

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081822.D
 Acq On : 26 Sep 2015 12:23
 Operator : UM/IZ
 Sample : G3654-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B

Quant Time: Sep 28 03:11:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	127361	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	463740	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	217894	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	403527	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	317461	20.00	ng	-0.01
86) Perylene-d12	15.58	264	276332	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	422674	56.14	ng	-0.01
7) Phenol-d6	6.55	99	323813	34.01	ng	-0.02
23) Nitrobenzene-d5	7.50	82	626515	89.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	284888	150.60	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1167227	87.94	ng	-0.01
78) Terphenyl-d14	13.05	244	927388	66.73	ng	-0.01

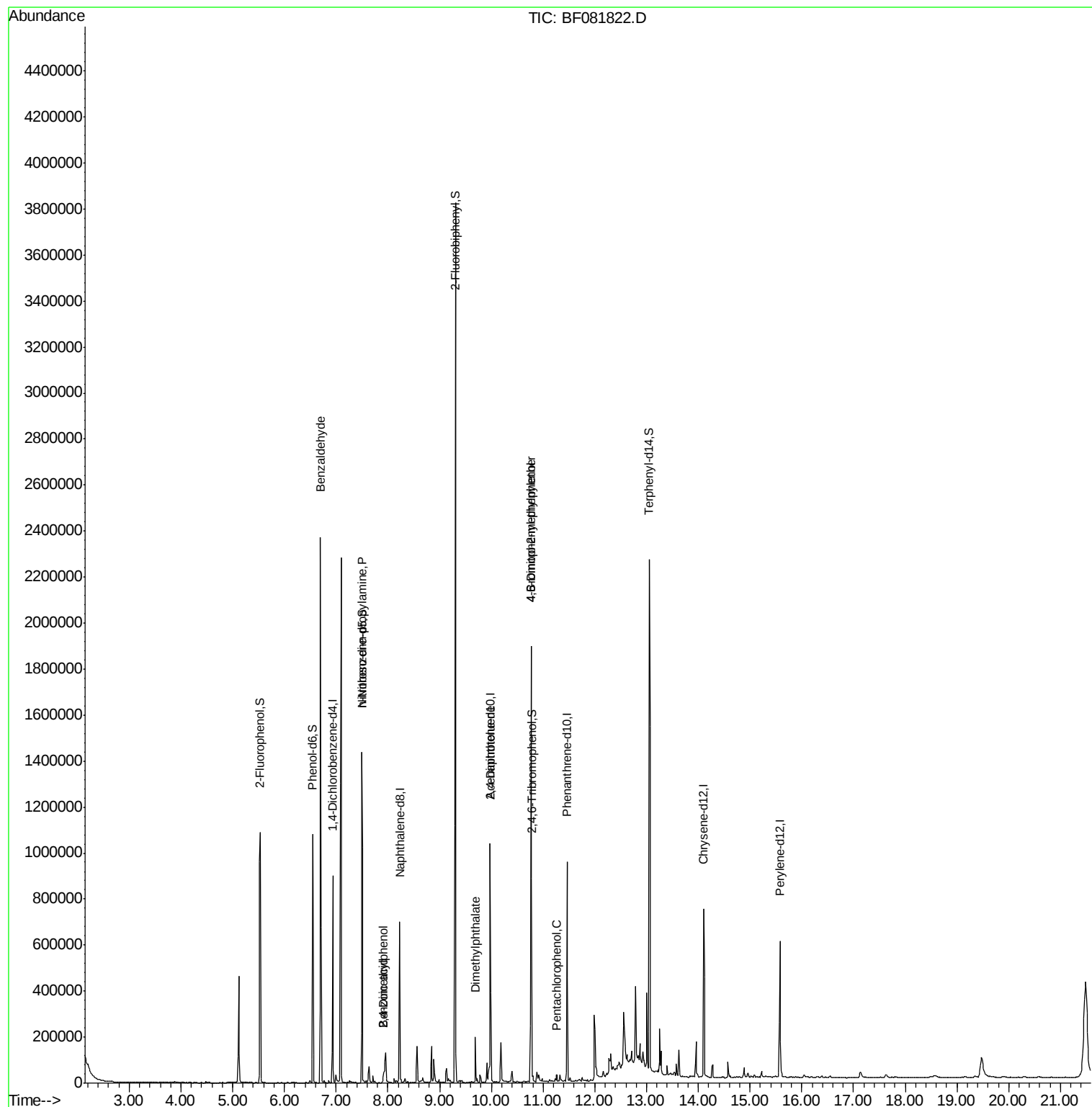
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	15453	2.74	ng	# 57
19) n-Nitroso-di-n-propylamine	7.50	70	82927	13.06	ng	# 61
27) 2,4-Dimethylphenol	7.92	122	17787	2.52	ng	# 12
32) Benzoic acid	7.92	122	17787	12.94	ng	# 60
49) Dimethylphthalate	9.69	163	76175	4.59	ng	# 97
56) 2,4-Dinitrotoluene	9.98	165	28811	7.52	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.77	198	442	8.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	17267	3.84	ng	# 1
69) Pentachlorophenol	11.27	266	5978	7.79	ng	95

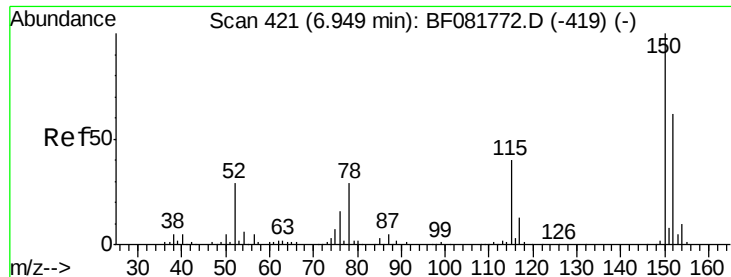
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081822.D

Acq: 26 Sep 2015 12:23

Instrument :

BNA_F

ClientSampleId :

MW-1B

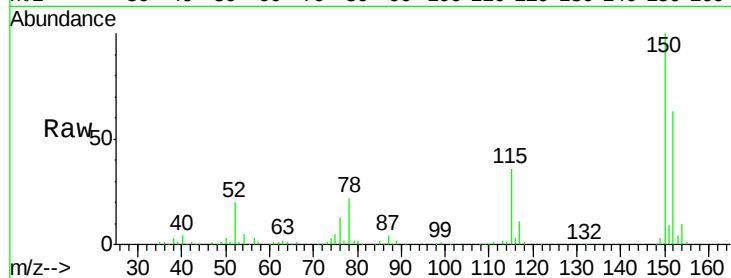
Tgt Ion:152 Resp: 127361

Ion Ratio Lower Upper

152 100

150 158.0 124.7 187.1

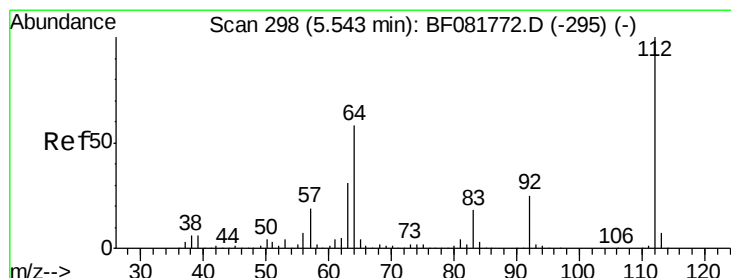
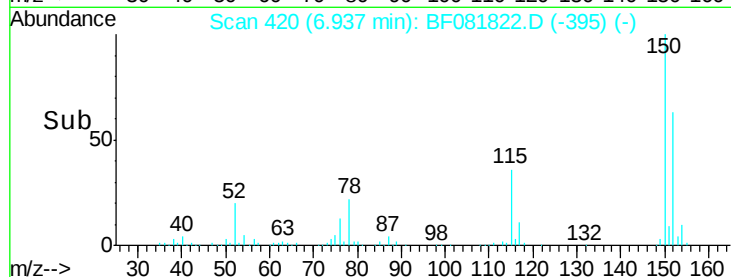
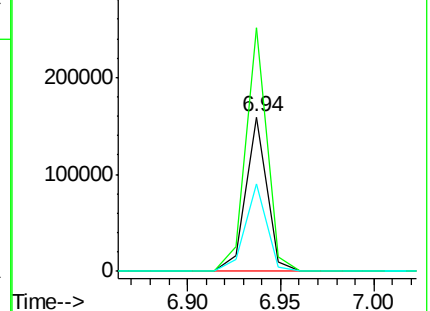
115 57.1 39.0 58.4



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: 56.14 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081822.D

Acq: 26 Sep 2015 12:23

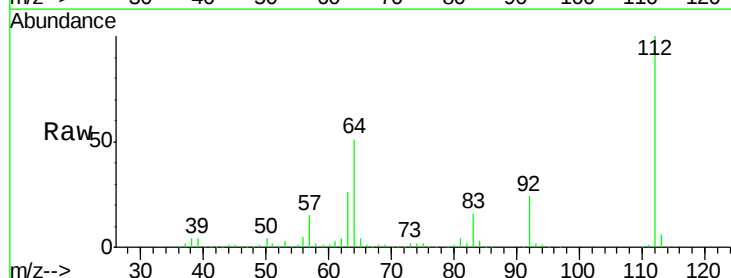
Tgt Ion:112 Resp: 422674

Ion Ratio Lower Upper

112 100

64 50.9 39.7 59.5

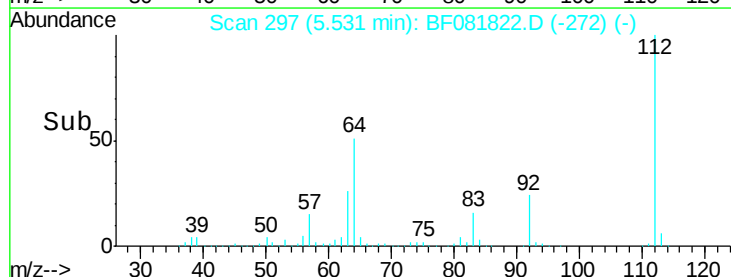
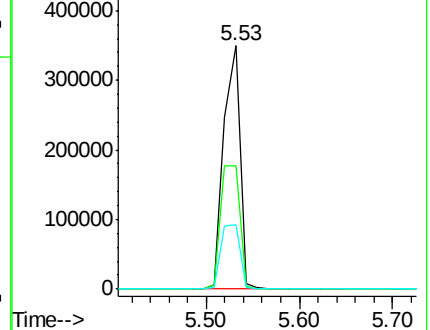
63 26.2 17.4 26.0#

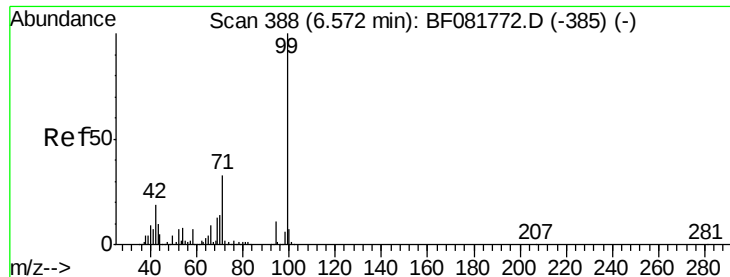


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.01 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081822.D

Acq: 26 Sep 2015 12:23

Instrument :

BNA_F

ClientSampled :

MW-1B

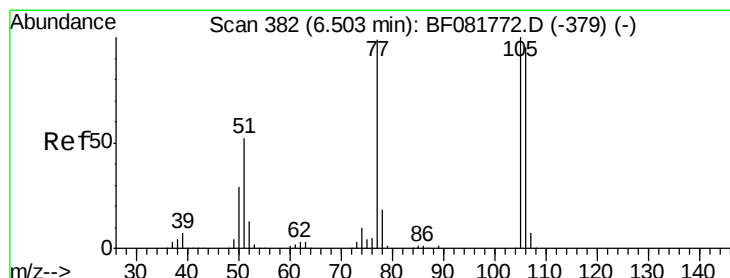
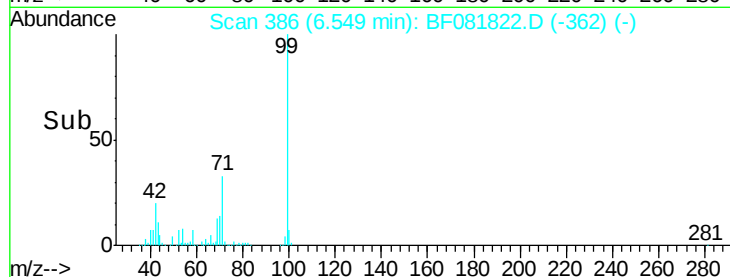
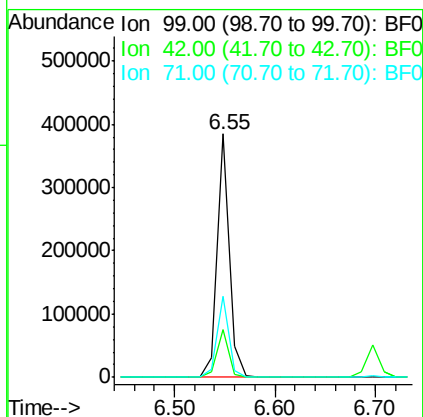
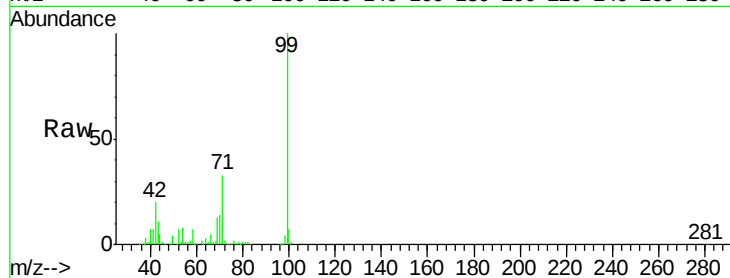
Tgt Ion: 99 Resp: 323813

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

71 33.2 14.2 21.2#



#9

Benzaldehyde

Concen: 2.74 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.19 min

Lab File: BF081822.D

Acq: 26 Sep 2015 12:23

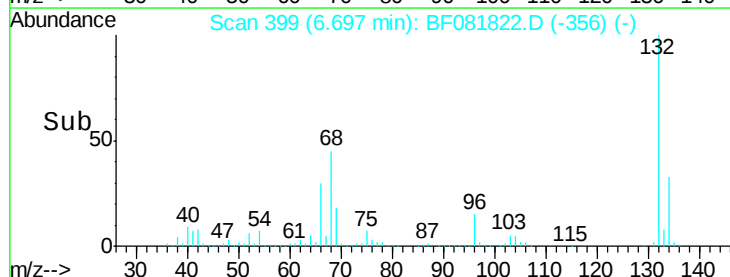
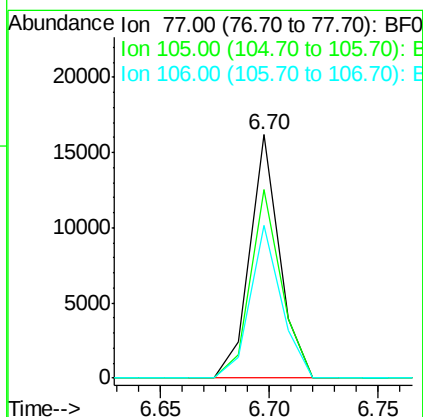
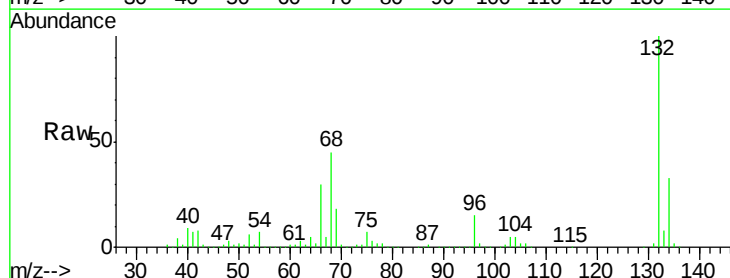
Tgt Ion: 77 Resp: 15453

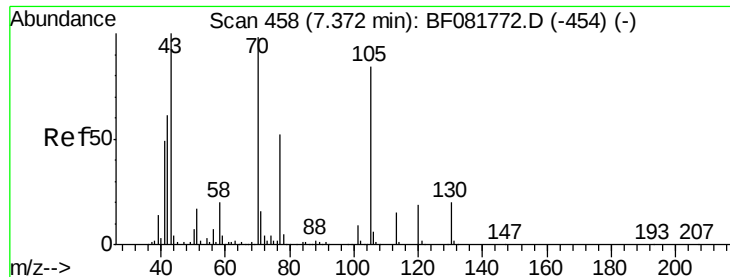
Ion Ratio Lower Upper

77 100

105 77.2 91.6 131.6#

106 63.0 102.6 142.6#

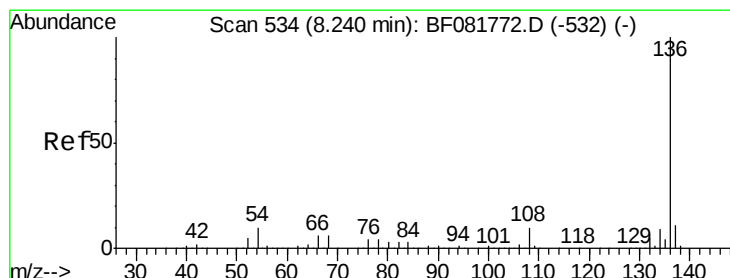
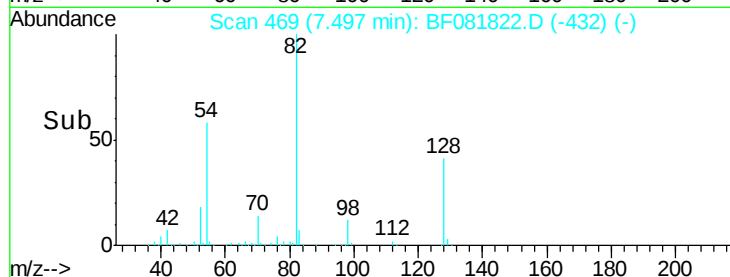
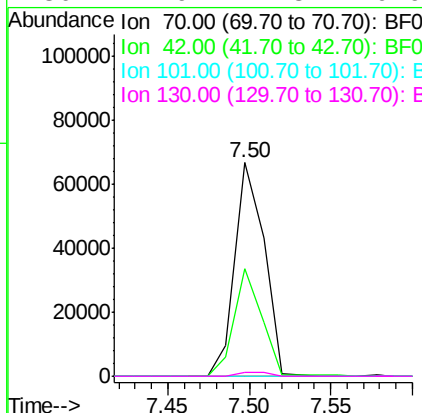
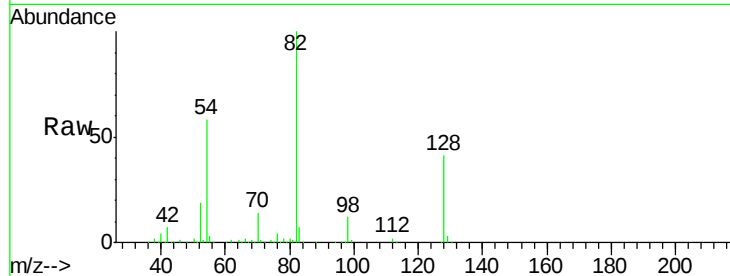




#19
n-Nitroso-di-n-propylamine
Concen: 13.06 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

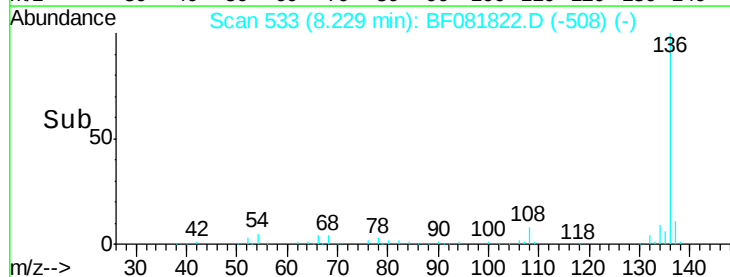
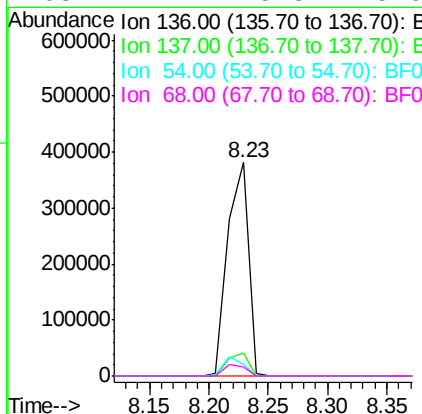
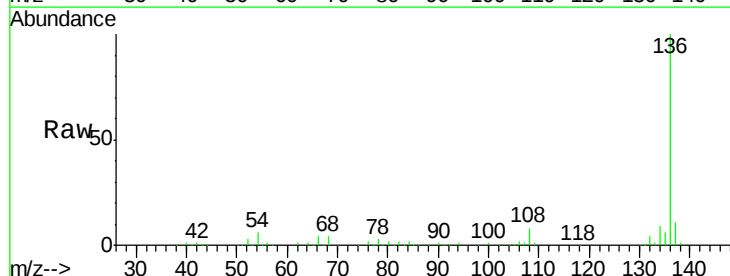
Instrument :
BNA_F
ClientSampled :
MW-1B

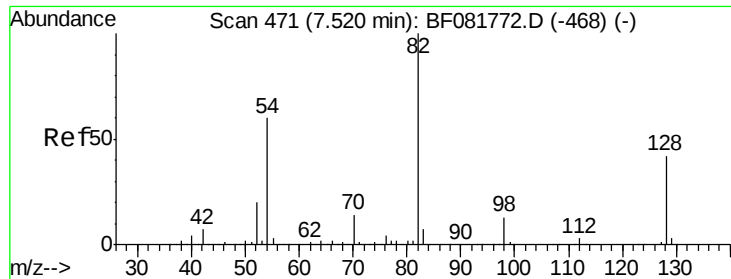
Tgt Ion: 70 Resp: 82927
Ion Ratio Lower Upper
70 100
42 50.4 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Tgt Ion: 136 Resp: 463740
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 5.6 8.2 12.2#
68 4.1 5.8 8.6#

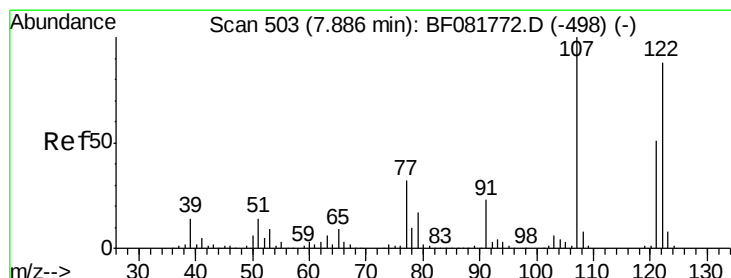
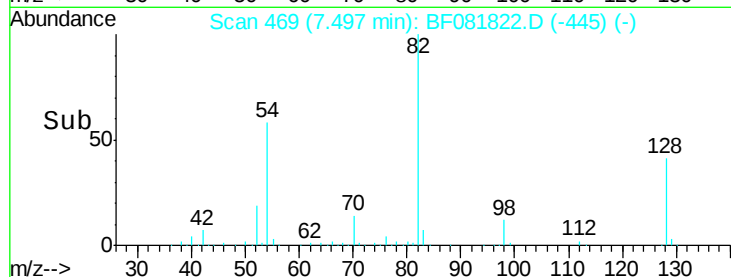
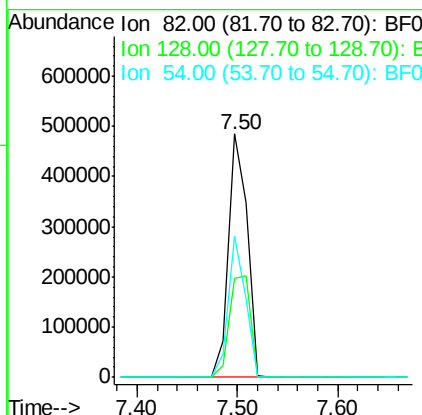
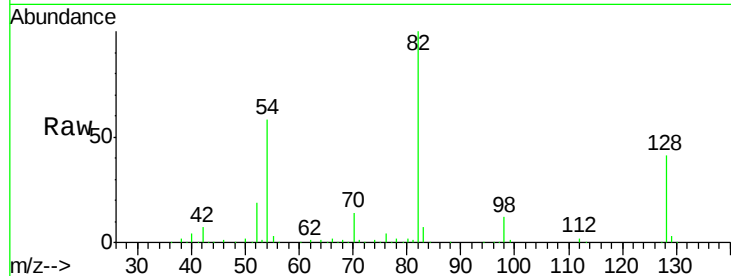




#23
 Nitrobenzene-d5
 Concen: 89.14 ng
 RT: 7.50 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081822.D
 Acq: 26 Sep 2015 12:23

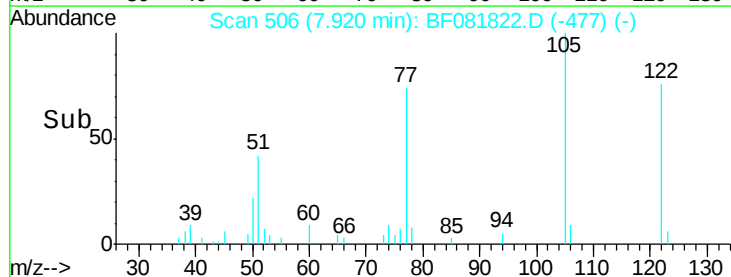
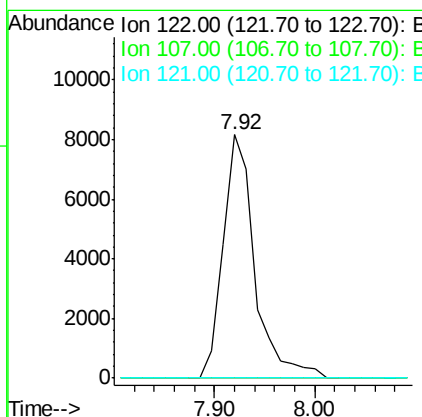
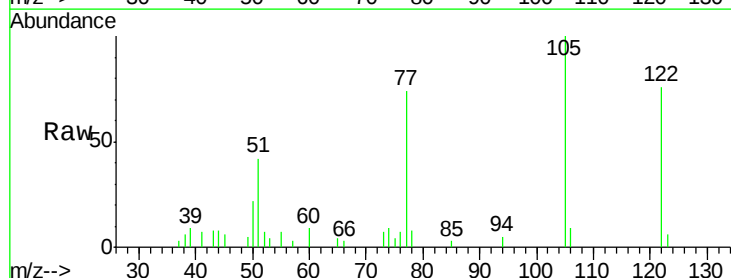
Instrument :
 BNA_F
 ClientSampleId :
 MW-1B

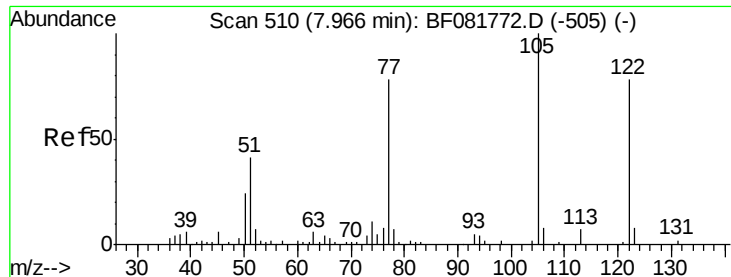
Tgt Ion: 82 Resp: 626515
 Ion Ratio Lower Upper
 82 100
 128 40.6 51.0 76.6#
 54 58.1 47.5 71.3



#27
 2,4-Dimethylphenol
 Concen: 2.52 ng
 RT: 7.92 min Scan# 506
 Delta R.T. 0.03 min
 Lab File: BF081822.D
 Acq: 26 Sep 2015 12:23

Tgt Ion: 122 Resp: 17787
 Ion Ratio Lower Upper
 122 100
 107 0.0 71.8 107.6#
 121 0.0 42.3 63.5#

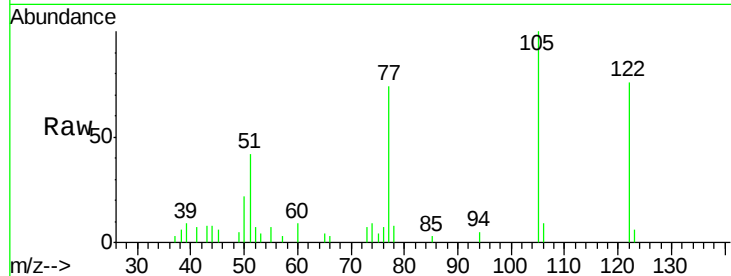




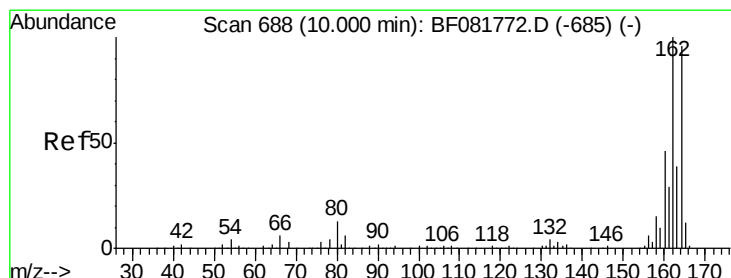
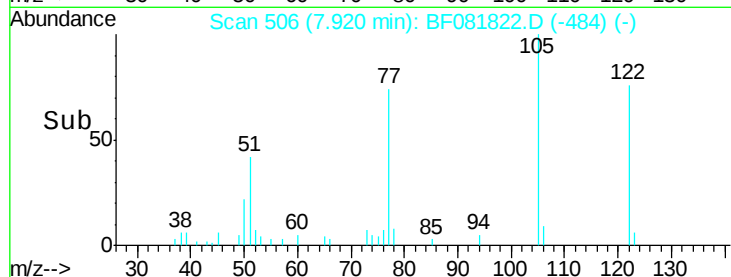
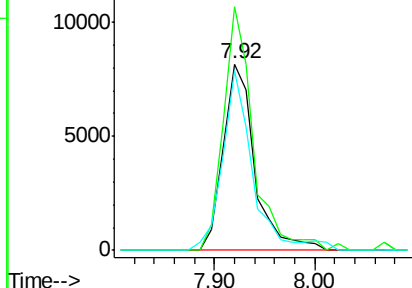
#32
Benzoic acid
Concen: 12.94 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Instrument :
BNA_F
ClientSampleId :
MW-1B

Tgt Ion:122 Resp: 17787
Ion Ratio Lower Upper
122 100
105 130.8 76.1 116.1#
77 96.5 40.5 80.5#

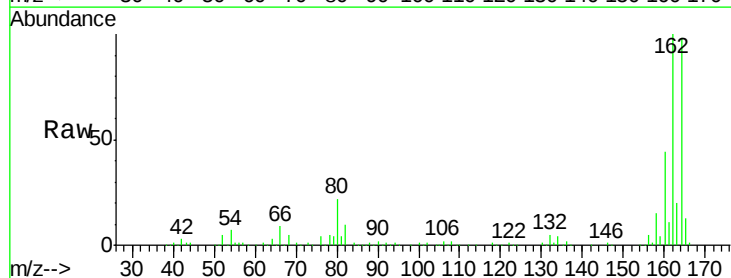


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

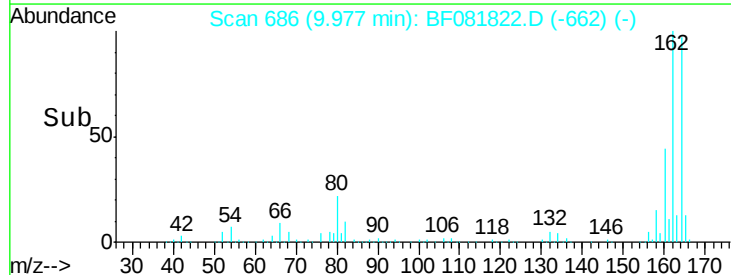
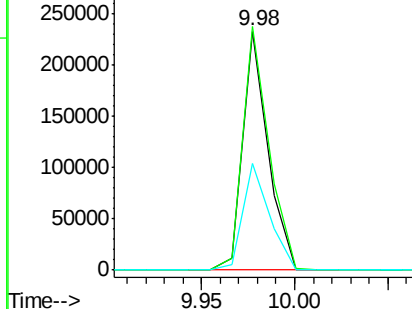


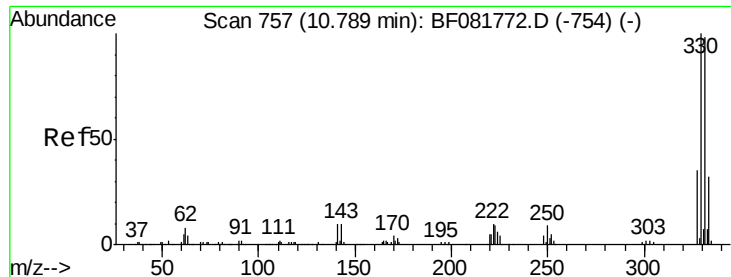
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Tgt Ion:164 Resp: 217894
Ion Ratio Lower Upper
164 100
162 102.1 75.2 112.8
160 44.6 31.5 47.3



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

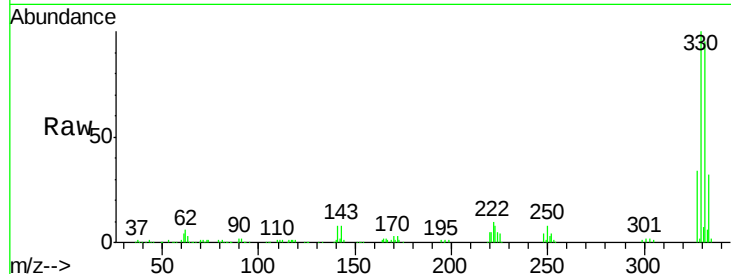




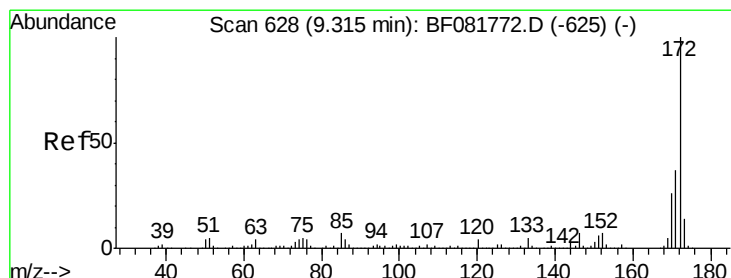
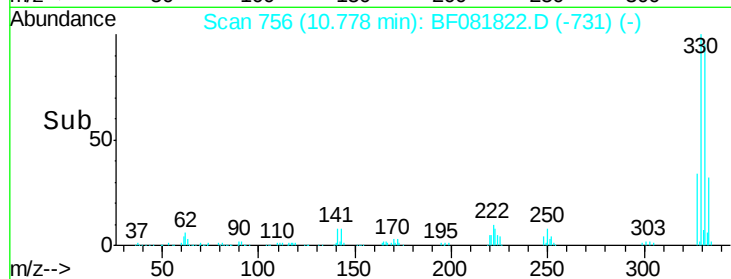
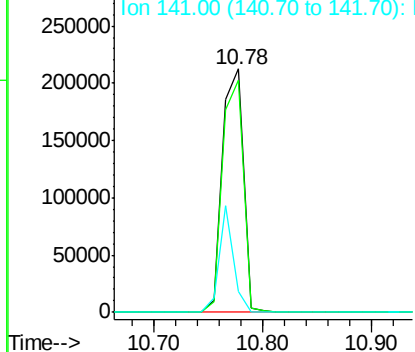
#41
 2,4,6-Tribromophenol
 Concen: 150.60 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081822.D
 Acq: 26 Sep 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-1B

Tgt Ion:330 Resp: 284888
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 30.2 29.7 44.5

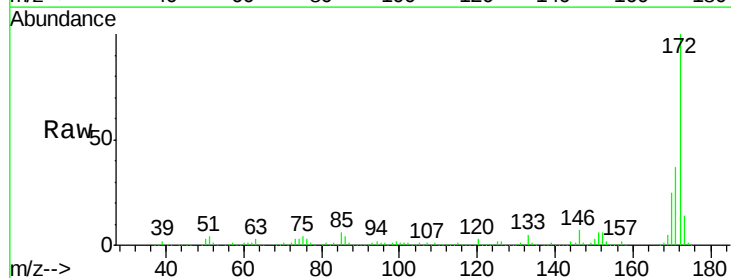


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

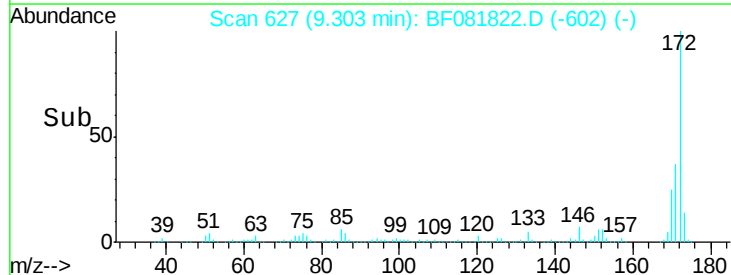
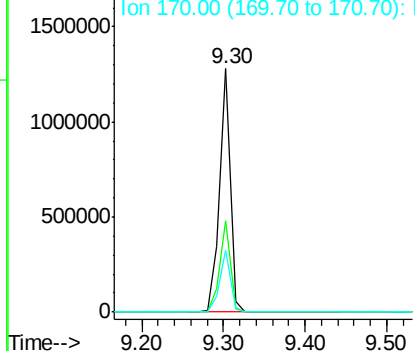


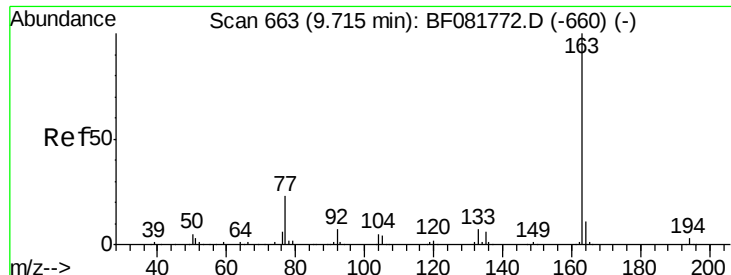
#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081822.D
 Acq: 26 Sep 2015 12:23

Tgt Ion:172 Resp: 1167227
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.2 17.4 26.2



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

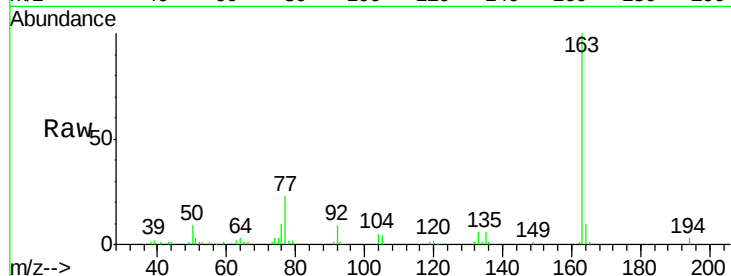




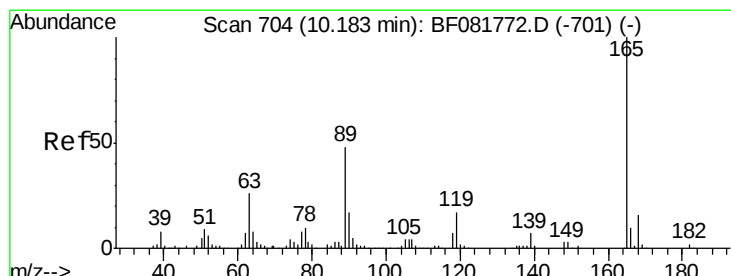
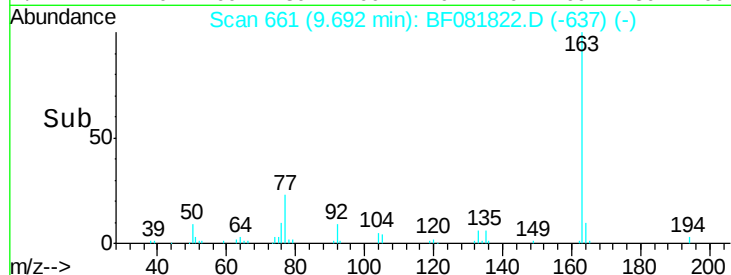
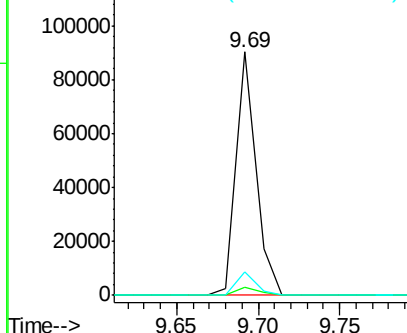
#49
Dimethylphthalate
Concen: 4.59 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Instrument :
BNA_F
ClientSampleId :
MW-1B

Tgt Ion:163 Resp: 76175
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 9.8 8.3 12.5

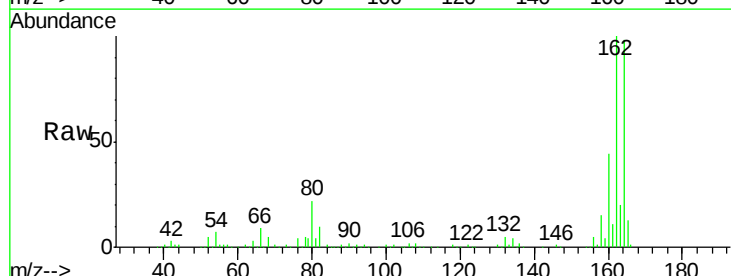


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

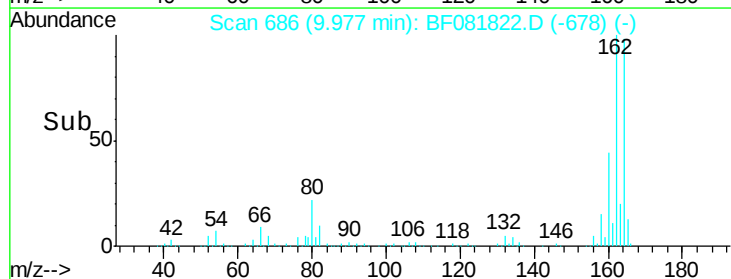
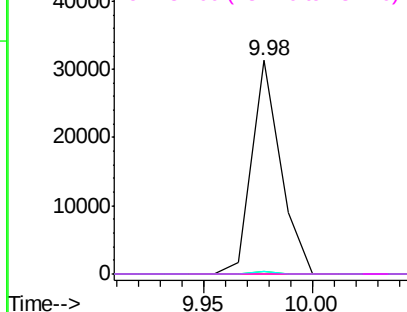


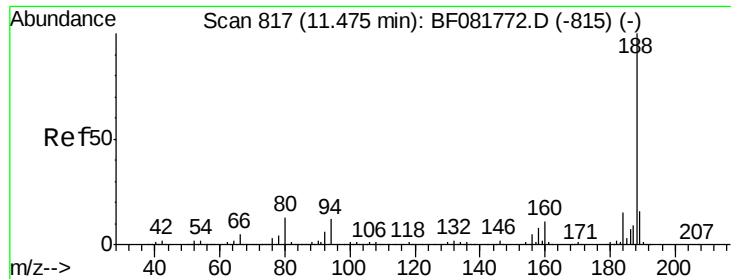
#56
2,4-Dinitrotoluene
Concen: 7.52 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Tgt Ion:165 Resp: 28811
Ion Ratio Lower Upper
165 100
63 1.4 29.8 44.6#
89 1.4 44.5 66.7#
182 0.0 3.0 4.4#



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

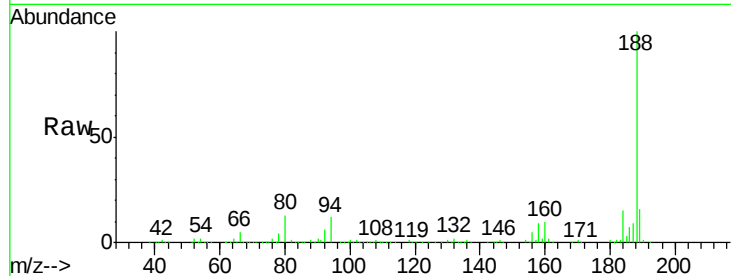




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Instrument :
BNA_F
ClientSampleId :
MW-1B

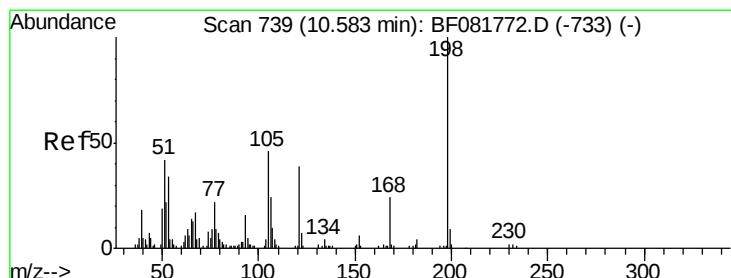
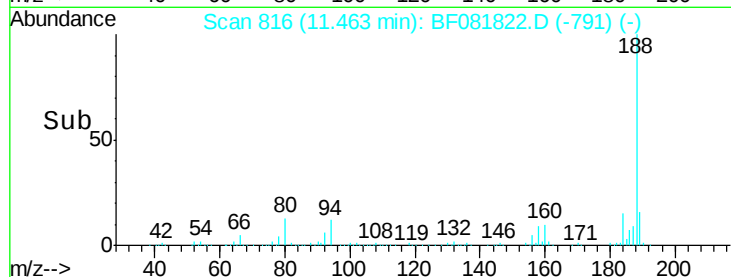
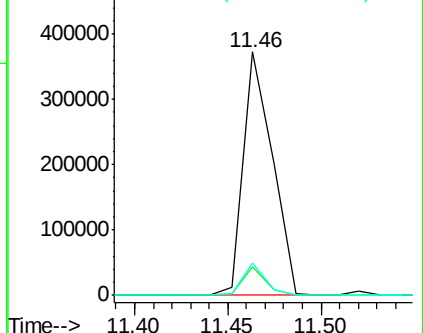
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	11.1	16.7
80	13.3	11.0	16.4



Abundance Ion 188.00 (187.70 to 188.70): E

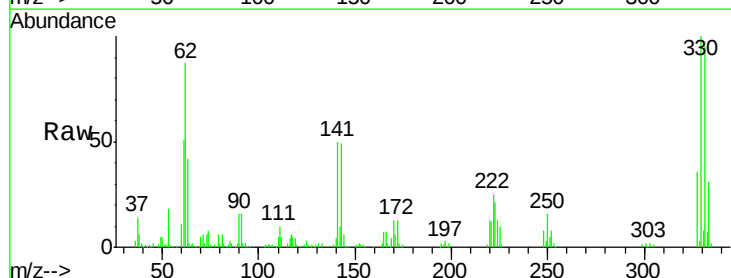
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 8.16 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.18 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

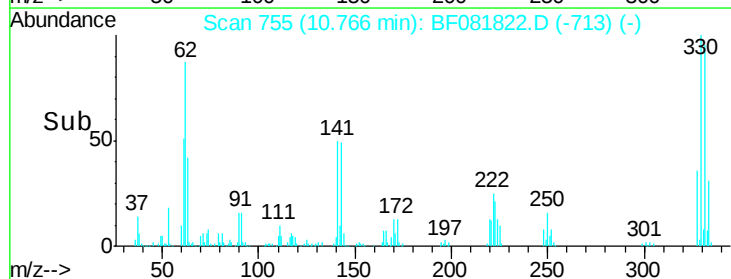
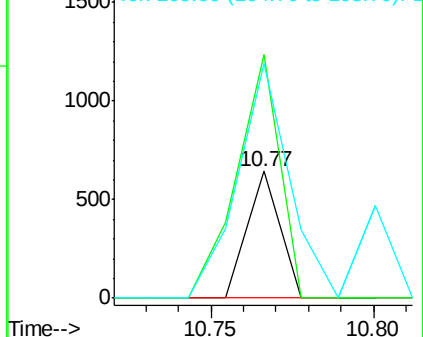
Tgt Ion	Ratio	Lower	Upper
198	100		
51	191.8	39.6	79.6#
105	185.1	28.5	68.5#

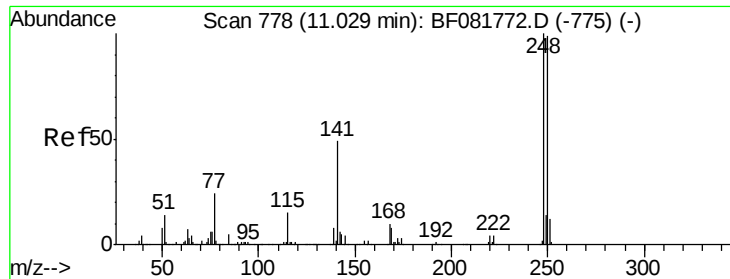


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

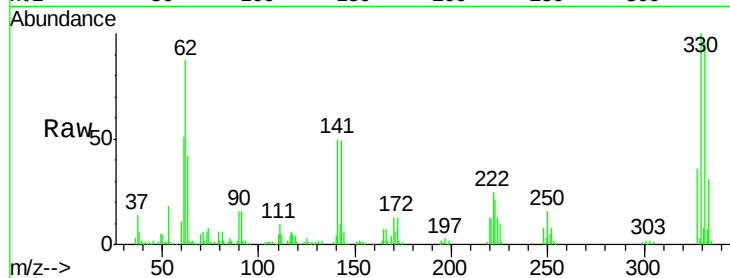




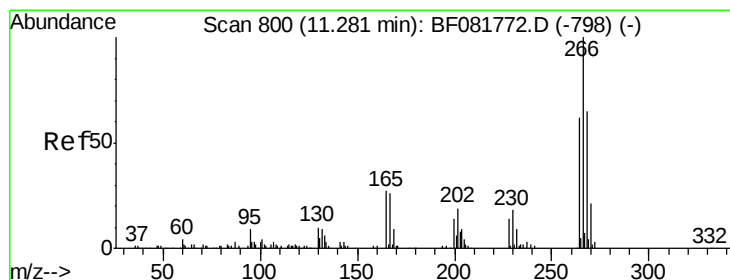
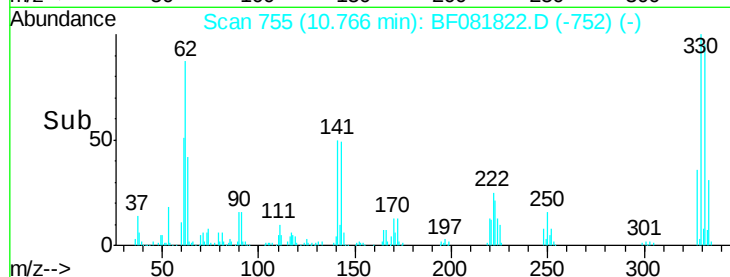
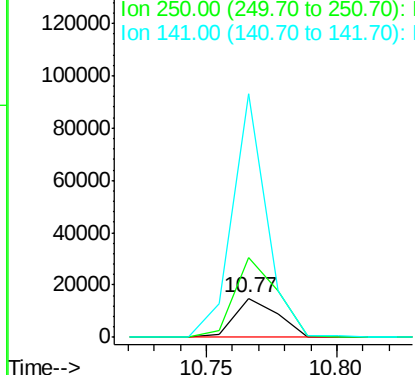
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.26 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Instrument :
BNA_F
ClientSampleId :
MW-1B

Tgt Ion:248 Resp: 17267
Ion Ratio Lower Upper
248 100
250 203.4 78.5 117.7#
141 623.5 59.0 88.6#

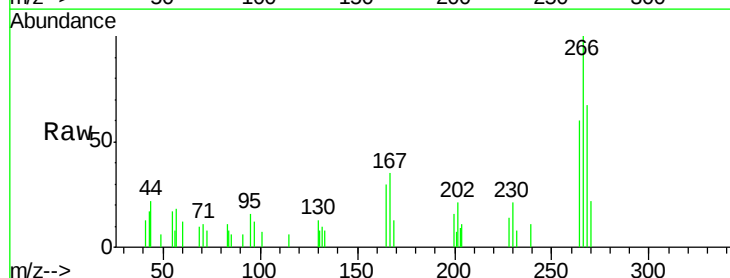


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

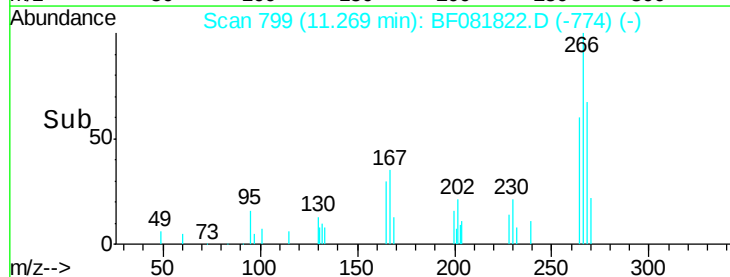
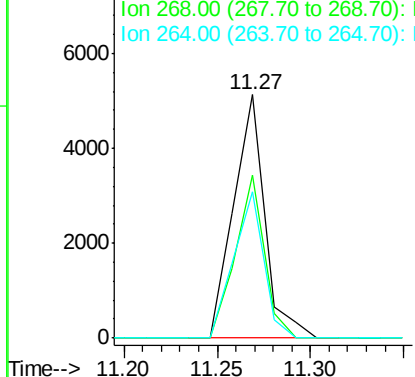


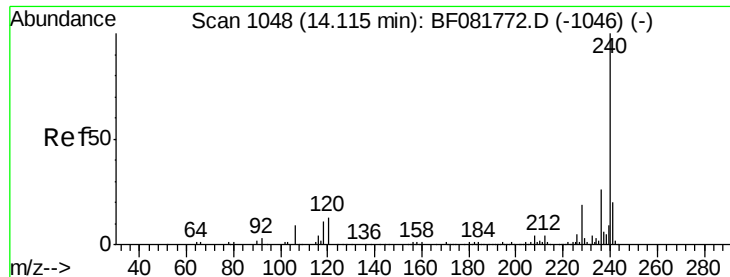
#69
Pentachlorophenol
Concen: 7.79 ng
RT: 11.27 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Tgt Ion:266 Resp: 5978
Ion Ratio Lower Upper
266 100
268 66.9 49.8 74.6
264 59.9 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081822.D

Acq: 26 Sep 2015 12:23

Instrument :

BNA_F

ClientSampleId :

MW-1B

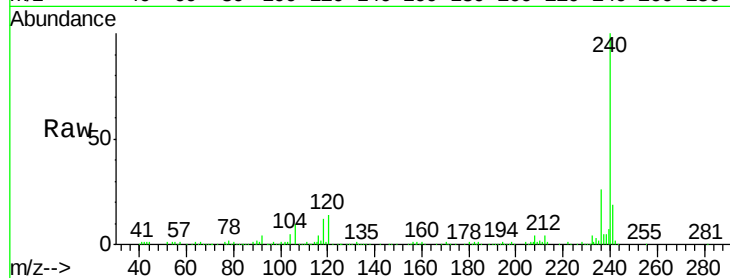
Tgt Ion:240 Resp: 317461

Ion Ratio Lower Upper

240 100

120 13.9 16.2 24.2#

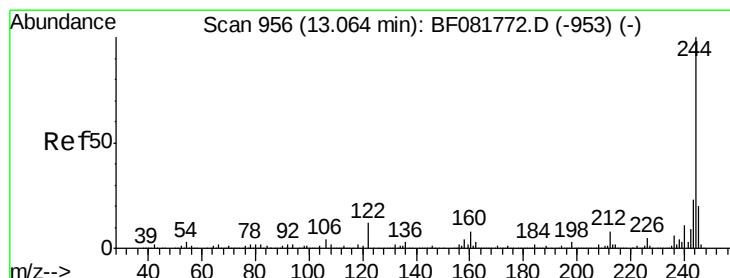
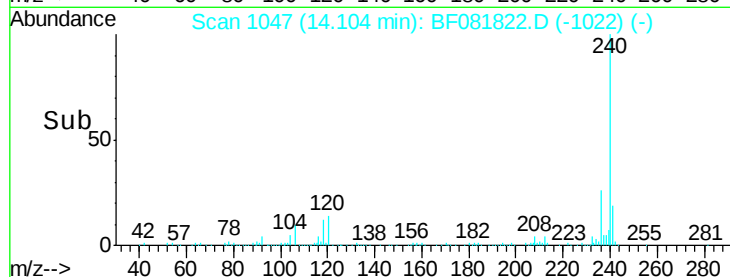
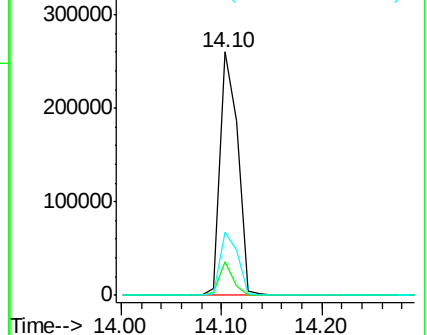
236 25.8 18.4 27.6



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: 66.73 ng

RT: 13.05 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF081822.D

Acq: 26 Sep 2015 12:23

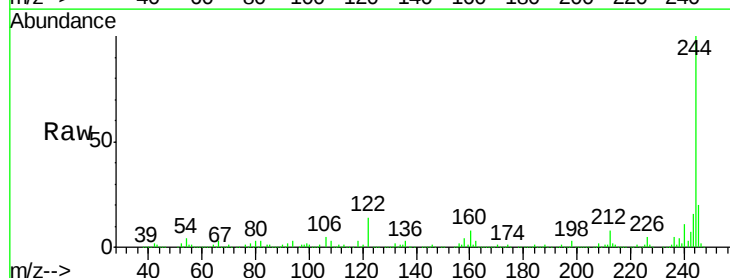
Tgt Ion:244 Resp: 927388

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

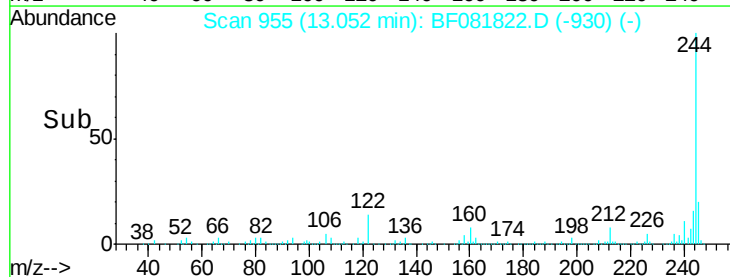
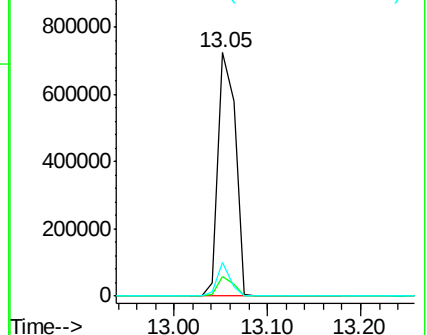
122 13.6 17.4 26.2#

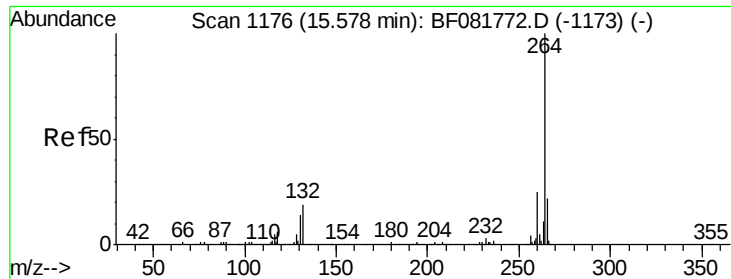


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081822.D
Acq: 26 Sep 2015 12:23

Instrument :
BNA_F
ClientSampleId :
MW-1B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.8	17.2	25.8

