

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081430.D
 Acq On : 4 Sep 2015 20:54
 Operator : UM/IZ
 Sample : PB85375TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:08:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

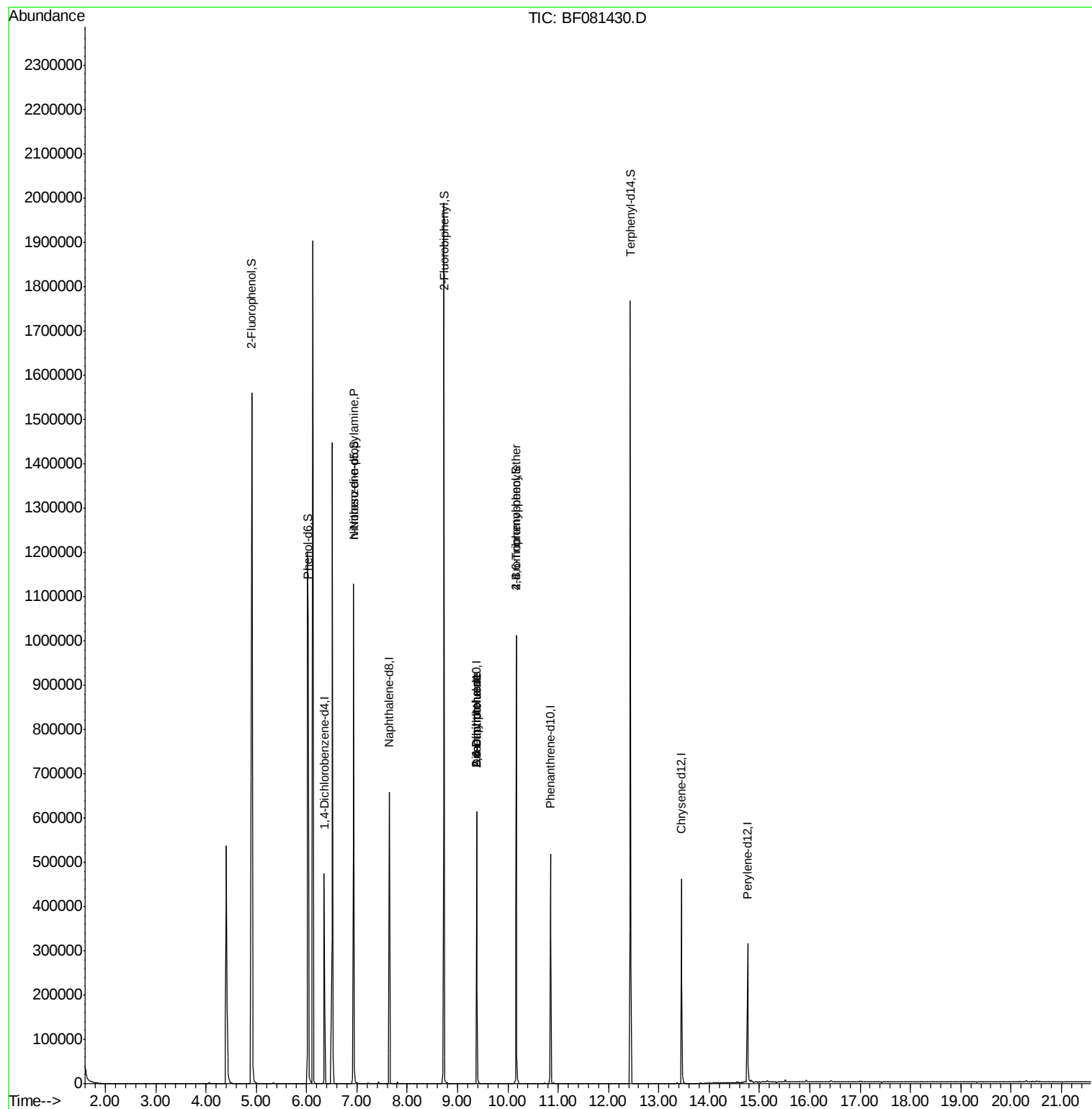
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	68066	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	264066	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	124679	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	248730	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	186257	20.00	ng	-0.01
86) Perylene-d12	14.77	264	134115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	436412	99.48	ng	0.01
7) Phenol-d6	6.03	99	570641	98.27	ng	0.00
23) Nitrobenzene-d5	6.94	82	393484	71.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	95845	86.34	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	607994	62.49	ng	-0.01
78) Terphenyl-d14	12.43	244	522884	65.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	52384	13.25	ng	# 62
49) Dimethylphthalate	9.38	163	36189	3.74	ng	# 1
50) 2,6-Dinitrotoluene	9.38	165	15825	7.20	ng	# 37
56) 2,4-Dinitrotoluene	9.38	165	15825	5.65	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	7634	3.04	ng	# 1

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

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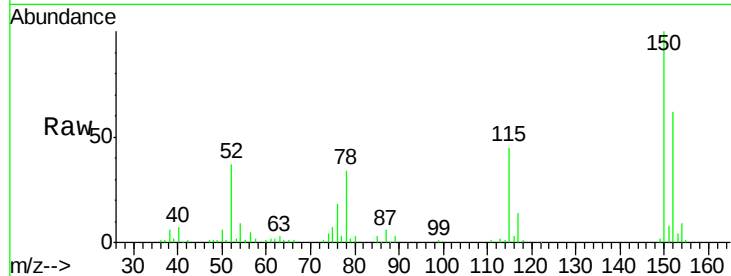


#1

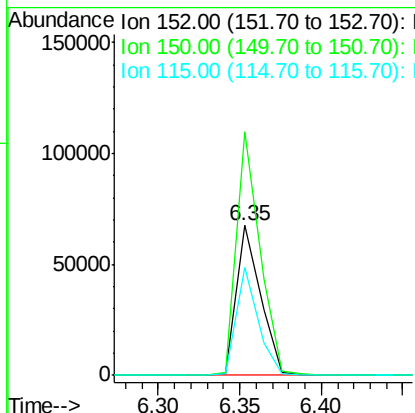
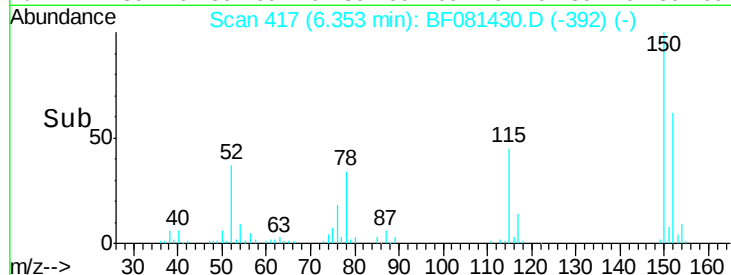
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081430.D
Acq: 4 Sep 2015 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 68066
Ion Ratio Lower Upper
152 100
150 162.3 124.7 187.1
115 72.2 39.0 58.4#



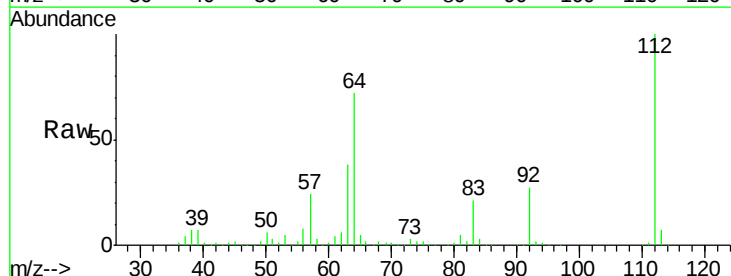
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



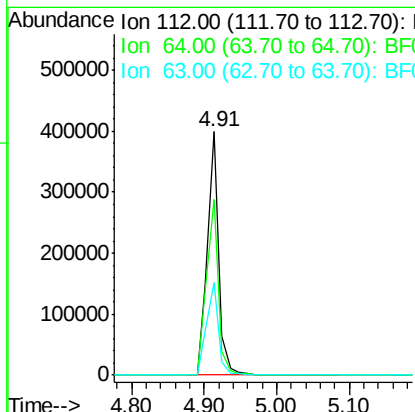
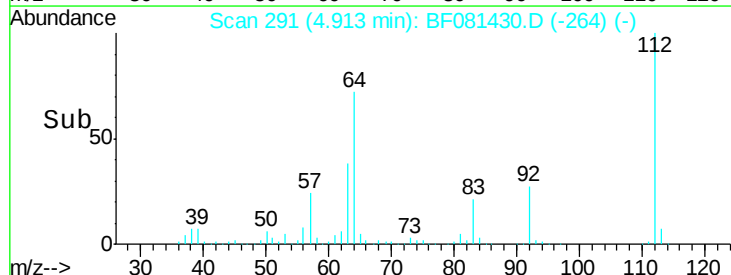
#5

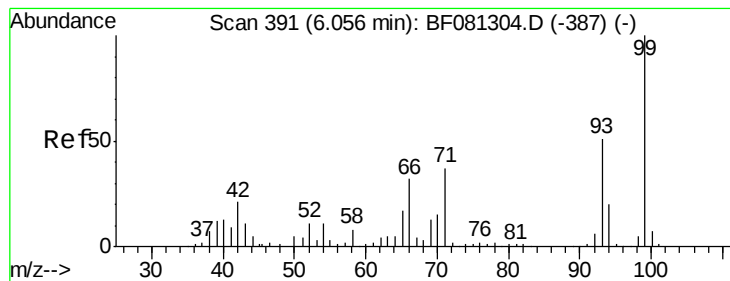
2-Fluorophenol
Concen: 99.48 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF081430.D
Acq: 4 Sep 2015 20:54

Tgt Ion:112 Resp: 436412
Ion Ratio Lower Upper
112 100
64 72.5 39.7 59.5#
63 38.3 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: 98.27 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081430.D

Acq: 4 Sep 2015 20:54

Instrument :

BNA_F

ClientSampled :

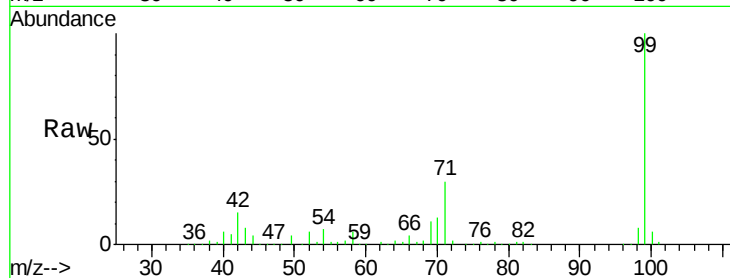
Tot Ion: 99 Resp: 570641

Ion Ratio Lower Upper

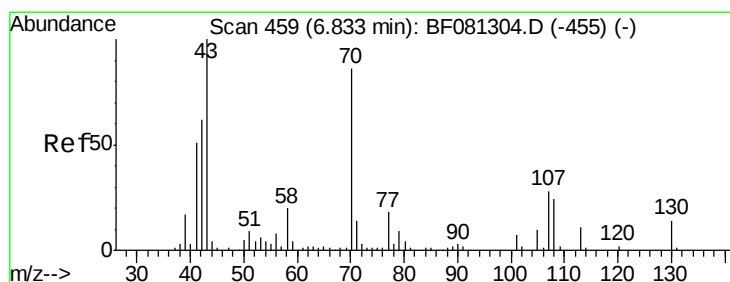
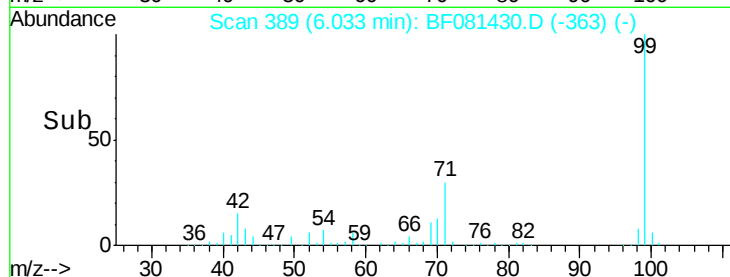
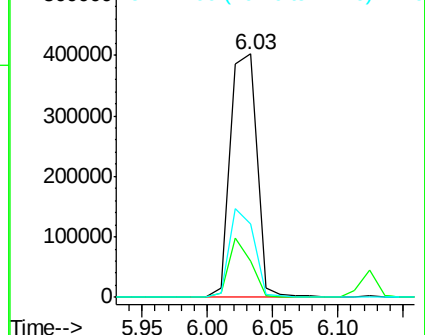
99 100

42 15.0 13.7 20.5

71 29.9 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: 13.25 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081430.D

Acq: 4 Sep 2015 20:54

Tgt Ion: 70 Resp: 52384

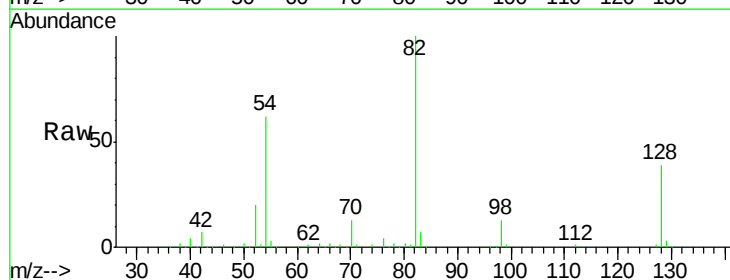
Ion Ratio Lower Upper

70 100

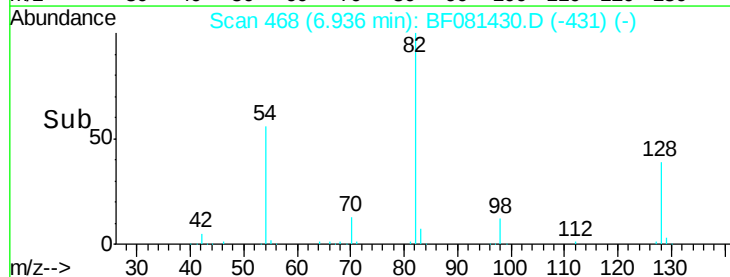
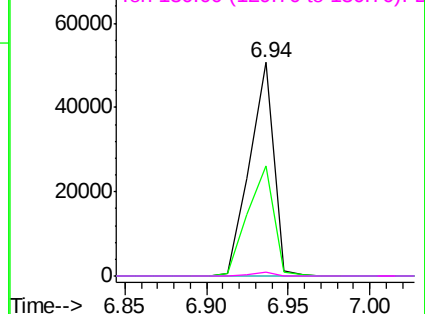
42 51.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081430.D

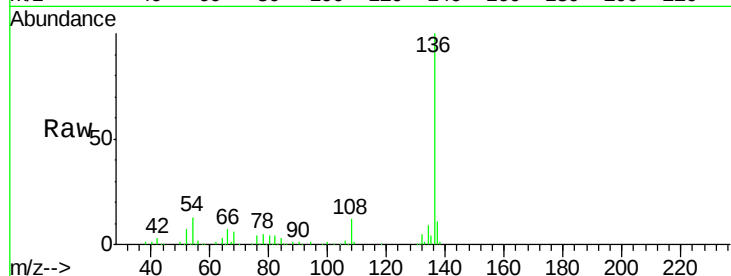
Acq: 4 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	264066
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	13.3	8.2 12.2#
68	6.0	5.8 8.6

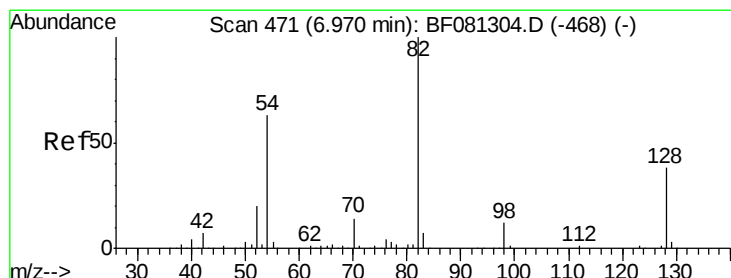
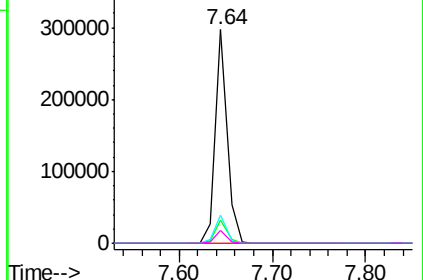
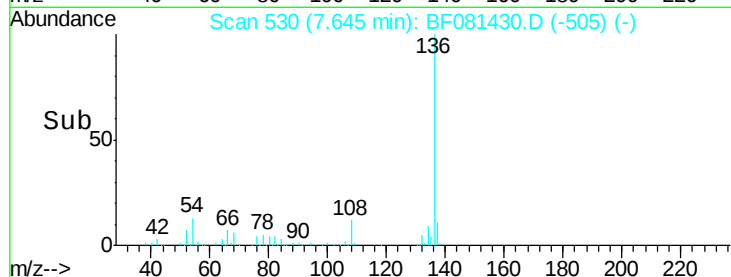


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 71.89 ng

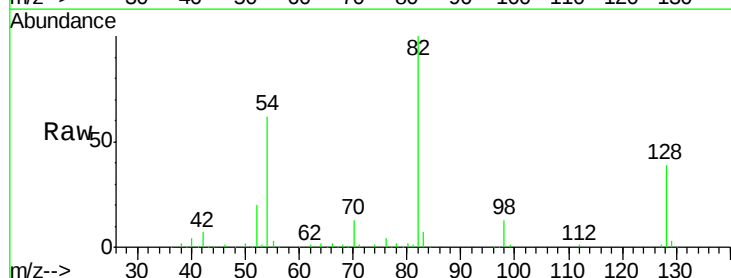
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081430.D

Acq: 4 Sep 2015 20:54

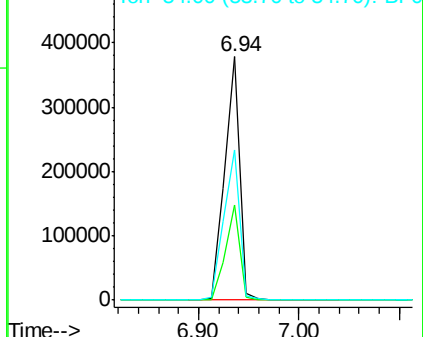
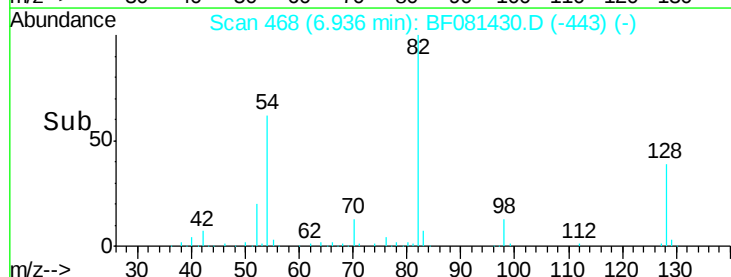
Tgt Ion: 82	Resp:	393484
Ion Ratio	Lower	Upper
82	100	
128	39.1	51.0 76.6#
54	61.9	47.5 71.3

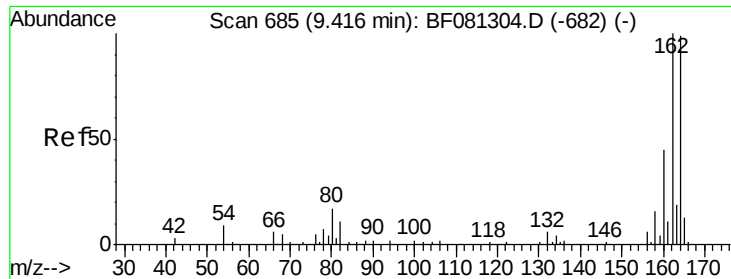


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

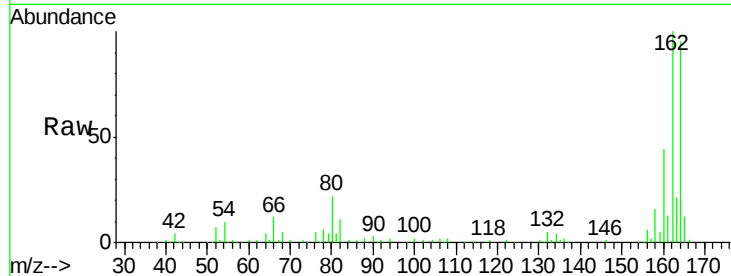




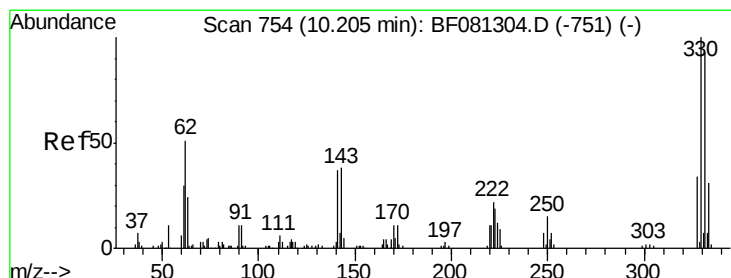
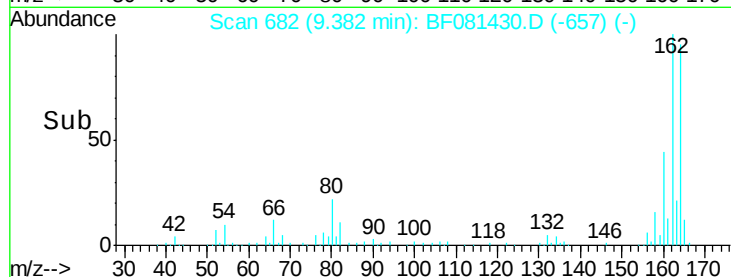
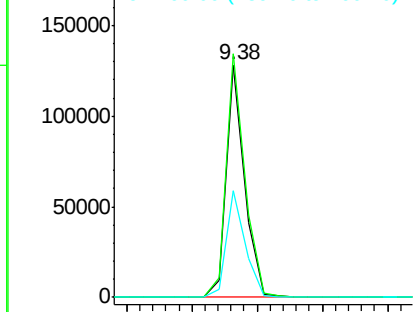
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081430.D
 Acq: 4 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 124679
 Ion Ratio Lower Upper
 164 100
 162 104.8 75.2 112.8
 160 45.7 31.5 47.3

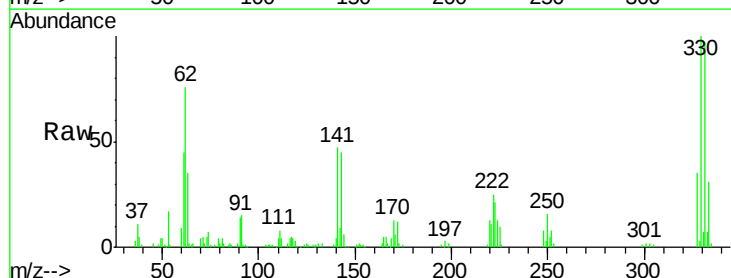


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

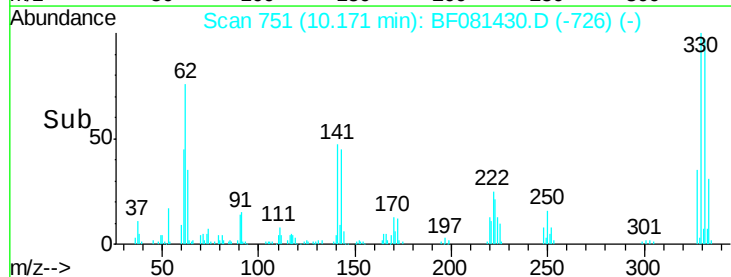
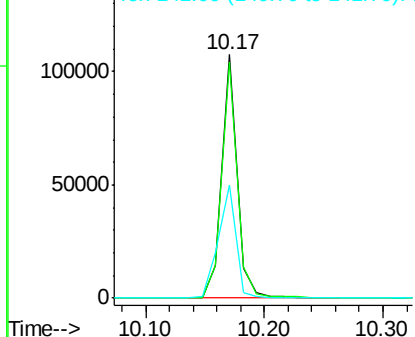


#41
 2,4,6-Tribromophenol
 Concen: 86.34 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081430.D
 Acq: 4 Sep 2015 20:54

Tgt Ion:330 Resp: 95845
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 52.9 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

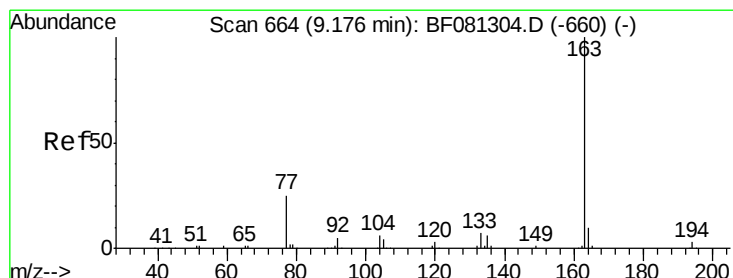
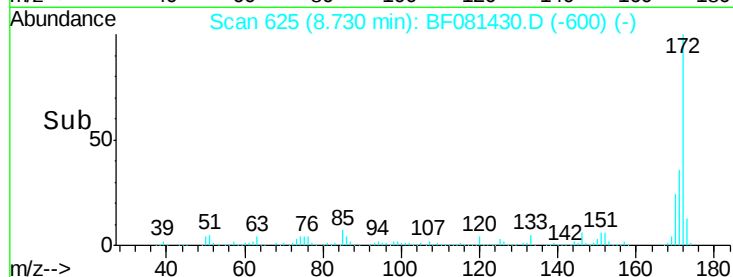
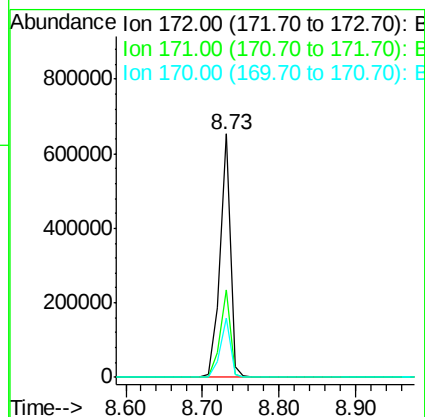
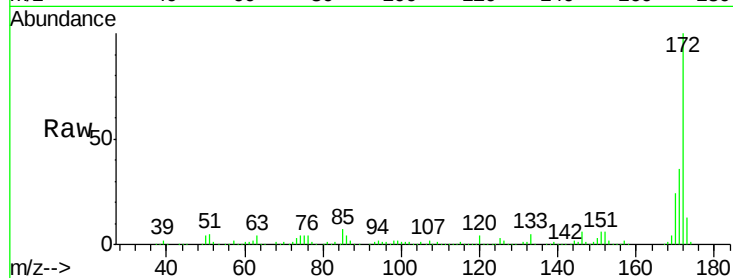




#44
2-Fluorobiphenyl
Concen: 62.49 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF081430.D
Acq: 4 Sep 2015 20:54

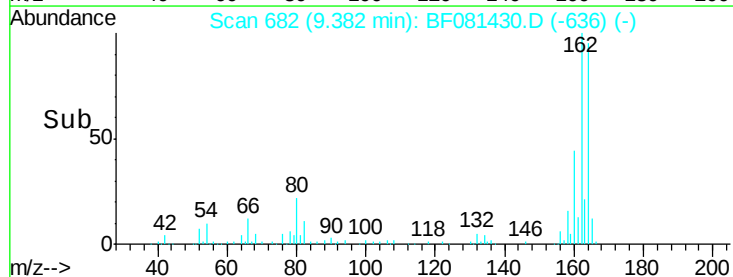
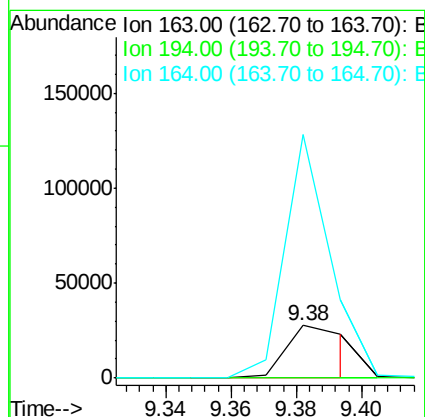
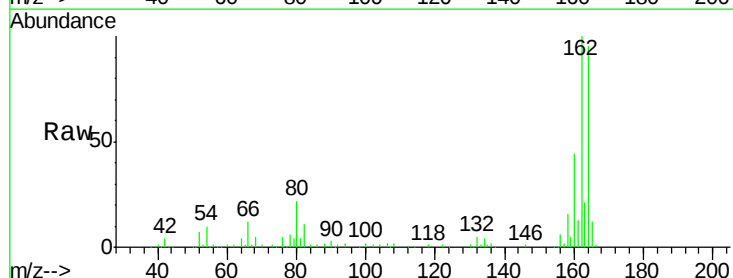
Instrument :
BNA_F
ClientSampled :

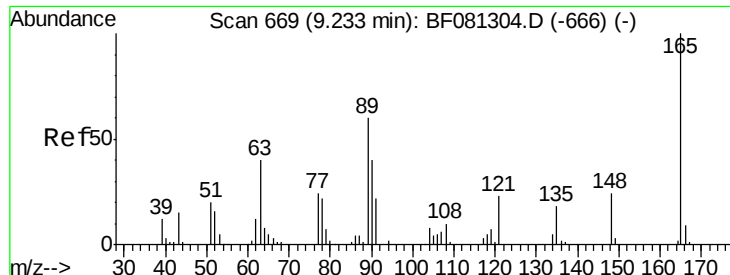
Tot Ion:172 Resp: 607994
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 24.4 17.4 26.2



#49
Dimethylphthalate
Concen: 3.74 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.23 min
Lab File: BF081430.D
Acq: 4 Sep 2015 20:54

Tgt Ion:163 Resp: 36189
Ion Ratio Lower Upper
163 100
194 0.0 4.4 6.6#
164 464.1 8.3 12.5#

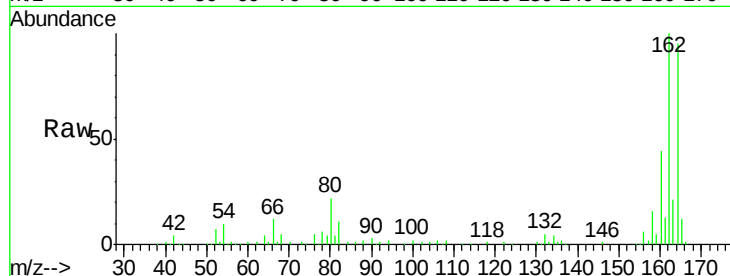




#50
 2,6-Dinitrotoluene
 Concen: 7.20 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081430.D
 Acq: 4 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :

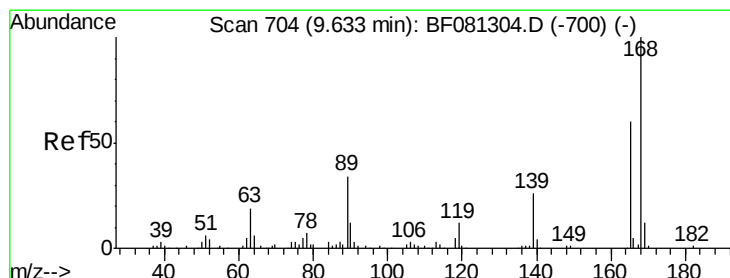
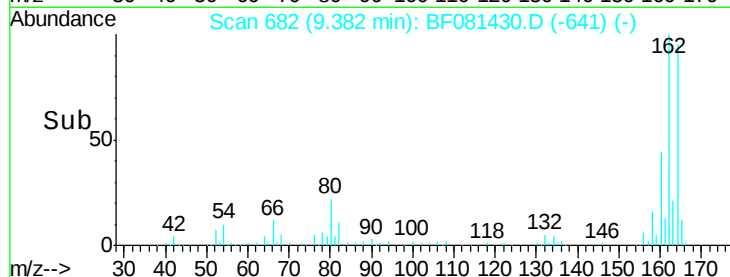
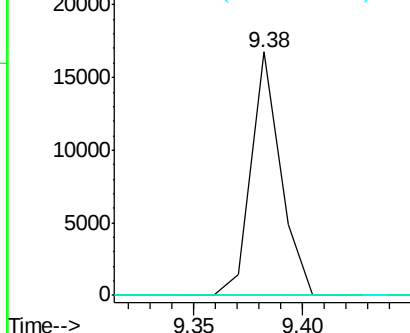
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

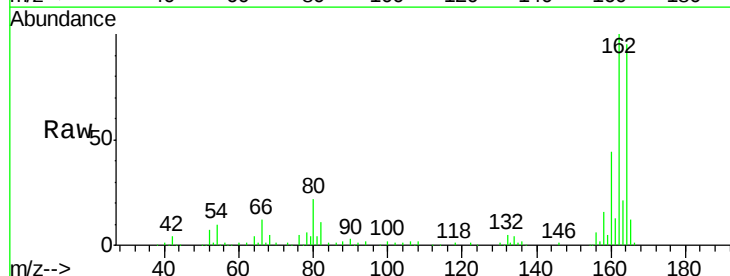
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.65 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081430.D
 Acq: 4 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

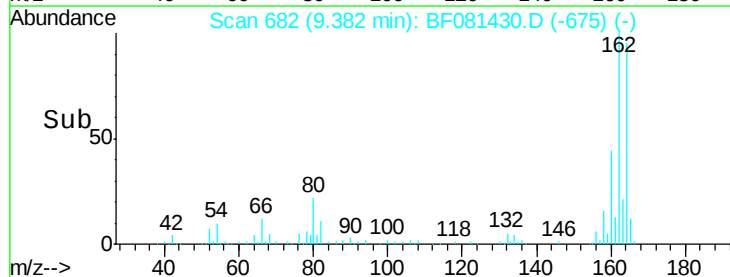
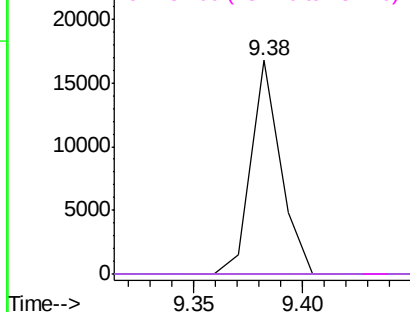


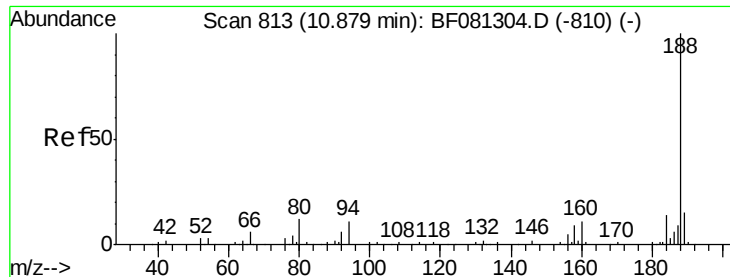
Abundance Ion 165.00 (164.70 to 165.70): E

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

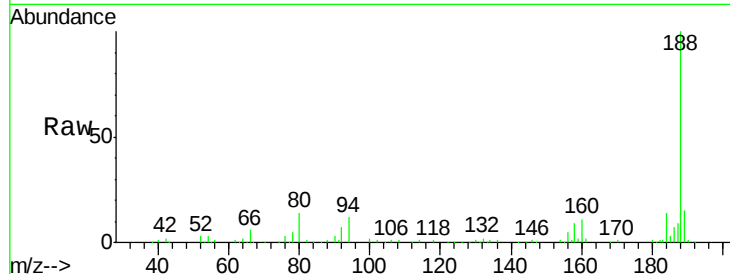




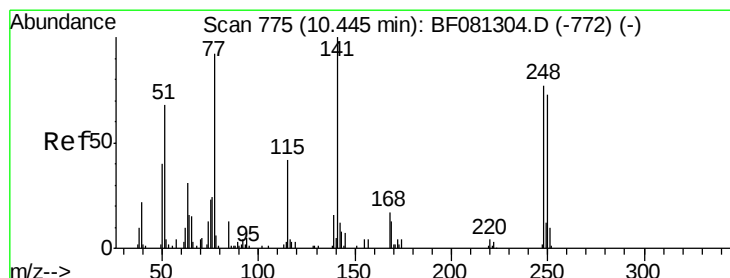
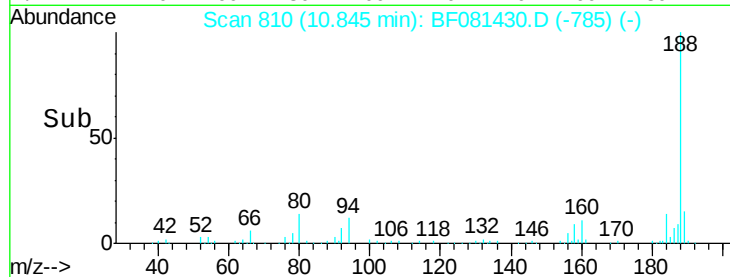
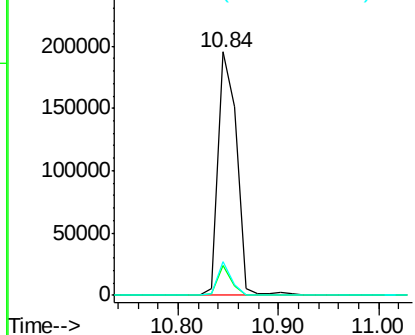
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081430.D
Acq: 4 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 248730
Ion Ratio Lower Upper
188 100
94 12.2 11.1 16.7
80 13.8 11.0 16.4

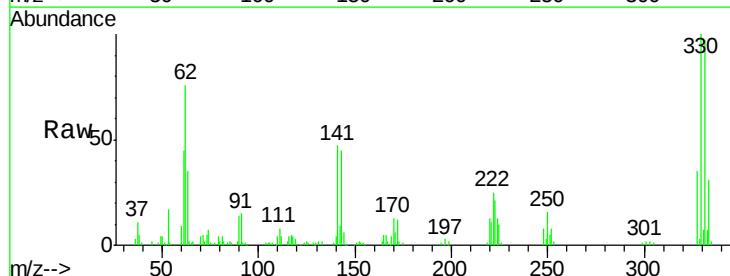


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

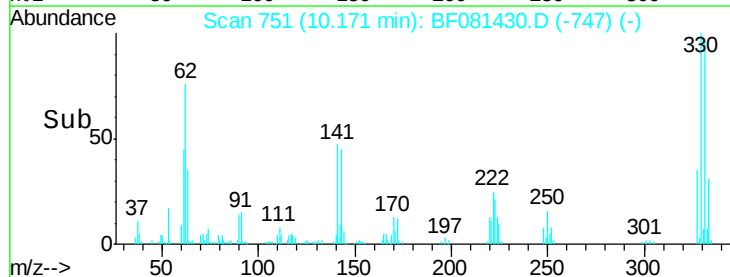
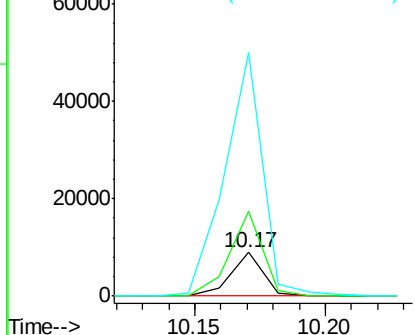


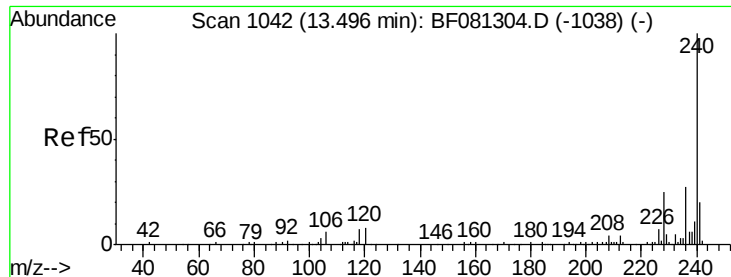
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF081430.D
Acq: 4 Sep 2015 20:54

Tgt Ion:248 Resp: 7634
Ion Ratio Lower Upper
248 100
250 194.7 78.5 117.7#
141 559.9 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: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081430.D

Acq: 4 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

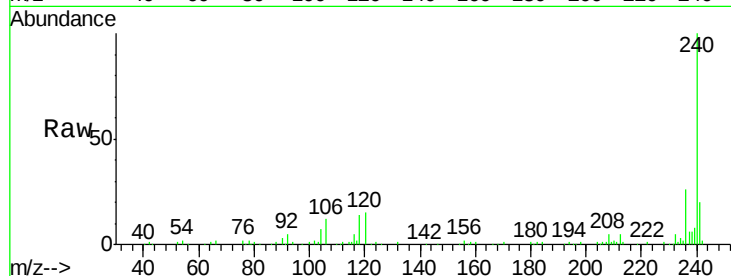
Tot Ion:240 Resp: 186257

Ion Ratio Lower Upper

240 100

120 14.7 16.2 24.2#

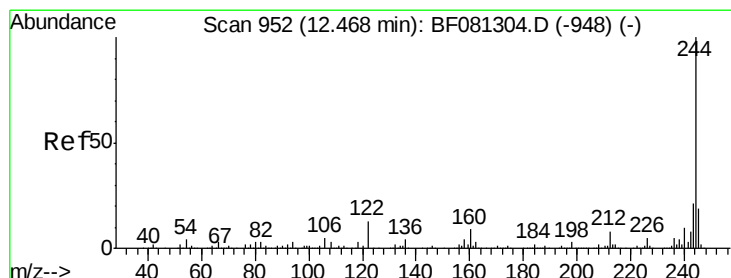
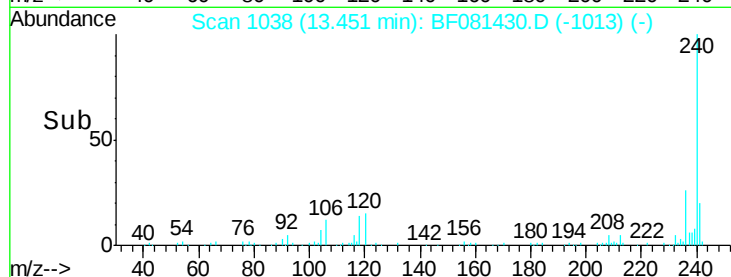
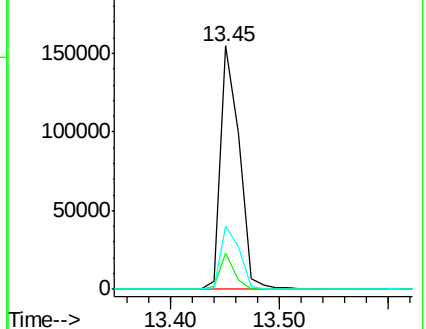
236 26.1 18.4 27.6



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: 65.35 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081430.D

Acq: 4 Sep 2015 20:54

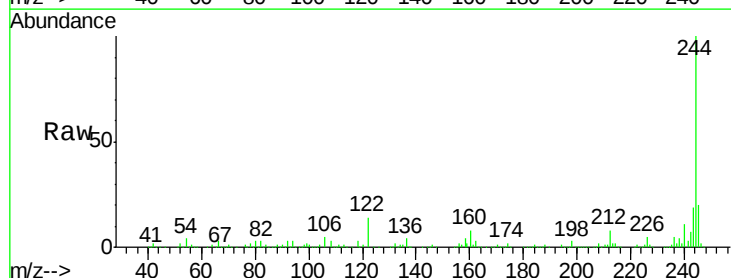
Tgt Ion:244 Resp: 522884

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

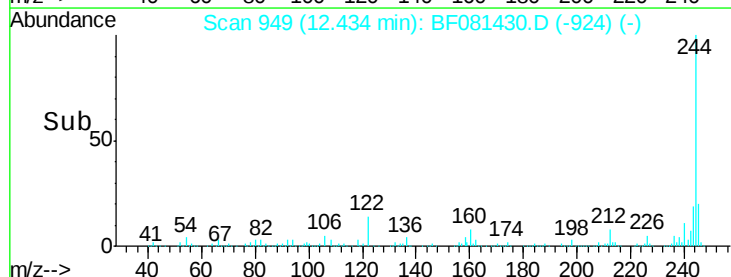
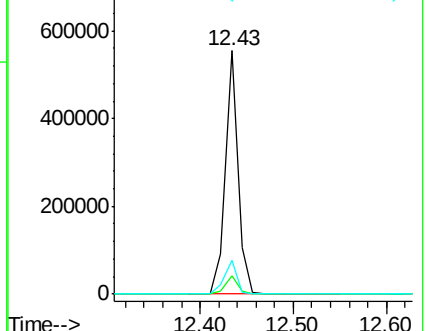
122 13.6 17.4 26.2#

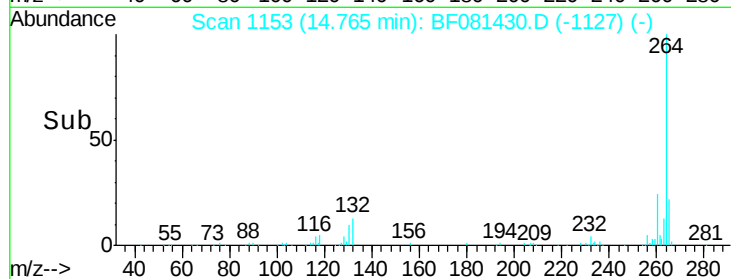
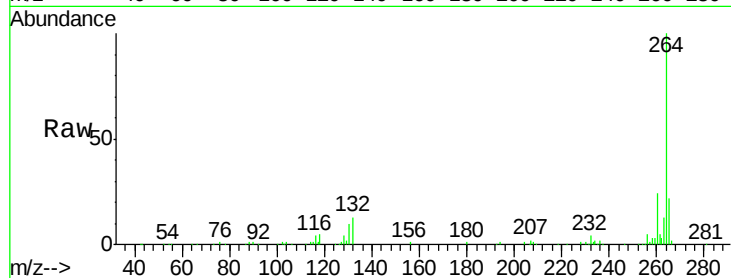
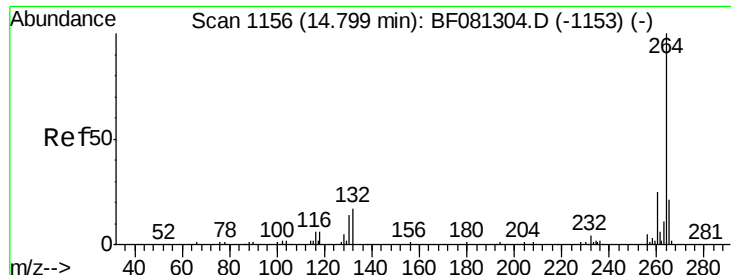


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081430.D
 Acq: 4 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.6	17.2	25.8

