

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081798.D
 Acq On : 25 Sep 2015 10:10
 Operator : UM/IZ
 Sample : G3704-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 25 11:24:25 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

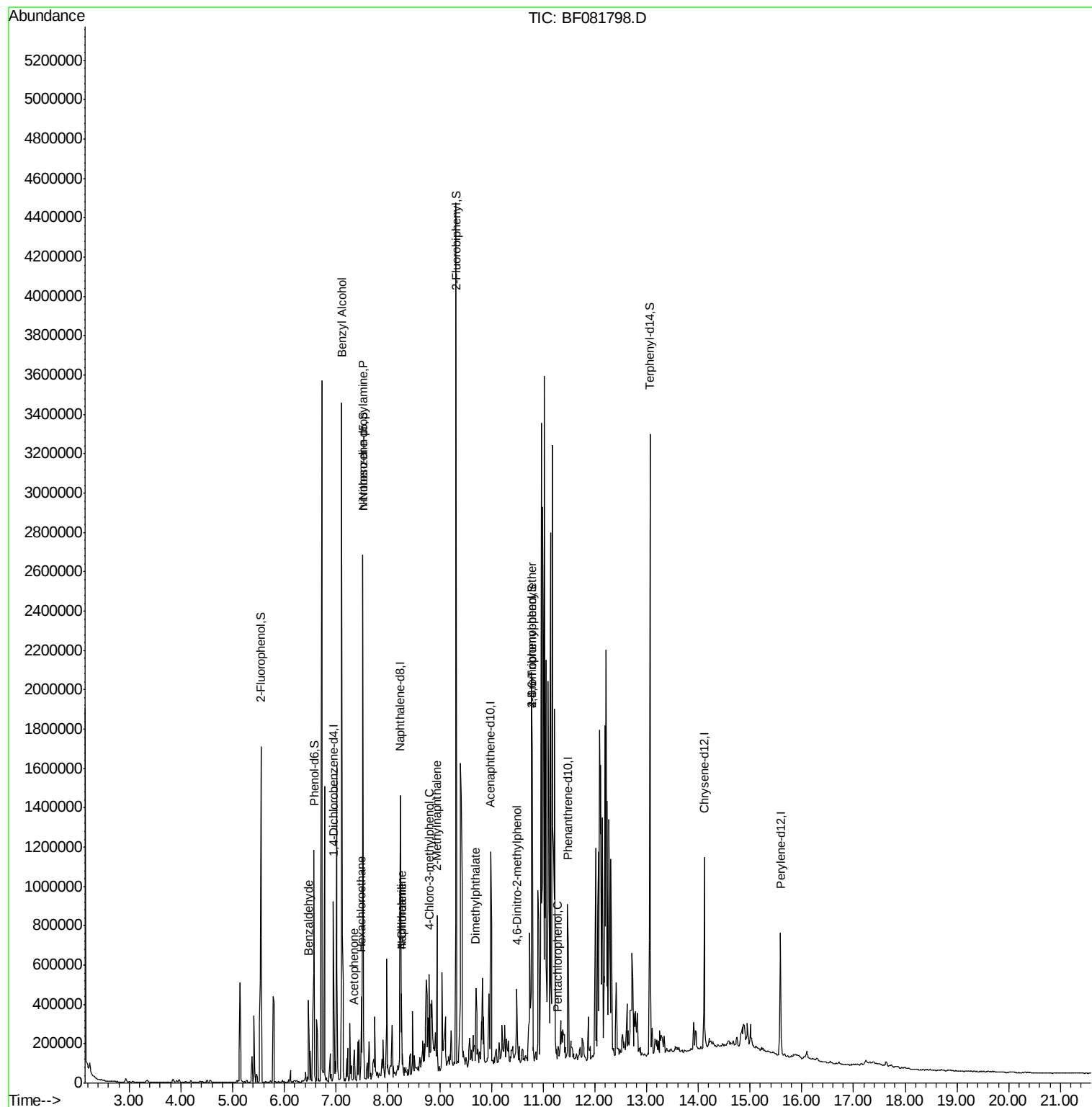
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	146663	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	574156	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	248660	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	382927	20.00	ng	0.00
75) Chrysene-d12	14.12	240	325784	20.00	ng	0.00
86) Perylene-d12	15.59	264	337237	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	488366	56.33	ng	0.00
7) Phenol-d6	6.57	99	440938	40.21	ng	0.00
23) Nitrobenzene-d5	7.52	82	842144	96.78	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	362410	167.87	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1424486	94.04	ng	0.00
78) Terphenyl-d14	13.06	244	980779	68.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	24997	3.86	ng	# 1
15) Benzyl Alcohol	7.11	79	17380	2.01	ng	# 58
18) Hexachloroethane	7.49	117	26153	7.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	120377	16.47	ng	# 61
22) Acetophenone	7.35	105	56405	4.48	ng	# 50
31) Naphthalene	8.26	128	153813	5.81	ng	# 97
33) 4-Chloroaniline	8.26	127	23908	2.06	ng	# 37
36) 4-Chloro-3-methylphenol	8.80	107	61679	7.56	ng	# 12
37) 2-Methylnaphthalene	8.95	142	141703	7.51	ng	# 89
49) Dimethylphthalate	9.70	163	86742	4.58	ng	# 73
64) 4,6-Dinitro-2-methylphenol	10.49	198	311	7.96	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	22098	5.18	ng	# 1
69) Pentachlorophenol	11.28	266	521	5.84	ng	# 55

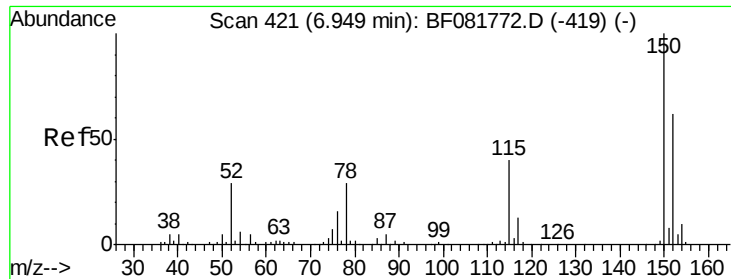
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

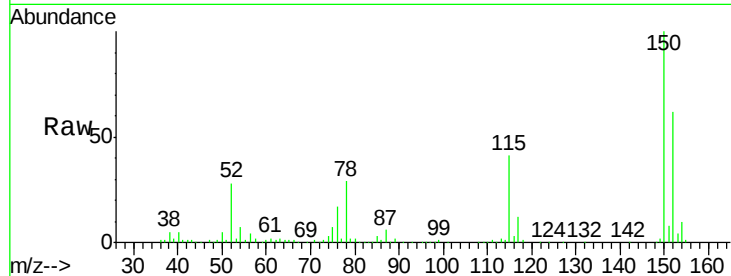
Tgt Ion:152 Resp: 146663

Ion Ratio Lower Upper

152 100

150 161.1 124.7 187.1

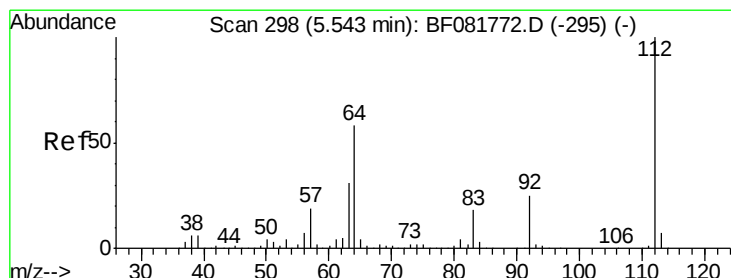
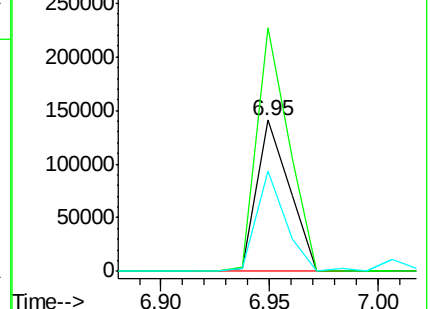
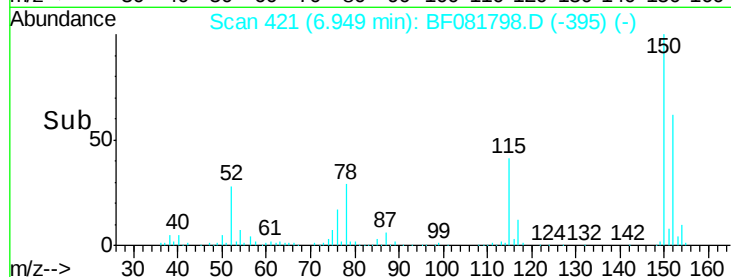
115 66.5 39.0 58.4#



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: 56.33 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

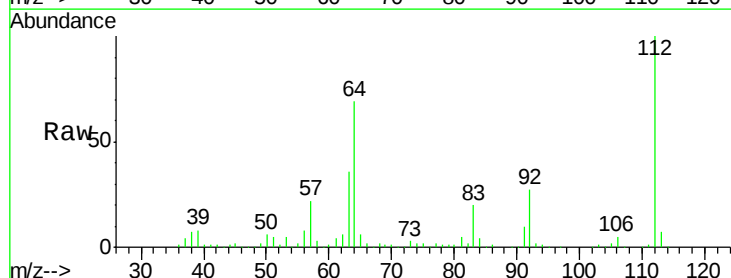
Tgt Ion:112 Resp: 488366

Ion Ratio Lower Upper

112 100

64 69.0 39.7 59.5#

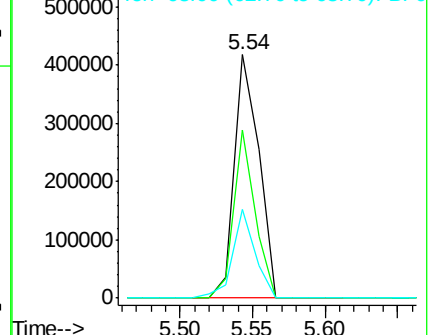
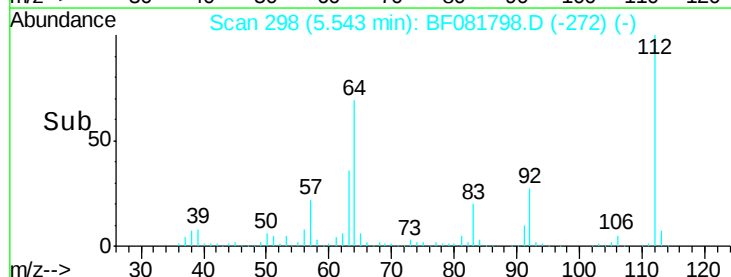
63 36.2 17.4 26.0#

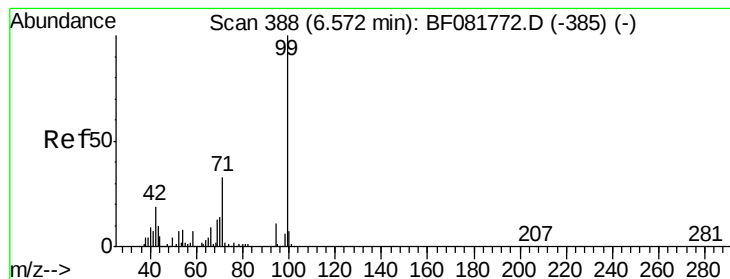


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.21 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

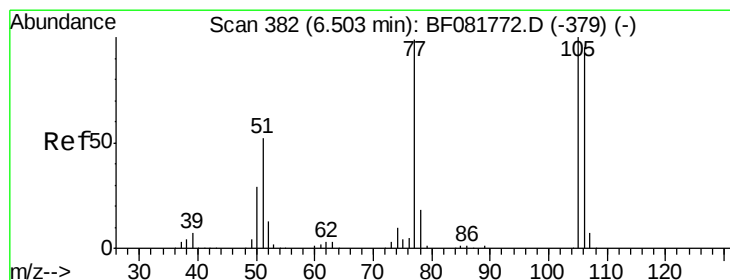
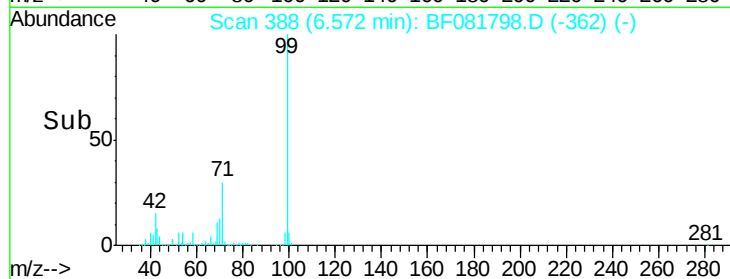
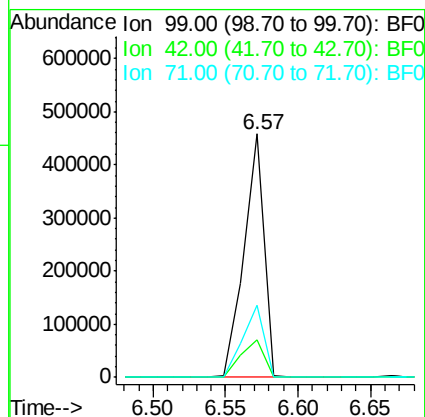
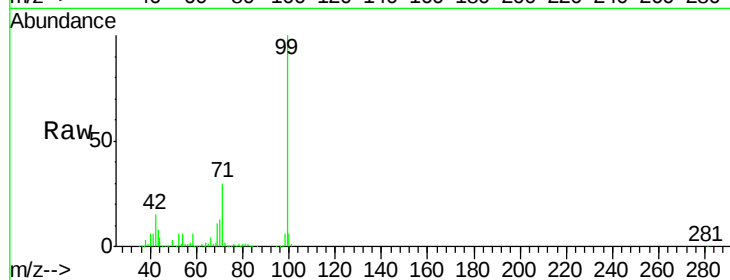
Tgt Ion: 99 Resp: 440938

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

71 29.8 14.2 21.2#



#9

Benzaldehyde

Concen: 3.86 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

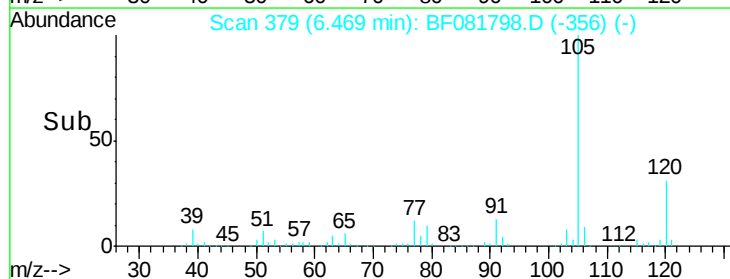
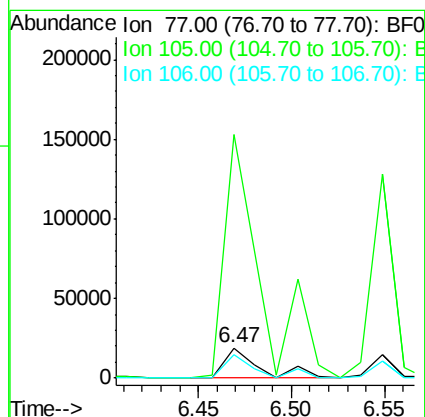
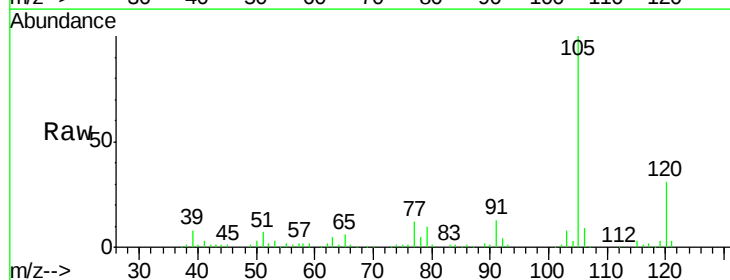
Tgt Ion: 77 Resp: 24997

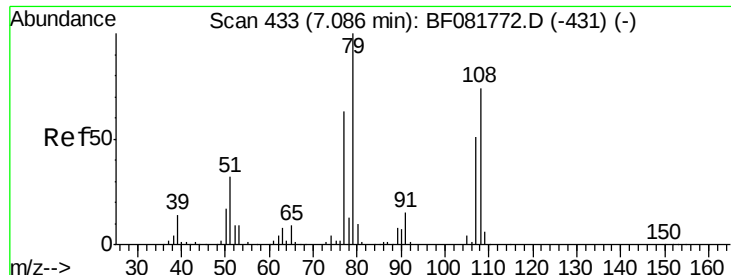
Ion Ratio Lower Upper

77 100

105 807.1 91.6 131.6#

106 76.4 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.02 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampled :

MW-9-9-15-15

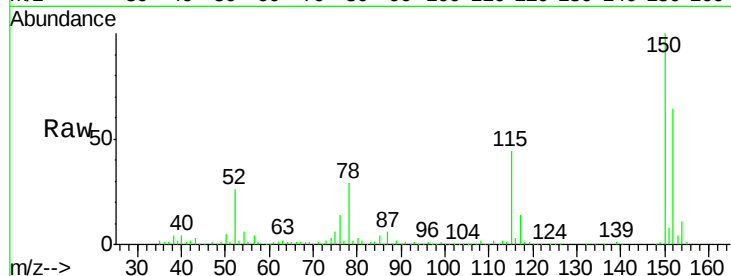
Tgt Ion: 79 Resp: 17380

Ion Ratio Lower Upper

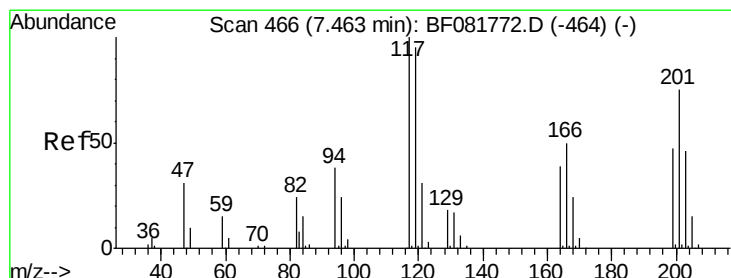
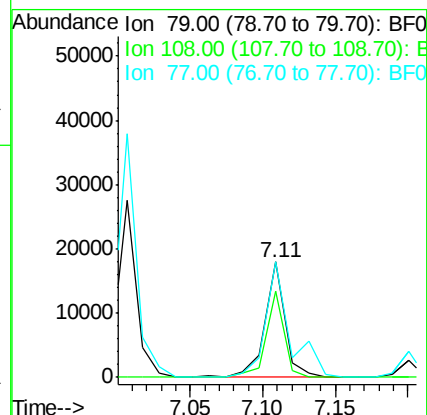
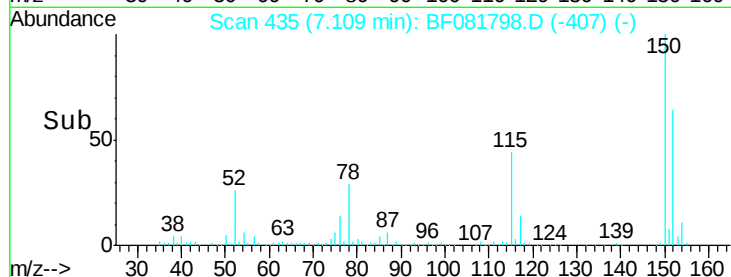
79 100

108 74.5 88.6 132.8#

77 100.2 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 7.02 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.02 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

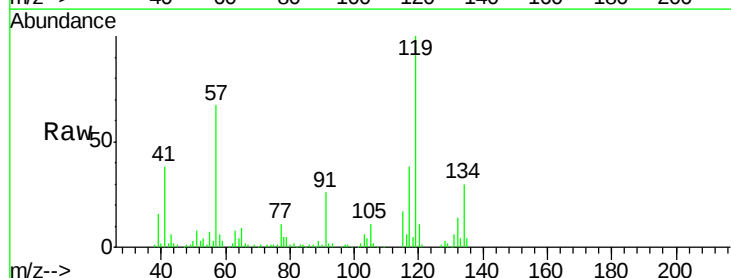
Tgt Ion: 117 Resp: 26153

Ion Ratio Lower Upper

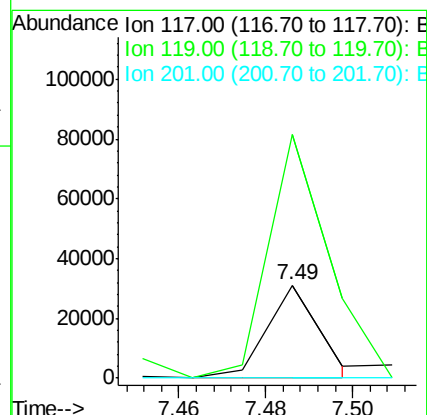
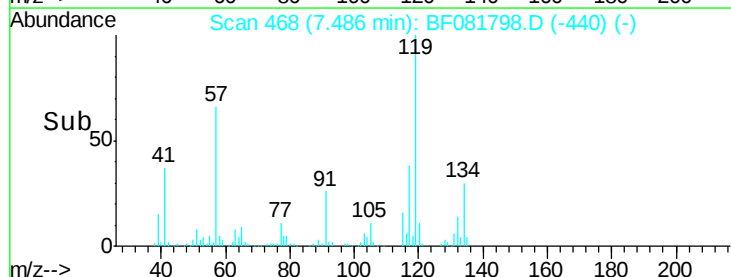
117 100

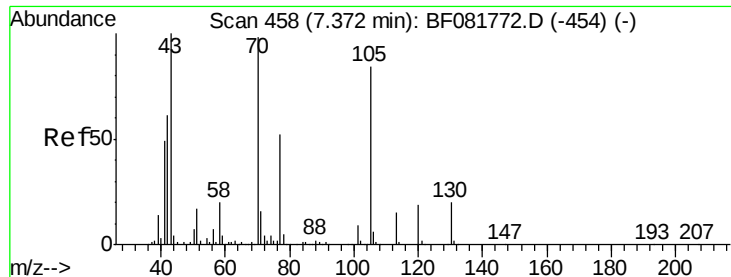
119 261.2 83.8 125.6#

201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

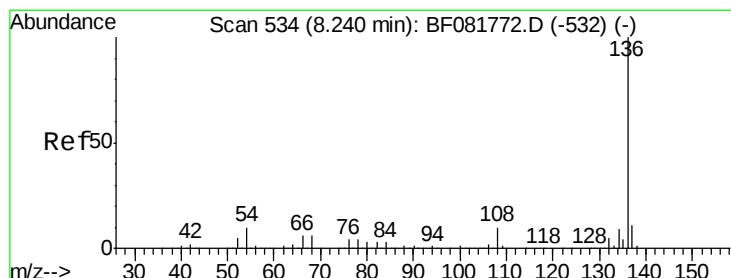
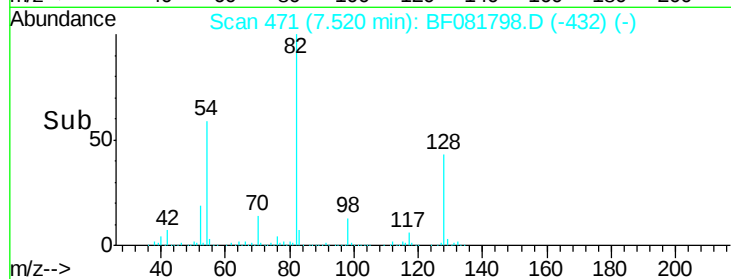
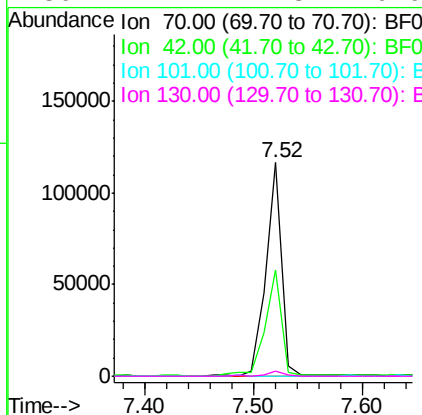
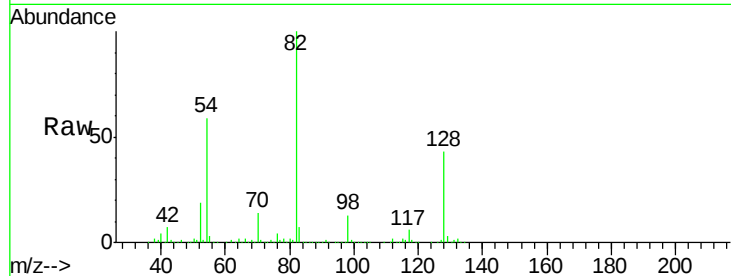




#19
n-Nitroso-di-n-propylamine
Concen: 16.47 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

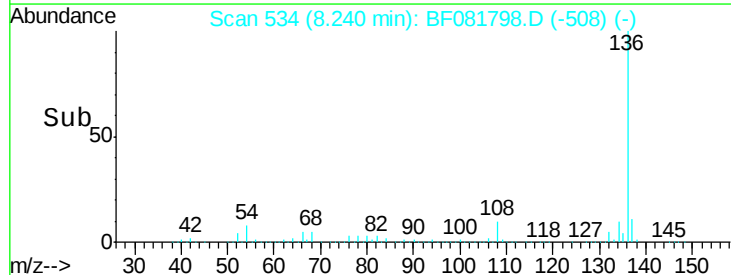
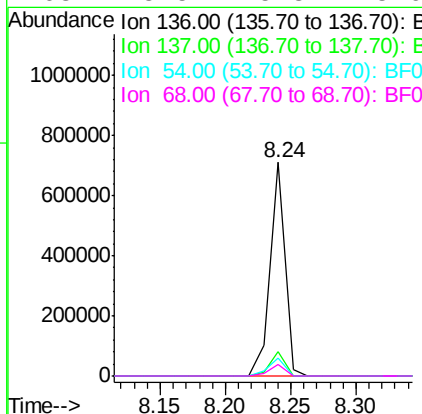
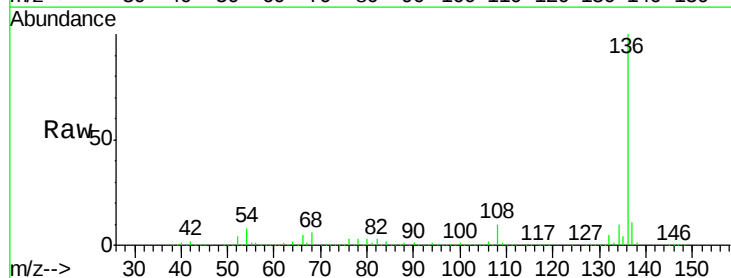
Instrument :
BNA_F
ClientSampleId :
MW-9-9-15-15

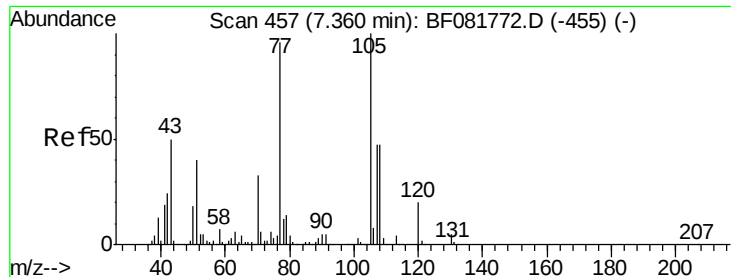
Tgt Ion: 70 Resp: 120377
Ion Ratio Lower Upper
70 100
42 49.9 63.8 95.6#
101 0.3 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion: 136 Resp: 574156
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.2 8.2 12.2
68 5.5 5.8 8.6#





#22

Acetophenone

Concen: 4.48 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

Tgt Ion:105 Resp: 56405

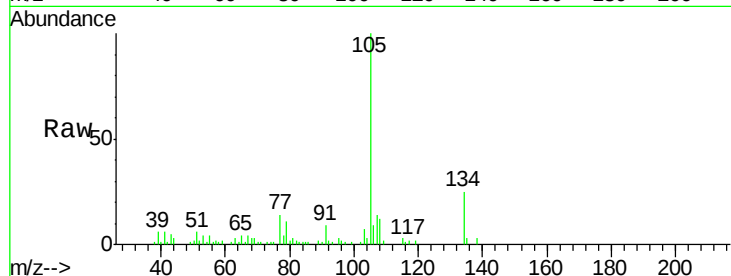
Ion Ratio Lower Upper

105 100

71 1.1 4.7 7.1#

51 5.9 22.0 33.0#

120 0.0 30.1 45.1#

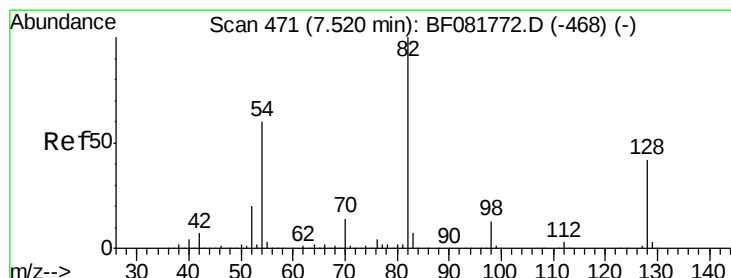
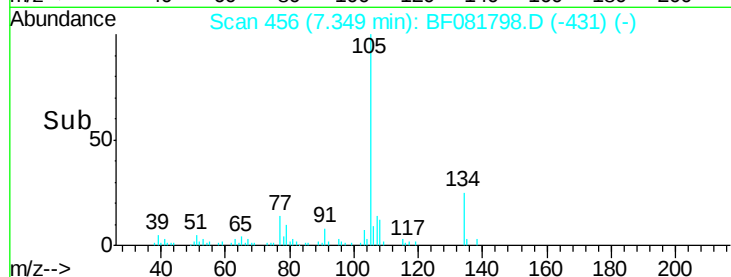
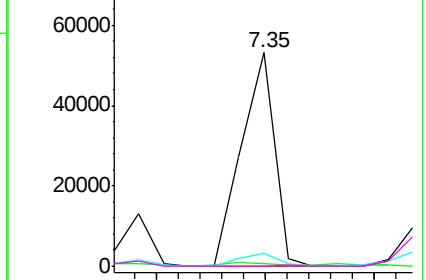


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.78 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

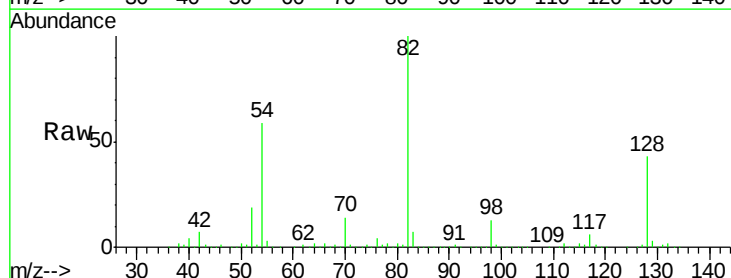
Tgt Ion: 82 Resp: 842144

Ion Ratio Lower Upper

82 100

128 43.5 51.0 76.6#

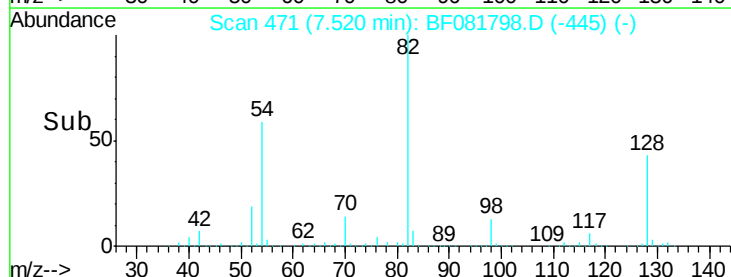
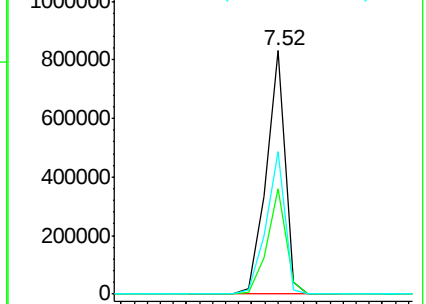
54 58.8 47.5 71.3

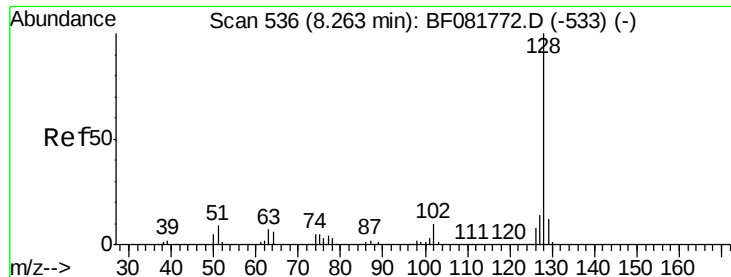


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

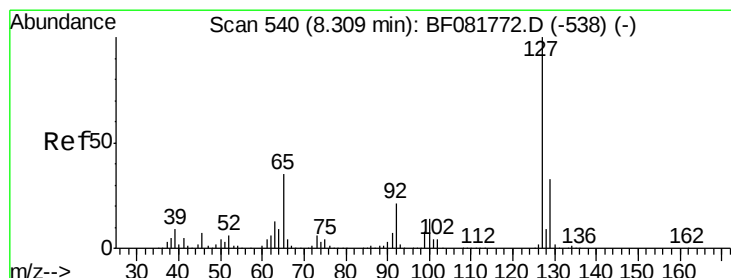
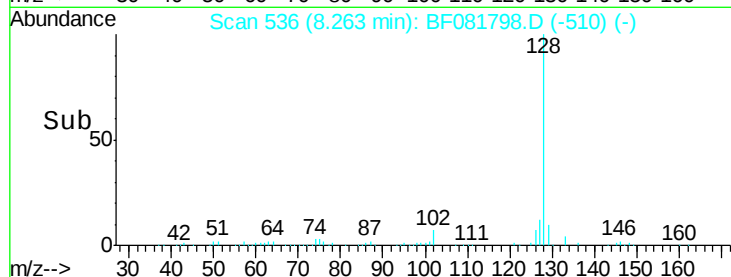
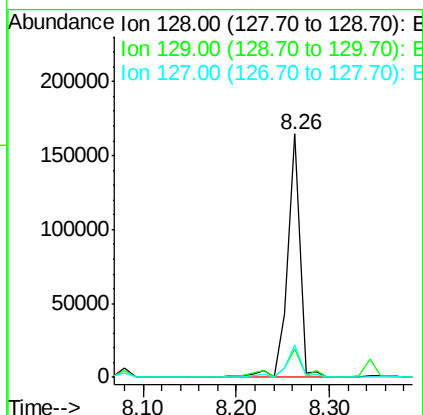
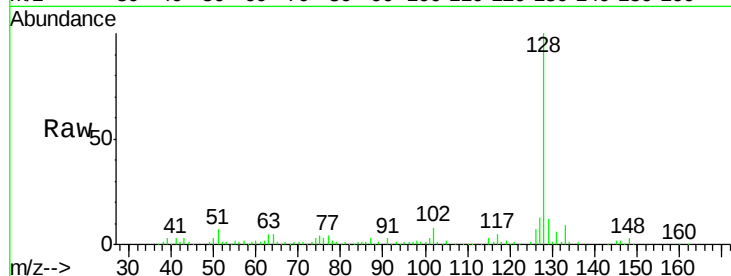




#31
Naphthalene
Concen: 5.81 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

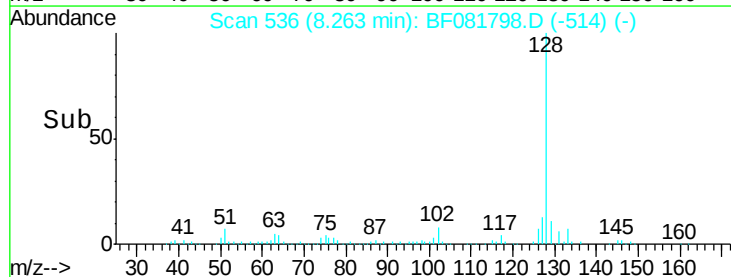
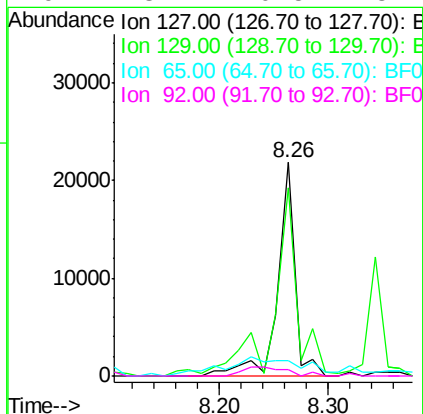
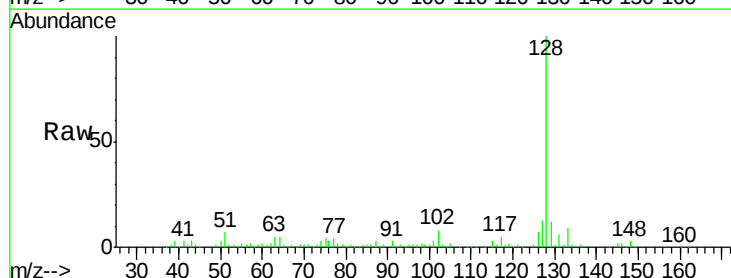
Instrument :
BNA_F
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MW-9-9-15-15

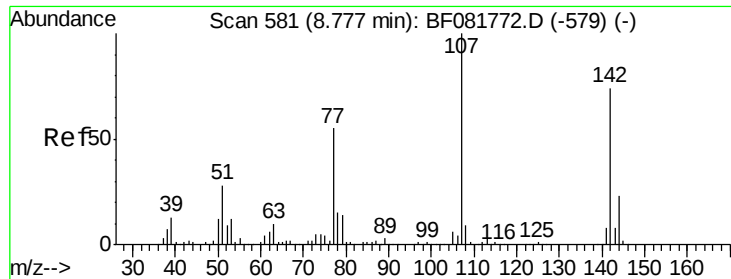
Tgt Ion:128 Resp: 153813
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.3 9.9 14.9



#33
4-Chloroaniline
Concen: 2.06 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:127 Resp: 23908
Ion Ratio Lower Upper
127 100
129 88.1 25.8 38.6#
65 7.3 17.9 26.9#
92 3.1 10.5 15.7#

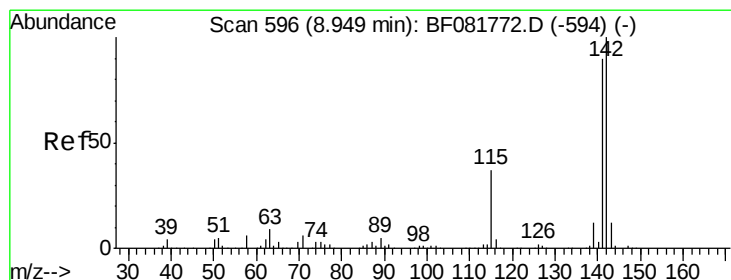
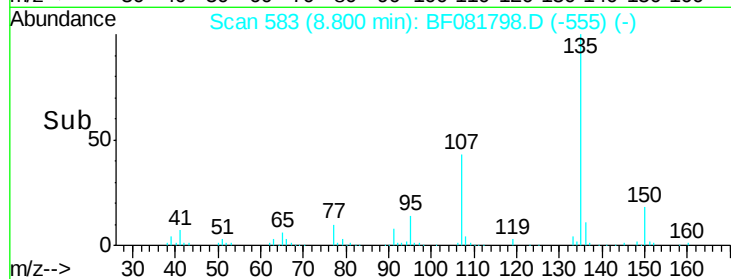
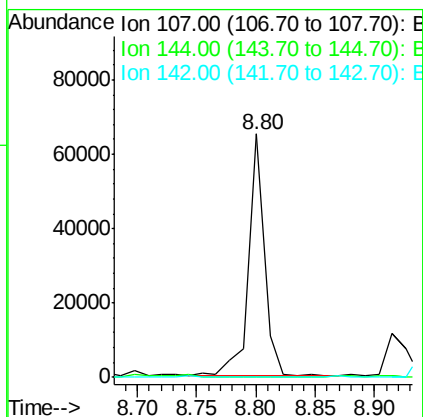
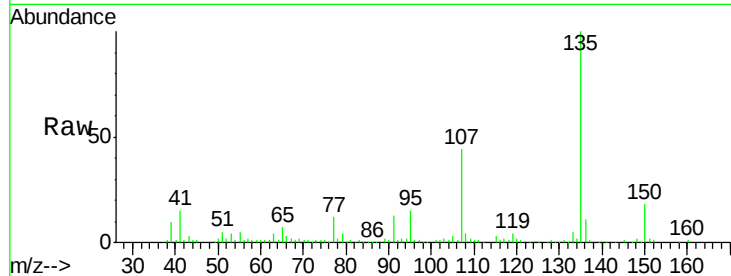




#36
 4-Chloro-3-methylphenol
 Concen: 7.56 ng
 RT: 8.80 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

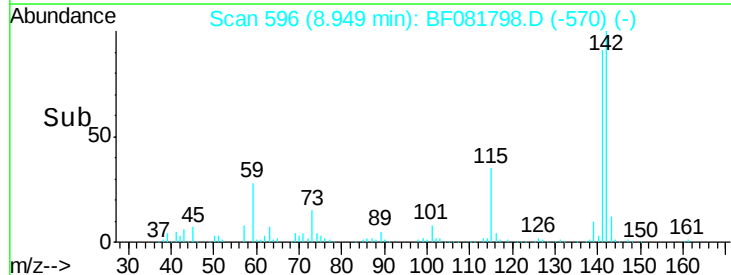
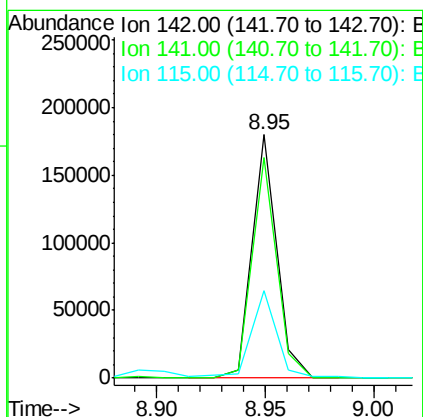
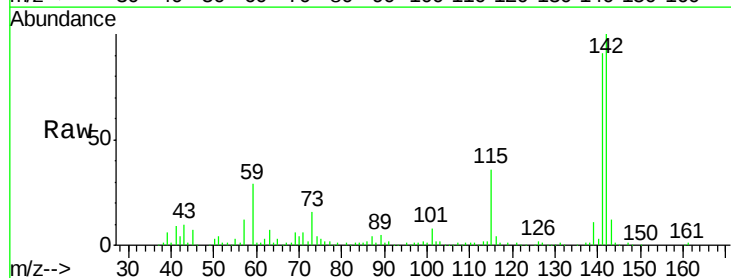
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-15-15

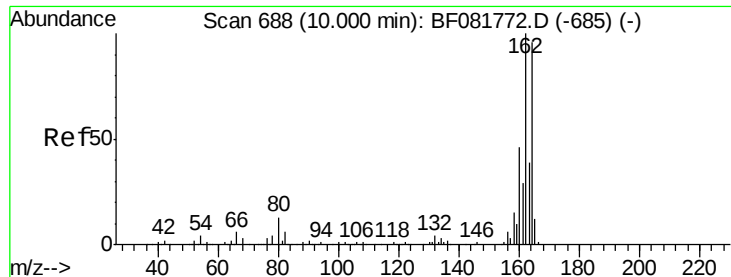
Tgt Ion:107 Resp: 61679
 Ion Ratio Lower Upper
 107 100
 144 0.0 25.4 38.0#
 142 0.0 77.3 115.9#



#37
 2-Methylnaphthalene
 Concen: 7.51 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

Tgt Ion:142 Resp: 141703
 Ion Ratio Lower Upper
 142 100
 141 90.5 67.5 101.3
 115 35.7 18.2 27.2#

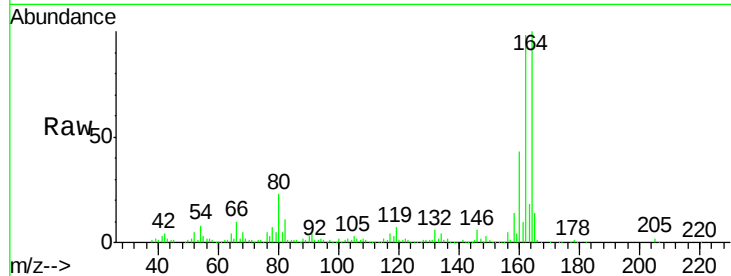




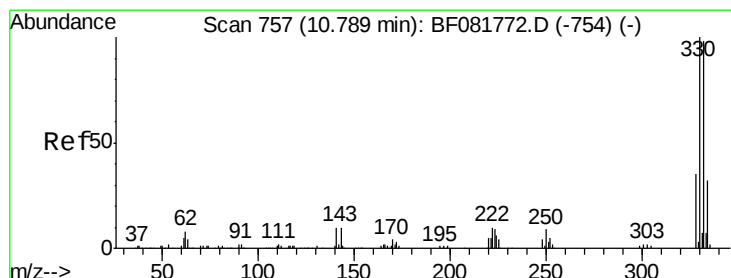
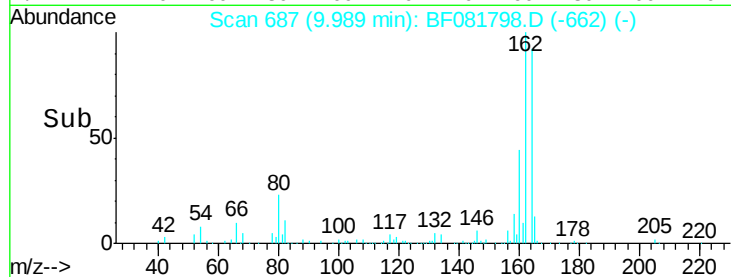
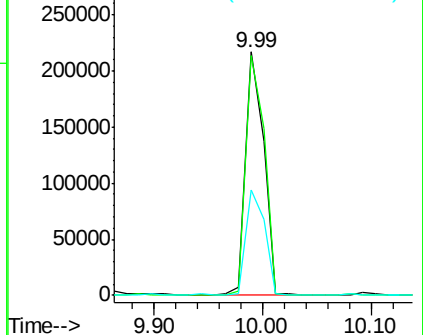
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

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

Tgt Ion:164 Resp: 248660
 Ion Ratio Lower Upper
 164 100
 162 98.4 75.2 112.8
 160 43.1 31.5 47.3

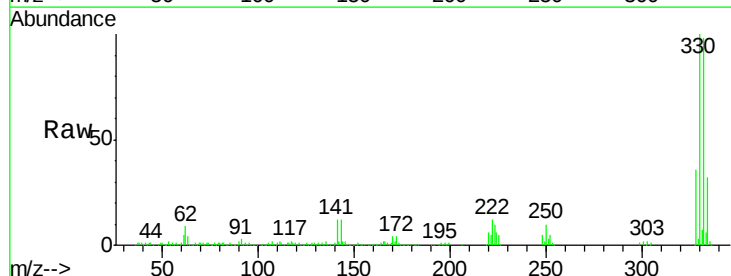


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

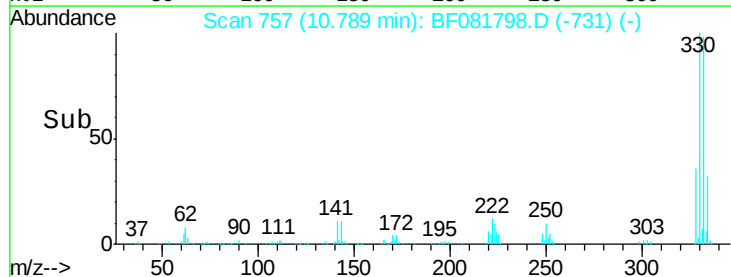
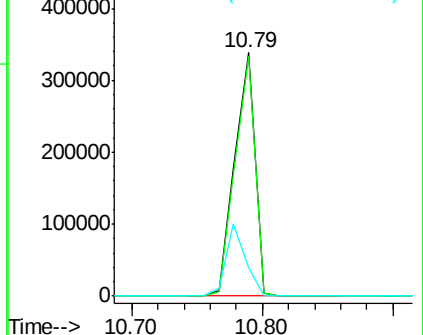


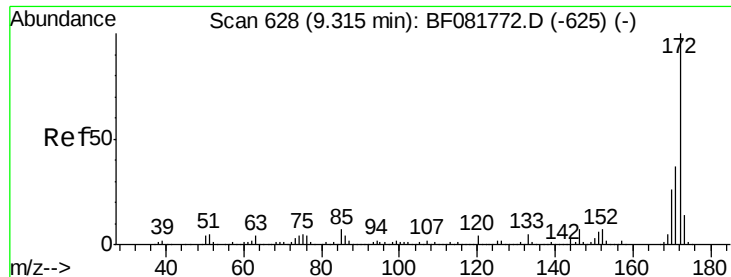
#41
 2,4,6-Tribromophenol
 Concen: 167.87 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081798.D
 Acq: 25 Sep 2015 10:10

Tgt Ion:330 Resp: 362410
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 28.9 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

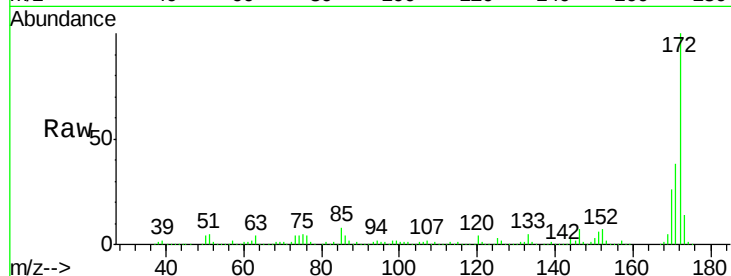




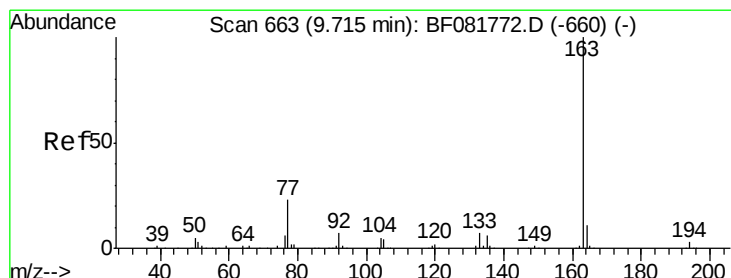
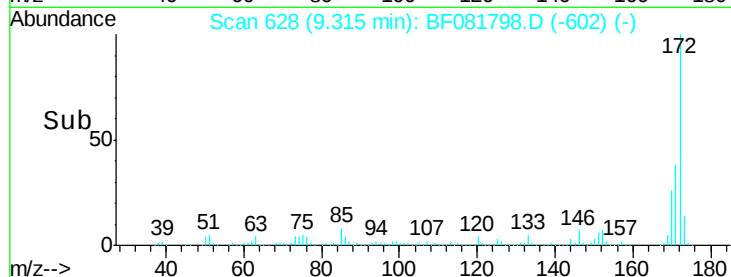
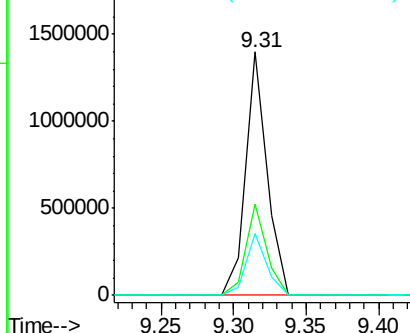
#44
2-Fluorobiphenyl
Concen: 94.04 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion:172 Resp: 1424486
Ion Ratio Lower Upper
172 100
171 37.6 26.1 39.1
170 25.6 17.4 26.2

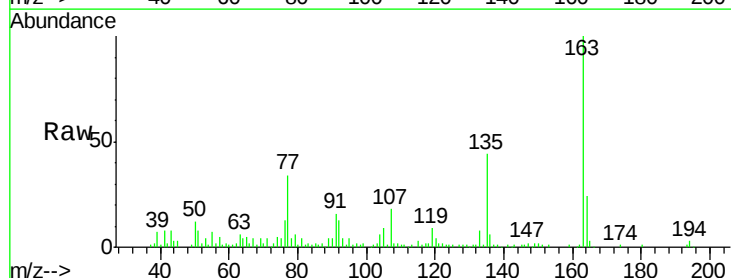


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

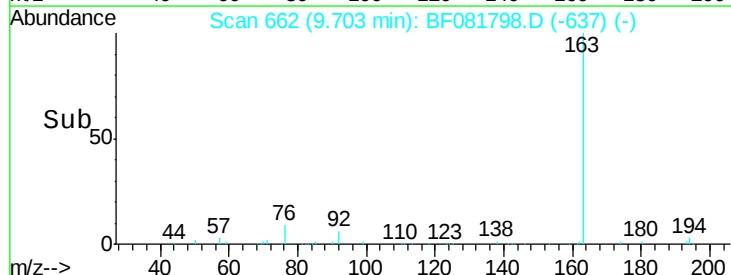
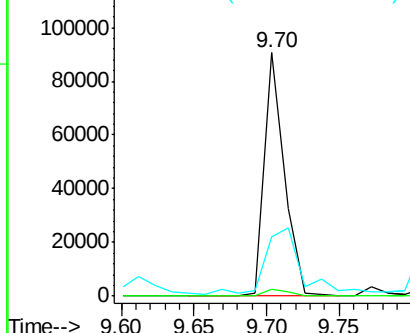


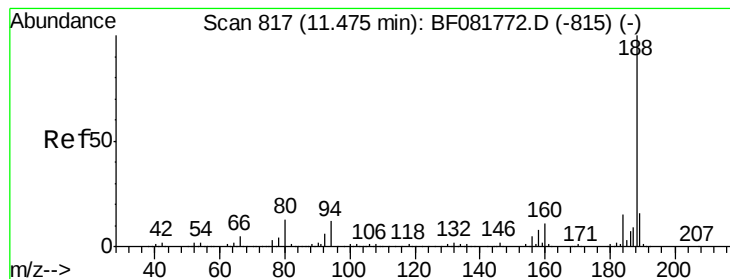
#49
Dimethylphthalate
Concen: 4.58 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

Tgt Ion:163 Resp: 86742
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 24.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

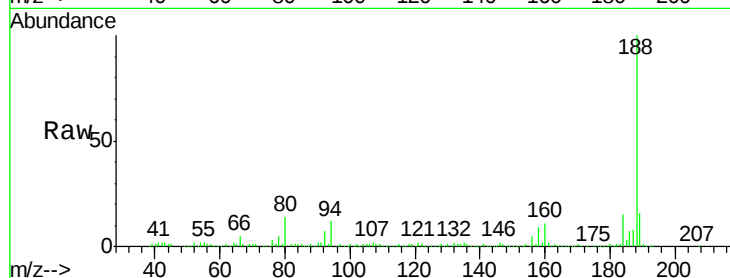
Tgt Ion:188 Resp: 382927

Ion Ratio Lower Upper

188 100

94 12.5 11.1 16.7

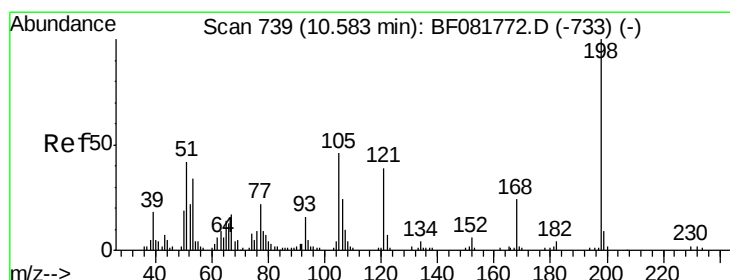
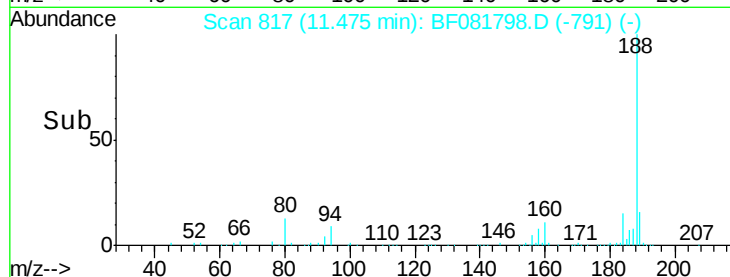
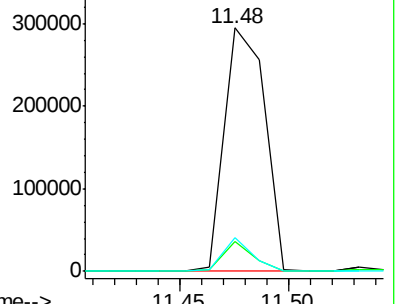
80 14.0 11.0 16.4



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: 7.96 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

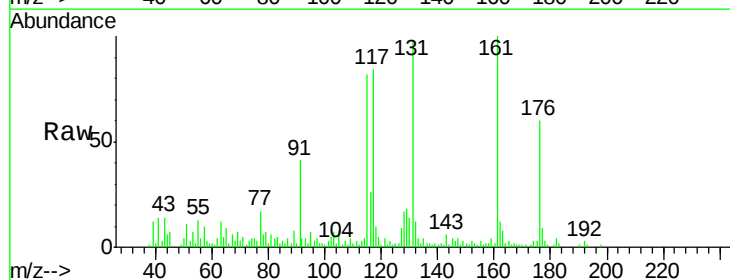
Tgt Ion:198 Resp: 311

Ion Ratio Lower Upper

198 100

51 1133.8 39.6 79.6#

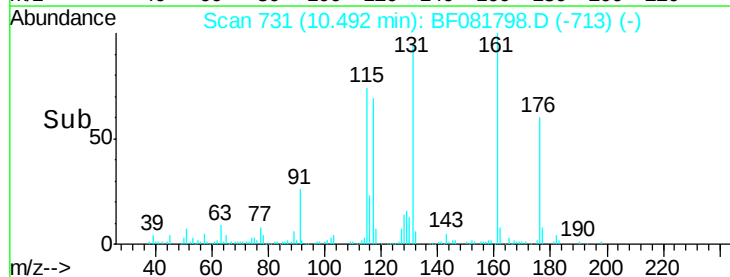
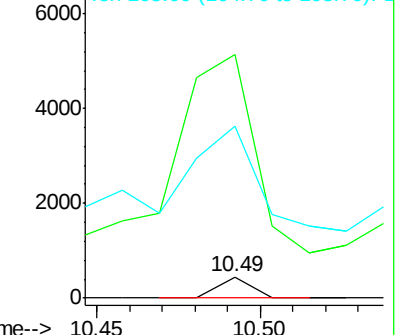
105 797.8 28.5 68.5#

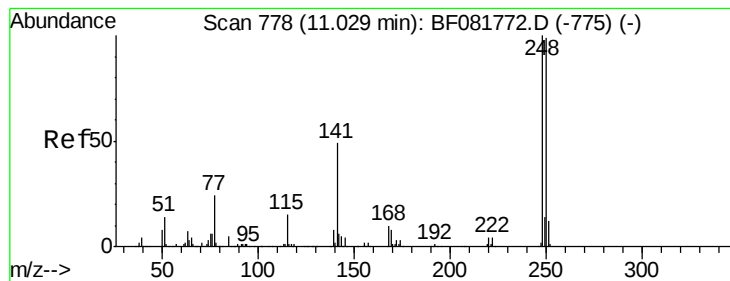


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 5.18 ng

RT: 10.79 min Scan# 757

Delta R.T. -0.24 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

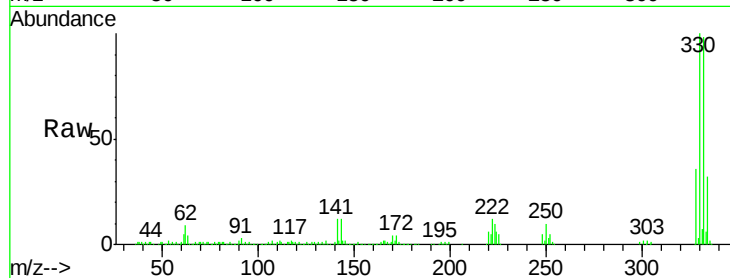
Tgt Ion:248 Resp: 22098

Ion Ratio Lower Upper

248 100

250 201.4 78.5 117.7#

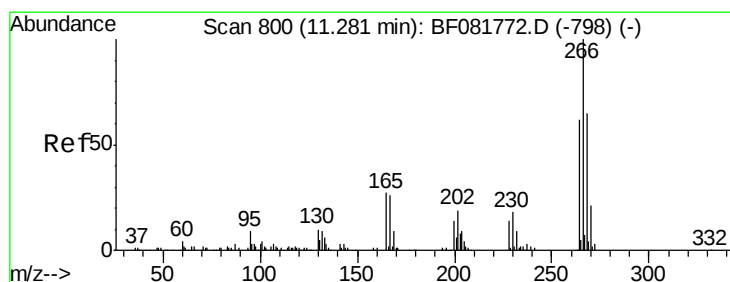
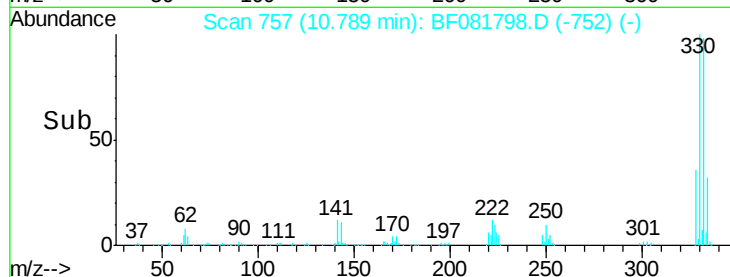
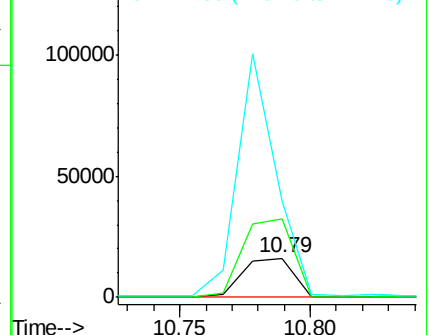
141 245.2 59.0 88.6#



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: 5.84 ng

RT: 11.28 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

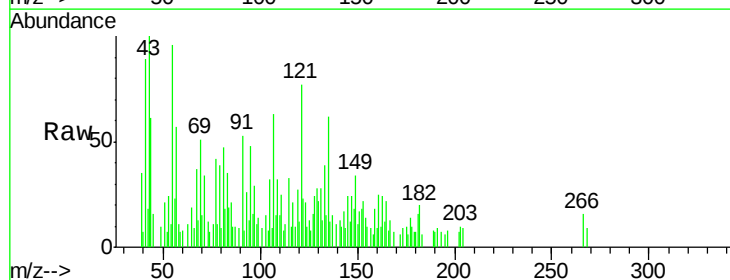
Tgt Ion:266 Resp: 521

Ion Ratio Lower Upper

266 100

268 55.5 49.8 74.6

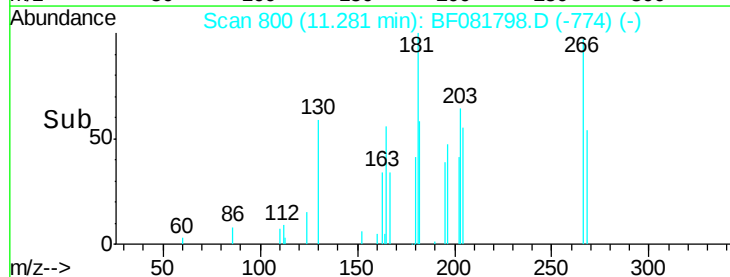
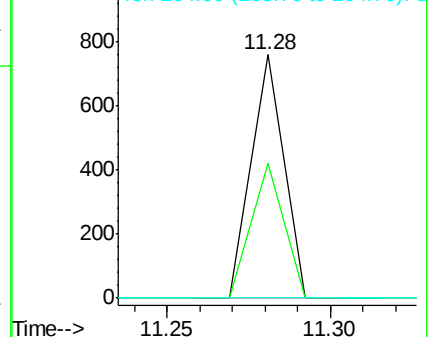
264 0.0 50.2 75.2#

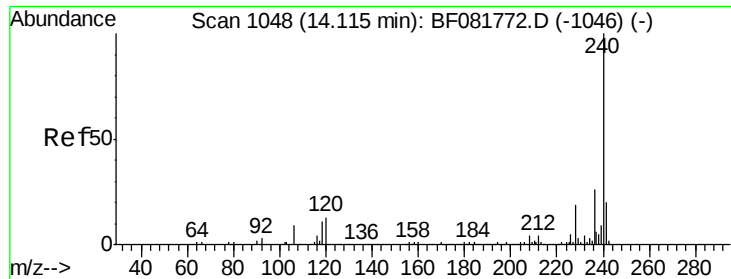


Abundance Ion 265.70 (265.40 to 266.40): E

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: BF081798.D

Acq: 25 Sep 2015 10:10

Instrument :

BNA_F

ClientSampleId :

MW-9-9-15-15

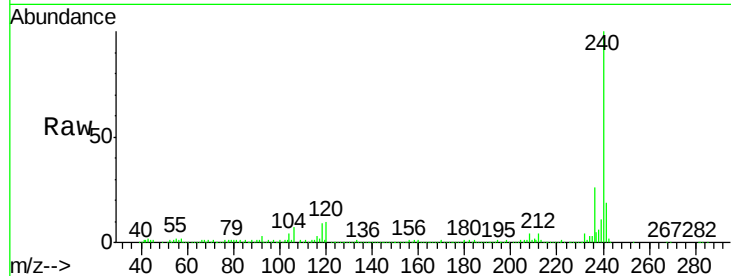
Tgt Ion:240 Resp: 325784

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

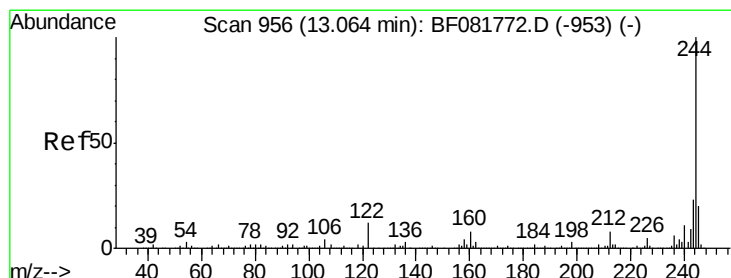
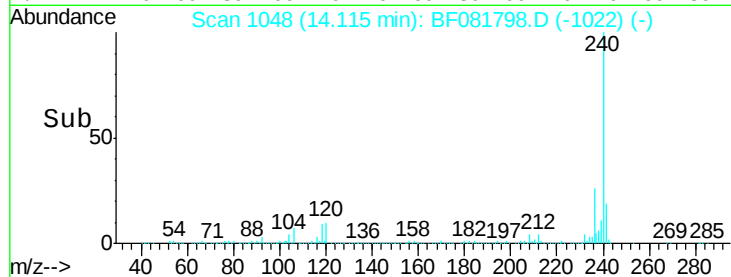
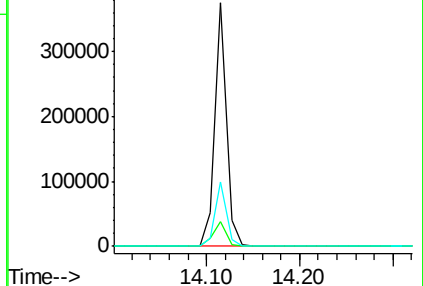
236 26.2 18.4 27.6



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: 68.77 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081798.D

Acq: 25 Sep 2015 10:10

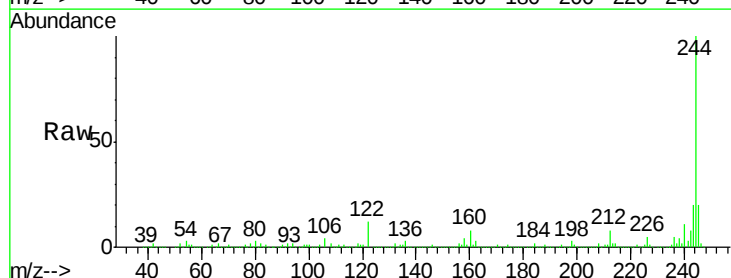
Tgt Ion:244 Resp: 980779

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

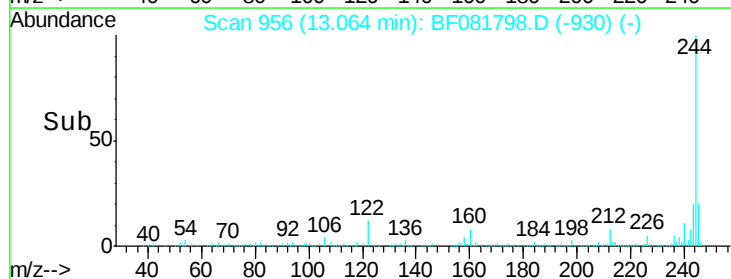
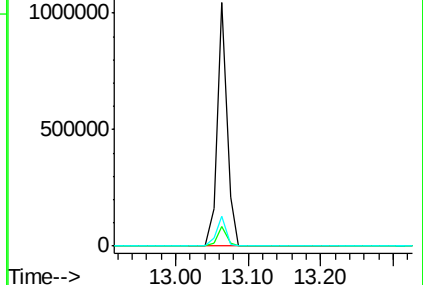
122 12.2 17.4 26.2#

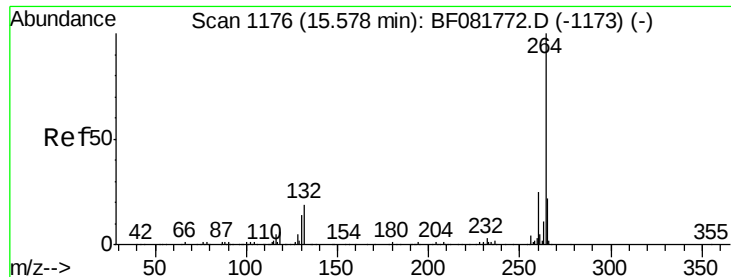


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081798.D
Acq: 25 Sep 2015 10:10

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.4	17.2	25.8

