

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081797.D
 Acq On : 25 Sep 2015 9:40
 Operator : UM/IZ
 Sample : G3704-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-9-15-15

Quant Time: Sep 25 11:23:26 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

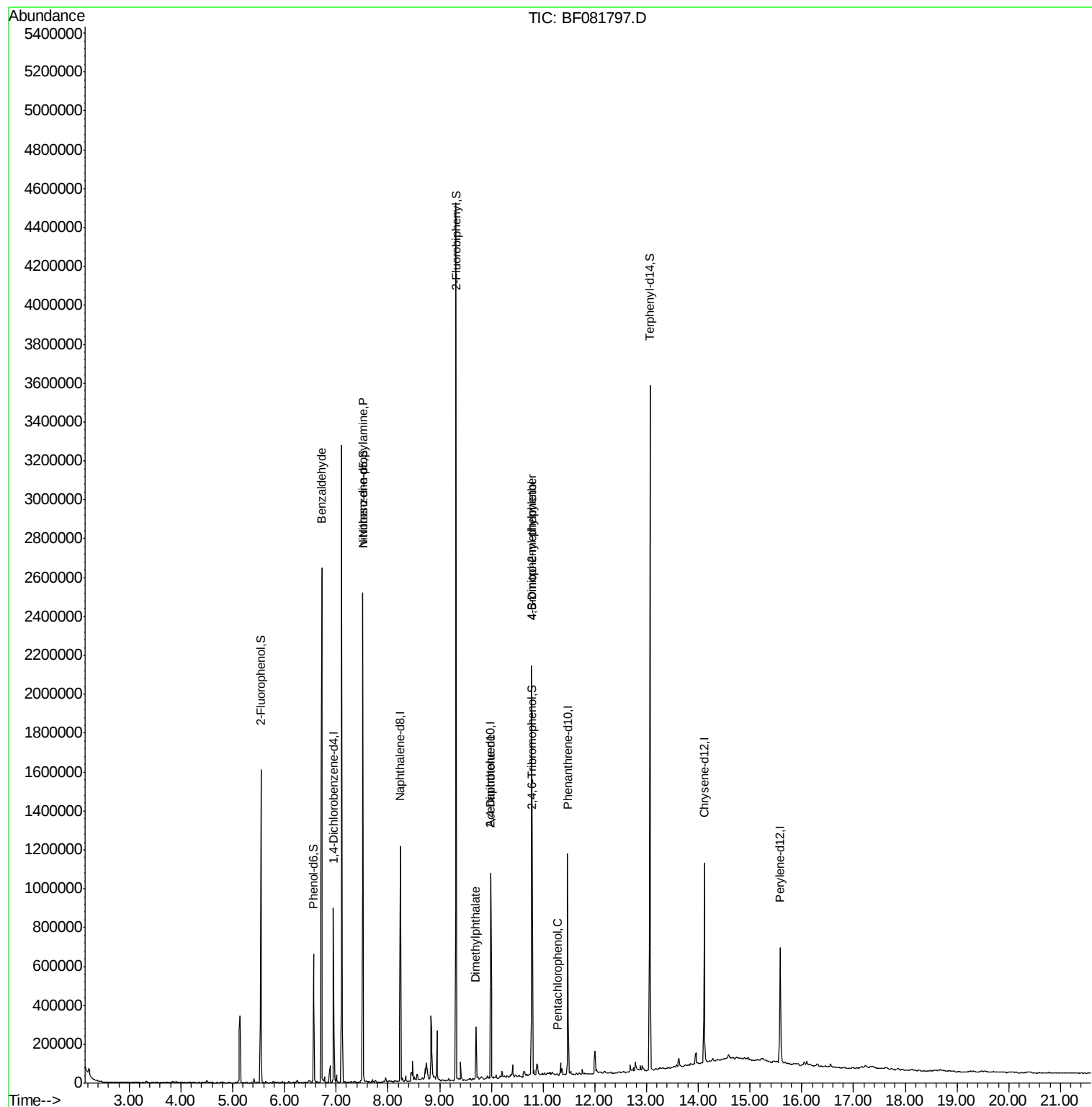
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	132029	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	520336	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	231194	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	403075	20.00	ng	0.00
75) Chrysene-d12	14.12	240	349920	20.00	ng	0.00
86) Perylene-d12	15.58	264	336608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	383049	49.08	ng	0.00
7) Phenol-d6	6.56	99	280117	28.38	ng	-0.01
23) Nitrobenzene-d5	7.52	82	825509	104.68	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	328218	163.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1297253	92.11	ng	0.00
78) Terphenyl-d14	13.06	244	1052341	68.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	19713	3.38	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	114469	17.39	ng	# 60
49) Dimethylphthalate	9.70	163	96615	5.49	ng	# 97
56) 2,4-Dinitrotoluene	9.99	165	29304	7.21	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.78	198	779	8.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	19868	4.43	ng	# 1
69) Pentachlorophenol	11.28	266	608	5.86	ng	# 79

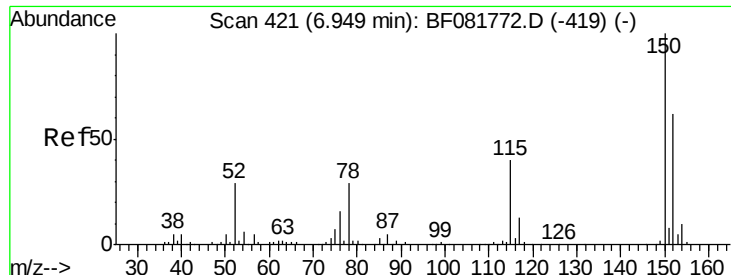
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081797.D

Acq: 25 Sep 2015 9:40

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

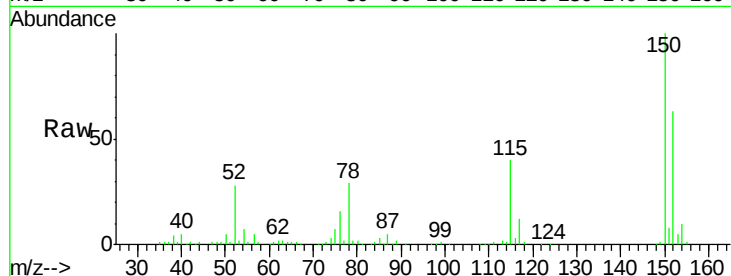
Tgt Ion:152 Resp: 132029

Ion Ratio Lower Upper

152 100

150 159.9 124.7 187.1

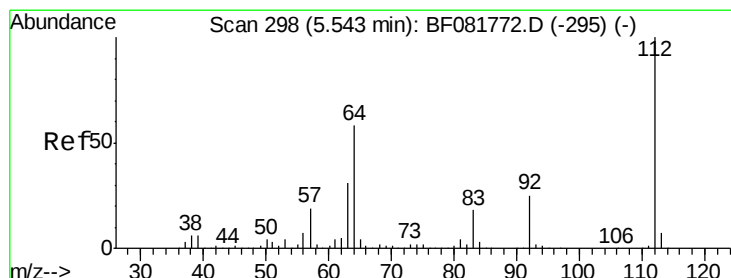
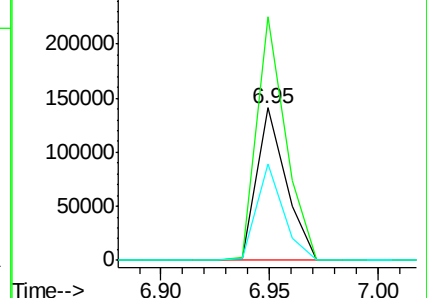
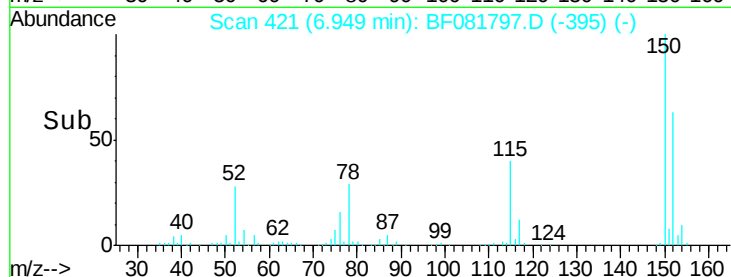
115 63.7 39.0 58.4#



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: 49.08 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081797.D

Acq: 25 Sep 2015 9:40

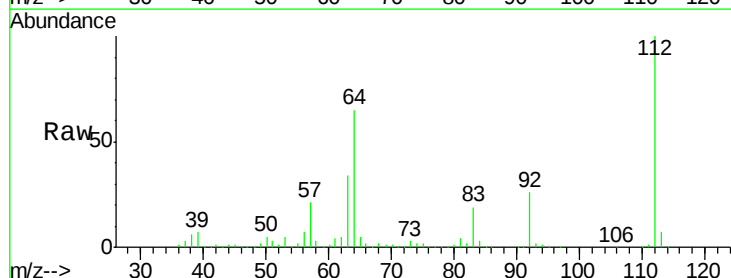
Tgt Ion:112 Resp: 383049

Ion Ratio Lower Upper

112 100

64 65.4 39.7 59.5#

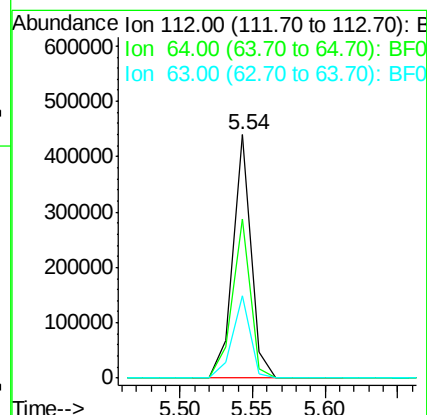
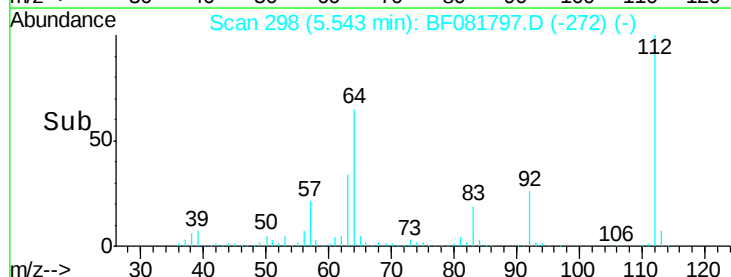
63 33.7 17.4 26.0#



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: 28.38 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081797.D

Acq: 25 Sep 2015 9:40

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

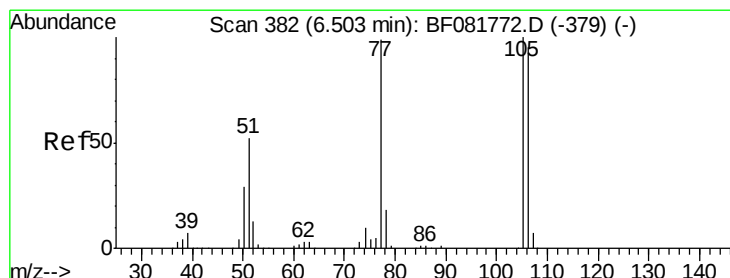
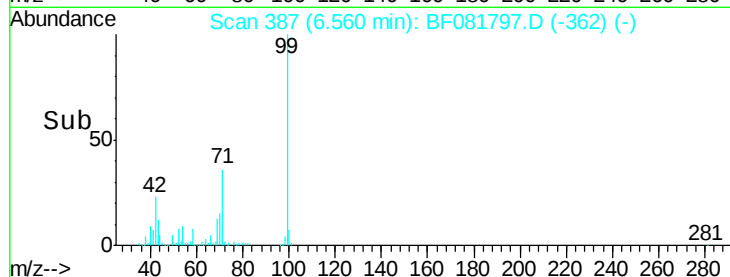
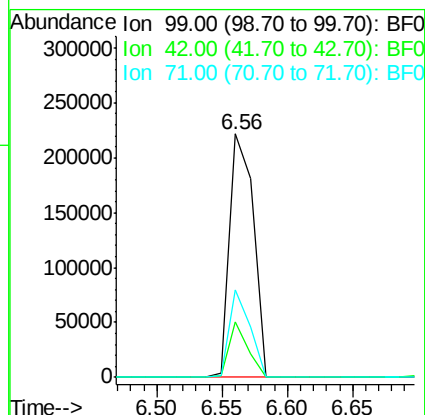
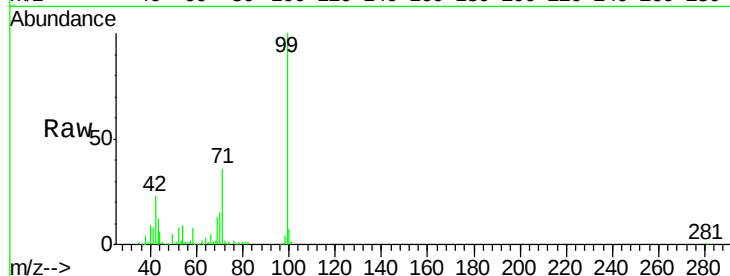
Tgt Ion: 99 Resp: 280117

Ion Ratio Lower Upper

99 100

42 22.9 13.7 20.5#

71 35.9 14.2 21.2#



#9

Benzaldehyde

Concen: 3.38 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.22 min

Lab File: BF081797.D

Acq: 25 Sep 2015 9:40

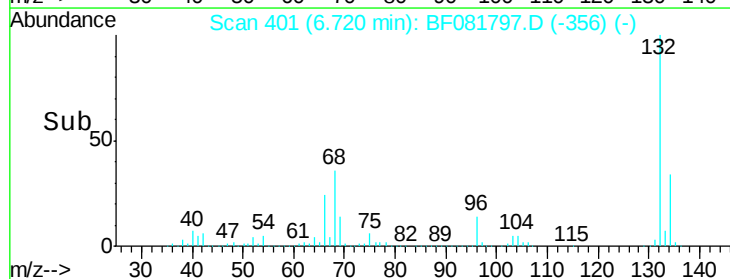
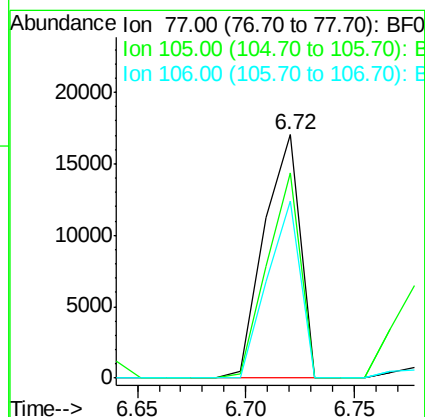
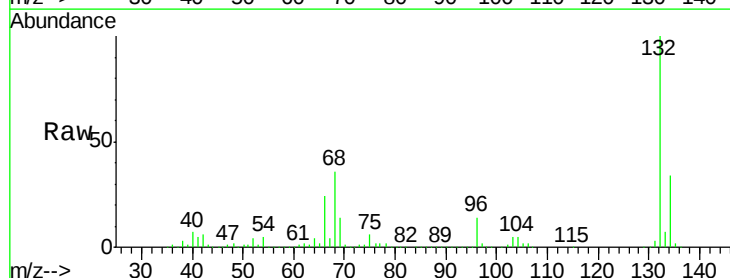
Tgt Ion: 77 Resp: 19713

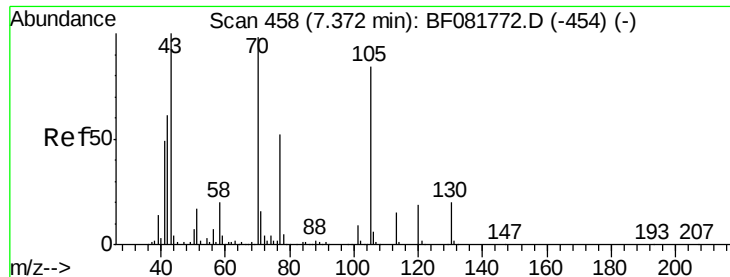
Ion Ratio Lower Upper

77 100

105 84.1 91.6 131.6#

106 72.7 102.6 142.6#

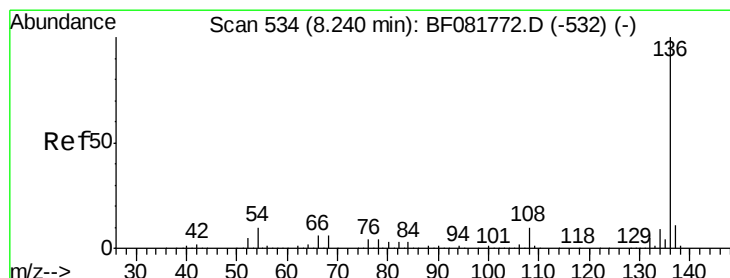
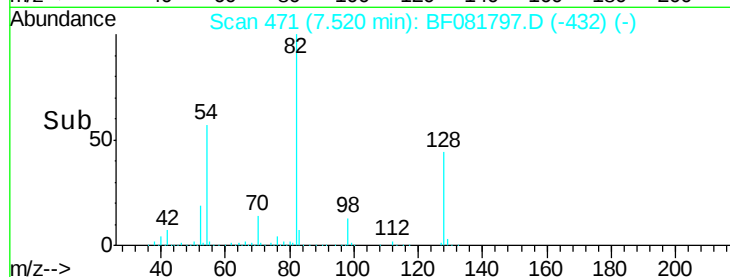
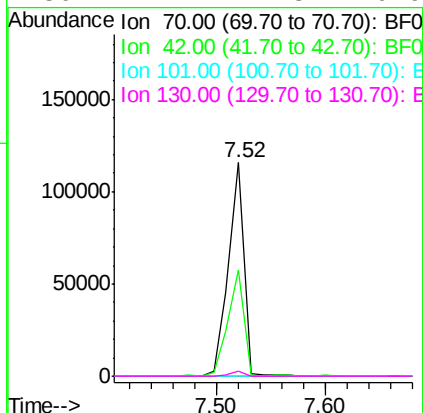
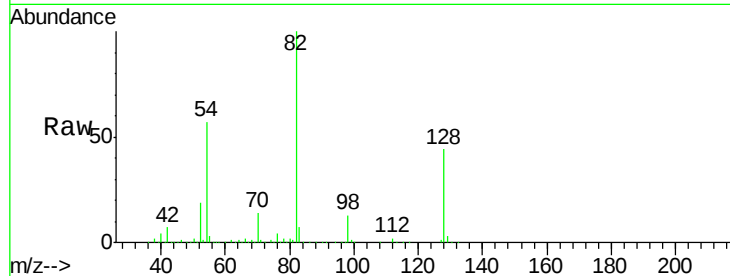




#19
n-Nitroso-di-n-propylamine
Concen: 17.39 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

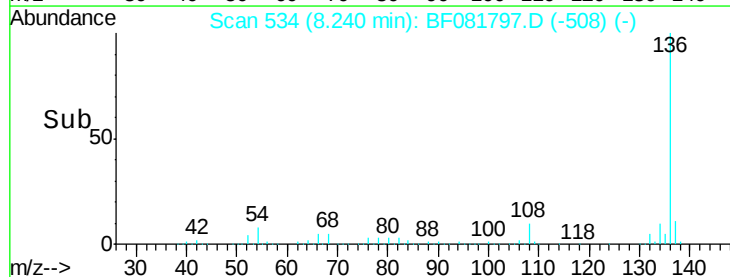
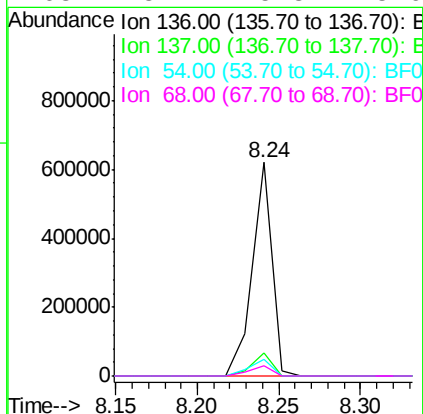
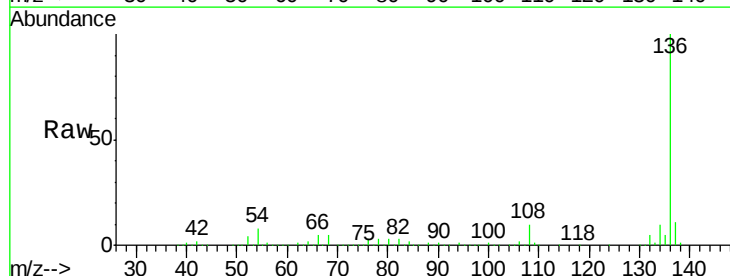
Instrument :
BNA_F
ClientSampleId :
MW-5-9-15-15

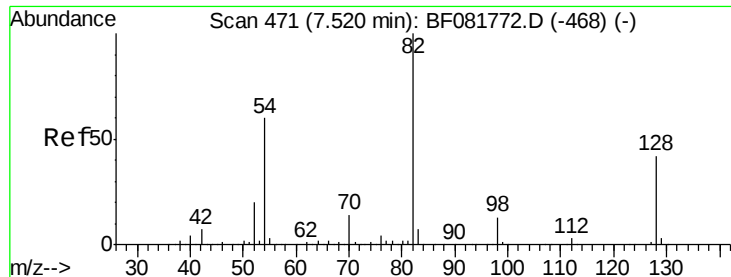
Tgt Ion: 70 Resp: 114469
Ion Ratio Lower Upper
70 100
42 49.7 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

Tgt Ion: 136 Resp: 520336
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.6 8.2 12.2#
68 5.1 5.8 8.6#

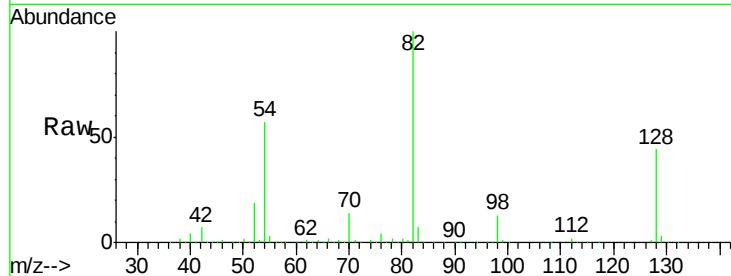




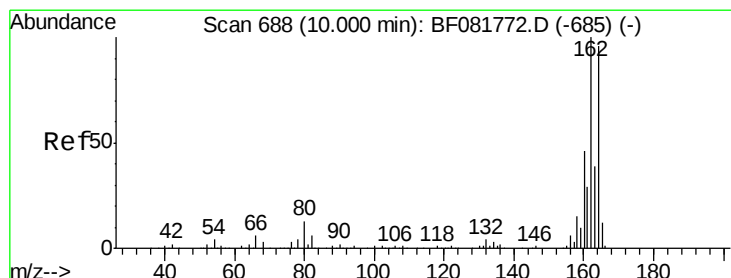
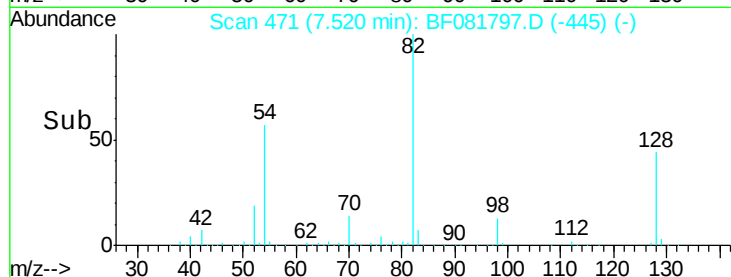
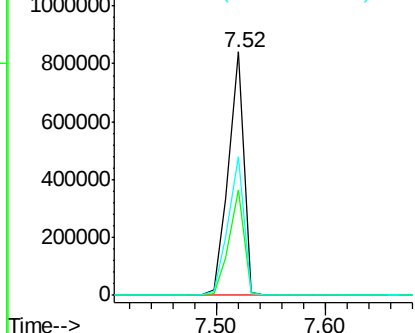
#23
 Nitrobenzene-d5
 Concen: 104.68 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081797.D
 Acq: 25 Sep 2015 9:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-9-15-15

Tgt Ion: 82 Resp: 825509
 Ion Ratio Lower Upper
 82 100
 128 43.5 51.0 76.6#
 54 56.7 47.5 71.3

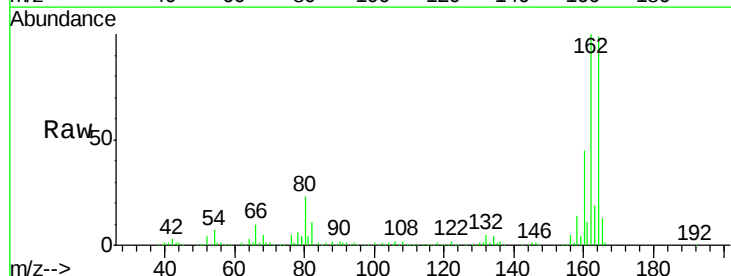


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

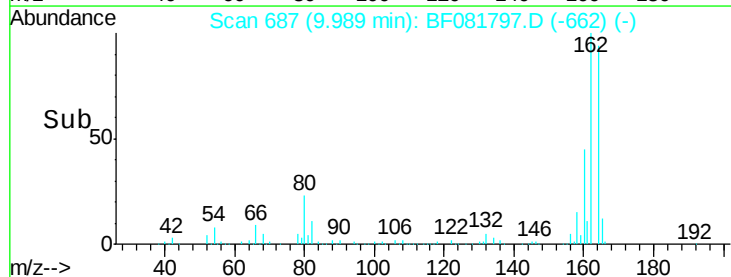
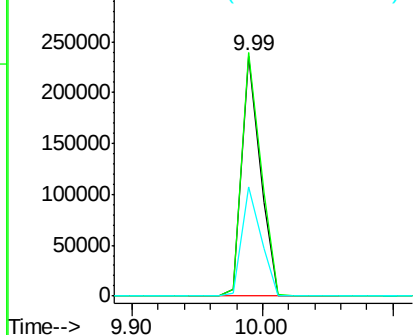


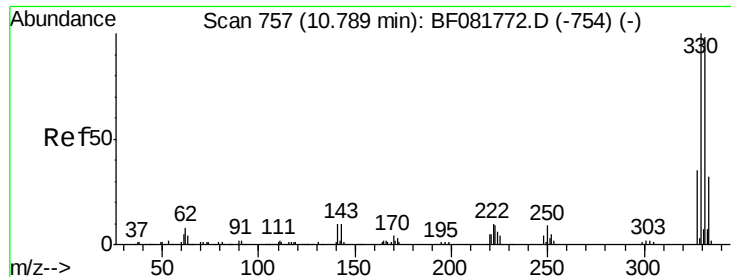
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081797.D
 Acq: 25 Sep 2015 9:40

Tgt Ion: 164 Resp: 231194
 Ion Ratio Lower Upper
 164 100
 162 101.5 75.2 112.8
 160 45.5 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

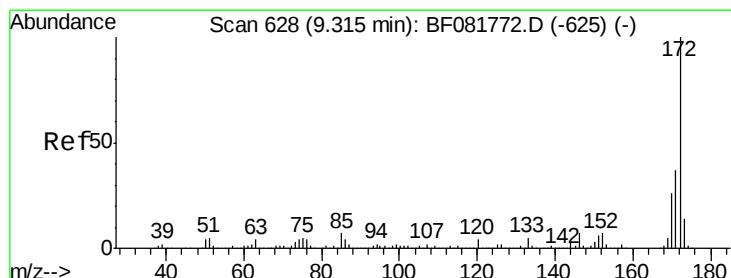
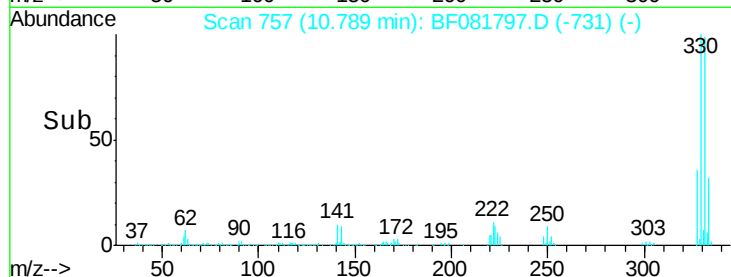
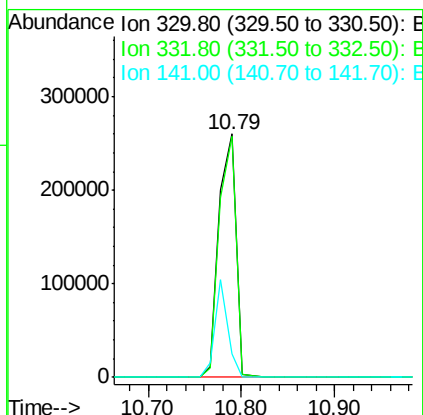
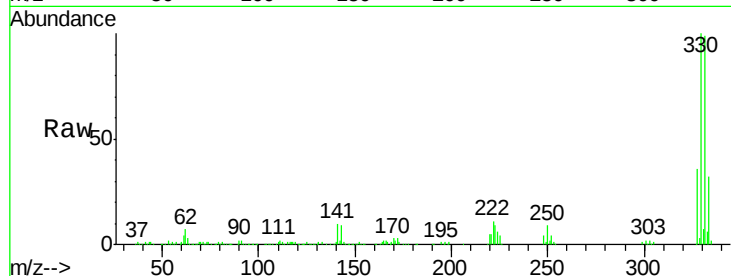




#41
 2,4,6-Tribromophenol
 Concen: 163.52 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081797.D
 Acq: 25 Sep 2015 9:40

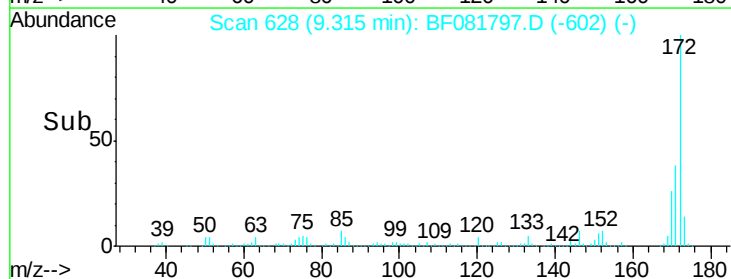
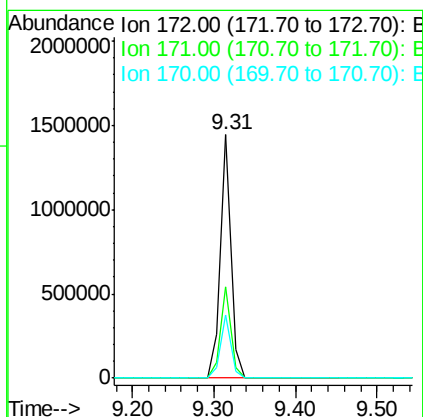
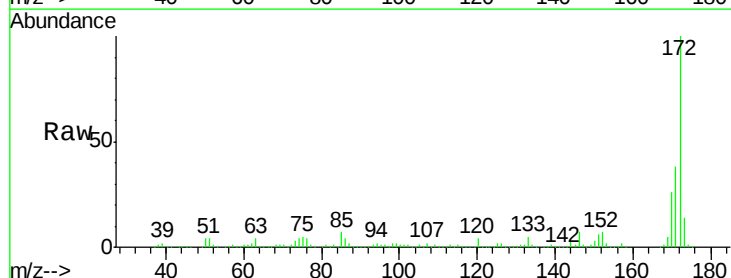
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 MW-5-9-15-15

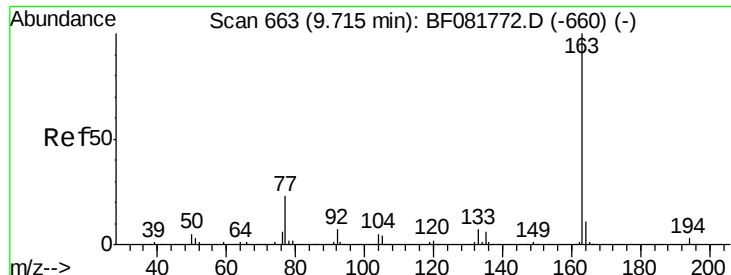
Tgt Ion:330 Resp: 328218
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 30.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 92.11 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081797.D
 Acq: 25 Sep 2015 9:40

Tgt Ion:172 Resp: 1297253
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.7 17.4 26.2

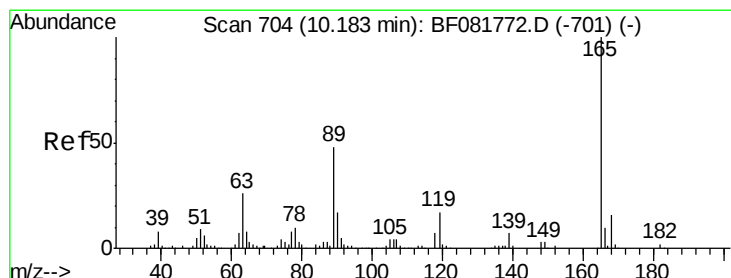
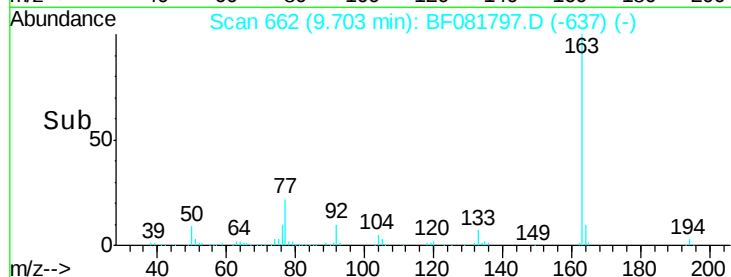
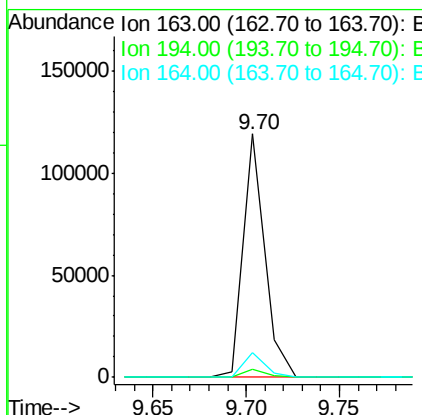
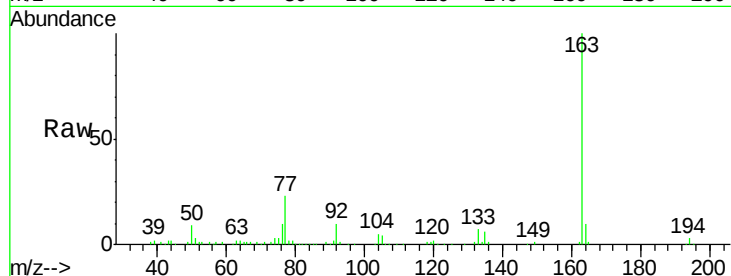




#49
Dimethylphthalate
Concen: 5.49 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

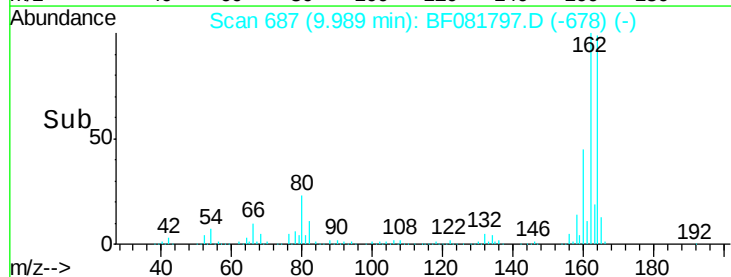
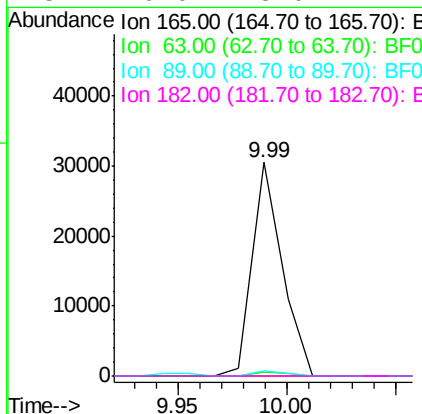
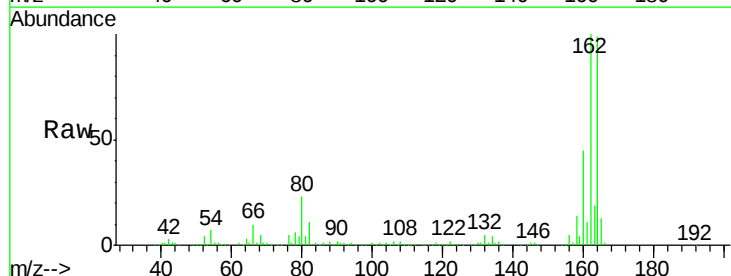
Instrument :
BNA_F
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MW-5-9-15-15

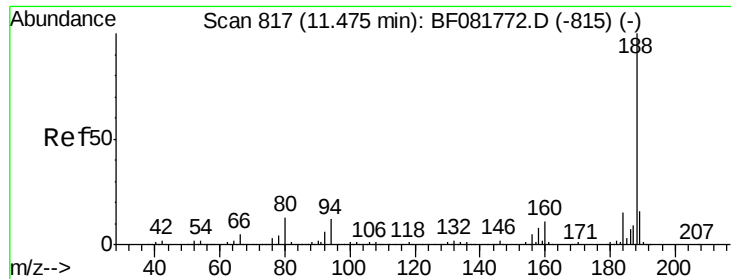
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.2	8.3	12.5



#56
2,4-Dinitrotoluene
Concen: 7.21 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	29.8	44.6#
89	2.2	44.5	66.7#
182	0.0	3.0	4.4#

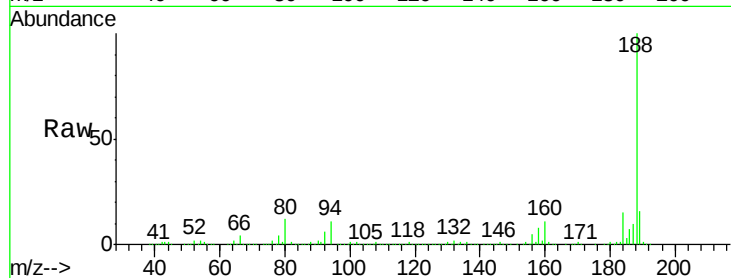




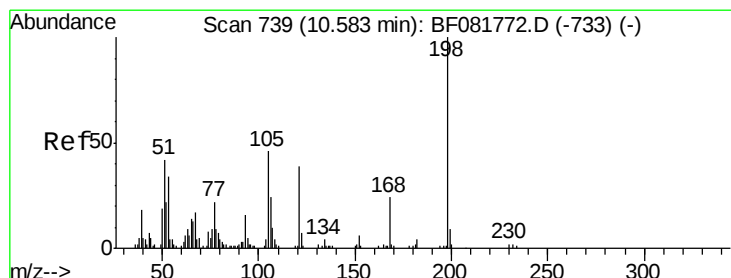
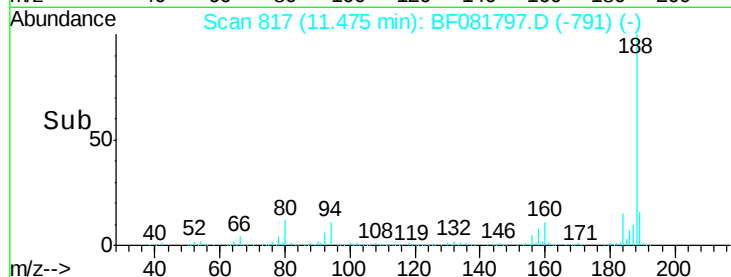
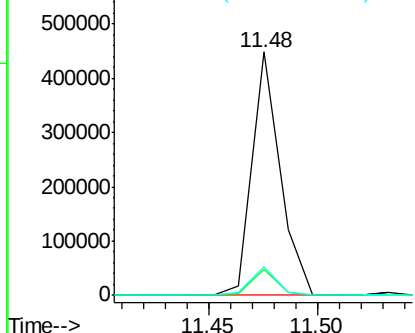
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

Instrument :
BNA_F
ClientSampleId :
MW-5-9-15-15

Tgt Ion:188 Resp: 403075
Ion Ratio Lower Upper
188 100
94 10.8 11.1 16.7#
80 12.0 11.0 16.4

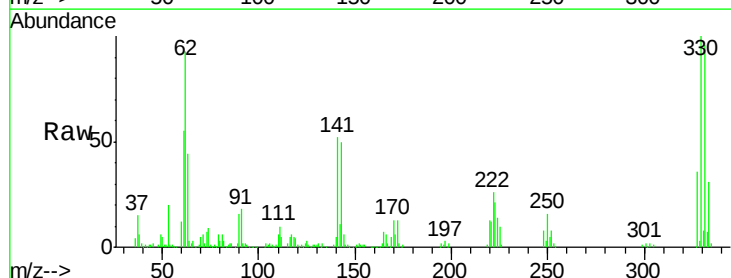


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

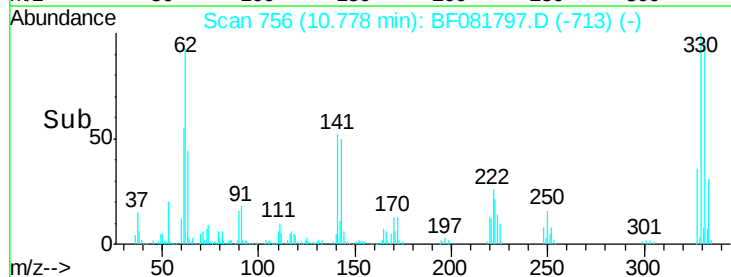
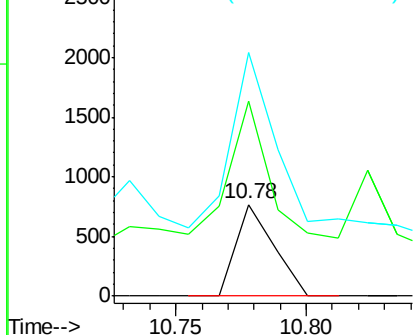


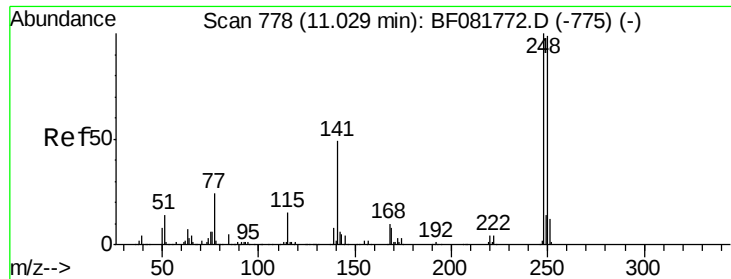
#64
4,6-Dinitro-2-methylphenol
Concen: 8.76 ng
RT: 10.78 min Scan# 756
Delta R.T. 0.19 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

Tgt Ion:198 Resp: 779
Ion Ratio Lower Upper
198 100
51 213.3 39.6 79.6#
105 265.8 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

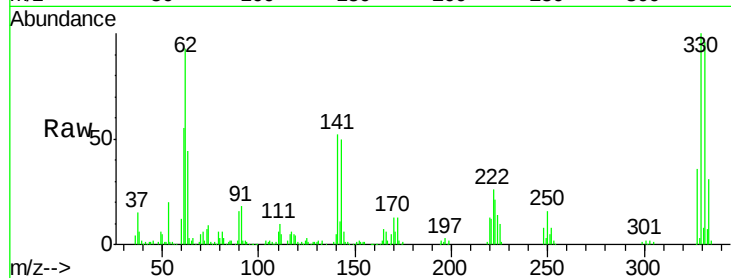




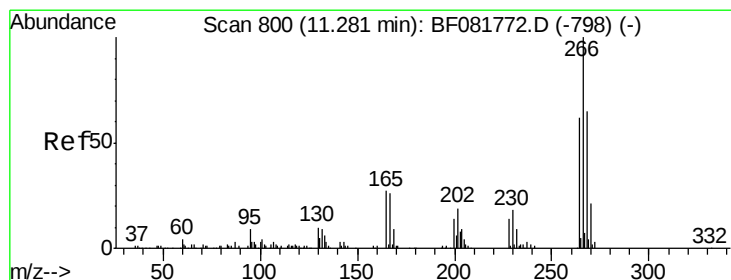
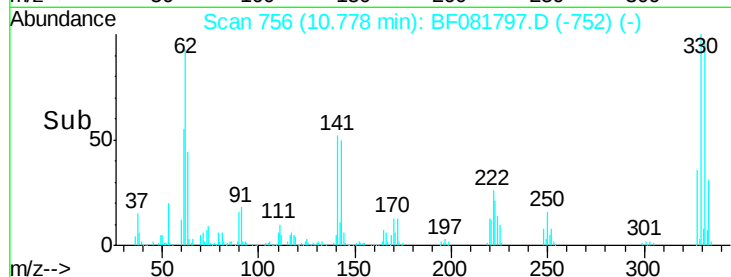
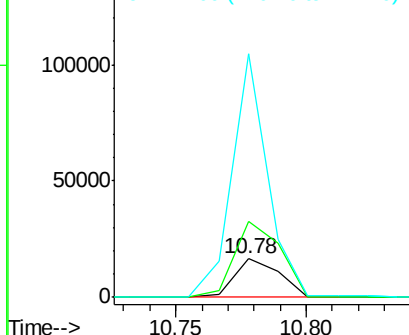
#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

Instrument :
BNA_F
ClientSampleId :
MW-5-9-15-15

Tgt Ion:248 Resp: 19868
Ion Ratio Lower Upper
248 100
250 198.9 78.5 117.7#
141 633.5 59.0 88.6#

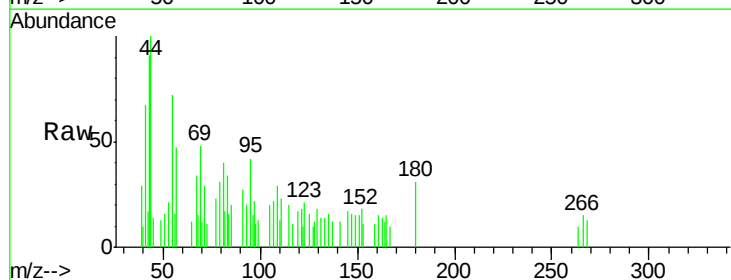


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

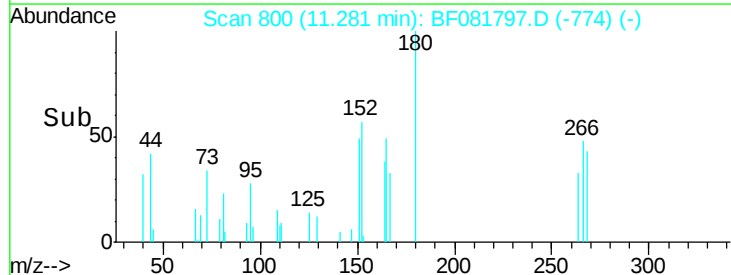
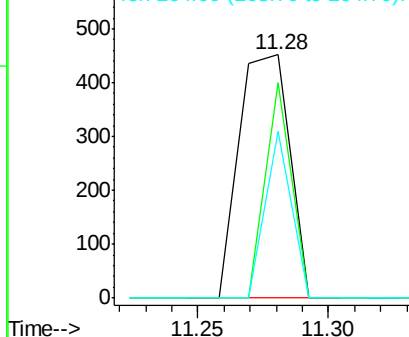


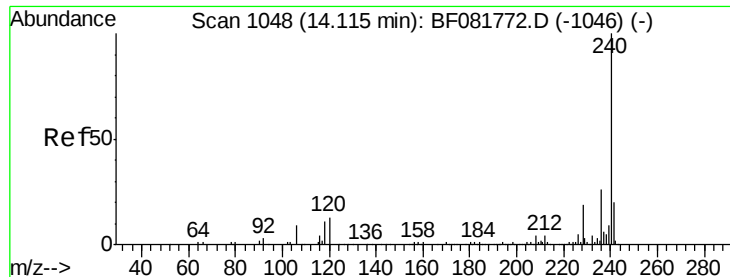
#69
Pentachlorophenol
Concen: 5.86 ng
RT: 11.28 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081797.D
Acq: 25 Sep 2015 9:40

Tgt Ion:266 Resp: 608
Ion Ratio Lower Upper
266 100
268 88.5 49.8 74.6#
264 68.6 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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081797.D

Acq: 25 Sep 2015 9:40

Instrument :

BNA_F

ClientSampleId :

MW-5-9-15-15

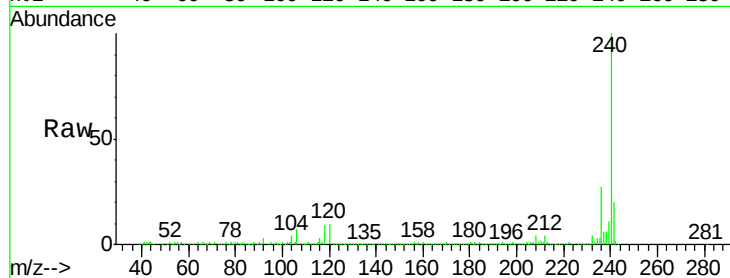
Tgt Ion:240 Resp: 349920

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

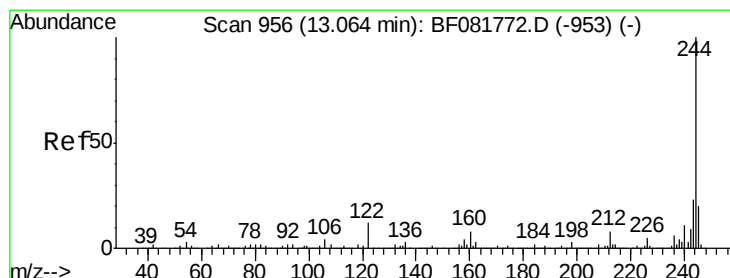
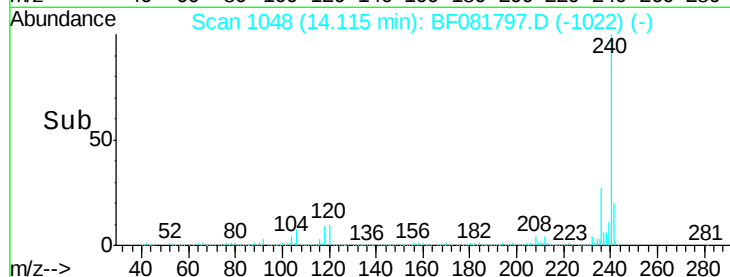
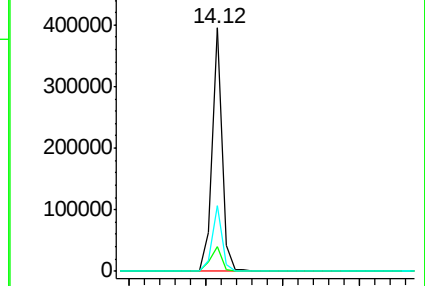
236 27.0 18.4 27.6



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: 68.70 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081797.D

Acq: 25 Sep 2015 9:40

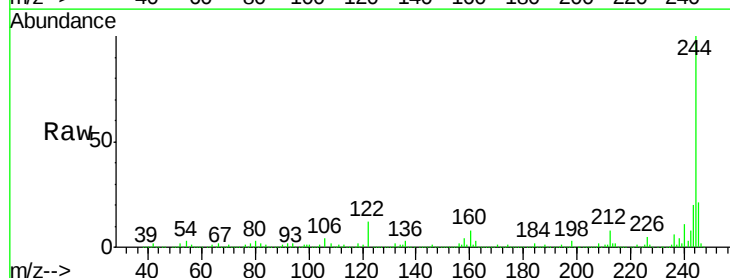
Tgt Ion:244 Resp: 1052341

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

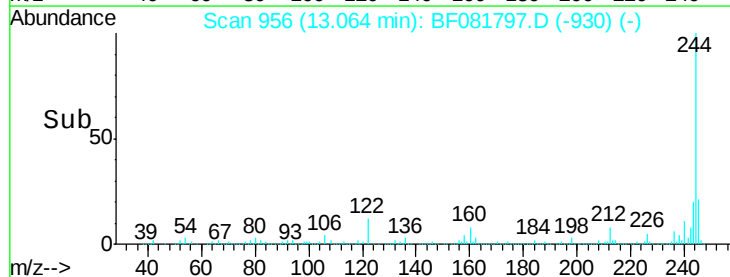
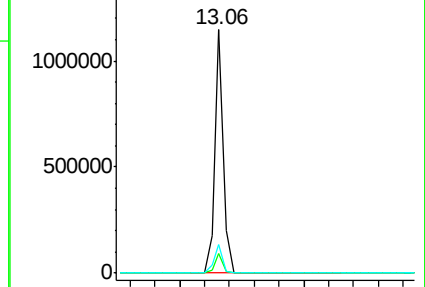
122 11.9 17.4 26.2#

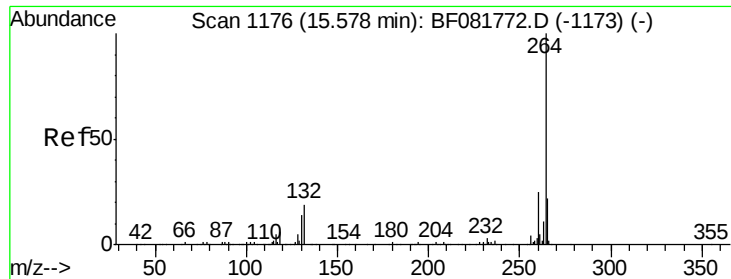


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081797.D
Acq: 25 Sep 2015 9:40

Instrument :
BNA_F
ClientSampleId :
MW-5-9-15-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.7	17.2	25.8

