

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082826.D
 Acq On : 8 Nov 2015 6:58
 Operator : UM/IZ
 Sample : G4261-09RE
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-3RE

Quant Time: Nov 09 00:14:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

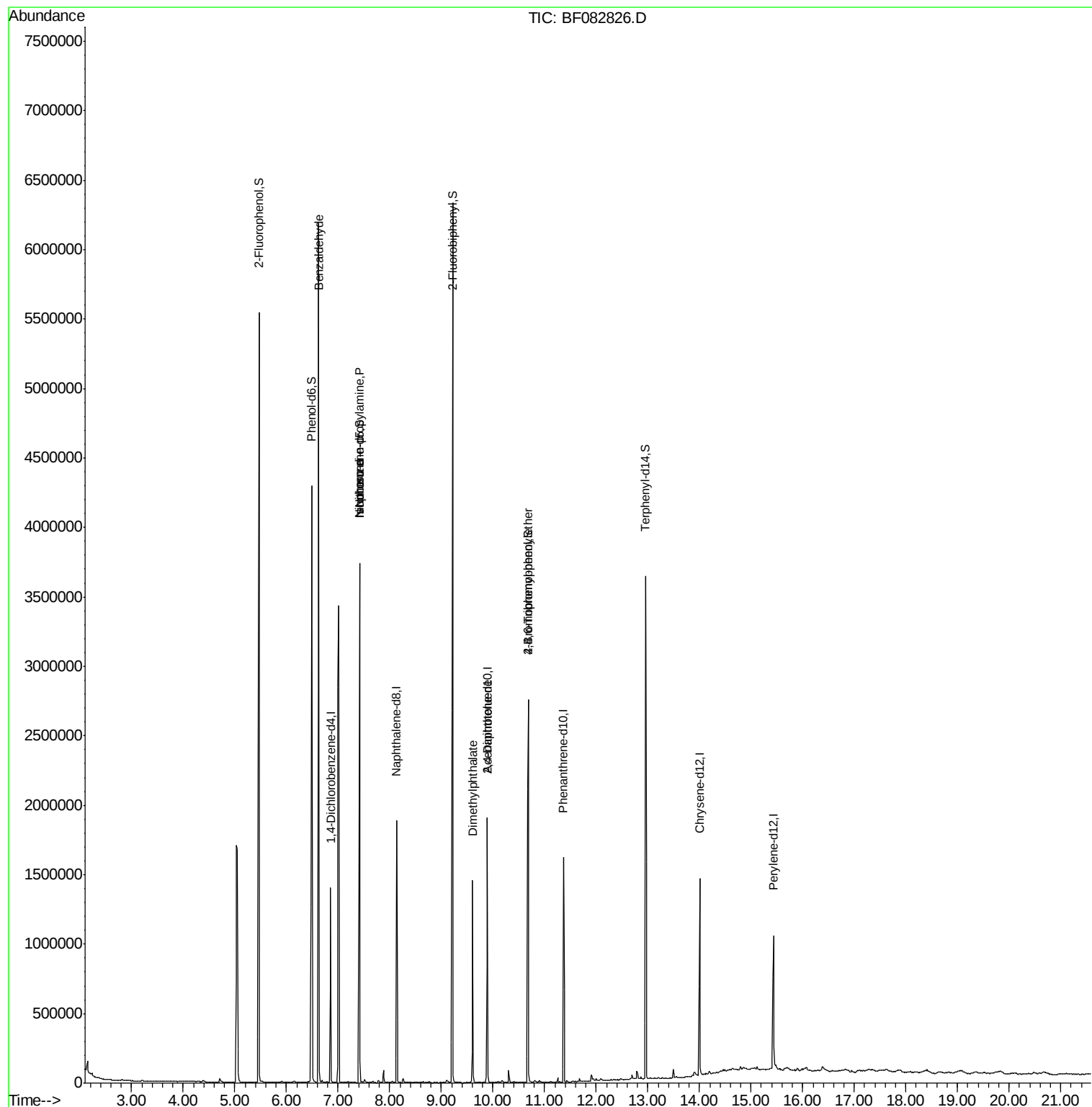
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	232659	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	807010	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	417509	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	644891	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	549850	20.00	ng	-0.01
86) Perylene-d12	15.44	264	486511	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1677079	112.16	ng	0.02
7) Phenol-d6	6.49	99	2180134	109.67	ng	0.01
23) Nitrobenzene-d5	7.41	82	1315689	70.94	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	437016	91.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2068943	71.02	ng	0.00
78) Terphenyl-d14	12.96	244	1267669	54.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	48240	4.39	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	182946	12.52	ng	# 71
25) Isophorone	7.41	82	1282627	37.38	ng	# 69
49) Dimethylphthalate	9.61	163	520907	15.23	ng	99
56) 2,4-Dinitrotoluene	9.89	165	53109	5.36	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	31882	4.11	ng	# 1

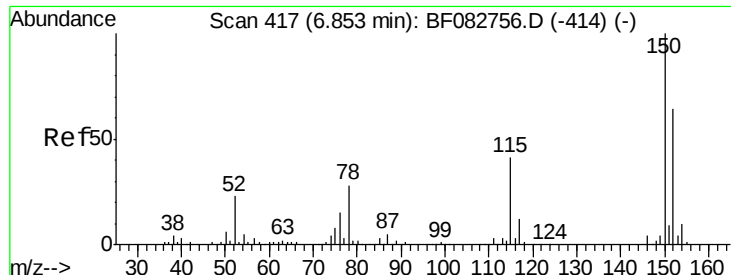
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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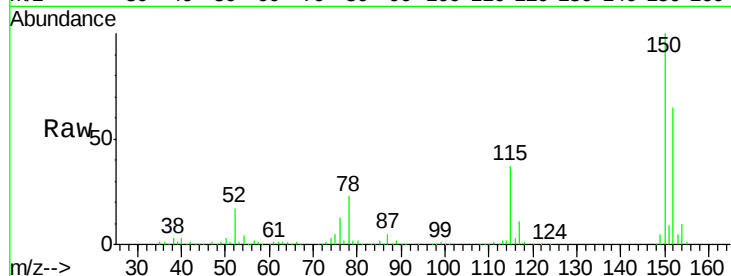




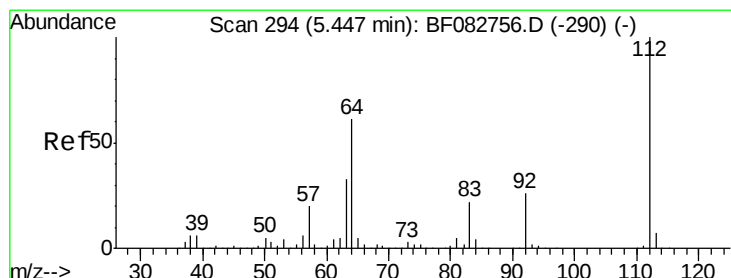
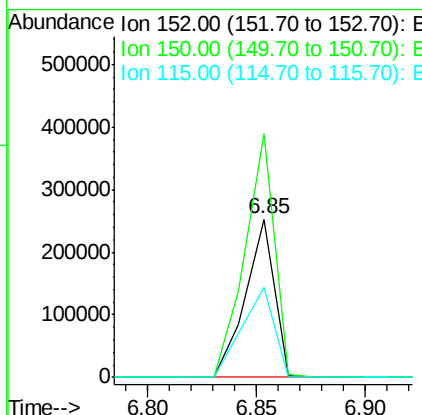
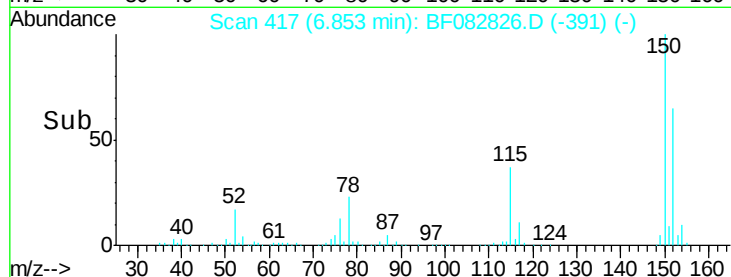
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DW-3RE

Tgt Ion:152 Resp: 232659
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.0 190.4
 115 56.8 47.0 70.6

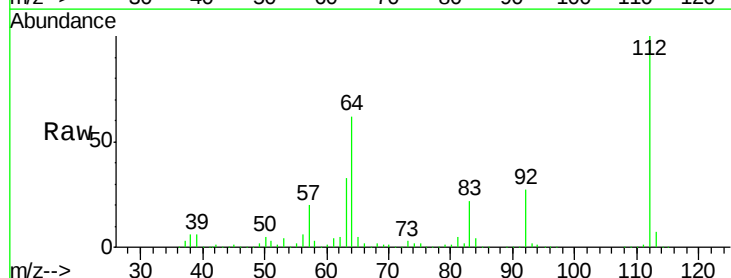


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

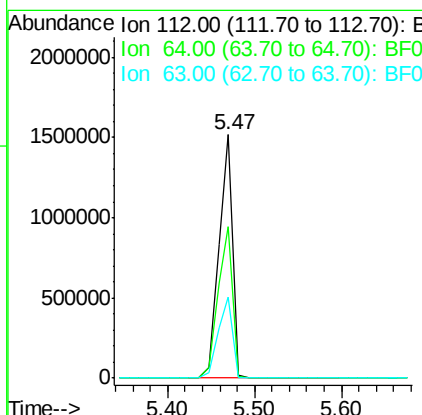
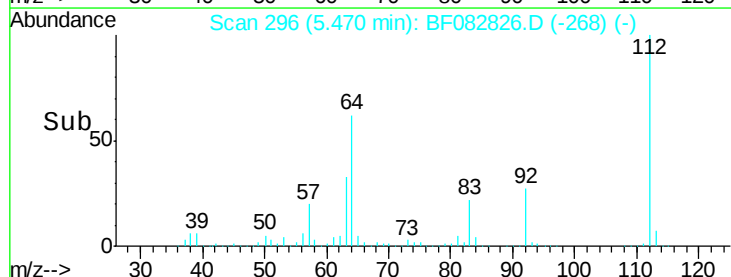


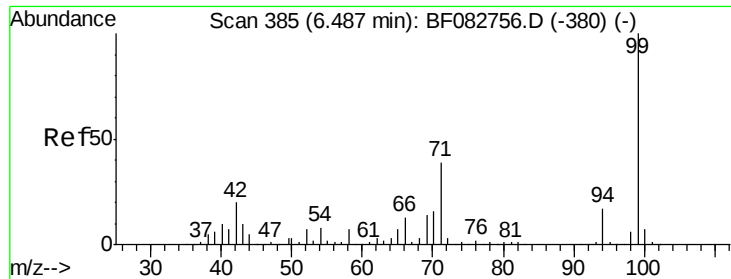
#5
 2-Fluorophenol
 Concen: 112.16 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Tgt Ion:112 Resp: 1677079
 Ion Ratio Lower Upper
 112 100
 64 62.3 48.9 73.3
 63 33.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.67 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082826.D

Acq: 8 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleId :

DW-3RE

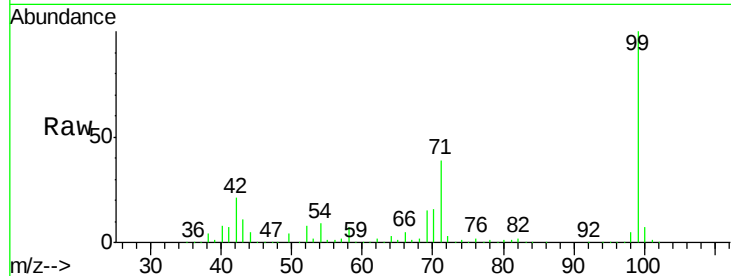
Tgt Ion: 99 Resp: 2180134

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

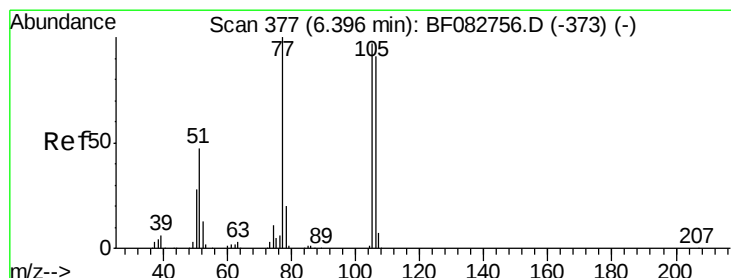
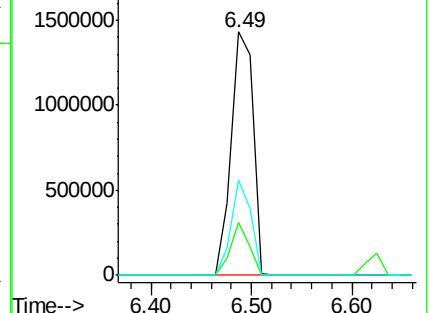
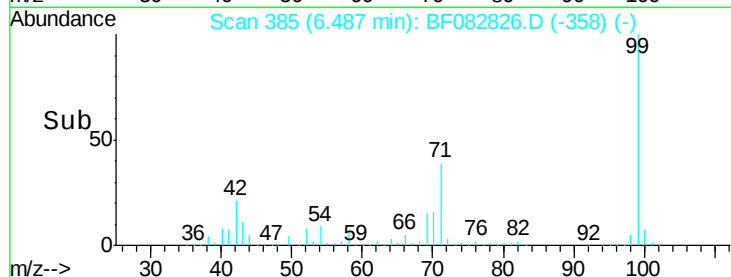
71 39.2 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.39 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082826.D

Acq: 8 Nov 2015 6:58

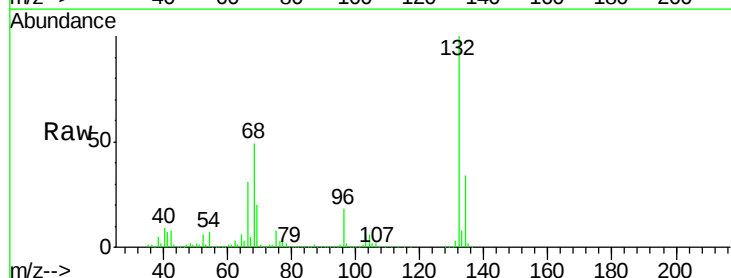
Tgt Ion: 77 Resp: 48240

Ion Ratio Lower Upper

77 100

105 73.6 63.5 103.5

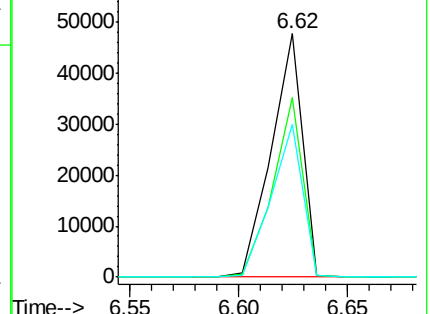
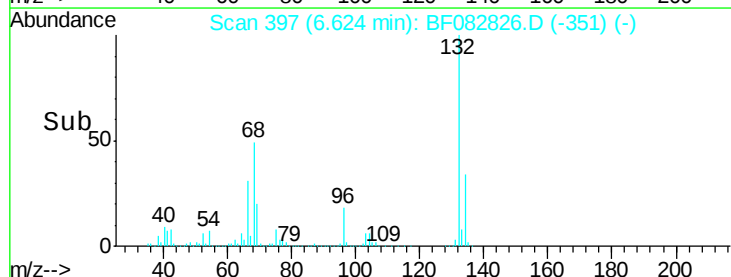
106 62.8 59.3 99.3

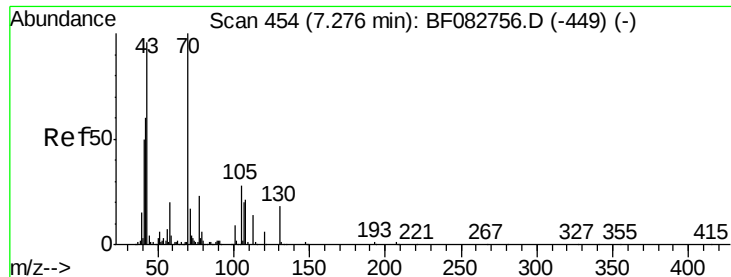


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

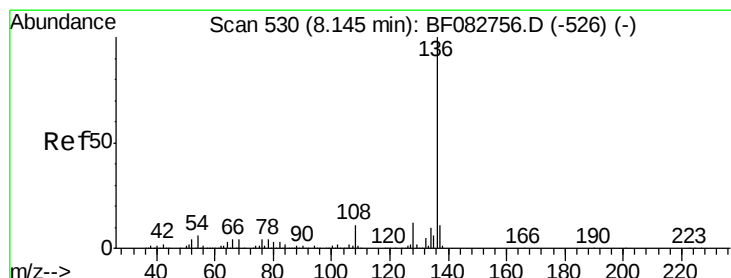
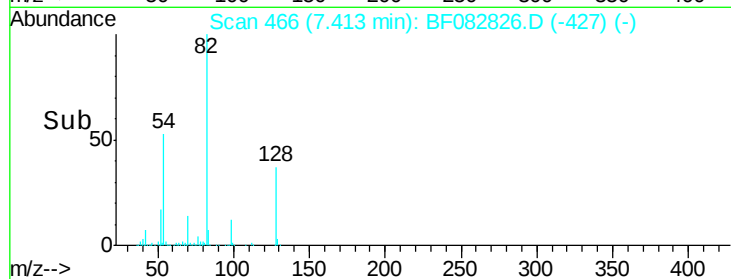
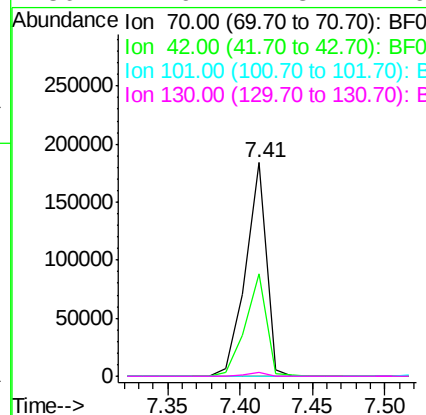
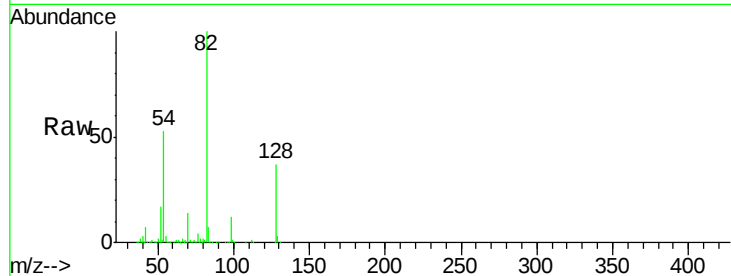




#19
n-Nitroso-di-n-propylamine
Concen: 12.52 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082826.D
Acq: 8 Nov 2015 6:58

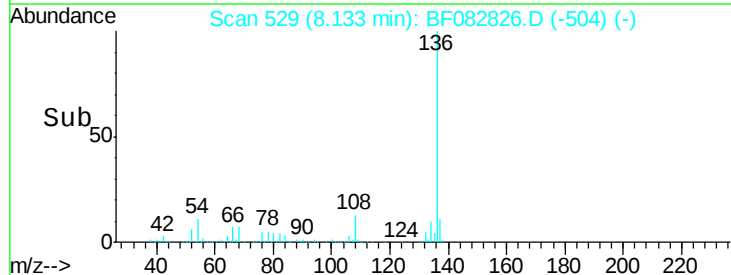
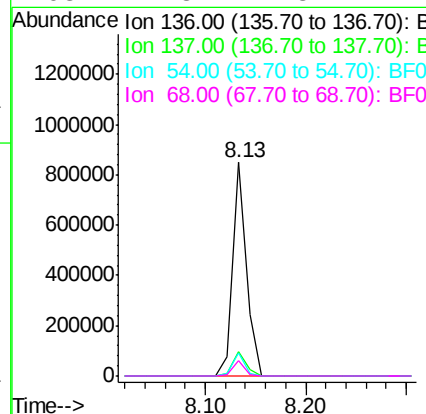
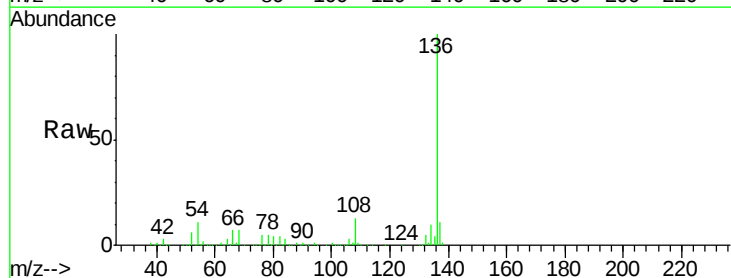
Instrument :
BNA_F
ClientSampled :
DW-3RE

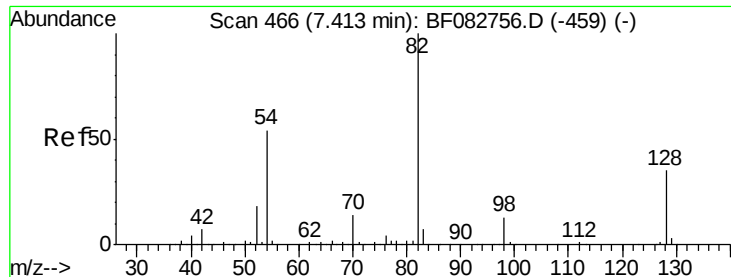
Tgt Ion: 70 Resp: 182946
Ion Ratio Lower Upper
70 100
42 47.7 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082826.D
Acq: 8 Nov 2015 6:58

Tgt Ion:136 Resp: 807010
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.7 9.1 13.7
68 7.3 4.8 7.2#

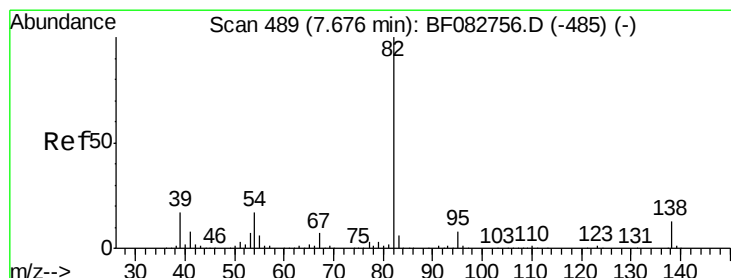
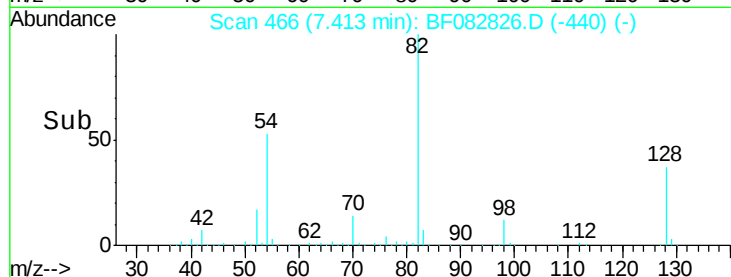
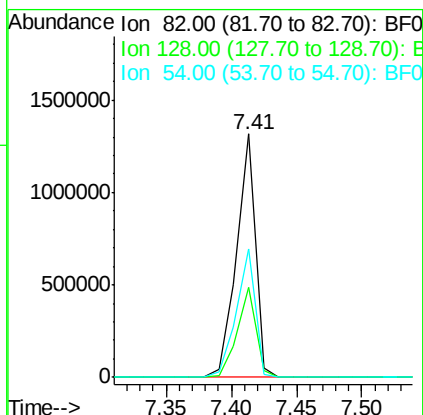
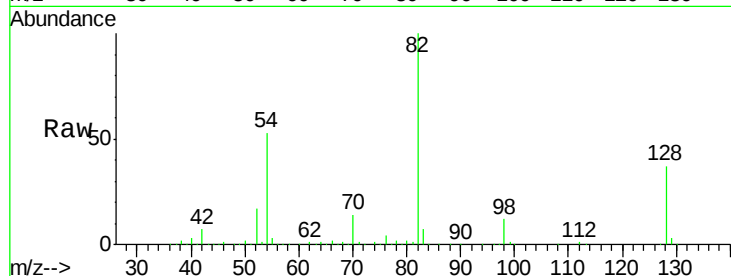




#23
 Nitrobenzene-d5
 Concen: 70.94 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

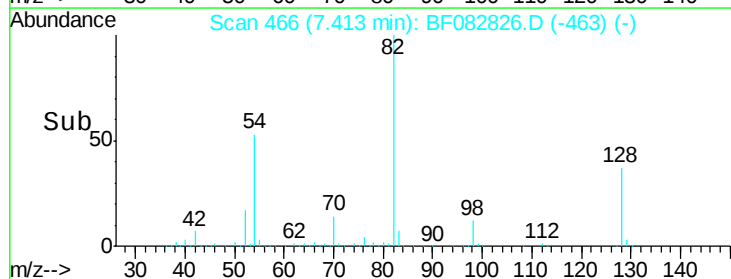
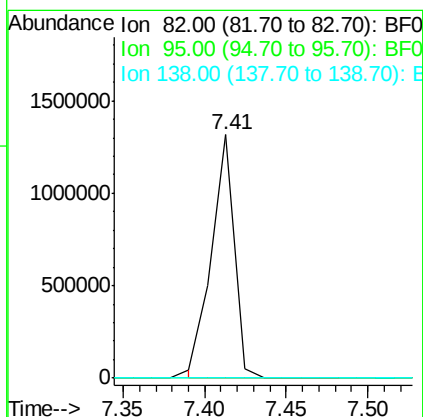
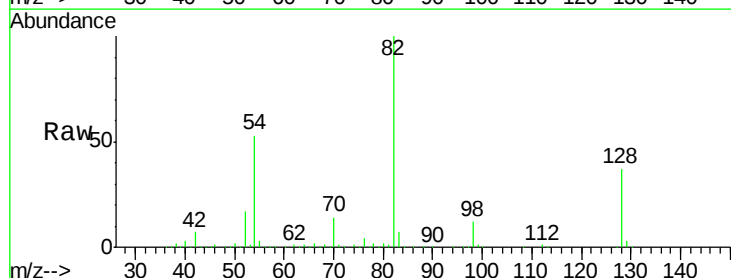
Instrument :
 BNA_F
 ClientSampleId :
 DW-3RE

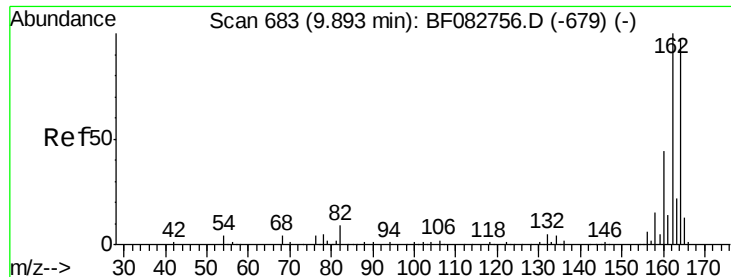
Tgt Ion: 82 Resp: 1315689
 Ion Ratio Lower Upper
 82 100
 128 36.9 26.8 40.2
 54 52.8 45.7 68.5



#25
 Isophorone
 Concen: 37.38 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Tgt Ion: 82 Resp: 1282627
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082826.D

Acq: 8 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleID :

DW-3RE

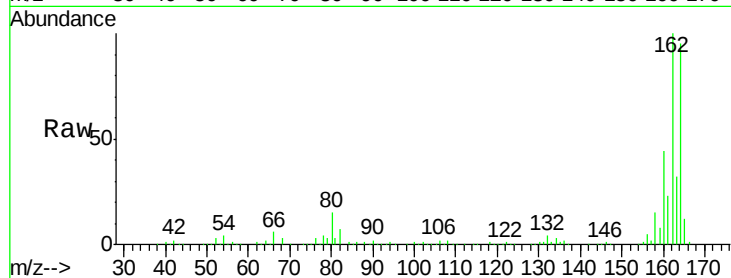
Tgt Ion:164 Resp: 417509

Ion Ratio Lower Upper

164 100

162 105.1 84.9 127.3

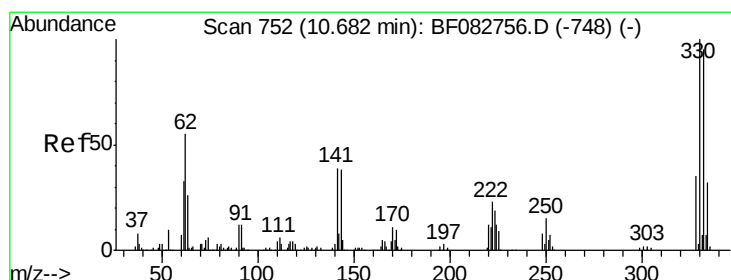
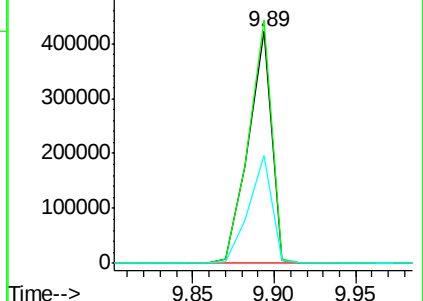
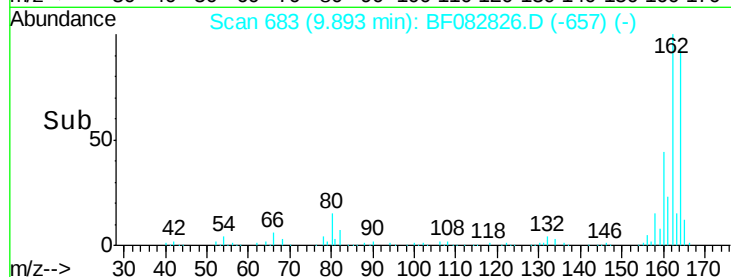
160 46.7 37.5 56.3



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: 91.29 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082826.D

Acq: 8 Nov 2015 6:58

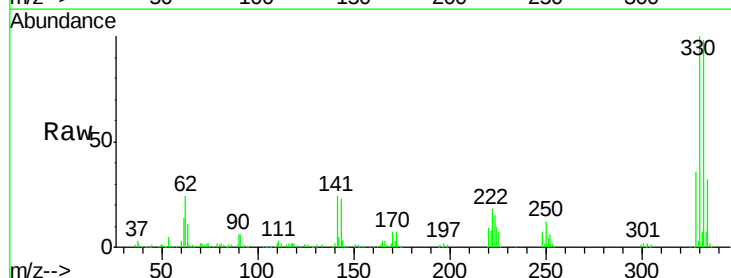
Tgt Ion:330 Resp: 437016

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

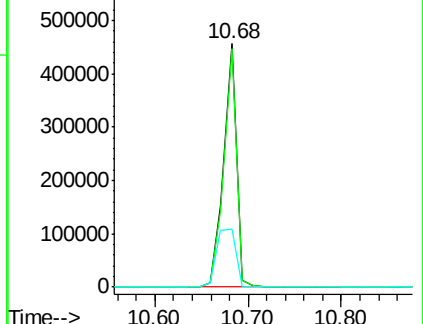
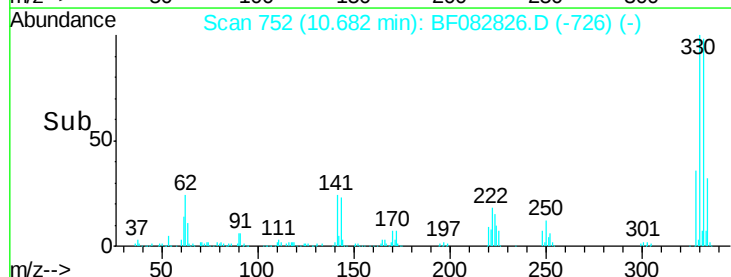
141 35.7 41.2 61.8#

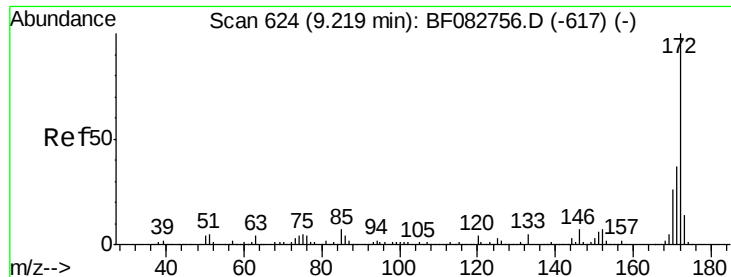


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

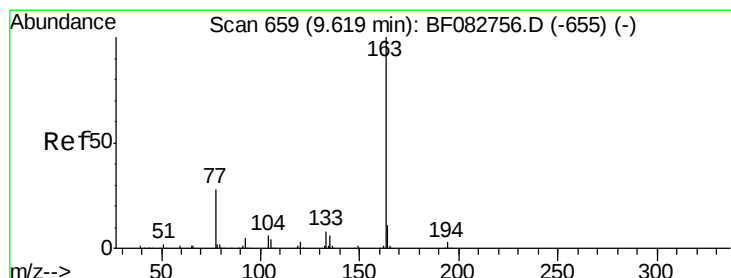
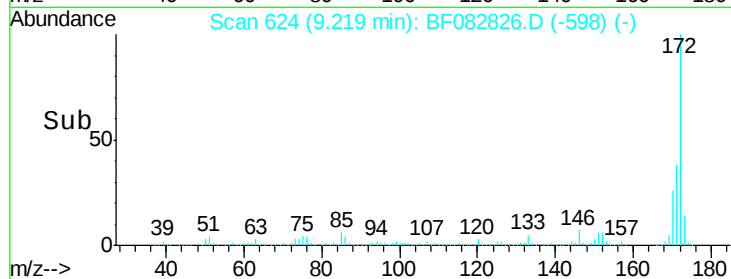
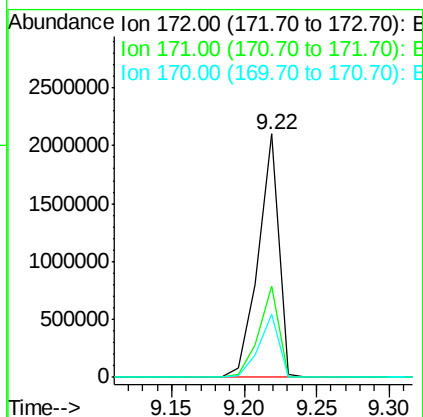
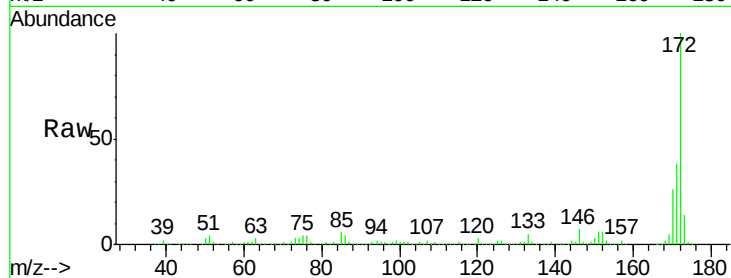




#44
 2-Fluorobiphenyl
 Concen: 71.02 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

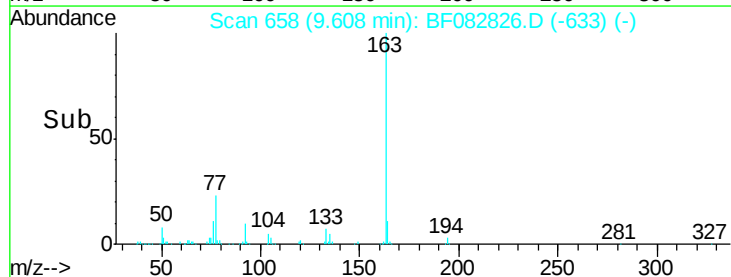
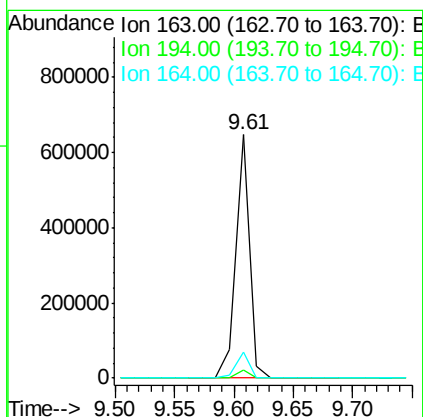
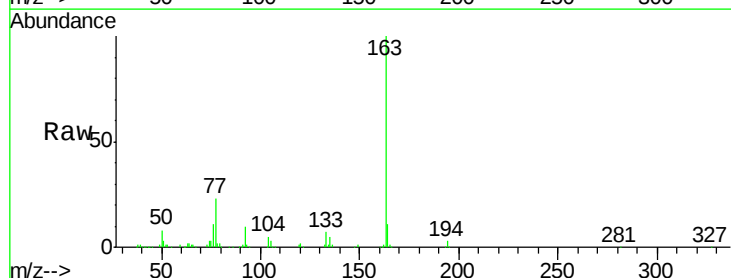
Instrument :
 BNA_F
 ClientSampleId :
 DW-3RE

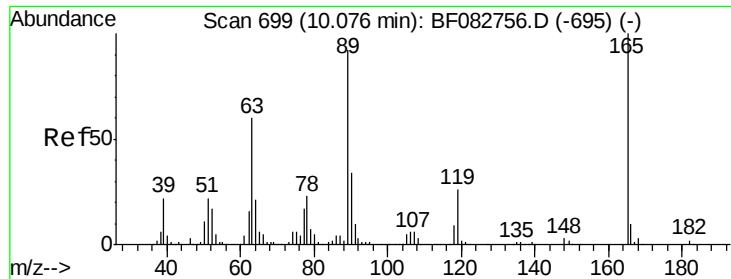
Tgt Ion:172 Resp: 2068943
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 25.9 21.2 31.8



#49
 Dimethylphthalate
 Concen: 15.23 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Tgt Ion:163 Resp: 520907
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.6 8.7 13.1

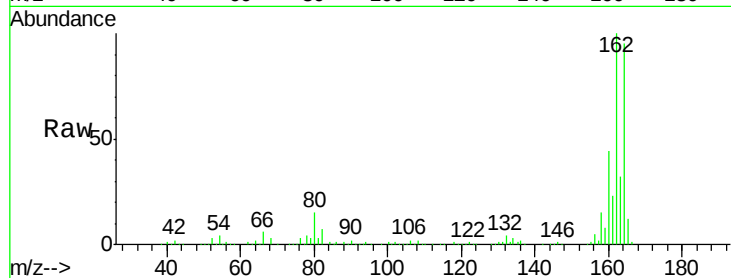




#56
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.18 min
Lab File: BF082826.D
Acq: 8 Nov 2015 6:58

Instrument :
BNA_F
ClientSampleId :
DW-3RE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#

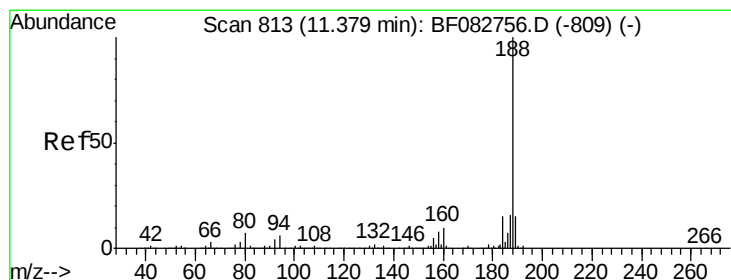
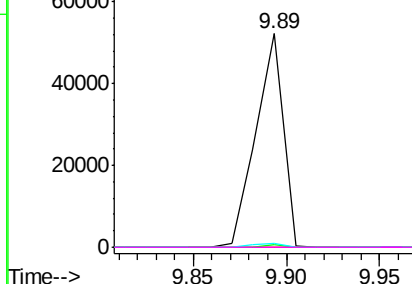
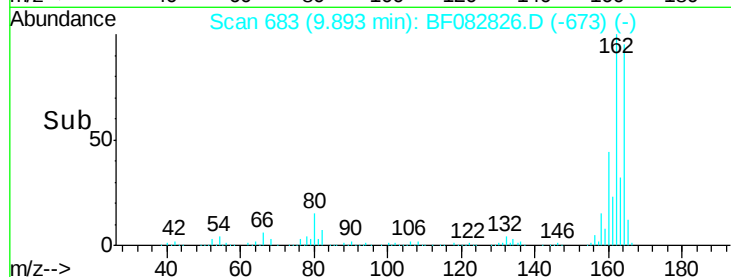


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

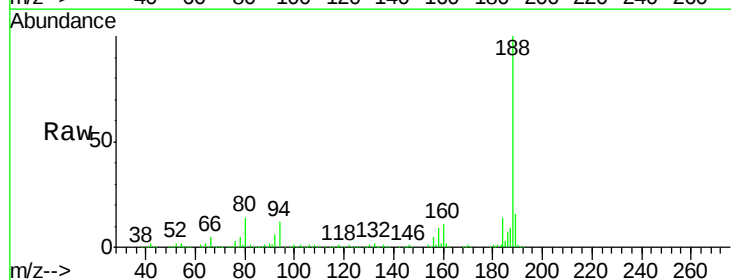
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082826.D
Acq: 8 Nov 2015 6:58

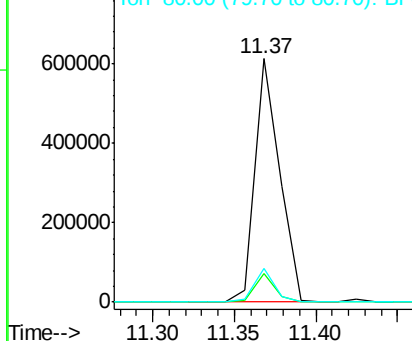
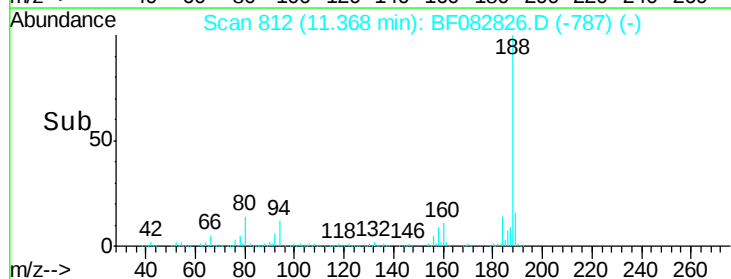
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	6.1	9.1#
80	13.8	7.0	10.6#

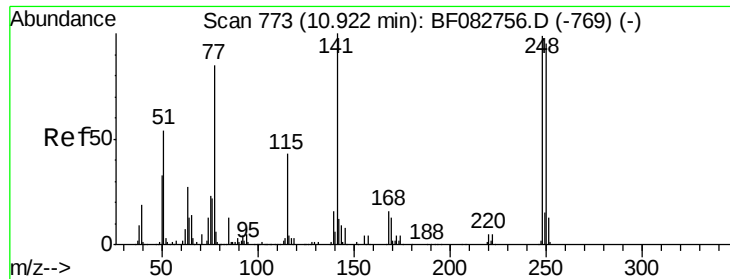


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

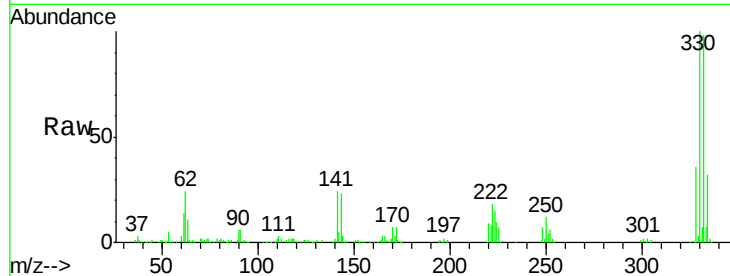




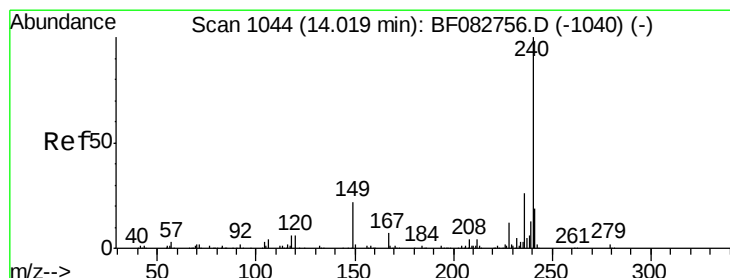
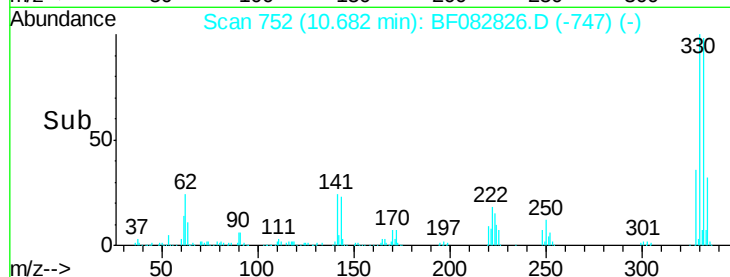
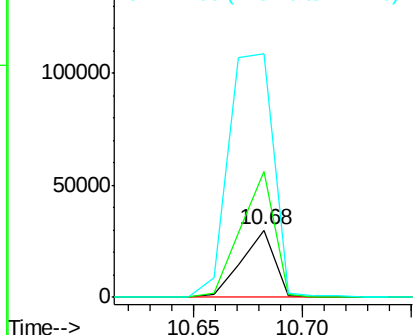
#66
 4-Bromophenyl-phenylether
 Concen: 4.11 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Instrument :
 BNA_F
 ClientSampleID :
 DW-3RE

Tgt Ion:248 Resp: 31882
 Ion Ratio Lower Upper
 248 100
 250 187.0 79.4 119.2#
 141 360.4 36.3 54.5#

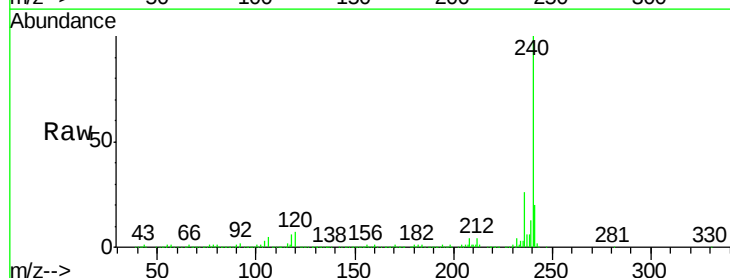


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

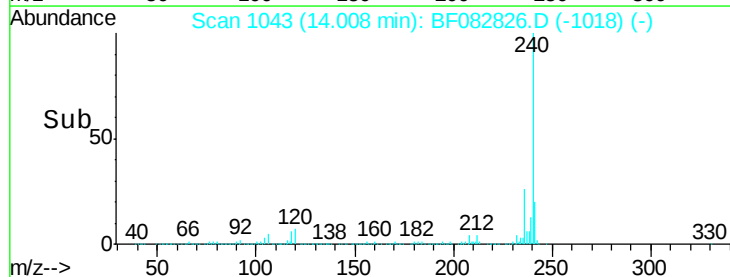
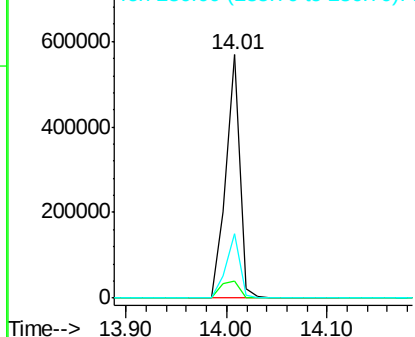


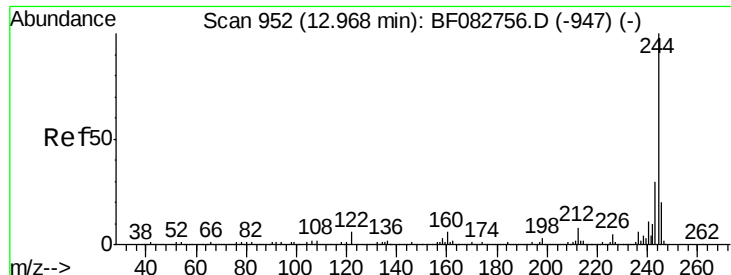
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Tgt Ion:240 Resp: 549850
 Ion Ratio Lower Upper
 240 100
 120 6.9 10.9 16.3#
 236 26.2 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

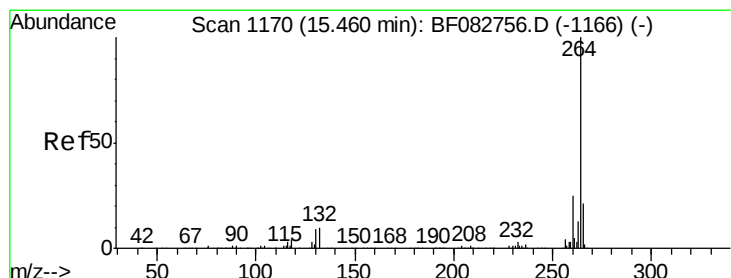
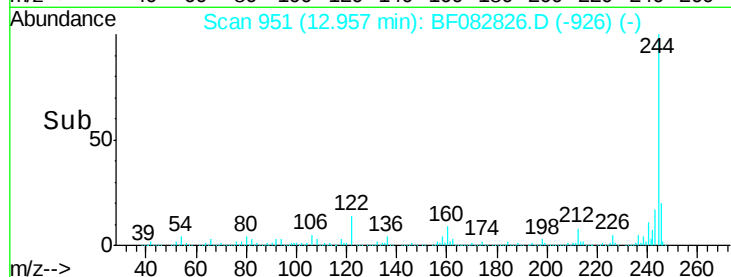
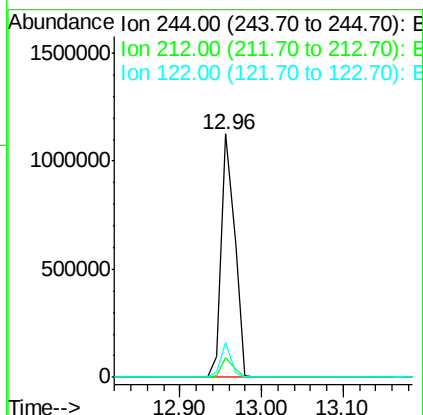
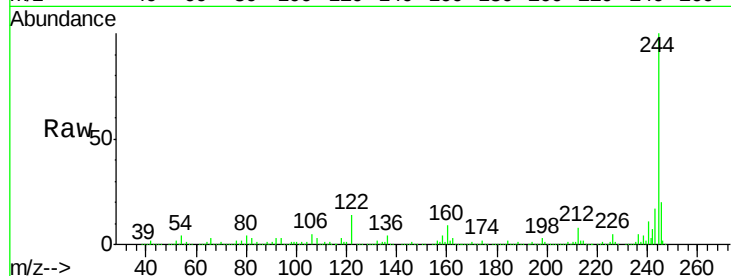




#78
 Terphenyl-d14
 Concen: 54.68 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DW-3RE

Tgt Ion:244 Resp: 1267669
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 14.2 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082826.D
 Acq: 8 Nov 2015 6:58

Tgt Ion:264 Resp: 486511
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.6 17.4 26.0

