

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081093.D
 Acq On : 19 Aug 2015 21:26
 Operator : UM/IZ
 Sample : G3310-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:49:40 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

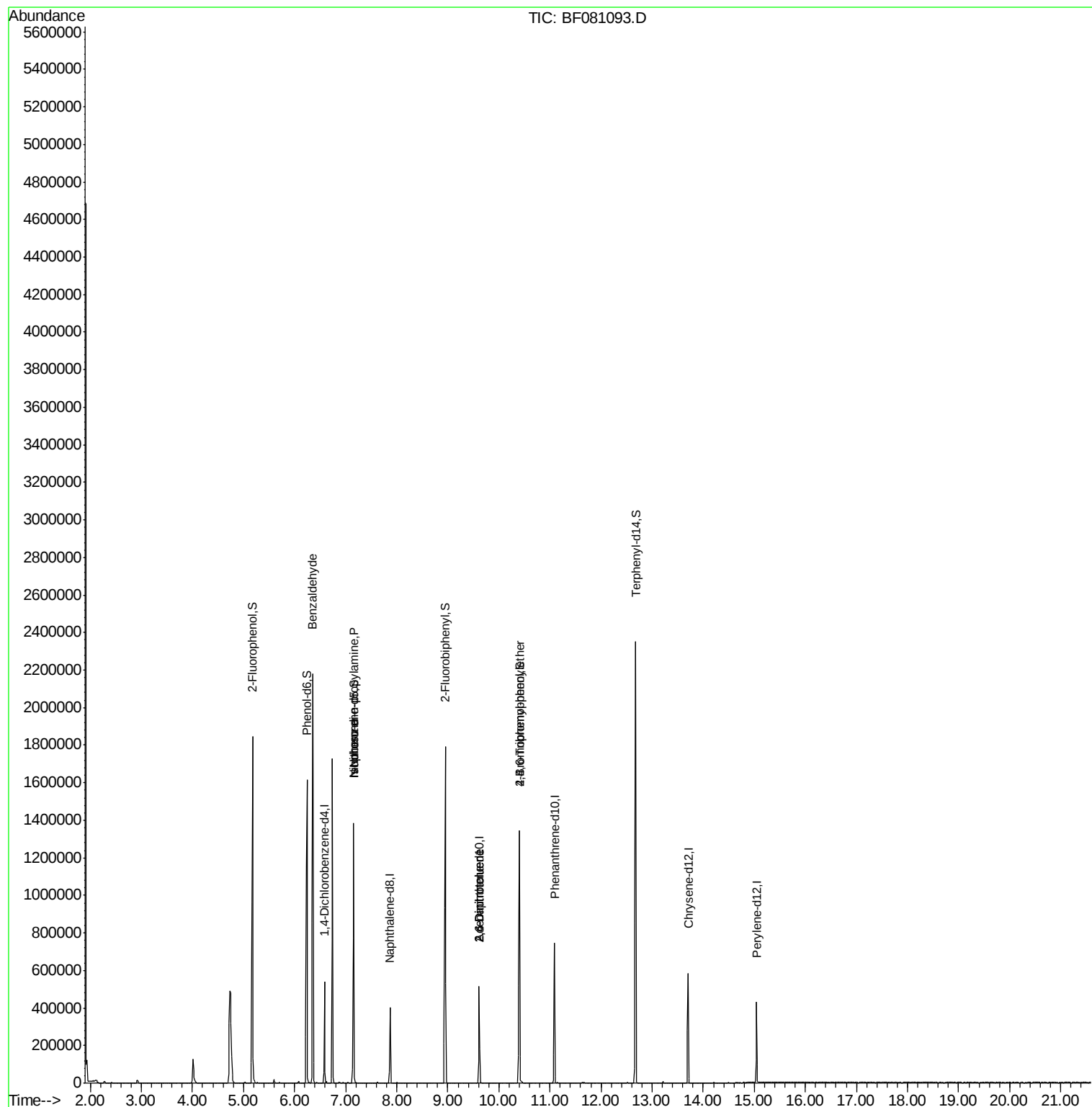
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	69789	20.00	ng	-0.04
21) Naphthalene-d8	7.86	136	270860	20.00	ng	-0.04
38) Acenaphthene-d10	9.61	164	117034	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	261246	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	230147	20.00	ng	-0.04
86) Perylene-d12	15.04	264	164005	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	527386	113.66	ng	0.00
7) Phenol-d6	6.24	99	719022	118.77	ng	-0.02
23) Nitrobenzene-d5	7.16	82	519213	87.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	138163	136.19	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	788574	88.29	ng	-0.04
78) Terphenyl-d14	12.68	244	743054	69.22	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.36	77	14861	3.81	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.16	70	70606	16.84	ng	# 68
25) Isophorone	7.16	82	503089	45.50	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	14955	7.23	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	14955	5.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10964	4.27	ng	# 1

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

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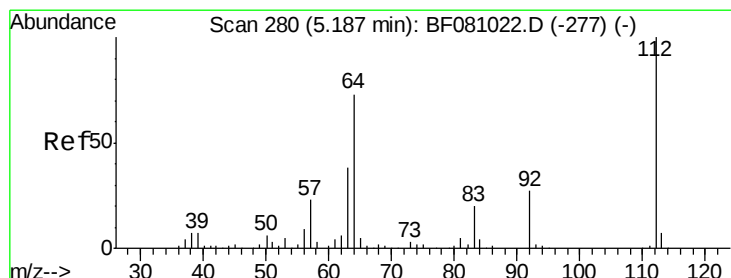
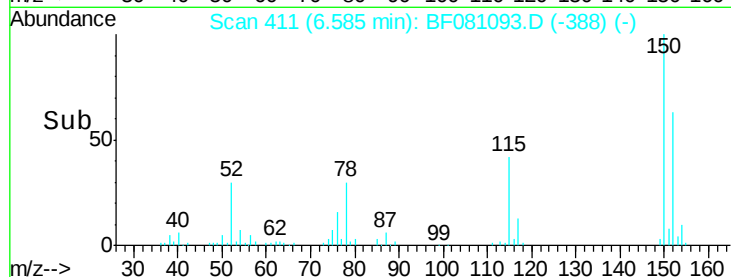
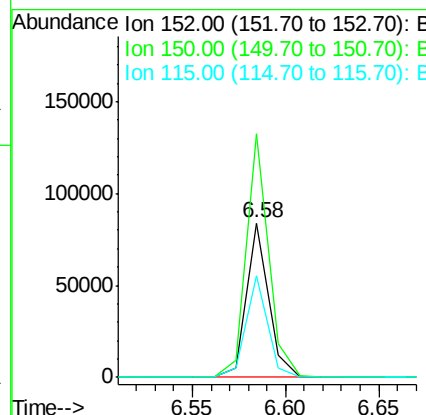
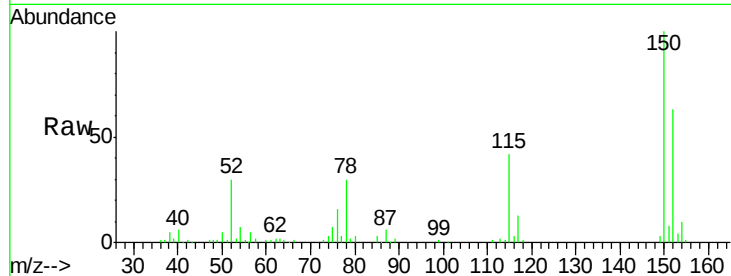


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

Instrument :
BNA_F
ClientSampleId :

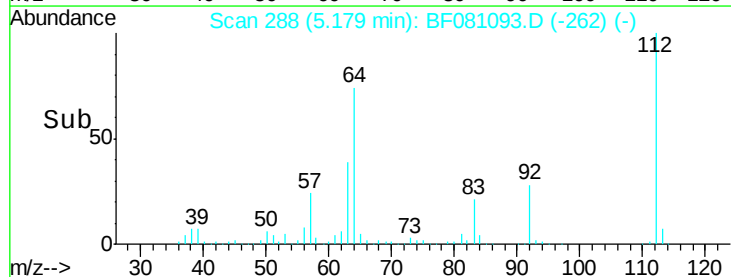
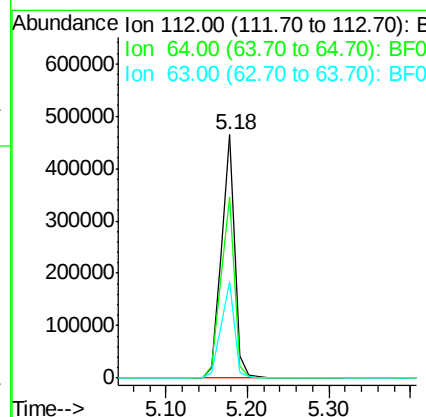
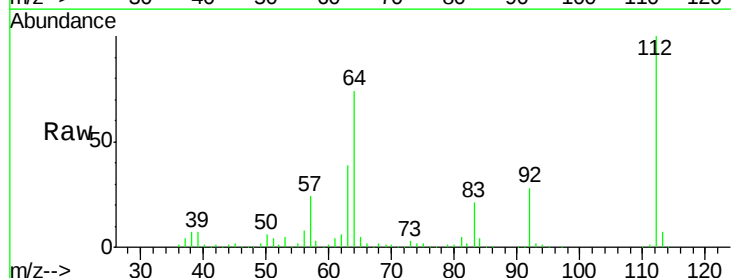
Tot Ion:152 Resp: 69789
Ion Ratio Lower Upper
152 100
150 157.6 123.8 185.6
115 66.1 52.1 78.1

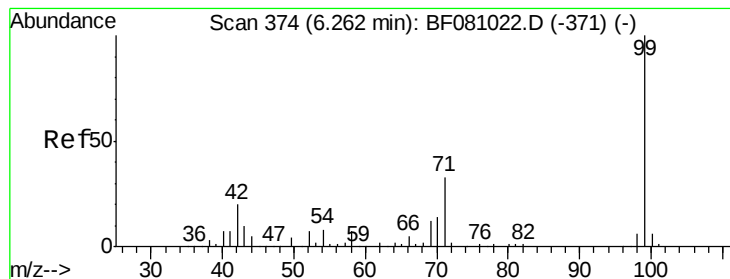


#5

2-Fluorophenol
Concen: 113.66 ng
RT: 5.18 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

Tgt Ion:112 Resp: 527386
Ion Ratio Lower Upper
112 100
64 74.2 66.9 100.3
63 39.4 38.1 57.1





#7

Phenol-d6

Concen: 118.77 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081093.D

Acq: 19 Aug 2015 21:26

Instrument :

BNA_F

ClientSampleId :

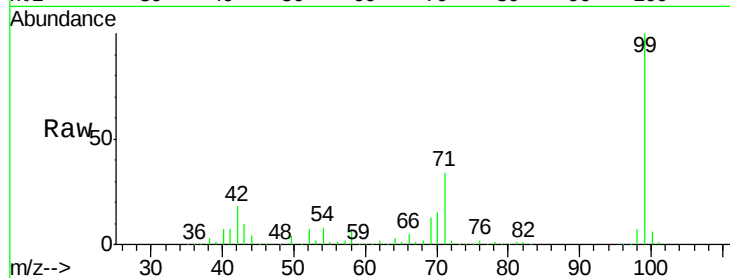
Tot Ion: 99 Resp: 719022

Ion Ratio Lower Upper

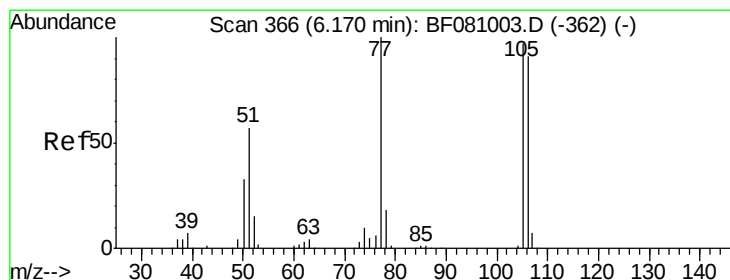
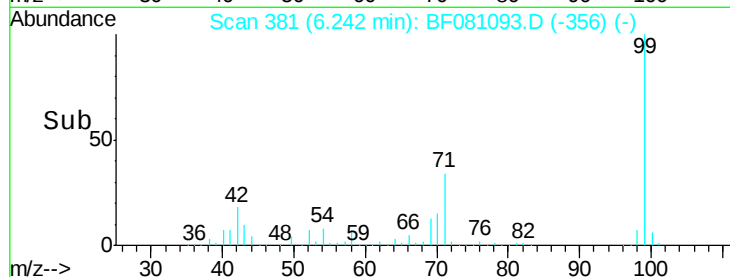
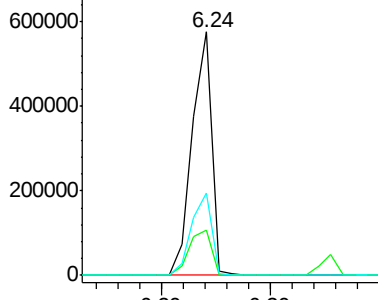
99 100

42 18.4 19.6 29.4#

71 34.0 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: 3.81 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081093.D

Acq: 19 Aug 2015 21:26

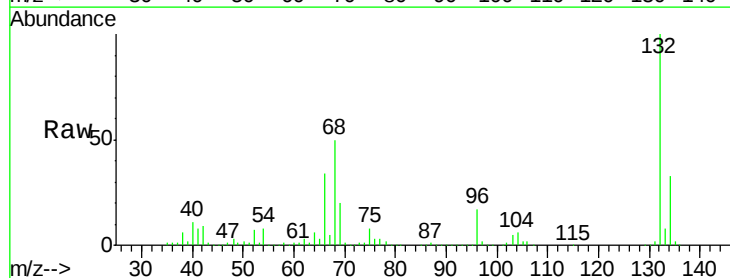
Tgt Ion: 77 Resp: 14861

Ion Ratio Lower Upper

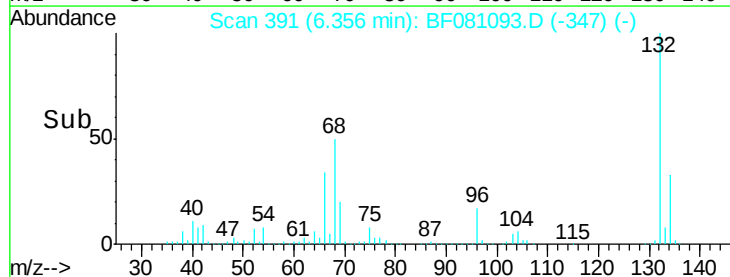
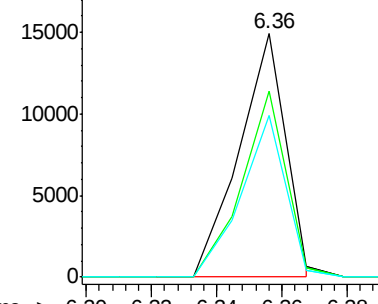
77 100

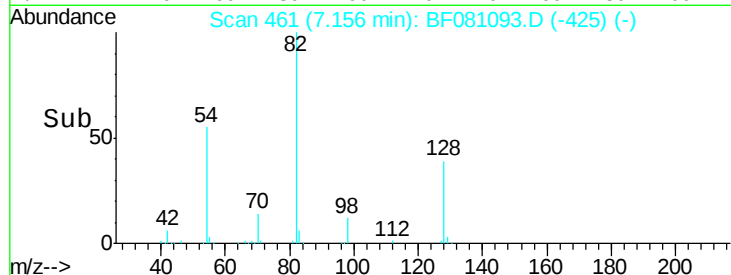
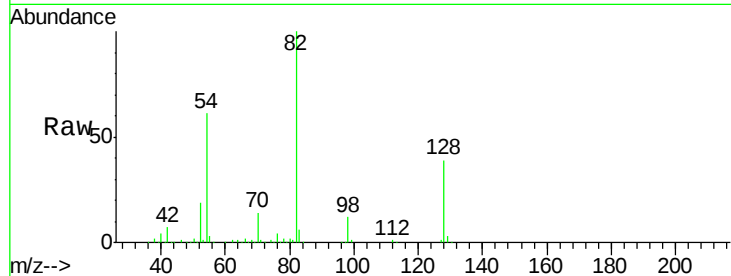
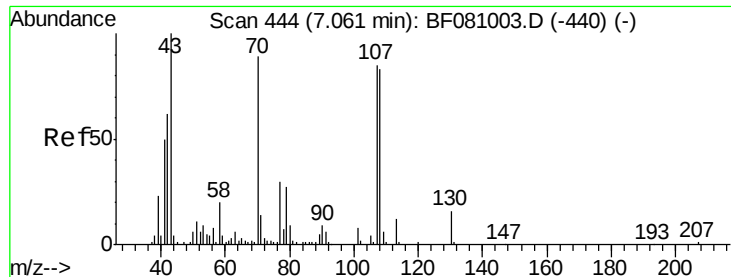
105 76.6 69.6 109.6

106 66.3 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

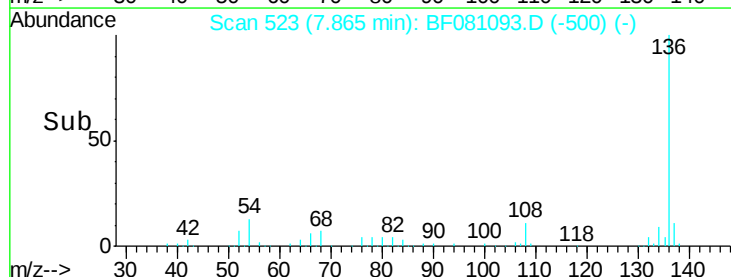
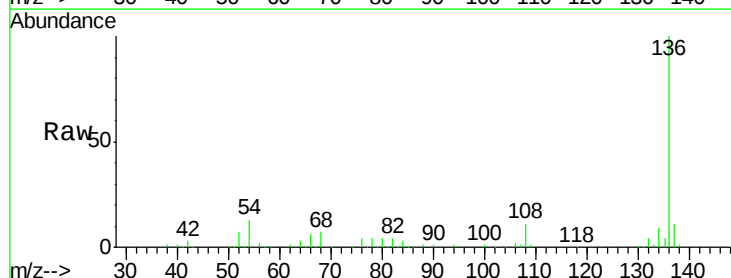
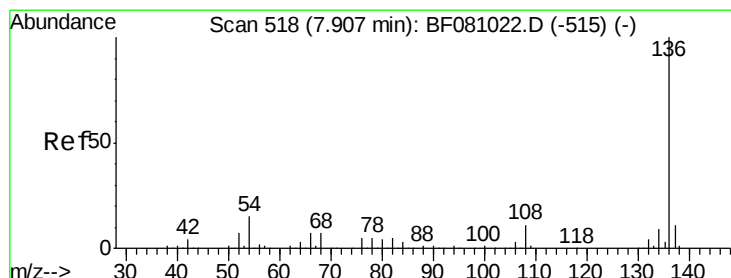
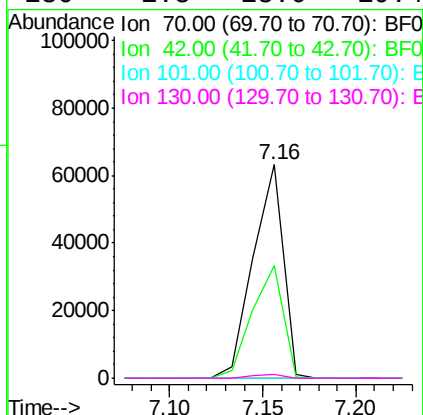




#19
n-Nitroso-di-n-propylamine
Concen: 16.84 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

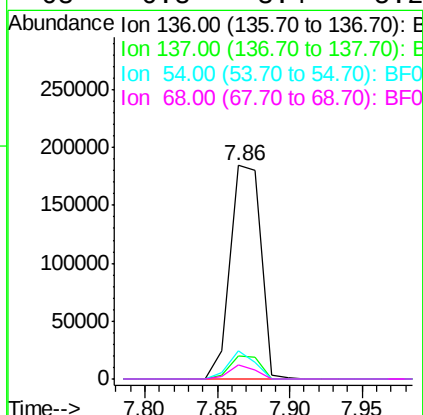
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	70606
Ion	Ratio	Lower	Upper
70	100		
42	52.5	65.0	97.4#
101	0.0	7.4	11.2#
130	1.8	13.0	19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.04 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

Tgt Ion:	136	Resp:	270860
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	13.2	7.7	11.5#
68	6.8	3.4	5.2#

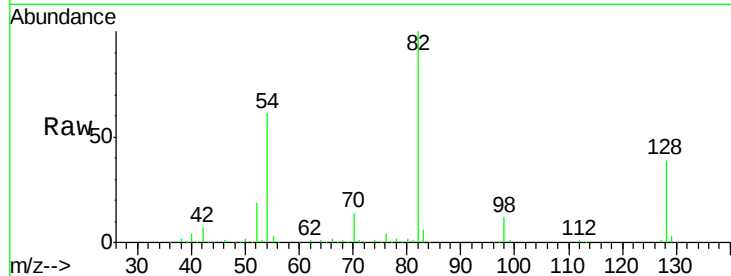




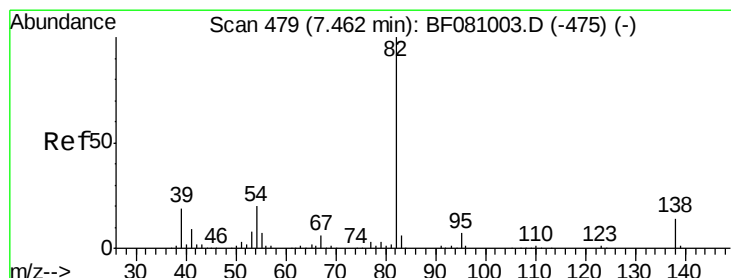
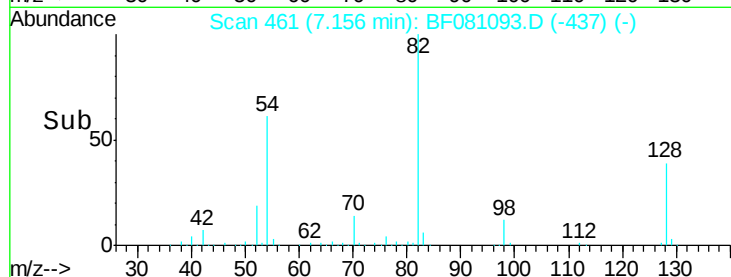
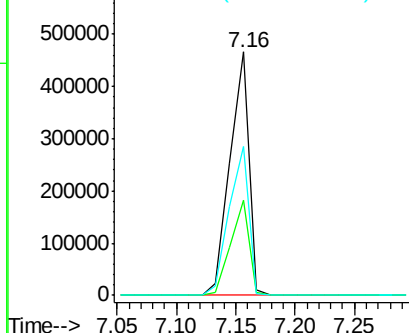
#23
 Nitrobenzene-d5
 Concen: 87.57 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	519213
Ion Ratio	100	Lower	Upper
128	39.1	28.6	42.8
54	61.0	55.1	82.7

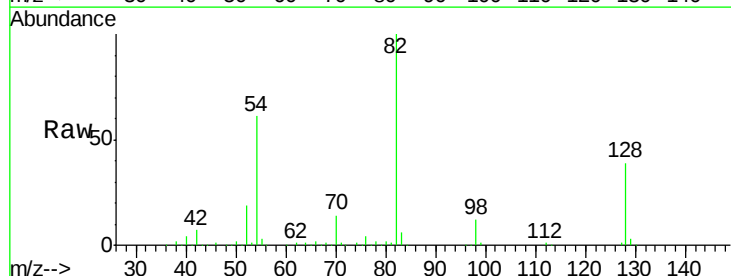


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

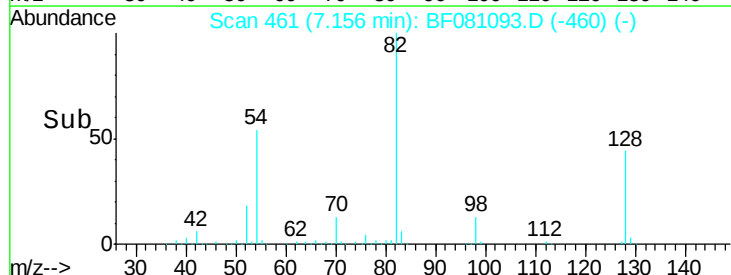
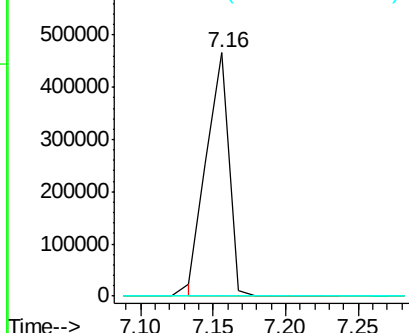


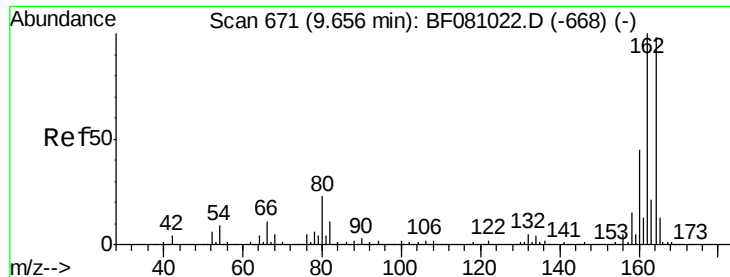
#25
 Isophorone
 Concen: 45.50 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.29 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

Tgt Ion	82	Resp	503089
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

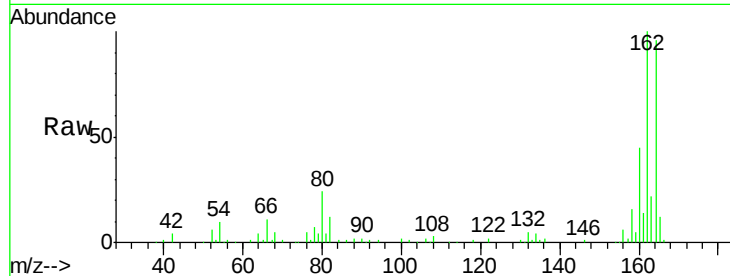




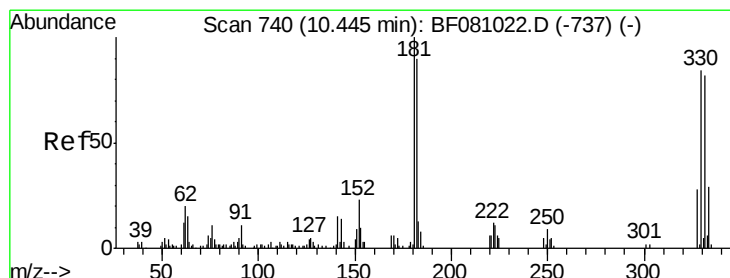
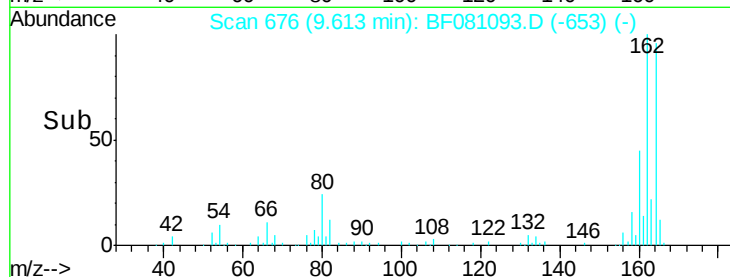
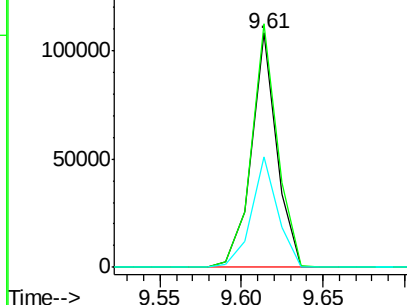
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 117034
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.8 125.8
 160 47.2 39.8 59.8

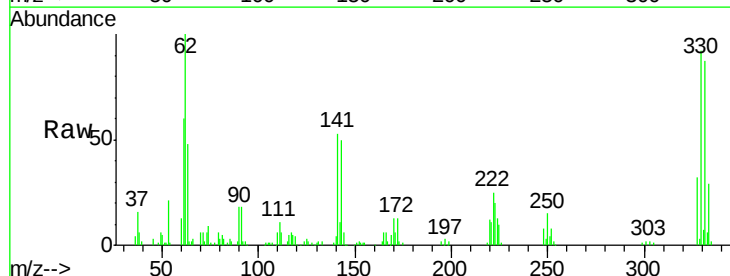


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

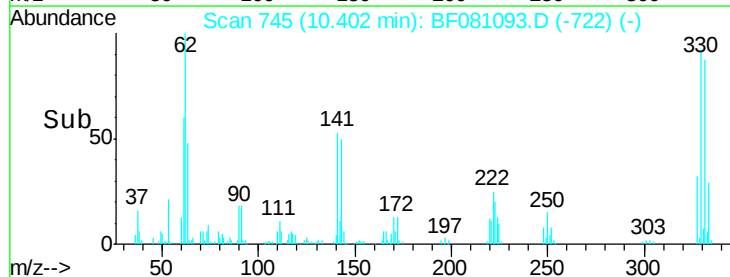
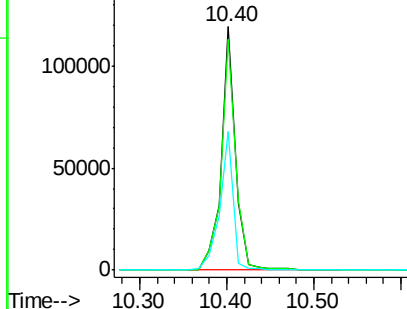


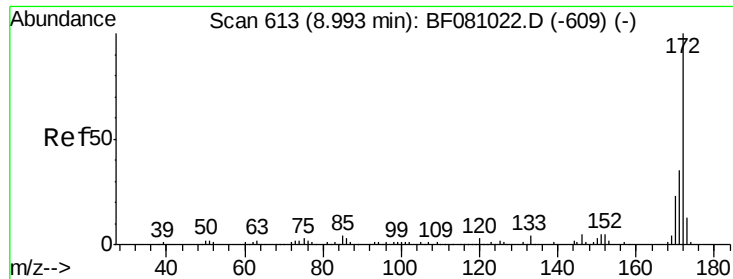
#41
 2,4,6-Tribromophenol
 Concen: 136.19 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

Tgt Ion:330 Resp: 138163
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 54.0 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

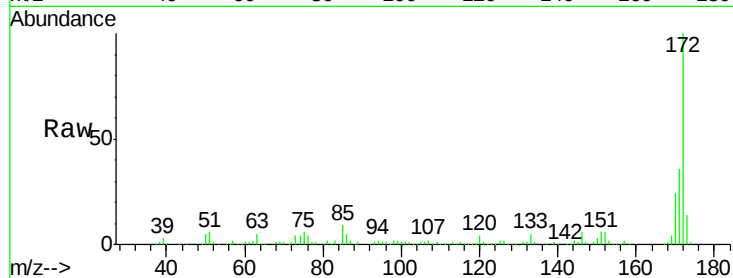




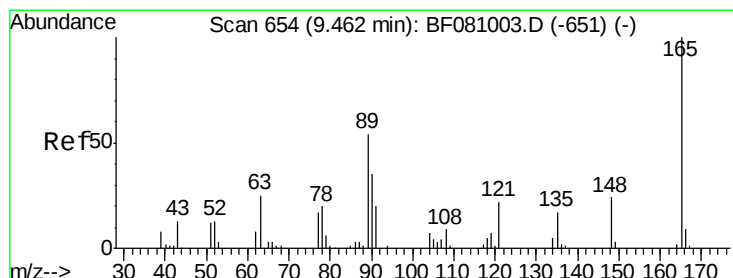
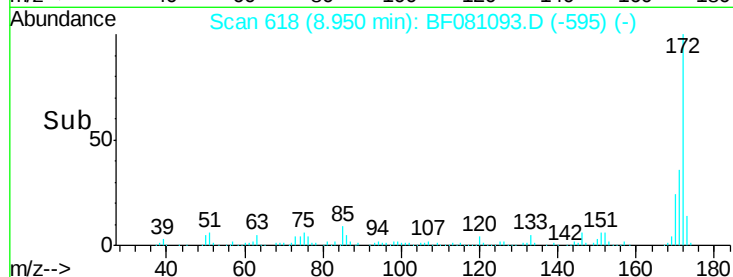
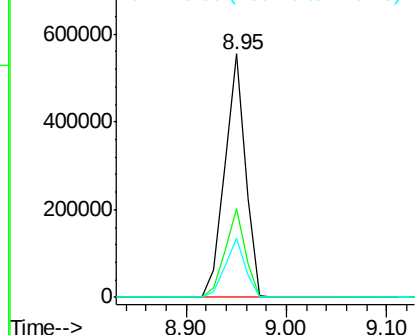
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.4	19.4	29.2

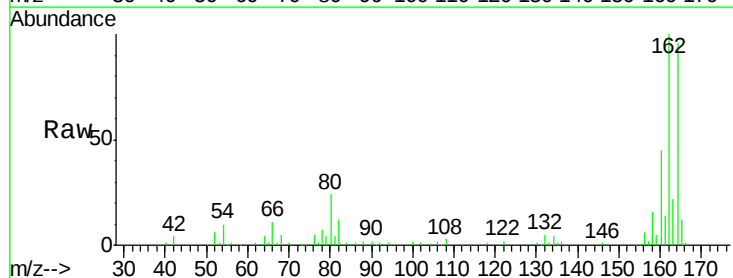


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

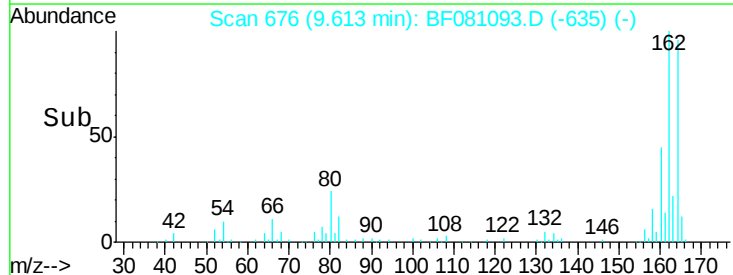
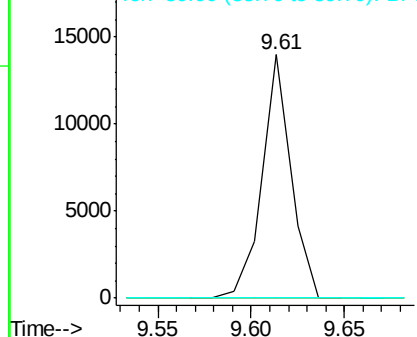


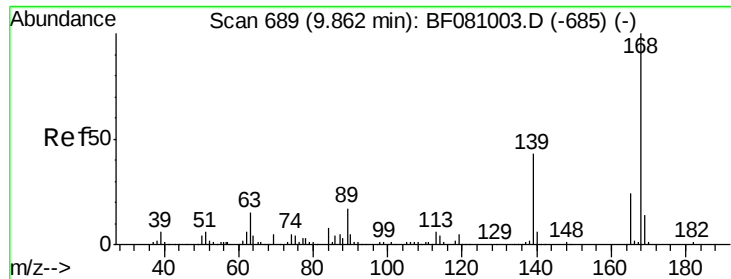
#50
 2,6-Dinitrotoluene
 Concen: 7.23 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

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

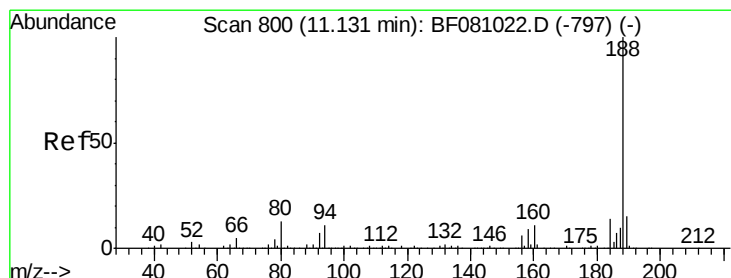
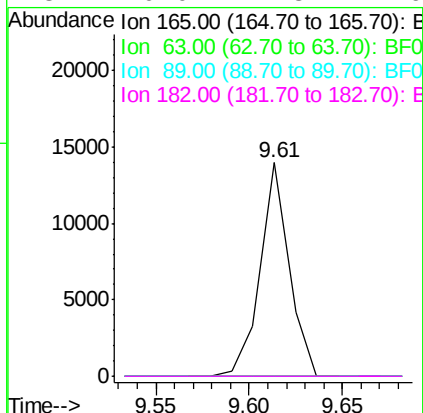
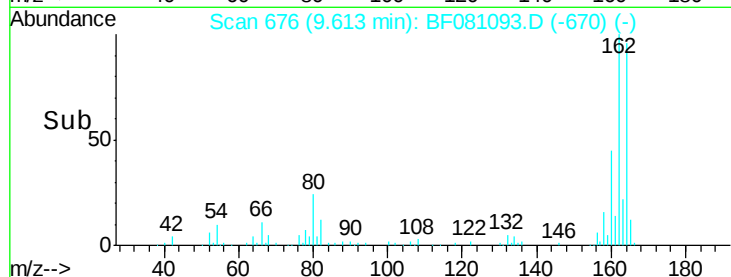
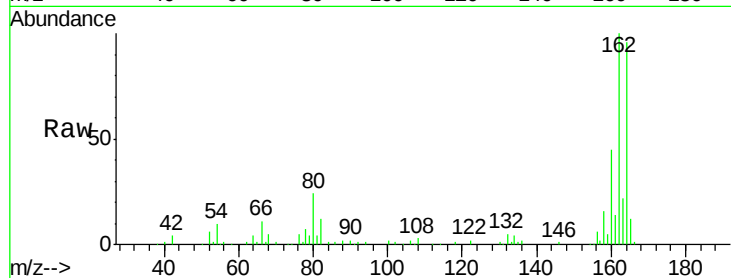




#56
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.24 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

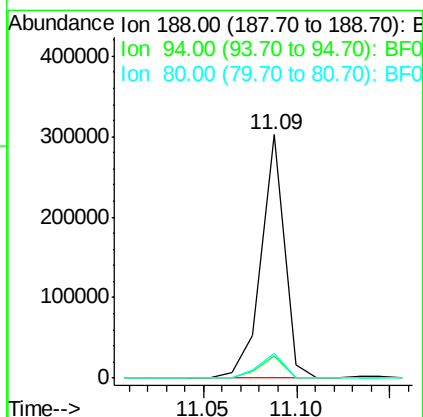
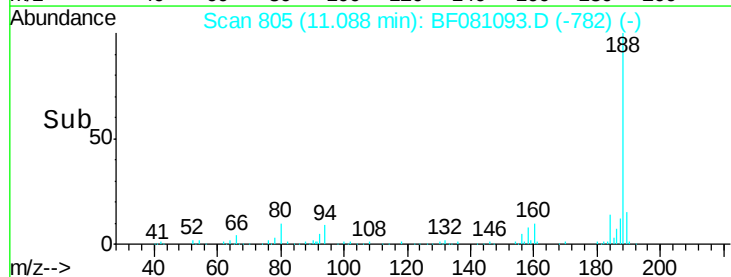
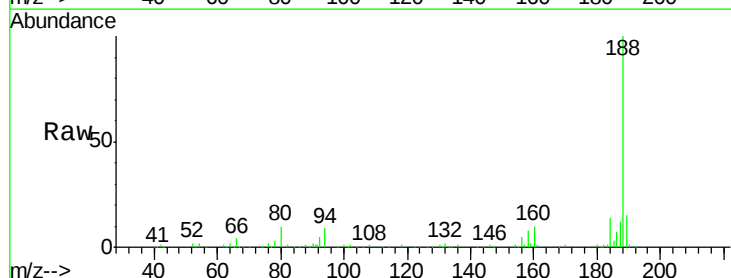
Instrument :
BNA_F
ClientSampleId :

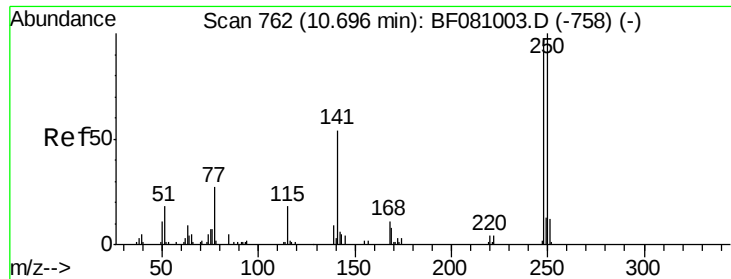
Tot Ion:165 Resp: 14955
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

Tgt Ion:188 Resp: 261246
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 10.1 9.5 14.3

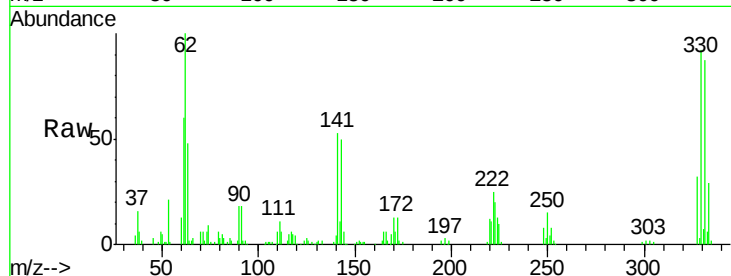




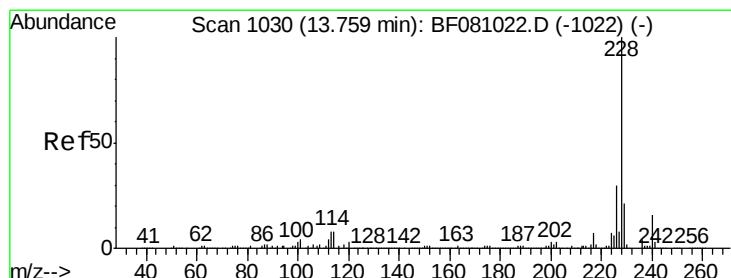
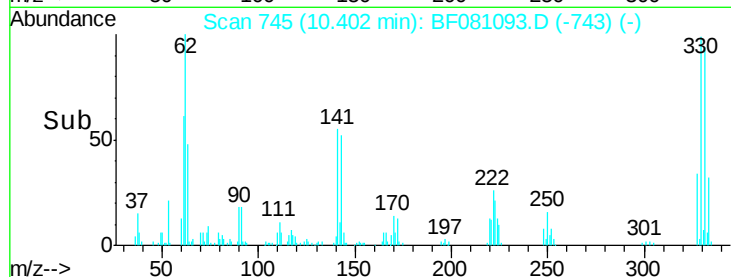
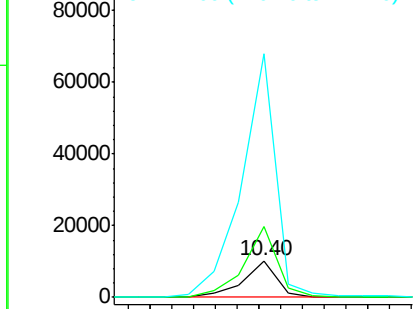
#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.28 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10964
Ion Ratio Lower Upper
248 100
250 193.5 77.8 116.6#
141 662.4 39.8 59.6#

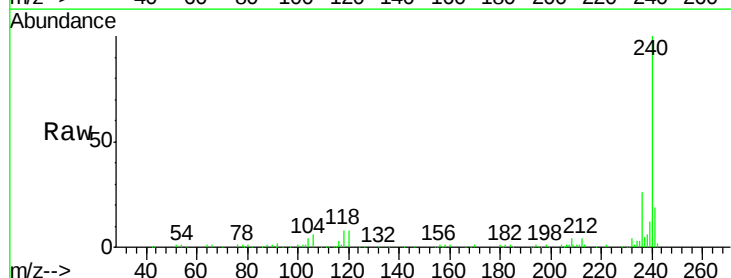


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

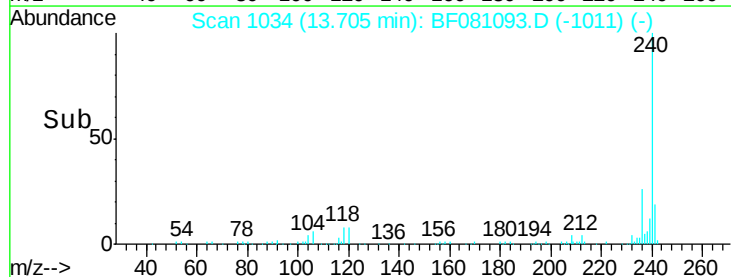
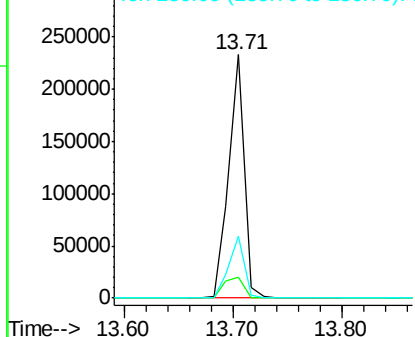


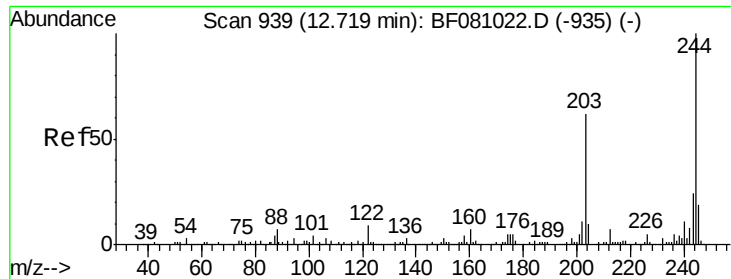
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081093.D
Acq: 19 Aug 2015 21:26

Tgt Ion:240 Resp: 230147
Ion Ratio Lower Upper
240 100
120 8.5 5.6 8.4#
236 25.6 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

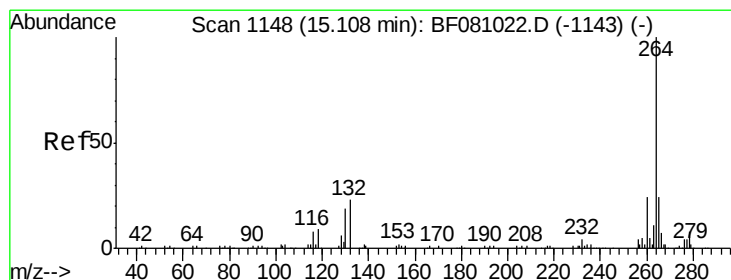
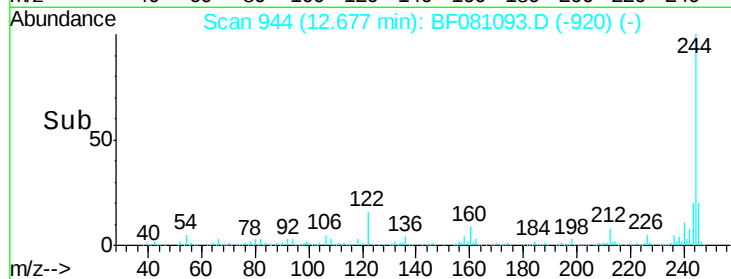
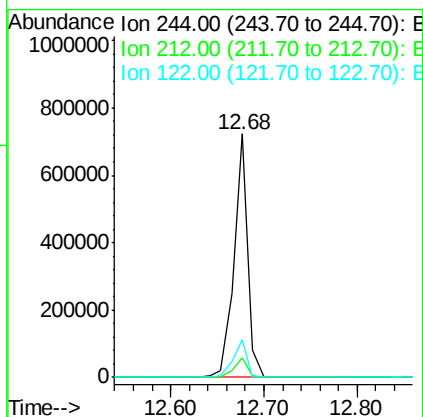
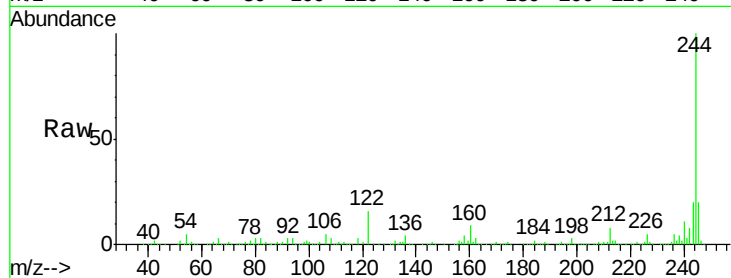




#78
 Terphenyl-d14
 Concen: 69.22 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081093.D
 Acq: 19 Aug 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 743054
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.5 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: BF081093.D
 Acq: 19 Aug 2015 21:26

Tgt Ion:264 Resp: 164005
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 20.5 17.5 26.3

