

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081323.D
 Acq On : 2 Sep 2015 1:15
 Operator : UM/IZ
 Sample : G3479-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 02:44:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

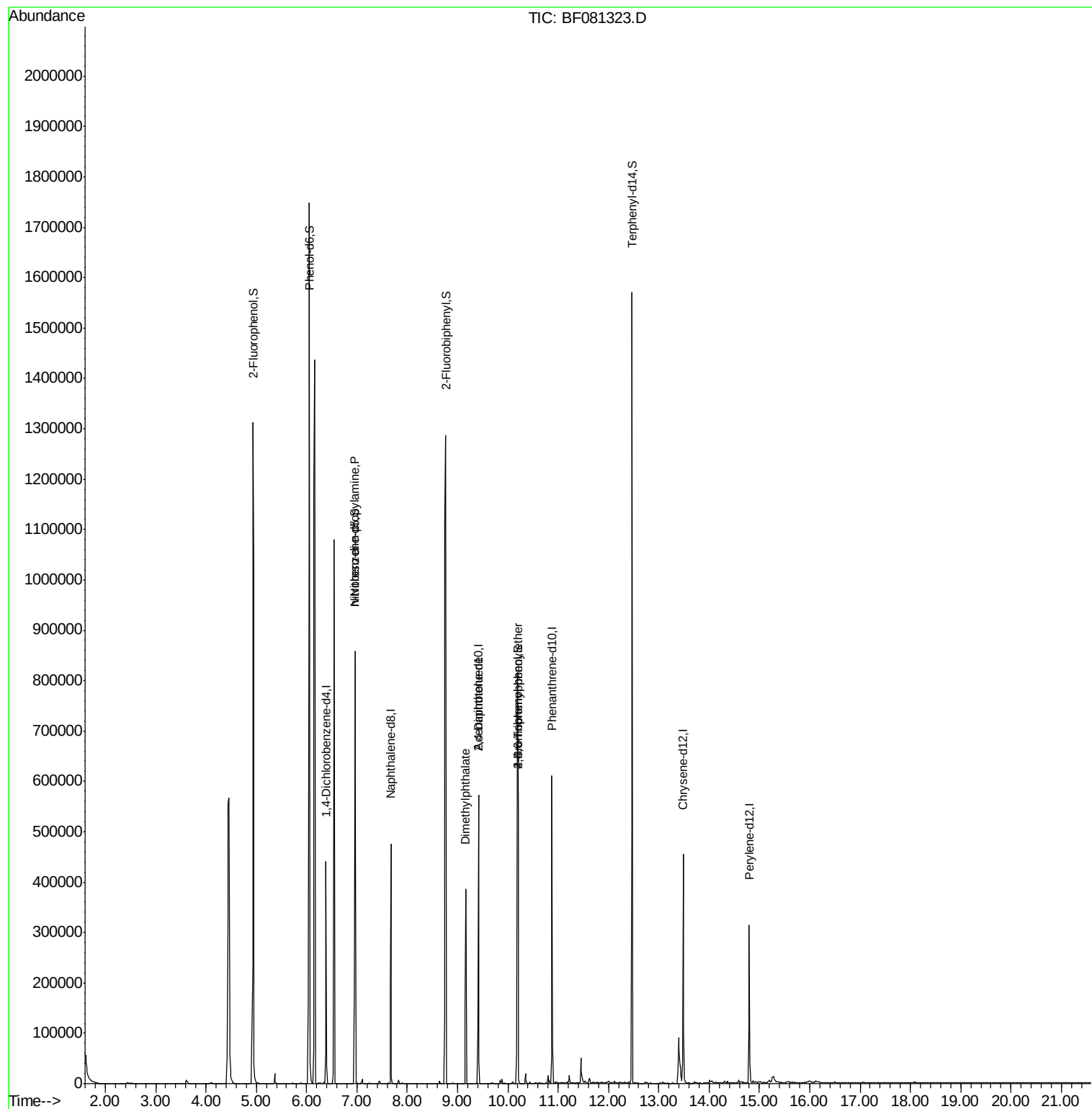
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60352	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	227171	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	109219	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	207709	20.00	ng	0.00
75) Chrysene-d12	13.49	240	156432	20.00	ng	-0.01
86) Perylene-d12	14.80	264	123551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	467018	120.06	ng	0.01
7) Phenol-d6	6.06	99	697481	135.46	ng	0.00
23) Nitrobenzene-d5	6.96	82	379922	80.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	111237	114.38	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	599065	70.29	ng	0.00
78) Terphenyl-d14	12.47	244	467915	69.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	50031	14.28	ng	# 64
49) Dimethylphthalate	9.16	163	161068	18.98	ng	# 96
56) 2,4-Dinitrotoluene	9.42	165	13659	5.57	ng	# 33
66) 4-Bromophenyl-phenylether	10.20	248	7180	3.42	ng	# 1

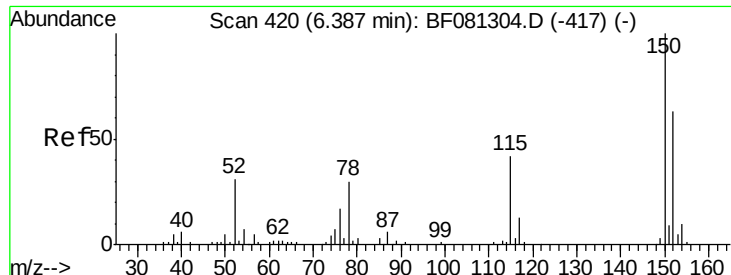
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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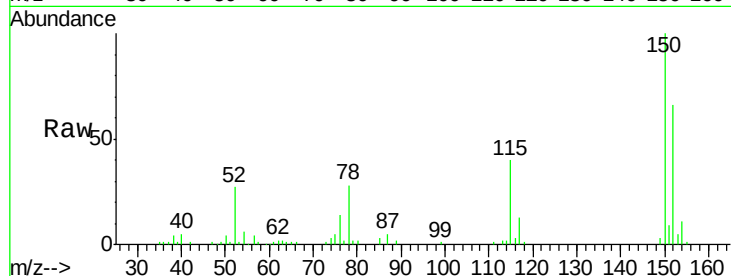


#1

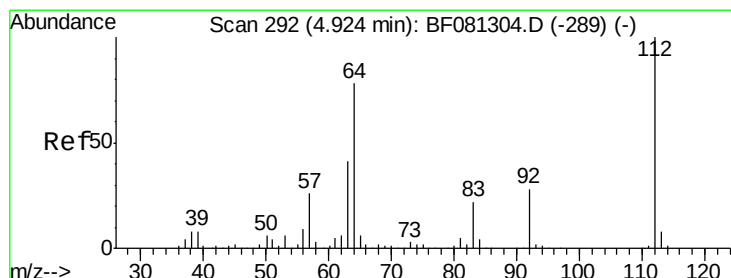
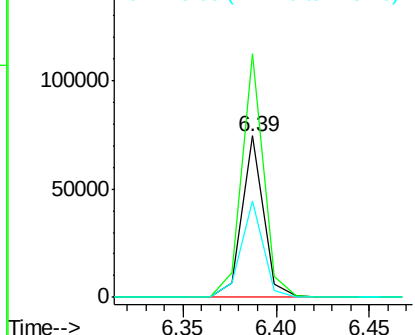
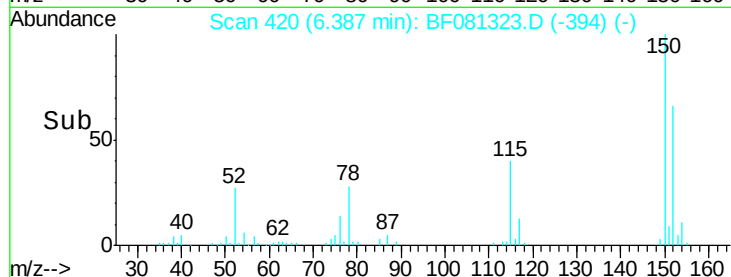
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081323.D
Acq: 2 Sep 2015 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60352
Ion Ratio Lower Upper
152 100
150 150.9 124.7 187.1
115 60.1 39.0 58.4#



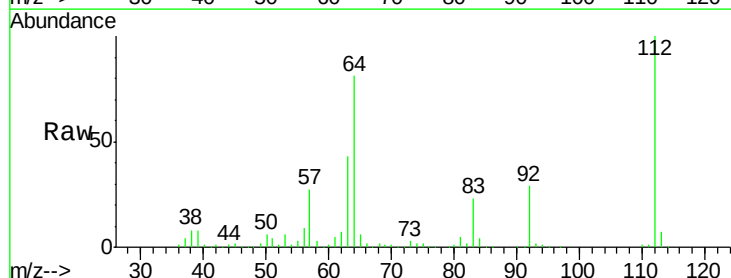
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



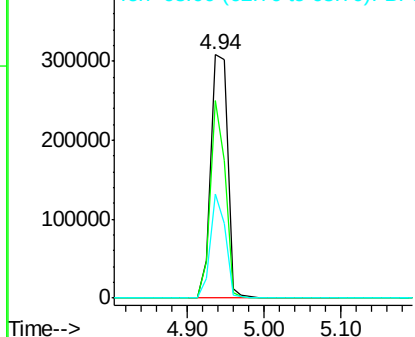
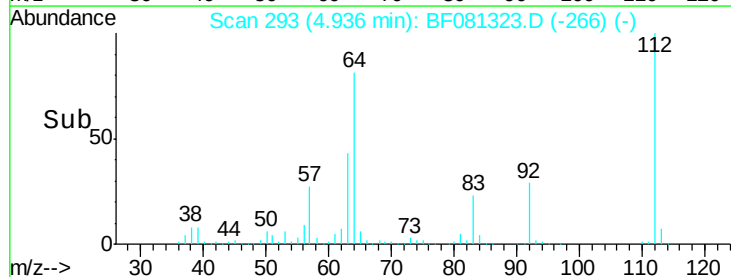
#5

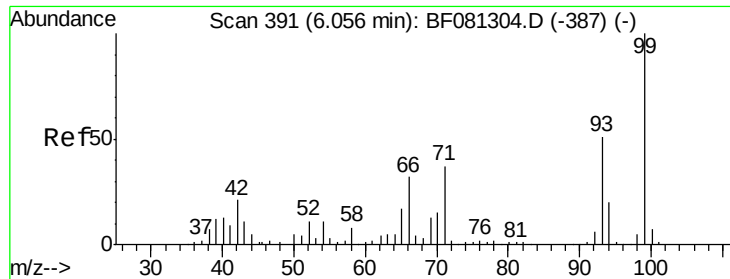
2-Fluorophenol
Concen: 120.06 ng
RT: 4.94 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF081323.D
Acq: 2 Sep 2015 1:15

Tgt Ion:112 Resp: 467018
Ion Ratio Lower Upper
112 100
64 81.0 39.7 59.5#
63 43.0 17.4 26.0#



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: 135.46 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081323.D

Acq: 2 Sep 2015 1:15

Instrument :
BNA_F
ClientSampleId :

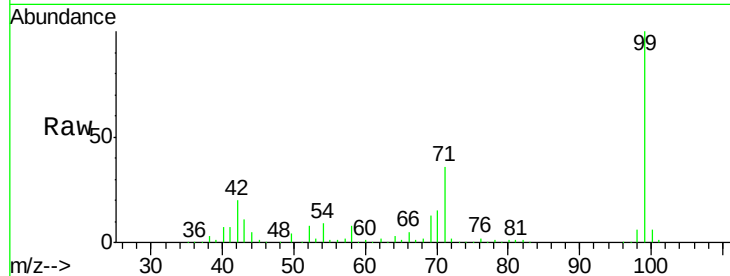
Tot Ion: 99 Resp: 697481

Ion Ratio Lower Upper

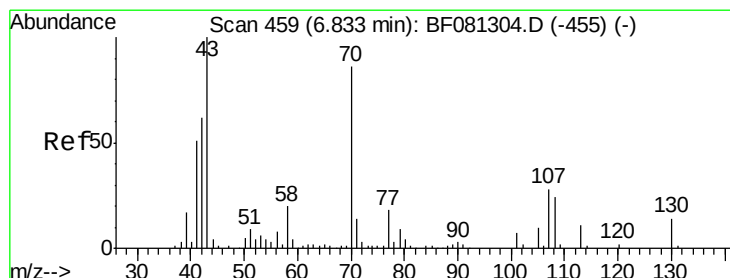
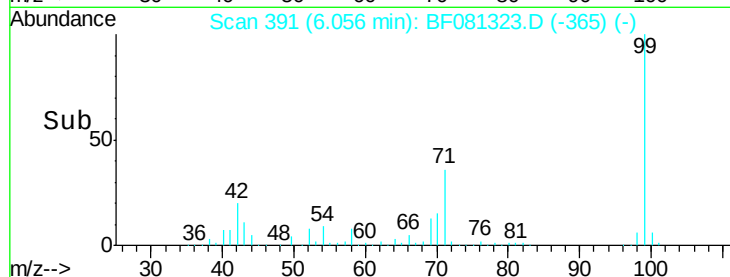
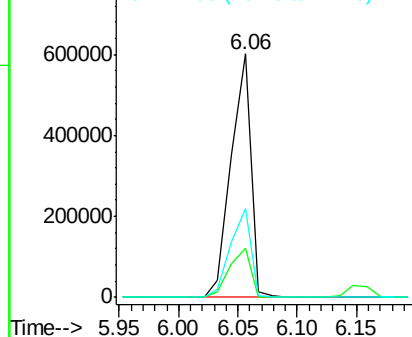
99 100

42 20.1 13.7 20.5

71 36.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.28 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081323.D

Acq: 2 Sep 2015 1:15

Tgt Ion: 70 Resp: 50031

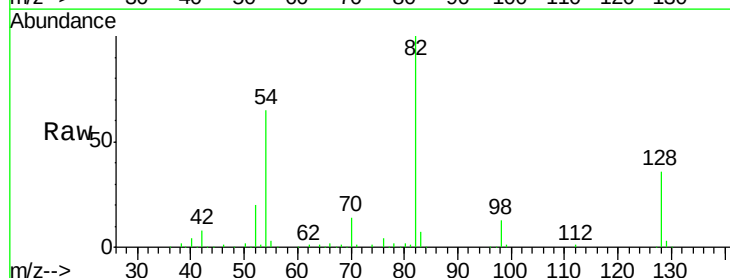
Ion Ratio Lower Upper

70 100

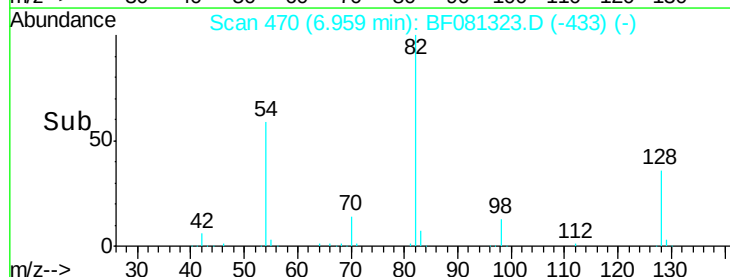
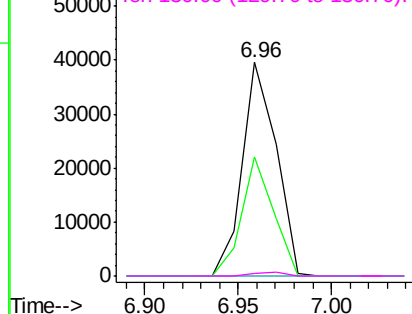
42 55.6 63.8 95.6#

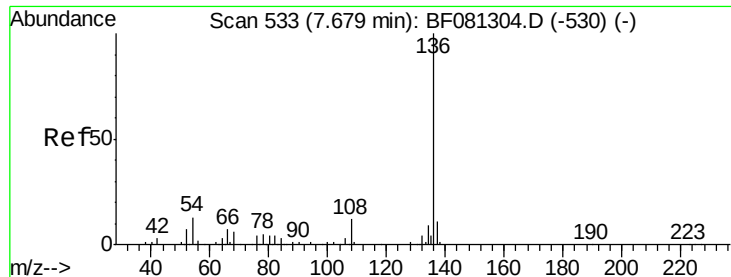
101 0.0 9.2 13.8#

130 1.5 27.3 40.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081323.D

Acq: 2 Sep 2015 1:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 227171

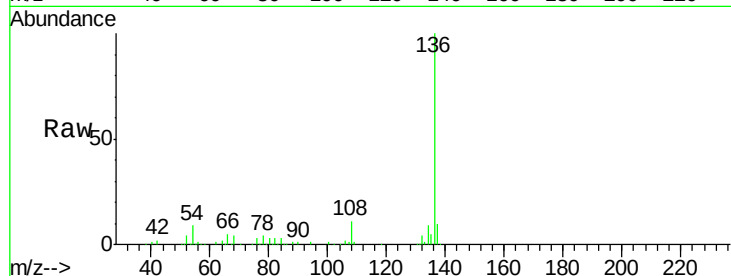
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 9.1 8.2 12.2

68 4.4 5.8 8.6#

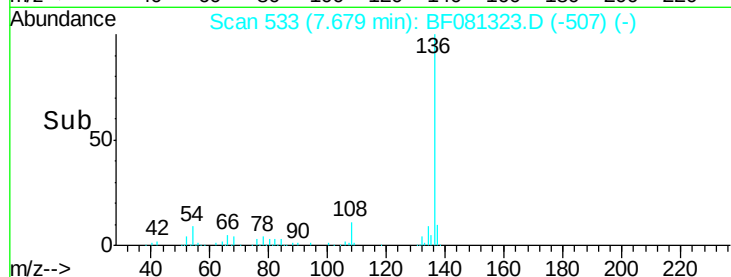


Abundance Ion 136.00 (135.70 to 136.70): E

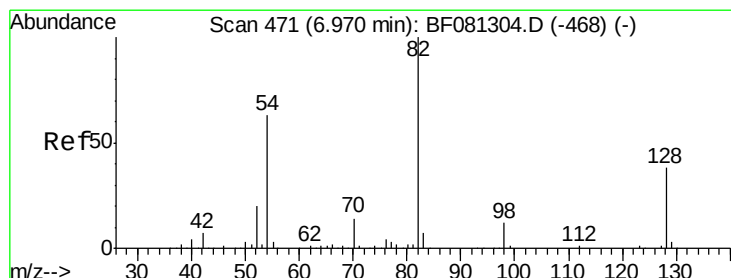
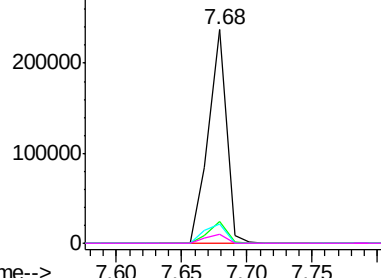
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 80.69 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081323.D

Acq: 2 Sep 2015 1:15

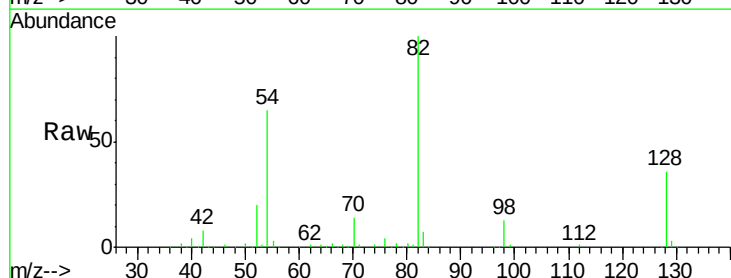
Tgt Ion: 82 Resp: 379922

Ion Ratio Lower Upper

82 100

128 36.3 51.0 76.6#

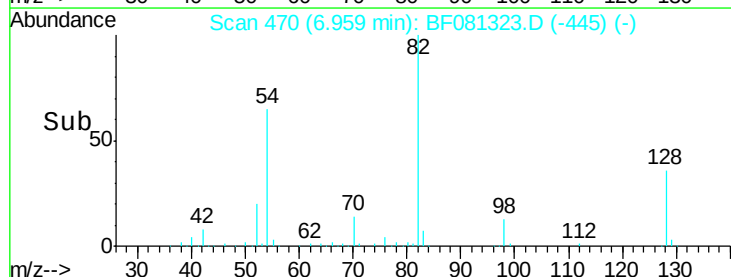
54 65.1 47.5 71.3



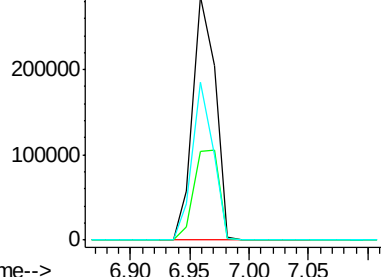
Abundance Ion 82.00 (81.70 to 82.70): BF0

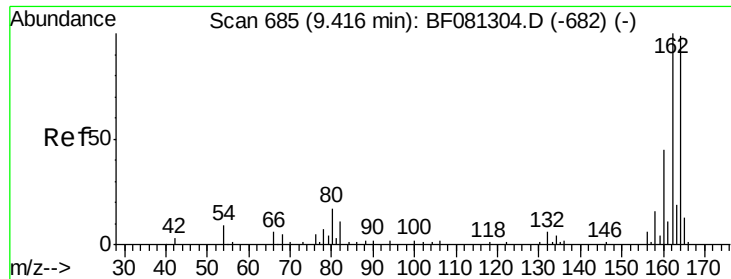
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

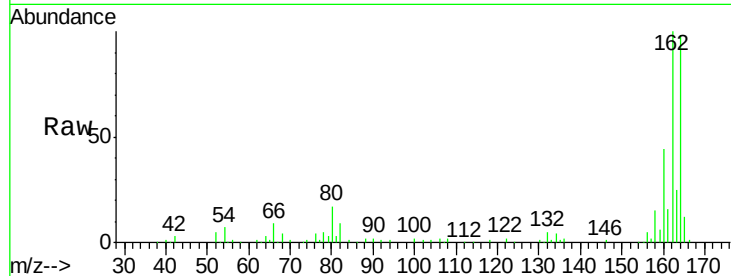




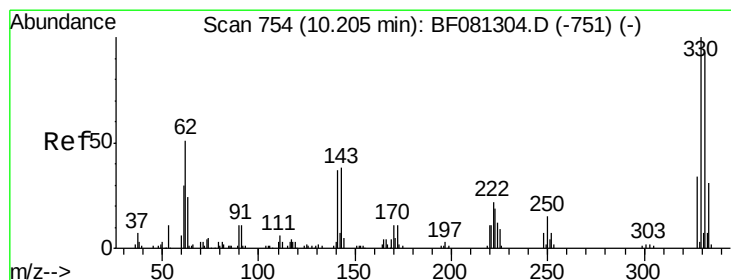
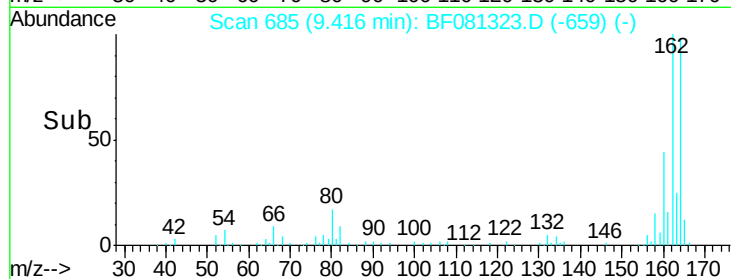
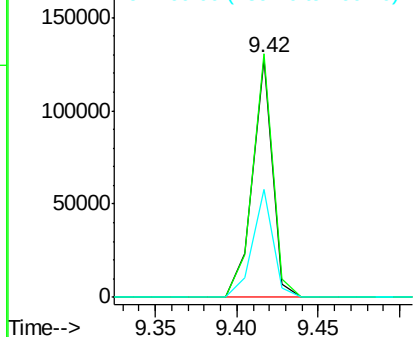
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081323.D
Acq: 2 Sep 2015 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 109219
Ion Ratio Lower Upper
164 100
162 101.9 75.2 112.8
160 45.3 31.5 47.3

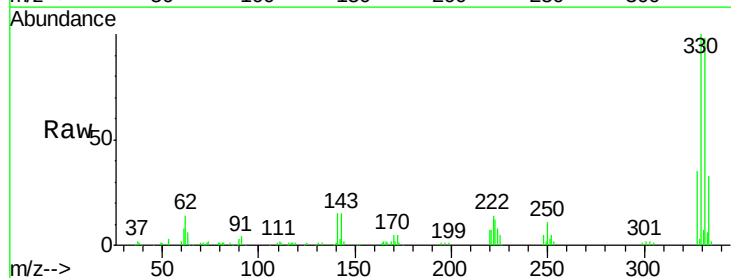


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

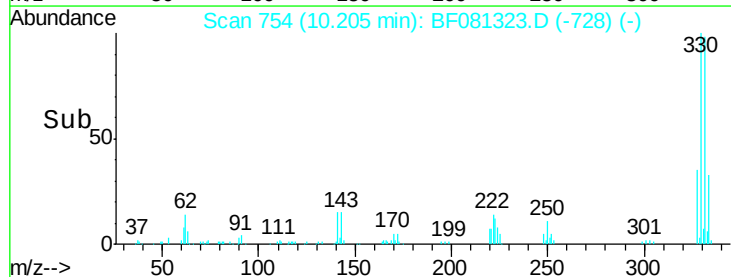
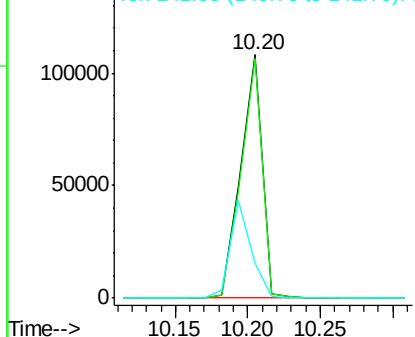


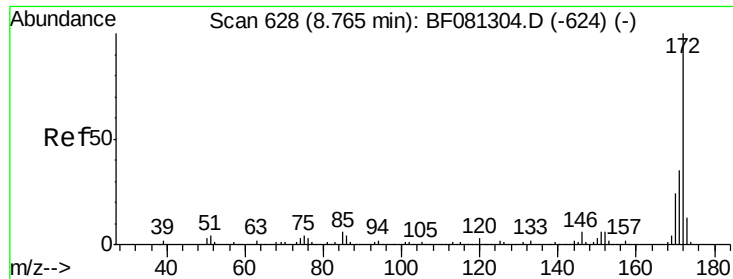
#41
2,4,6-Tribromophenol
Concen: 114.38 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081323.D
Acq: 2 Sep 2015 1:15

Tgt Ion:330 Resp: 111237
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 39.3 29.7 44.5



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

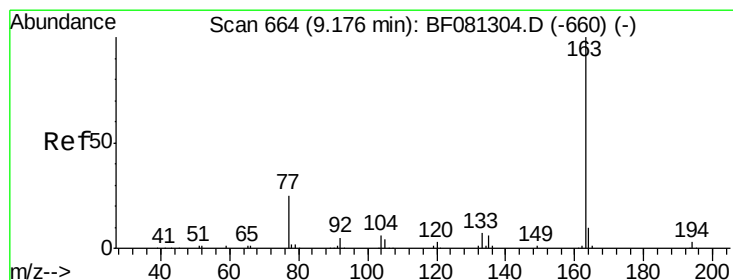
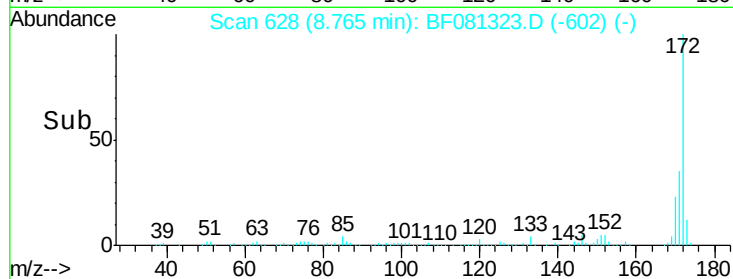
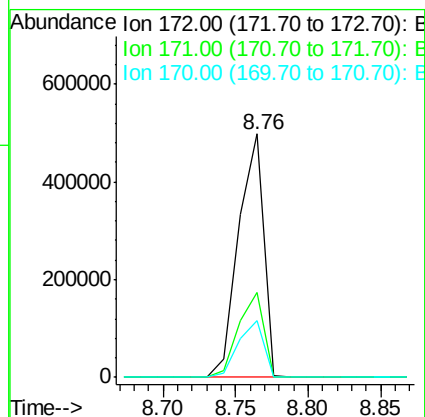
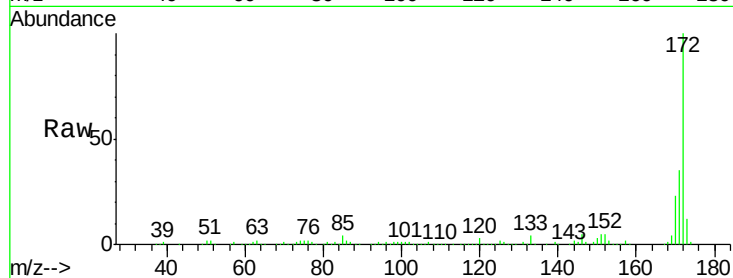




#44
2-Fluorobiphenyl
Concen: 70.29 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081323.D
Acq: 2 Sep 2015 1:15

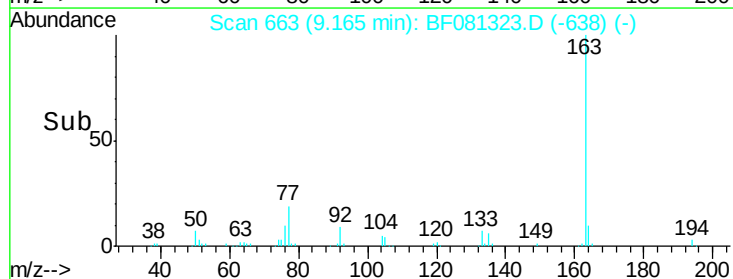
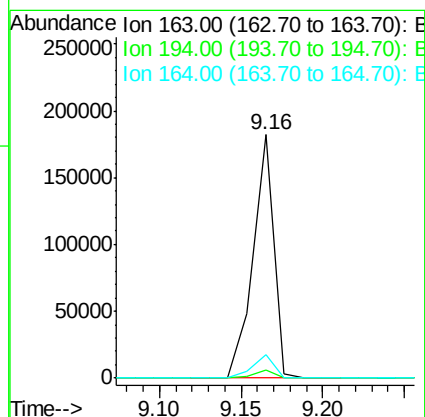
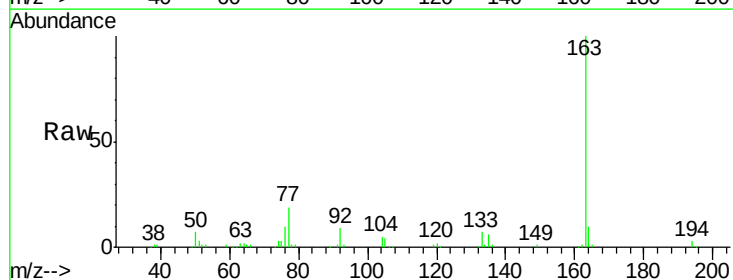
Instrument :
BNA_F
ClientSampleId :

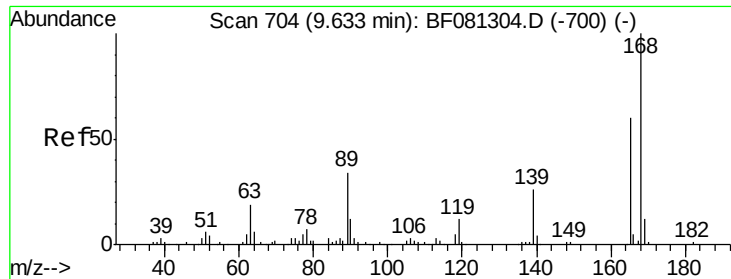
Tot Ion:172 Resp: 599065
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 23.3 17.4 26.2



#49
Dimethylphthalate
Concen: 18.98 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081323.D
Acq: 2 Sep 2015 1:15

Tgt Ion:163 Resp: 161068
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.6 8.3 12.5

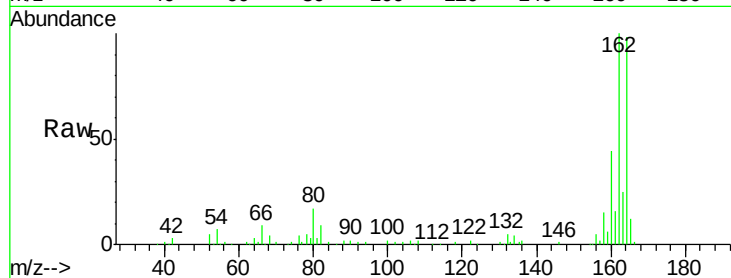




#56
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081323.D
 Acq: 2 Sep 2015 1:15

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	165	Resp:	13659
Ion	Ratio	Lower	Upper
165	100		
63	2.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

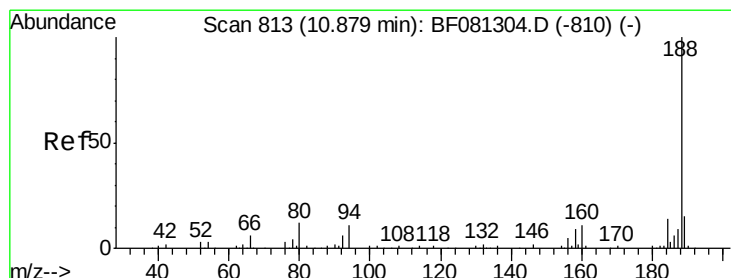
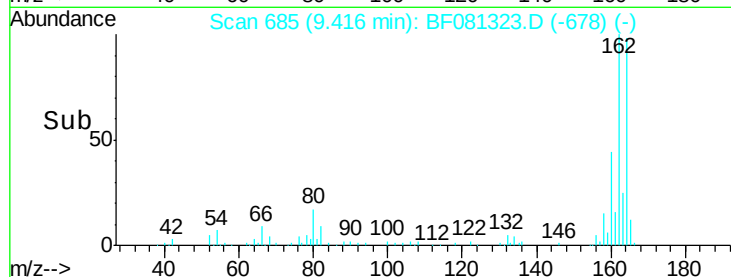
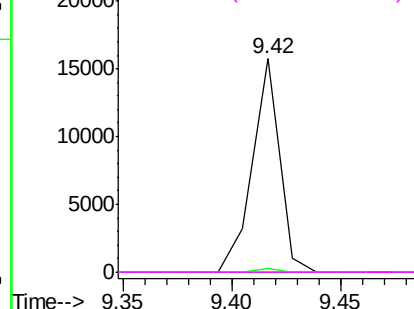


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

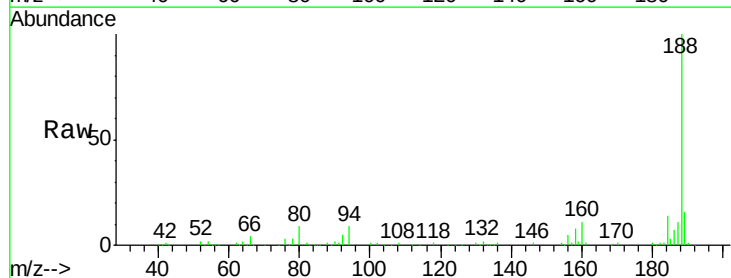
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081323.D
 Acq: 2 Sep 2015 1:15

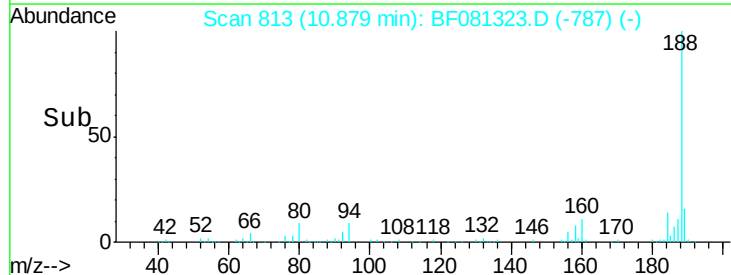
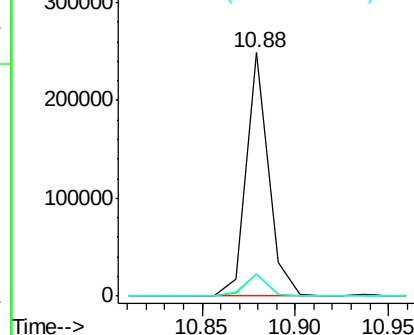
Tgt Ion:	188	Resp:	207709
Ion	Ratio	Lower	Upper
188	100		
94	9.0	11.1	16.7#
80	9.4	11.0	16.4#

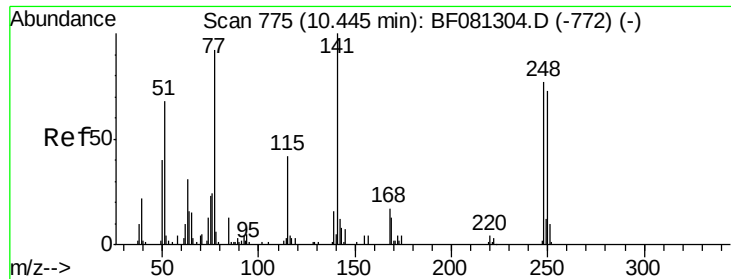


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

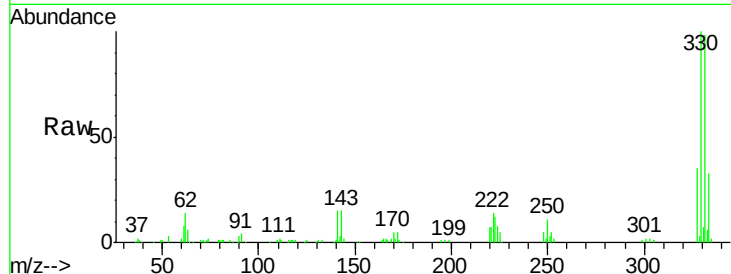




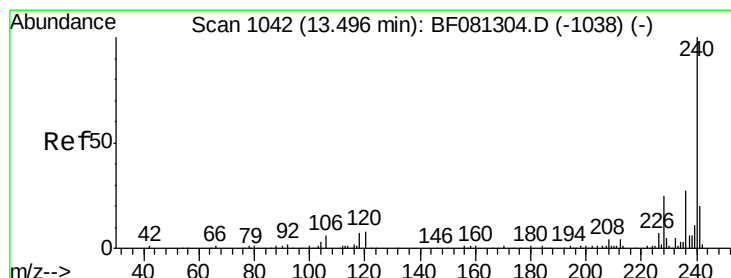
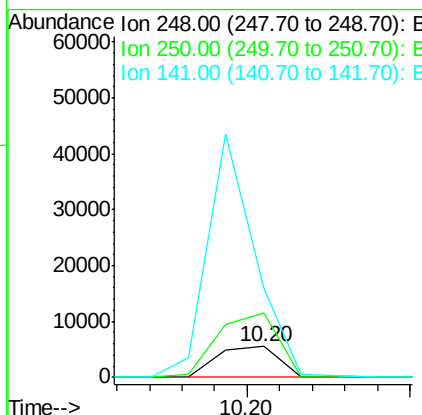
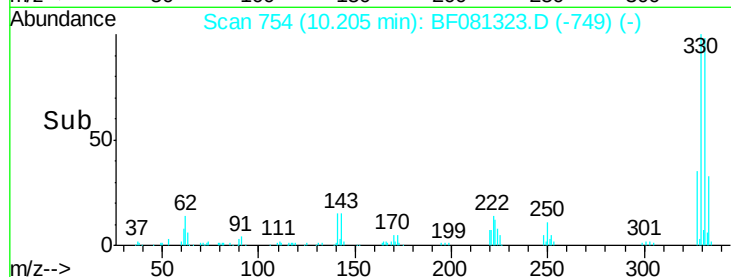
#66
 4-Bromophenyl-phenylether
 Concen: 3.42 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF081323.D
 Acq: 2 Sep 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7180
 Ion Ratio Lower Upper
 248 100
 250 208.2 78.5 117.7#
 141 286.0 59.0 88.6#

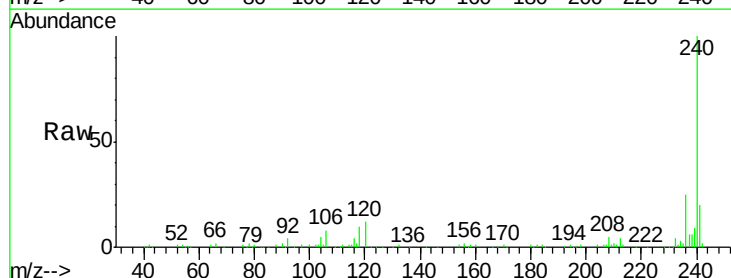


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

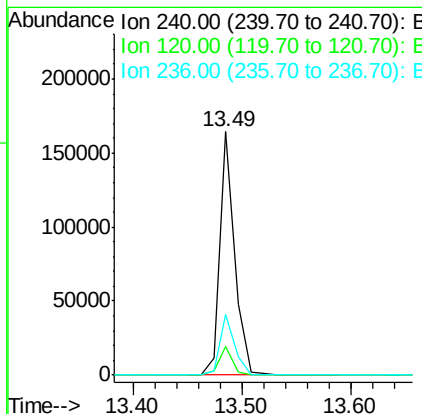
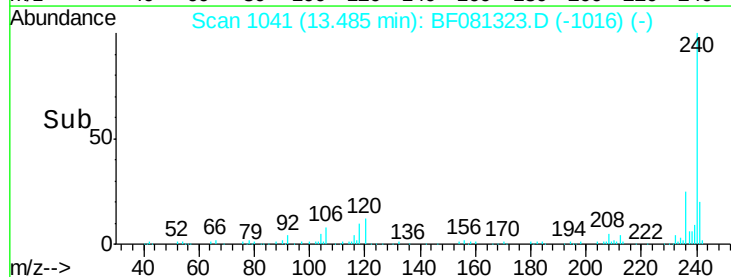


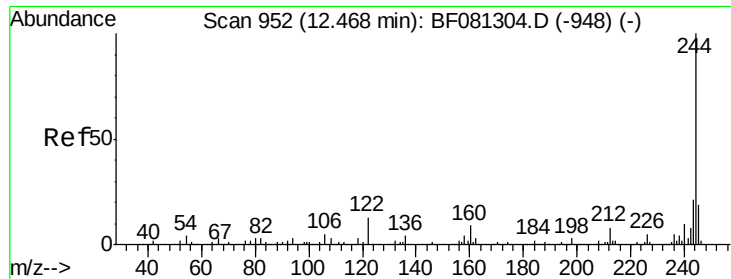
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF081323.D
 Acq: 2 Sep 2015 1:15

Tgt Ion:240 Resp: 156432
 Ion Ratio Lower Upper
 240 100
 120 11.5 16.2 24.2#
 236 25.1 18.4 27.6



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

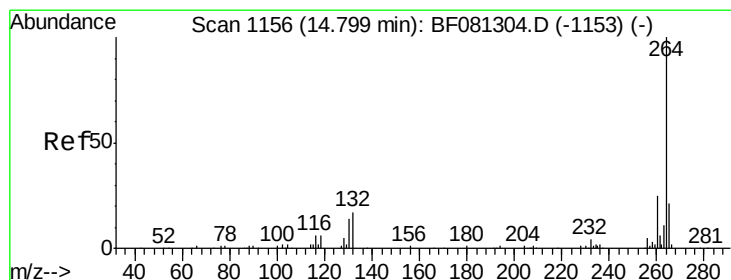
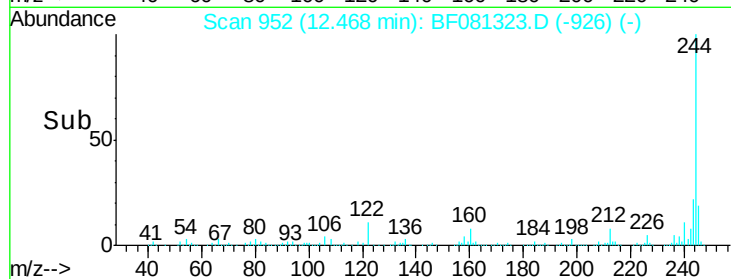
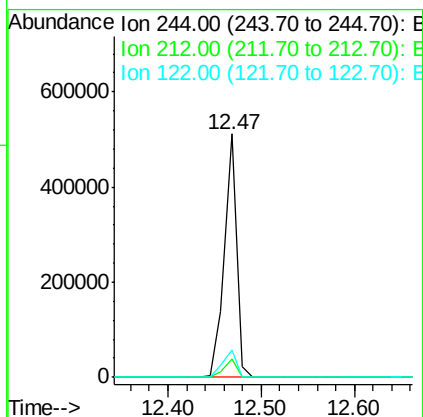
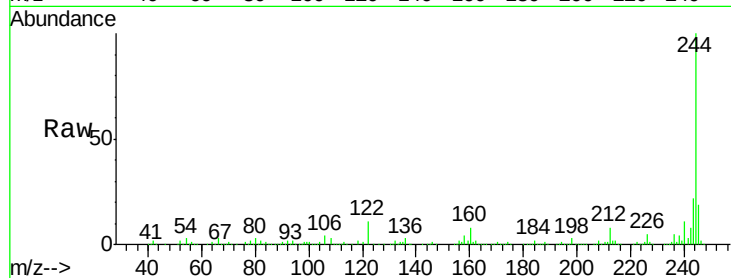




#78
 Terphenyl-d14
 Concen: 69.63 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081323.D
 Acq: 2 Sep 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 467915
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 11.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081323.D
 Acq: 2 Sep 2015 1:15

Tgt Ion:264 Resp: 123551
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.4 17.2 25.8

