

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081384.D
 Acq On : 3 Sep 2015 19:12
 Operator : UM/IZ
 Sample : PB85376BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BL

Quant Time: Sep 04 02:06:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

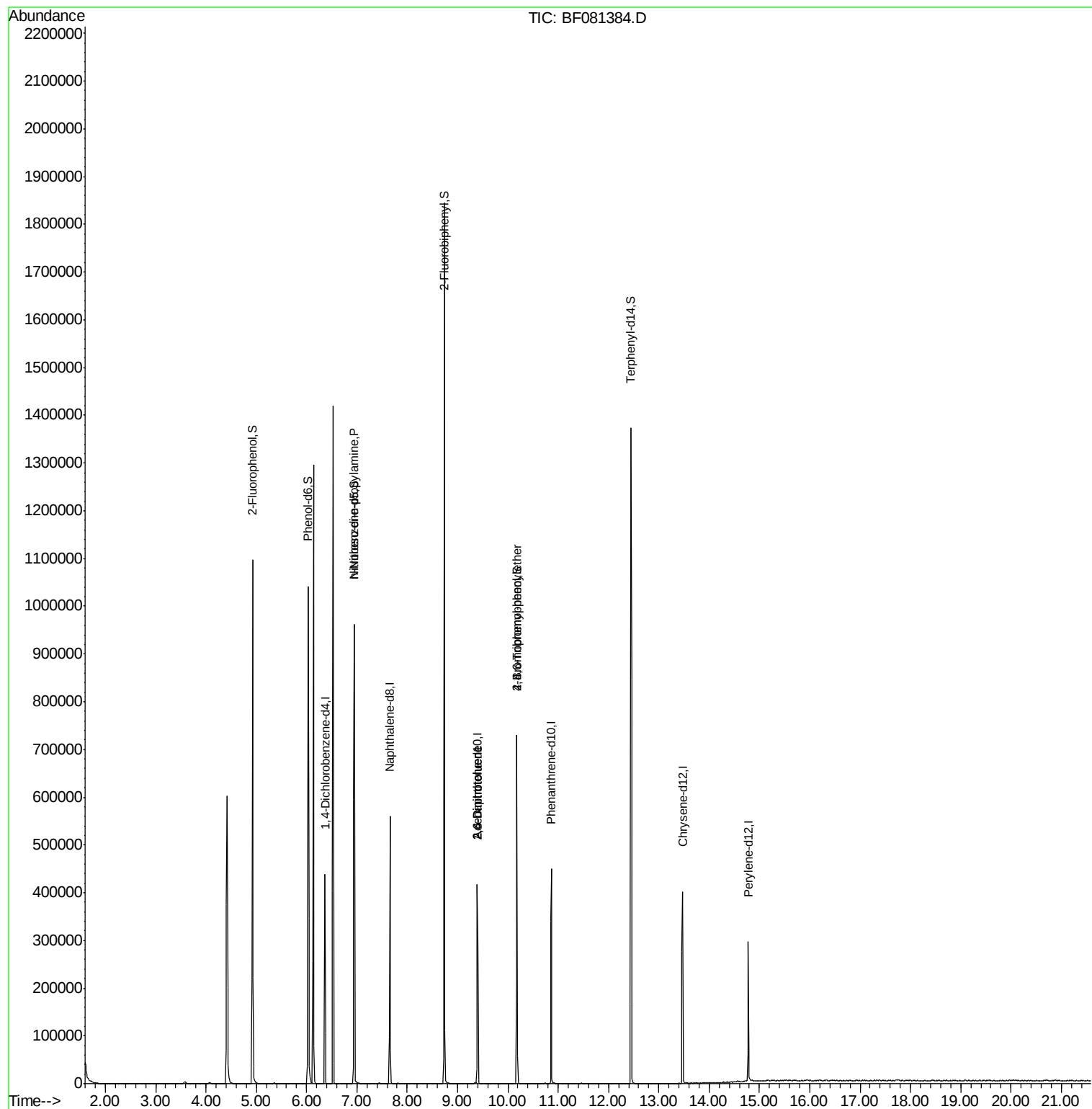
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58880	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	238078	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	109052	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	233346	20.00	ng	0.00
75) Chrysene-d12	13.47	240	189752	20.00	ng	0.00
86) Perylene-d12	14.78	264	112231	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	278977	73.51	ng	0.01
7) Phenol-d6	6.03	99	345811	68.84	ng	-0.01
23) Nitrobenzene-d5	6.95	82	374321	75.86	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	67974	70.00	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	589700	69.30	ng	-0.01
78) Terphenyl-d14	12.45	244	548424	67.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	50261	14.70	ng	# 58
50) 2,6-Dinitrotoluene	9.39	165	13787	7.17	ng	# 37
56) 2,4-Dinitrotoluene	9.39	165	13787	5.63	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	5442	2.31	ng	# 1

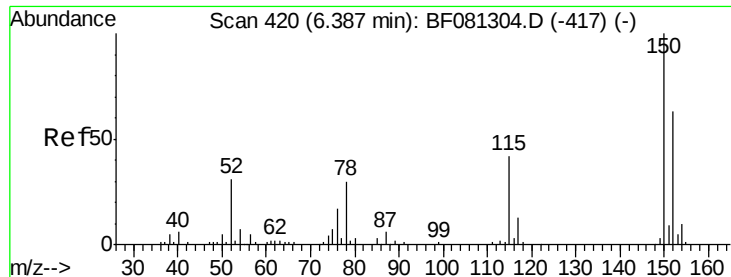
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Sep 04 02:06:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081384.D

Acq: 3 Sep 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PB85376BL

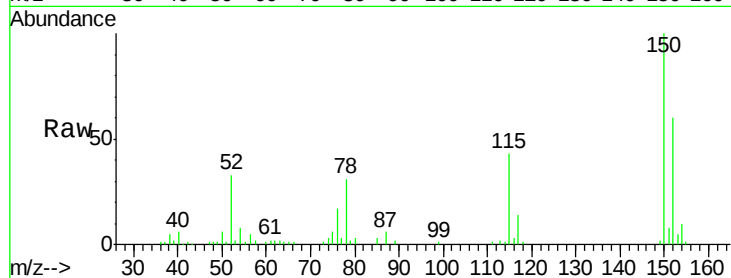
Tot Ion:152 Resp: 58880

Ion Ratio Lower Upper

152 100

150 167.5 124.7 187.1

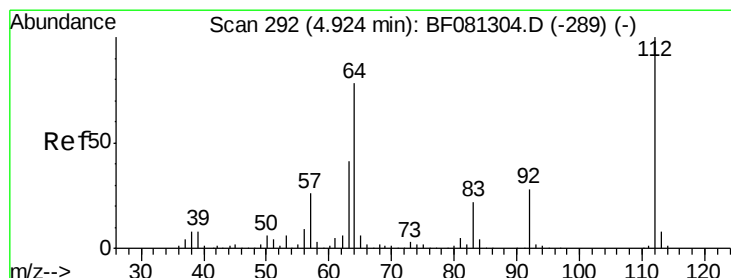
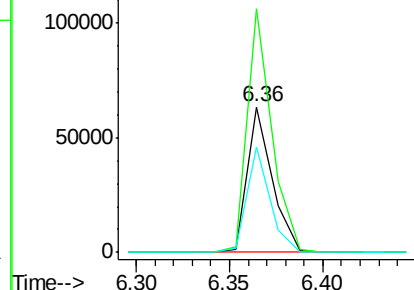
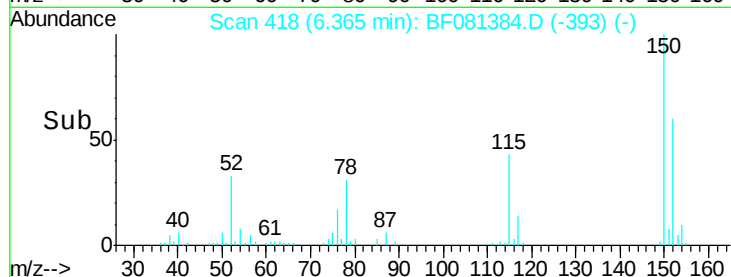
115 72.6 39.0 58.4#



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: 73.51 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081384.D

Acq: 3 Sep 2015 19:12

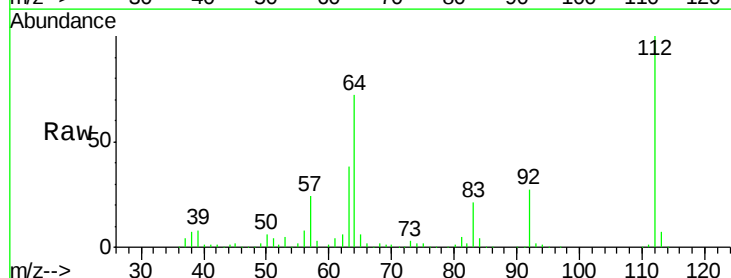
Tgt Ion:112 Resp: 278977

Ion Ratio Lower Upper

112 100

64 72.3 39.7 59.5#

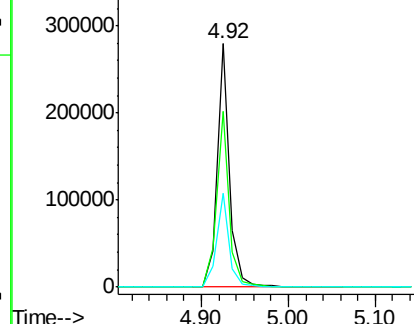
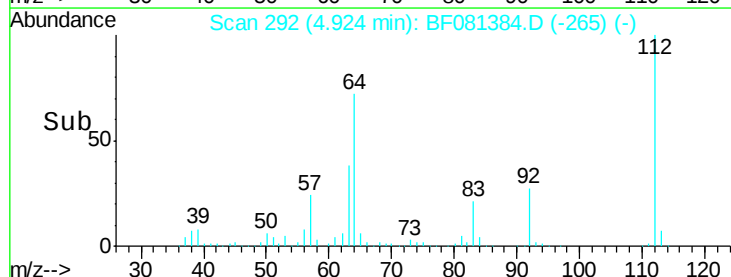
63 38.4 17.4 26.0#

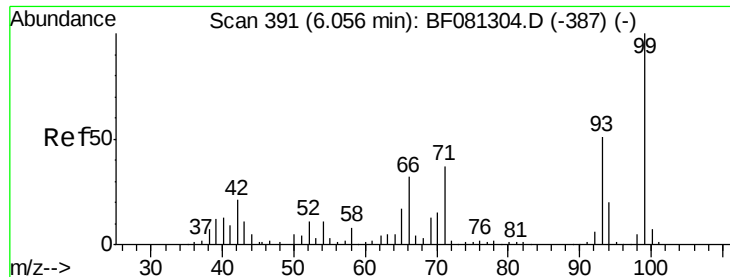


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.84 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081384.D

Acq: 3 Sep 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PB85376BL

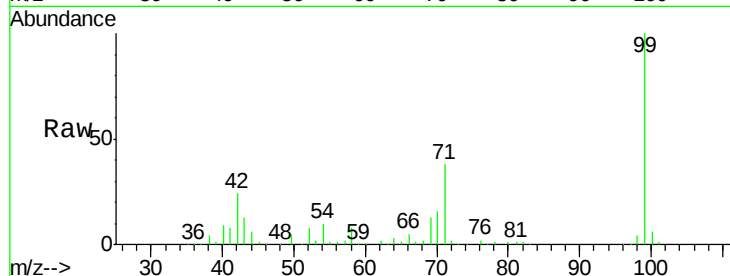
Tot Ion: 99 Resp: 345811

Ion Ratio Lower Upper

99 100

42 24.5 13.7 20.5#

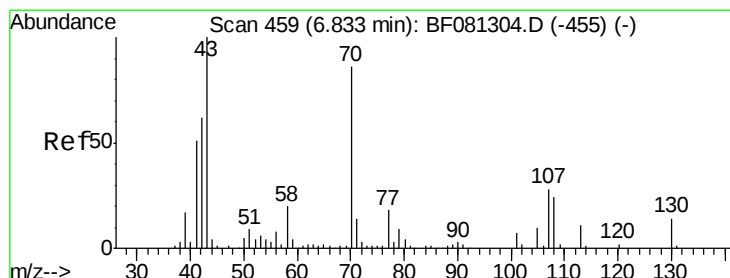
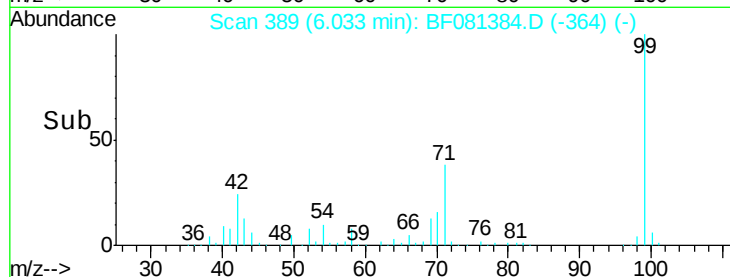
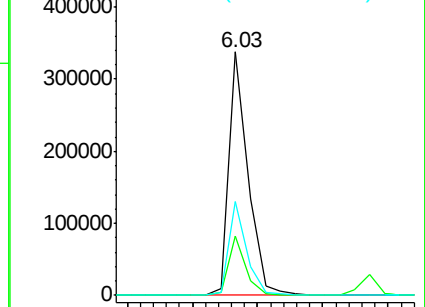
71 38.3 14.2 21.2#



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: 14.70 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081384.D

Acq: 3 Sep 2015 19:12

Tgt Ion: 70 Resp: 50261

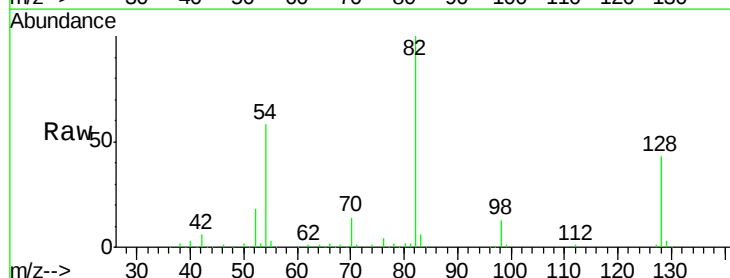
Ion Ratio Lower Upper

70 100

42 46.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

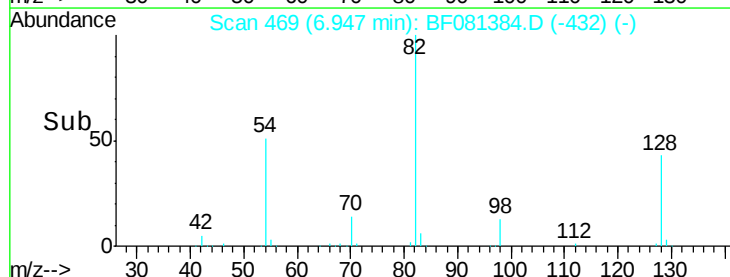
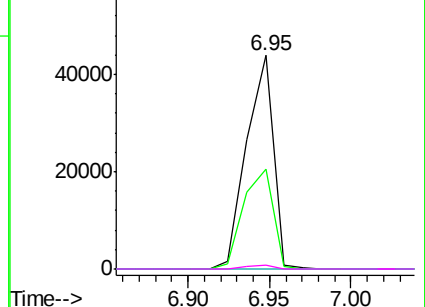


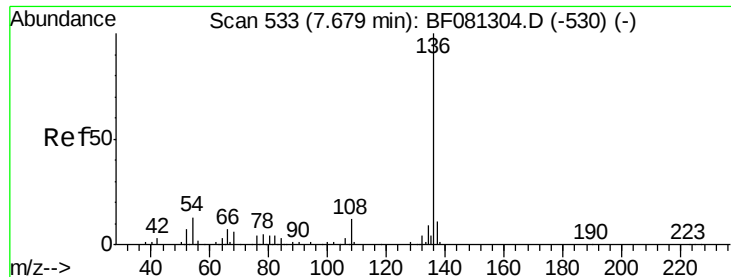
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081384.D

Acq: 3 Sep 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PB85376BL

Tot Ion:136 Resp: 238078

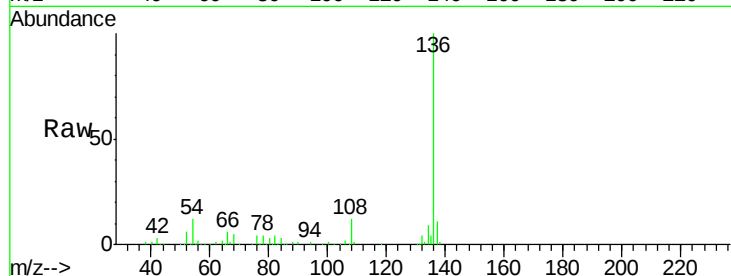
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 11.7 8.2 12.2

68 5.3 5.8 8.6#

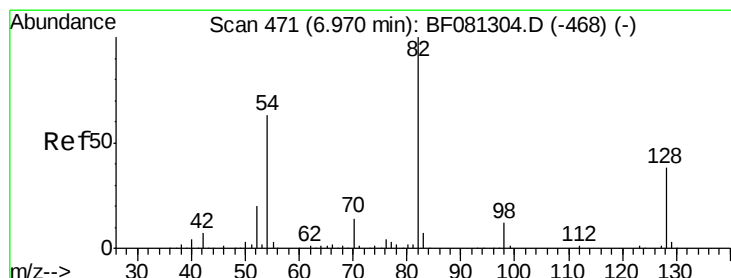
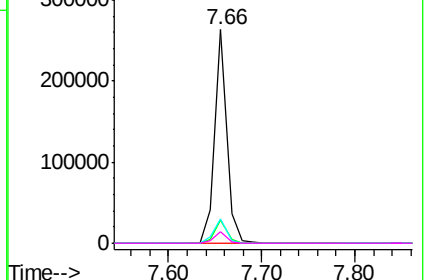
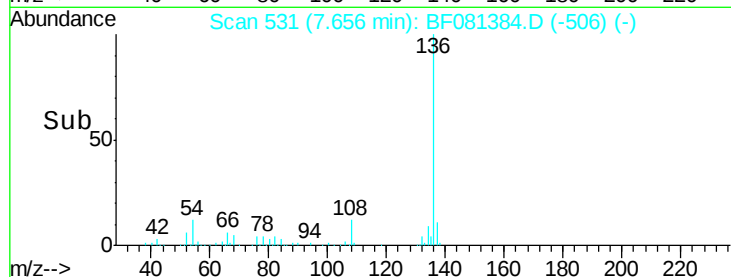


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.86 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081384.D

Acq: 3 Sep 2015 19:12

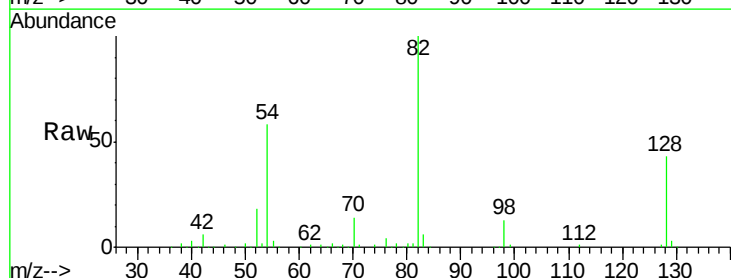
Tgt Ion: 82 Resp: 374321

Ion Ratio Lower Upper

82 100

128 43.0 51.0 76.6#

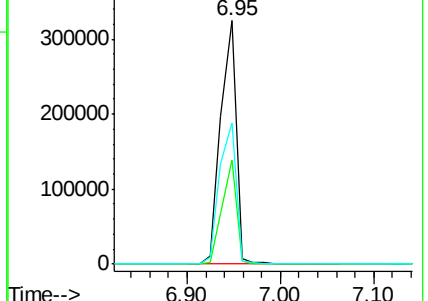
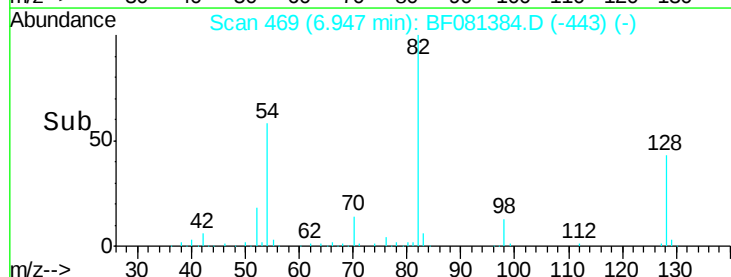
54 58.1 47.5 71.3

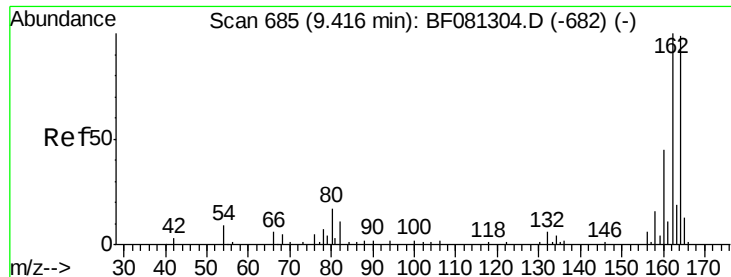


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

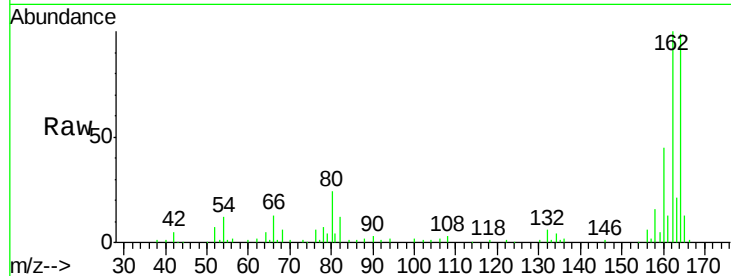




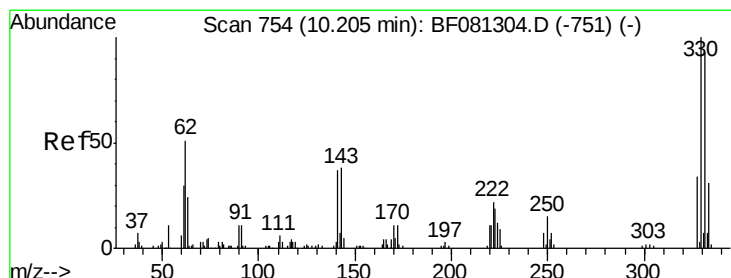
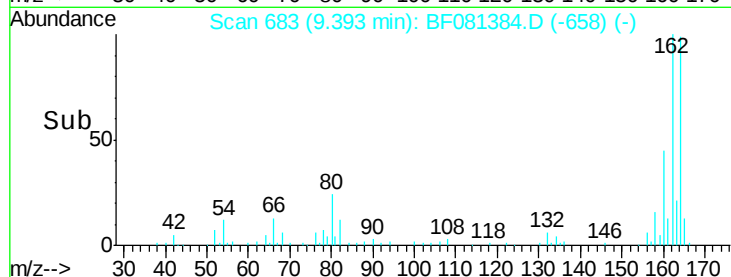
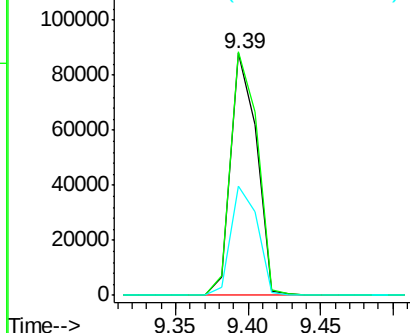
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF081384.D
Acq: 3 Sep 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB85376BL

Tot Ion:164 Resp: 109052
Ion Ratio Lower Upper
164 100
162 100.6 75.2 112.8
160 44.9 31.5 47.3

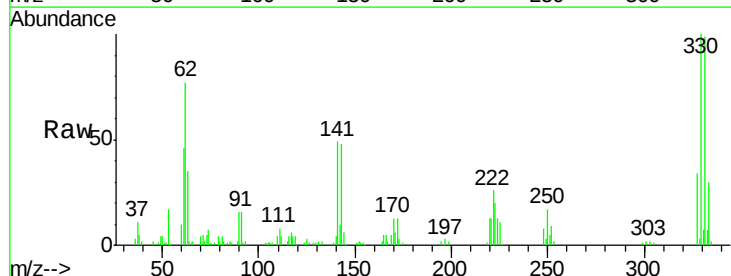


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

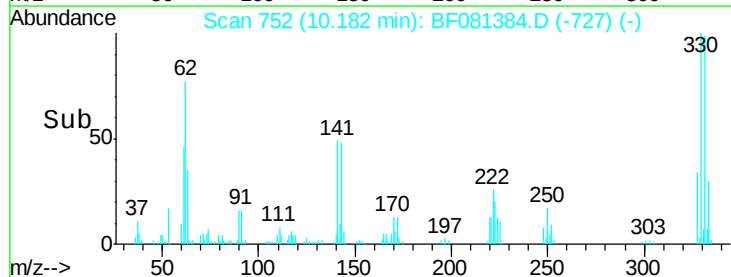
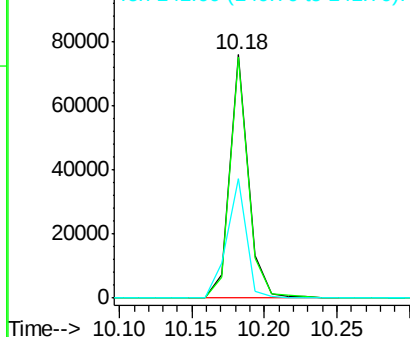


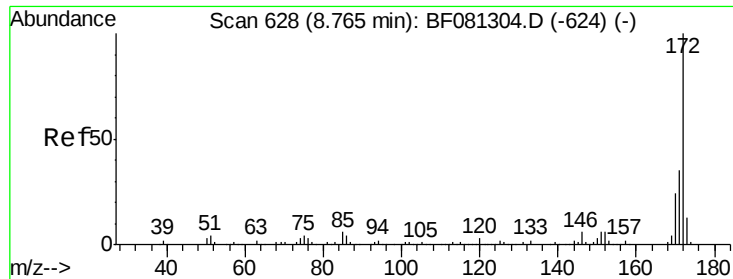
#41
2,4,6-Tribromophenol
Concen: 70.00 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF081384.D
Acq: 3 Sep 2015 19:12

Tgt Ion:330 Resp: 67974
Ion Ratio Lower Upper
330 100
332 98.0 76.6 114.8
141 51.9 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

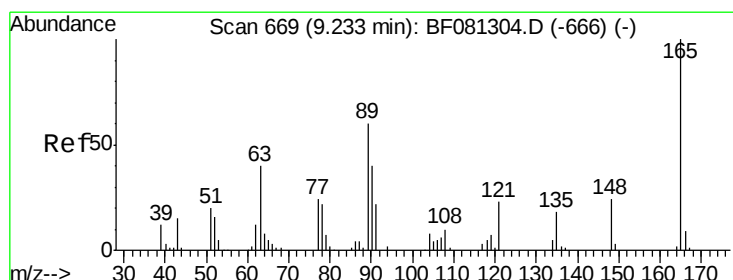
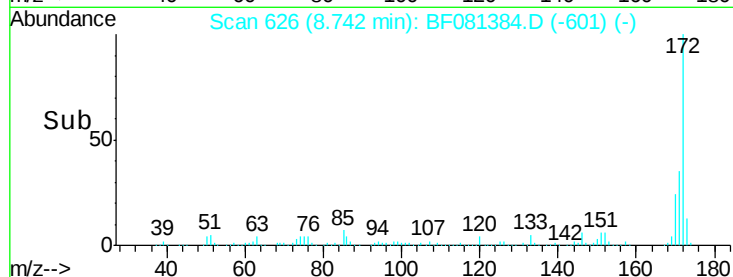
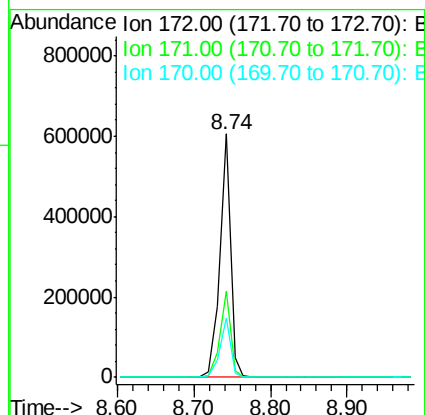
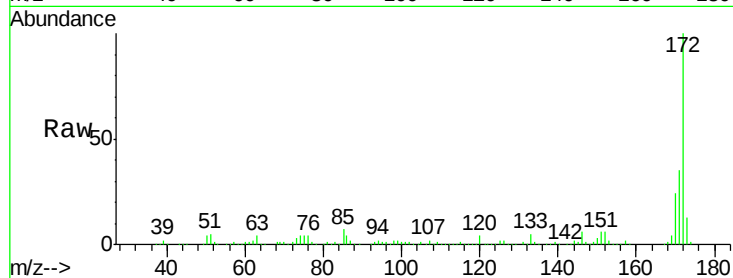




#44
 2-Fluorobiphenyl
 Concen: 69.30 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

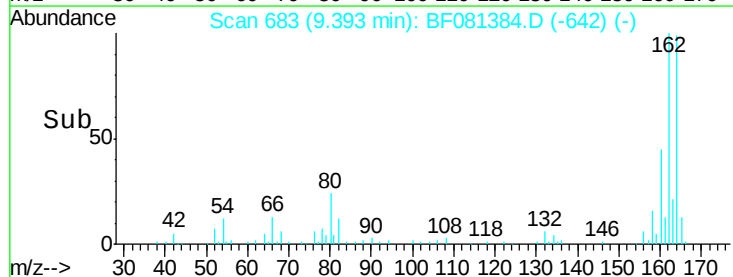
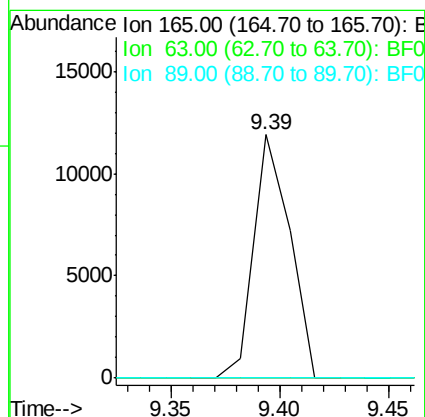
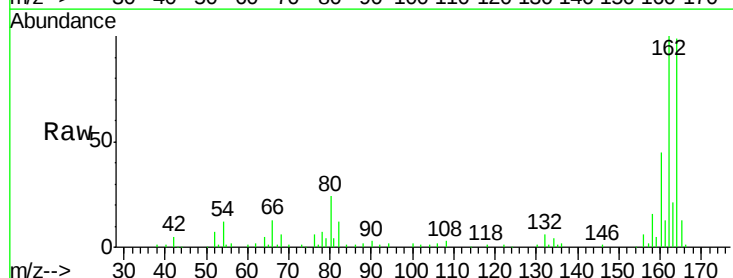
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BL

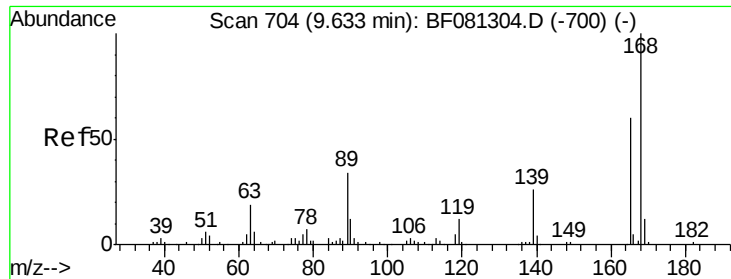
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	24.4	17.4	26.2



#50
 2,6-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.17 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

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

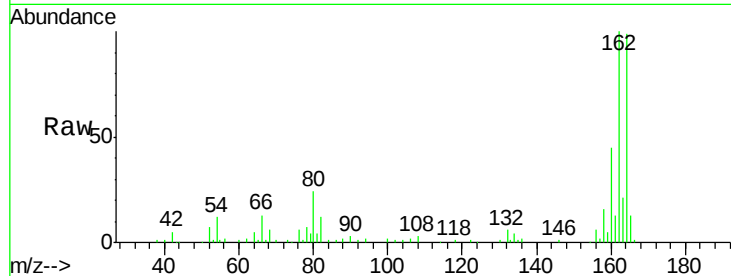




#56
 2,4-Dinitrotoluene
 Concen: 5.63 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BL

Tot Ion:165	Resp:	13787
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#

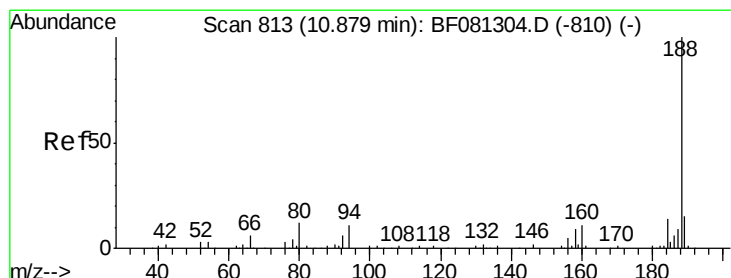
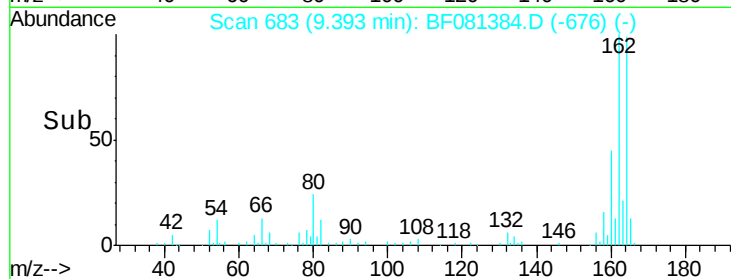
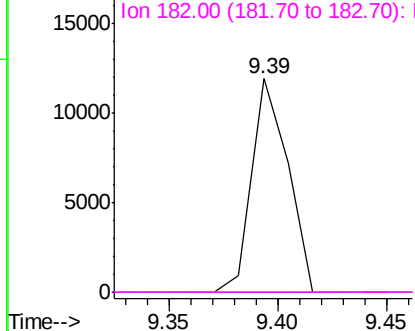


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

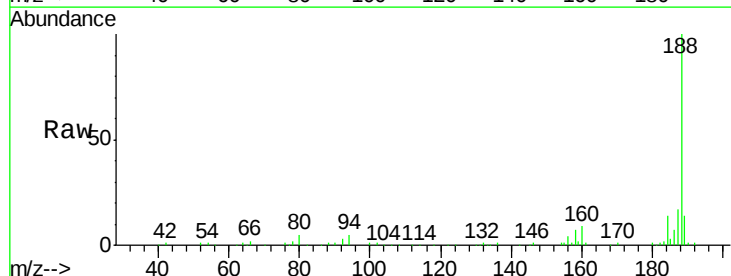
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

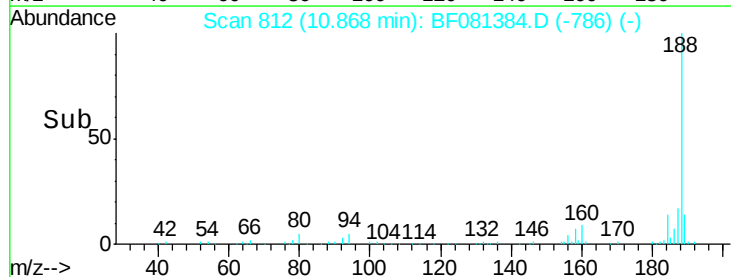
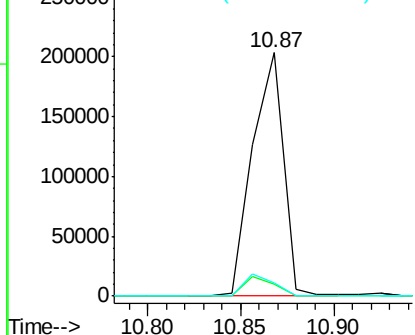
Tgt Ion:188	Resp:	233346
Ion Ratio	Lower	Upper
188	100	
94	5.1	11.1 16.7#
80	5.4	11.0 16.4#

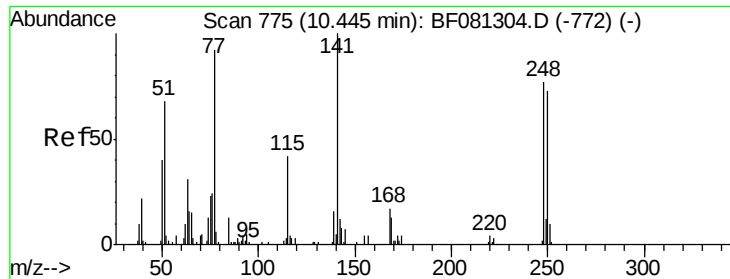


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

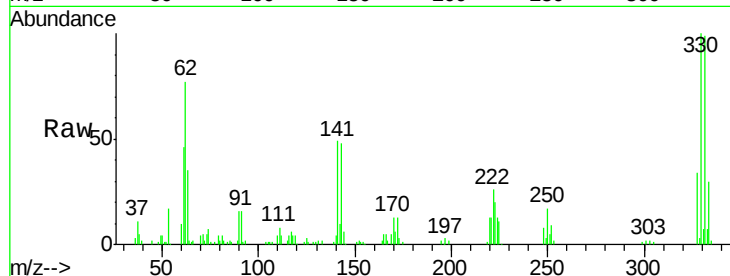




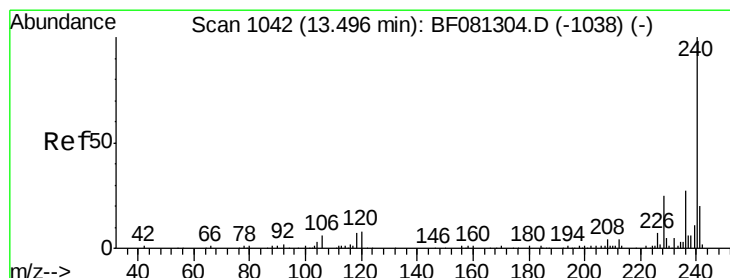
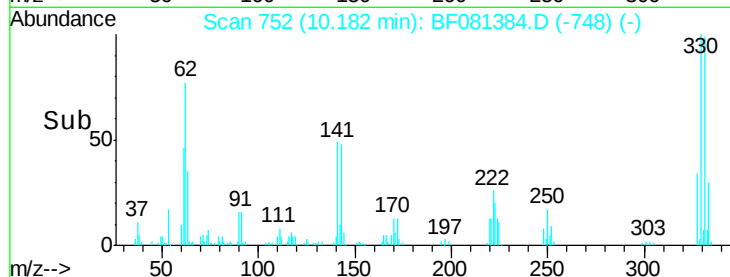
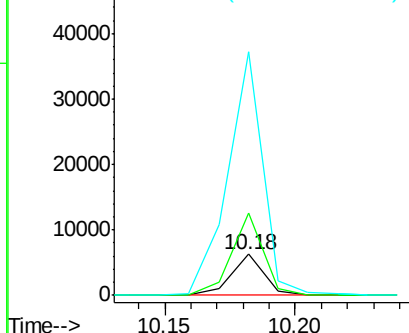
#66
 4-Bromophenyl-phenylether
 Concen: 2.31 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.25 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

Instrument :
 BNA_F
 ClientSampled :
 PB85376BL

Tot Ion:248 Resp: 5442
 Ion Ratio Lower Upper
 248 100
 250 199.9 78.5 117.7#
 141 589.2 59.0 88.6#

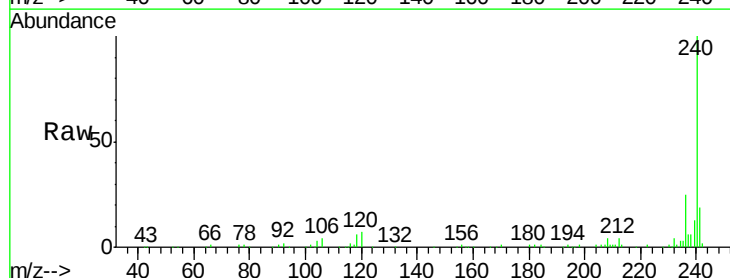


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

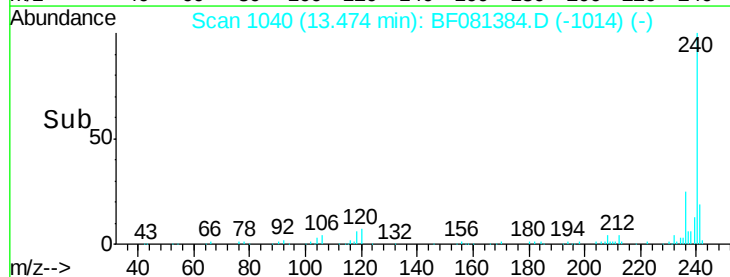
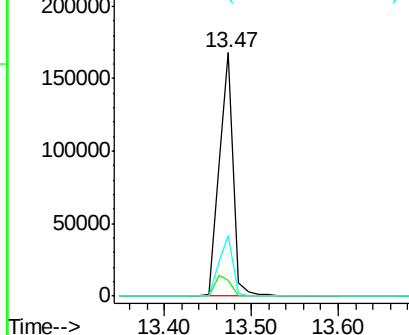


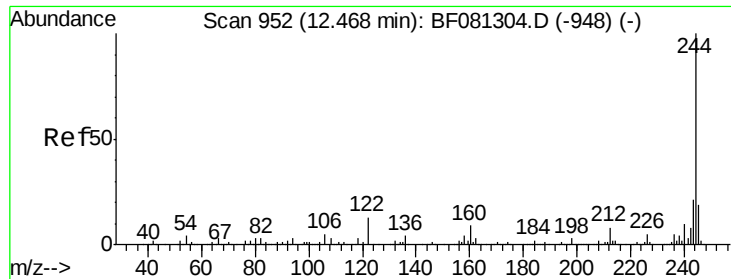
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

Tgt Ion:240 Resp: 189752
 Ion Ratio Lower Upper
 240 100
 120 6.6 16.2 24.2#
 236 24.9 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

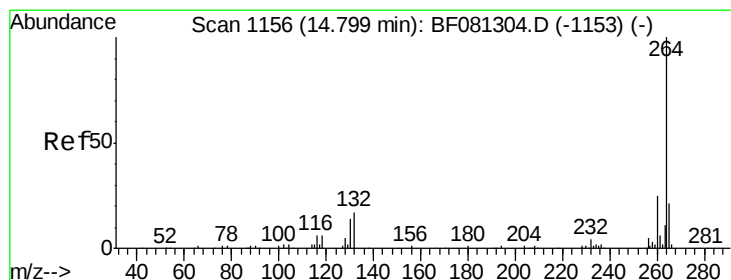
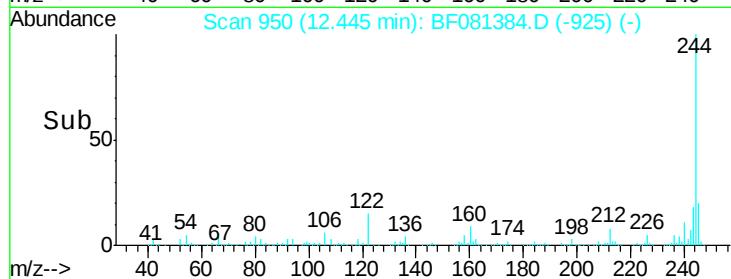
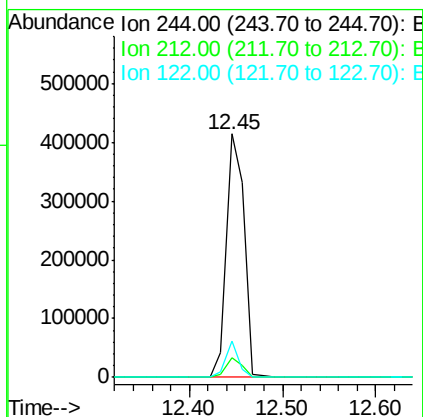
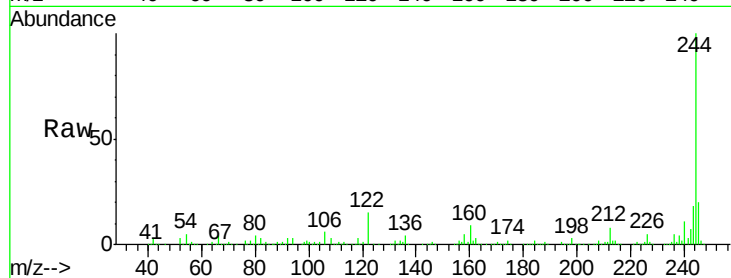




#78
 Terphenyl-d14
 Concen: 67.28 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

Instrument :
 BNA_F
 ClientSampleID :
 PB85376BL

Tot Ion:244 Resp: 548424
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 15.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081384.D
 Acq: 3 Sep 2015 19:12

Tgt Ion:264 Resp: 112231
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 22.0 17.2 25.8

