

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081826.D
 Acq On : 26 Sep 2015 14:24
 Operator : UM/IZ
 Sample : G3654-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

Quant Time: Sep 28 03:12:48 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

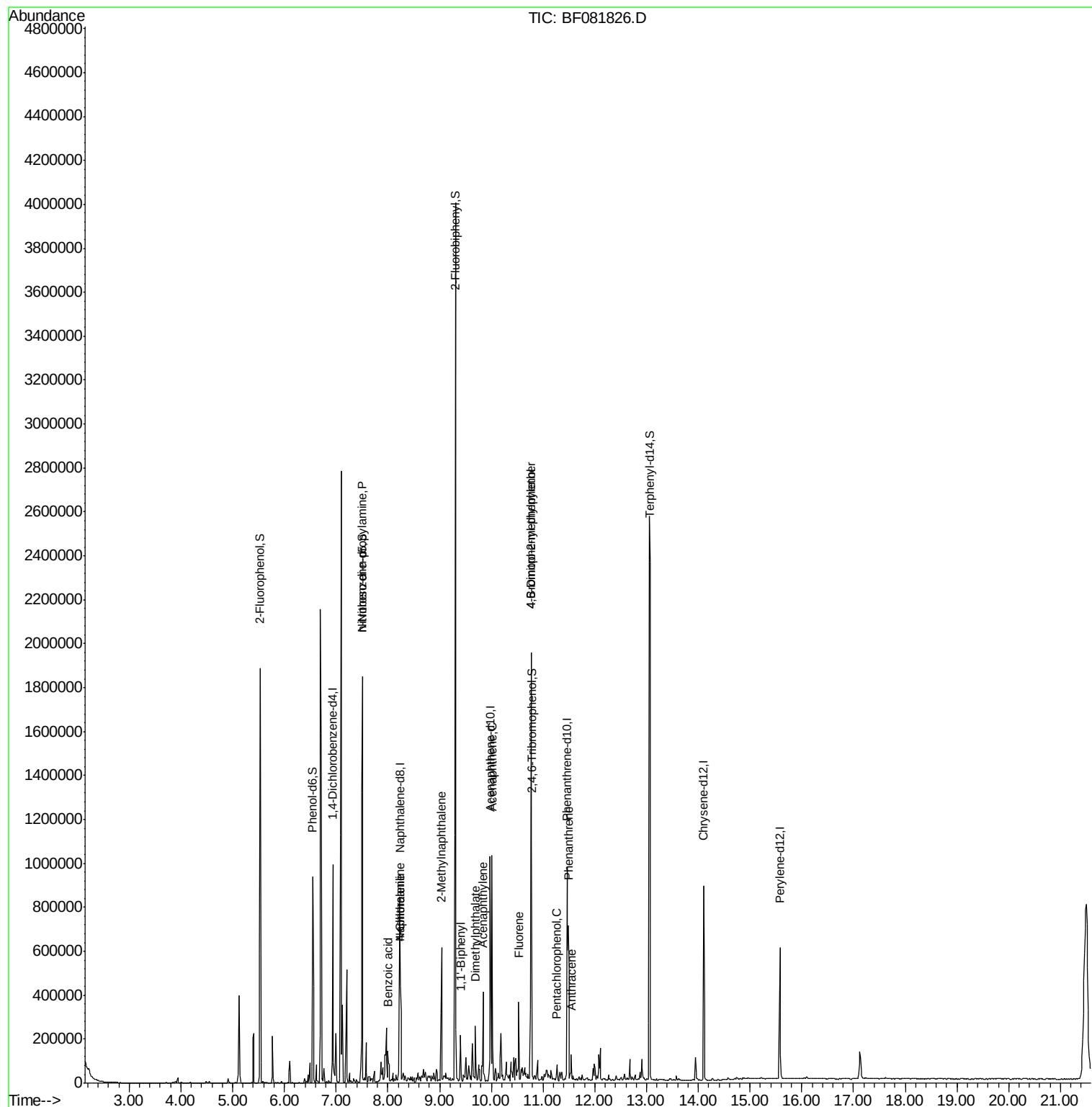
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	138465	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	507480	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	232730	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	443511	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	323956	20.00	ng	-0.01
86) Perylene-d12	15.58	264	282461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	471963	57.66	ng	-0.01
7) Phenol-d6	6.55	99	368821	35.63	ng	-0.02
23) Nitrobenzene-d5	7.51	82	773456	100.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	319791	158.27	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1223726	86.32	ng	-0.01
78) Terphenyl-d14	13.06	244	1238646	87.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	103878	15.05	ng	# 57
31) Naphthalene	8.24	128	256539	10.96	ng	98
32) Benzoic acid	8.00	122	4606	3.06	ng	# 34
33) 4-Chloroaniline	8.24	127	34197	3.33	ng	# 30
37) 2-Methylnaphthalene	9.04	142	193385	11.59	ng	# 90
45) 1,1'-Biphenyl	9.41	154	86363	4.75	ng	97
48) Acenaphthylene	9.84	152	137659	5.56	ng	96
49) Dimethylphthalate	9.69	163	96924	5.47	ng	# 97
51) Acenaphthene	10.01	154	204674	14.34	ng	88
57) Fluorene	10.53	166	109403	6.81	ng	91
64) 4,6-Dinitro-2-methylphenol	10.77	198	869	8.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	19637	3.98	ng	# 1
69) Pentachlorophenol	11.27	266	377	5.77	ng	# 59
70) Phenanthrene	11.49	178	367880	14.51	ng	97
71) Anthracene	11.54	178	50200	2.05	ng	97

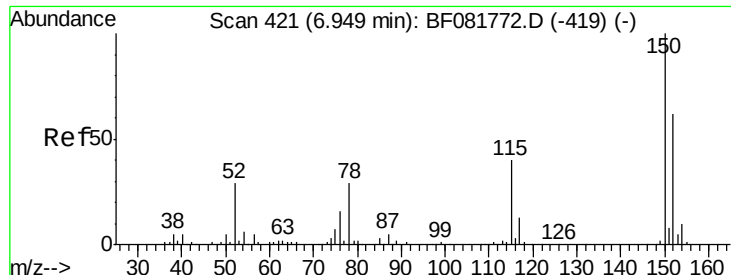
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081826.D
Acq On : 26 Sep 2015 14:24
Operator : UM/IZ
Sample : G3654-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Quant Time: Sep 28 03:12:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

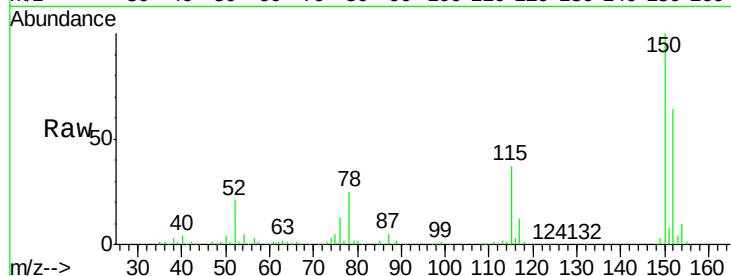
Tgt Ion:152 Resp: 138465

Ion Ratio Lower Upper

152 100

150 156.4 124.7 187.1

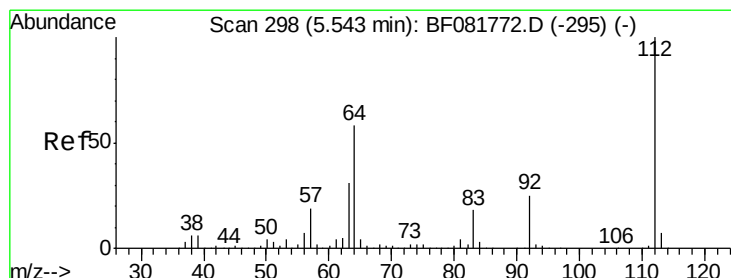
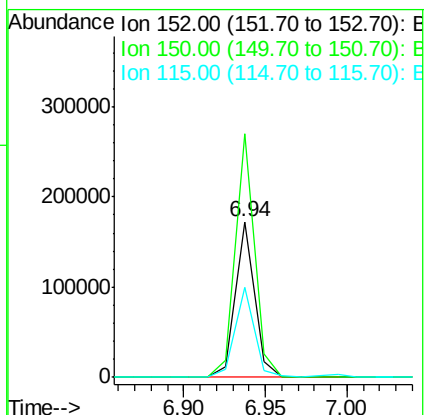
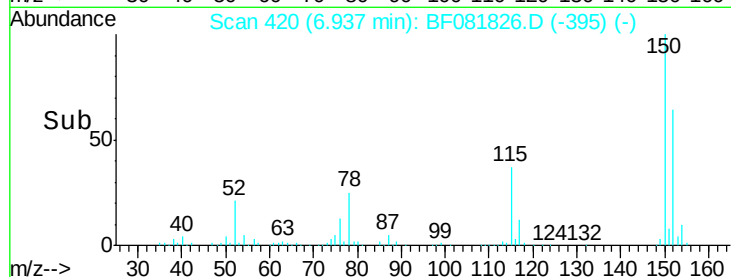
115 58.2 39.0 58.4



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: 57.66 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

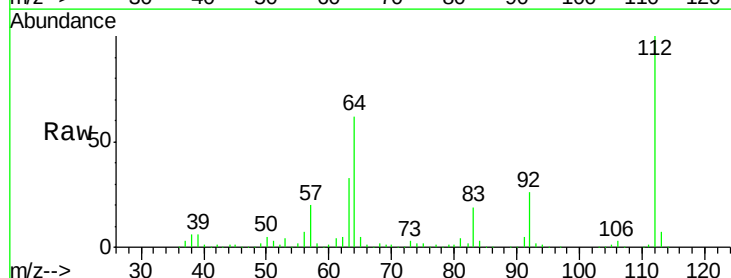
Tgt Ion:112 Resp: 471963

Ion Ratio Lower Upper

112 100

64 62.0 39.7 59.5#

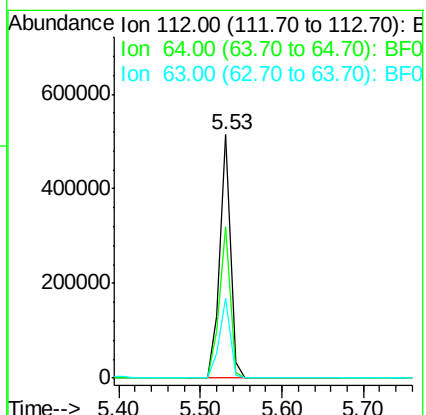
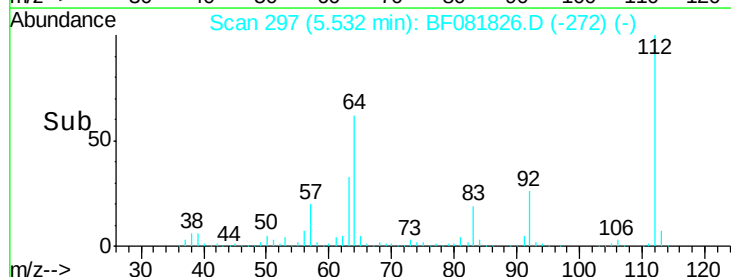
63 32.8 17.4 26.0#

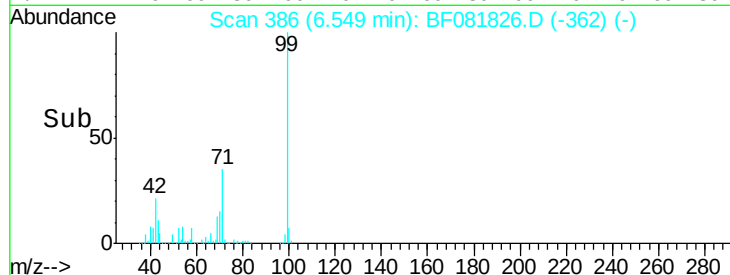
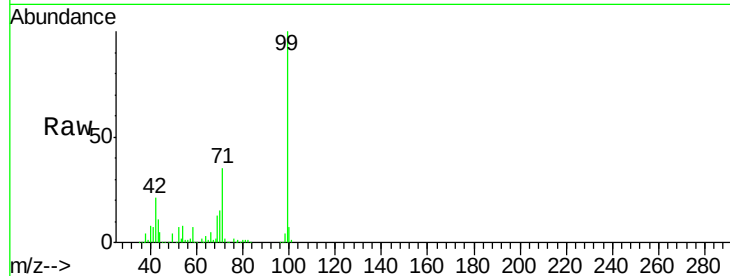
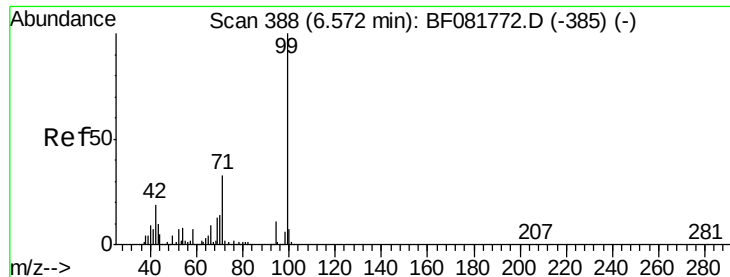


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.63 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

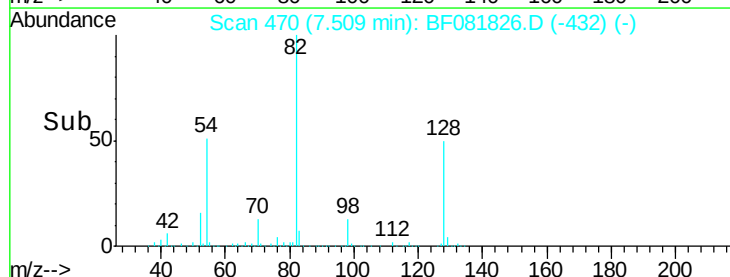
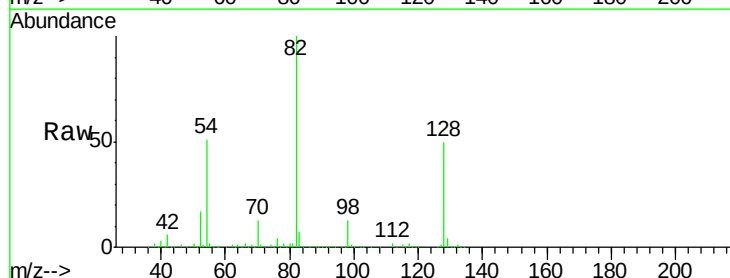
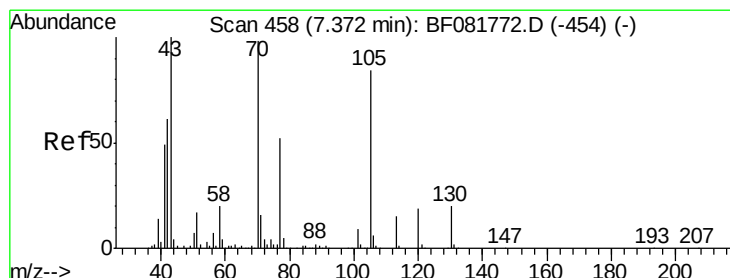
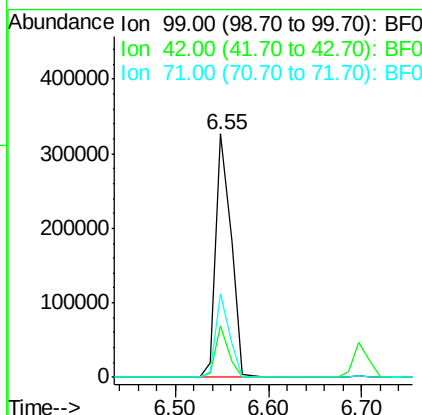
Tgt Ion: 99 Resp: 368821

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

71 34.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.05 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Tgt Ion: 70 Resp: 103878

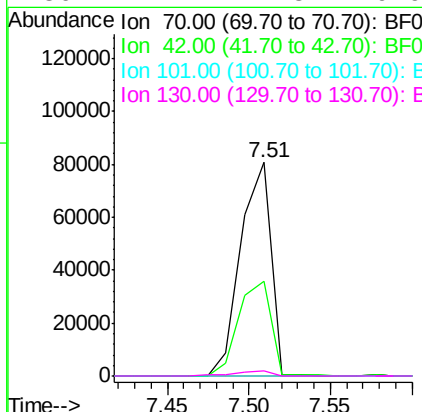
Ion Ratio Lower Upper

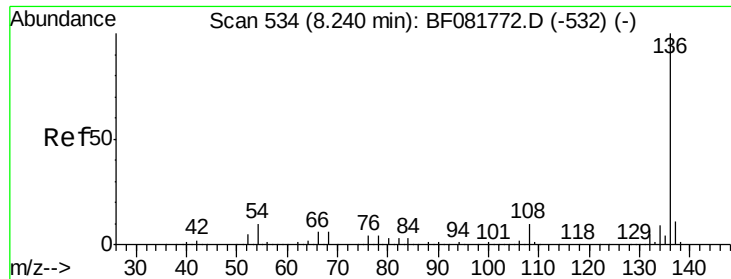
70 100

42 44.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 27.3 40.9#

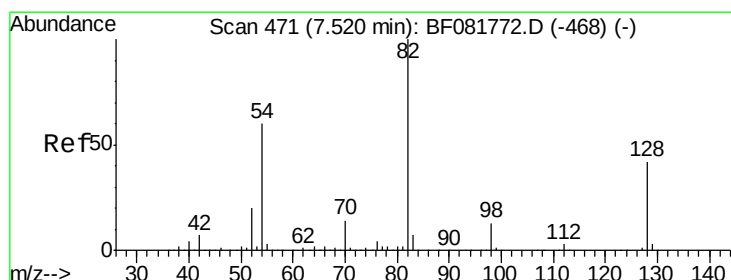
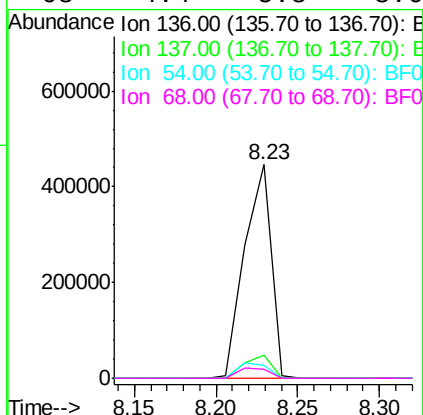
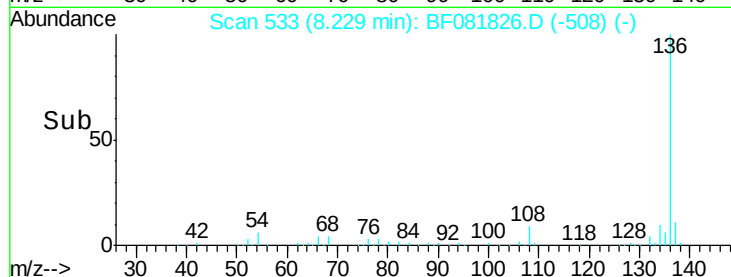
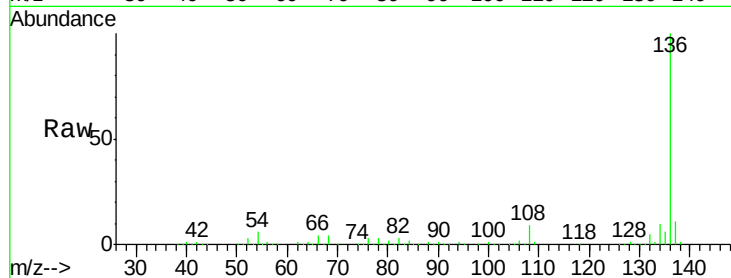




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

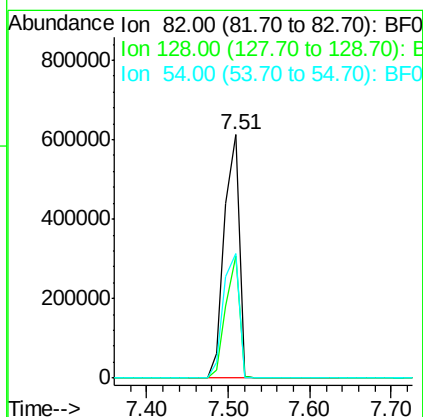
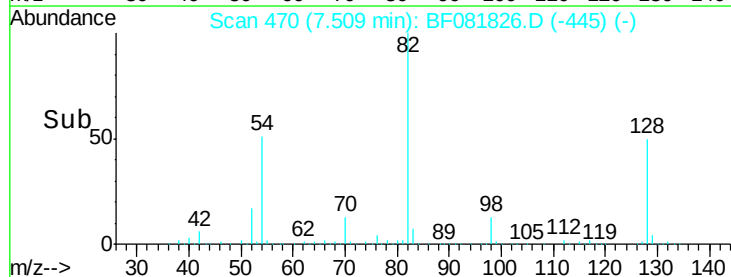
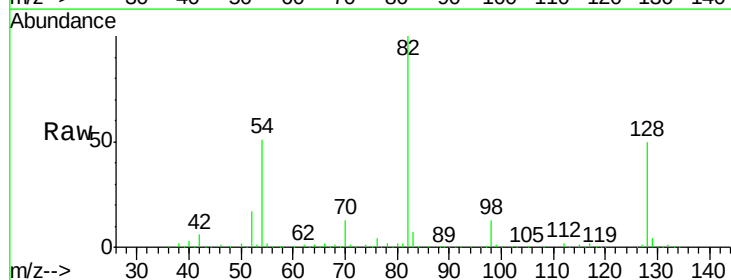
Instrument :
BNA_F
ClientSampleId :
MW-7BS

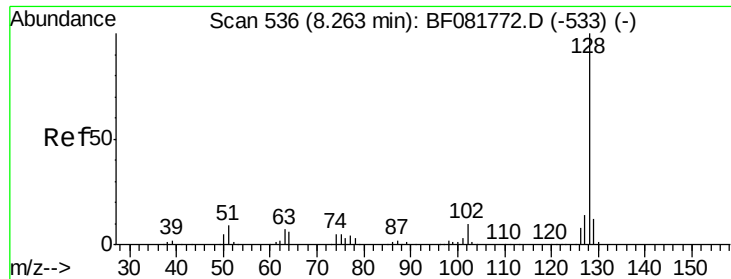
Tgt Ion:	136	Resp:	507480
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	6.1	8.2	12.2#
68	4.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 100.56 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:	82	Resp:	773456
Ion Ratio	Lower	Upper	
82	100		
128	50.3	51.0	76.6#
54	51.0	47.5	71.3

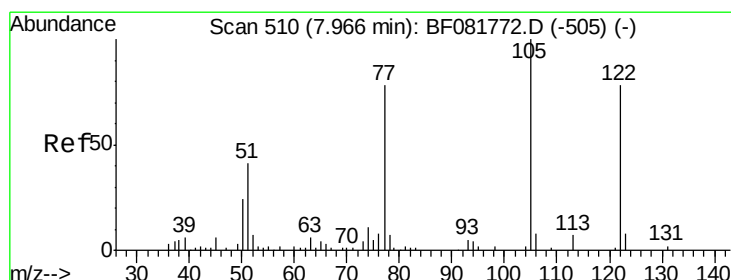
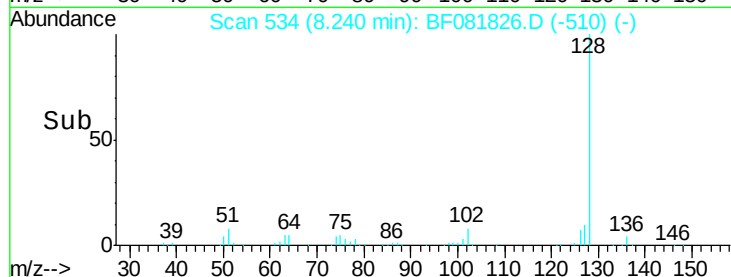
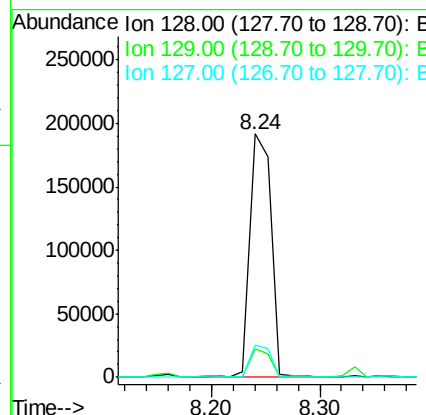
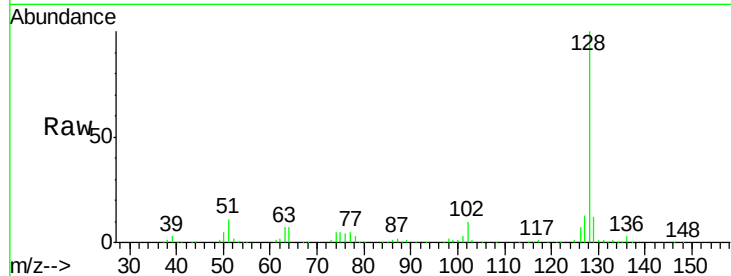




#31
Naphthalene
Concen: 10.96 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

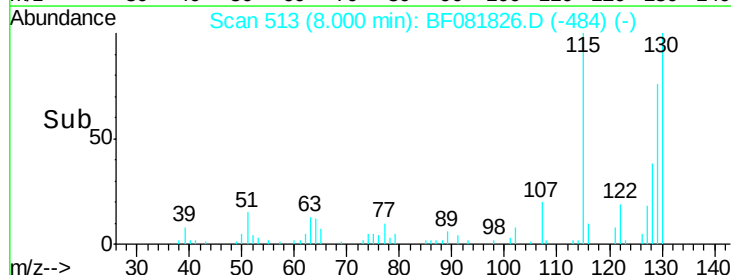
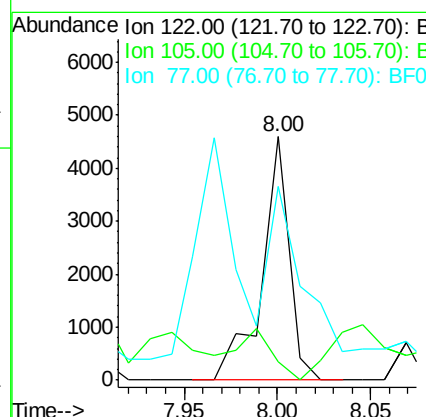
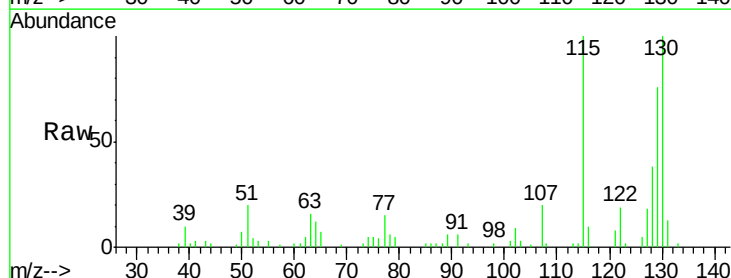
Instrument :
BNA_F
ClientSampleId :
MW-7BS

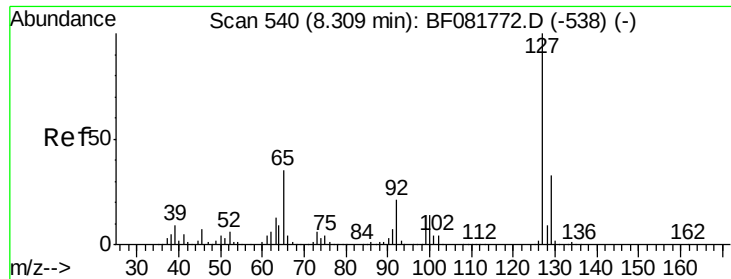
Tgt Ion:128 Resp: 256539
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 3.06 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.03 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:122 Resp: 4606
Ion Ratio Lower Upper
122 100
105 7.3 76.1 116.1#
77 79.7 40.5 80.5

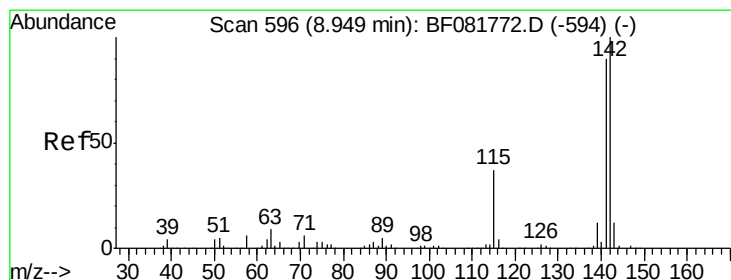
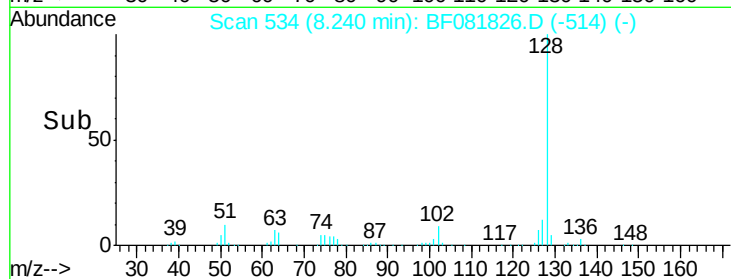
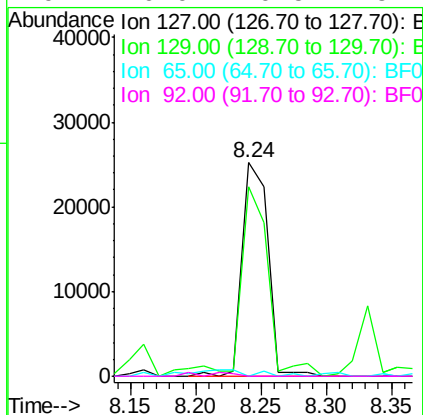
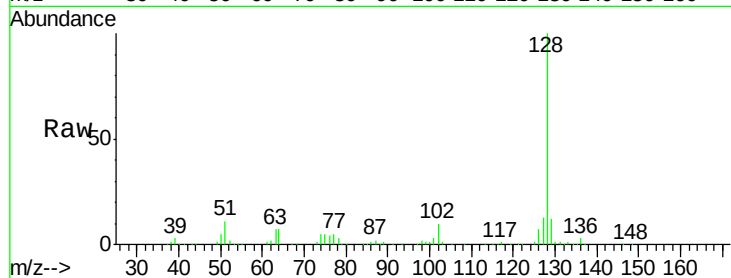




#33
 4-Chloroaniline
 Concen: 3.33 ng
 RT: 8.24 min Scan# 534
 Delta R.T. -0.07 min
 Lab File: BF081826.D
 Acq: 26 Sep 2015 14:24

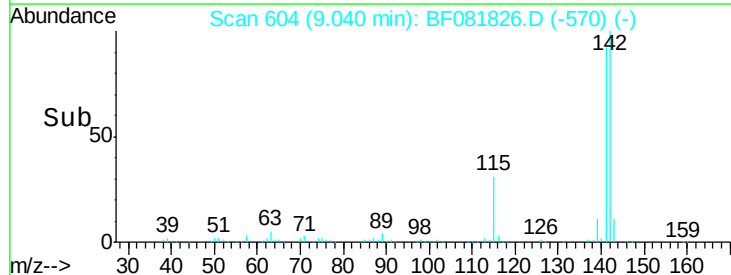
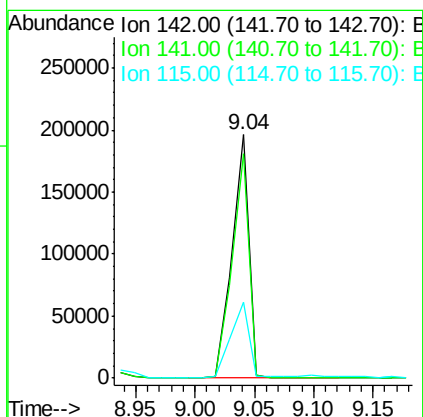
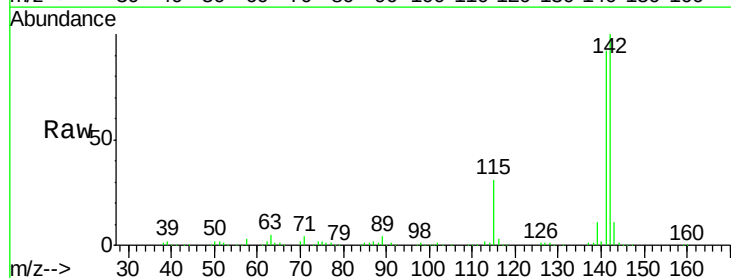
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

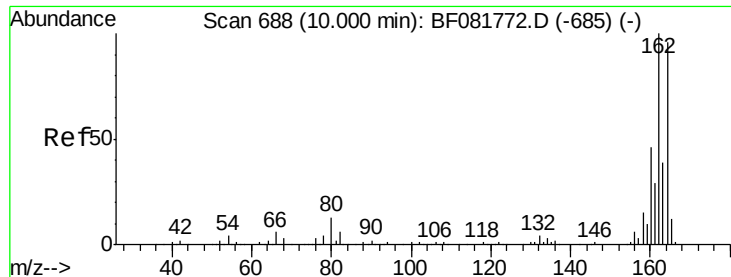
Tgt Ion:	127	Resp:	34197
Ion	Ratio	Lower	Upper
127	100		
129	88.7	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



#37
 2-Methylnaphthalene
 Concen: 11.59 ng
 RT: 9.04 min Scan# 604
 Delta R.T. 0.09 min
 Lab File: BF081826.D
 Acq: 26 Sep 2015 14:24

Tgt Ion:	142	Resp:	193385
Ion	Ratio	Lower	Upper
142	100		
141	92.2	67.5	101.3
115	31.2	18.2	27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

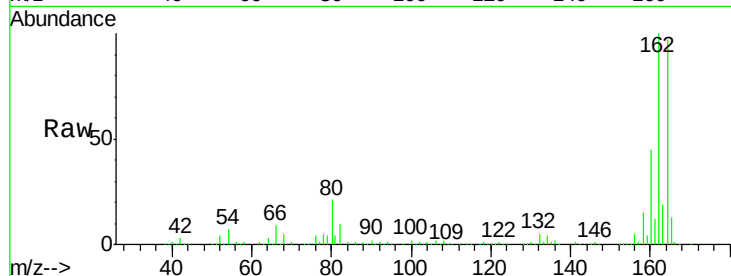
Tgt Ion:164 Resp: 232730

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

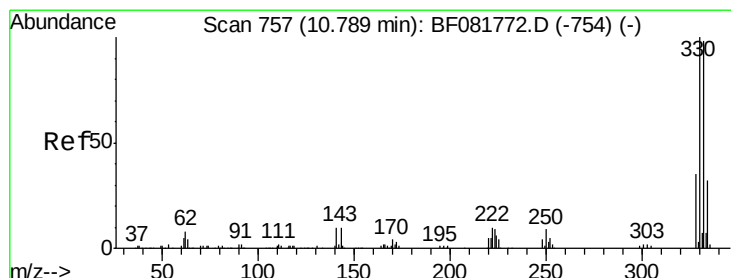
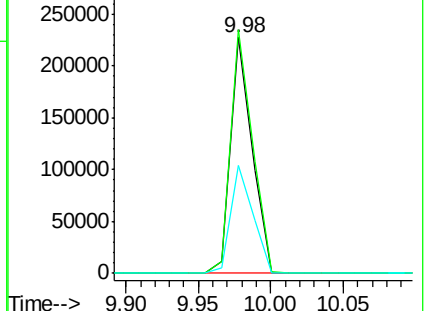
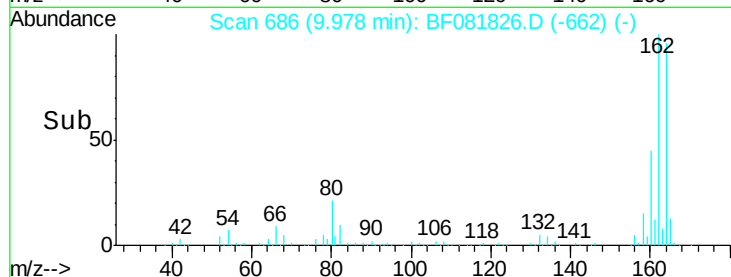
160 46.0 31.5 47.3



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: 158.27 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

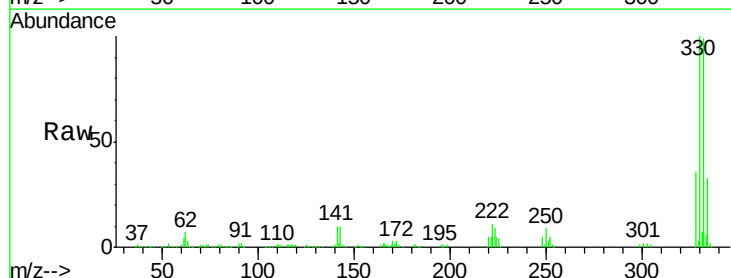
Tgt Ion:330 Resp: 319791

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

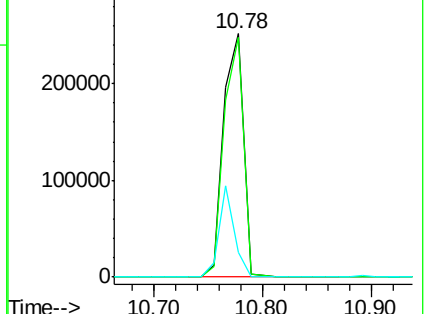
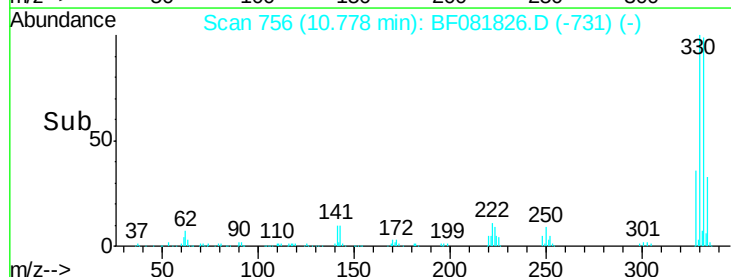
141 29.9 29.7 44.5

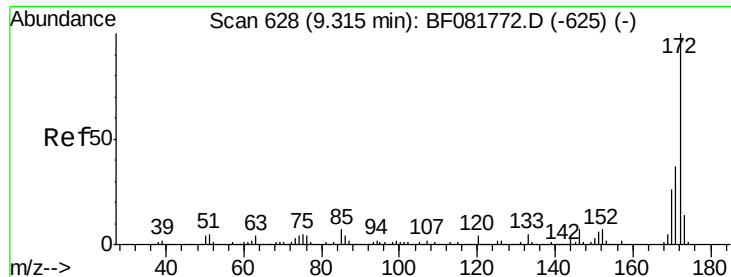


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

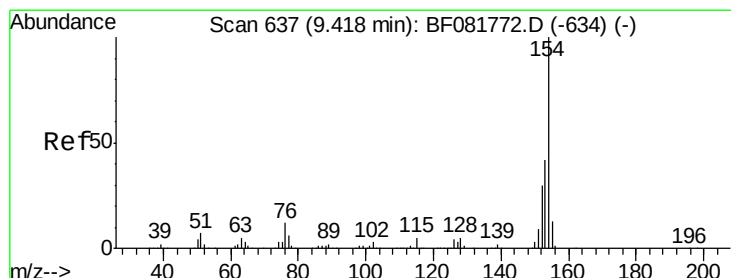
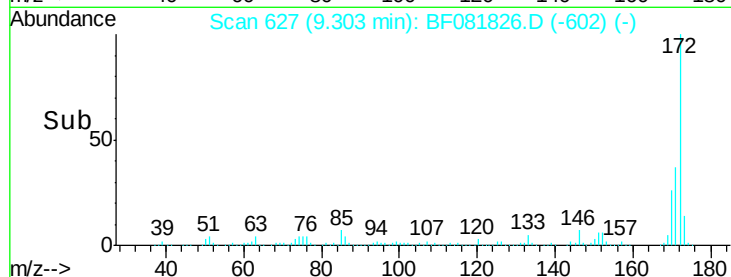
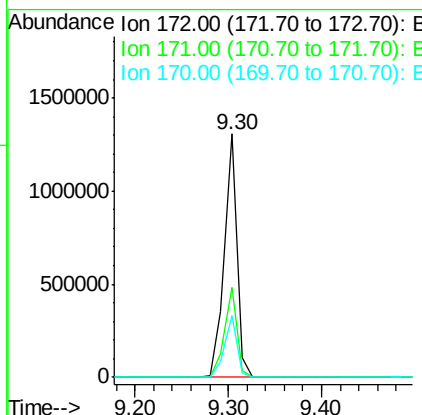
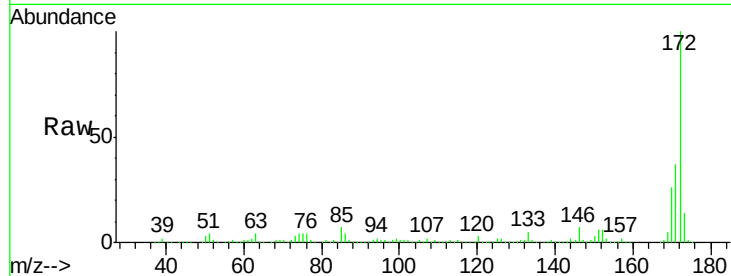




#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081826.D
 Acq: 26 Sep 2015 14:24

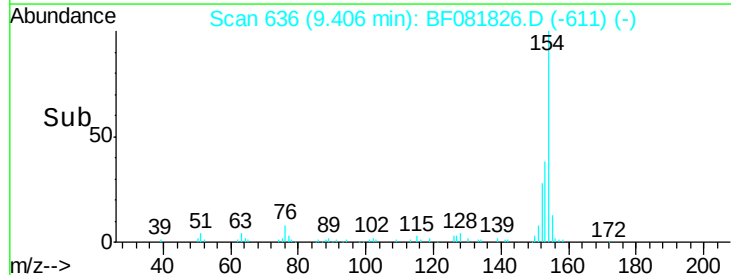
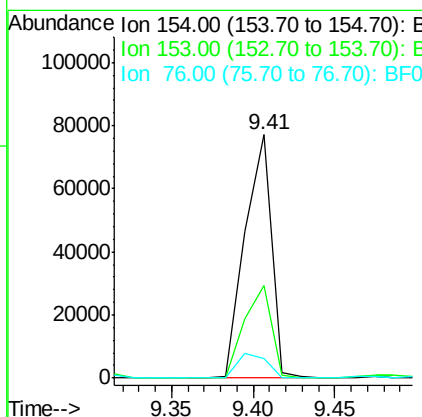
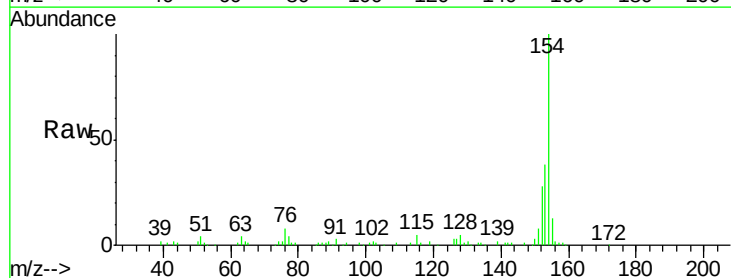
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BS

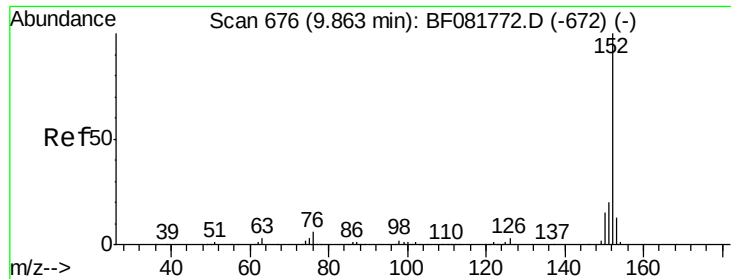
Tgt Ion:172 Resp: 1223726
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.6 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 4.75 ng
 RT: 9.41 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF081826.D
 Acq: 26 Sep 2015 14:24

Tgt Ion:154 Resp: 86363
 Ion Ratio Lower Upper
 154 100
 153 38.0 17.1 57.1
 76 7.9 0.0 31.6





#48

Acenaphthylene

Concen: 5.56 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

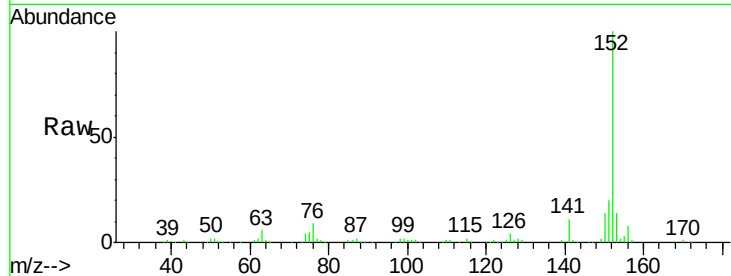
Tgt Ion:152 Resp: 137659

Ion Ratio Lower Upper

152 100

151 19.9 14.6 22.0

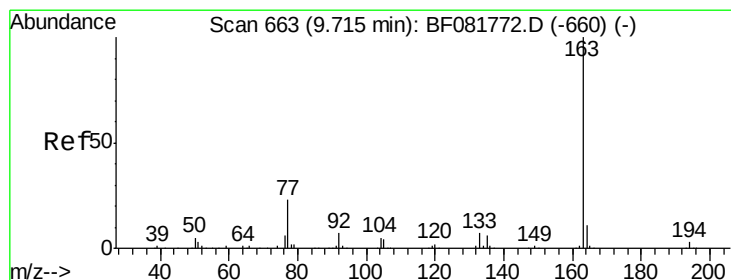
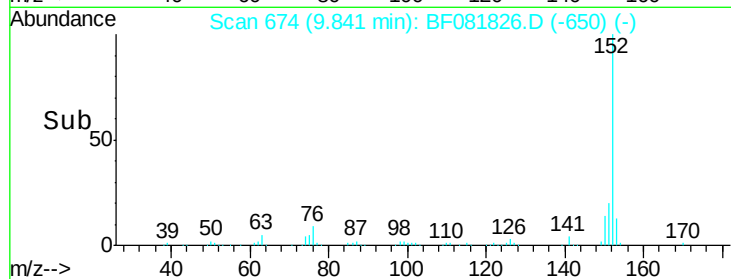
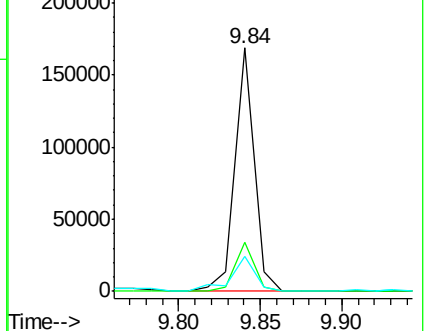
153 14.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.47 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

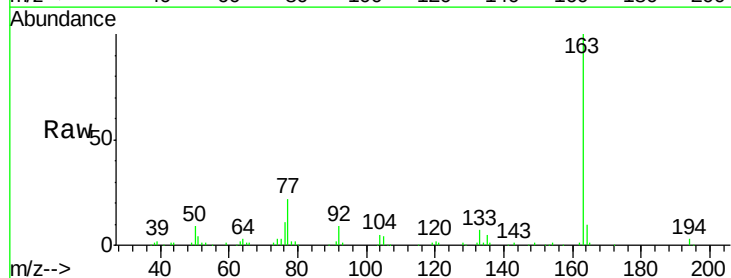
Tgt Ion:163 Resp: 96924

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

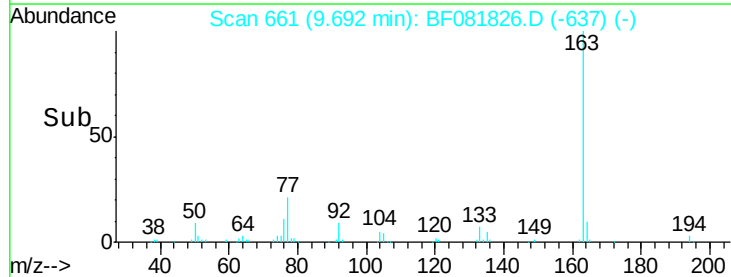
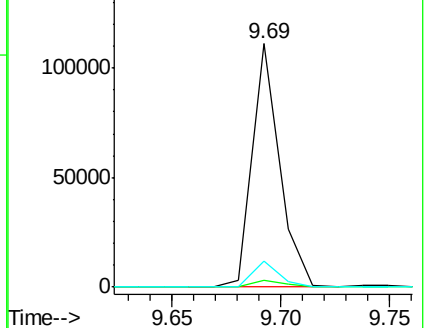
164 10.5 8.3 12.5

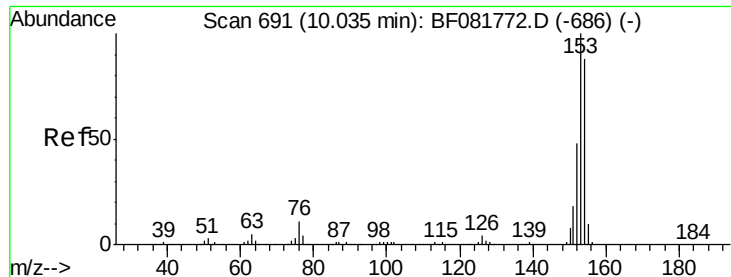


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 14.34 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

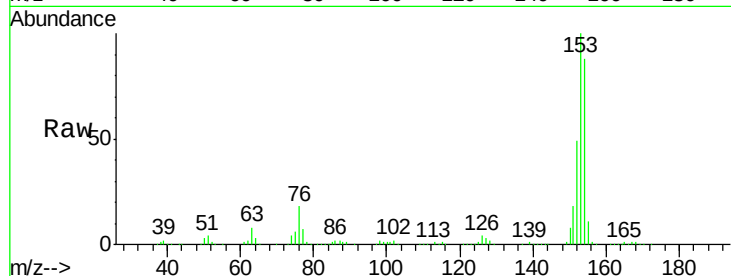
Tgt Ion:154 Resp: 204674

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

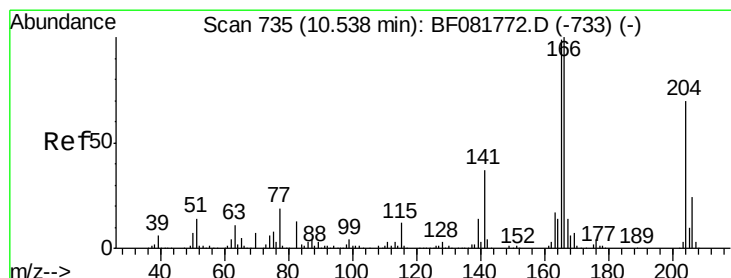
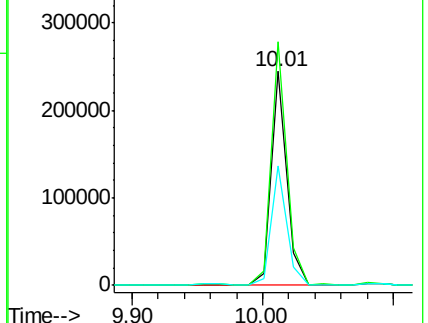
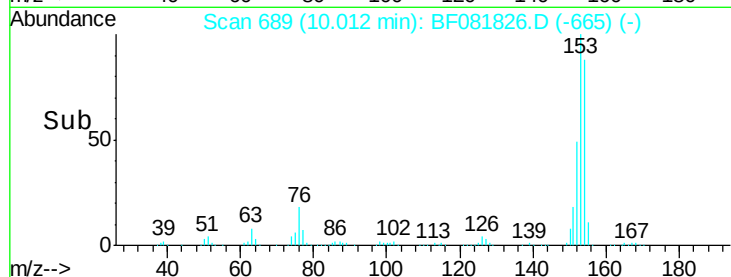
152 55.7 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 6.81 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

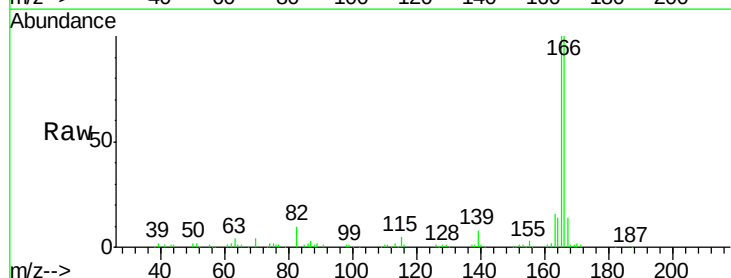
Tgt Ion:166 Resp: 109403

Ion Ratio Lower Upper

166 100

165 100.4 72.6 109.0

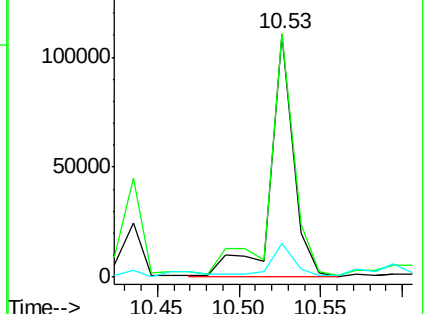
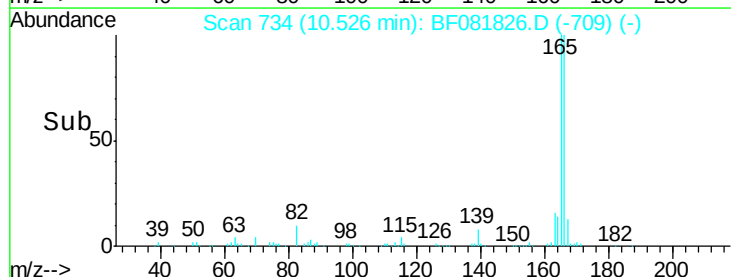
167 13.7 10.6 16.0

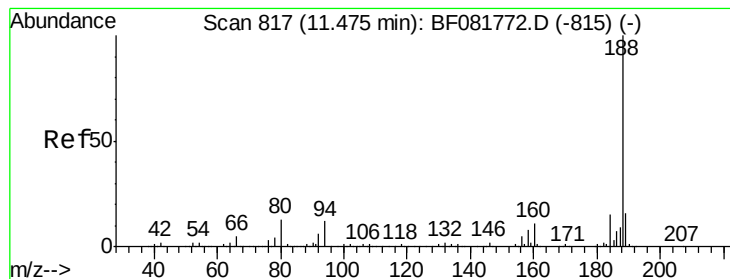


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

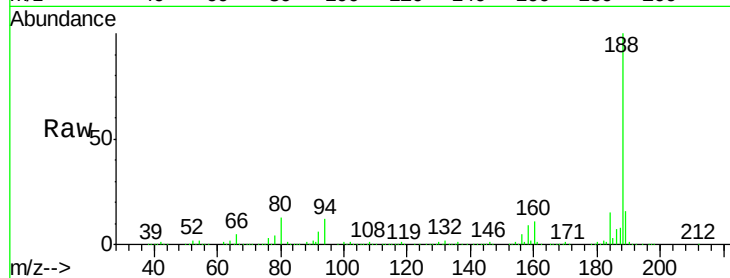
Tgt Ion:188 Resp: 443511

Ion Ratio Lower Upper

188 100

94 11.8 11.1 16.7

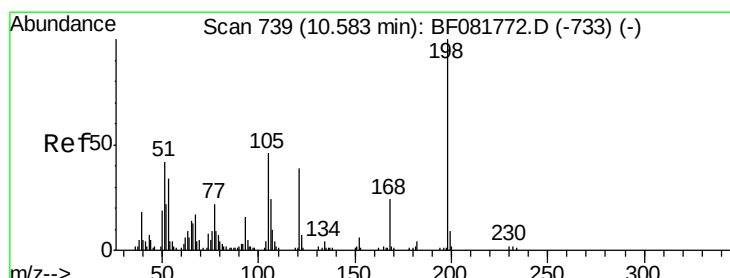
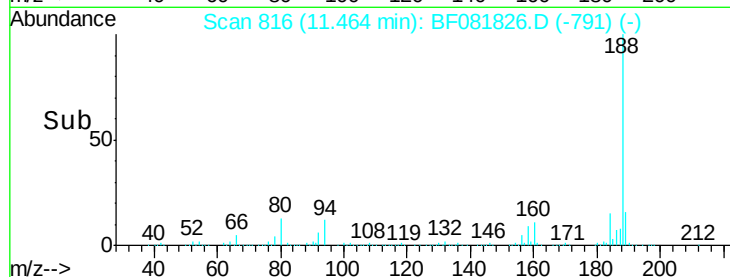
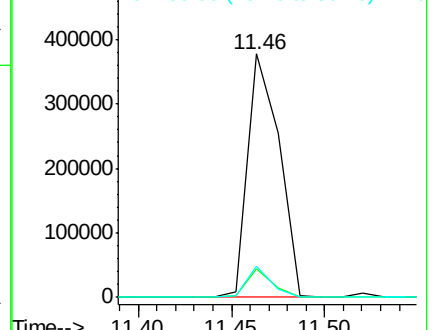
80 12.8 11.0 16.4



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: 8.78 ng

RT: 10.77 min Scan# 755

Delta R.T. 0.18 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

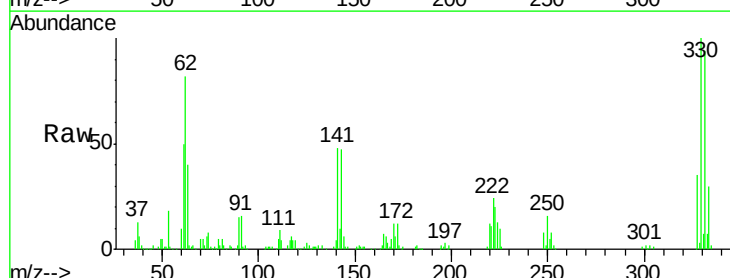
Tgt Ion:198 Resp: 869

Ion Ratio Lower Upper

198 100

51 243.4 39.6 79.6#

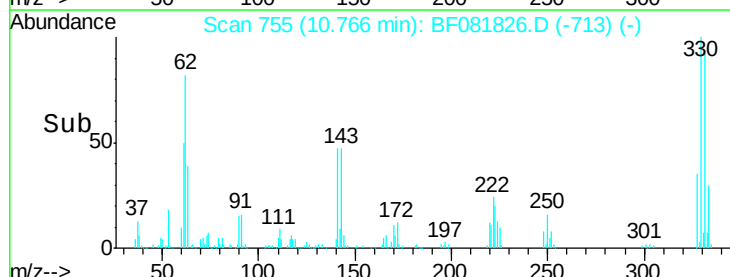
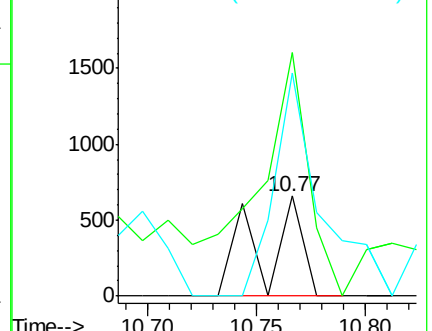
105 223.5 28.5 68.5#

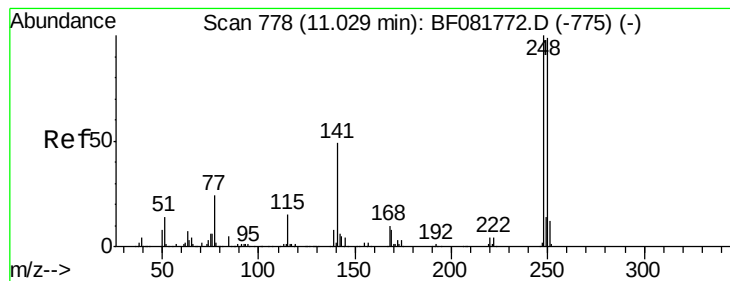


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.98 ng

RT: 10.77 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

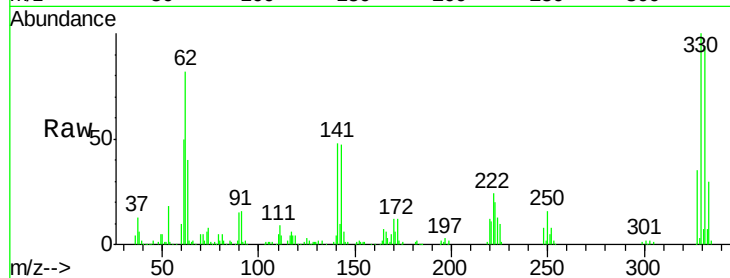
Tgt Ion:248 Resp: 19637

Ion Ratio Lower Upper

248 100

250 196.4 78.5 117.7#

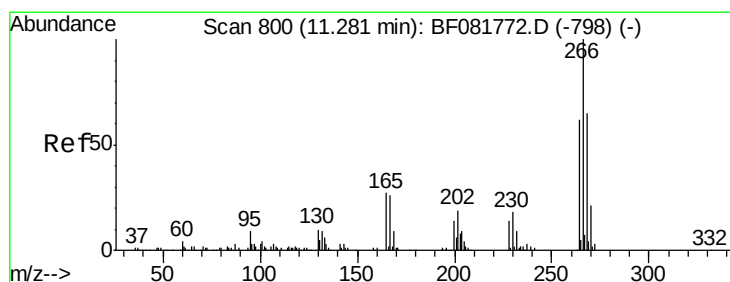
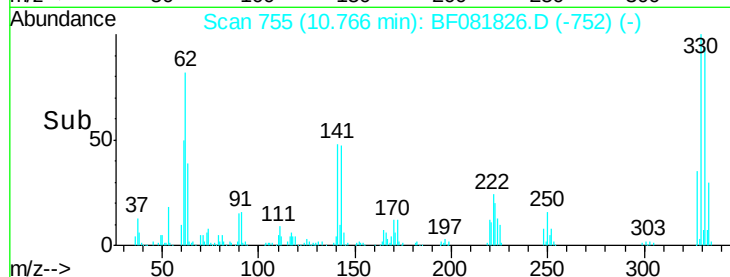
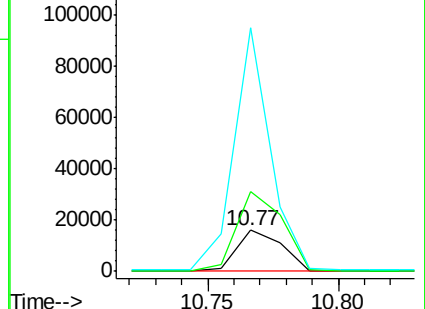
141 597.1 59.0 88.6#



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: 5.77 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

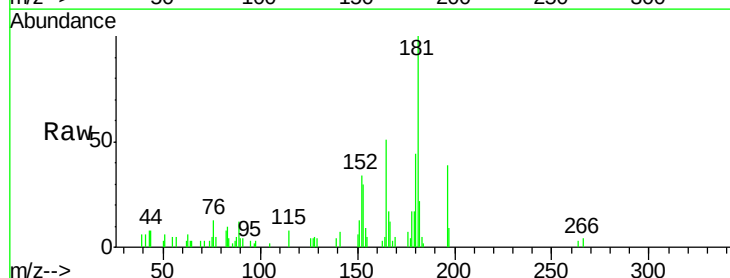
Tgt Ion:266 Resp: 377

Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

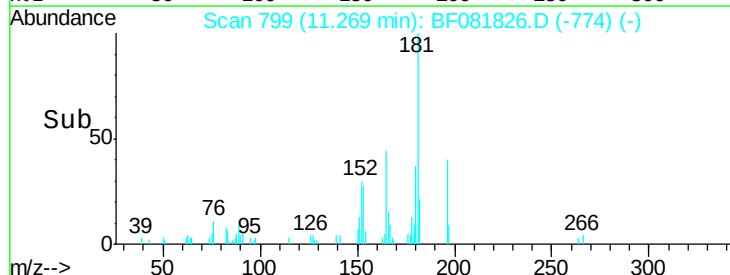
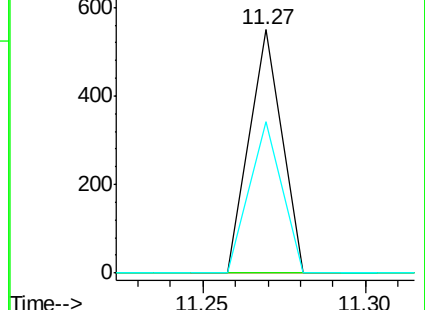
264 62.2 50.2 75.2

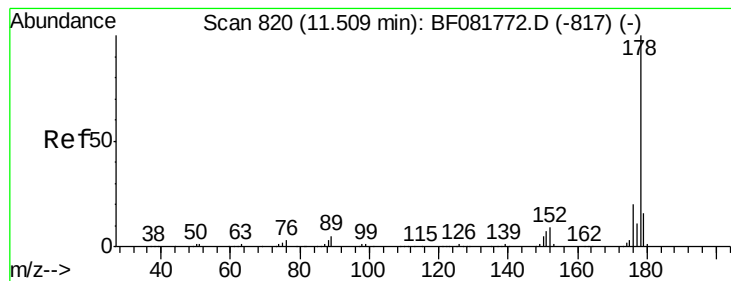


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 14.51 ng

RT: 11.49 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

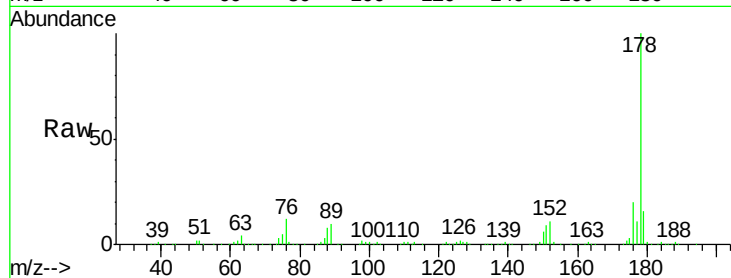
Tgt Ion:178 Resp: 367880

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

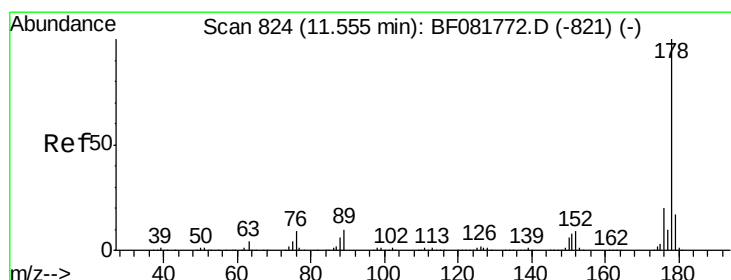
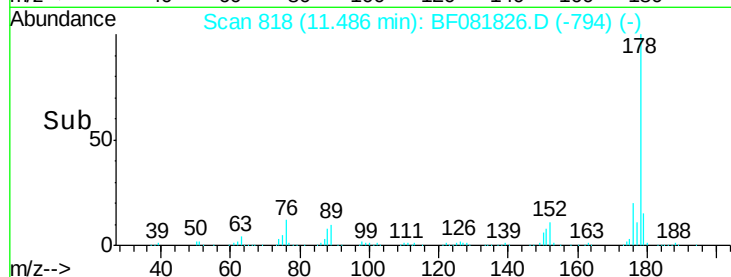
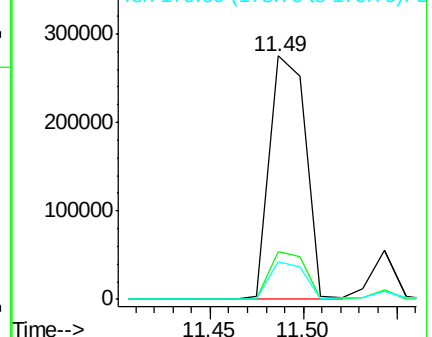
179 15.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.05 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

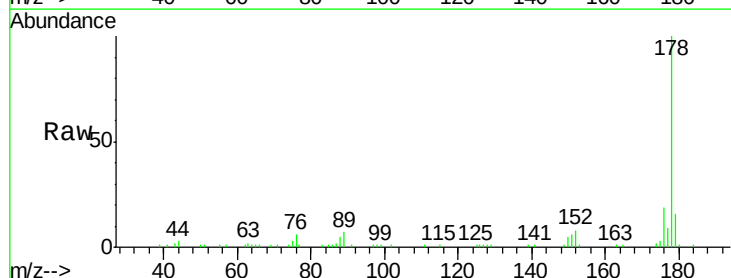
Tgt Ion:178 Resp: 50200

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

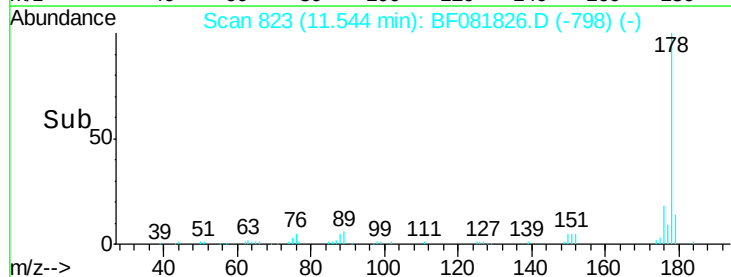
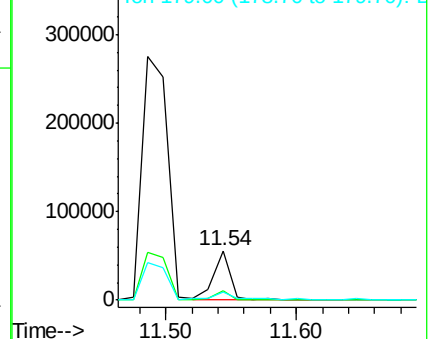
179 16.1 12.2 18.2

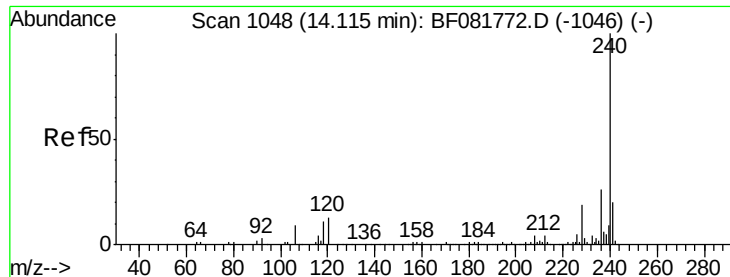


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

Instrument :

BNA_F

ClientSampleId :

MW-7BS

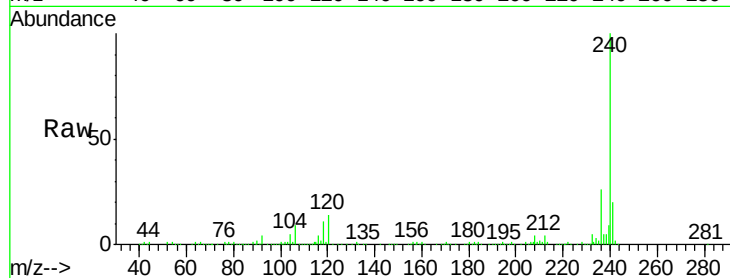
Tgt Ion:240 Resp: 323956

Ion Ratio Lower Upper

240 100

120 14.0 16.2 24.2#

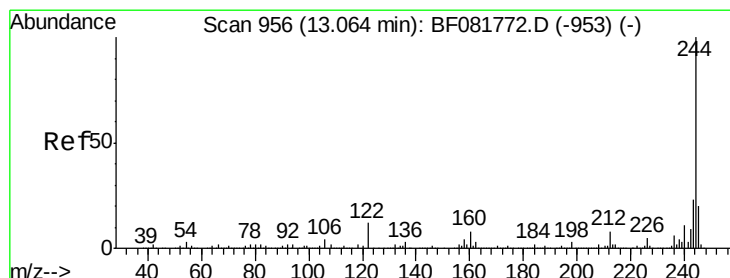
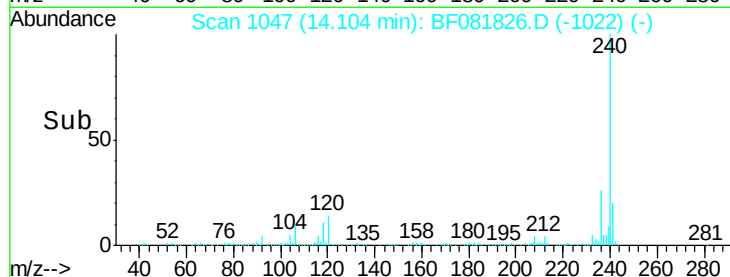
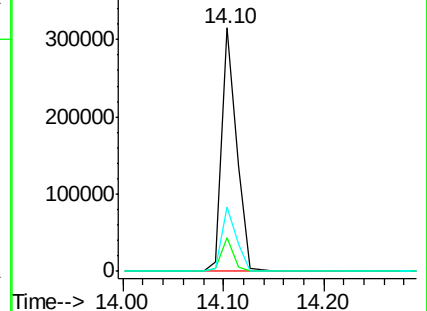
236 26.4 18.4 27.6



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: 87.34 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081826.D

Acq: 26 Sep 2015 14:24

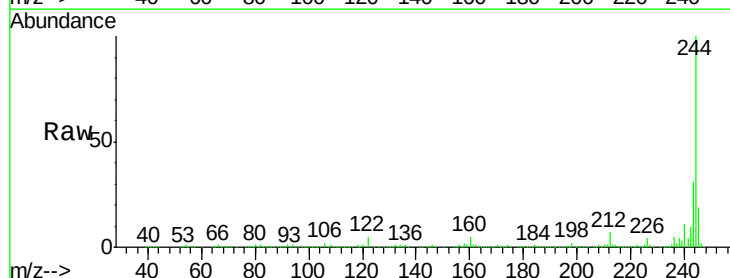
Tgt Ion:244 Resp: 1238646

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

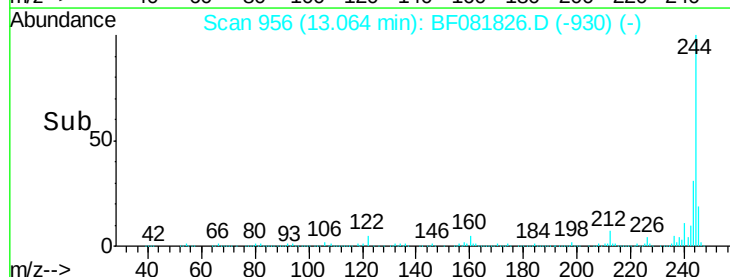
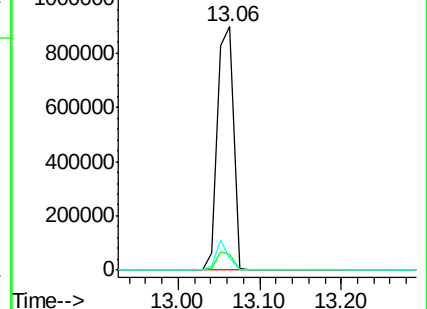
122 5.1 17.4 26.2#

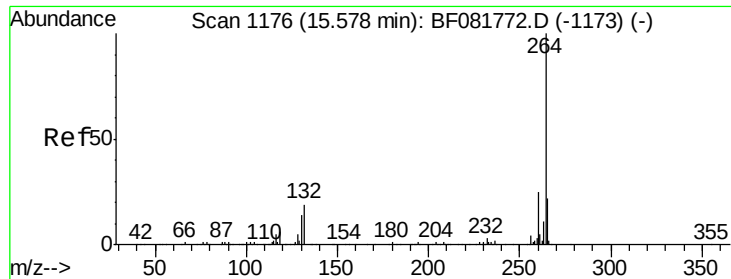


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.1	17.2	25.8

