

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081141.D
 Acq On : 20 Aug 2015 23:48
 Operator : UM/IZ
 Sample : G3253-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-9018

Quant Time: Aug 21 01:39:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

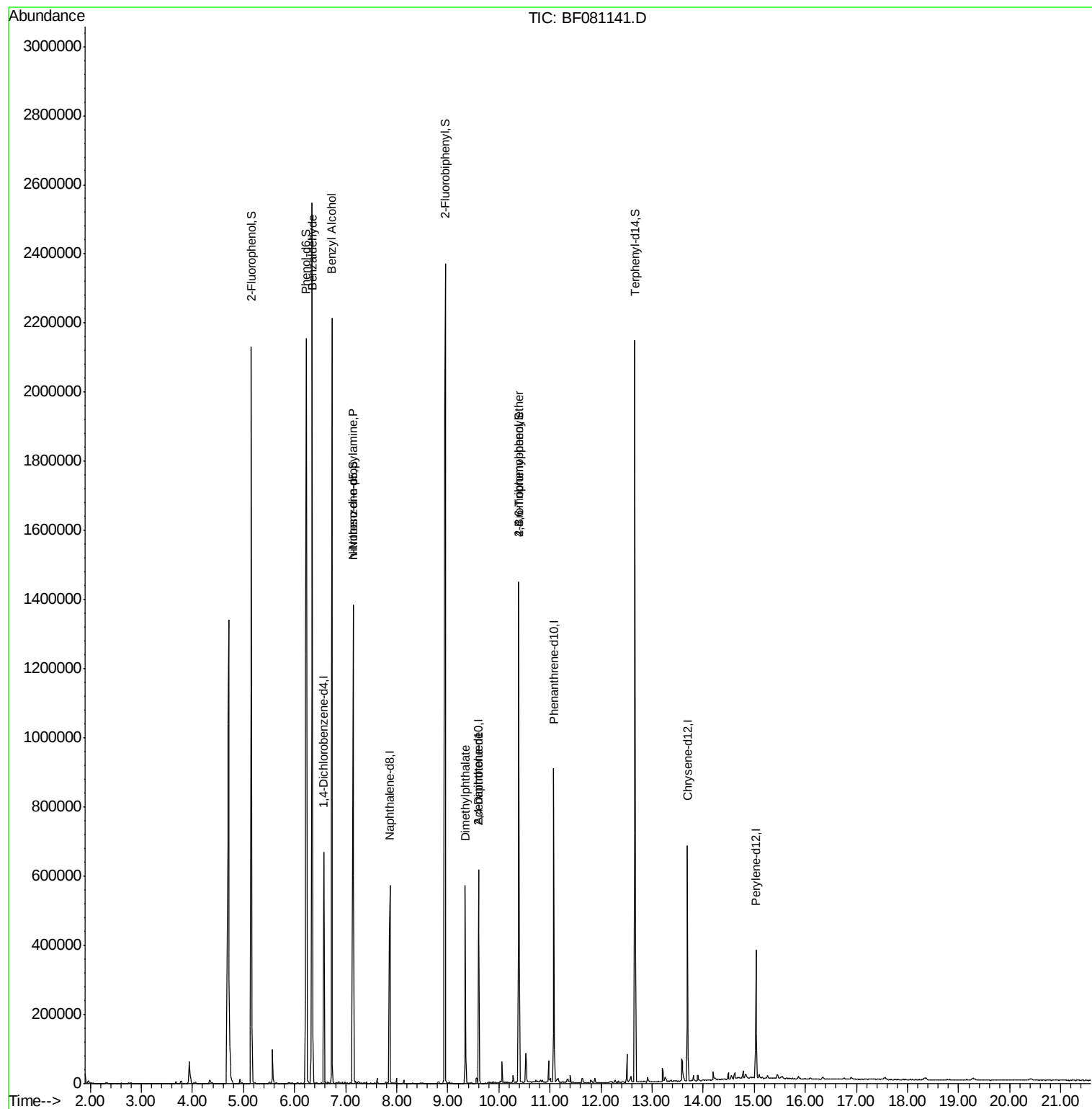
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	85093	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	335225	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	154195	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	306978	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	218168	20.00	ng	-0.01
86) Perylene-d12	15.03	264	145241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	612404	108.25	ng	0.01
7) Phenol-d6	6.23	99	893394	121.03	ng	0.00
23) Nitrobenzene-d5	7.14	82	597624	81.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	153655	114.96	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1100243	93.49	ng	-0.01
78) Terphenyl-d14	12.67	244	706664	69.44	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	18527	3.89	ng	80
15) Benzyl Alcohol	6.73	79	11963	2.00	ng	# 58
19) n-Nitroso-di-n-propylamine	7.14	70	80238	15.69	ng	# 70
49) Dimethylphthalate	9.34	163	197468	15.55	ng	99
56) 2,4-Dinitrotoluene	9.60	165	19487	5.39	ng	# 17
66) 4-Bromophenyl-phenylether	10.39	248	10908	3.62	ng	# 1

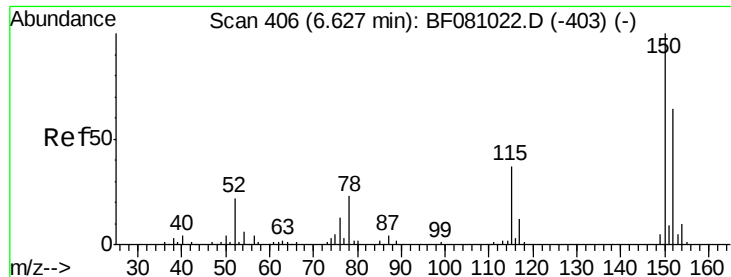
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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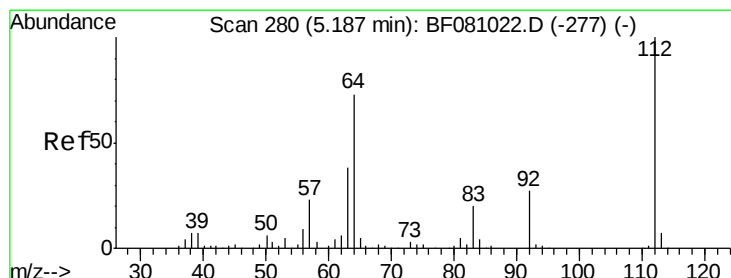
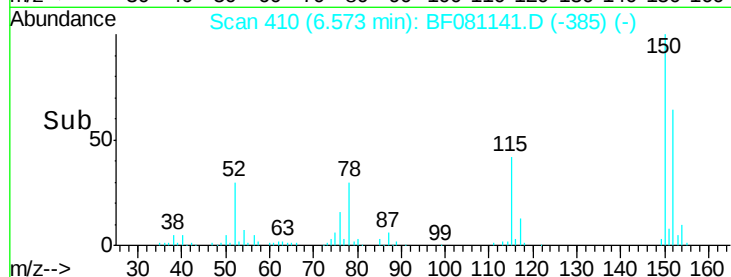
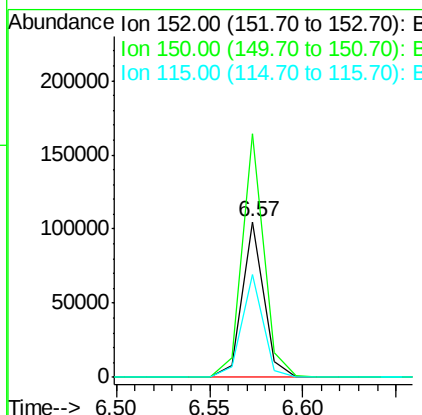
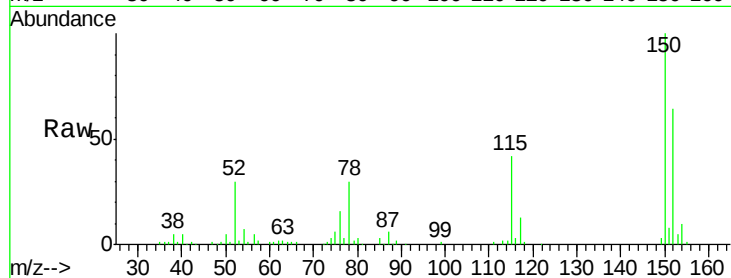


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Instrument :
BNA_F
ClientSampleId :
S32-9018

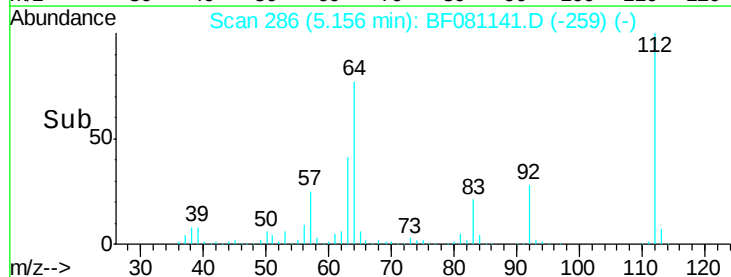
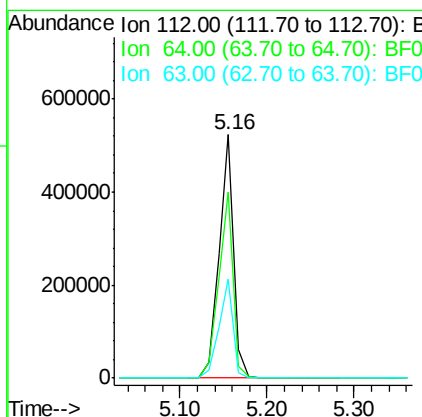
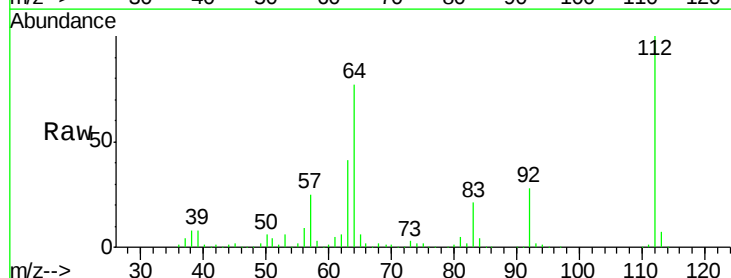
Tot Ion:152 Resp: 85093
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 66.5 52.1 78.1



#5

2-Fluorophenol
Concen: 108.25 ng
RT: 5.16 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Tgt Ion:112 Resp: 612404
Ion Ratio Lower Upper
112 100
64 76.6 66.9 100.3
63 40.6 38.1 57.1





#7

Phenol-d6

Concen: 121.03 ng

RT: 6.23 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081141.D

Acq: 20 Aug 2015 23:48

Instrument :

BNA_F

ClientSampled :

S32-9018

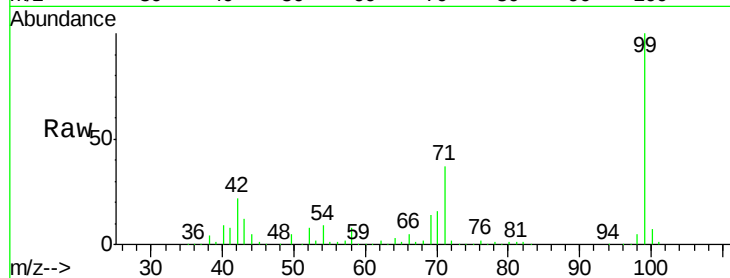
Tot Ion: 99 Resp: 893394

Ion Ratio Lower Upper

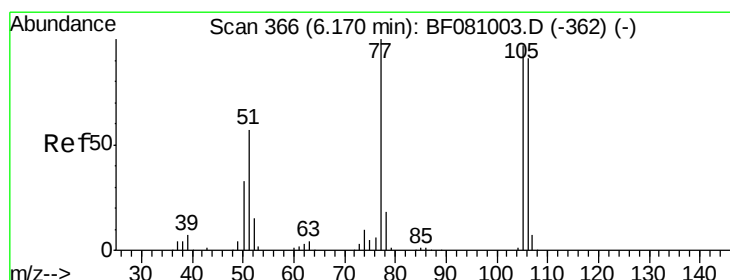
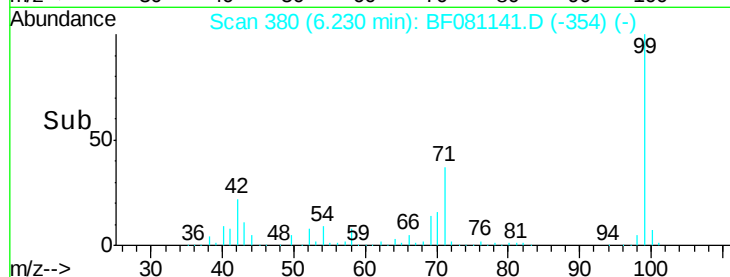
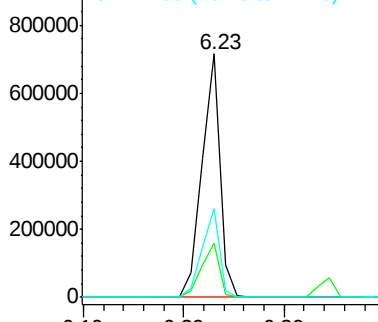
99 100

42 22.2 19.6 29.4

71 36.5 31.2 46.8



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: 3.89 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF081141.D

Acq: 20 Aug 2015 23:48

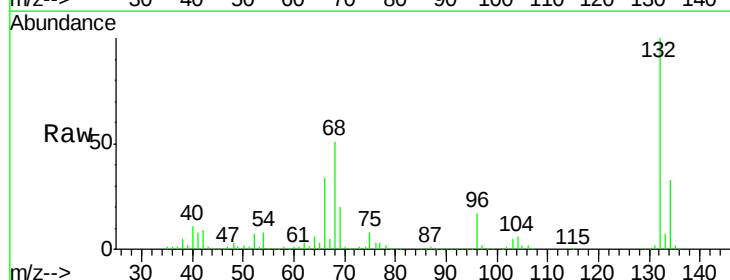
Tgt Ion: 77 Resp: 18527

Ion Ratio Lower Upper

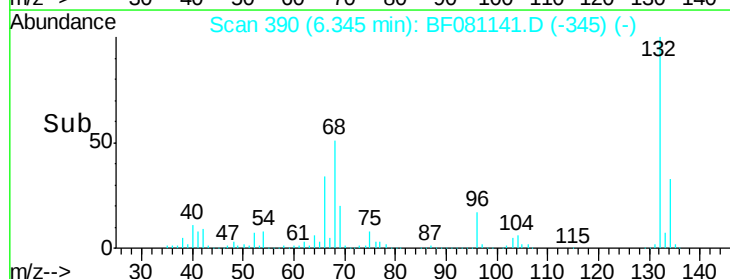
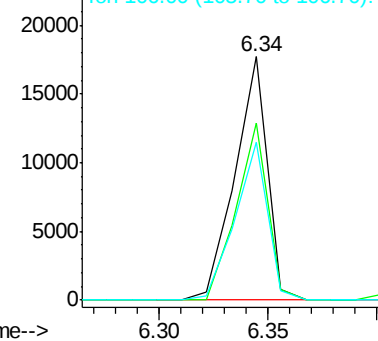
77 100

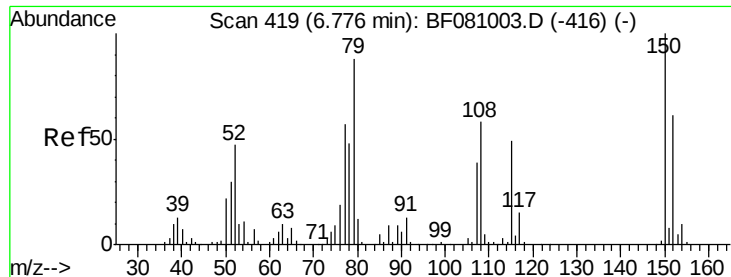
105 72.7 69.6 109.6

106 64.7 64.0 104.0



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





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF081141.D

Acq: 20 Aug 2015 23:48

Instrument :

BNA_F

ClientSampleId :

S32-9018

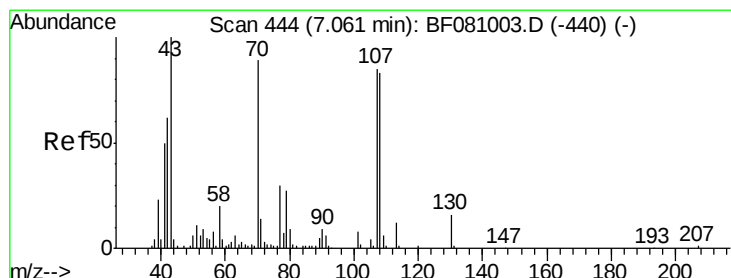
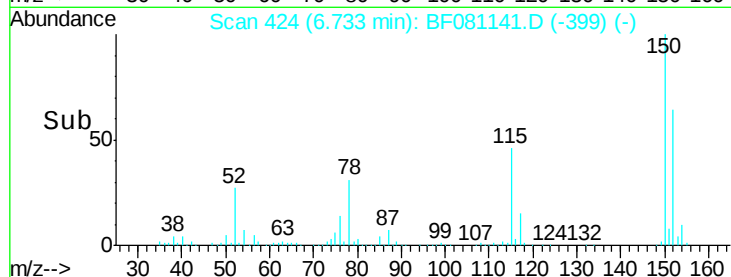
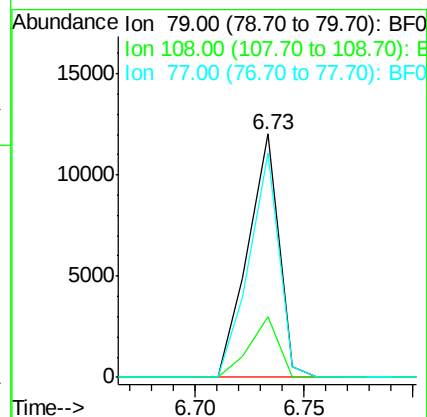
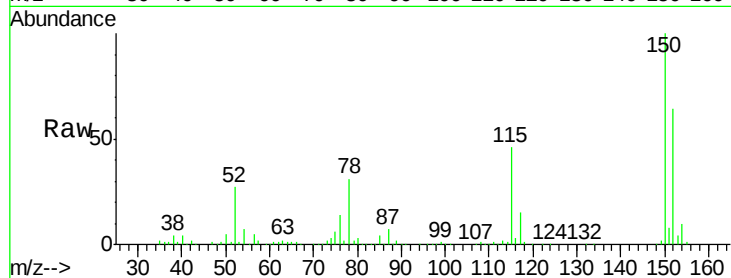
Tot Ion: 79 Resp: 11963

Ion Ratio Lower Upper

79 100

108 25.0 49.4 74.2#

77 91.9 51.4 77.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.69 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.13 min

Lab File: BF081141.D

Acq: 20 Aug 2015 23:48

Tgt Ion: 70 Resp: 80238

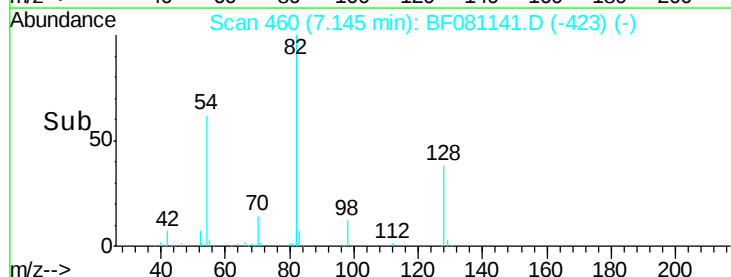
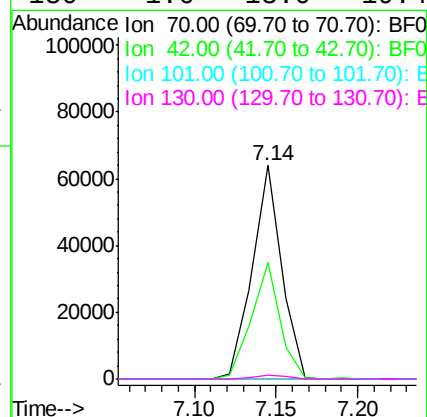
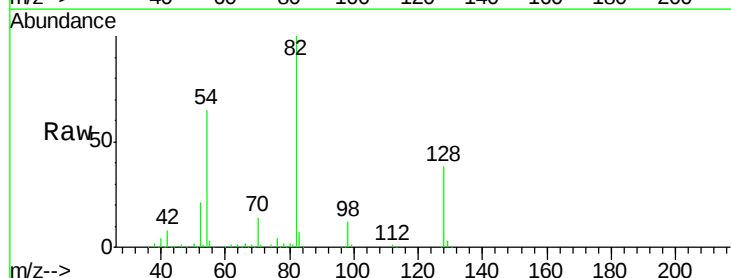
Ion Ratio Lower Upper

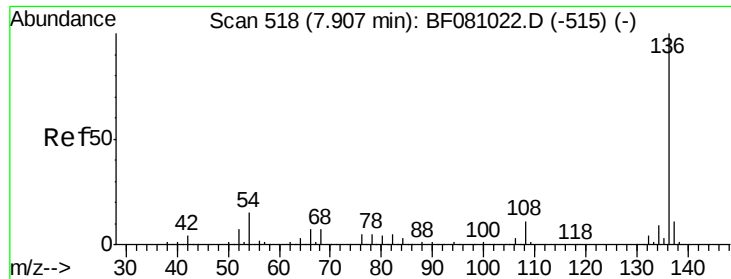
70 100

42 54.8 65.0 97.4#

101 0.0 7.4 11.2#

130 1.6 13.0 19.4#

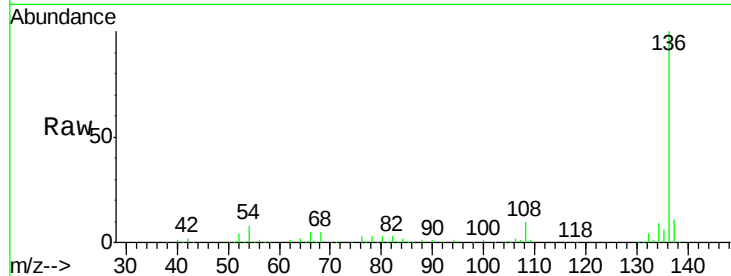




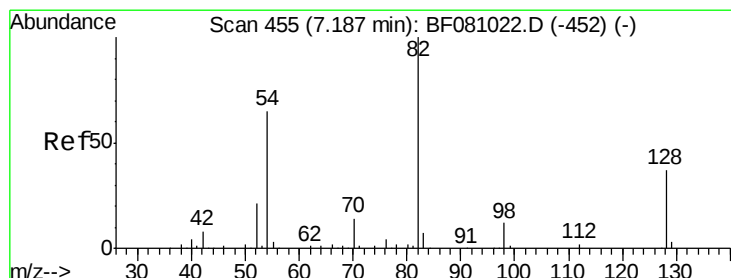
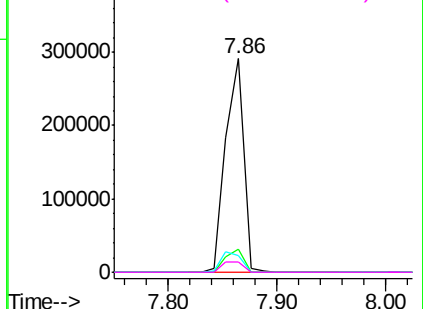
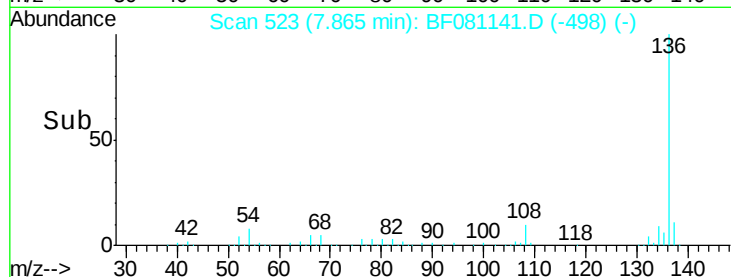
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Instrument :
BNA_F
ClientSampled :
S32-9018

Tot Ion:136	Resp:	335225
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	8.0	7.7 11.5
68	4.6	3.4 5.2

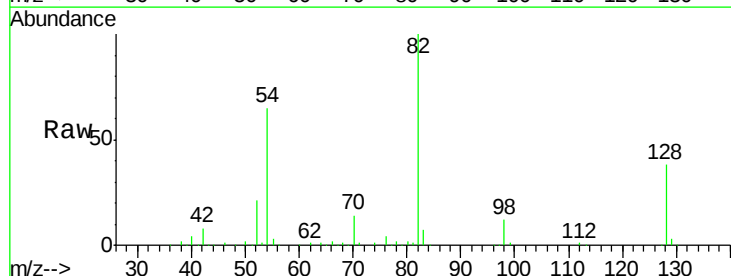


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

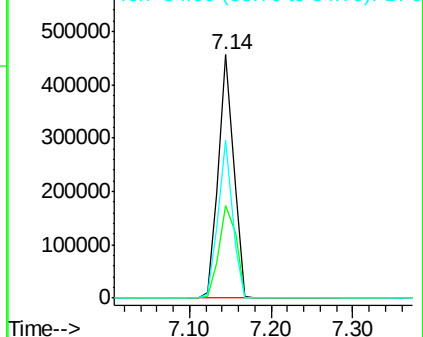
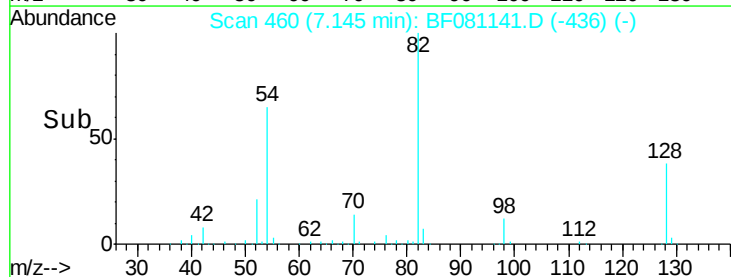


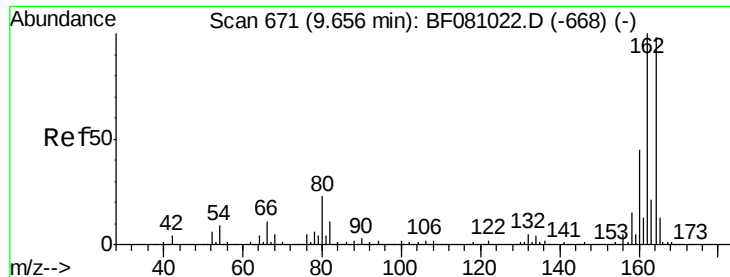
#23
Nitrobenzene-d5
Concen: 81.44 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Tgt Ion: 82	Resp:	597624
Ion Ratio	Lower	Upper
82	100	
128	38.1	28.6 42.8
54	65.1	55.1 82.7



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: 9.60 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF081141.D

Acq: 20 Aug 2015 23:48

Instrument :

BNA_F

ClientSampleId :

S32-9018

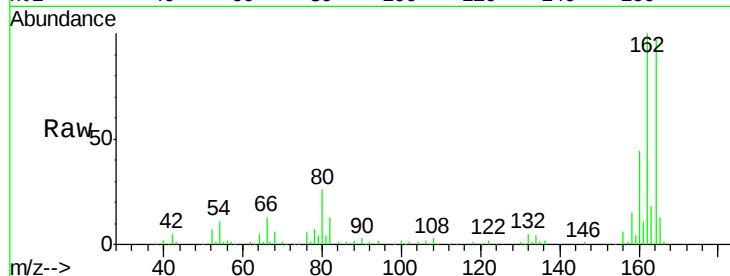
Tot Ion:164 Resp: 154195

Ion Ratio Lower Upper

164 100

162 102.6 83.8 125.8

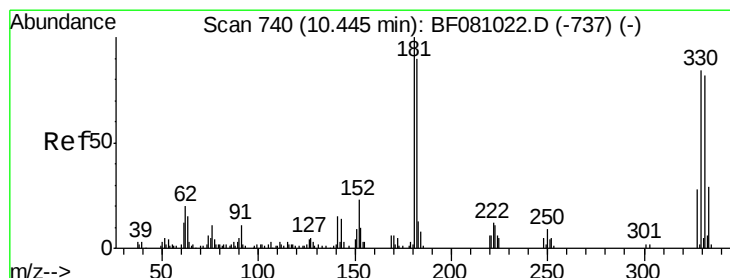
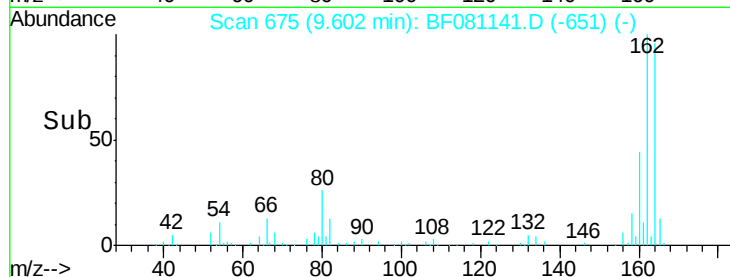
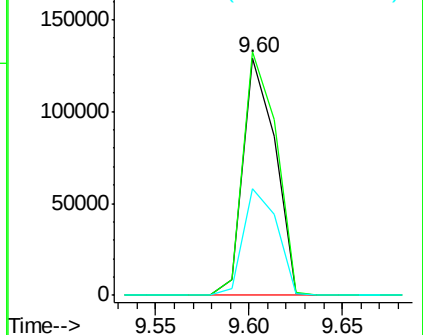
160 45.1 39.8 59.8



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: 114.96 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081141.D

Acq: 20 Aug 2015 23:48

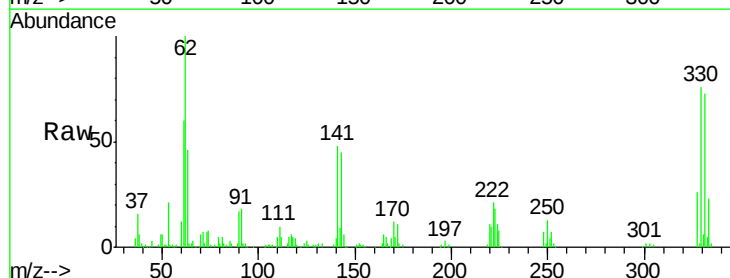
Tgt Ion:330 Resp: 153655

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

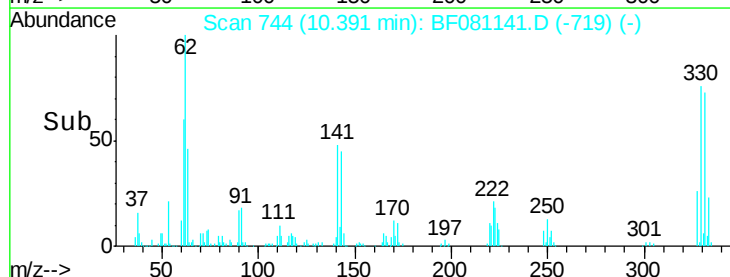
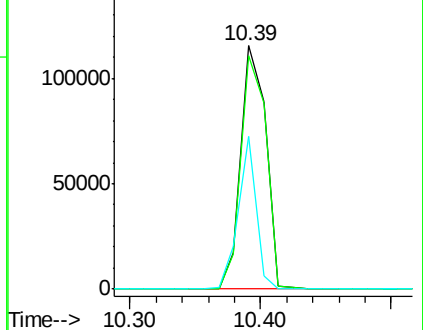
141 44.8 44.9 67.3#

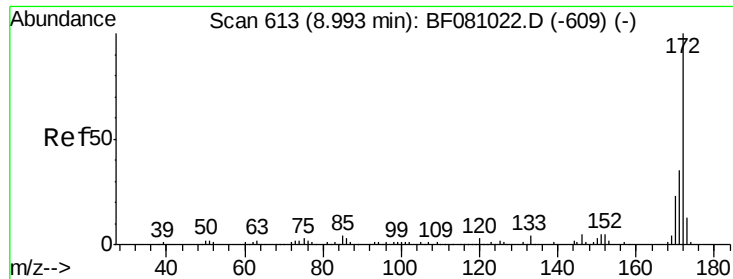


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

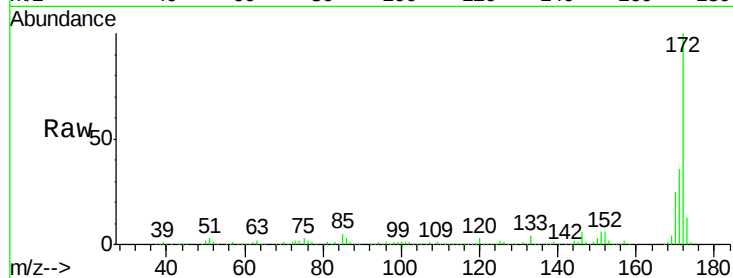




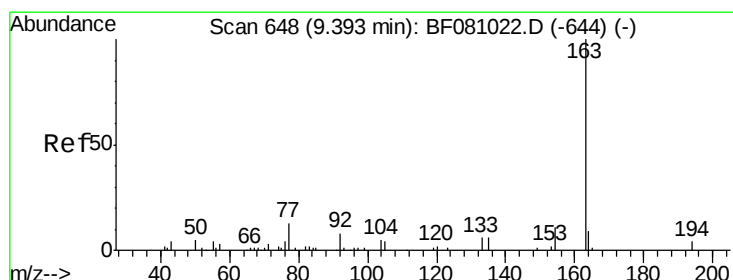
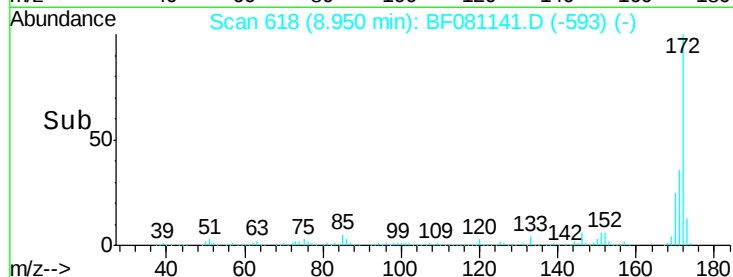
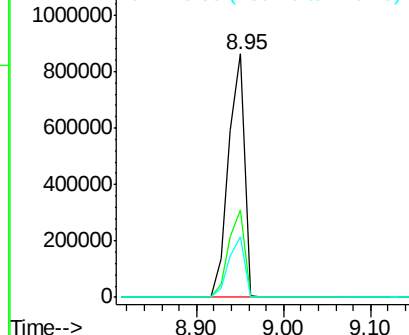
#44
2-Fluorobiphenyl
Concen: 93.49 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Instrument :
BNA_F
ClientSampled :
S32-9018

Tot Ion:172 Resp: 1100243
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.9 19.4 29.2

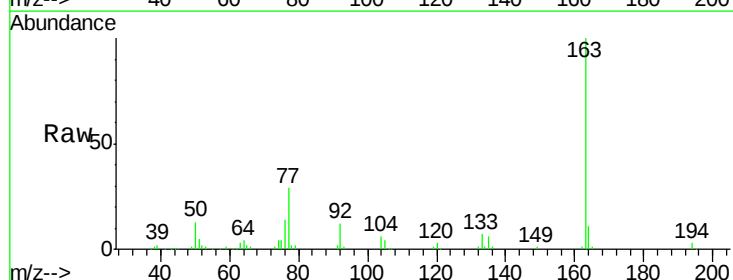


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

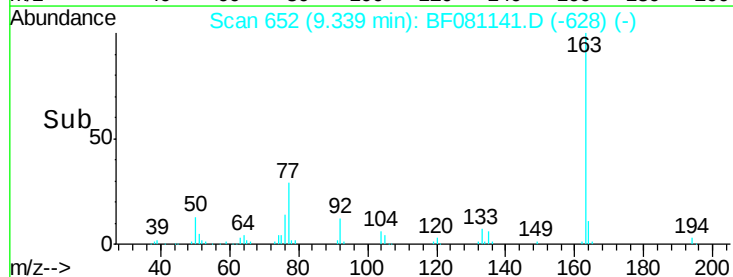
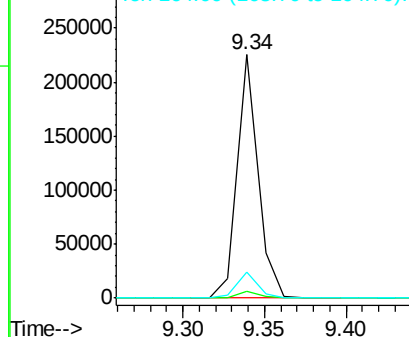


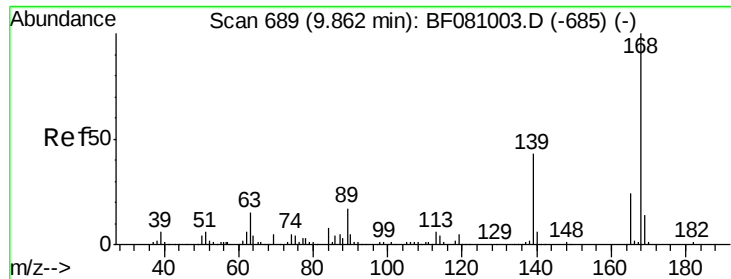
#49
Dimethylphthalate
Concen: 15.55 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Tgt Ion:163 Resp: 197468
Ion Ratio Lower Upper
163 100
194 2.7 2.5 3.7
164 10.6 8.1 12.1



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

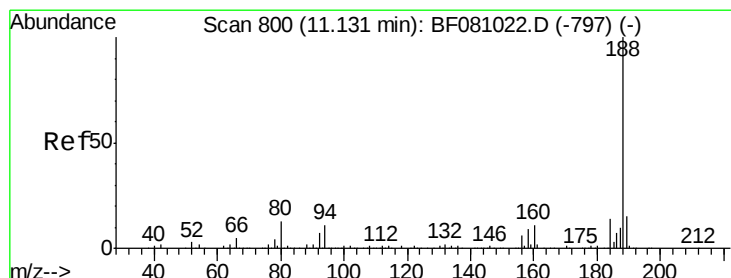
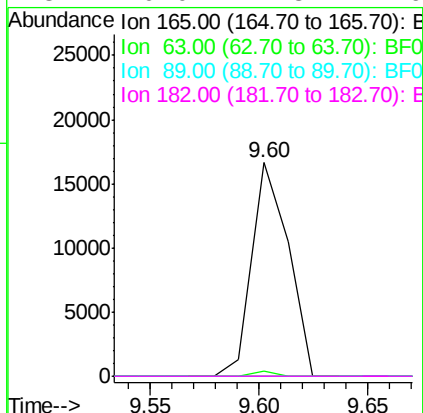
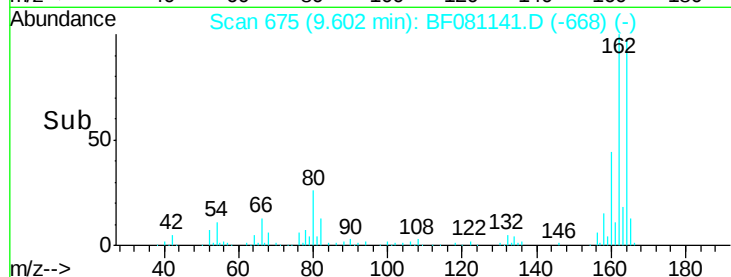
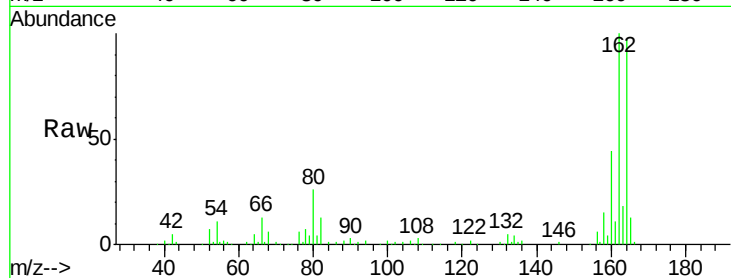




#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.22 min
 Lab File: BF081141.D
 Acq: 20 Aug 2015 23:48

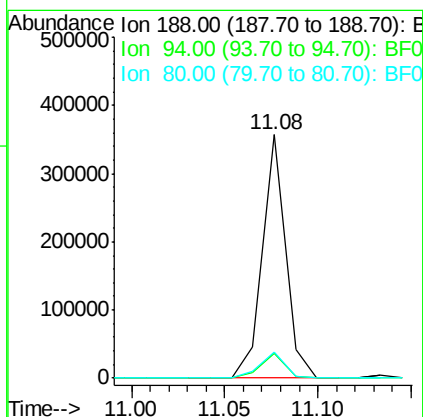
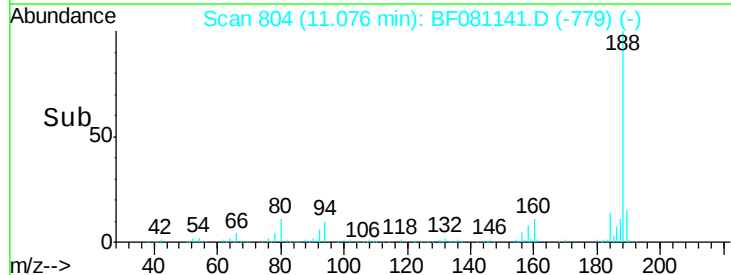
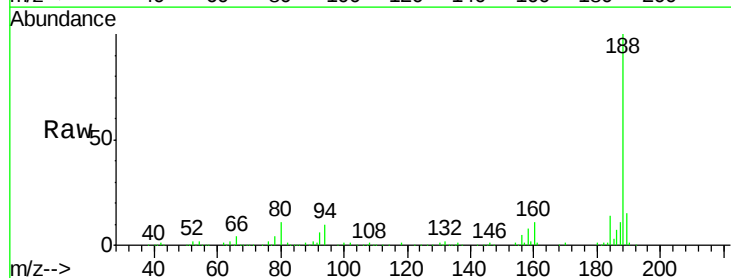
Instrument :
 BNA_F
 ClientSampled :
 S32-9018

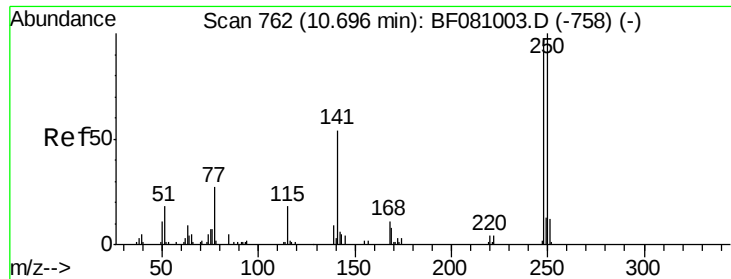
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF081141.D
 Acq: 20 Aug 2015 23:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.6	9.5	14.3

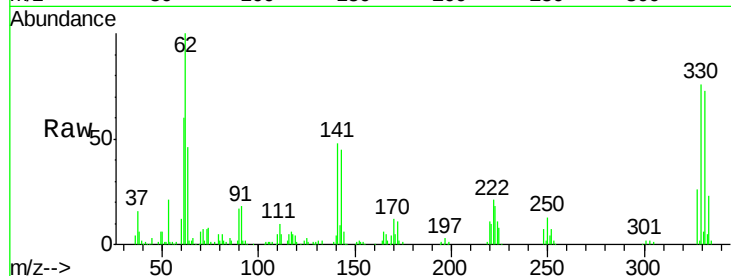




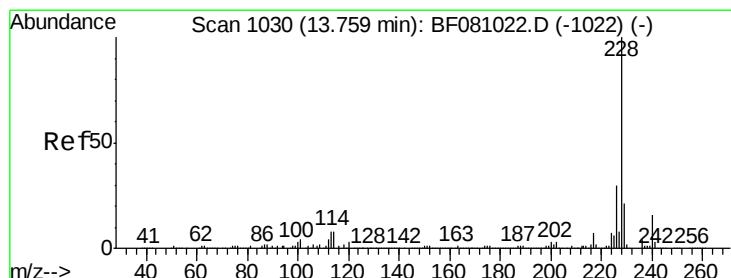
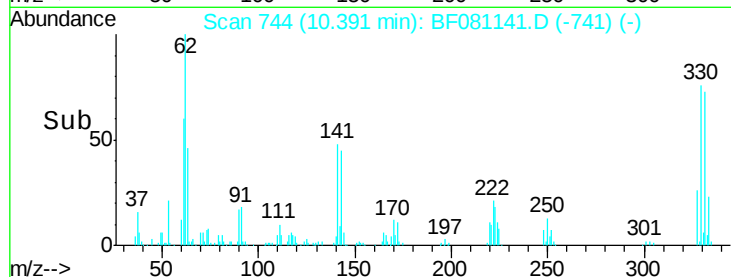
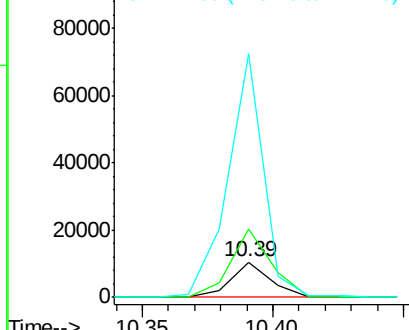
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Instrument :
BNA_F
ClientSampled :
S32-9018

Tot Ion:248 Resp: 10908
Ion Ratio Lower Upper
248 100
250 192.7 77.8 116.6#
141 693.5 39.8 59.6#

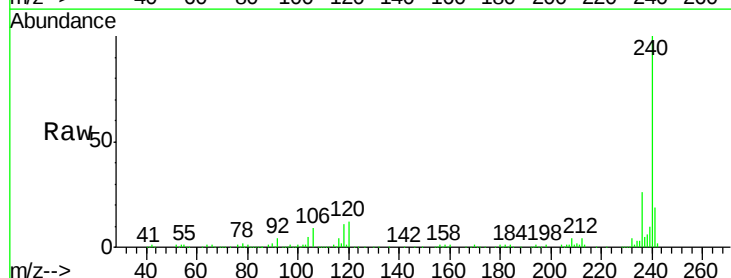


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

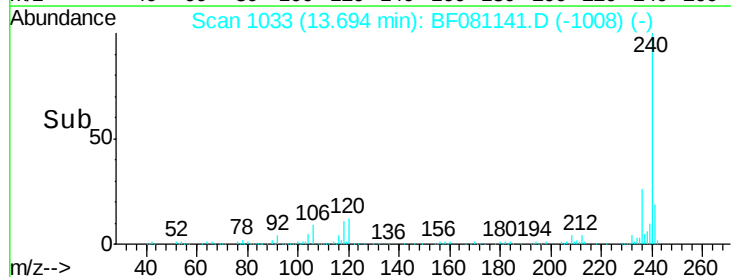
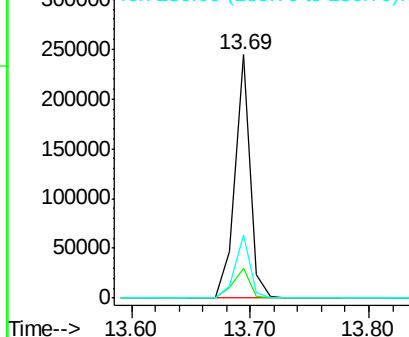


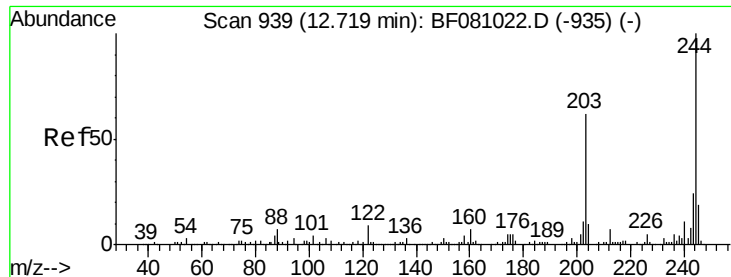
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF081141.D
Acq: 20 Aug 2015 23:48

Tgt Ion:240 Resp: 218168
Ion Ratio Lower Upper
240 100
120 12.3 5.6 8.4#
236 26.0 20.6 30.8



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

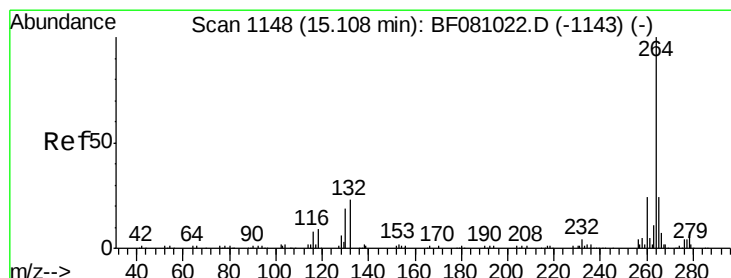
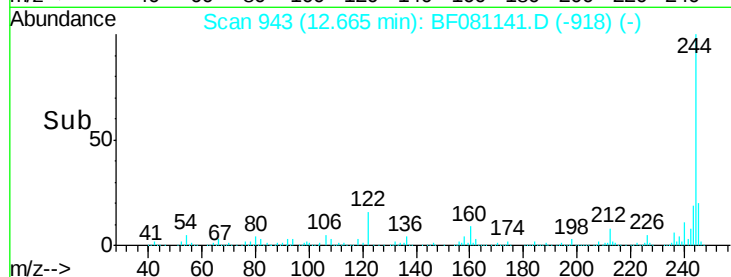
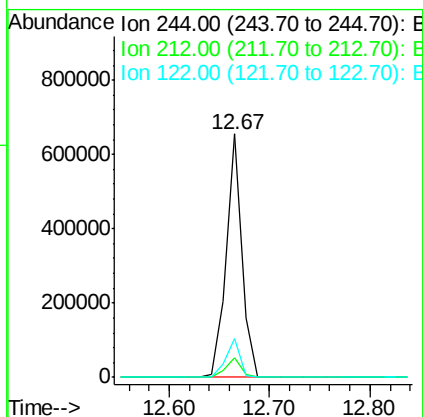
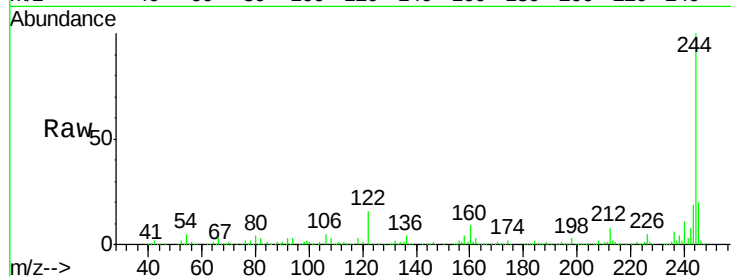




#78
 Terphenyl-d14
 Concen: 69.44 ng
 RT: 12.67 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF081141.D
 Acq: 20 Aug 2015 23:48

Instrument :
 BNA_F
 ClientSampleId :
 S32-9018

Tot Ion:244 Resp: 706664
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 15.9 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081141.D
 Acq: 20 Aug 2015 23:48

Tgt Ion:264 Resp: 145241
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.7 17.5 26.3

