

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081984.D
 Acq On : 2 Oct 2015 17:34
 Operator : UM/IZ
 Sample : PB85875BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BL

Quant Time: Oct 05 06:32:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

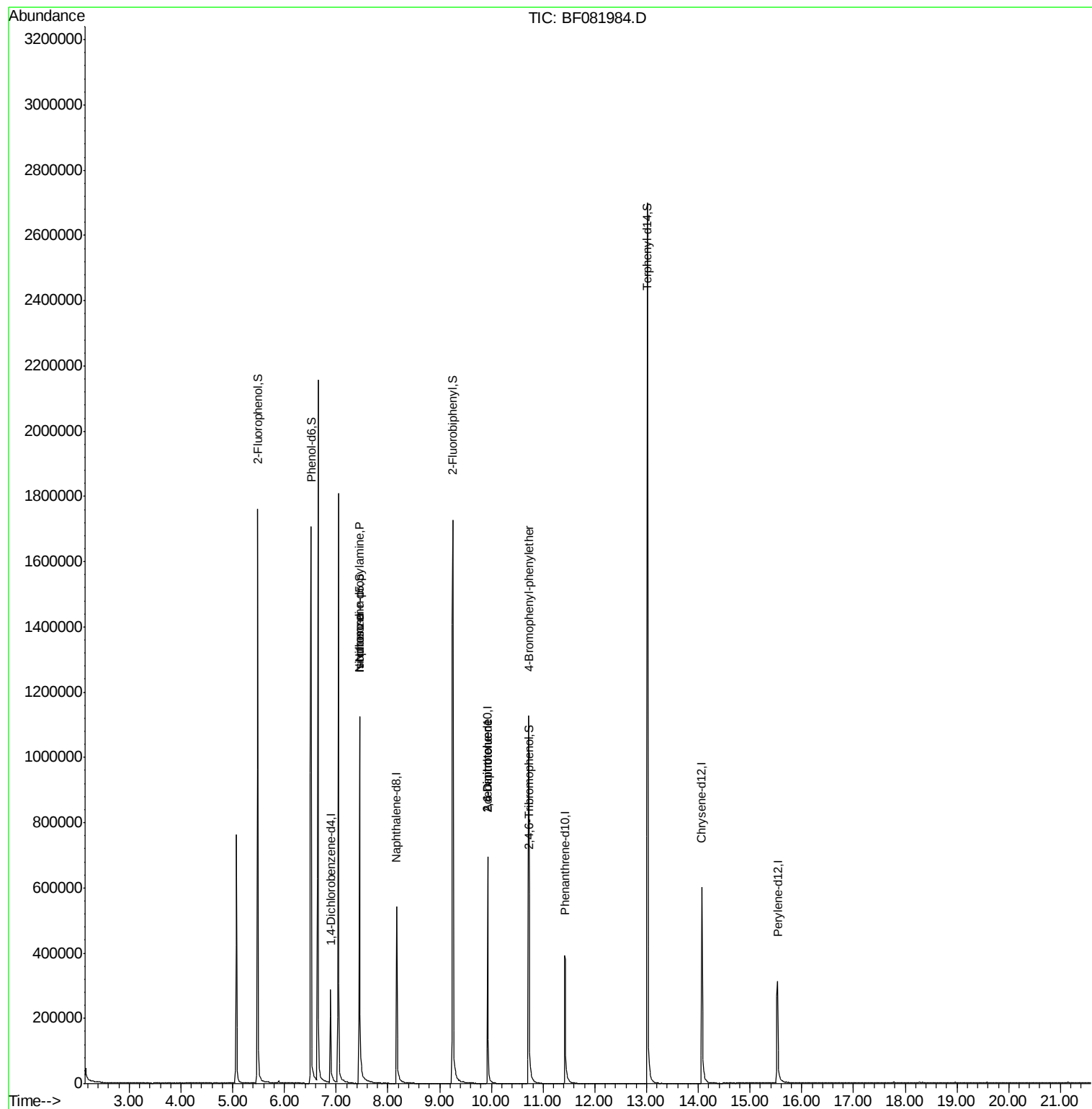
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	79987	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	326573	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	160667	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	306404	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	314684	20.00	ng	-0.05
86) Perylene-d12	15.53	264	234079	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	608174	138.03	ng	-0.03
7) Phenol-d6	6.51	99	789307	142.36	ng	-0.05
23) Nitrobenzene-d5	7.45	82	450847	92.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	192254	118.15	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	944622	102.42	ng	-0.05
78) Terphenyl-d14	13.02	244	1011185	114.50	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	55747	16.54	ng	# 58
25) Isophorone	7.45	82	401656	41.36	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	19275	8.01	ng	# 37
56) 2,4-Dinitrotoluene	9.93	165	19484	6.35	ng	# 31
57) Fluorene	10.72	166	7214	Below Cal		# 85
66) 4-Bromophenyl-phenylether	10.72	248	11861	3.84	ng	# 1
73) Di-n-butylphthalate	11.99	149	387	Below Cal		# 78

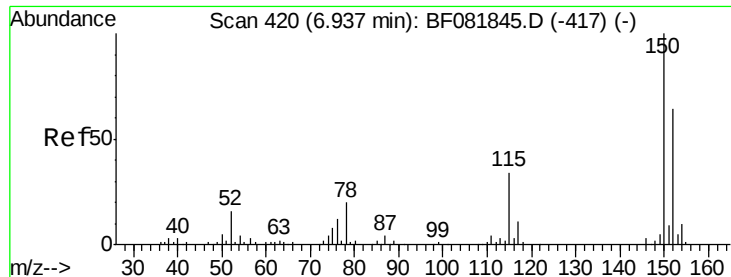
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF081984.D
Acq On : 2 Oct 2015 17:34
Operator : UM/IZ
Sample : PB85875BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85875BL

Quant Time: Oct 05 06:32:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081984.D

Acq: 2 Oct 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85875BL

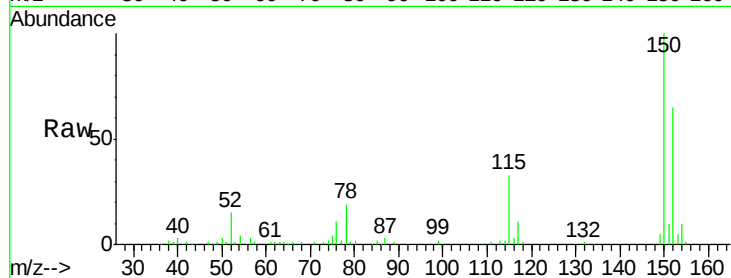
Tgt Ion:152 Resp: 79987

Ion Ratio Lower Upper

152 100

150 153.1 124.7 187.1

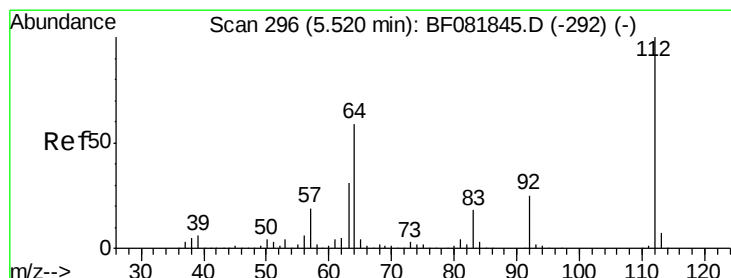
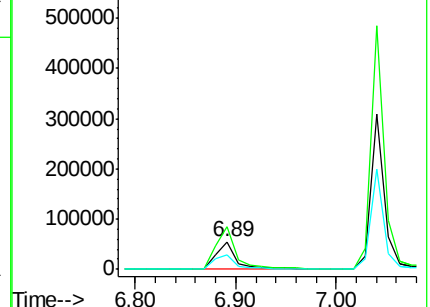
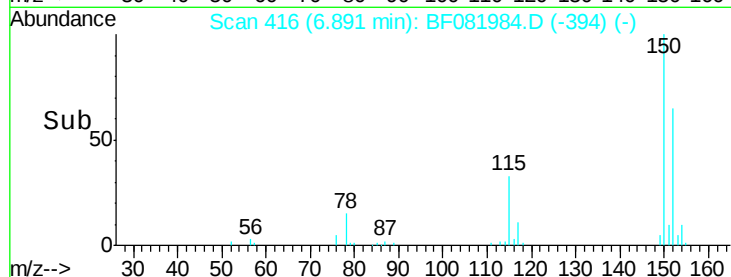
115 51.1 39.0 58.4



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: 138.03 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081984.D

Acq: 2 Oct 2015 17:34

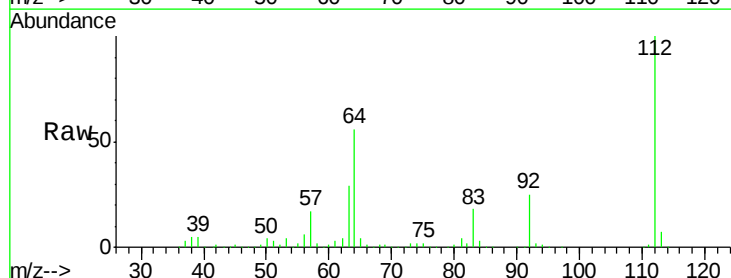
Tgt Ion:112 Resp: 608174

Ion Ratio Lower Upper

112 100

64 55.6 39.7 59.5

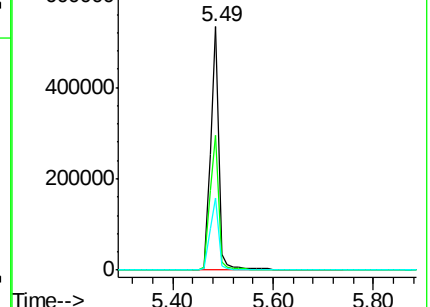
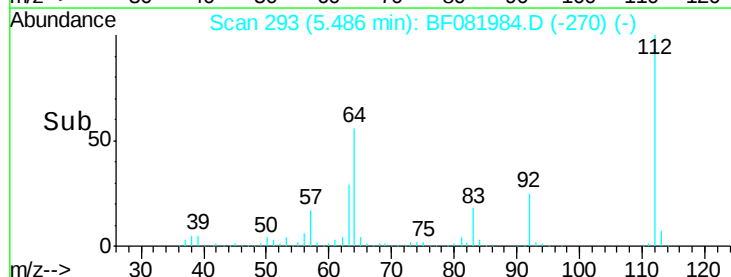
63 29.4 17.4 26.0#

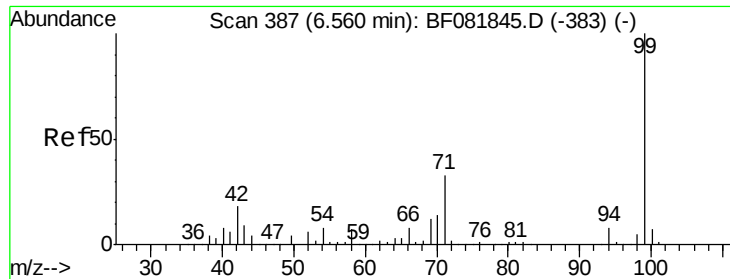


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.36 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081984.D

Acq: 2 Oct 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85875BL

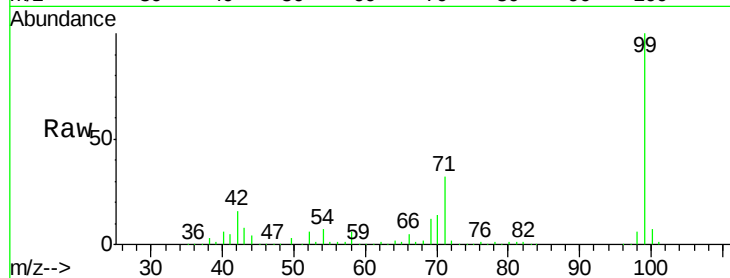
Tgt Ion: 99 Resp: 789307

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

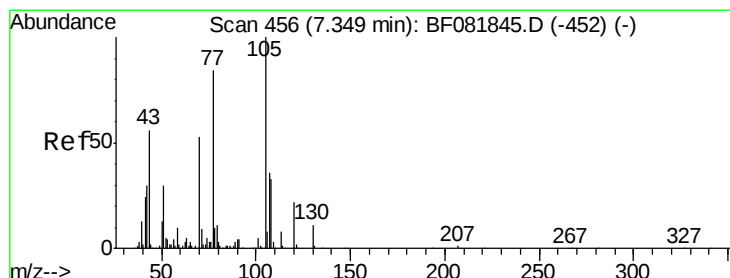
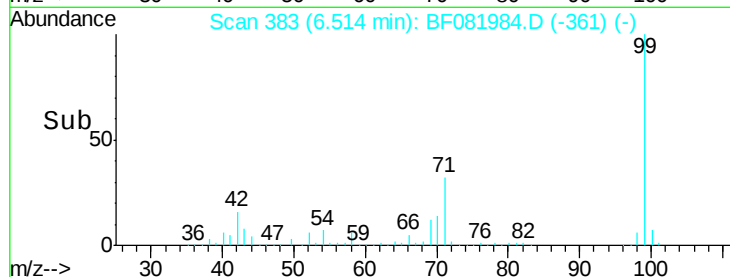
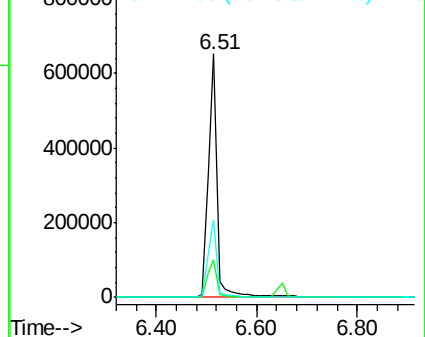
71 31.8 14.2 21.2#



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: 16.54 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081984.D

Acq: 2 Oct 2015 17:34

Tgt Ion: 70 Resp: 55747

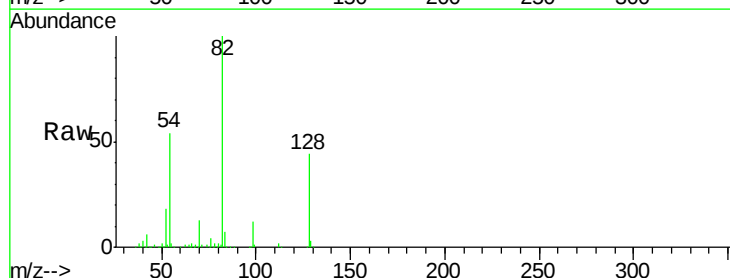
Ion Ratio Lower Upper

70 100

42 46.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

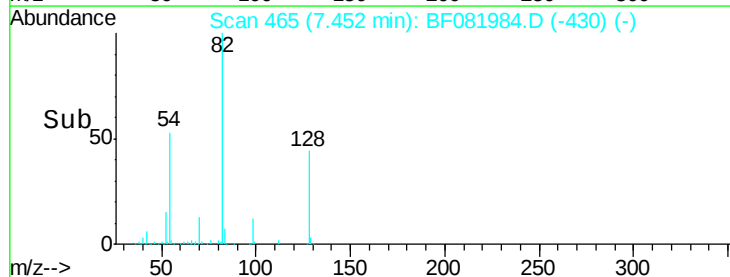
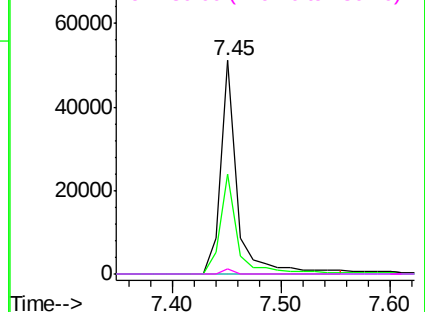


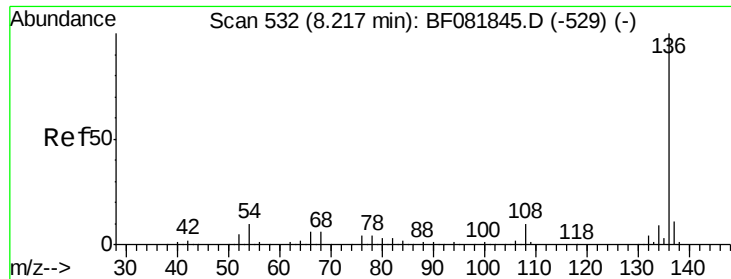
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

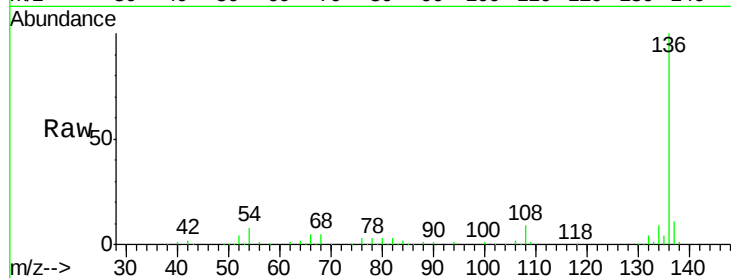




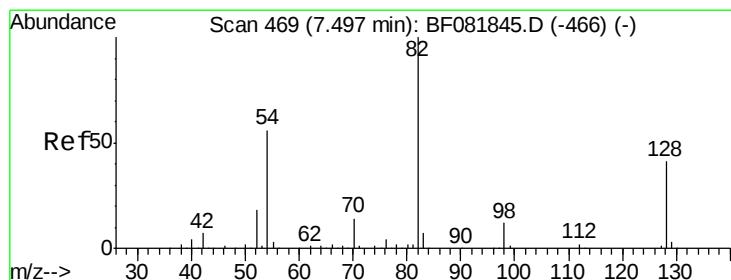
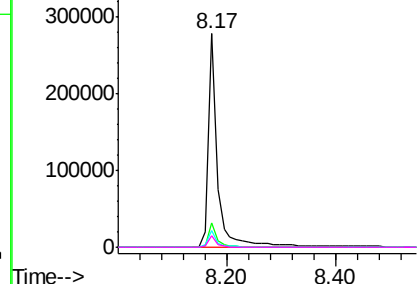
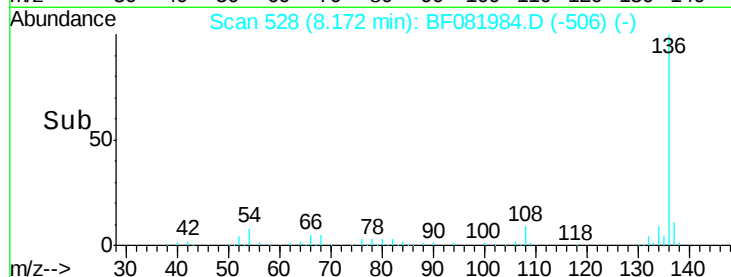
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85875BL

Tgt Ion:	136	Resp:	326573
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.1	8.2	12.2#
68	5.2	5.8	8.6#

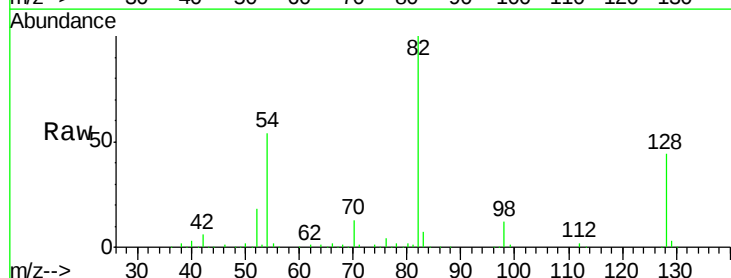


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

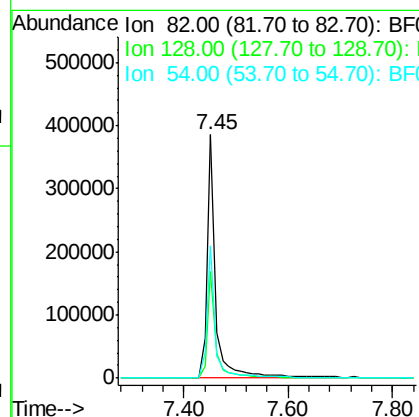
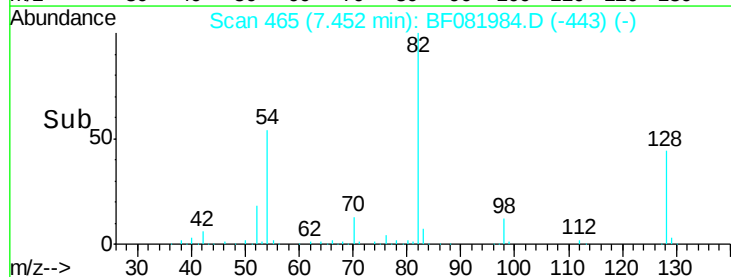


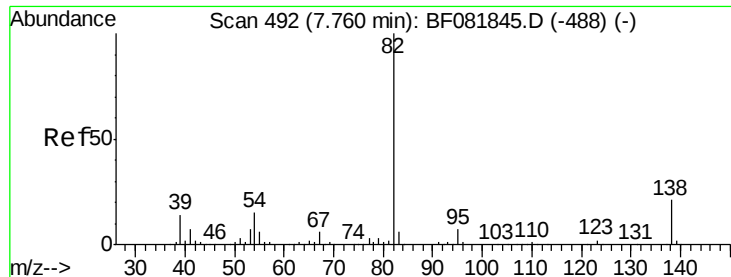
#23
Nitrobenzene-d5
Concen: 92.03 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

Tgt Ion:	82	Resp:	450847
Ion	Ratio	Lower	Upper
82	100		
128	43.8	51.0	76.6#
54	54.1	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

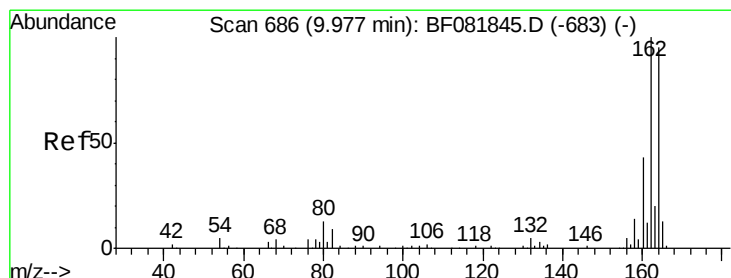
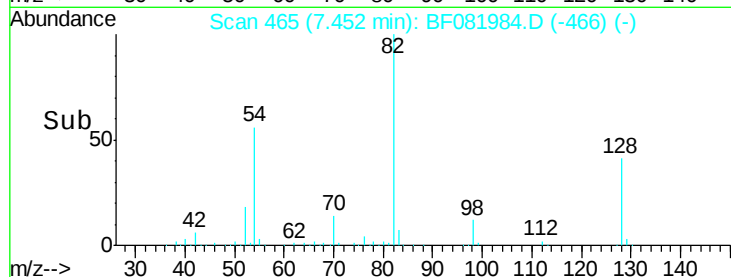
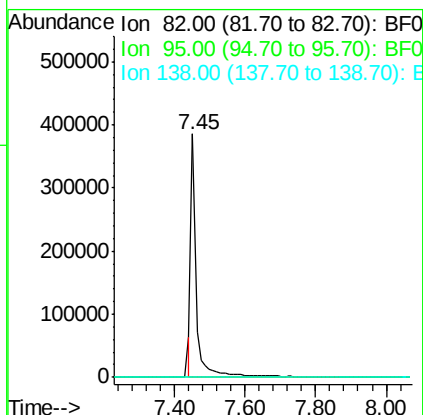
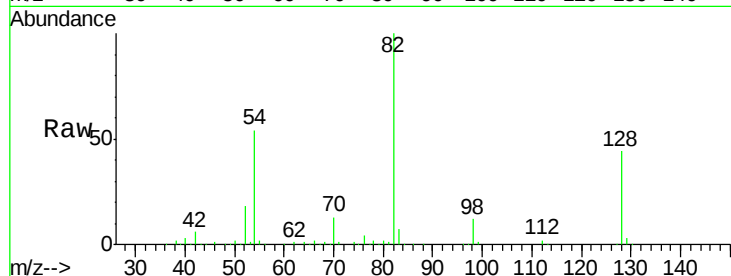




#25
Isophorone
Concen: 41.36 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

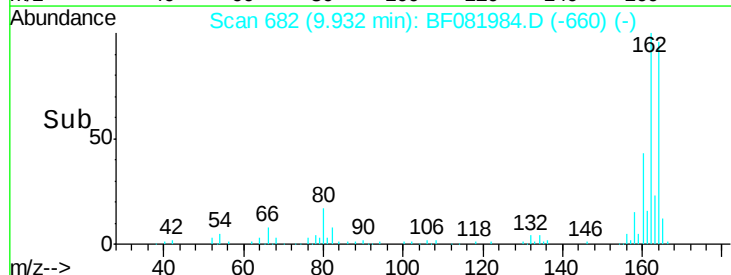
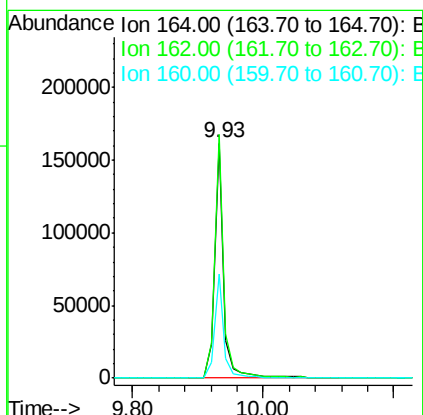
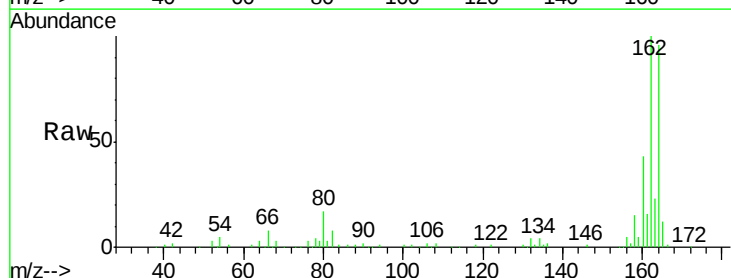
Instrument :
BNA_F
ClientSampleId :
PB85875BL

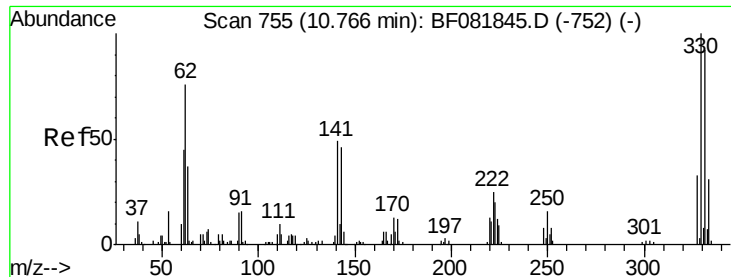
Tgt Ion: 82 Resp: 401656
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

Tgt Ion: 164 Resp: 160667
Ion Ratio Lower Upper
164 100
162 103.8 75.2 112.8
160 44.3 31.5 47.3

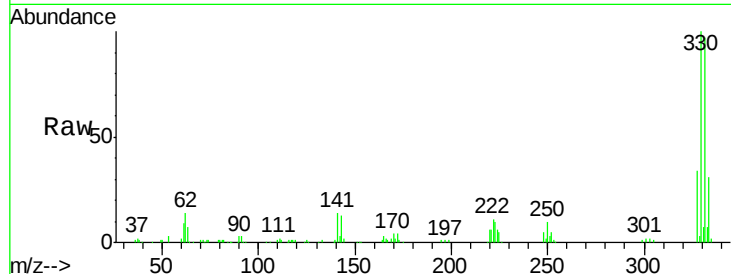




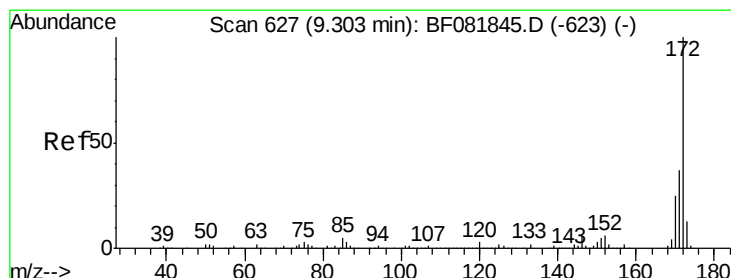
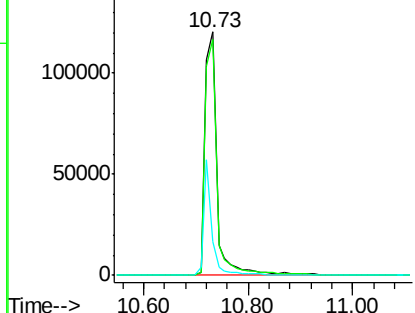
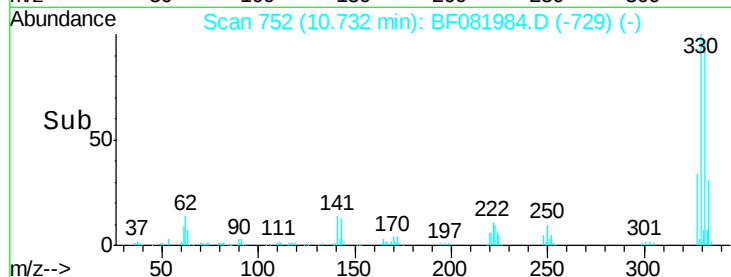
#41
 2,4,6-Tribromophenol
 Concen: 118.15 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081984.D
 Acq: 2 Oct 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BL

Tgt Ion:330 Resp: 192254
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 32.9 29.7 44.5

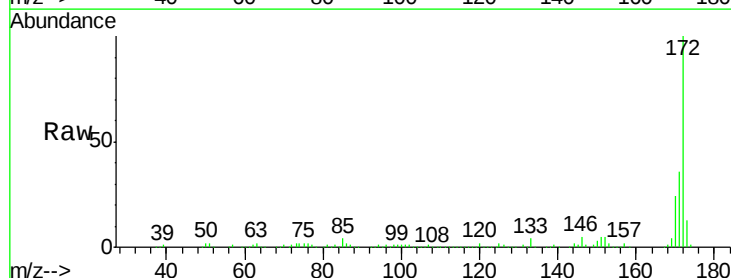


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

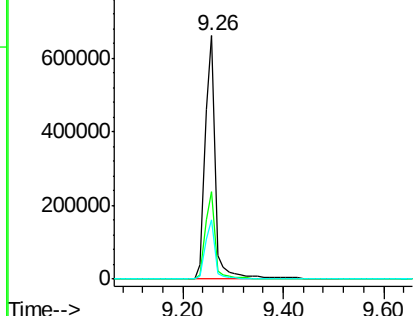
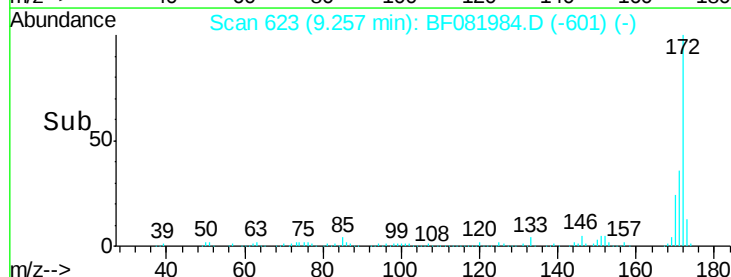


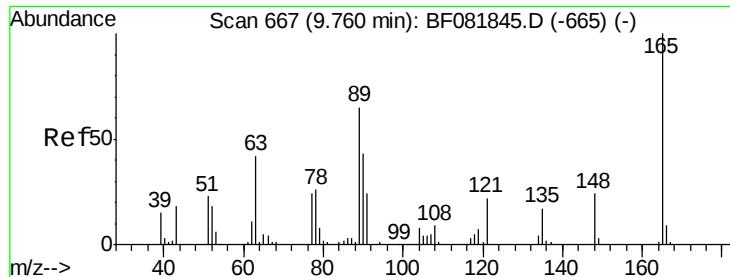
#44
 2-Fluorobiphenyl
 Concen: 102.42 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081984.D
 Acq: 2 Oct 2015 17:34

Tgt Ion:172 Resp: 944622
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.1 17.4 26.2



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

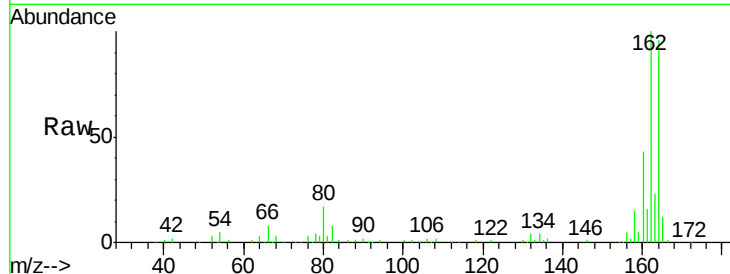




#50
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85875BL

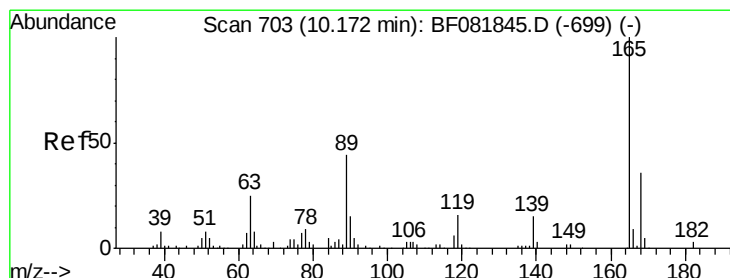
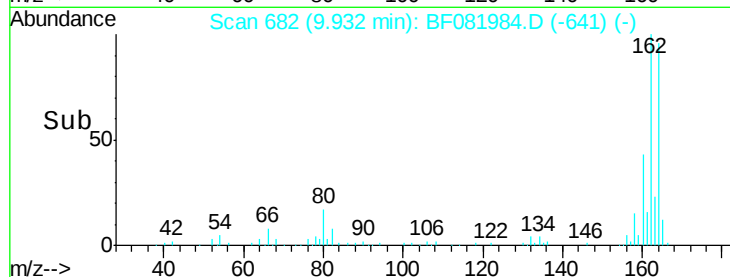
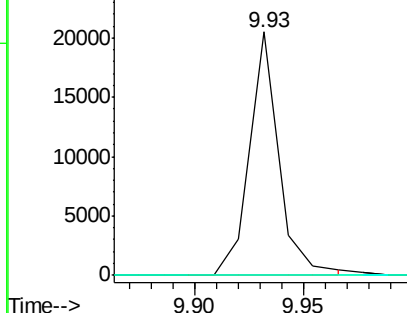
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.35 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

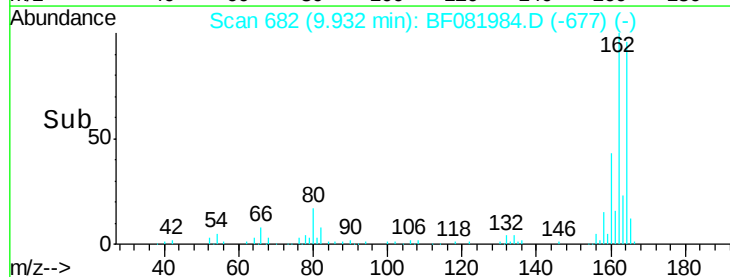
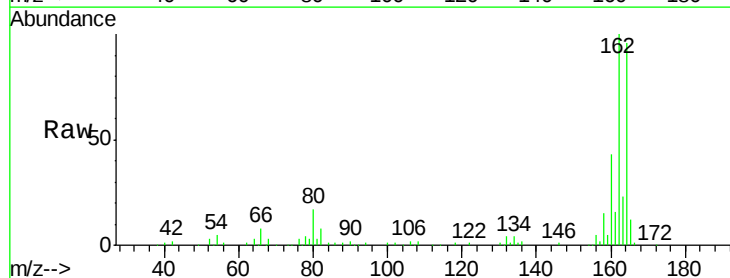
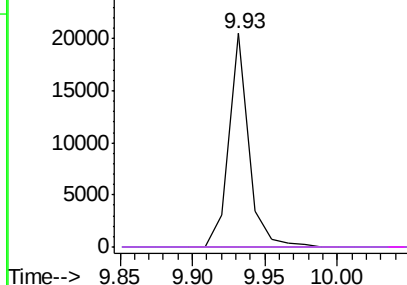
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

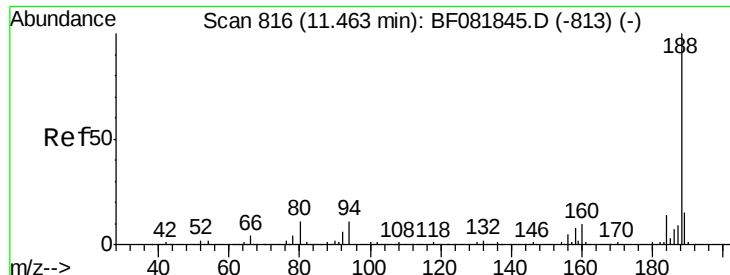
Abundance Ion 165.00 (164.70 to 165.70): E

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

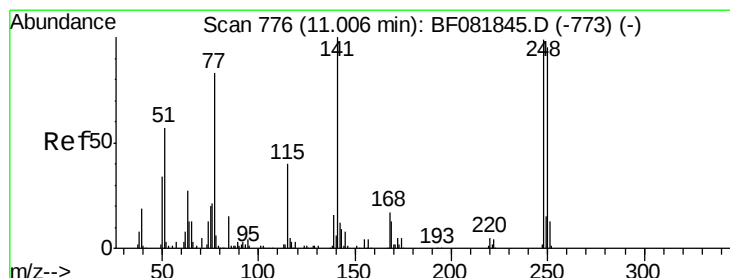
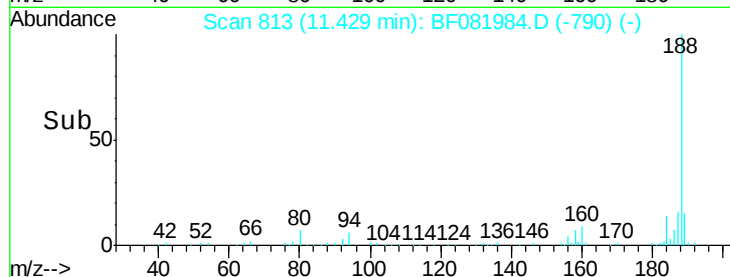
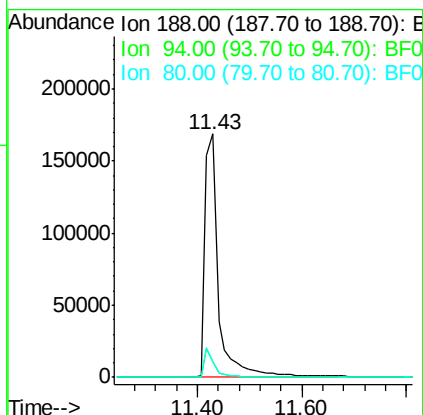
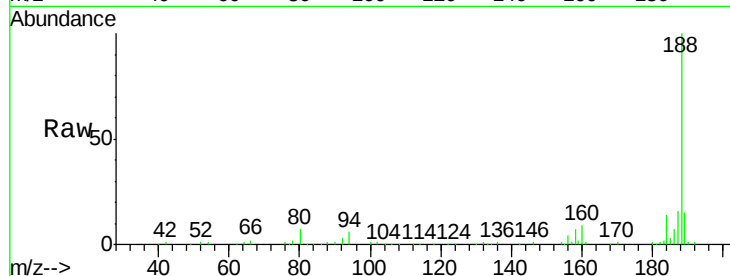




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF081984.D
 Acq: 2 Oct 2015 17:34

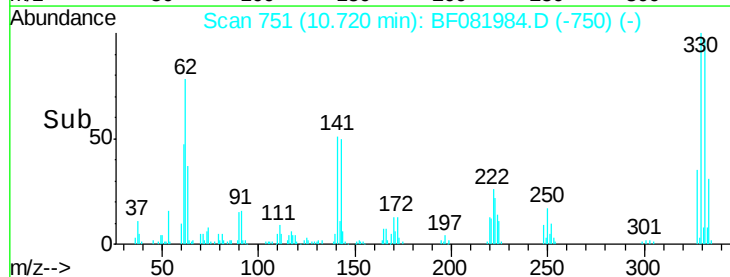
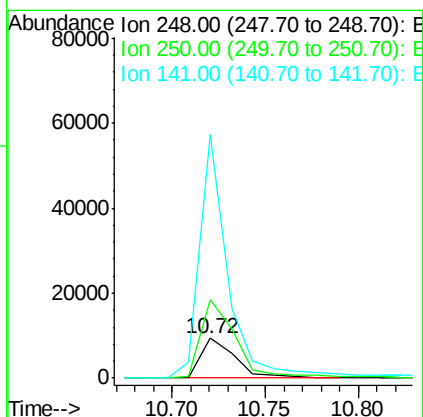
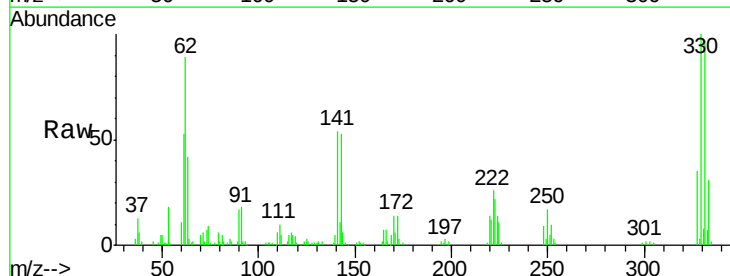
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BL

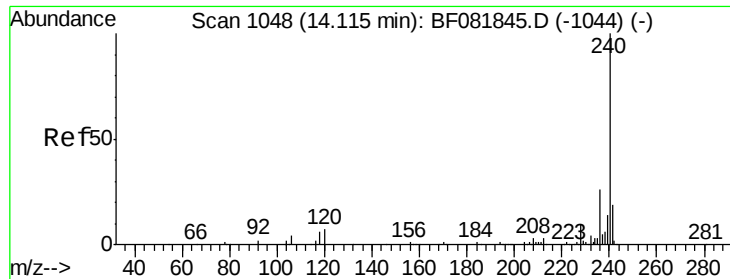
Tgt Ion:188 Resp: 306404
 Ion Ratio Lower Upper
 188 100
 94 6.5 11.1 16.7#
 80 6.7 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.84 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081984.D
 Acq: 2 Oct 2015 17:34

Tgt Ion:248 Resp: 11861
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.5 117.7#
 141 615.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081984.D

Acq: 2 Oct 2015 17:34

Instrument :

BNA_F

ClientSampleId :

PB85875BL

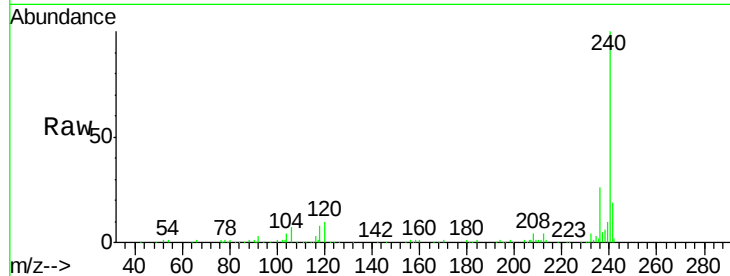
Tgt Ion:240 Resp: 314684

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

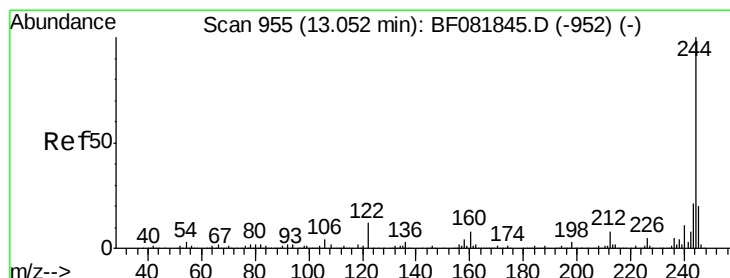
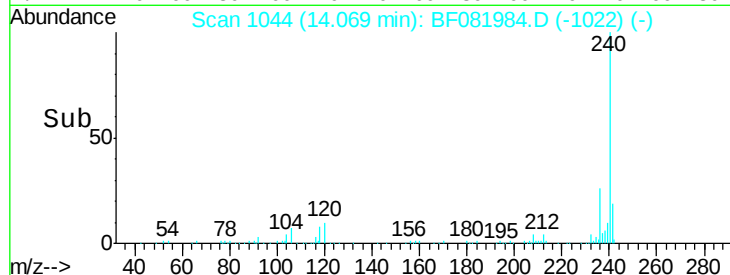
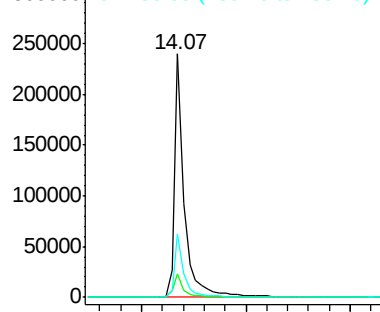
236 25.7 18.4 27.6



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: 114.50 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081984.D

Acq: 2 Oct 2015 17:34

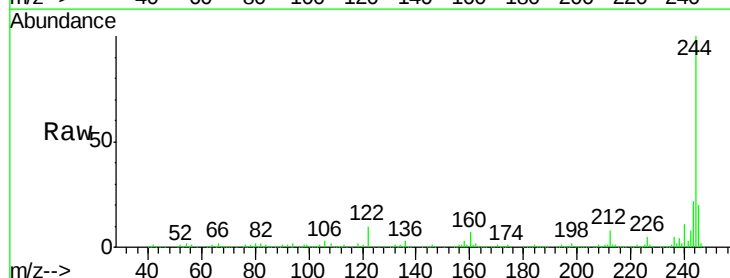
Tgt Ion:244 Resp: 1011185

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

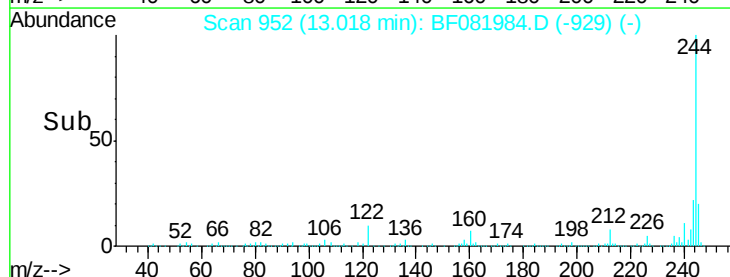
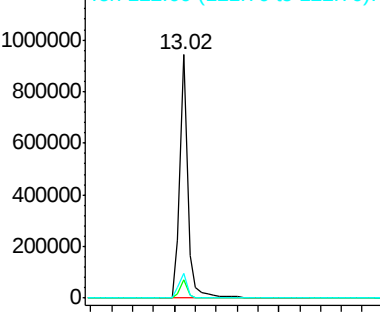
122 10.0 17.4 26.2#

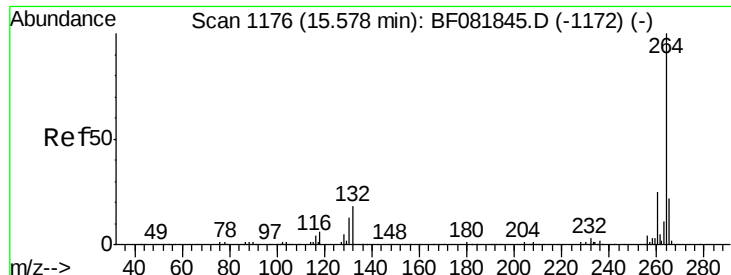


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081984.D
Acq: 2 Oct 2015 17:34

Instrument :
BNA_F
ClientSampleId :
PB85875BL

Tgt Ion: 264 Resp: 234079
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 21.3 17.2 25.8

