

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081983.D
 Acq On : 2 Oct 2015 17:04
 Operator : UM/IZ
 Sample : PB85878TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85878TB

Quant Time: Oct 05 06:31:58 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

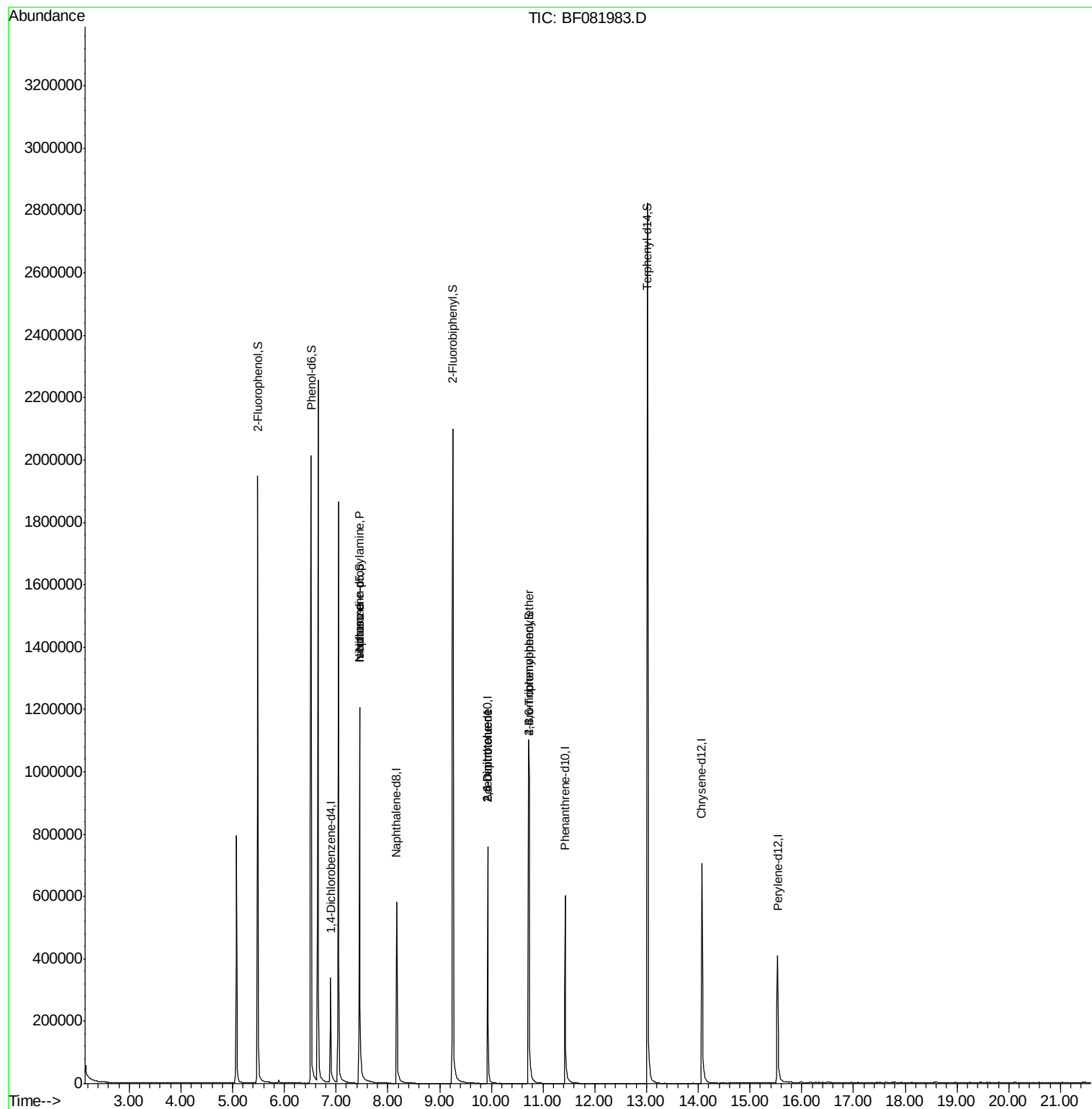
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84672	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	346787	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	178186	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	356229	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	363384	20.00	ng	-0.05
86) Perylene-d12	15.53	264	272045	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	628062	134.65	ng	-0.03
7) Phenol-d6	6.51	99	827339	140.96	ng	-0.05
23) Nitrobenzene-d5	7.45	82	477276	91.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	235198	130.33	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1034037	100.68	ng	-0.05
78) Terphenyl-d14	13.02	244	1099722	104.10	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	59589	16.70	ng	# 58
25) Isophorone	7.45	82	436056	42.29	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	21216	7.95	ng	# 37
56) 2,4-Dinitrotoluene	9.93	165	21437	6.30	ng	# 31
57) Fluorene	10.72	166	7705	Below	Cal	# 79
66) 4-Bromophenyl-phenylether	10.73	248	14529	4.05	ng	# 1
73) Di-n-butylphthalate	11.99	149	925	Below	Cal	# 78

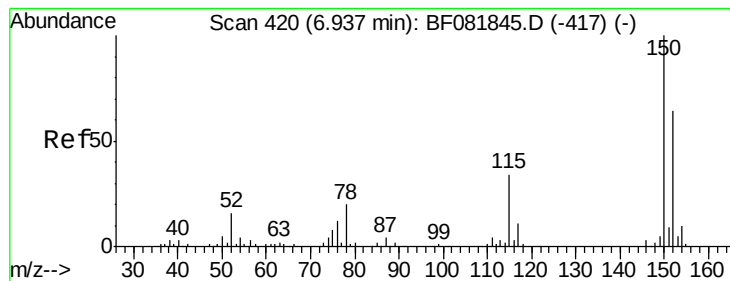
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081983.D

Acq: 2 Oct 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB85878TB

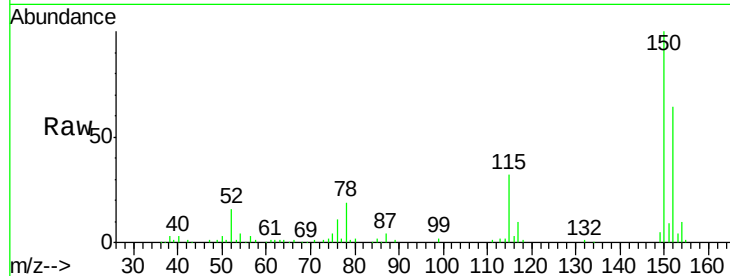
Tgt Ion:152 Resp: 84672

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

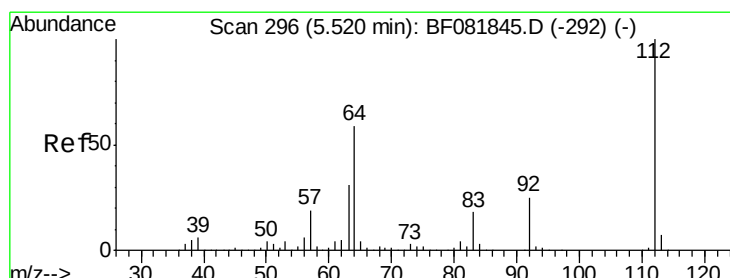
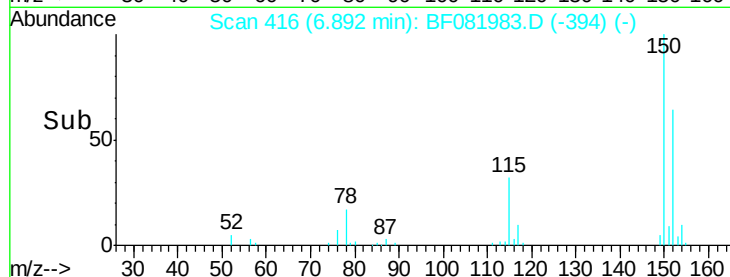
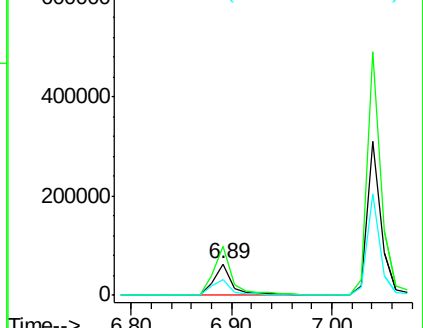
115 50.3 39.0 58.4



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: 134.65 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

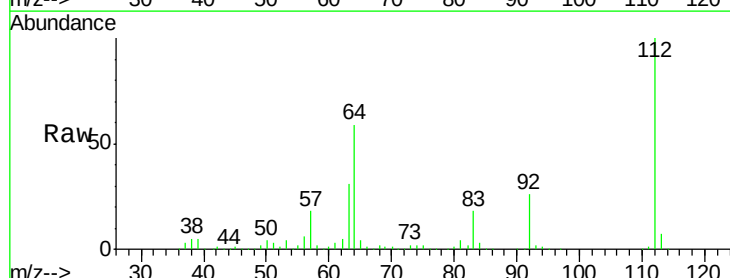
Tgt Ion:112 Resp: 628062

Ion Ratio Lower Upper

112 100

64 59.0 39.7 59.5

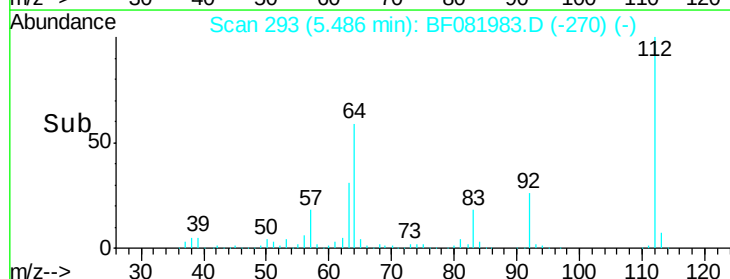
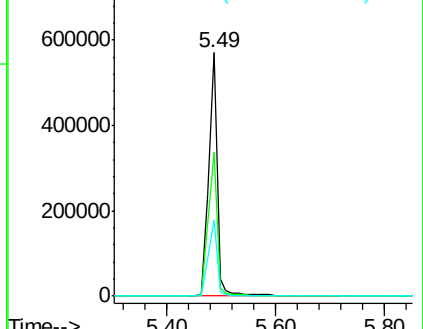
63 31.1 17.4 26.0#

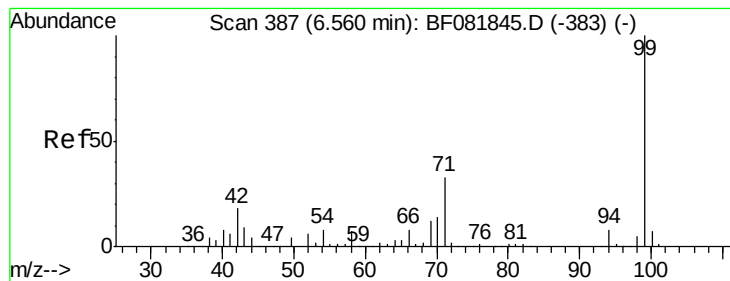


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.96 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB85878TB

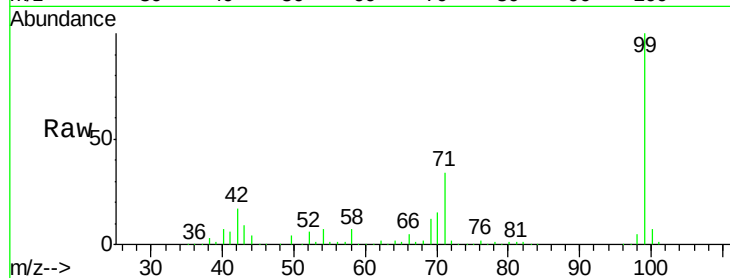
Tgt Ion: 99 Resp: 827339

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

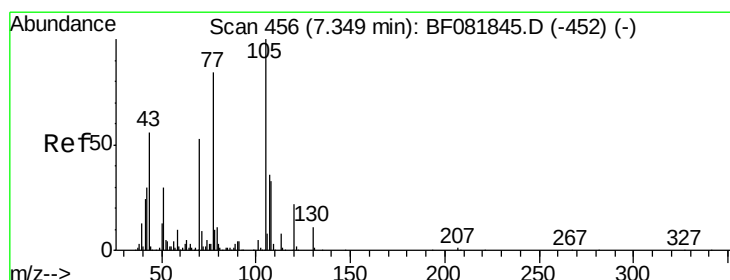
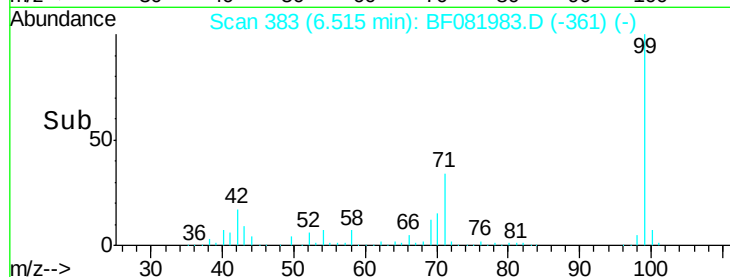
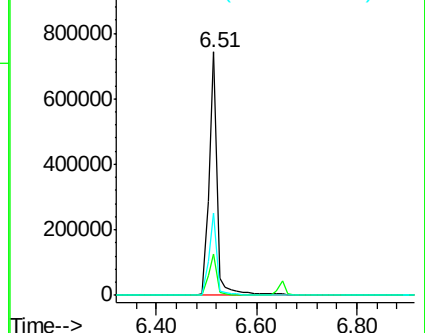
71 33.8 14.2 21.2#



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: 16.70 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

Tgt Ion: 70 Resp: 59589

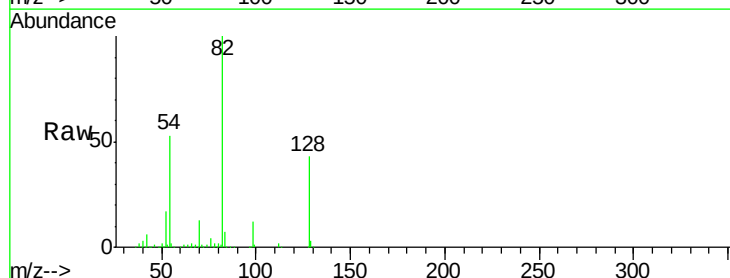
Ion Ratio Lower Upper

70 100

42 46.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

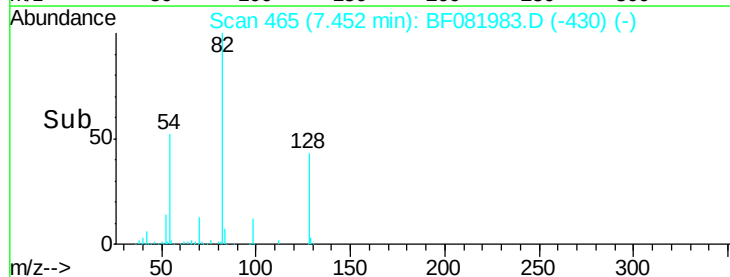
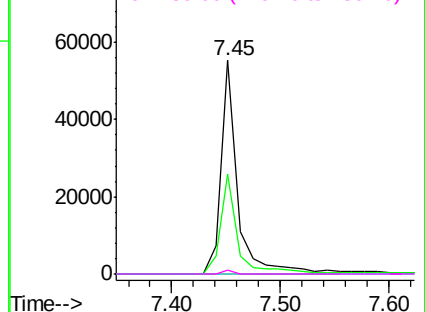


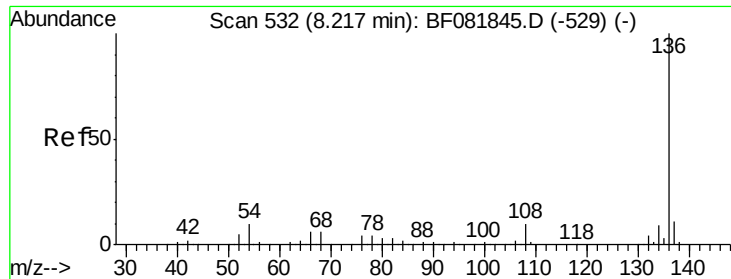
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

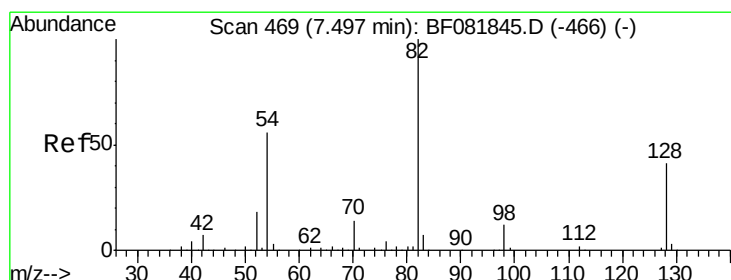
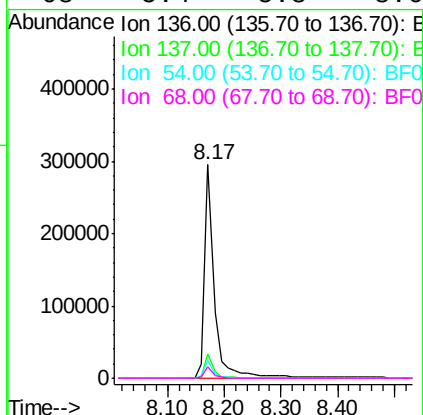
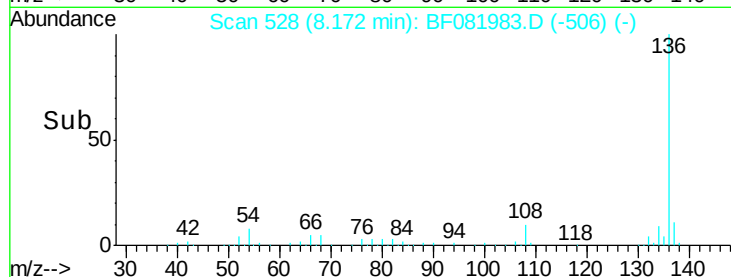
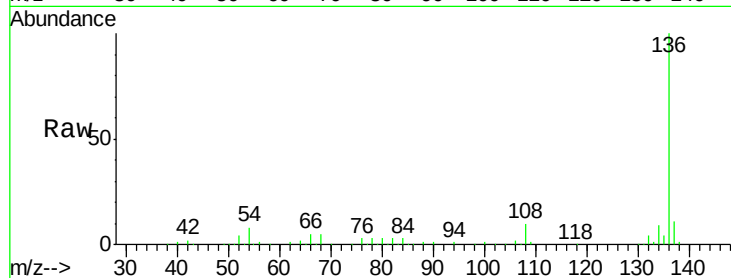




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

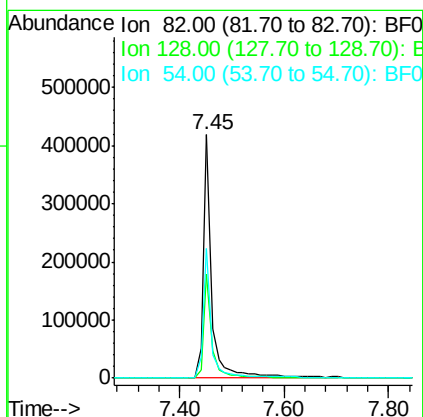
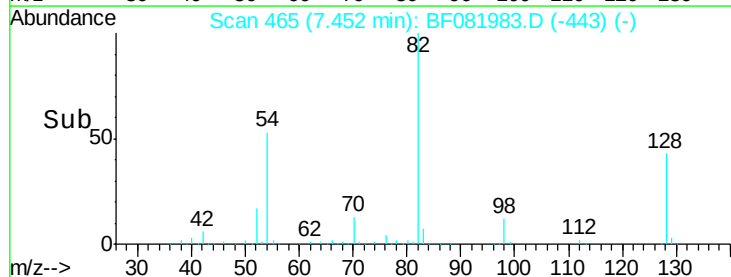
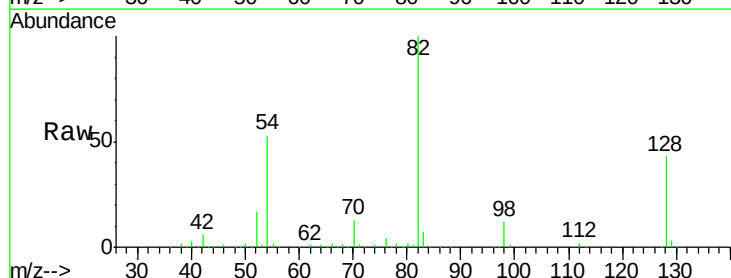
Instrument :
BNA_F
ClientSampleId :
PB85878TB

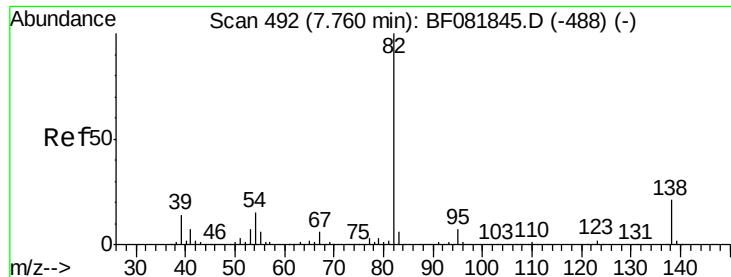
Tgt Ion:	136	Resp:	346787
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.4	8.2	12.2
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 91.74 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

Tgt Ion:	82	Resp:	477276
Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	53.0	47.5	71.3





#25

Isophorone

Concen: 42.29 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

Instrument :

BNA_F

ClientSampled :

PB85878TB

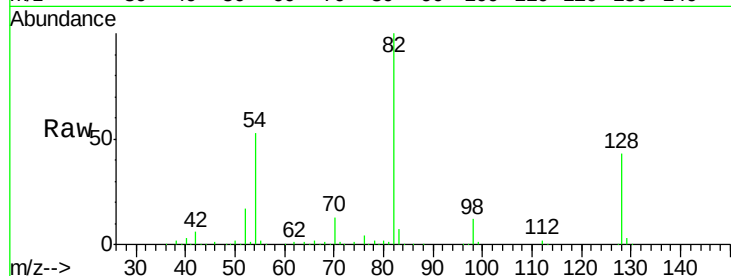
Tgt Ion: 82 Resp: 436056

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

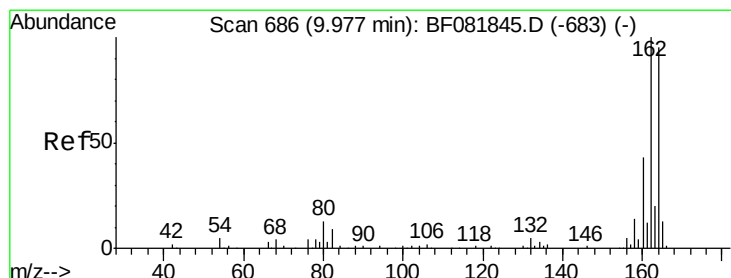
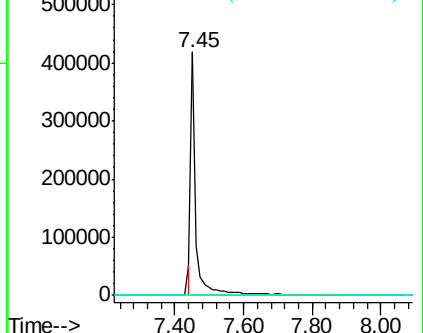
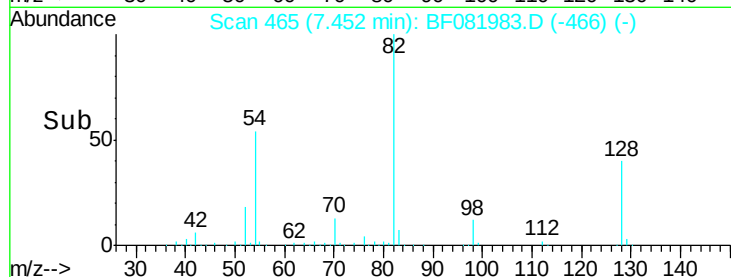
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

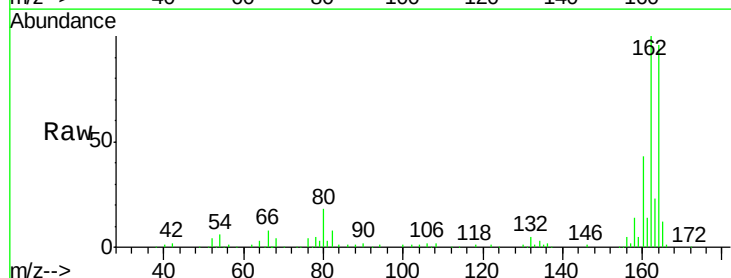
Tgt Ion: 164 Resp: 178186

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

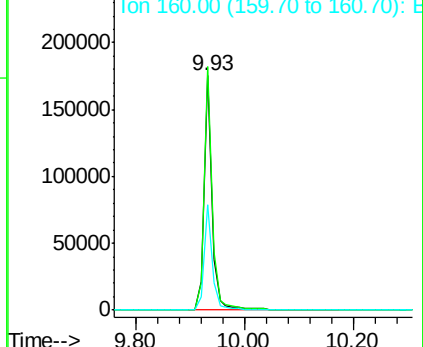
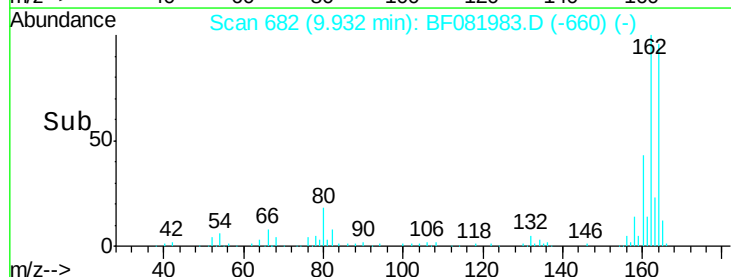
160 45.0 31.5 47.3

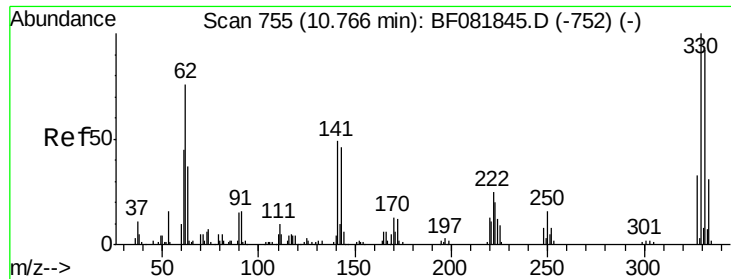


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

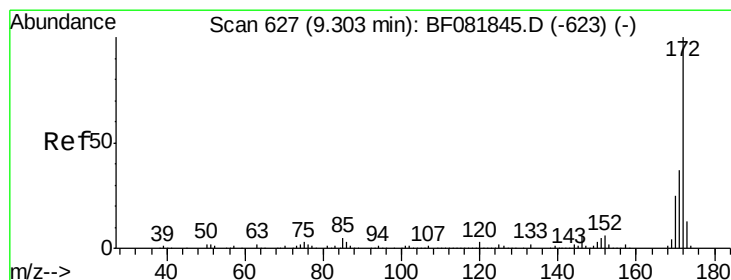
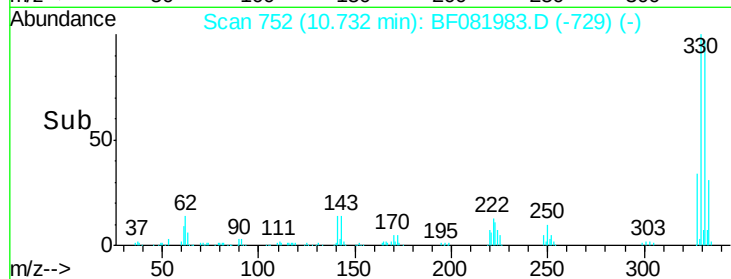
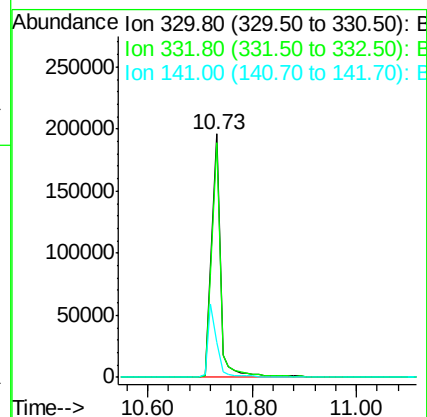
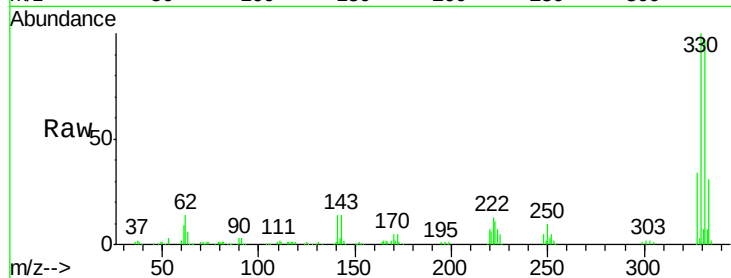




#41
 2,4,6-Tribromophenol
 Concen: 130.33 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

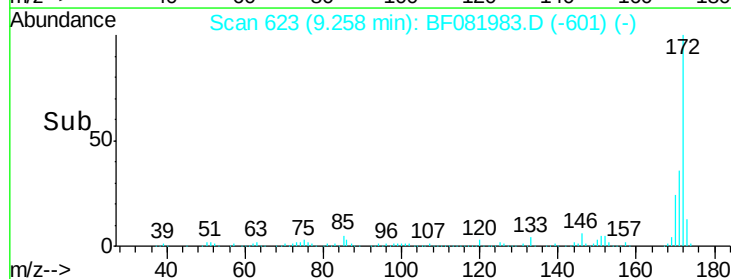
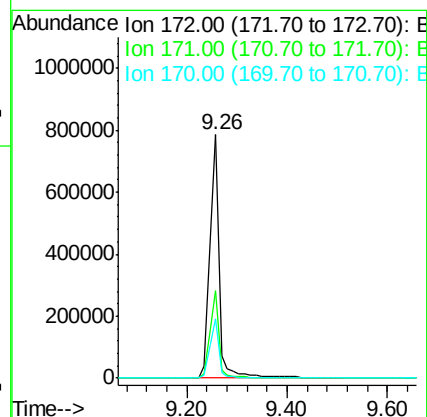
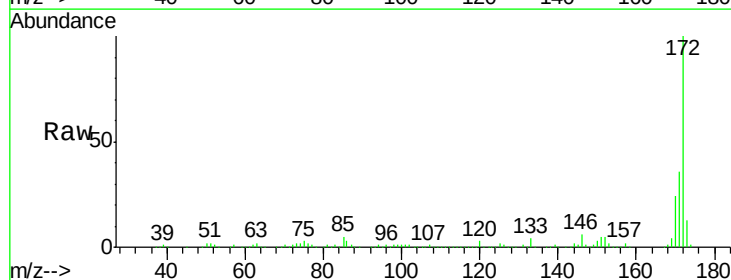
Instrument :
 BNA_F
 ClientSampleId :
 PB85878TB

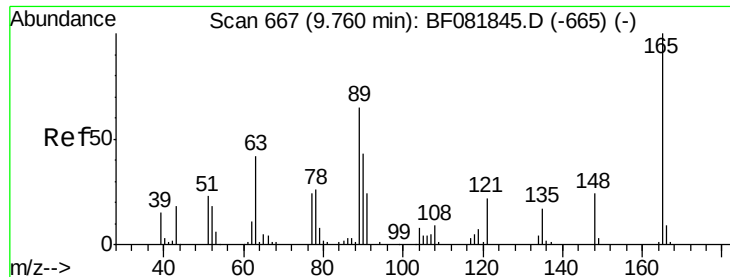
Tgt Ion:330 Resp: 235198
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 31.2 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 100.68 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

Tgt Ion:172 Resp: 1034037
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.2 17.4 26.2

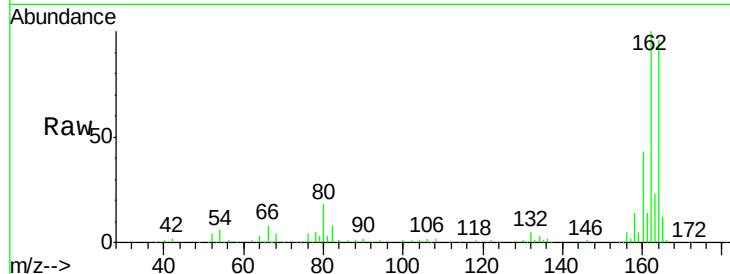




#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB85878TB

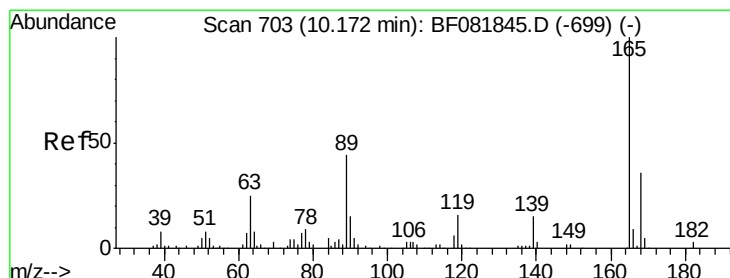
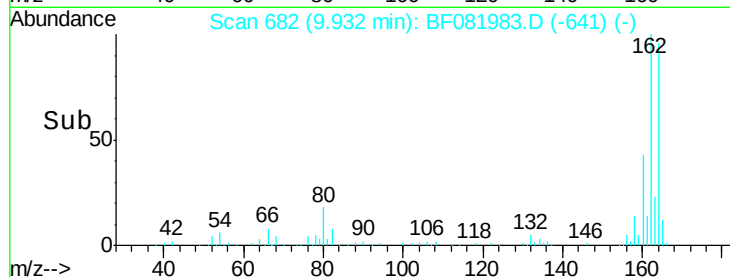
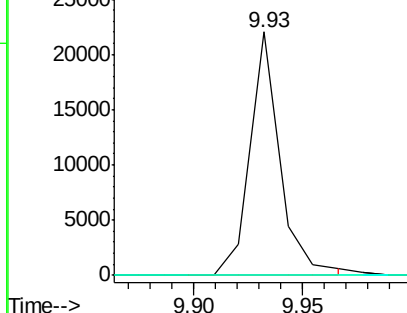
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.30 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081983.D
 Acq: 2 Oct 2015 17:04

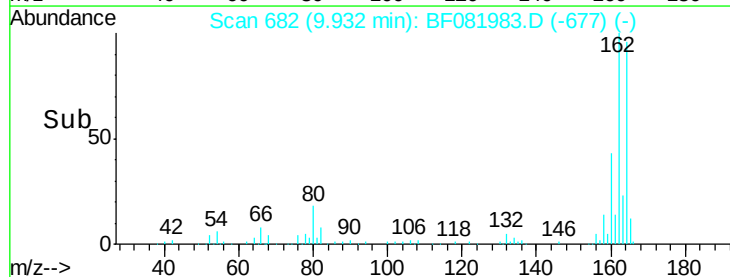
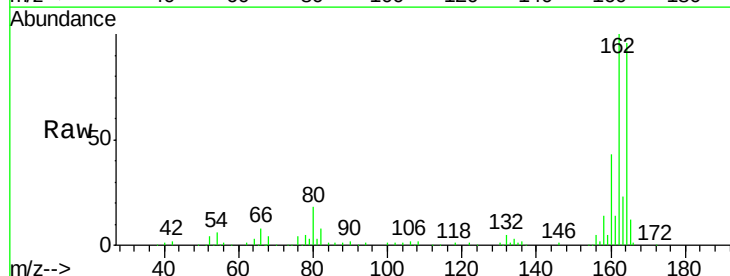
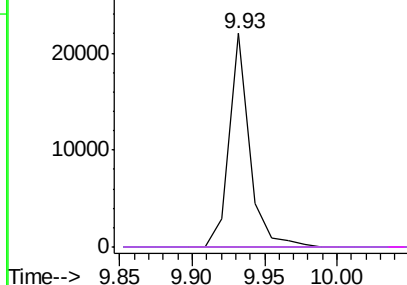
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

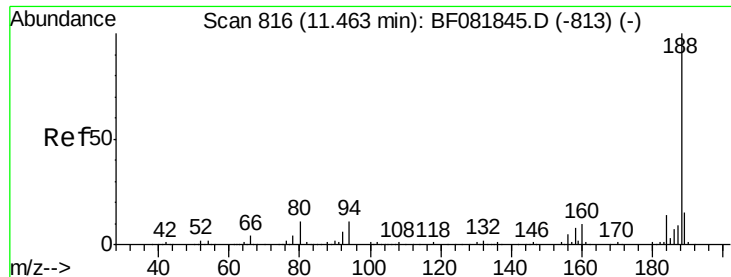
Abundance Ion 165.00 (164.70 to 165.70): E

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

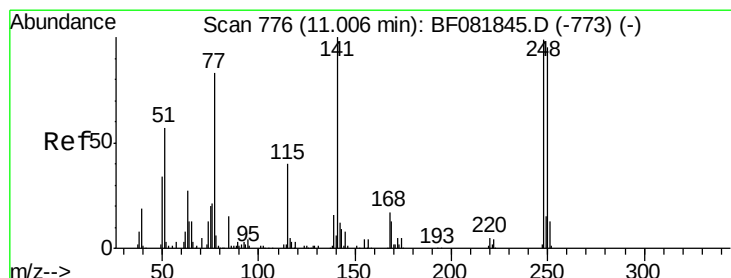
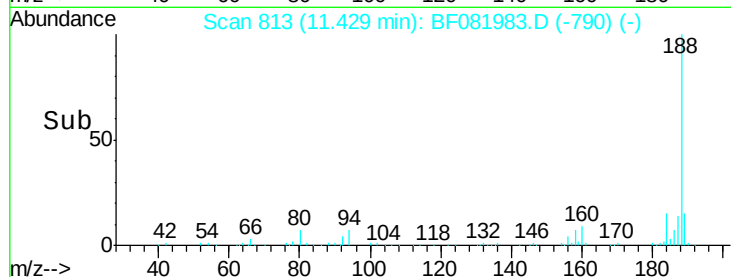
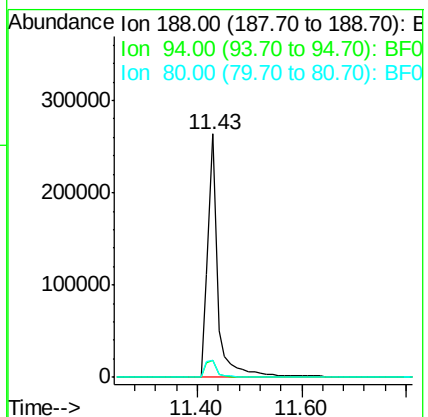
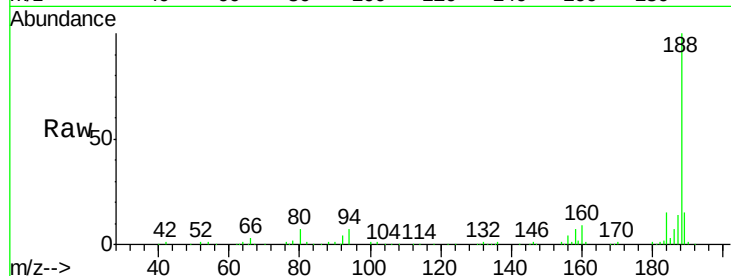




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

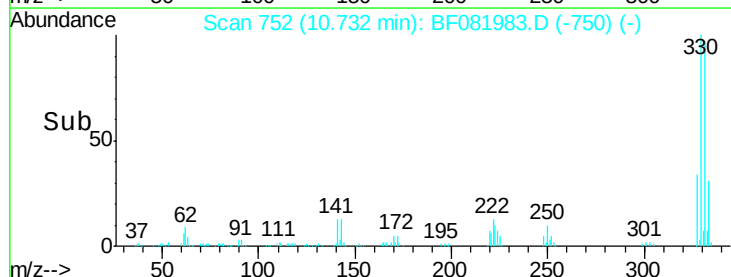
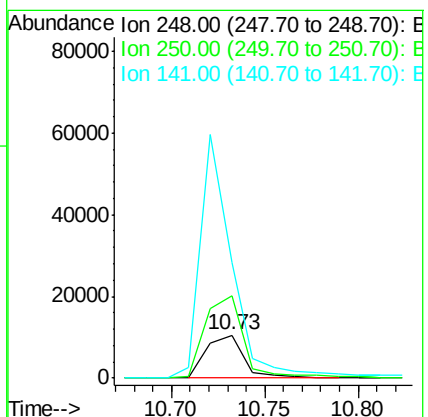
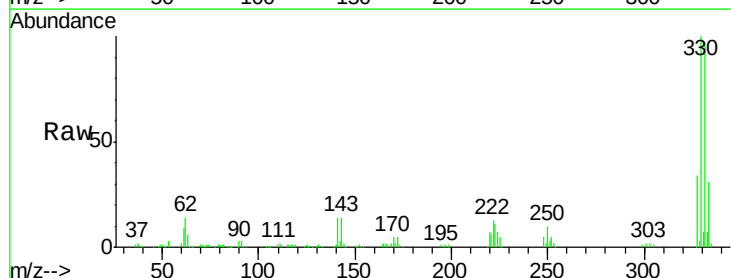
Instrument :
BNA_F
ClientSampleId :
PB85878TB

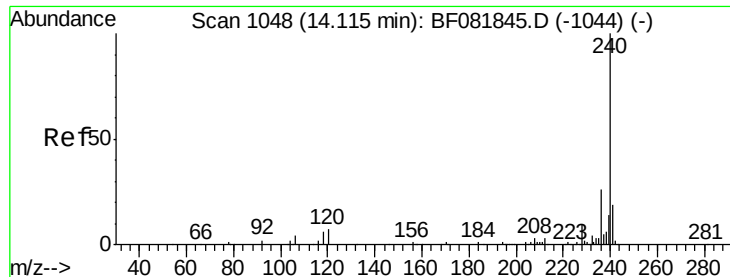
Tgt Ion:188 Resp: 356229
Ion Ratio Lower Upper
188 100
94 6.9 11.1 16.7#
80 7.2 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF081983.D
Acq: 2 Oct 2015 17:04

Tgt Ion:248 Resp: 14529
Ion Ratio Lower Upper
248 100
250 192.7 78.5 117.7#
141 270.4 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: BF081983.D

Acq: 2 Oct 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB85878TB

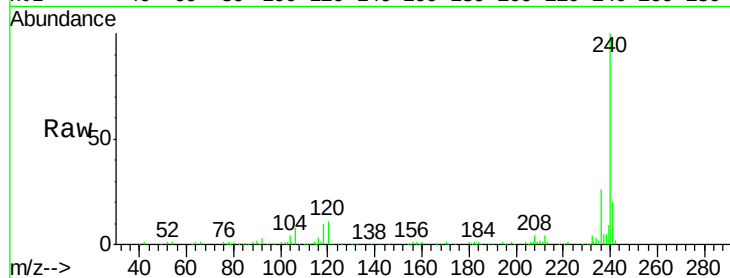
Tgt Ion:240 Resp: 363384

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

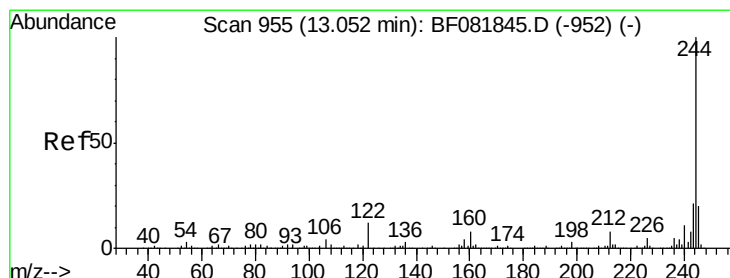
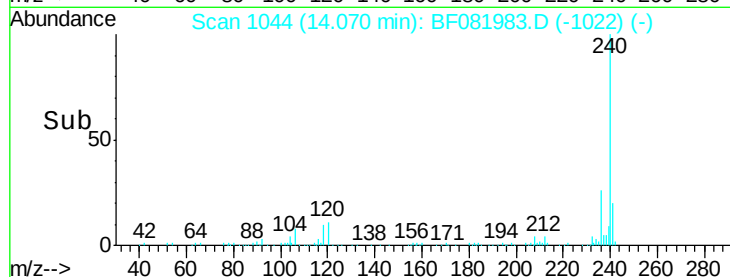
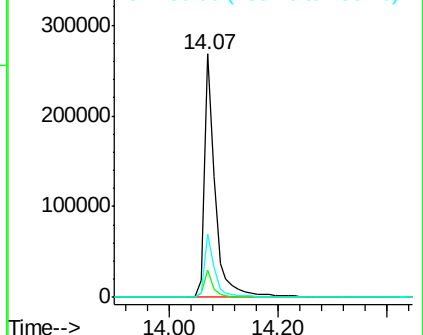
236 26.1 18.4 27.6



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: 104.10 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081983.D

Acq: 2 Oct 2015 17:04

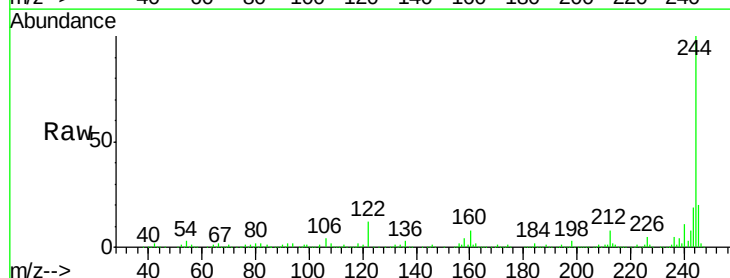
Tgt Ion:244 Resp: 1099722

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

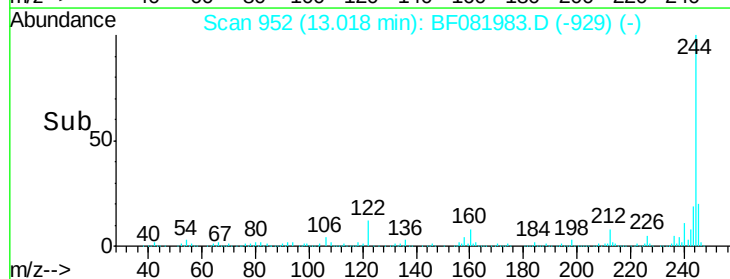
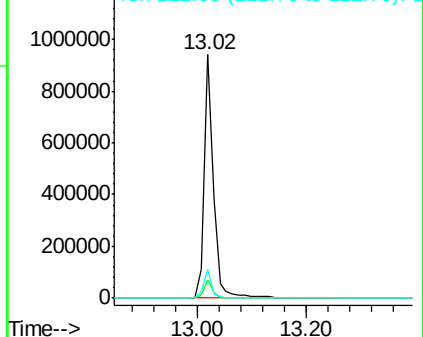
122 11.8 17.4 26.2#

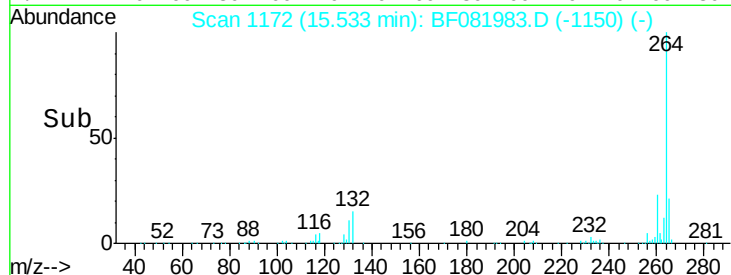
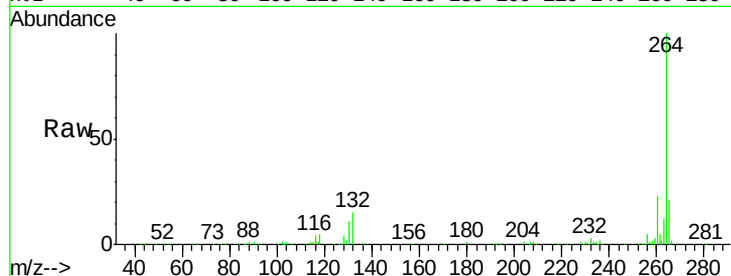
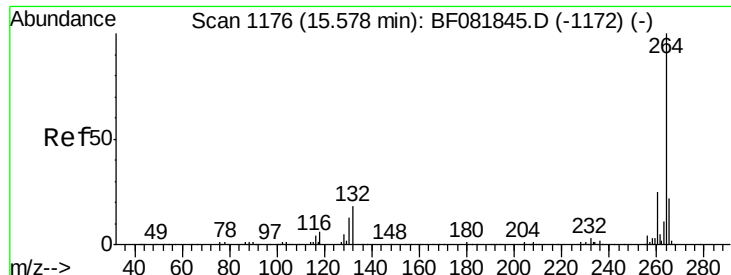


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081983.D
Acq: 2 Oct 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB85878TB

Tgt Ion:	264	Resp:	272045
Ion Ratio	Lower	Upper	
264	100		
260	23.3	16.7	25.1
265	21.1	17.2	25.8

