

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081985.D
 Acq On : 2 Oct 2015 18:04
 Operator : UM/IZ
 Sample : PB85878BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85878BL

Quant Time: Oct 05 06:32:34 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

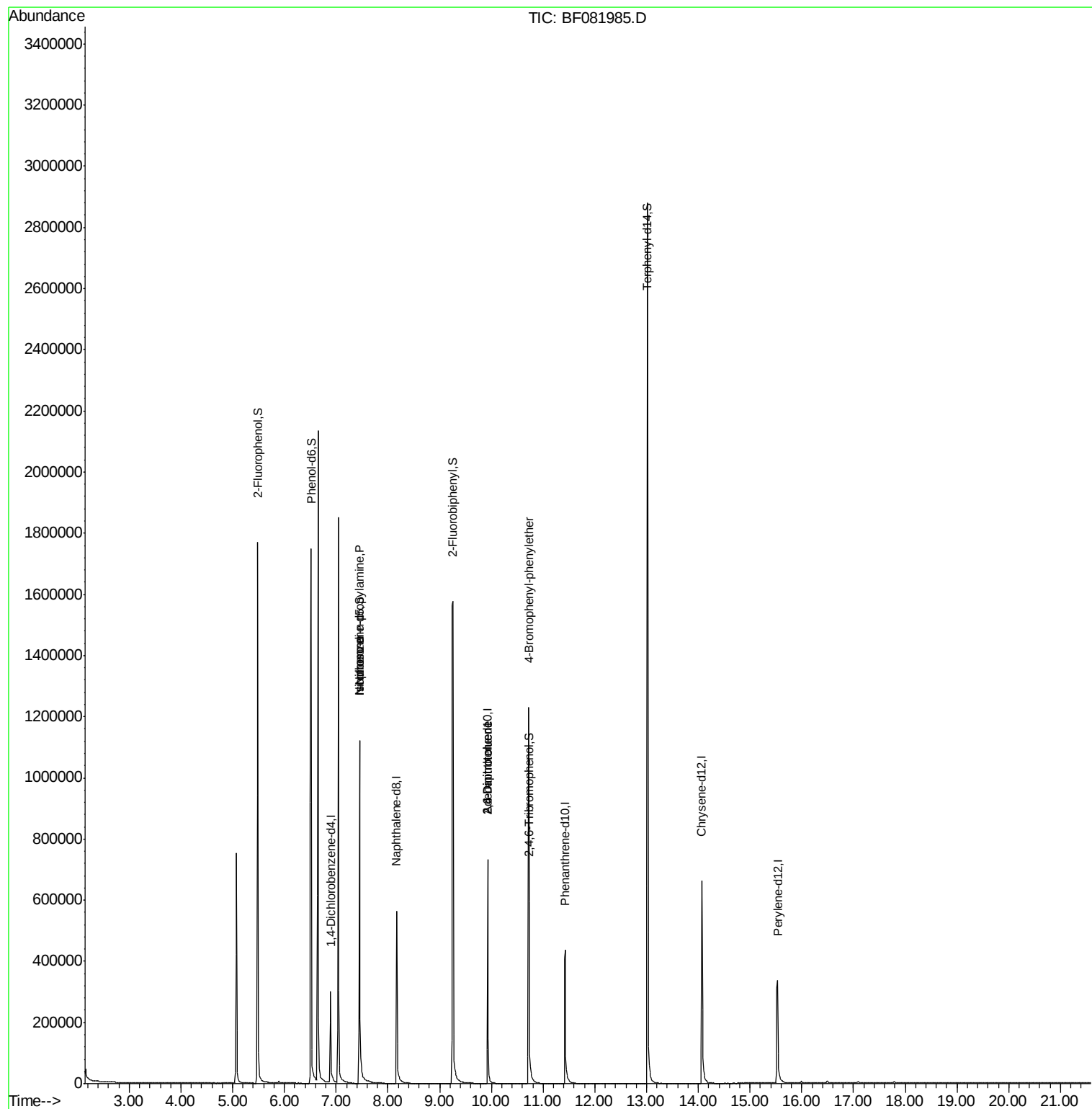
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81266	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	334419	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	170651	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	331771	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	347900	20.00	ng	-0.05
86) Perylene-d12	15.53	264	255790	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	606238	135.42	ng	-0.03
7) Phenol-d6	6.51	99	794759	141.09	ng	-0.05
23) Nitrobenzene-d5	7.45	82	450330	89.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	204888	118.55	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	945179	94.79	ng	-0.05
78) Terphenyl-d14	13.02	244	1034180	101.30	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	54623	15.95	ng	# 58
25) Isophorone	7.45	82	410042	41.24	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	20220	7.91	ng	# 37
56) 2,4-Dinitrotoluene	9.93	165	20494	6.29	ng	# 31
57) Fluorene	10.72	166	7488	Below Cal		# 82
66) 4-Bromophenyl-phenylether	10.72	248	12482	3.73	ng	# 1
73) Di-n-butylphthalate	11.99	149	317	Below Cal		# 78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081985.D

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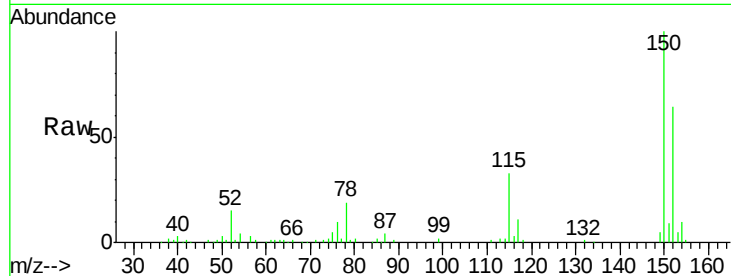
Tgt Ion:152 Resp: 81266

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

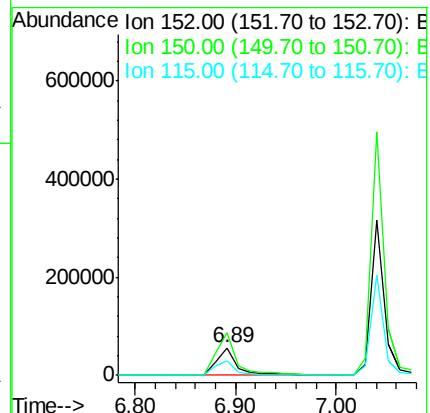
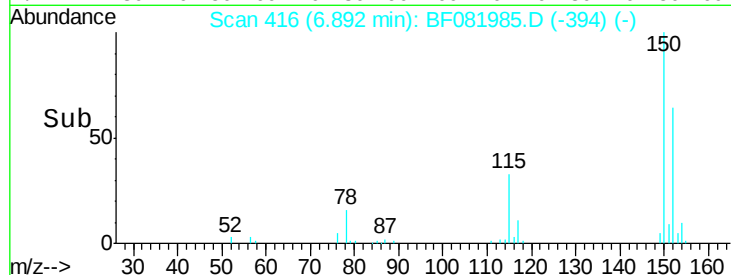
115 51.9 39.0 58.4



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: 135.42 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081985.D

Acq: 2 Oct 2015 18:04

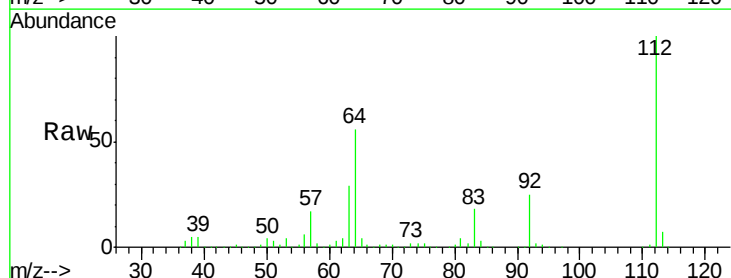
Tgt Ion:112 Resp: 606238

Ion Ratio Lower Upper

112 100

64 56.0 39.7 59.5

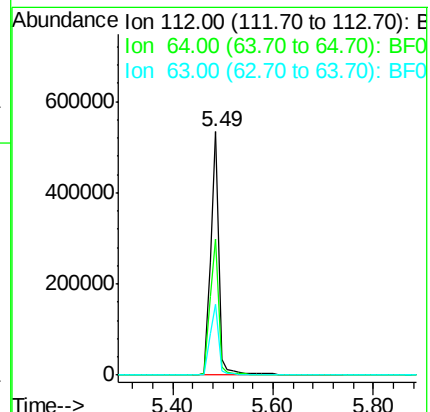
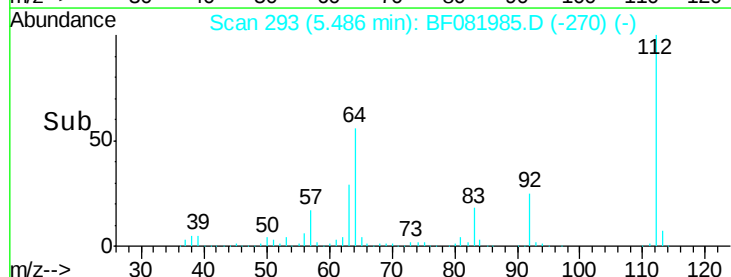
63 29.3 17.4 26.0#

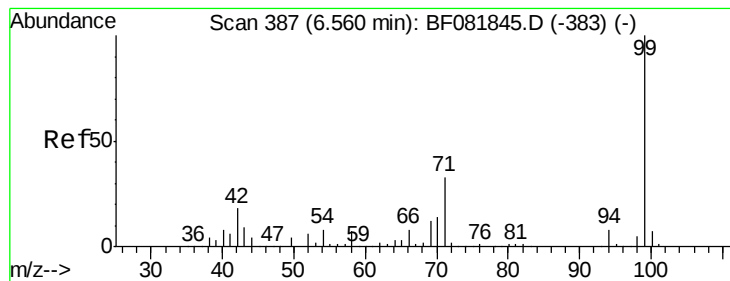


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.09 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081985.D

Acq: 2 Oct 2015 18:04

Instrument :

BNA_F

ClientSampleId :

PB85878BL

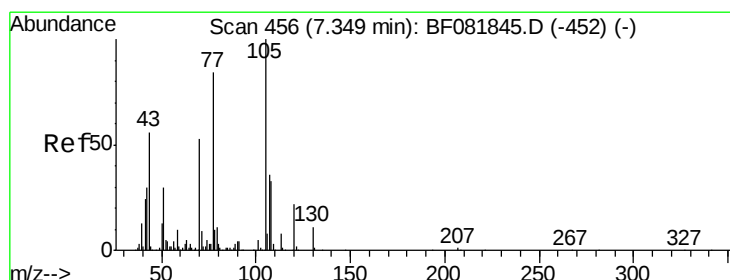
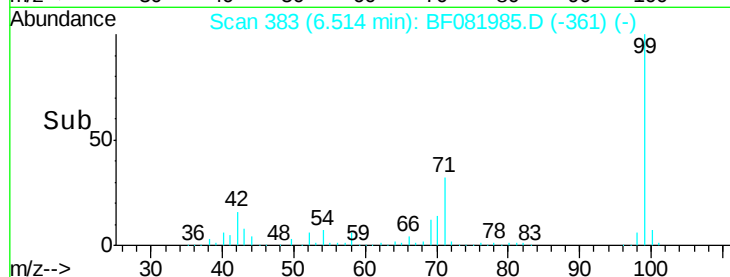
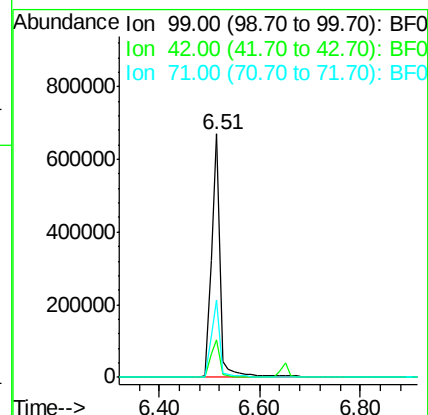
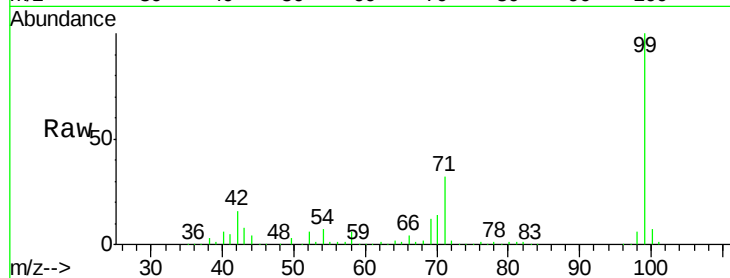
Tgt Ion: 99 Resp: 794759

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

71 31.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.95 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081985.D

Acq: 2 Oct 2015 18:04

Tgt Ion: 70 Resp: 54623

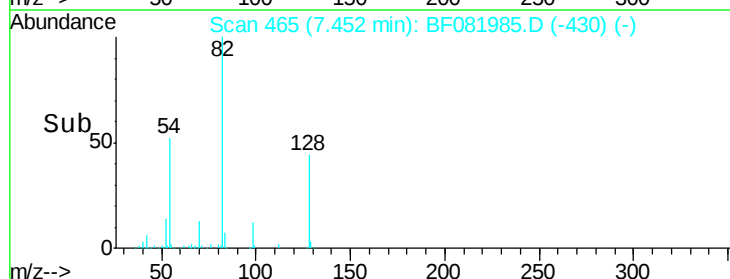
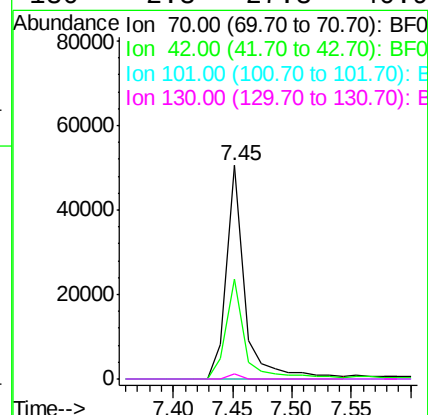
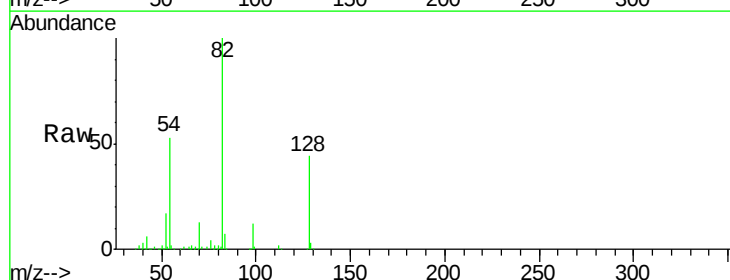
Ion Ratio Lower Upper

70 100

42 46.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

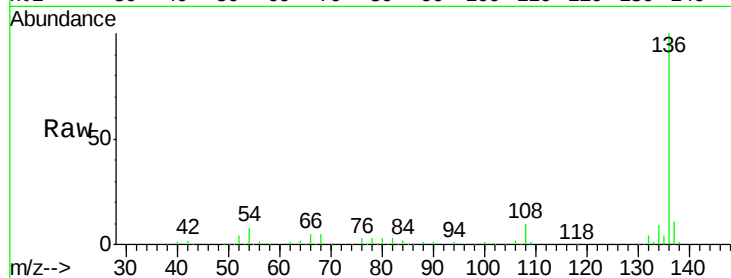




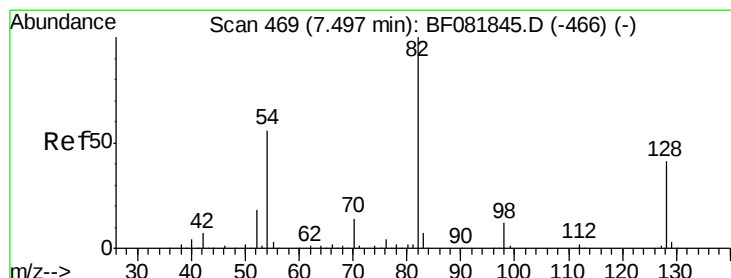
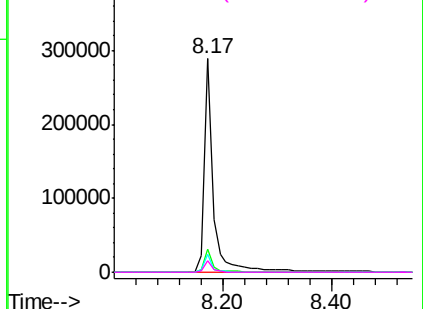
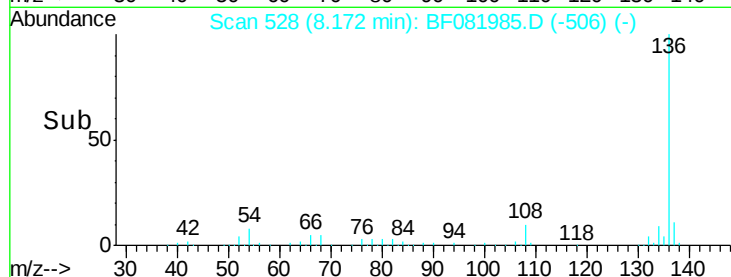
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081985.D
Acq: 2 Oct 2015 18:04

Instrument :
BNA_F
ClientSampleId :
PB85878BL

Tgt Ion: 136 Resp: 334419
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.2 8.2 12.2
68 5.3 5.8 8.6#

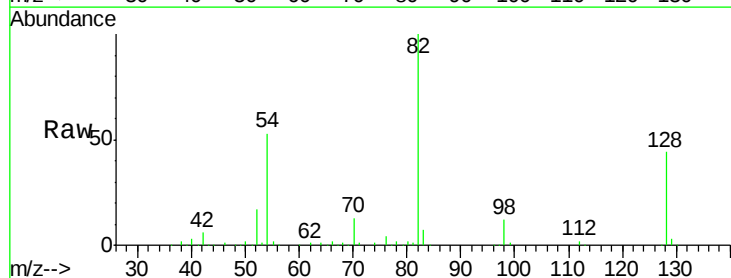


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

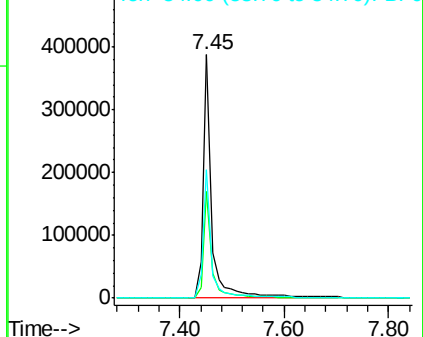
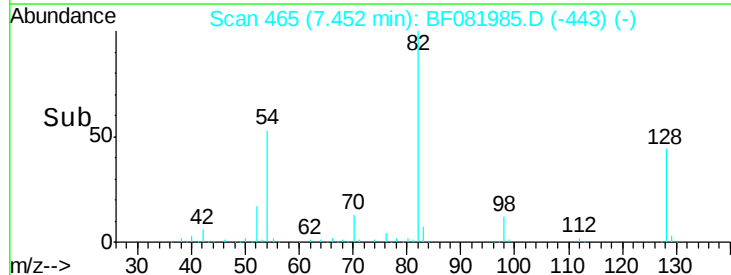


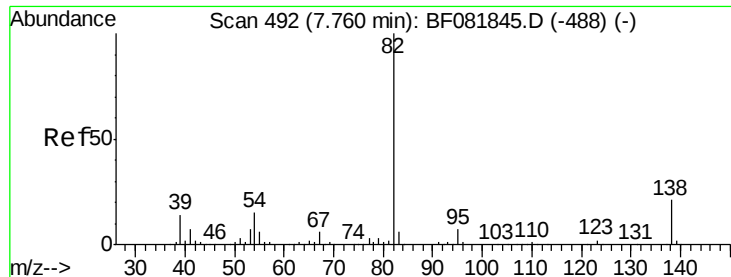
#23
Nitrobenzene-d5
Concen: 89.76 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081985.D
Acq: 2 Oct 2015 18:04

Tgt Ion: 82 Resp: 450330
Ion Ratio Lower Upper
82 100
128 44.0 51.0 76.6#
54 52.8 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

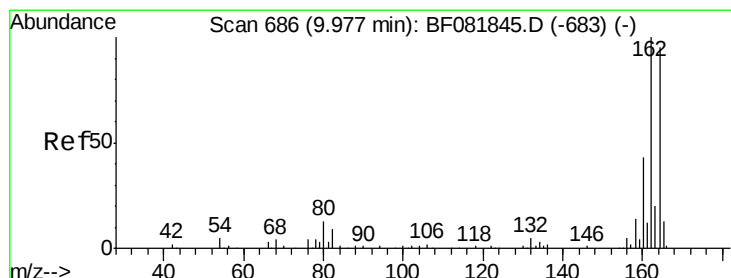
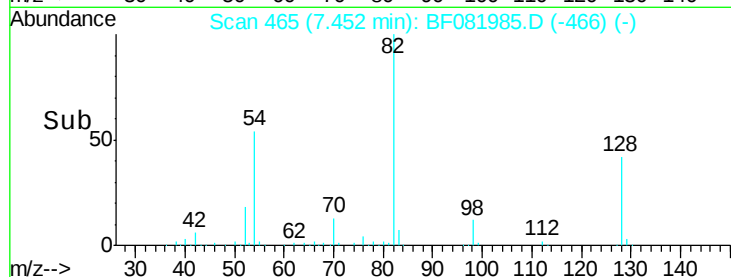
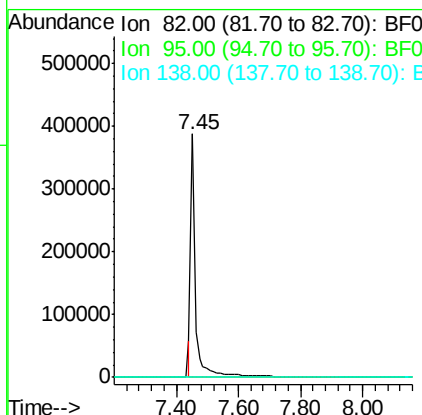
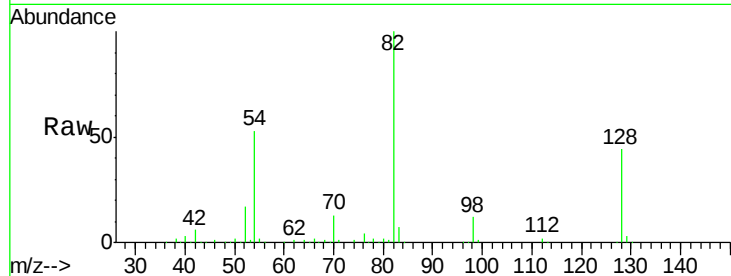




#25
Isophorone
Concen: 41.24 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF081985.D
Acq: 2 Oct 2015 18:04

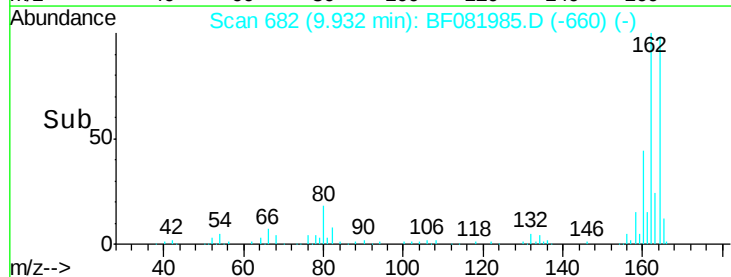
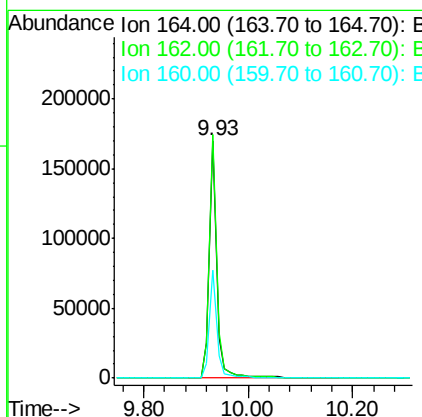
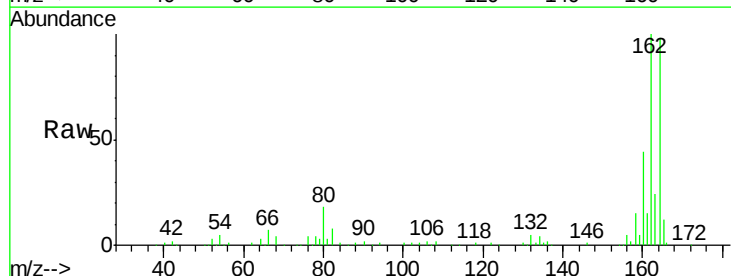
Instrument :
BNA_F
ClientSampleId :
PB85878BL

Tgt Ion: 82 Resp: 410042
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: BF081985.D
Acq: 2 Oct 2015 18:04

Tgt Ion: 164 Resp: 170651
Ion Ratio Lower Upper
164 100
162 102.5 75.2 112.8
160 45.3 31.5 47.3

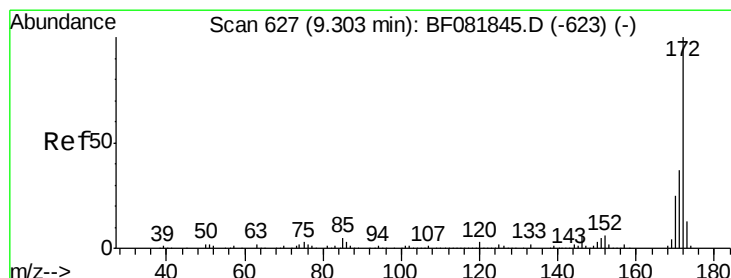
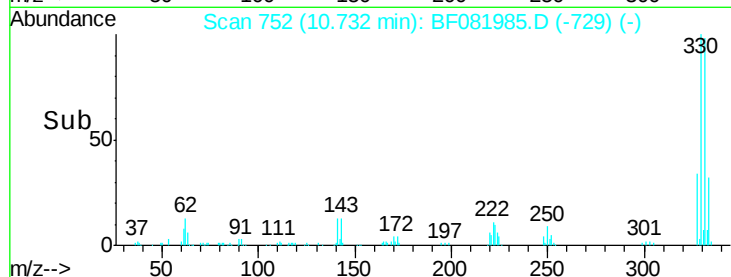
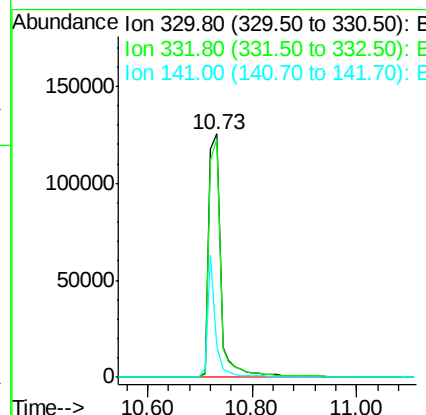
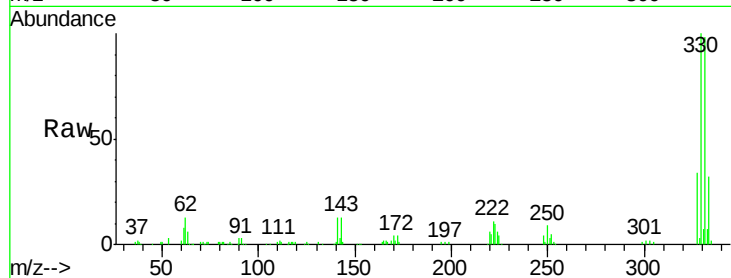




#41
 2,4,6-Tribromophenol
 Concen: 118.55 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081985.D
 Acq: 2 Oct 2015 18:04

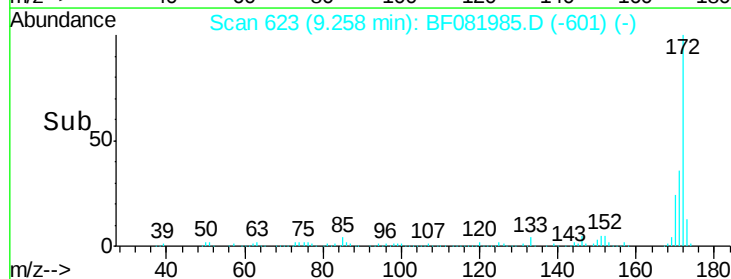
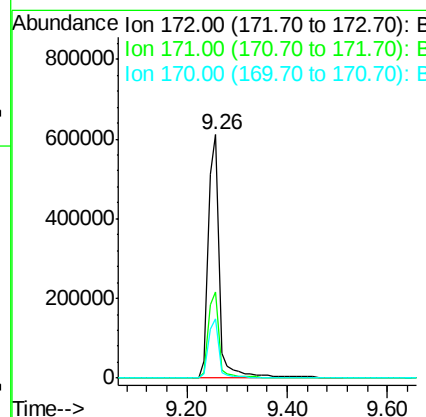
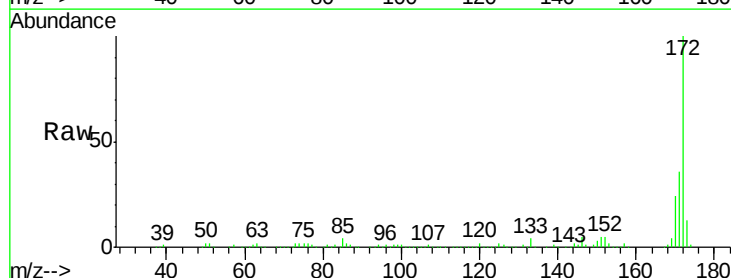
Instrument :
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 ClientSampleId :
 PB85878BL

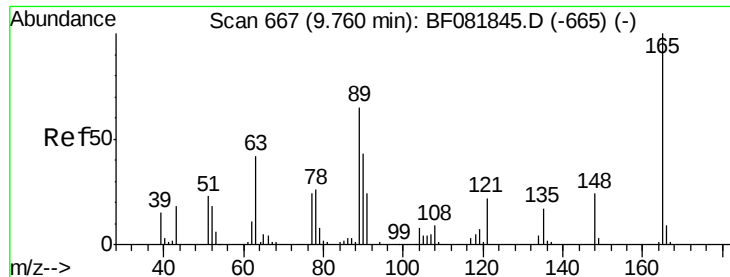
Tgt Ion:330 Resp: 204888
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 94.79 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081985.D
 Acq: 2 Oct 2015 18:04

Tgt Ion:172 Resp: 945179
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.2 17.4 26.2

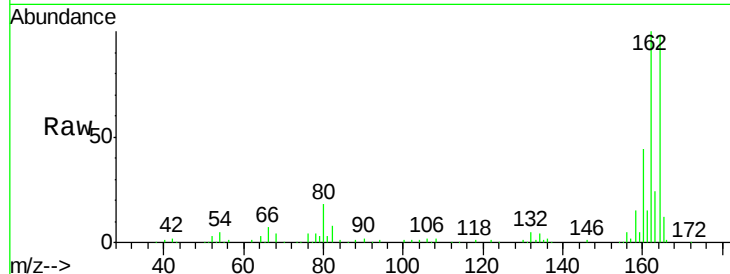




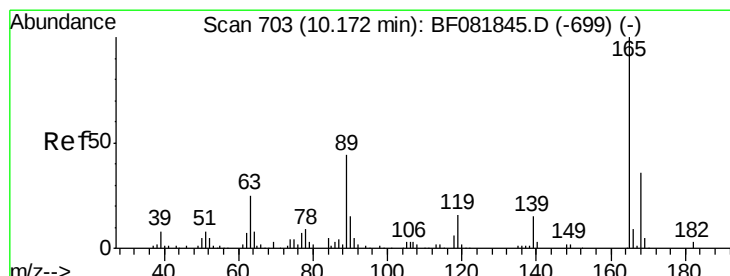
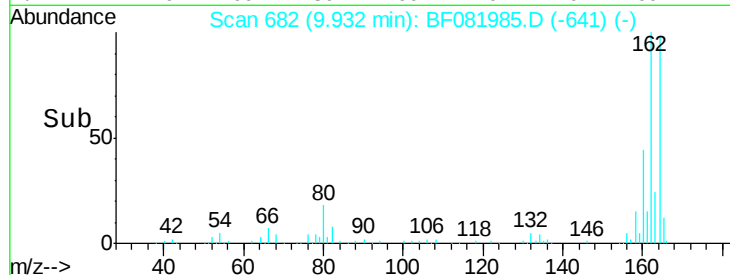
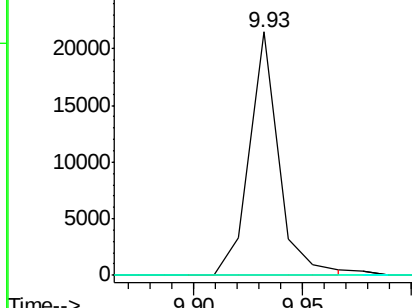
#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081985.D
 Acq: 2 Oct 2015 18:04

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



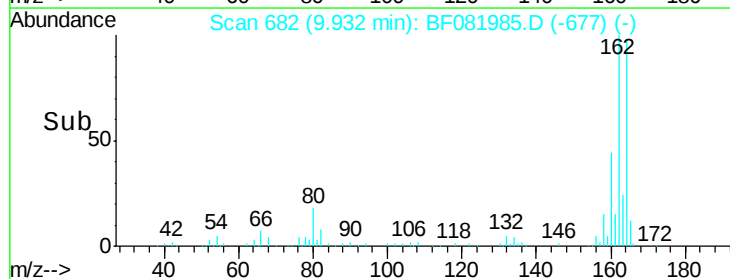
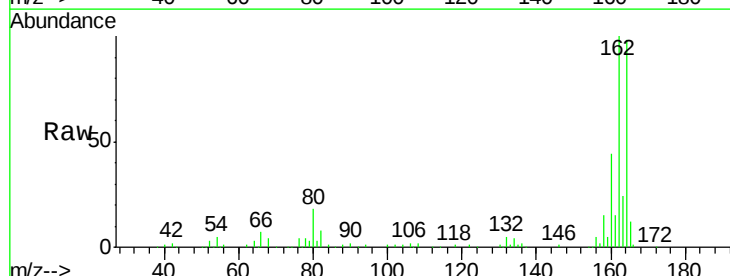
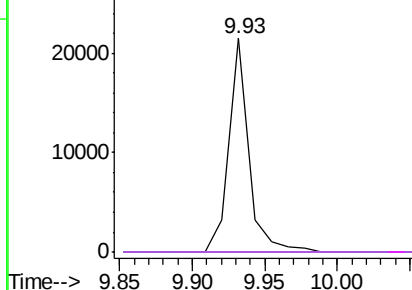
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

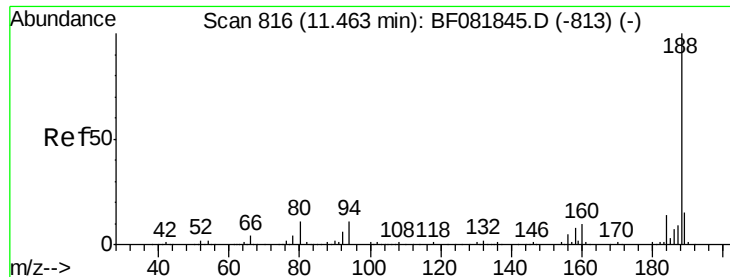


#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081985.D
 Acq: 2 Oct 2015 18:04

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

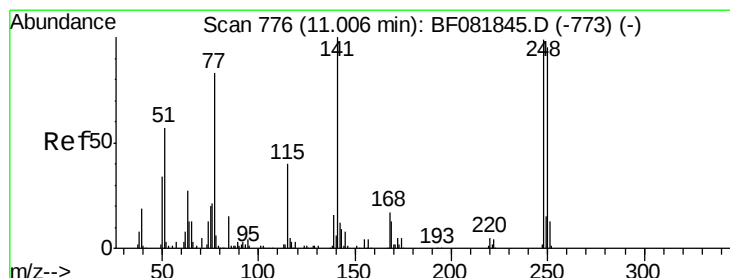
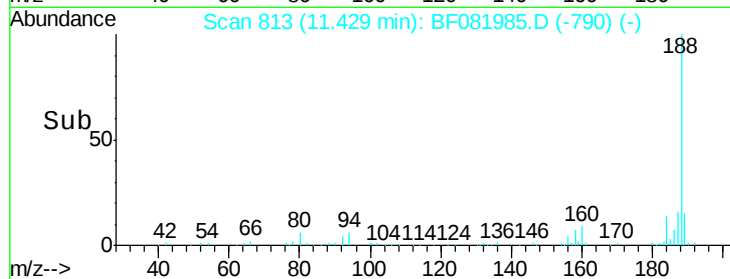
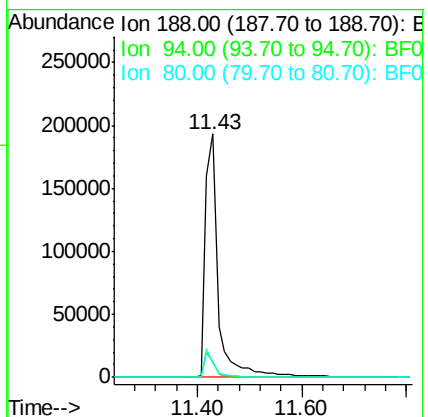
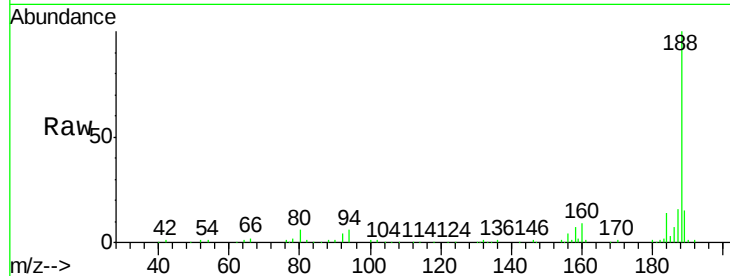




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081985.D
Acq: 2 Oct 2015 18:04

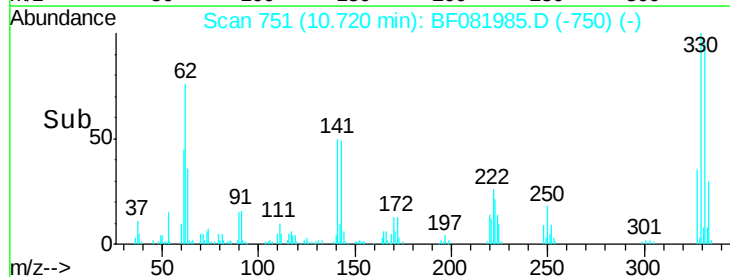
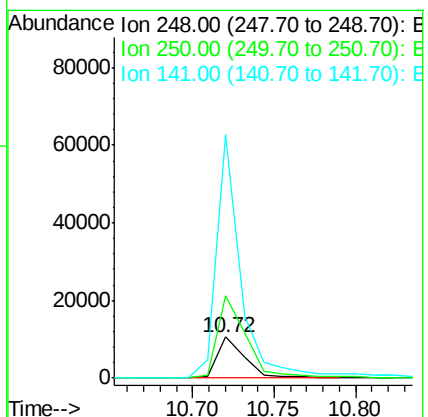
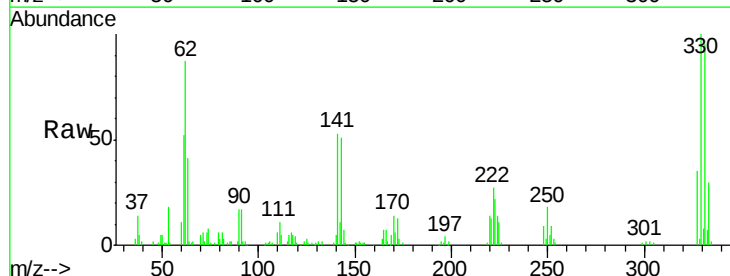
Instrument :
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PB85878BL

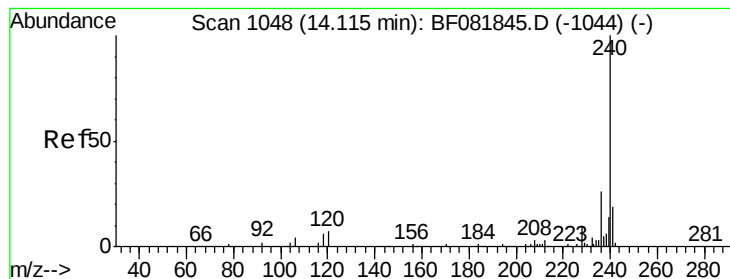
Tgt Ion:188 Resp: 331771
Ion Ratio Lower Upper
188 100
94 6.4 11.1 16.7#
80 6.2 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081985.D
Acq: 2 Oct 2015 18:04

Tgt Ion:248 Resp: 12482
Ion Ratio Lower Upper
248 100
250 203.2 78.5 117.7#
141 597.5 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: BF081985.D

Acq: 2 Oct 2015 18:04

Instrument :

BNA_F

ClientSampleId :

PB85878BL

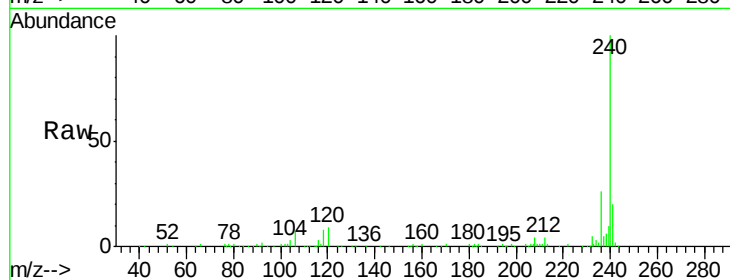
Tgt Ion:240 Resp: 347900

Ion Ratio Lower Upper

240 100

120 9.5 16.2 24.2#

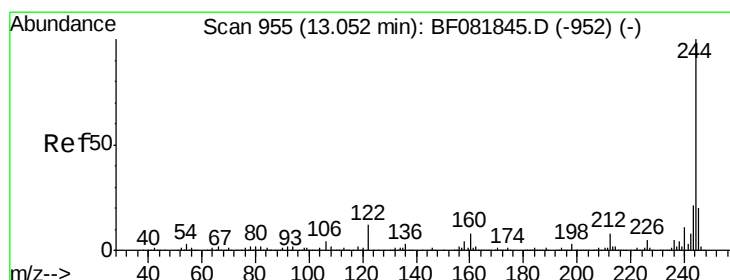
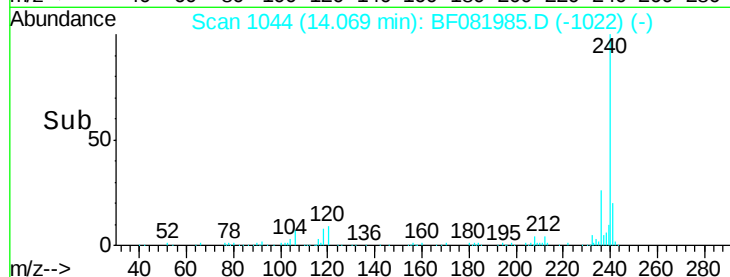
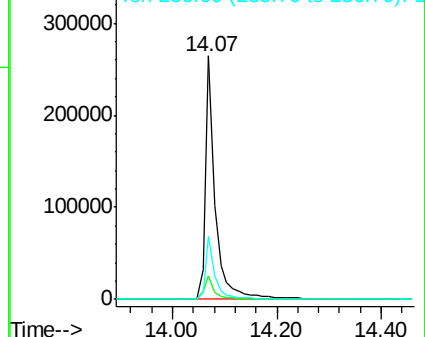
236 25.8 18.4 27.6



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: 101.30 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081985.D

Acq: 2 Oct 2015 18:04

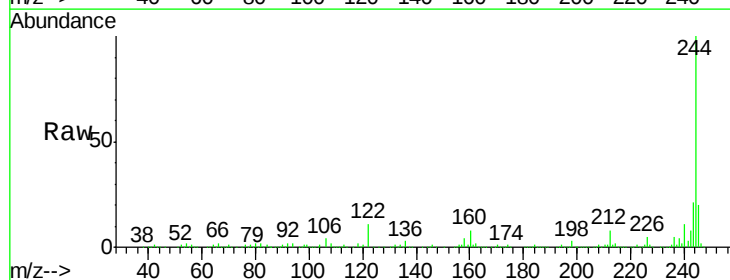
Tgt Ion:244 Resp: 1034180

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

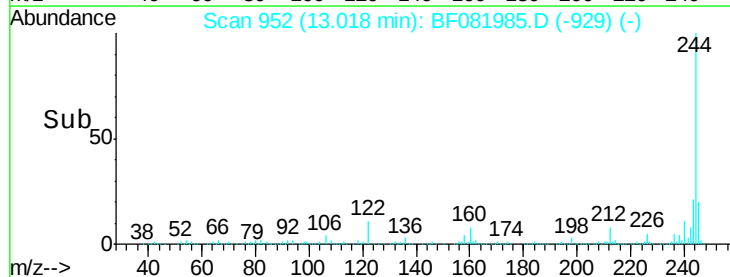
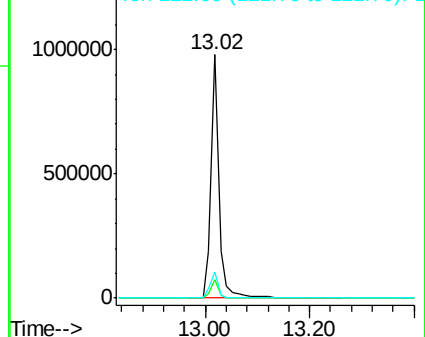
122 10.9 17.4 26.2#

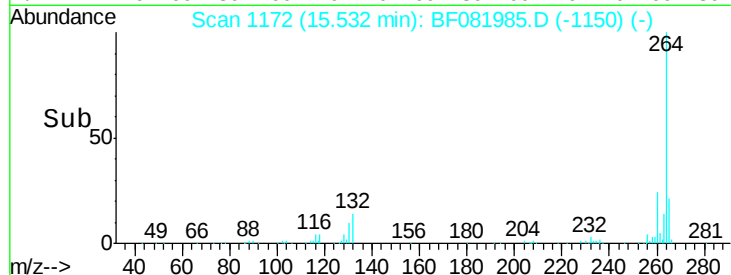
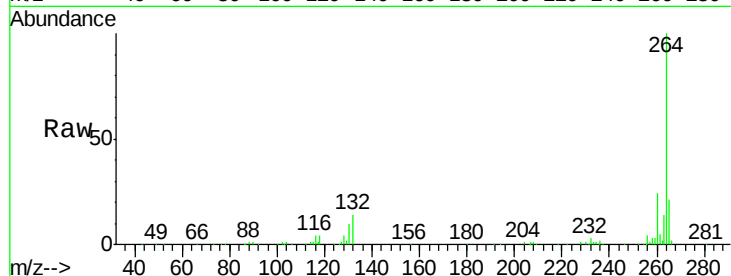
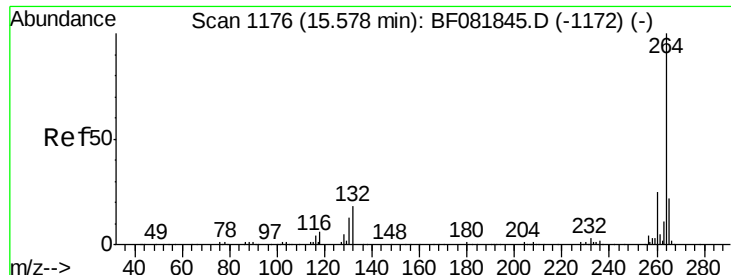


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081985.D
Acq: 2 Oct 2015 18:04

Instrument :
BNA_F
ClientSampleId :
PB85878BL

Tgt Ion:	264	Resp:	255790
Ion Ratio	Lower	Upper	
264	100		
260	23.5	16.7	25.1
265	20.9	17.2	25.8

