

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081281.D
 Acq On : 29 Aug 2015 20:25
 Operator : UM/IZ
 Sample : G3467-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:08:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

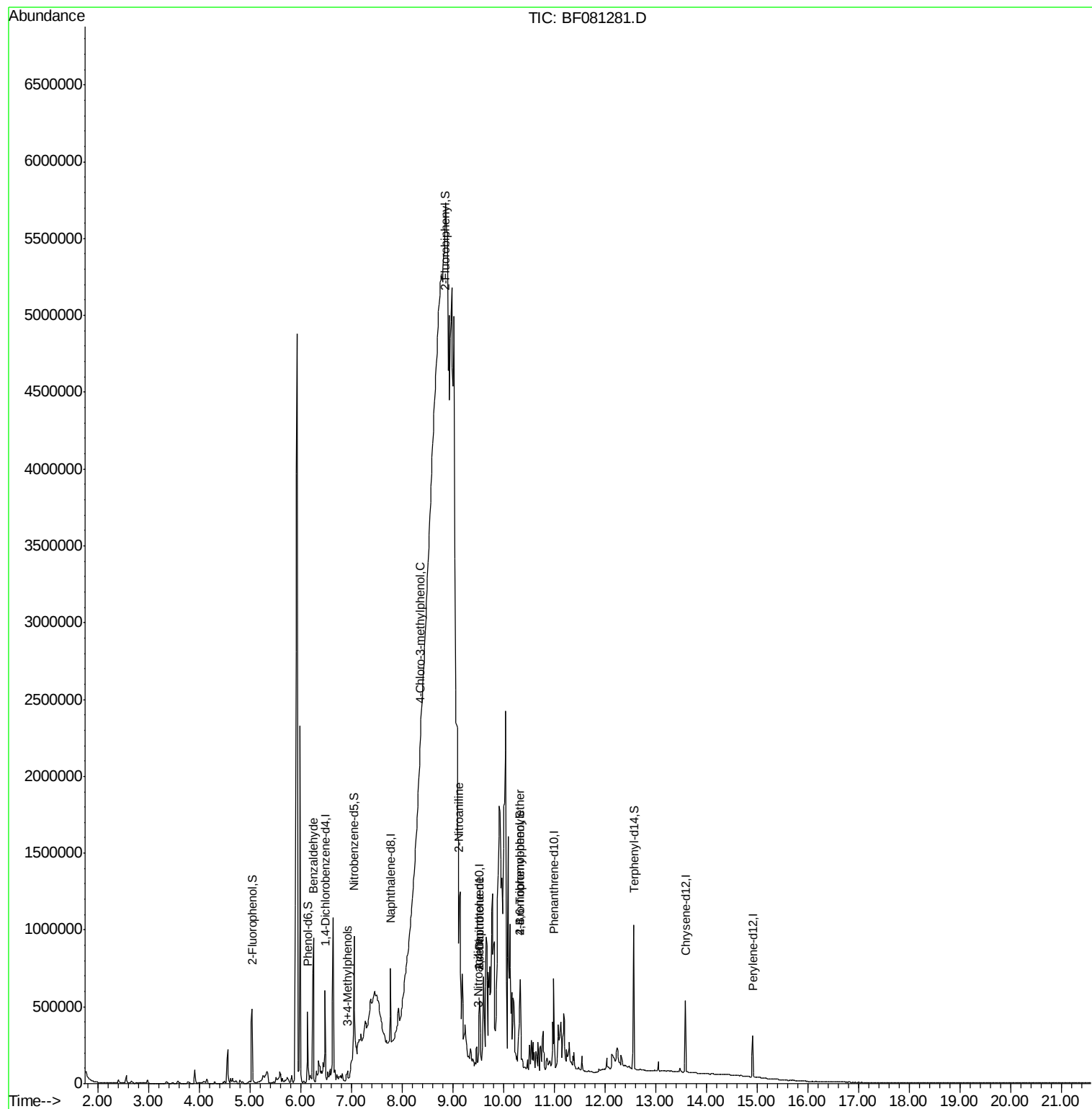
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	57317	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	218065	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	96038	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	183712	20.00	ng	-0.05
75) Chrysene-d12	13.59	240	151196	20.00	ng	-0.07
86) Perylene-d12	14.92	264	110238	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	173226	45.46	ng	-0.06
7) Phenol-d6	6.14	99	147137	29.59	ng	-0.06
23) Nitrobenzene-d5	7.05	82	268855	56.32	ng	-0.07
41) 2,4,6-Tribromophenol	10.33	330	79265	95.21	ng	-0.02
44) 2-Fluorobiphenyl	8.86	172	256402	34.98	ng	-0.05
78) Terphenyl-d14	12.57	244	425487	60.33	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.25	77	7451	2.32	ng	94
20) 3+4-Methylphenols	6.93	107	13952	3.07	ng	# 41
36) 4-Chloro-3-methylphenol	8.35	107	16667	4.52	ng	# 76
47) 2-Nitroaniline	9.13	65	7236	2.60	ng	# 37
52) 3-Nitroaniline	9.51	138	30255	14.24	ng	# 1
56) 2,4-Dinitrotoluene	9.52	165	12385	5.50	ng	# 28
66) 4-Bromophenyl-phenylether	10.33	248	6153	3.41	ng	# 1

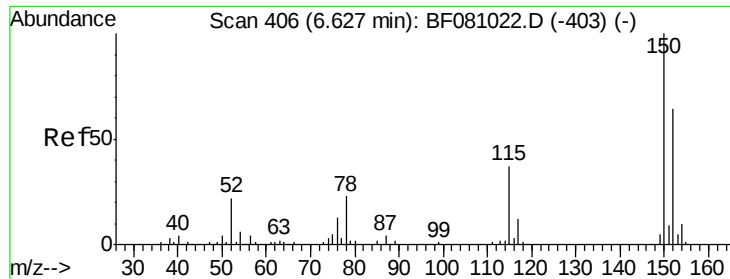
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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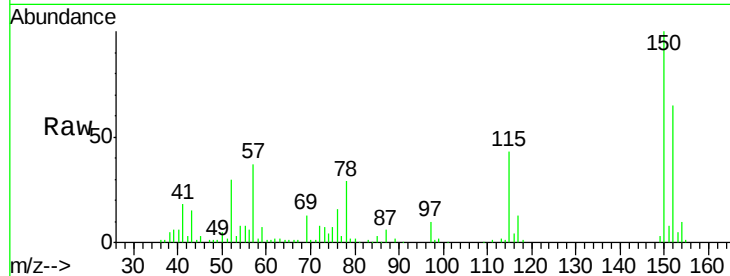




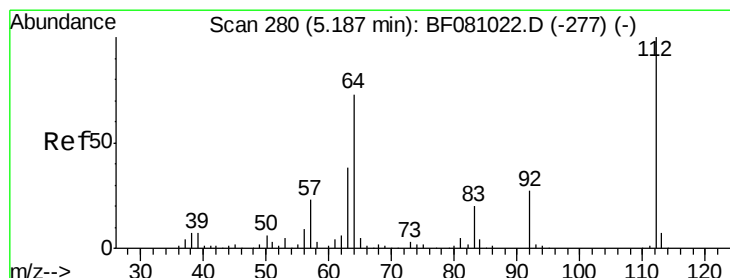
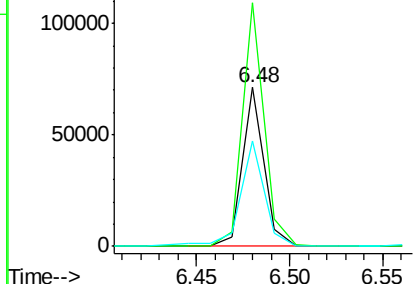
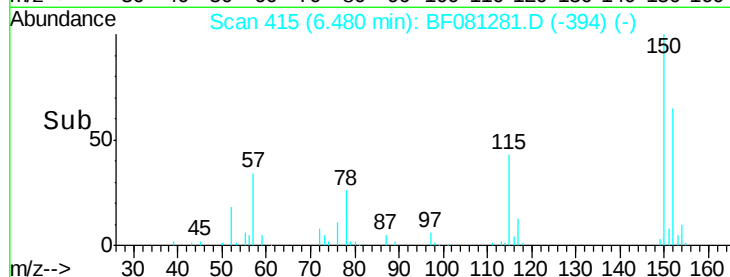
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 415
 Delta R.T. -0.06 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 57317
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.8 185.6
 115 66.1 52.1 78.1

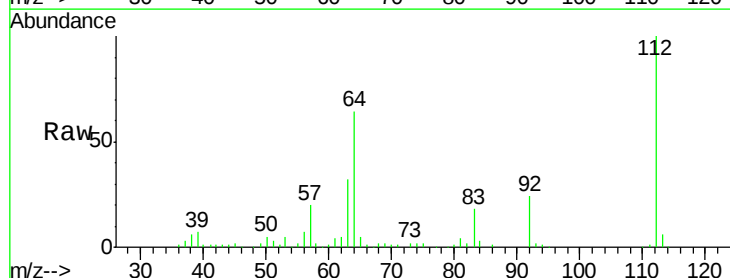


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

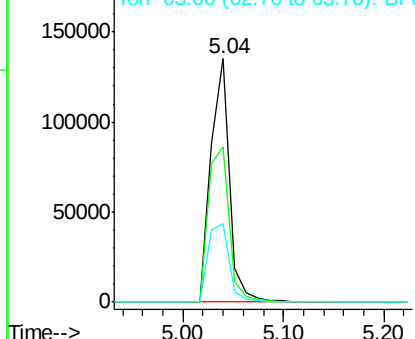
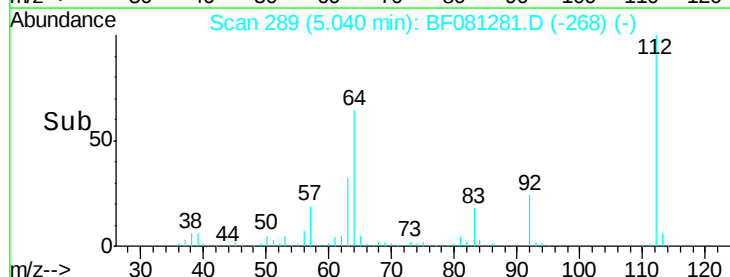


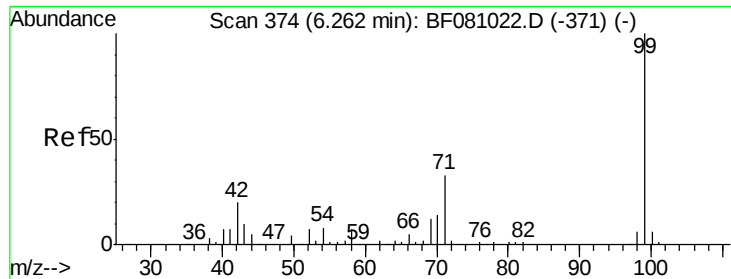
#5
 2-Fluorophenol
 Concen: 45.46 ng
 RT: 5.04 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion:112 Resp: 173226
 Ion Ratio Lower Upper
 112 100
 64 63.6 66.9 100.3#
 63 32.1 38.1 57.1#



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: 29.59 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampleId :

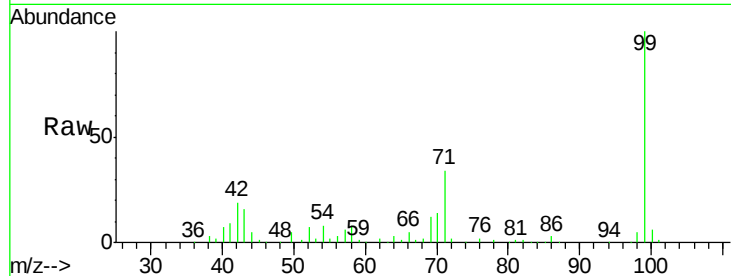
Tot Ion: 99 Resp: 147137

Ion Ratio Lower Upper

99 100

42 19.4 19.6 29.4#

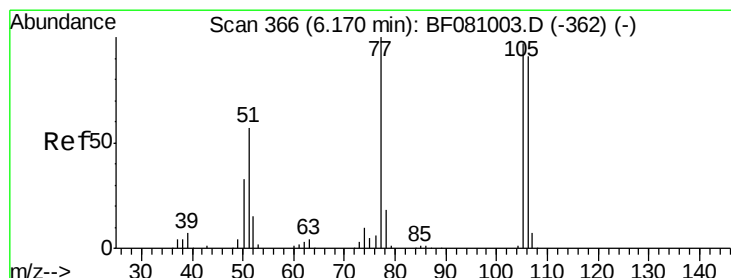
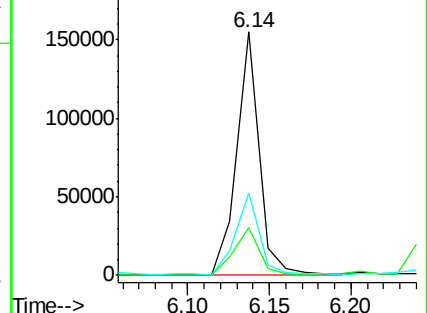
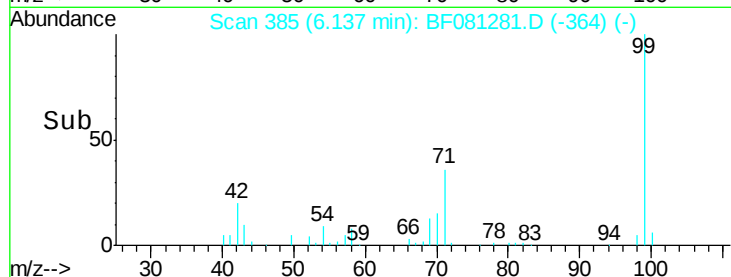
71 33.9 31.2 46.8



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: 2.32 ng

RT: 6.25 min Scan# 395

Delta R.T. 0.17 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

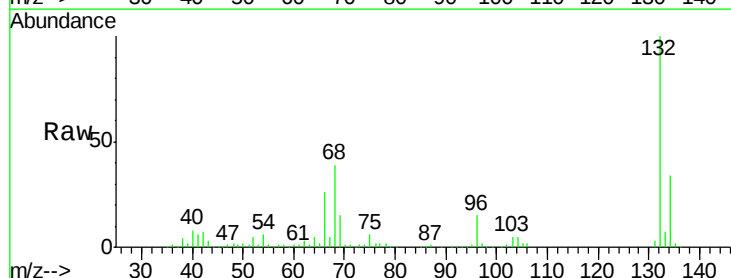
Tgt Ion: 77 Resp: 7451

Ion Ratio Lower Upper

77 100

105 86.4 69.6 109.6

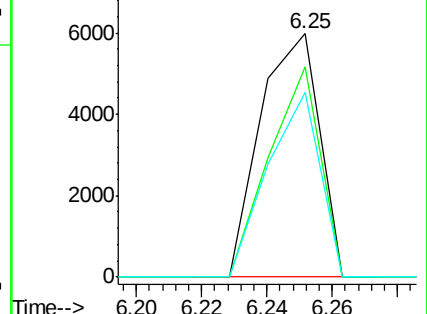
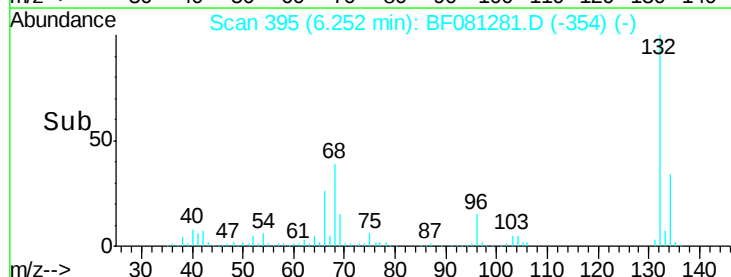
106 75.6 64.0 104.0

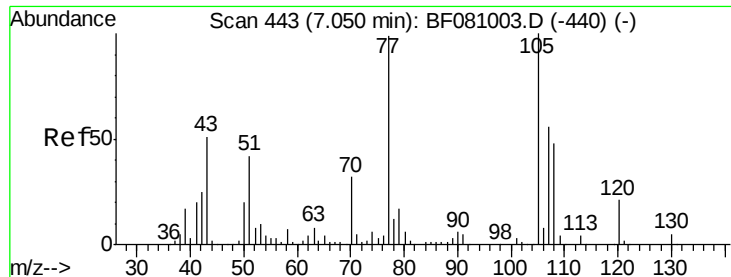


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#20

3+4-Methylphenols

Concen: 3.07 ng

RT: 6.93 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 13952

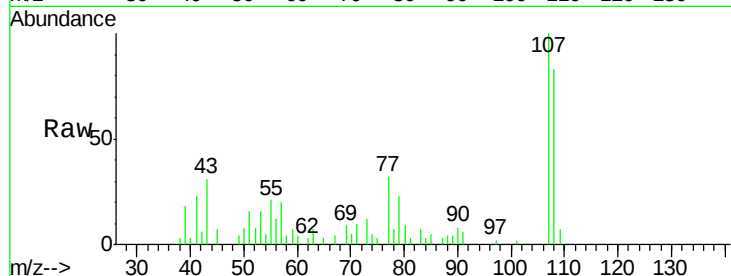
Ion Ratio Lower Upper

107 100

108 82.9 66.1 106.1

77 31.8 139.3 179.3#

79 22.7 11.9 51.9

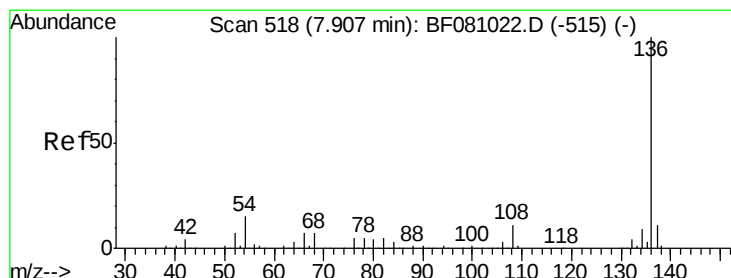
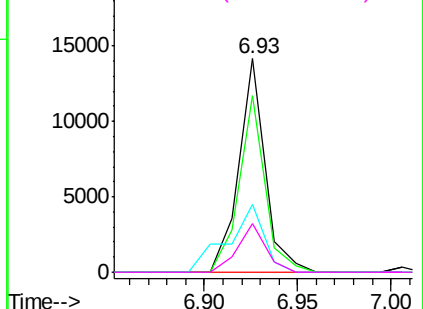
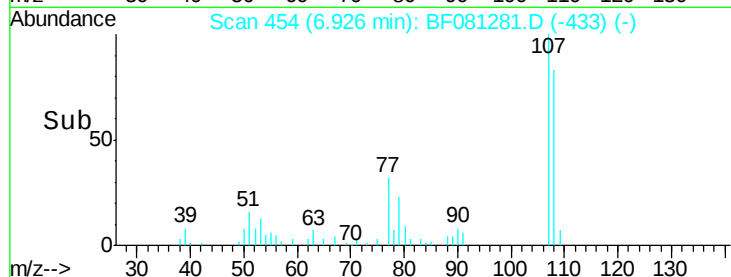


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Tgt Ion:136 Resp: 218065

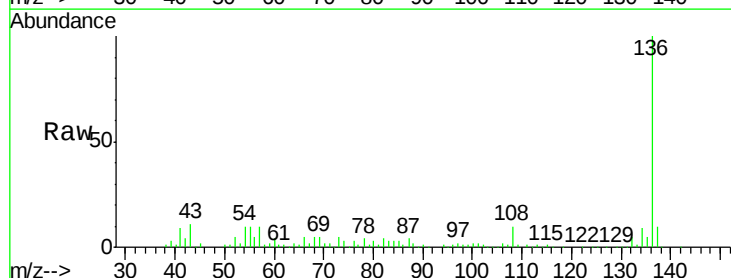
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 9.7 7.7 11.5

68 5.3 3.4 5.2#

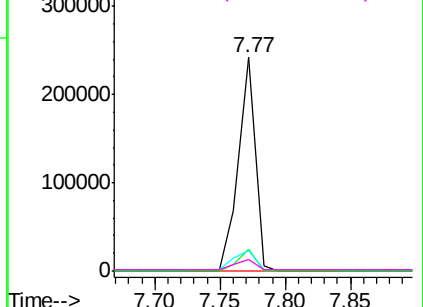
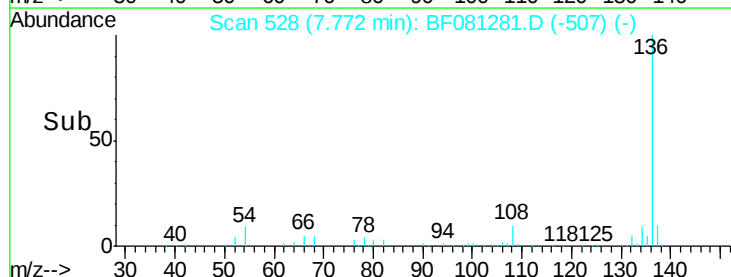


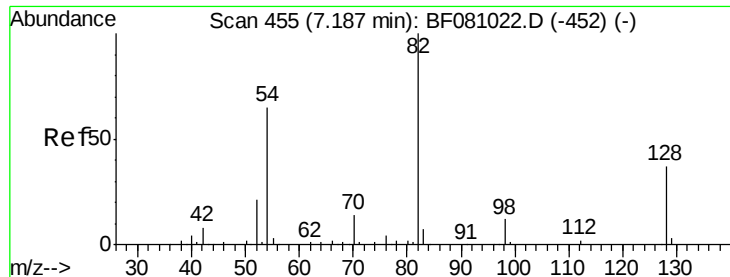
Abundance Ion 136.00 (135.70 to 136.70): E

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

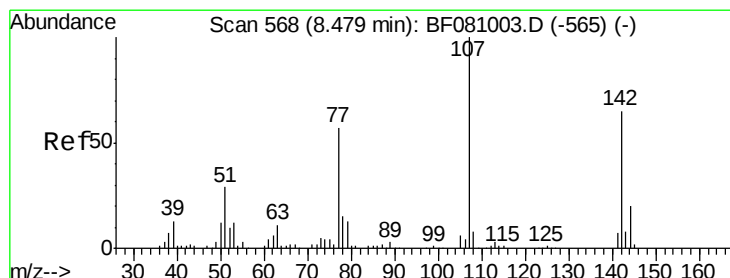
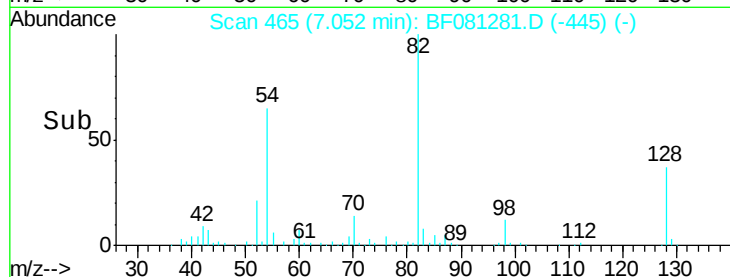
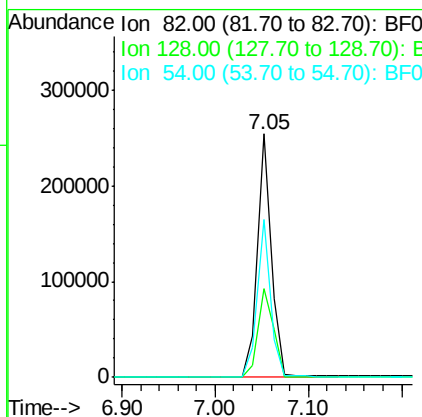
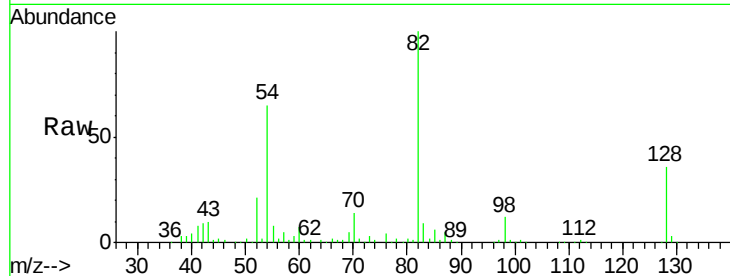




#23
 Nitrobenzene-d5
 Concen: 56.32 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

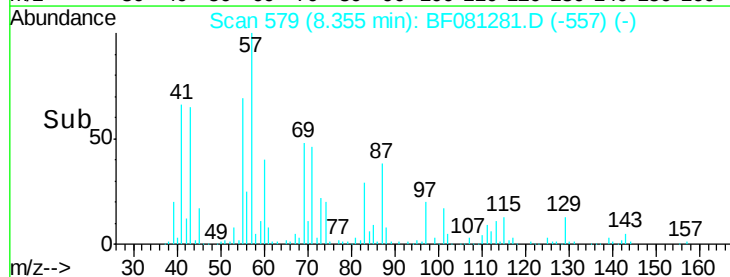
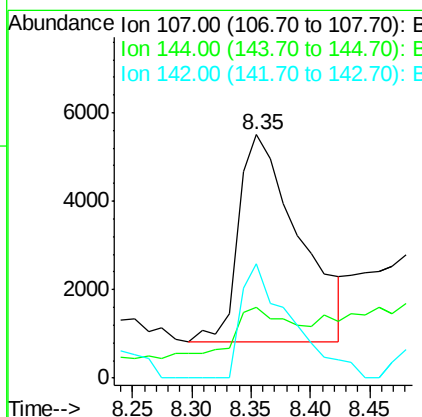
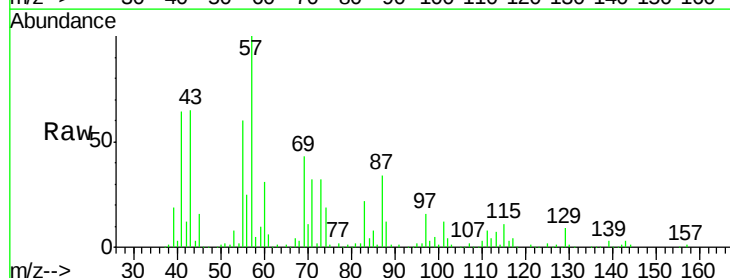
Instrument :
 BNA_F
 ClientSampleId :

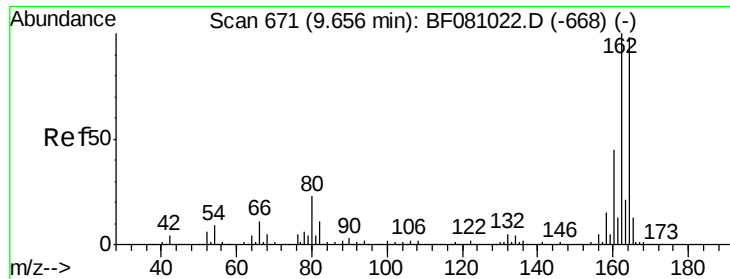
Tot Ion	82	Resp	268855
Ion Ratio	Lower	Upper	
82	100		
128	36.4	28.6	42.8
54	65.0	55.1	82.7



#36
 4-Chloro-3-methylphenol
 Concen: 4.52 ng
 RT: 8.35 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion	107	Resp	16667
Ion Ratio	Lower	Upper	
107	100		
144	28.9	17.2	25.8#
142	46.7	54.9	82.3#

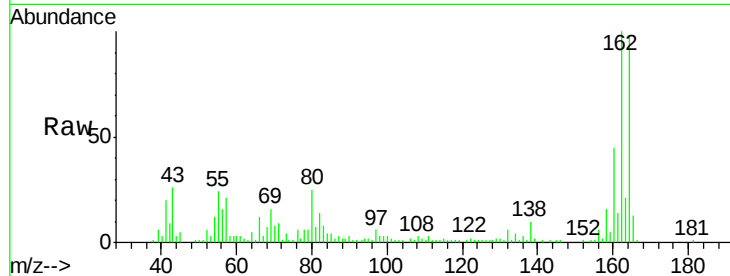




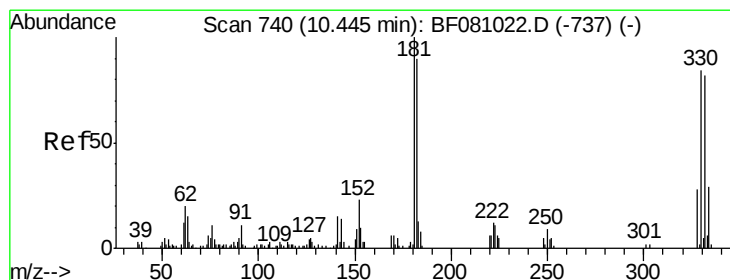
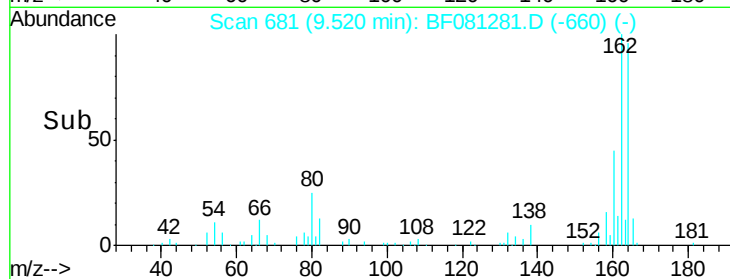
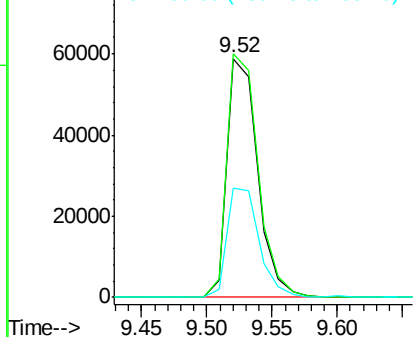
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. -0.06 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.8	125.8
160	45.8	39.8	59.8

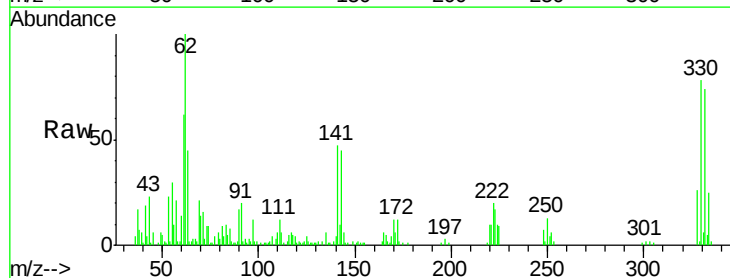


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

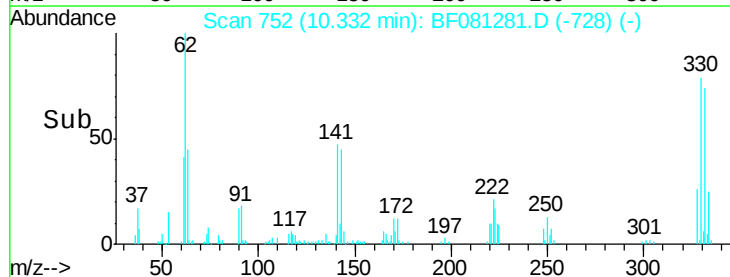
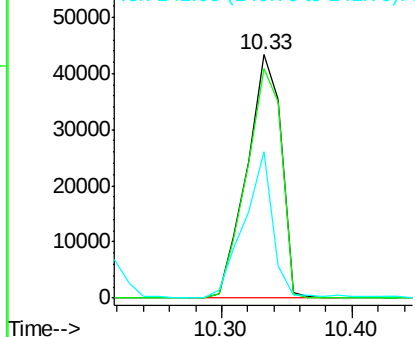


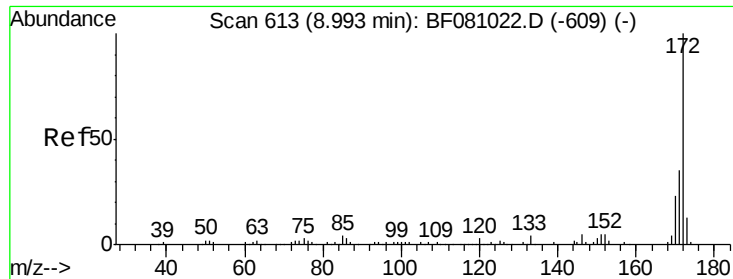
#41
 2,4,6-Tribromophenol
 Concen: 95.21 ng
 RT: 10.33 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	52.3	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

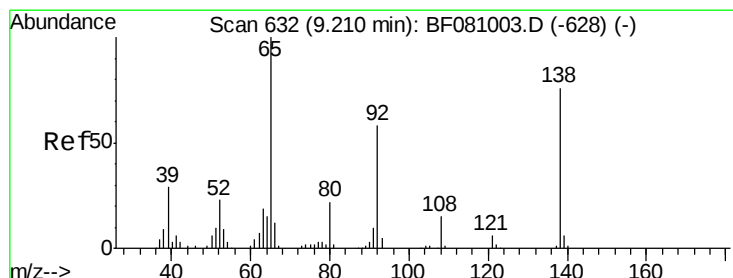
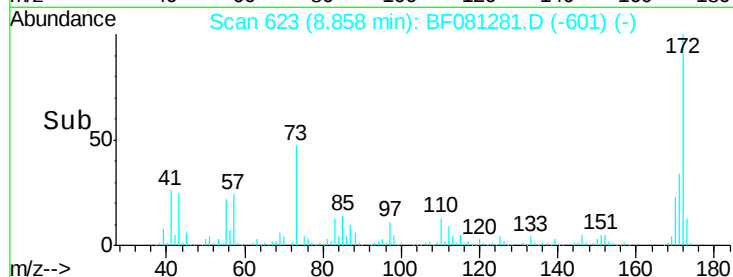
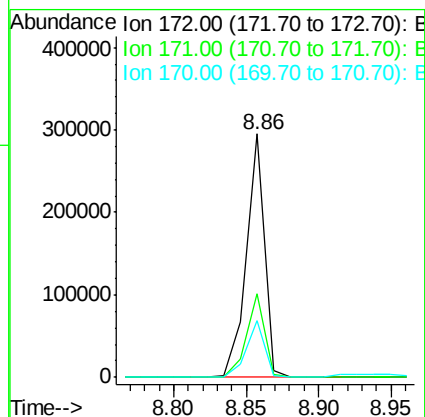
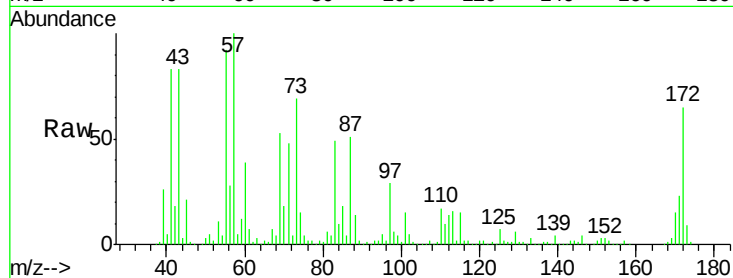




#44
 2-Fluorobiphenyl
 Concen: 34.98 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

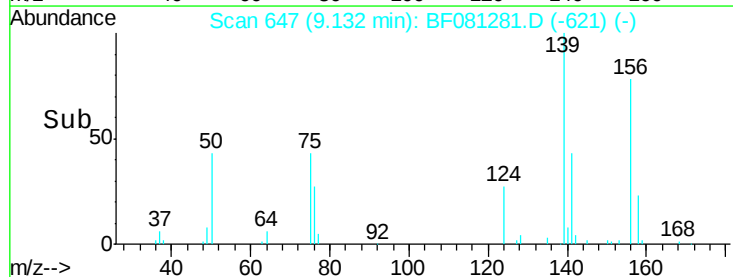
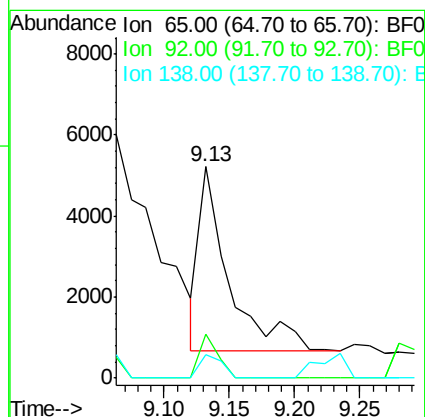
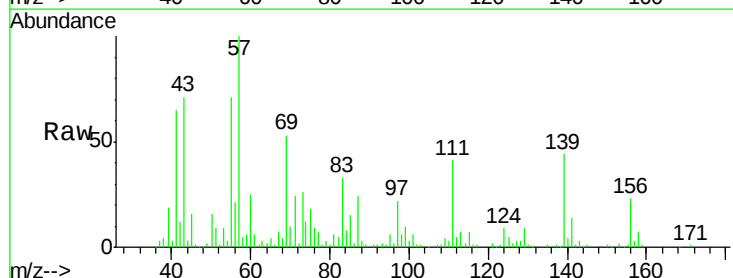
Instrument :
 BNA_F
 ClientSampleId :

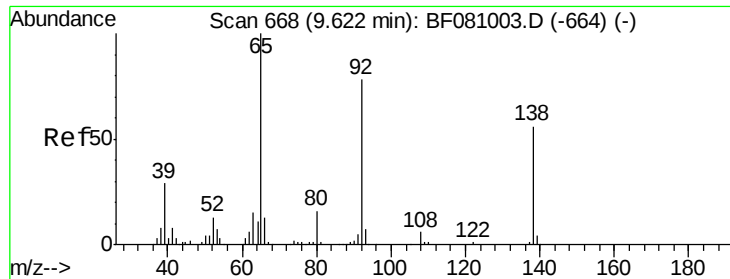
Tot Ion:172 Resp: 256402
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 23.2 19.4 29.2



#47
 2-Nitroaniline
 Concen: 2.60 ng
 RT: 9.13 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion: 65 Resp: 7236
 Ion Ratio Lower Upper
 65 100
 92 20.6 45.6 68.4#
 138 11.0 57.9 86.9#





#52

3-Nitroaniline

Concen: 14.24 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampled :

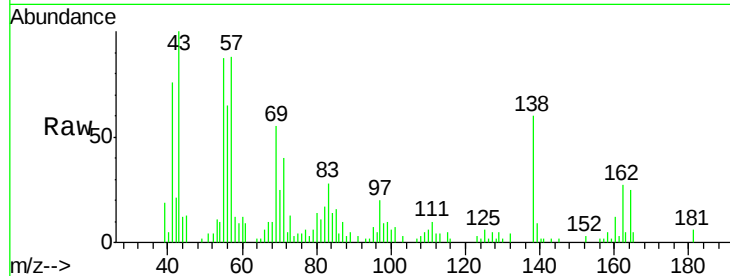
Tot Ion:138 Resp: 30255

Ion Ratio Lower Upper

138 100

108 4.7 9.4 14.2#

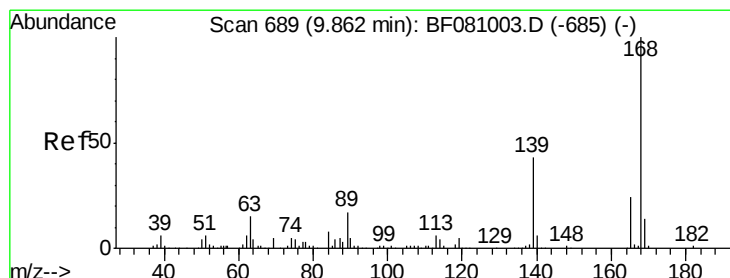
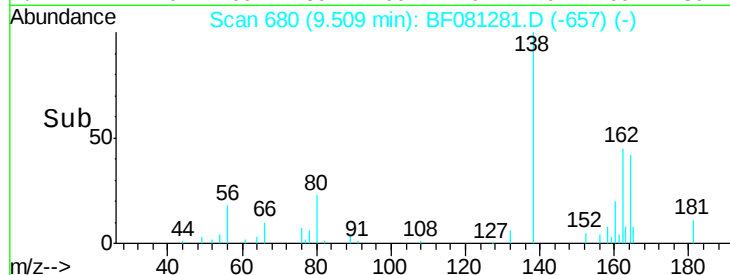
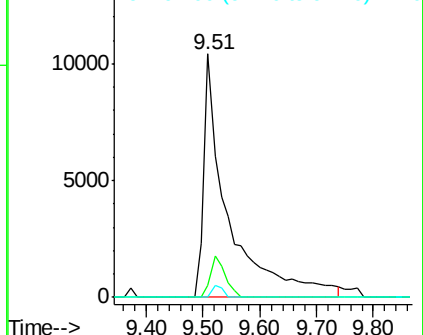
92 0.0 113.2 169.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#56

2,4-Dinitrotoluene

Concen: 5.50 ng

RT: 9.52 min Scan# 681

Delta R.T. -0.25 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Tgt Ion:165 Resp: 12385

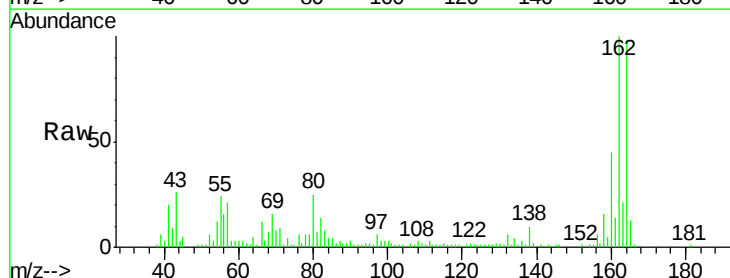
Ion Ratio Lower Upper

165 100

63 4.4 52.2 78.4#

89 15.1 60.1 90.1#

182 0.0 1.8 2.6#

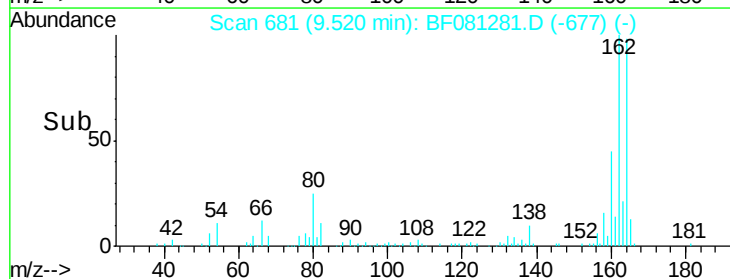
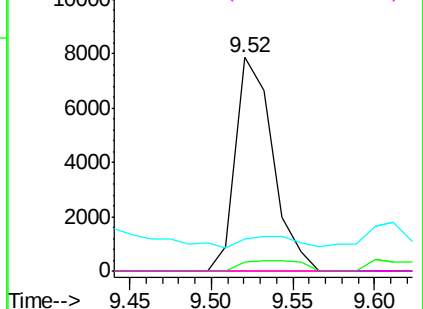


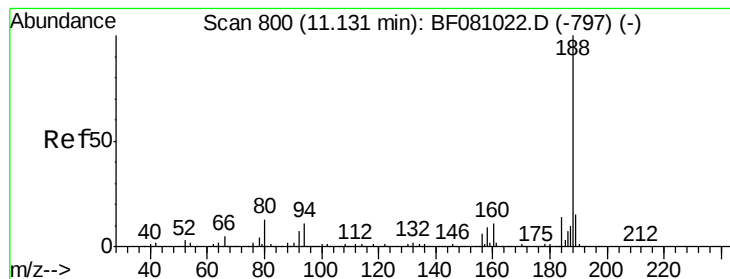
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.99 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

Instrument :

BNA_F

ClientSampleId :

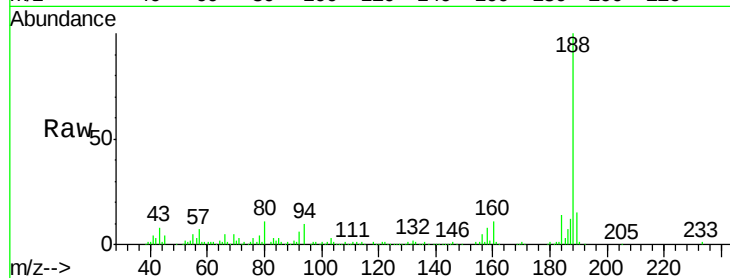
Tot Ion:188 Resp: 183712

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

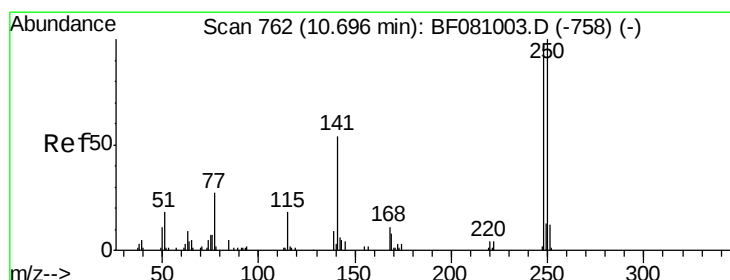
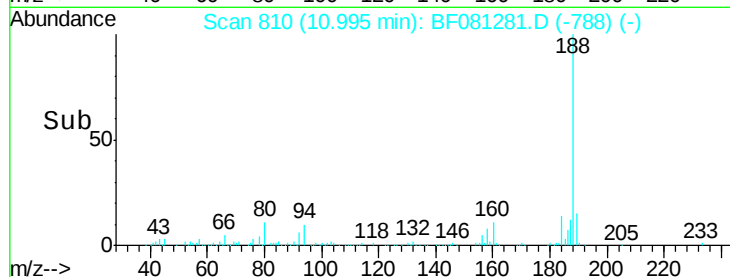
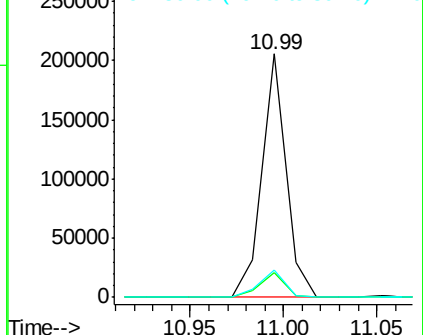
80 11.4 9.5 14.3



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: 3.41 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.26 min

Lab File: BF081281.D

Acq: 29 Aug 2015 20:25

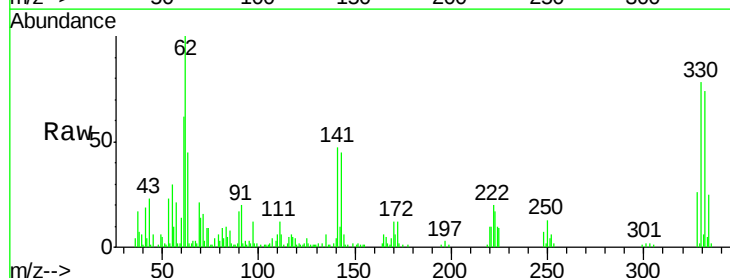
Tgt Ion:248 Resp: 6153

Ion Ratio Lower Upper

248 100

250 187.9 77.8 116.6#

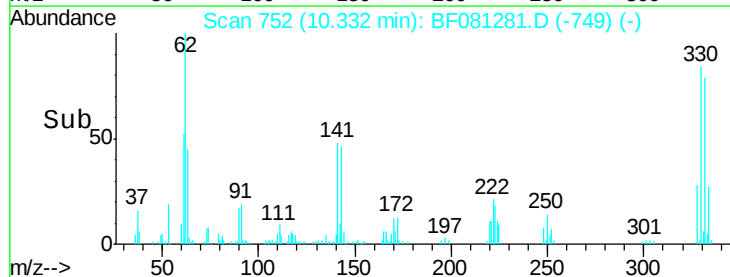
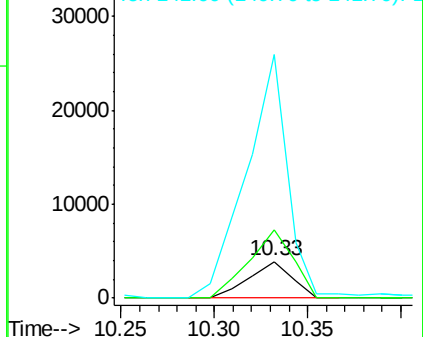
141 667.8 39.8 59.6#

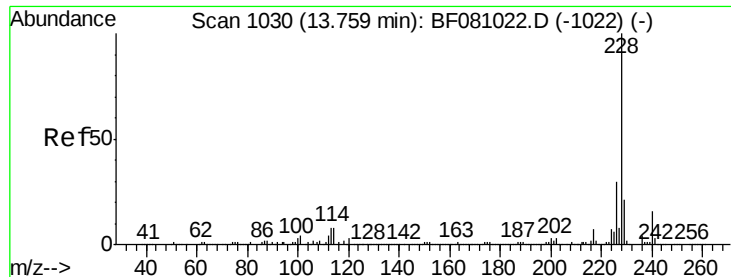


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

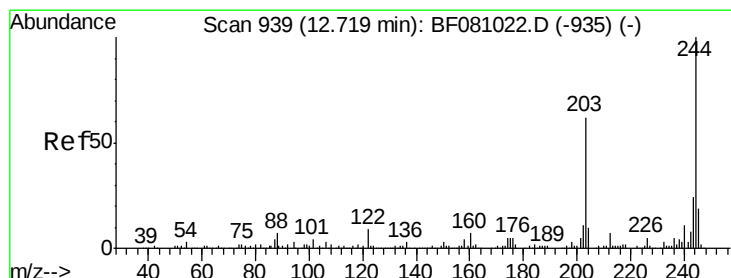
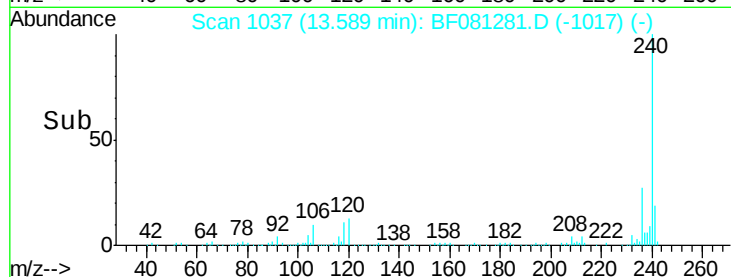
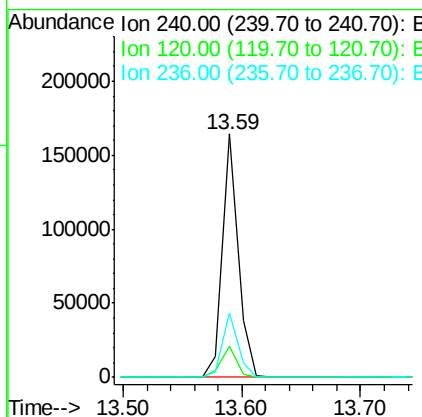
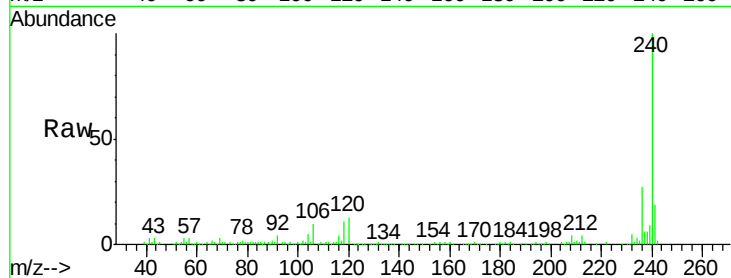




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.07 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

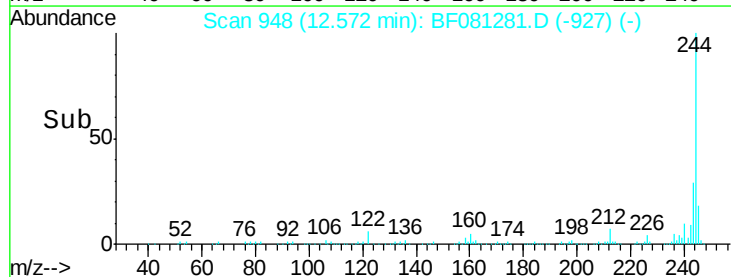
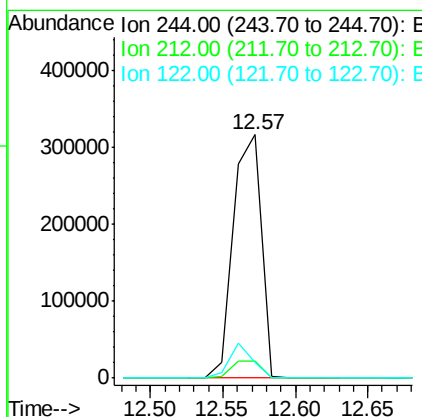
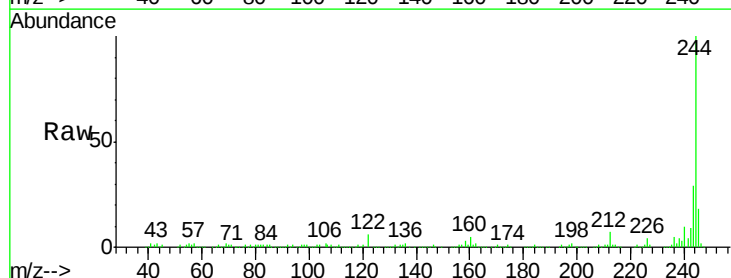
Instrument :
 BNA_F
 ClientSampleId :

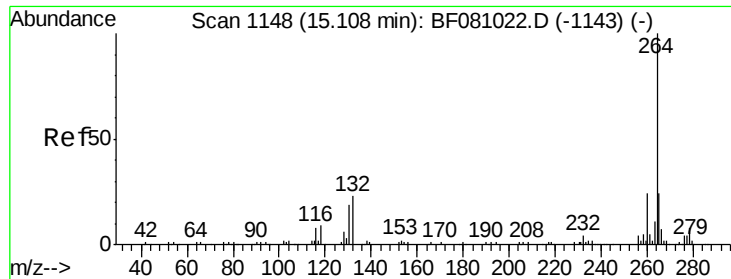
Tot Ion:240 Resp: 151196
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.6 8.4#
 236 26.6 20.6 30.8



#78
 Terphenyl-d14
 Concen: 60.33 ng
 RT: 12.57 min Scan# 948
 Delta R.T. -0.06 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Tgt Ion:244 Resp: 425487
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 6.3 8.2 12.4#

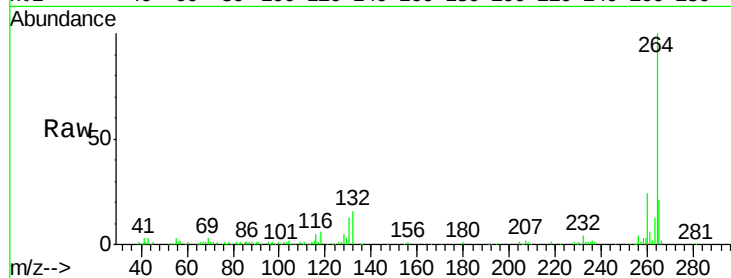




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081281.D
 Acq: 29 Aug 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

