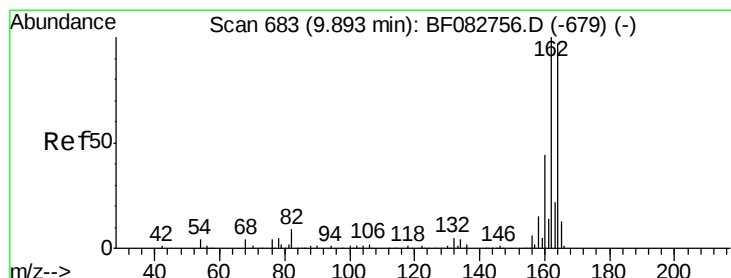
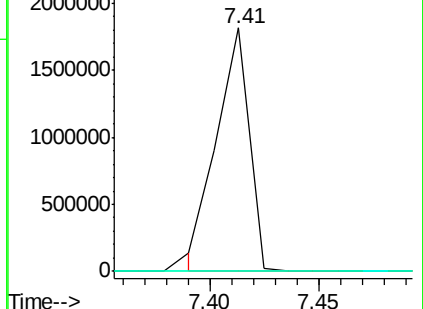
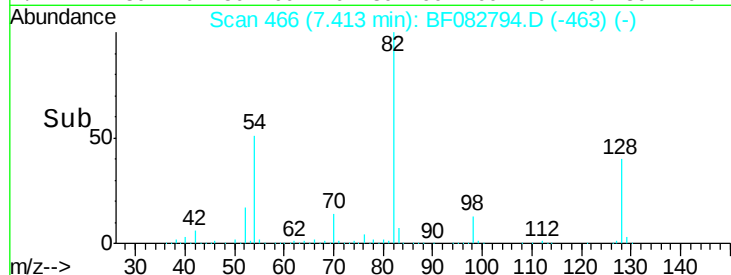
138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF082794.D (-463) (-)

Ion 95.00 (94.70 to 95.70): BF082794.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF082794.D (-463) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

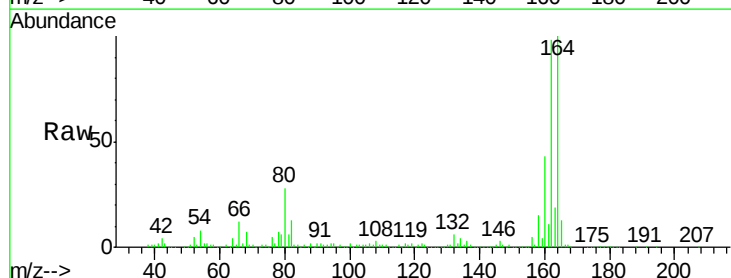
Tgt Ion: 164 Resp: 505400

Ion Ratio Lower Upper

164 100

162 98.5 84.9 127.3

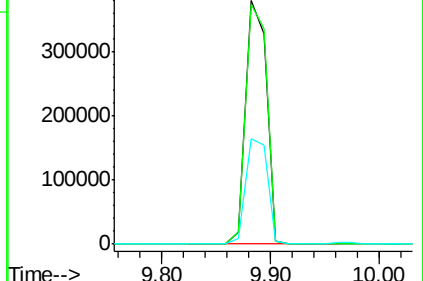
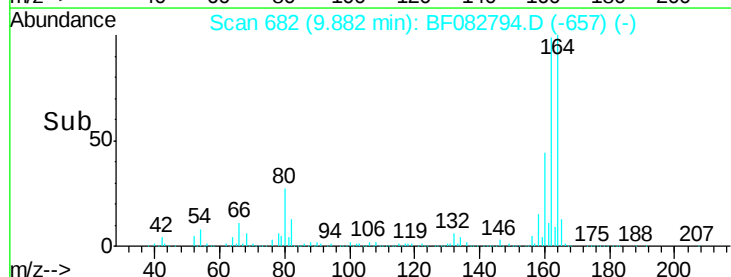
160 43.3 37.5 56.3

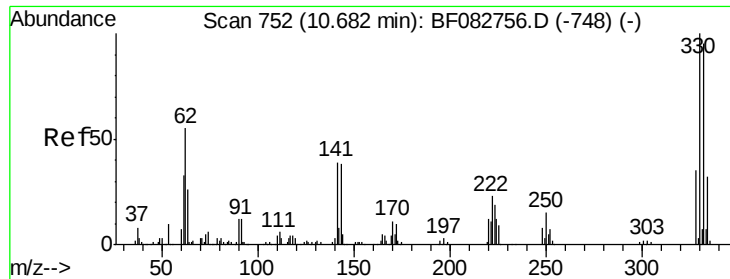


Abundance Ion 164.00 (163.70 to 164.70): BF082794.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF082794.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF082794.D (-657) (-)

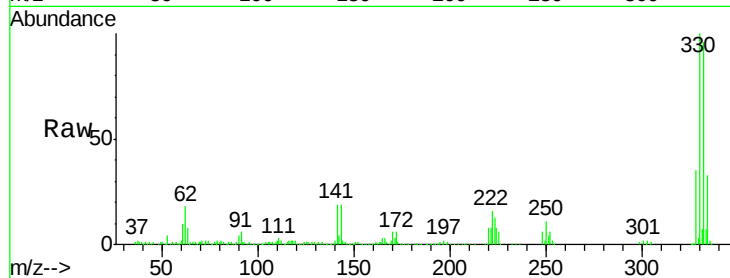




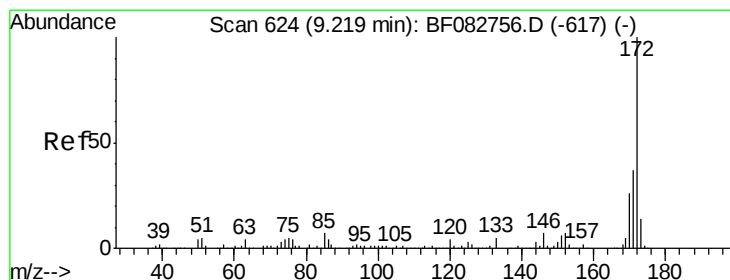
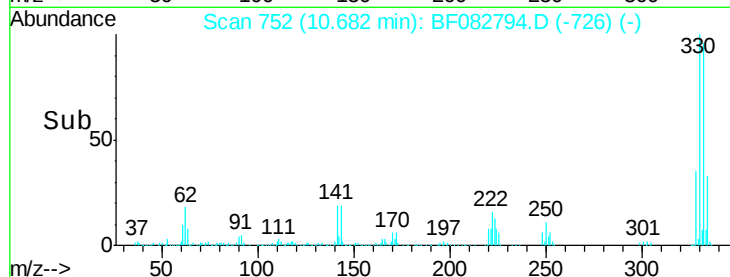
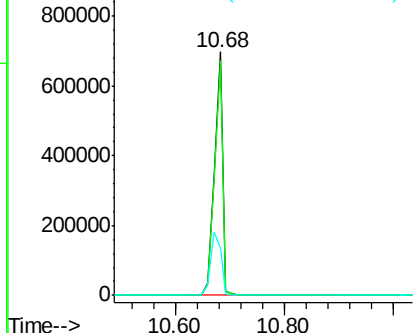
#41
 2,4,6-Tribromophenol
 Concen: 129.99 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082794.D
 Acq: 7 Nov 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-110315

Tgt Ion:330 Resp: 753258
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.5 41.2 61.8#

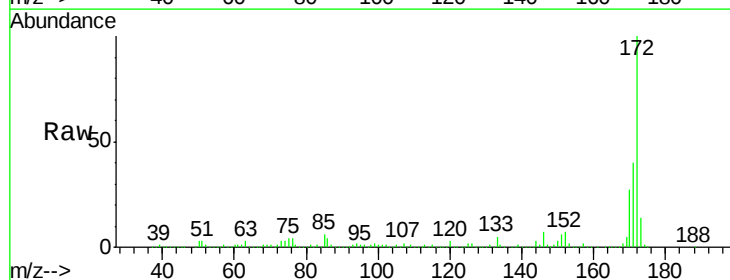


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

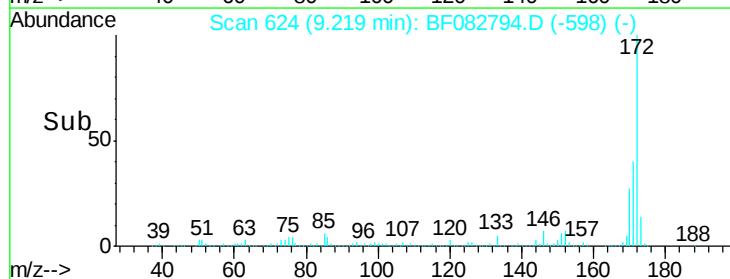
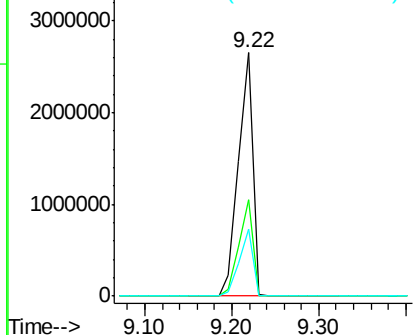


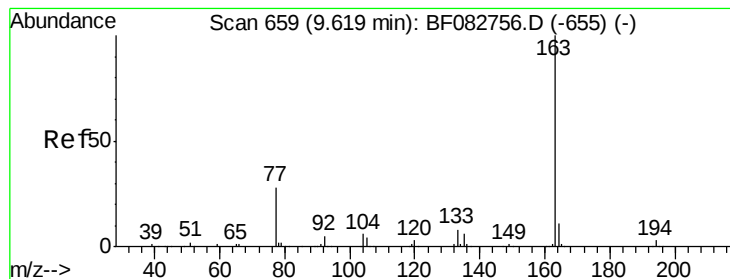
#44
 2-Fluorobiphenyl
 Concen: 85.25 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082794.D
 Acq: 7 Nov 2015 7:10

Tgt Ion:172 Resp: 3006078
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.8 46.2
 170 27.3 21.2 31.8



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





#49

Dimethylphthalate

Concen: 2.84 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

MW-01-110315

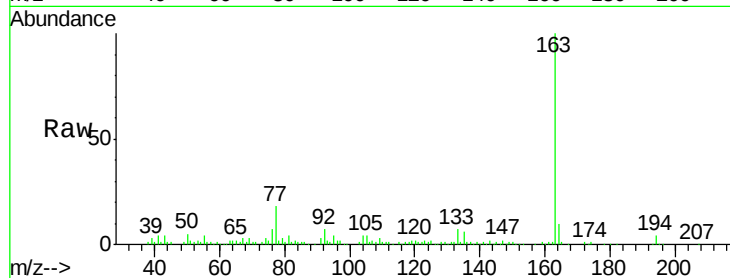
Tgt Ion:163 Resp: 117568

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

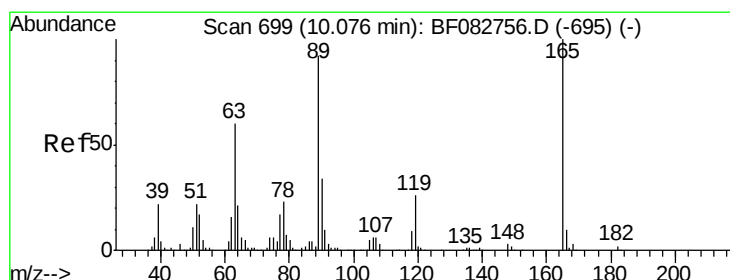
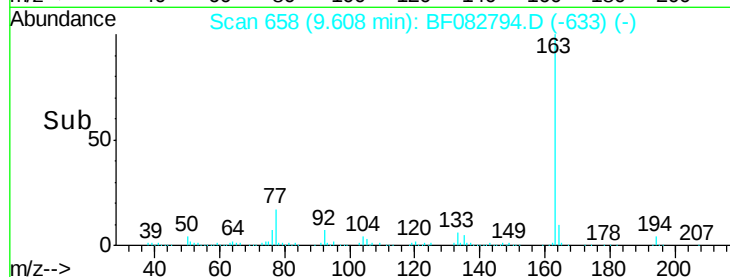
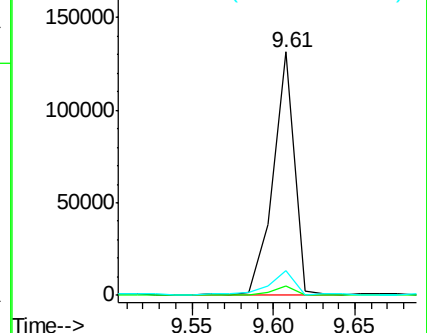
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.59 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Tgt Ion:165 Resp: 67053

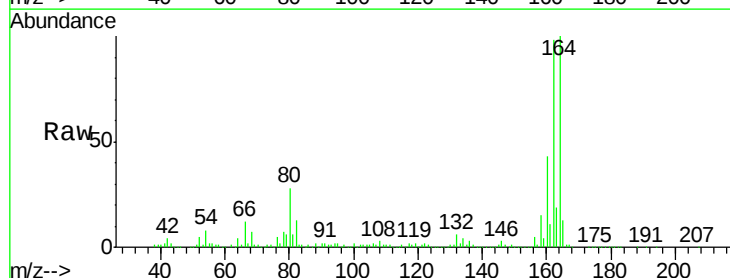
Ion Ratio Lower Upper

165 100

63 3.3 43.4 65.0#

89 3.1 70.6 106.0#

182 2.0 1.5 2.3

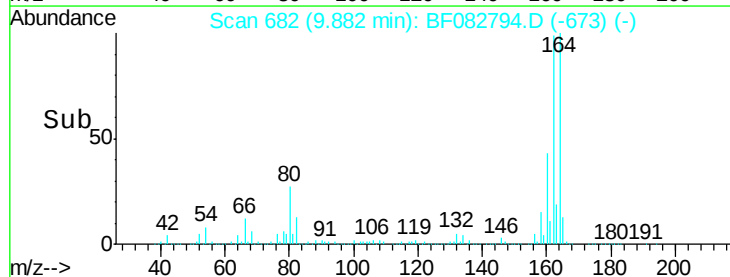
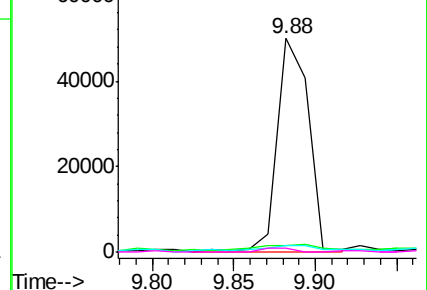


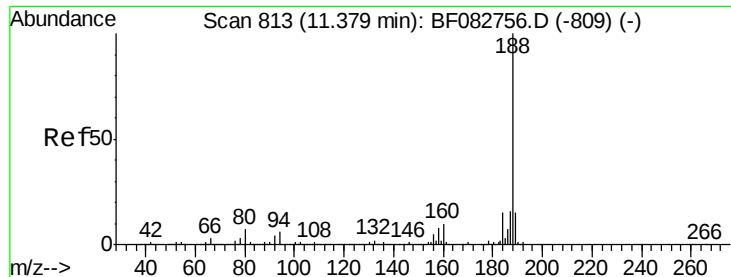
Abundance Ion 165.00 (164.70 to 165.70): E

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

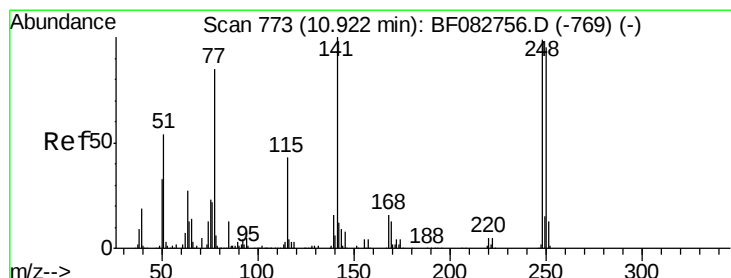
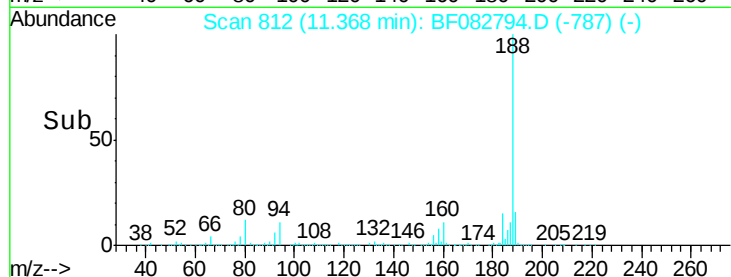
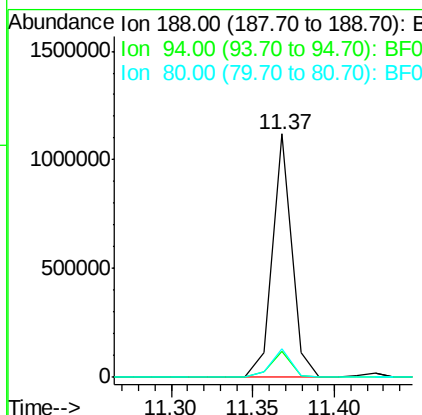
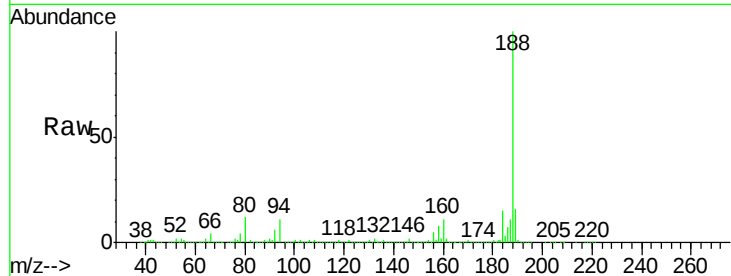




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF082794.D
 Acq: 7 Nov 2015 7:10

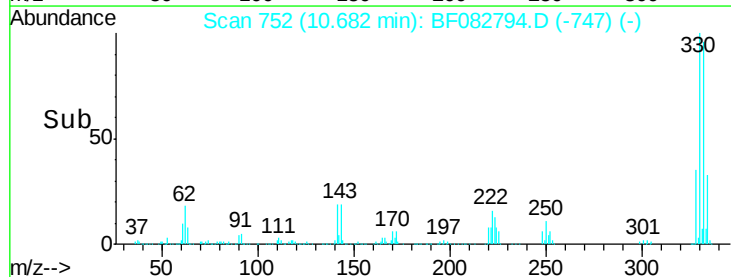
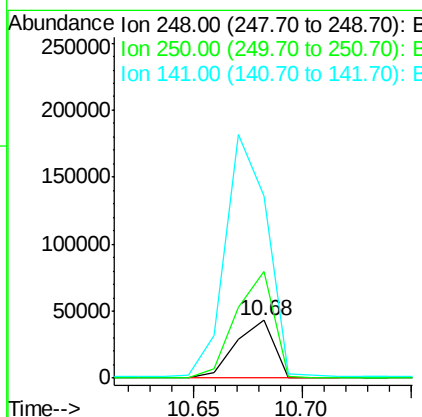
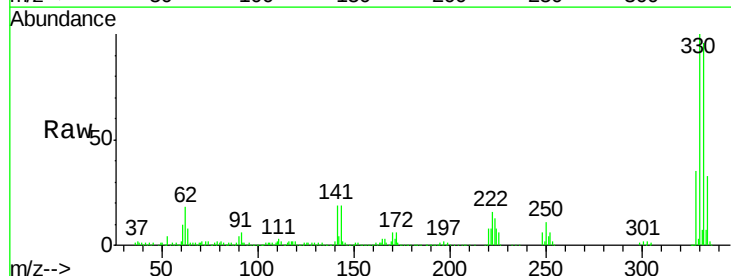
Instrument :
 BNA_F
 ClientSampleId :
 MW-01-110315

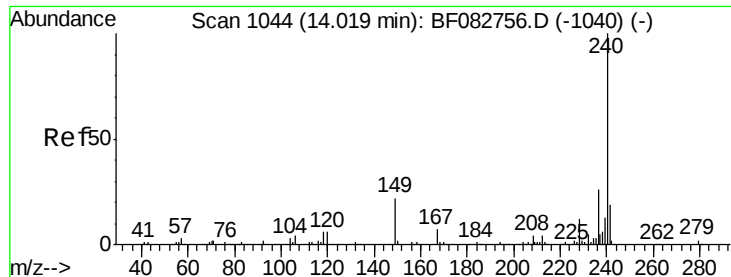
Tgt Ion:188 Resp: 927518
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.1 9.1#
 80 12.0 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.67 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF082794.D
 Acq: 7 Nov 2015 7:10

Tgt Ion:248 Resp: 52196
 Ion Ratio Lower Upper
 248 100
 250 185.3 79.4 119.2#
 141 313.9 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

MW-01-110315

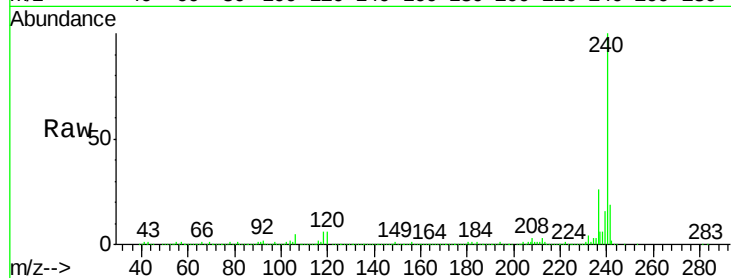
Tgt Ion:240 Resp: 857724

Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

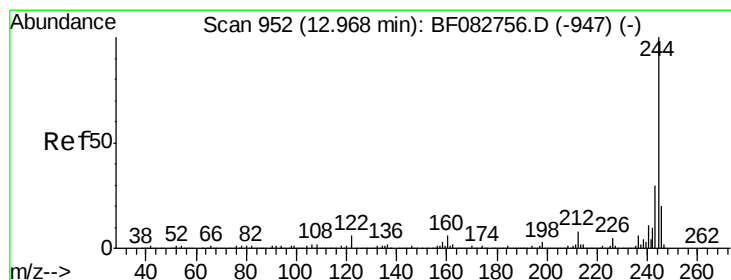
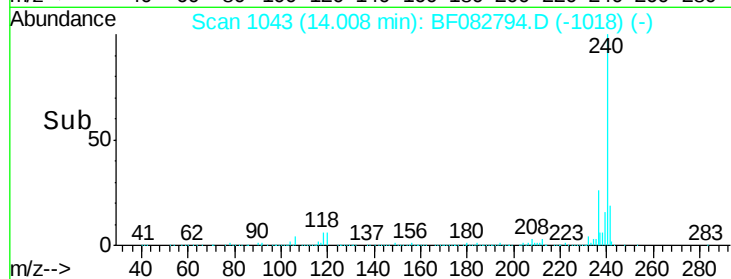
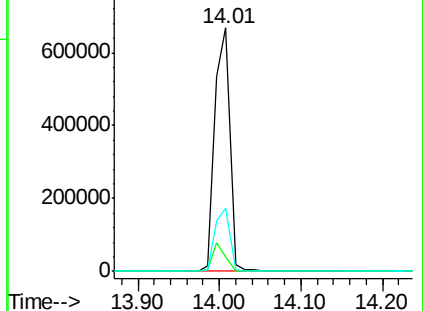
236 25.9 21.6 32.4



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: 70.52 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082794.D

Acq: 7 Nov 2015 7:10

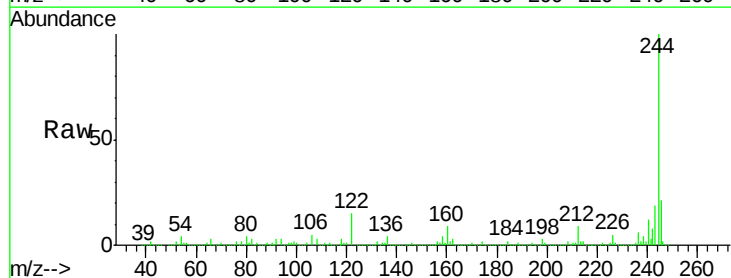
Tgt Ion:244 Resp: 2550346

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

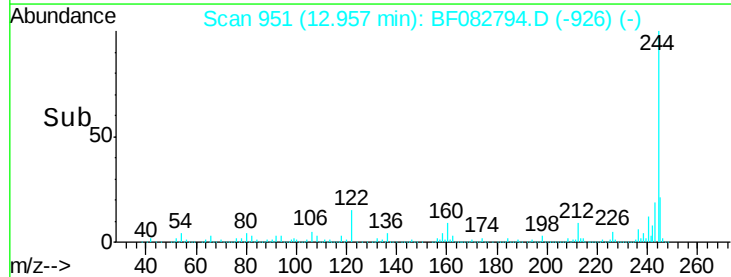
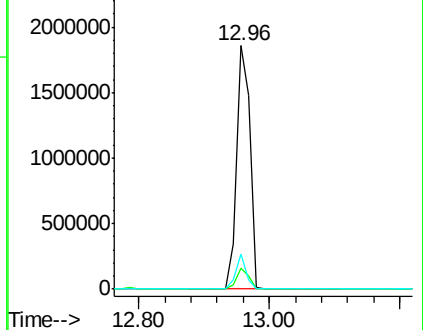
122 14.6 11.3 16.9

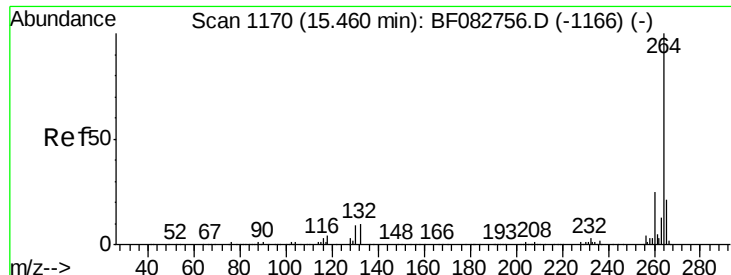


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

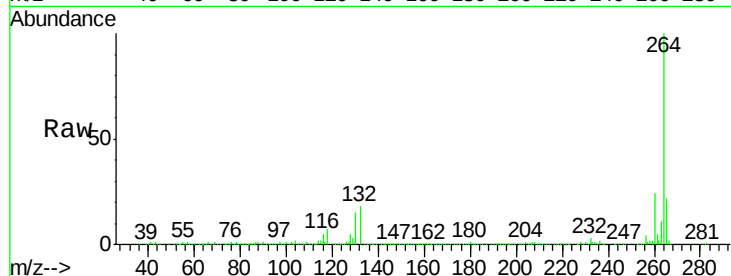




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082794.D
Acq: 7 Nov 2015 7:10

Instrument :
BNA_F
ClientSampleId :
MW-01-110315

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.1	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

