

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081389.D
 Acq On : 3 Sep 2015 21:51
 Operator : UM/IZ
 Sample : G3511-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(8-9)

Quant Time: Sep 04 02:08:04 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

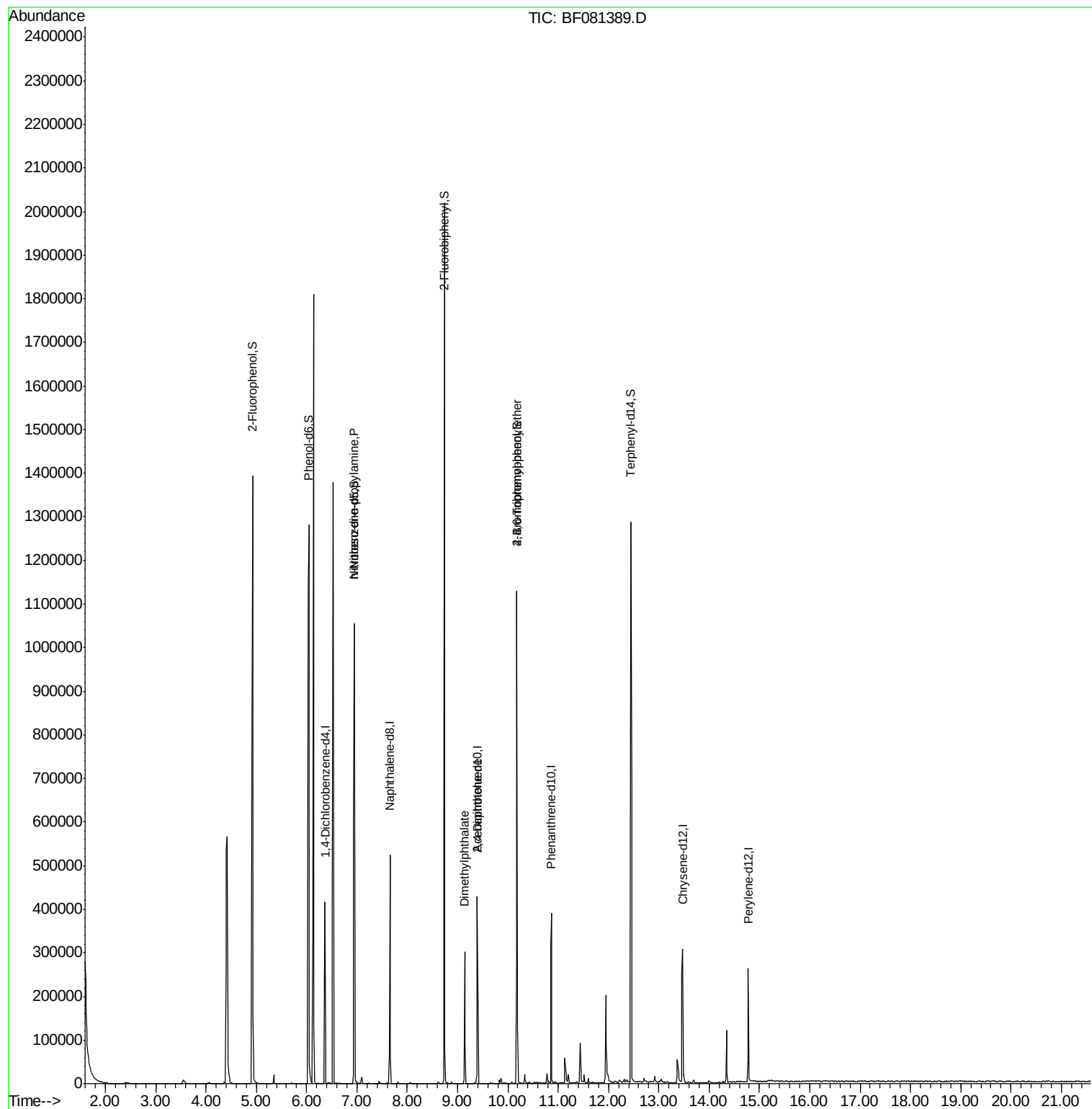
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	54739	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	212937	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	99211	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	202719	20.00	ng	0.00
75) Chrysene-d12	13.47	240	151086	20.00	ng	0.00
86) Perylene-d12	14.78	264	98561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	430901	122.13	ng	0.01
7) Phenol-d6	6.04	99	612768	131.21	ng	0.00
23) Nitrobenzene-d5	6.95	82	389336	88.21	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	96195	108.89	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	593816	76.70	ng	-0.01
78) Terphenyl-d14	12.45	244	483903	74.56	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	52786	16.61	ng	# 61
49) Dimethylphthalate	9.14	163	120460	15.63	ng	# 97
56) 2,4-Dinitrotoluene	9.39	165	12626	5.67	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	7704	3.76	ng	# 1

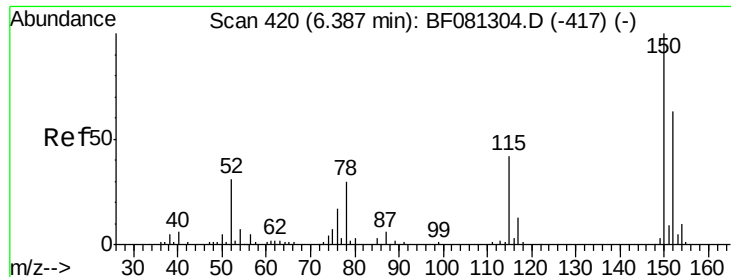
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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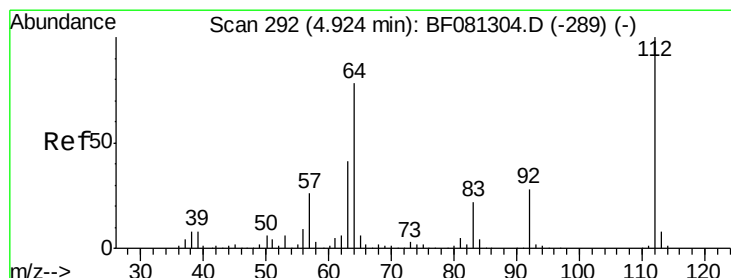
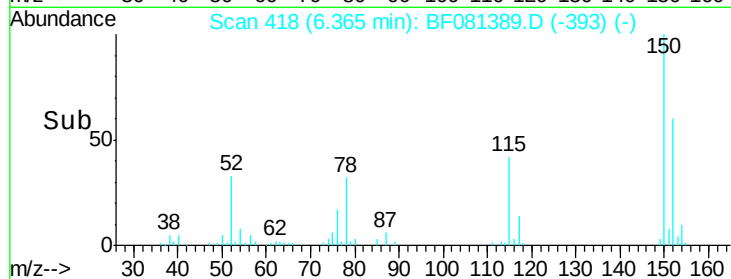
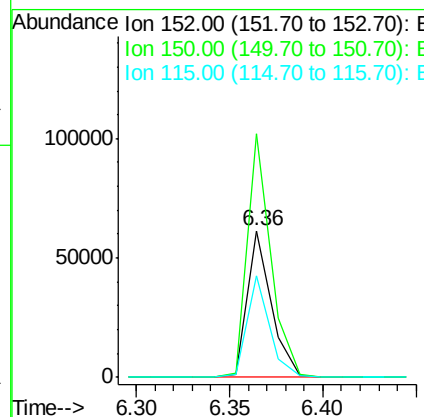
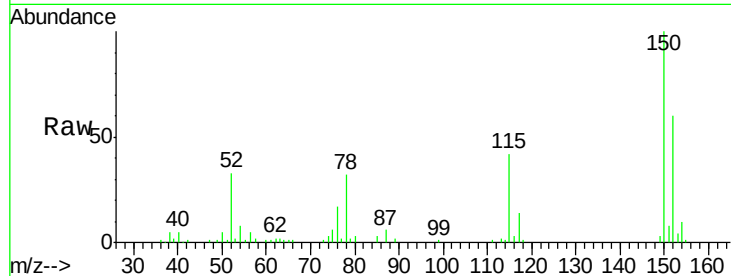


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081389.D
Acq: 3 Sep 2015 21:51

Instrument :
BNA_F
ClientSampleId :
SB-01(8-9)

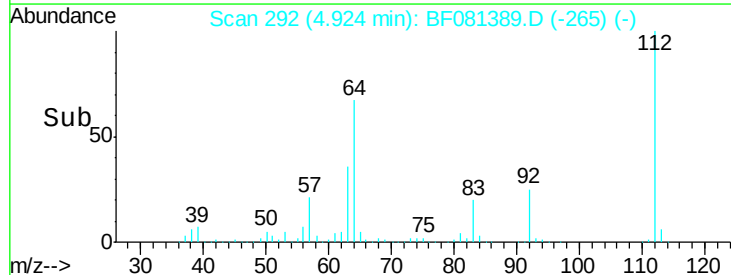
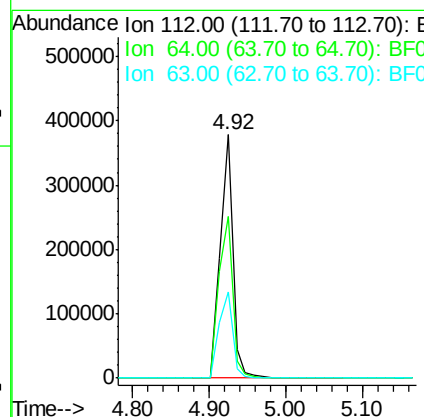
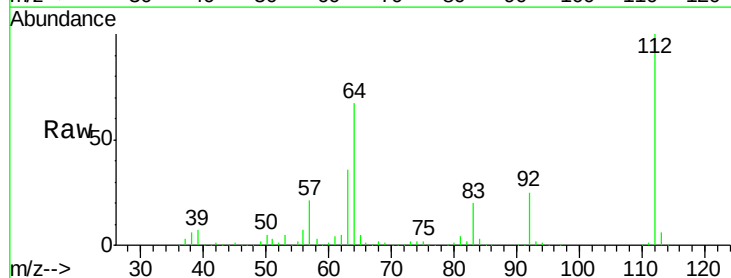
Tot Ion:152 Resp: 54739
Ion Ratio Lower Upper
152 100
150 166.0 124.7 187.1
115 69.0 39.0 58.4#

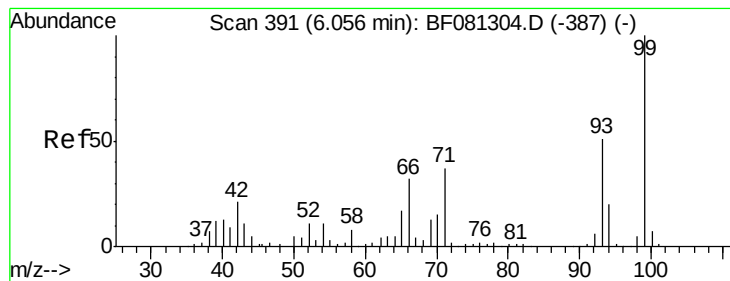


#5

2-Fluorophenol
Concen: 122.13 ng
RT: 4.92 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF081389.D
Acq: 3 Sep 2015 21:51

Tgt Ion:112 Resp: 430901
Ion Ratio Lower Upper
112 100
64 66.6 39.7 59.5#
63 35.5 17.4 26.0#





#7

Phenol-d6

Concen: 131.21 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081389.D

Acq: 3 Sep 2015 21:51

Instrument :

BNA_F

ClientSampleId :

SB-01(8-9)

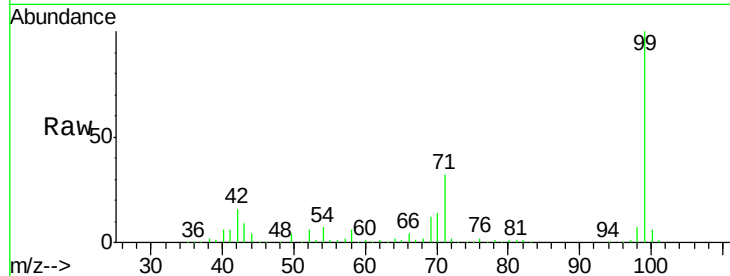
Tot Ion: 99 Resp: 612768

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

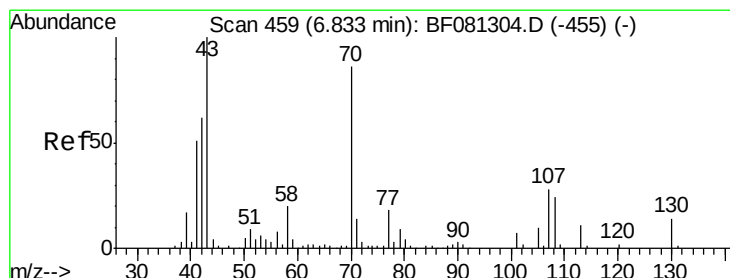
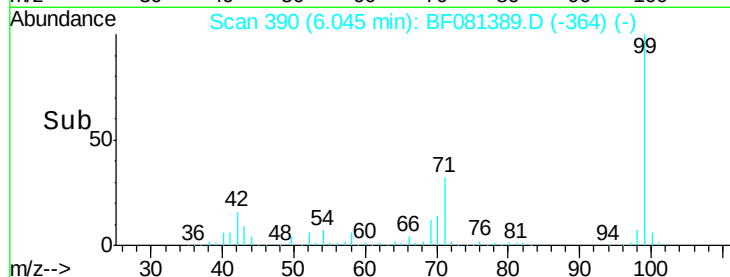
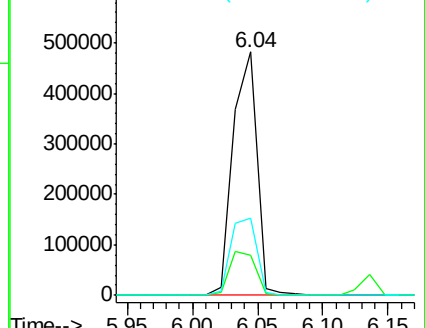
71 31.7 14.2 21.2#



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: 16.61 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081389.D

Acq: 3 Sep 2015 21:51

Tgt Ion: 70 Resp: 52786

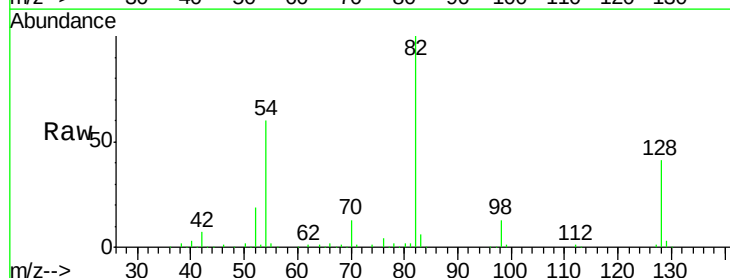
Ion Ratio Lower Upper

70 100

42 50.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

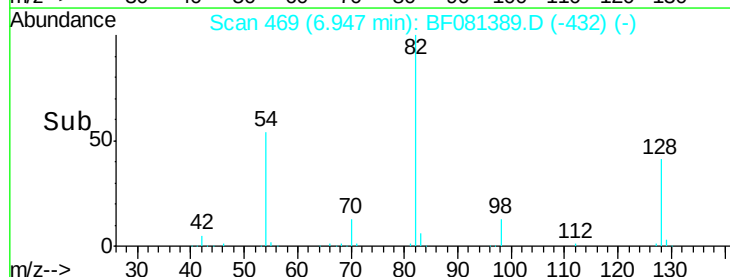
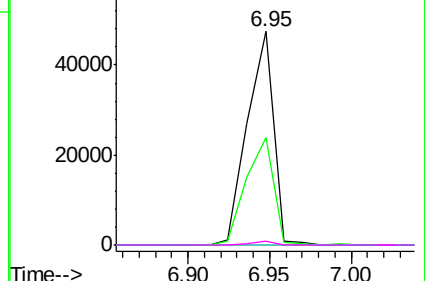


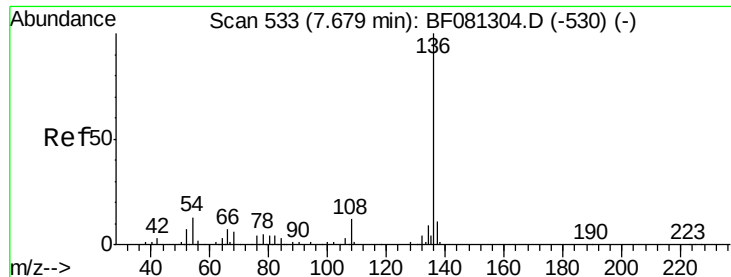
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF081389.D

Acq: 3 Sep 2015 21:51

Instrument :

BNA_F

ClientSampleId :

SB-01(8-9)

Tot Ion:136 Resp: 212937

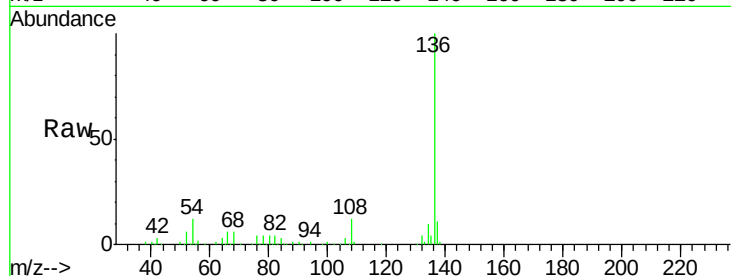
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 11.8 8.2 12.2

68 6.0 5.8 8.6

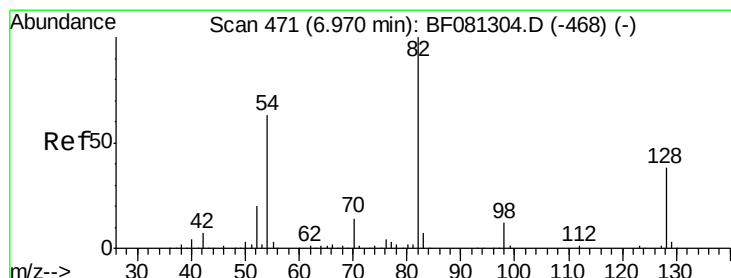
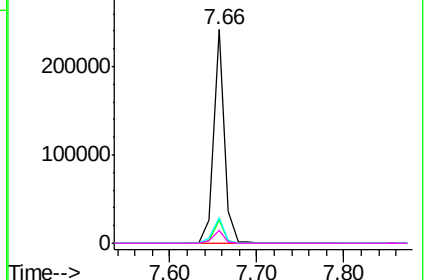
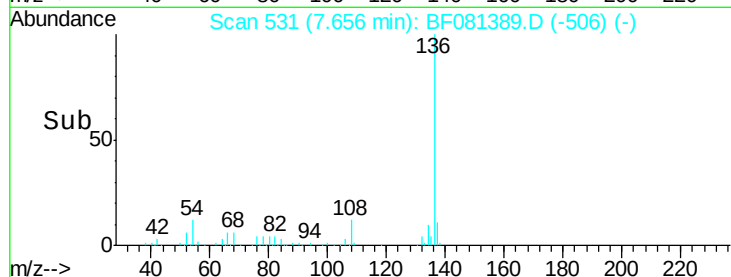


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.21 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081389.D

Acq: 3 Sep 2015 21:51

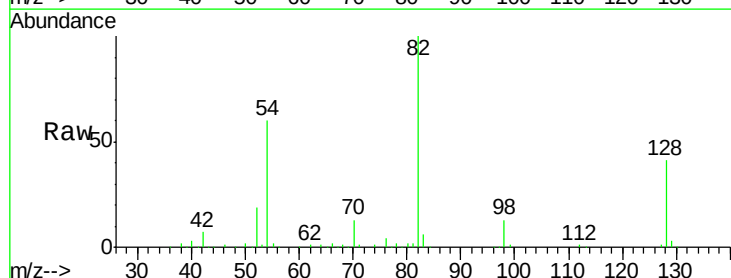
Tgt Ion: 82 Resp: 389336

Ion Ratio Lower Upper

82 100

128 41.2 51.0 76.6#

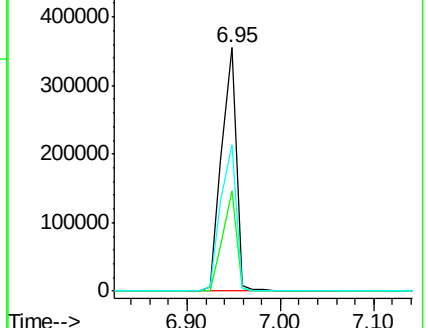
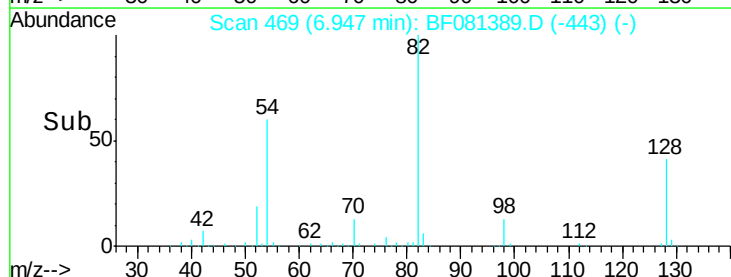
54 60.2 47.5 71.3

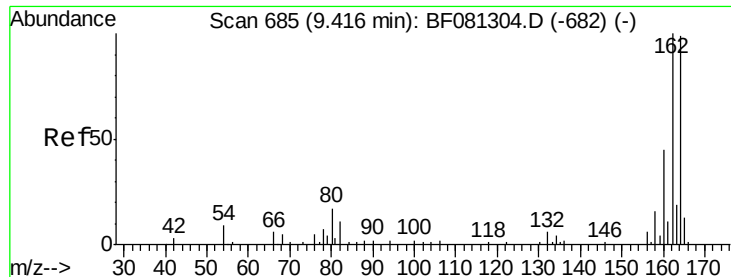


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

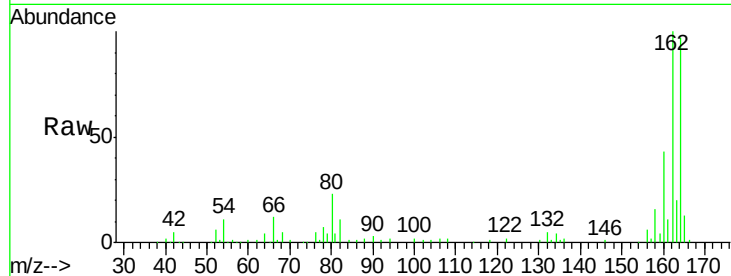




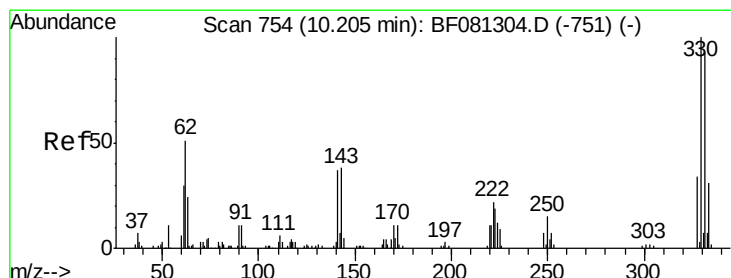
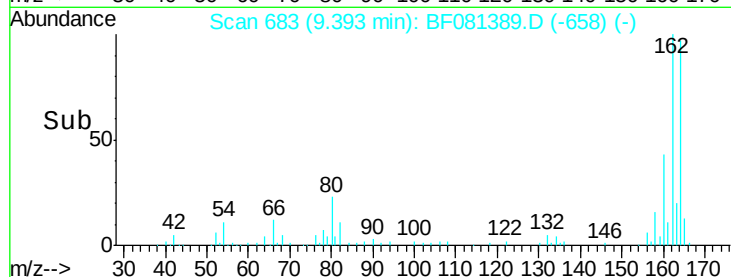
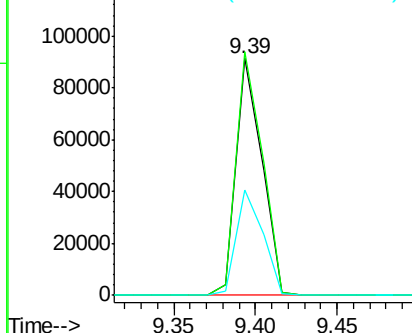
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081389.D
 Acq: 3 Sep 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(8-9)

Tot Ion:164 Resp: 99211
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 44.5 31.5 47.3

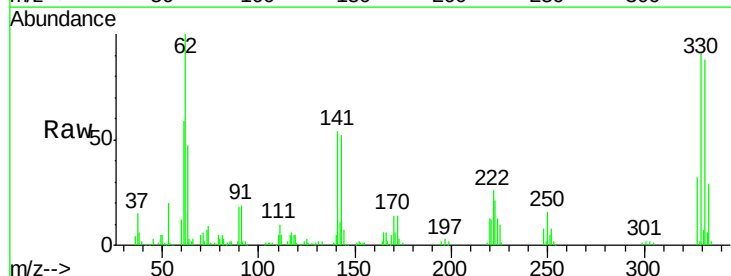


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

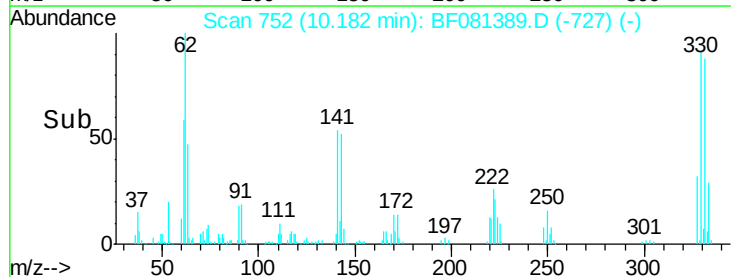
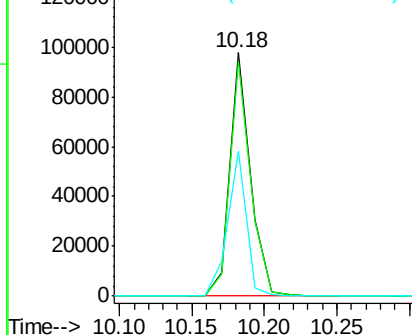


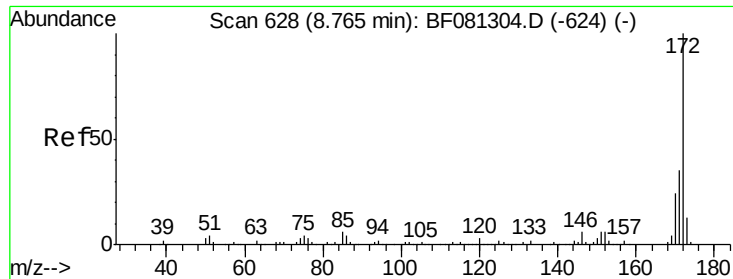
#41
 2,4,6-Tribromophenol
 Concen: 108.89 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081389.D
 Acq: 3 Sep 2015 21:51

Tgt Ion:330 Resp: 96195
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 54.2 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

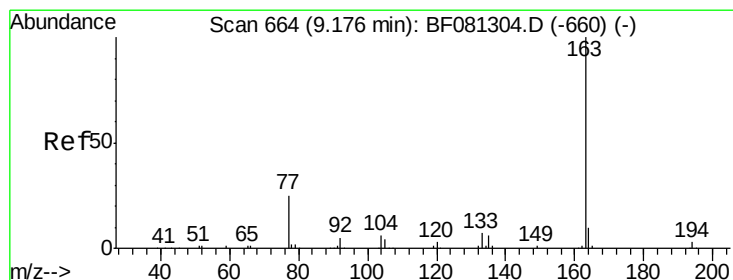
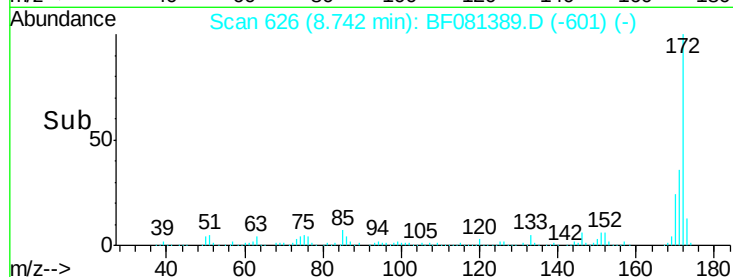
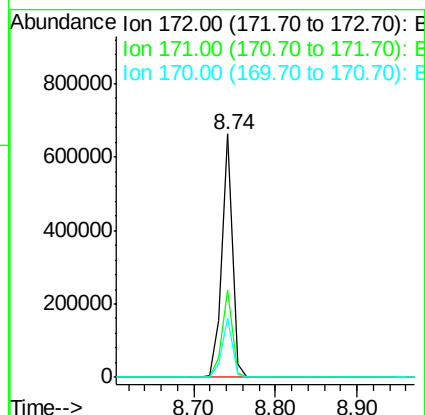
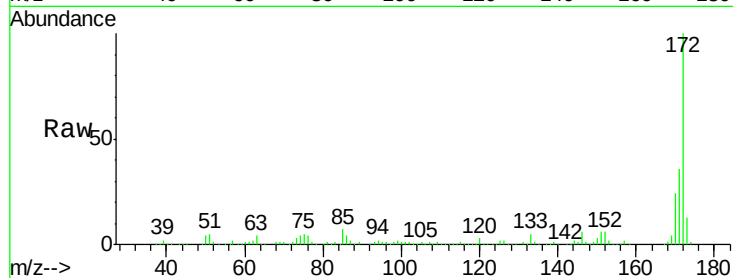




#44
 2-Fluorobiphenyl
 Concen: 76.70 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081389.D
 Acq: 3 Sep 2015 21:51

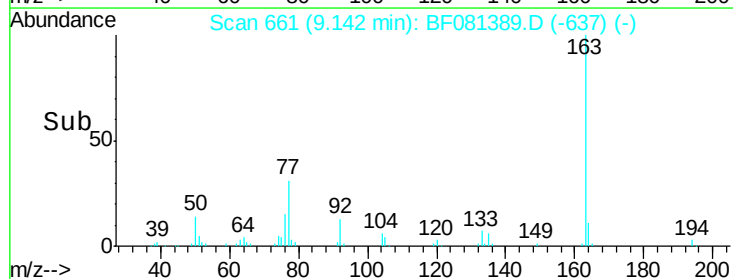
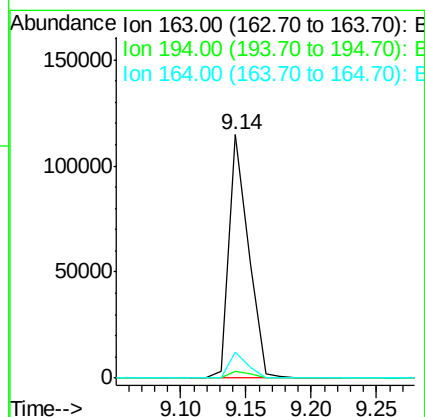
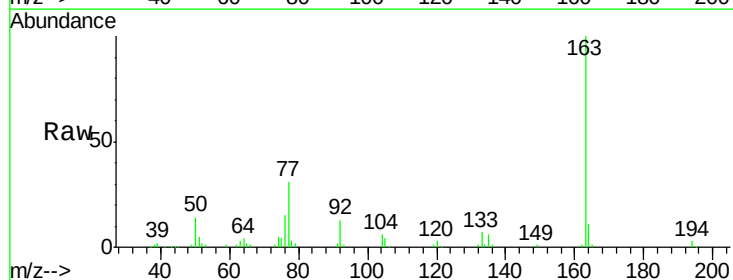
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(8-9)

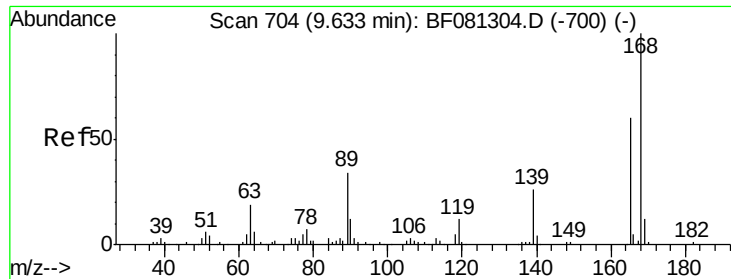
Tot Ion:172 Resp: 593816
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.3 17.4 26.2



#49
 Dimethylphthalate
 Concen: 15.63 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF081389.D
 Acq: 3 Sep 2015 21:51

Tgt Ion:163 Resp: 120460
 Ion Ratio Lower Upper
 163 100
 194 3.0 4.4 6.6#
 164 10.6 8.3 12.5

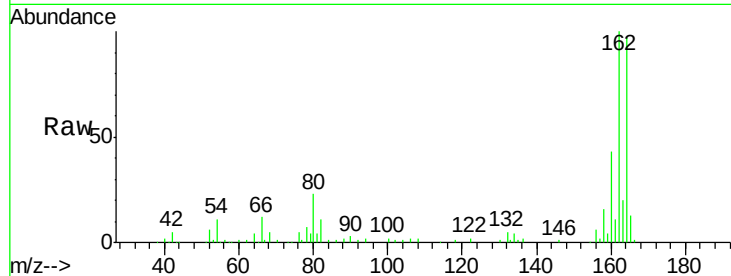




#56
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.22 min
Lab File: BF081389.D
Acq: 3 Sep 2015 21:51

Instrument :
BNA_F
ClientSampleId :
SB-01(8-9)

Tot Ion:	165	Resp:	12626
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#

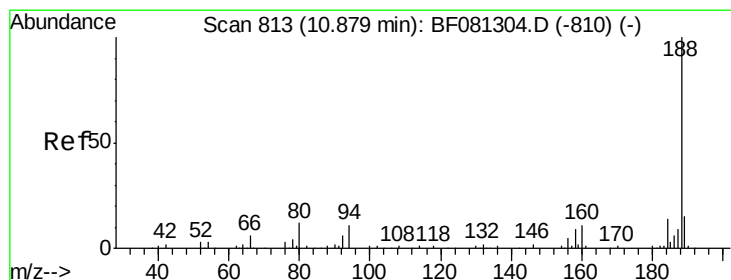
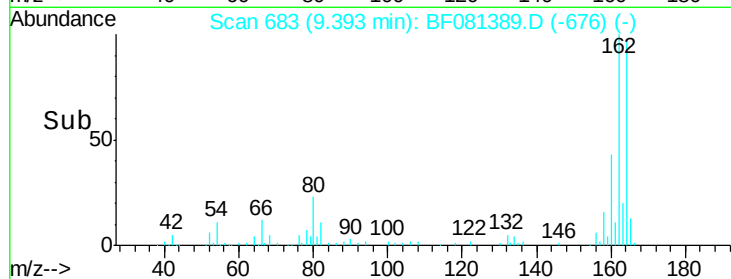
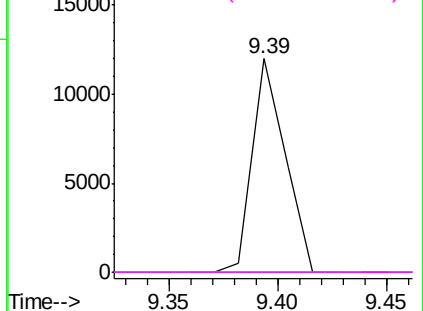


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

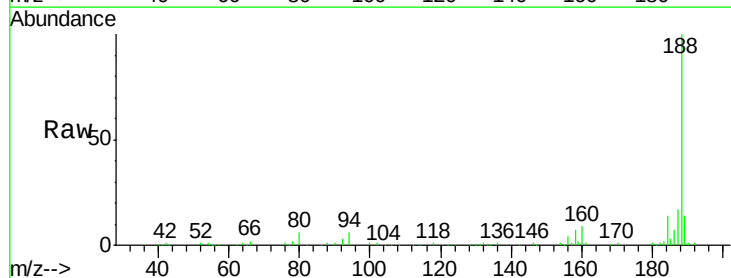
Ion 89.00 (88.70 to 89.70): BF0

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: BF081389.D
Acq: 3 Sep 2015 21:51

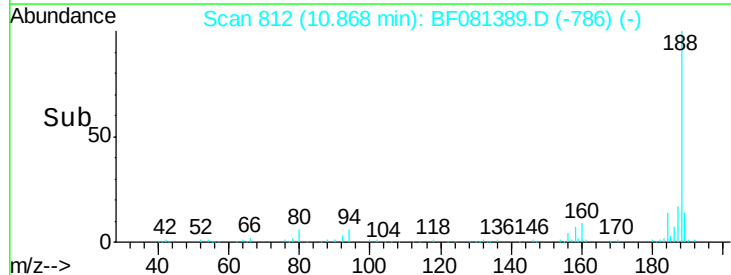
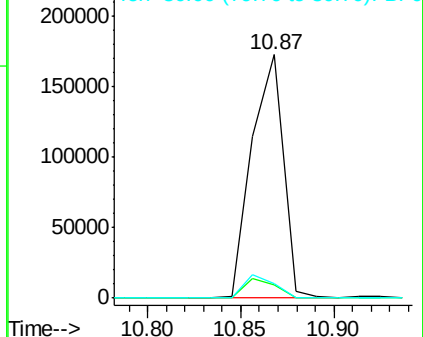
Tgt Ion:	188	Resp:	202719
Ion	Ratio	Lower	Upper
188	100		
94	5.6	11.1	16.7#
80	5.7	11.0	16.4#

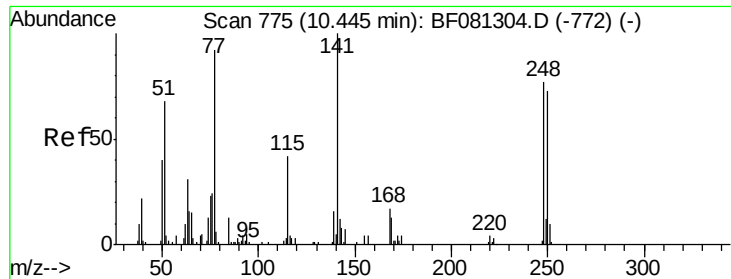


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.76 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF081389.D

Acq: 3 Sep 2015 21:51

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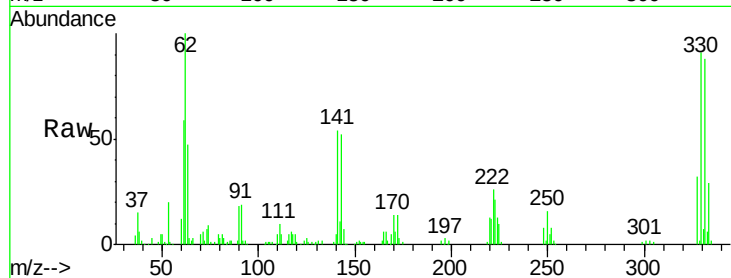
Tot Ion:248 Resp: 7704

Ion Ratio Lower Upper

248 100

250 196.3 78.5 117.7#

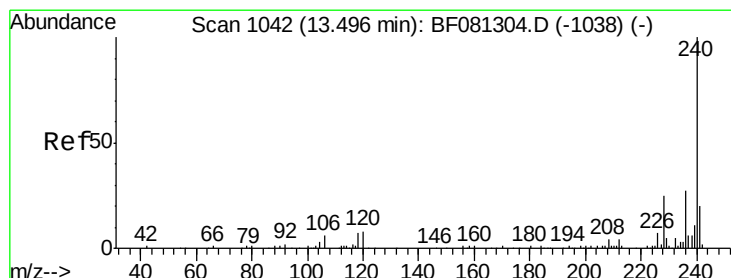
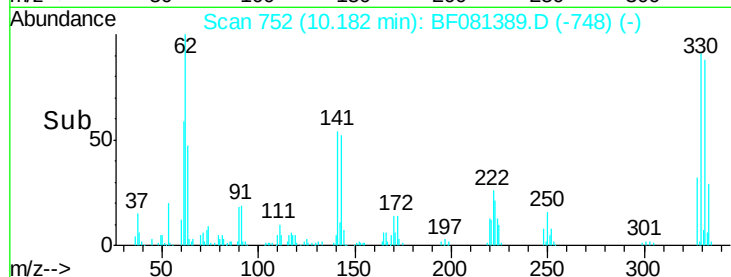
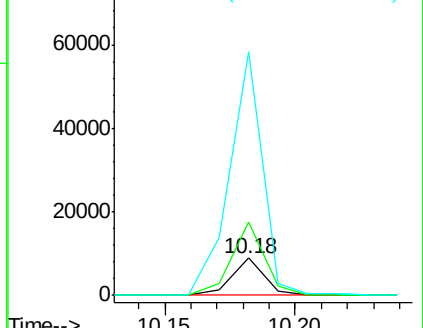
141 653.6 59.0 88.6#



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: BF081389.D

Acq: 3 Sep 2015 21:51

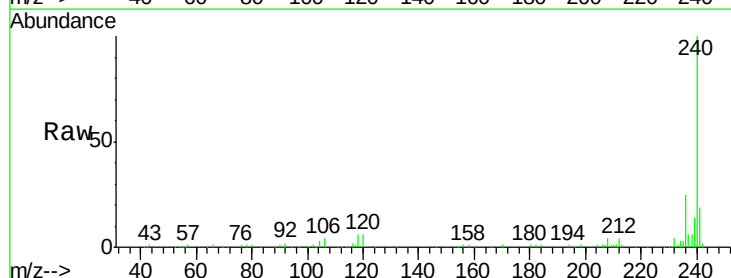
Tgt Ion:240 Resp: 151086

Ion Ratio Lower Upper

240 100

120 6.2 16.2 24.2#

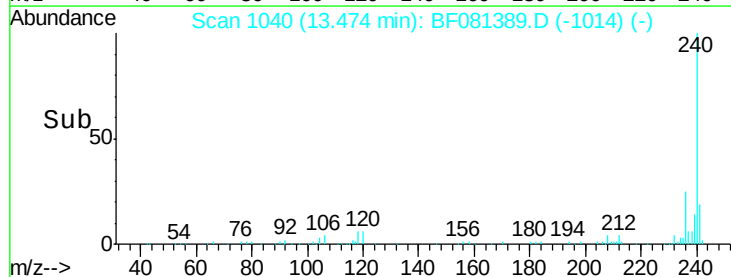
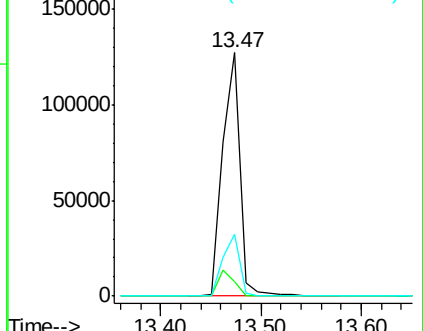
236 25.5 18.4 27.6

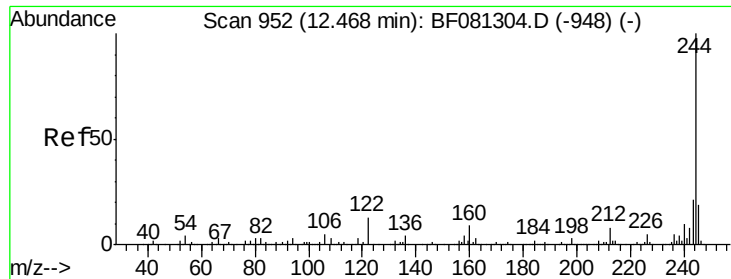


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

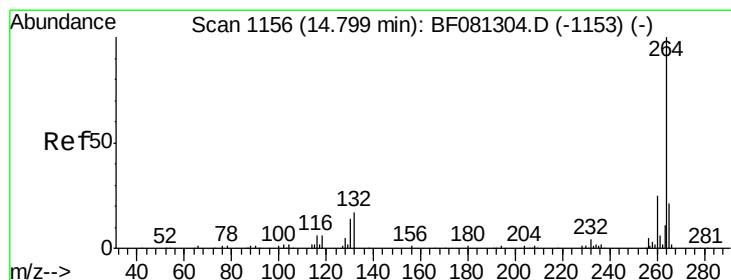
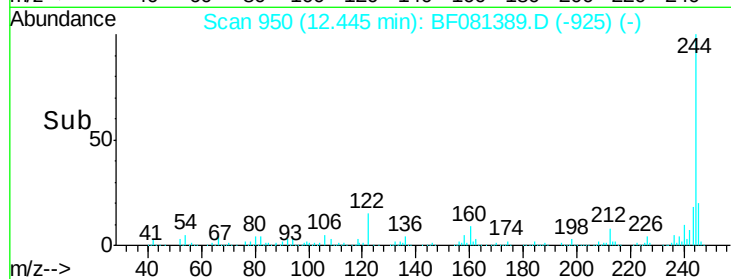
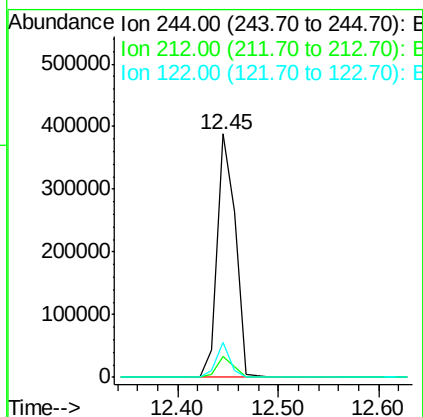
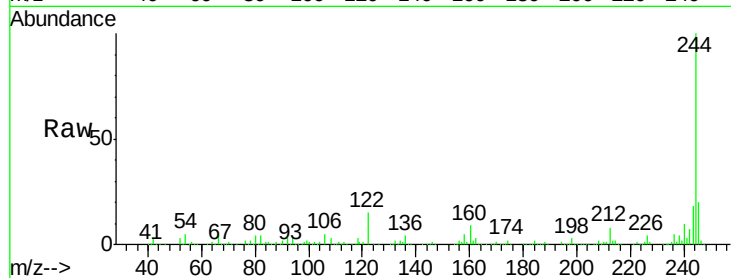




#78
 Terphenyl-d14
 Concen: 74.56 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081389.D
 Acq: 3 Sep 2015 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(8-9)

Tot Ion:244 Resp: 483903
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.3 6.5#
 122 14.5 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: BF081389.D
 Acq: 3 Sep 2015 21:51

Tgt Ion:264 Resp: 98561
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.8 17.2 25.8

