

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081091.D
 Acq On : 19 Aug 2015 20:24
 Operator : UM/IZ
 Sample : PB85067BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:49:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

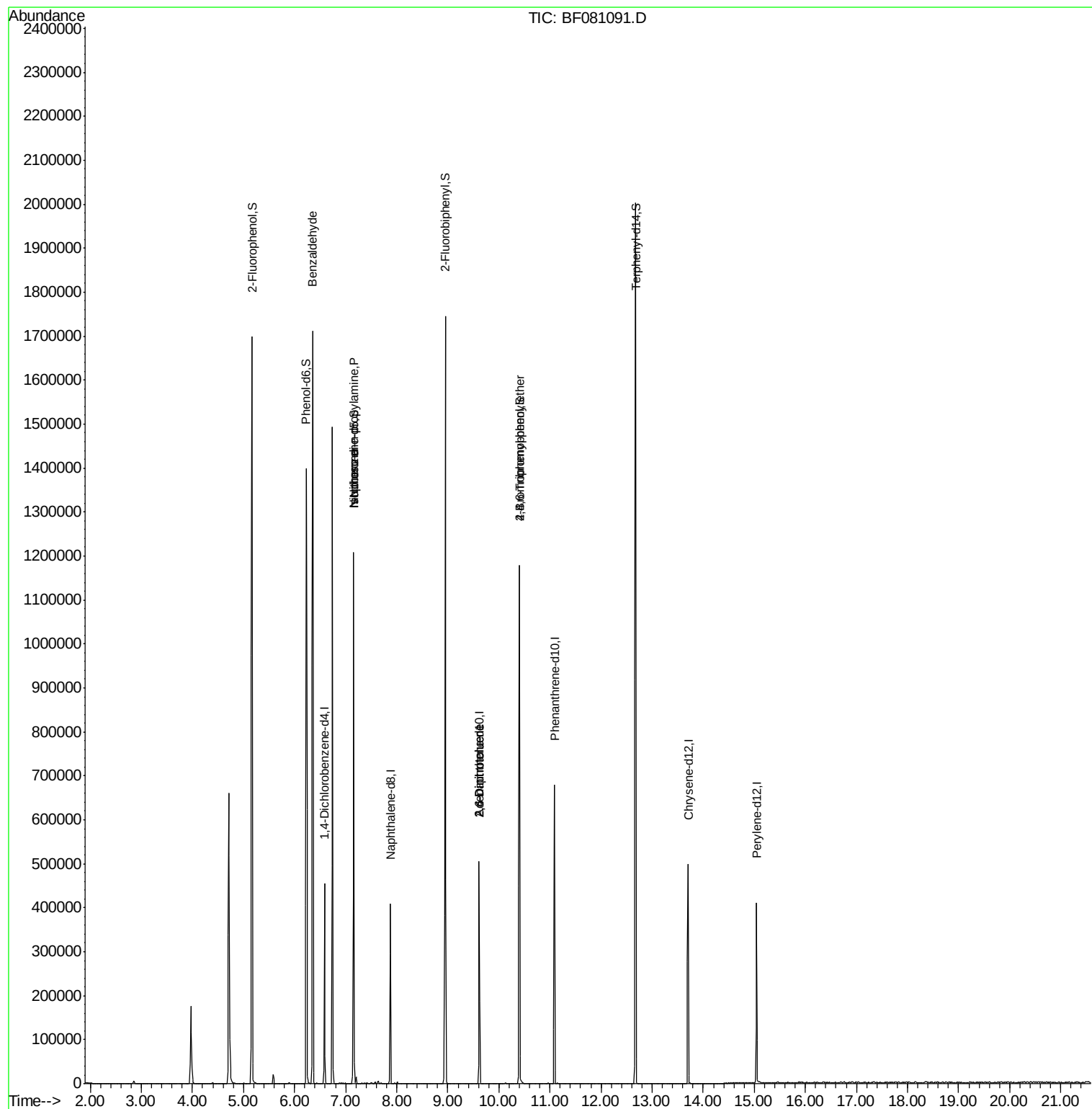
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	58999	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	232611	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	106063	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	231433	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	207093	20.00	ng	-0.04
86) Perylene-d12	15.04	264	159105	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	478615	122.02	ng	-0.02
7) Phenol-d6	6.23	99	592968	115.86	ng	-0.03
23) Nitrobenzene-d5	7.16	82	387227	76.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	109296	118.88	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	592257	73.17	ng	-0.04
78) Terphenyl-d14	12.68	244	644351	66.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.36	77	12914	3.91	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.16	70	53420	15.07	ng	# 69
25) Isophorone	7.16	82	287876	30.32	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	13354	7.12	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	13354	5.37	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	9249	4.07	ng	# 1

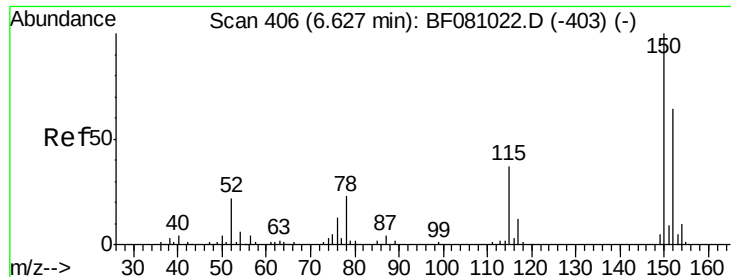
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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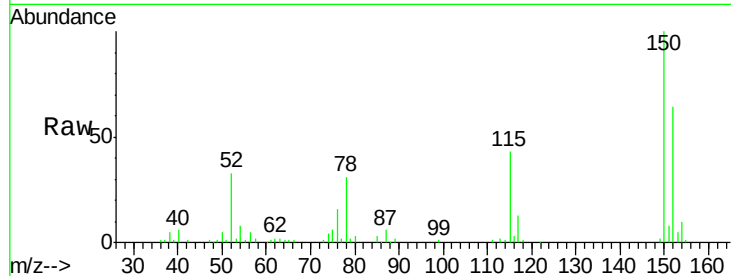


#1

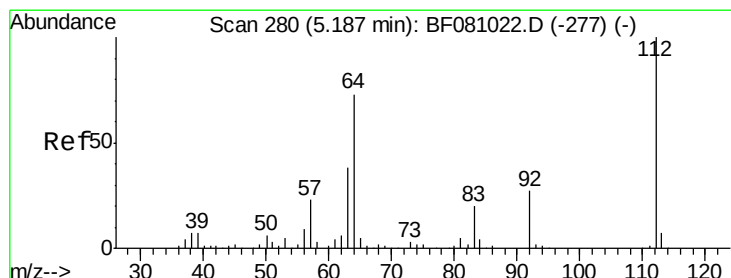
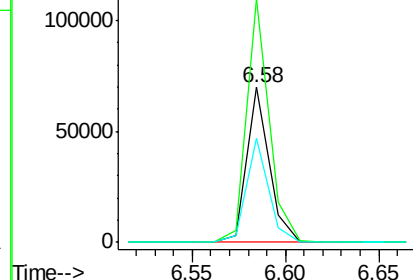
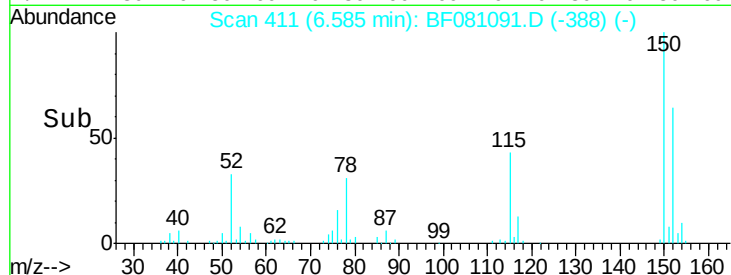
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58999
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 67.1 52.1 78.1



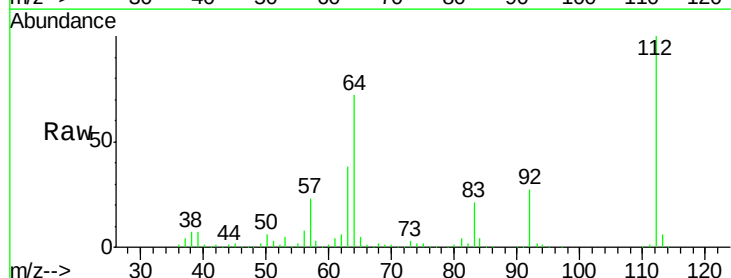
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



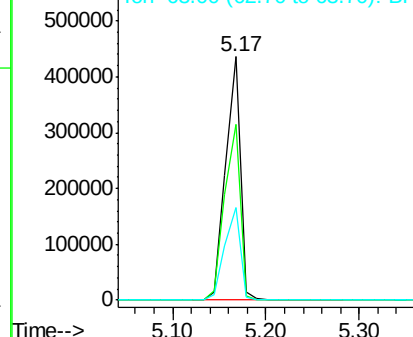
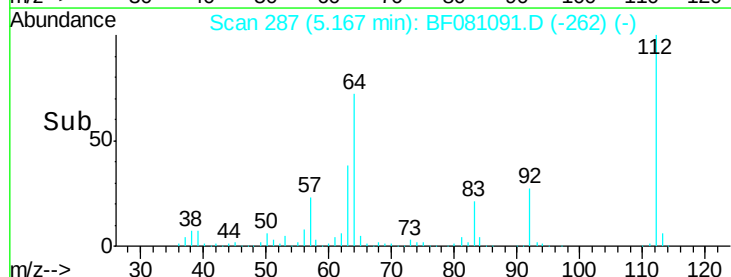
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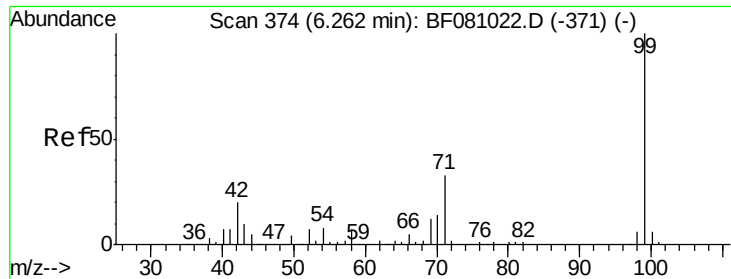
2-Fluorophenol
Concen: 122.02 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Tgt Ion:112 Resp: 478615
Ion Ratio Lower Upper
112 100
64 72.4 66.9 100.3
63 38.1 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: 115.86 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081091.D

Acq: 19 Aug 2015 20:24

Instrument :

BNA_F

ClientSampleId :

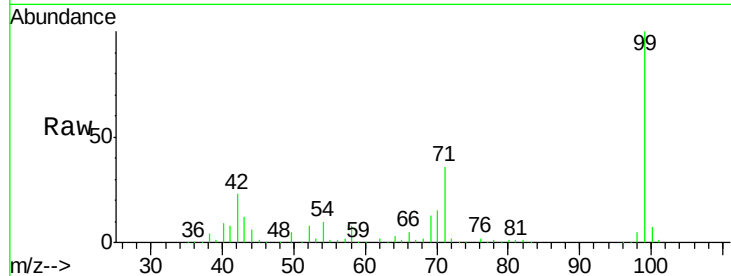
Tot Ion: 99 Resp: 592968

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

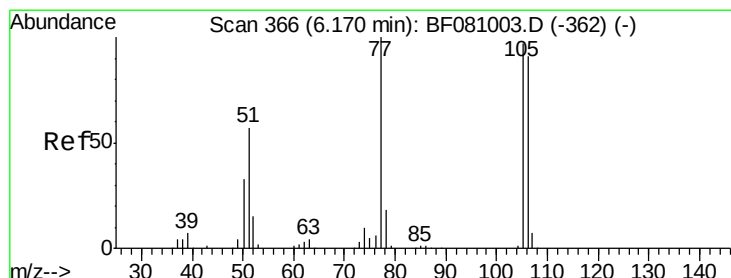
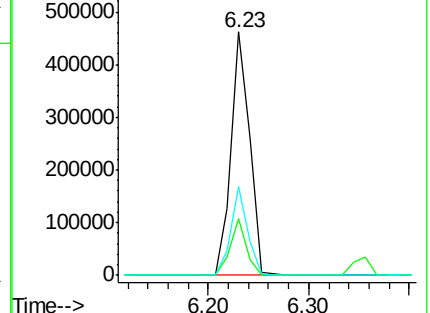
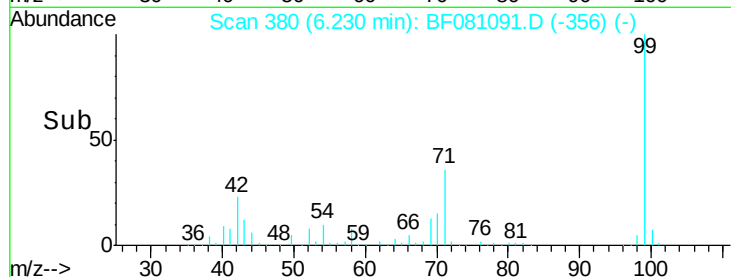
71 36.2 31.2 46.8



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: 3.91 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081091.D

Acq: 19 Aug 2015 20:24

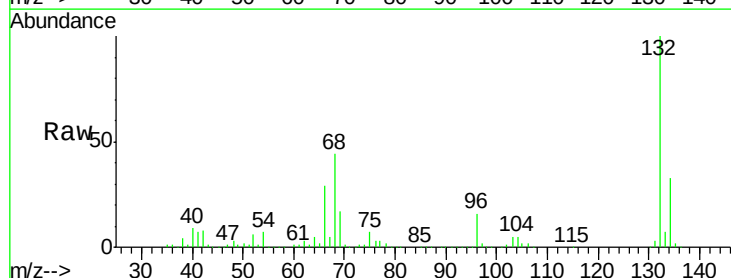
Tgt Ion: 77 Resp: 12914

Ion Ratio Lower Upper

77 100

105 77.1 69.6 109.6

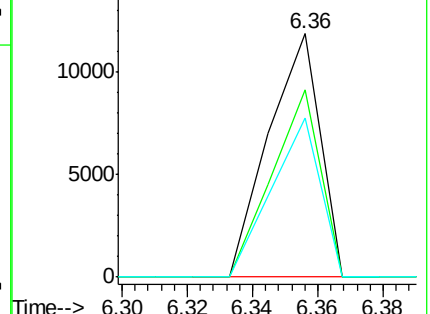
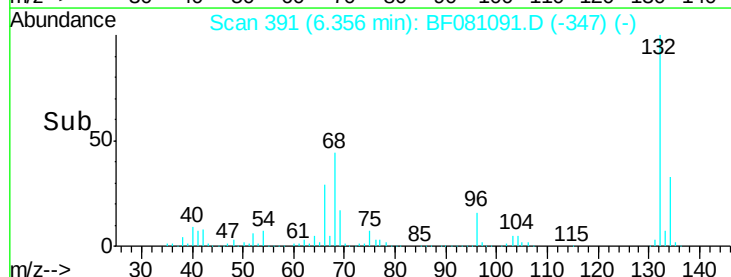
106 65.4 64.0 104.0

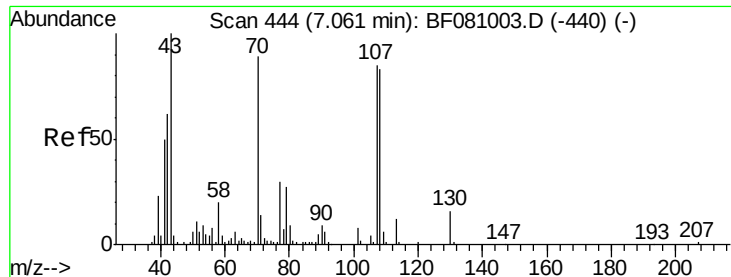


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

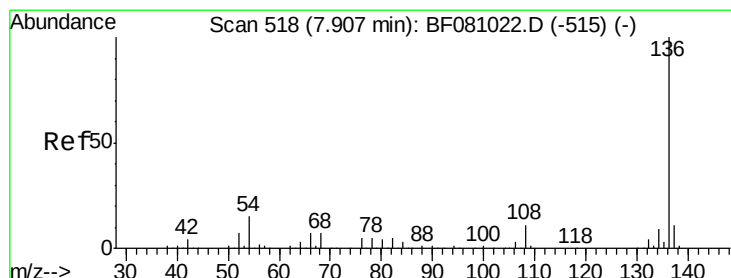
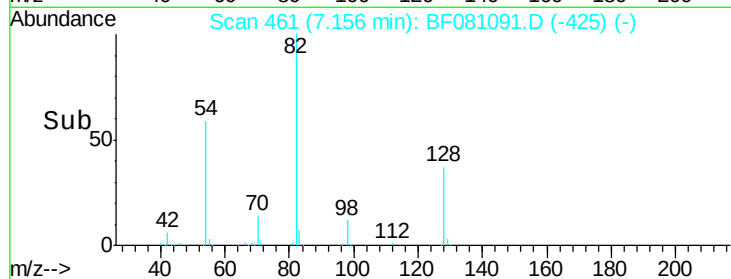
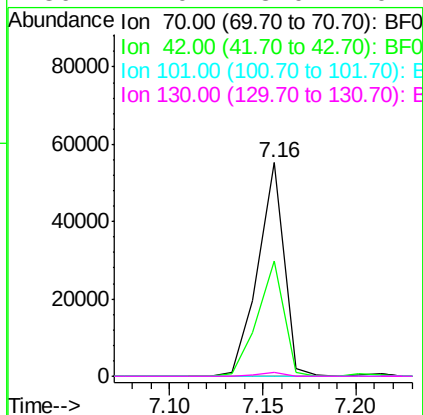
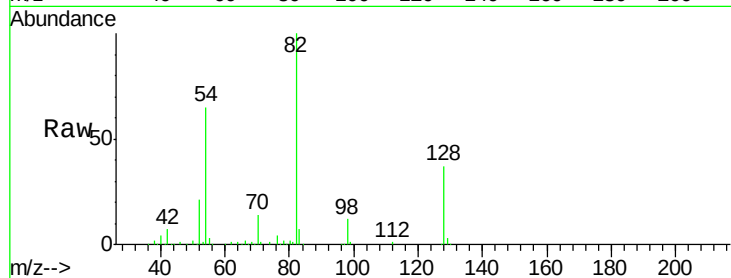




#19
n-Nitroso-di-n-propylamine
Concen: 15.07 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

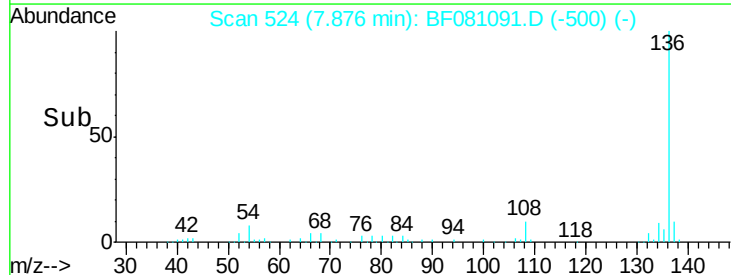
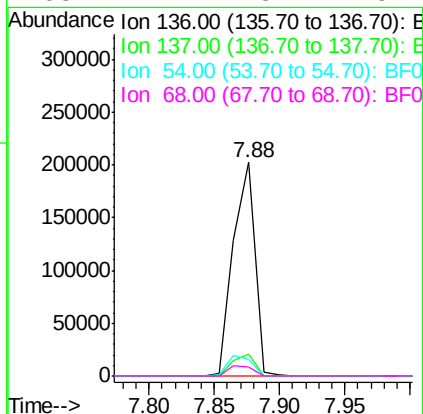
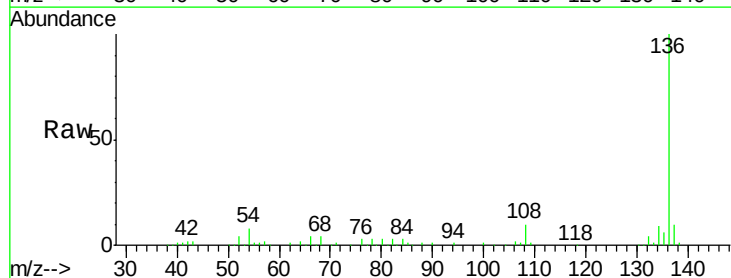
Instrument :
BNA_F
ClientSampleId :

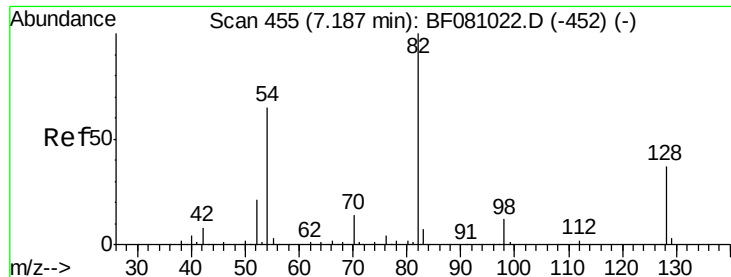
Tot Ion: 70 Resp: 53420
Ion Ratio Lower Upper
70 100
42 53.7 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Tgt Ion:136 Resp: 232611
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.9 7.7 11.5
68 4.4 3.4 5.2

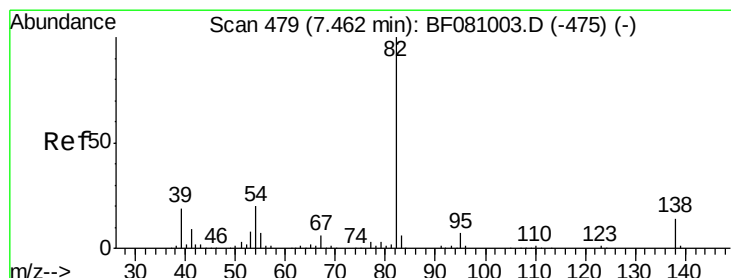
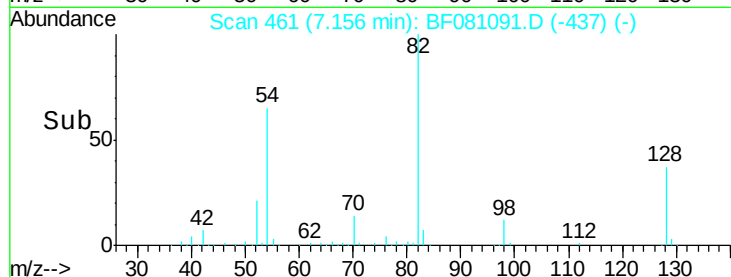
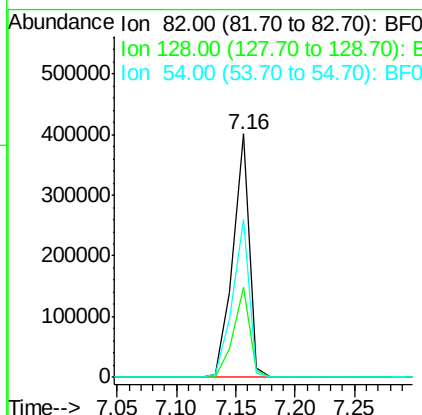
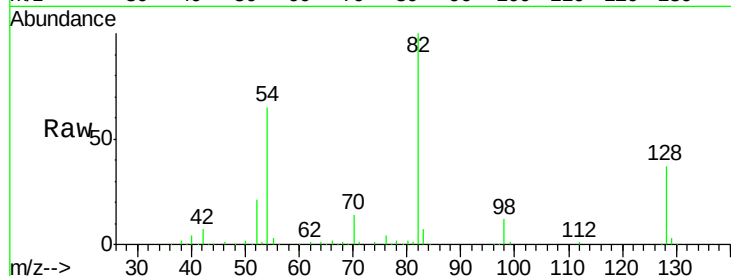




#23
Nitrobenzene-d5
Concen: 76.05 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

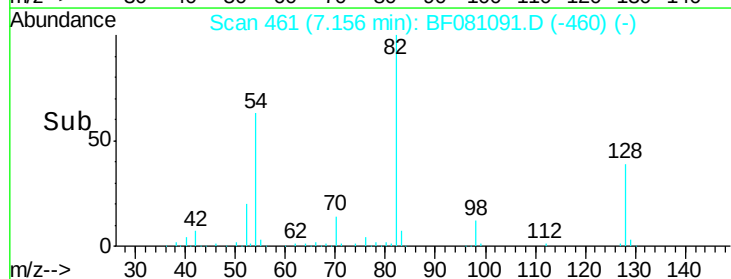
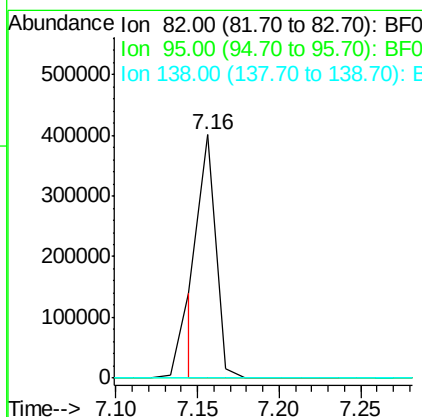
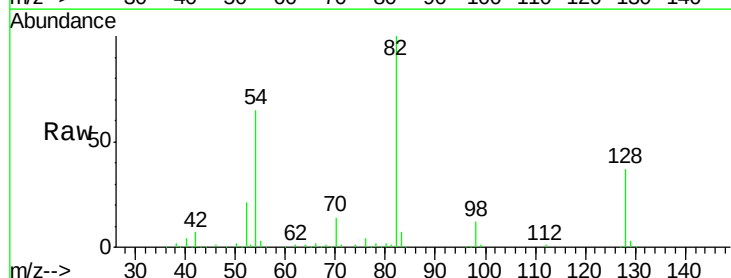
Instrument :
BNA_F
ClientSampled :

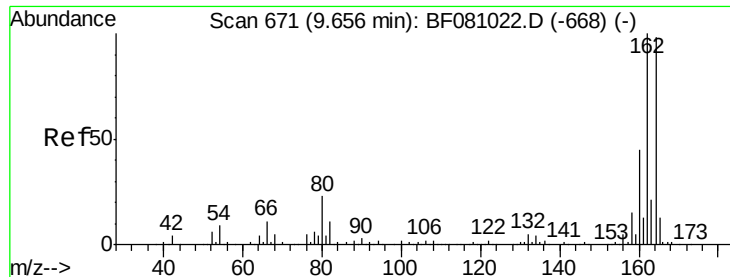
Tot Ion	82	Resp	387227
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.6	42.8
54	65.0	55.1	82.7



#25
Isophorone
Concen: 30.32 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Tgt Ion	82	Resp	287876
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

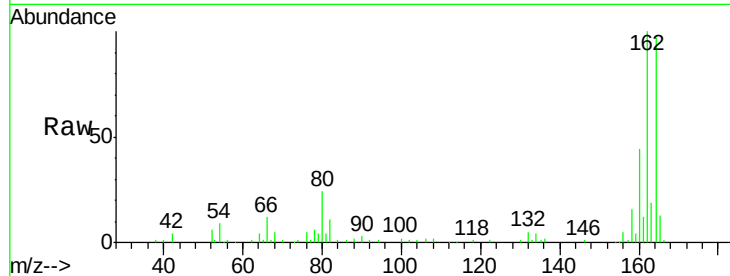




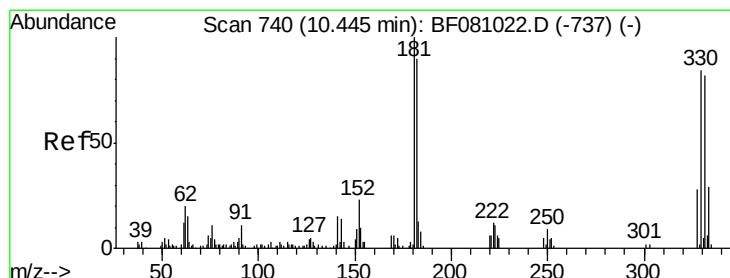
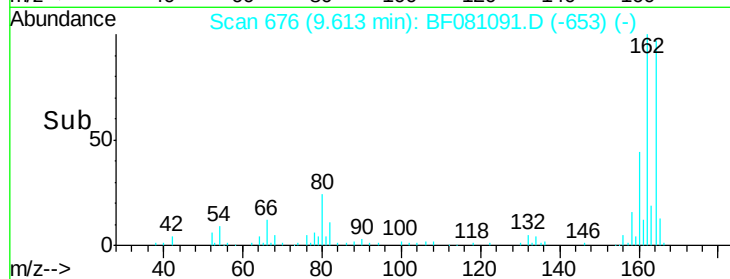
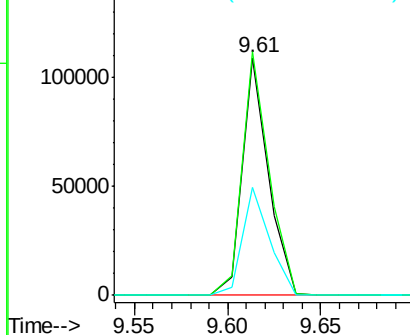
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.8	125.8
160	45.4	39.8	59.8

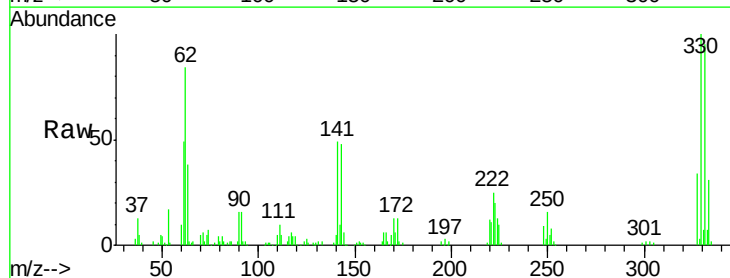


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

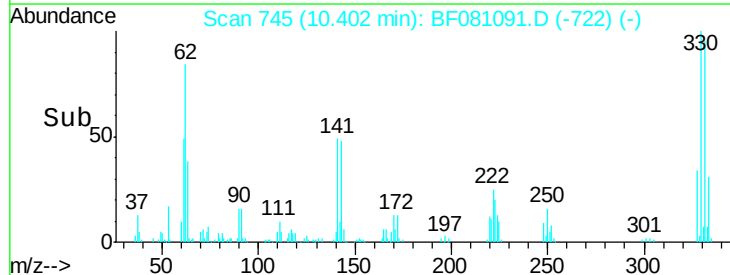
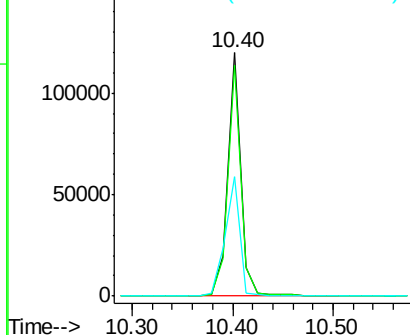


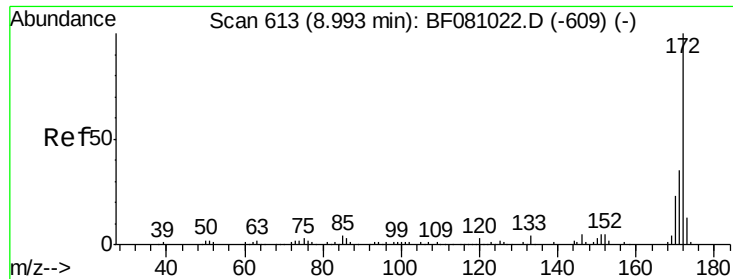
#41
 2,4,6-Tribromophenol
 Concen: 118.88 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	54.6	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

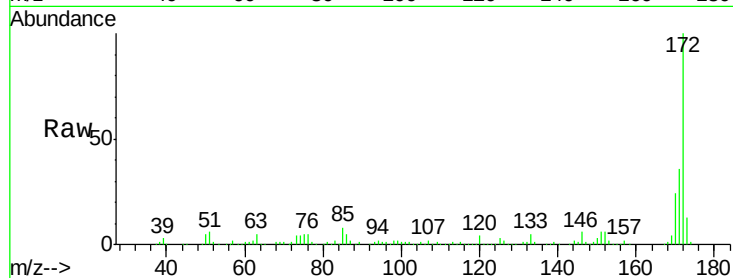




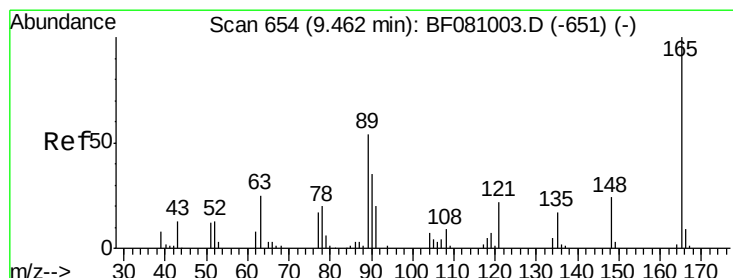
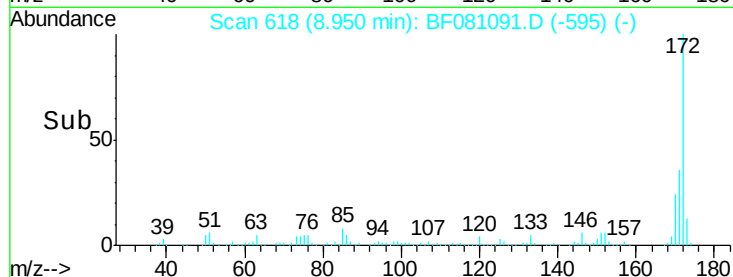
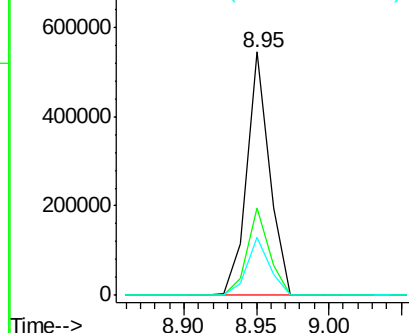
#44
2-Fluorobiphenyl
Concen: 73.17 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.04 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.9	19.4	29.2

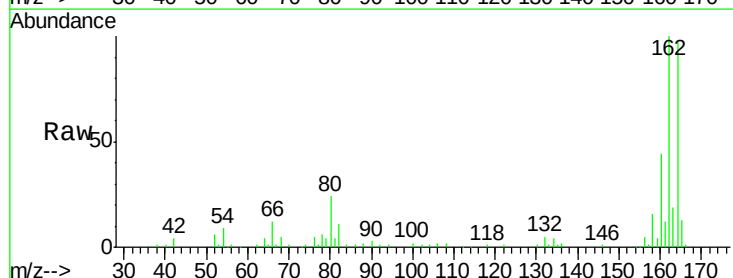


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

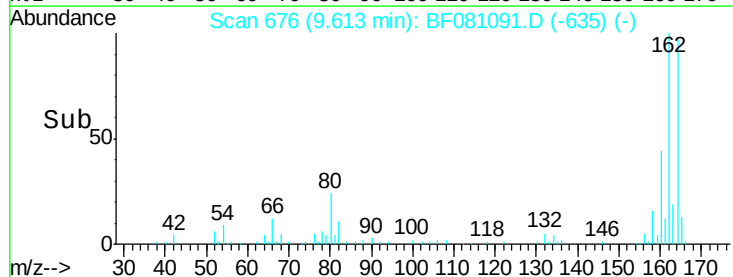
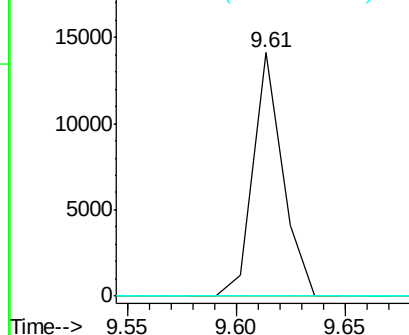


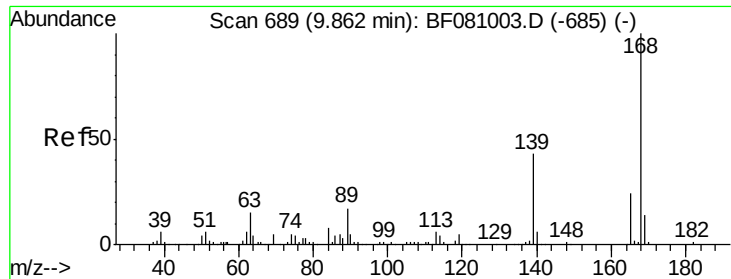
#50
2,6-Dinitrotoluene
Concen: 7.12 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.16 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



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

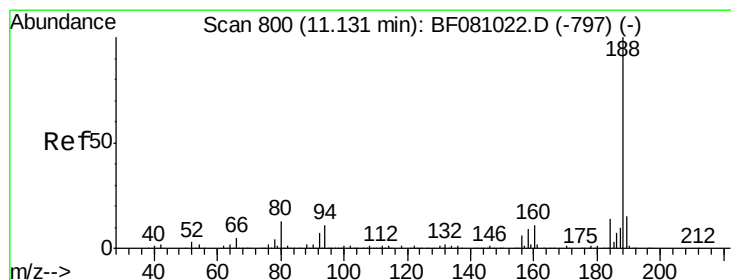
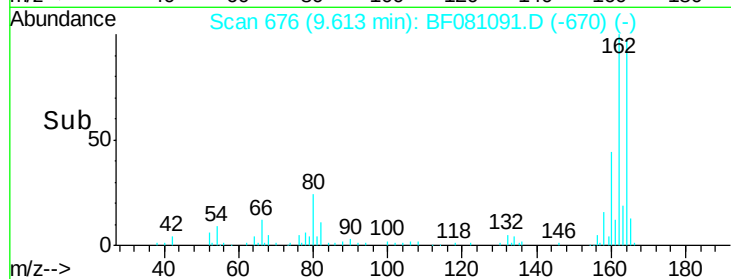
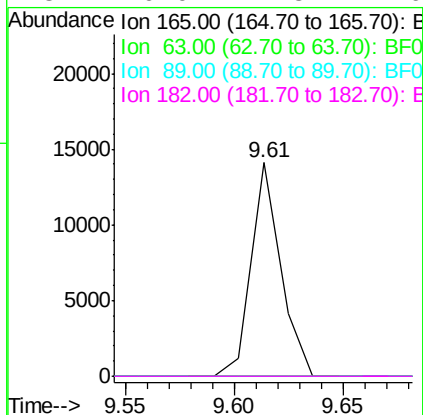
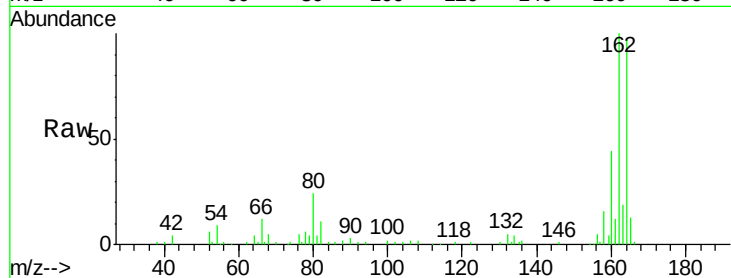




#56
 2,4-Dinitrotoluene
 Concen: 5.37 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

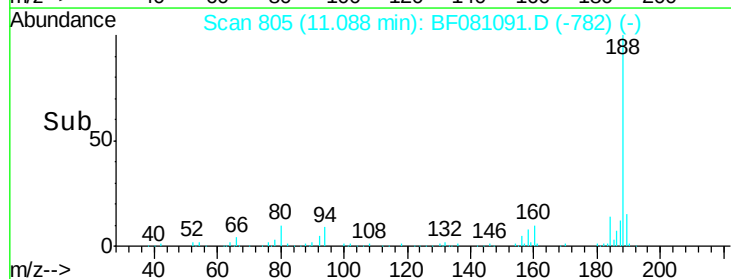
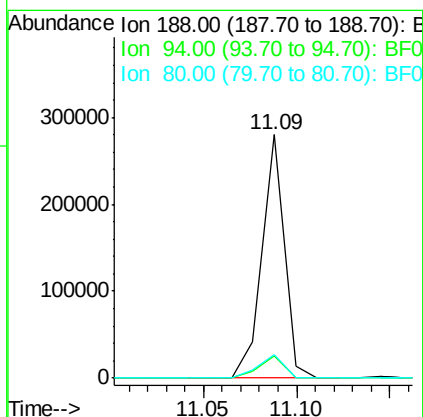
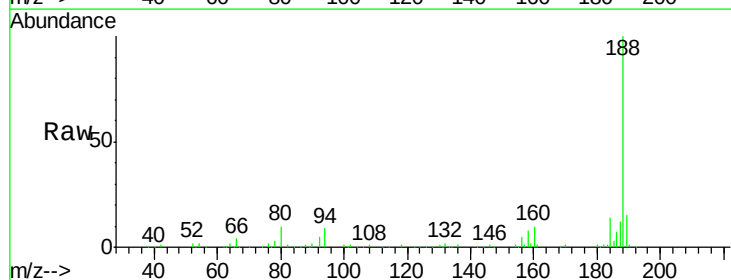
Instrument :
 BNA_F
 ClientSampleId :

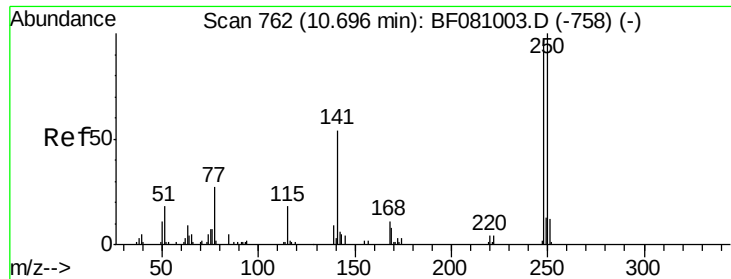
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.6	9.5	14.3





#66

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081091.D

Acq: 19 Aug 2015 20:24

Instrument :

BNA_F

ClientSampleId :

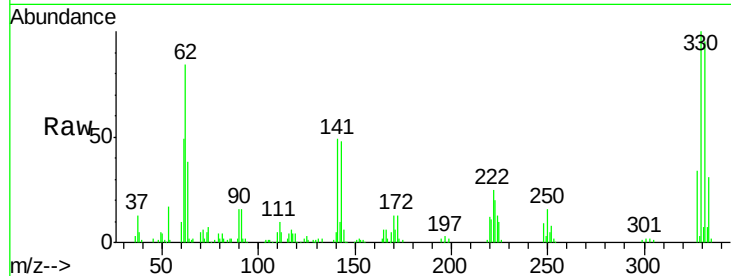
Tot Ion:248 Resp: 9249

Ion Ratio Lower Upper

248 100

250 189.9 77.8 116.6#

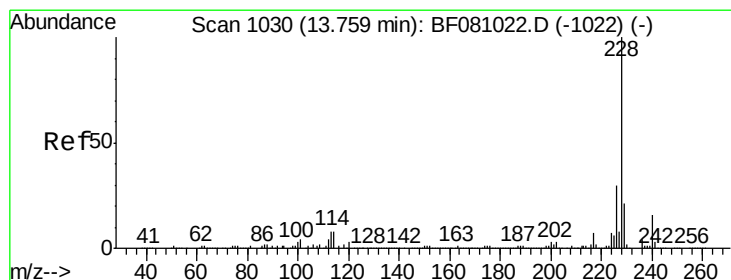
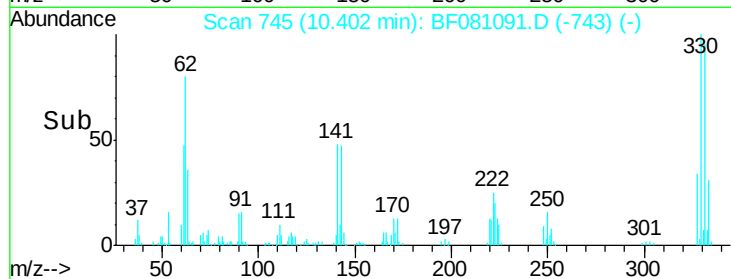
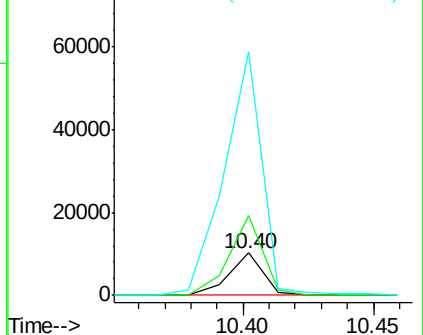
141 576.5 39.8 59.6#



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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081091.D

Acq: 19 Aug 2015 20:24

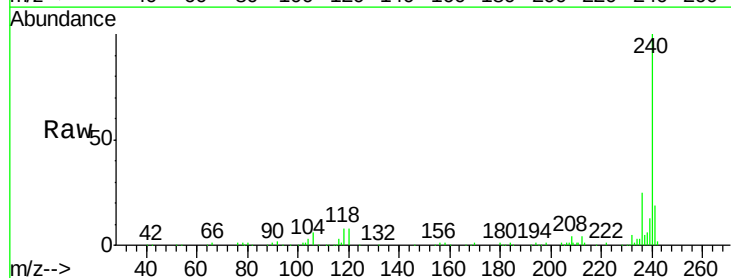
Tgt Ion:240 Resp: 207093

Ion Ratio Lower Upper

240 100

120 8.4 5.6 8.4#

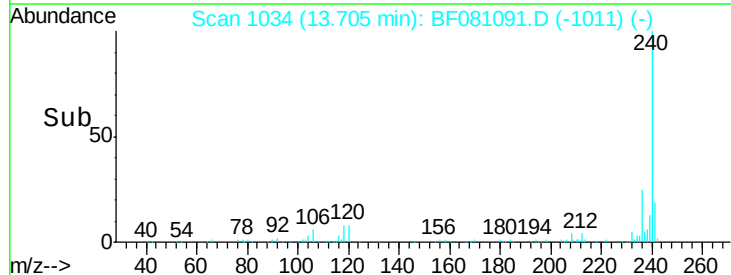
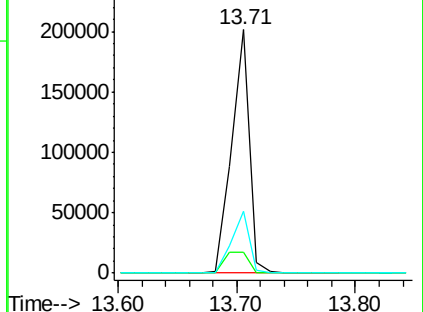
236 25.3 20.6 30.8

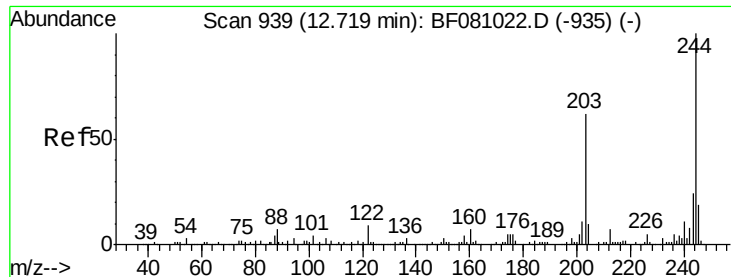


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

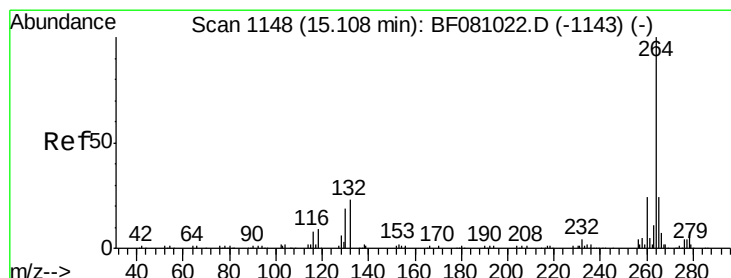
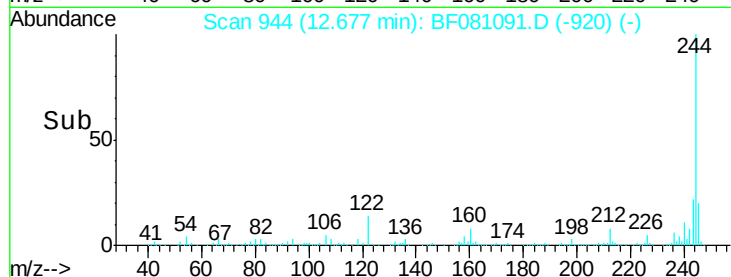
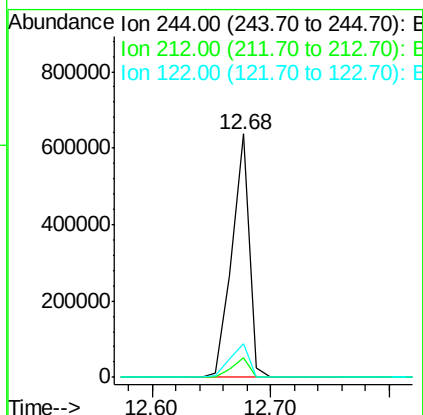
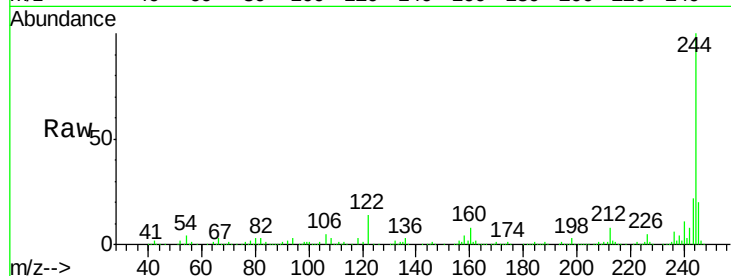




#78
 Terphenyl-d14
 Concen: 66.70 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 644351
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 13.6 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Tgt Ion:264 Resp: 159105
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.5 17.5 26.3

