

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081896.D
 Acq On : 30 Sep 2015 4:26
 Operator : UM/IZ
 Sample : PB85818BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

Quant Time: Sep 30 06:30:03 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

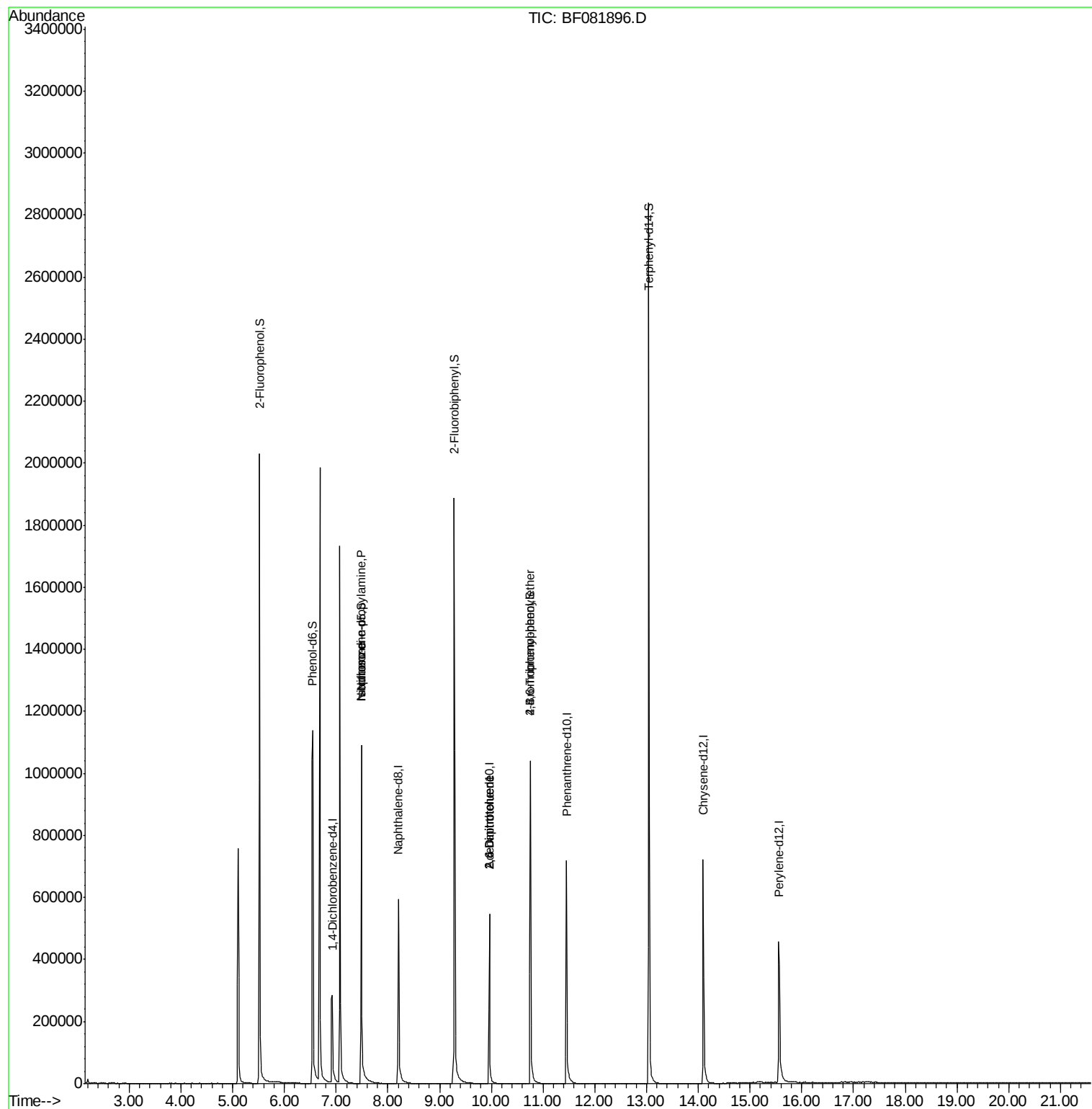
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	91234	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	371933	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	145343	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	368136	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	382821	20.00	ng	-0.02
86) Perylene-d12	15.56	264	356193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	686960	136.69	ng	0.00
7) Phenol-d6	6.55	99	694794	109.86	ng	-0.01
23) Nitrobenzene-d5	7.49	82	459532	82.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	174826	118.77	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	890775	108.22	ng	-0.02
78) Terphenyl-d14	13.04	244	1057972	91.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	56702	14.75	ng	# 57
25) Isophorone	7.49	82	421295	38.10	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	17445	8.01	ng	# 37
56) 2,4-Dinitrotoluene	9.97	165	17651	6.36	ng	# 31
57) Fluorene	10.75	166	5693	Below	Cal	# 77
66) 4-Bromophenyl-phenylether	10.75	248	10583	2.85	ng	# 1
73) Di-n-butylphthalate	12.01	149	392	Below	Cal	# 78

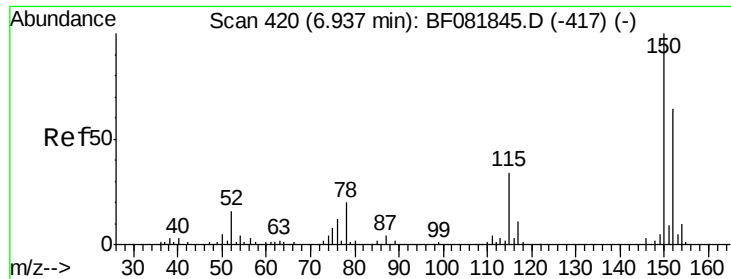
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB85818BL

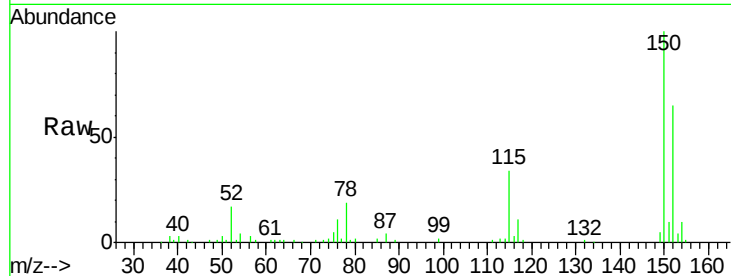
Tgt Ion:152 Resp: 91234

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

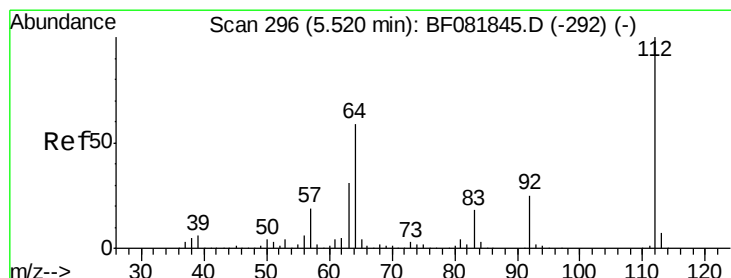
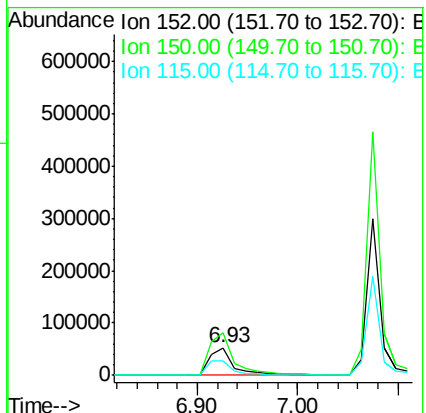
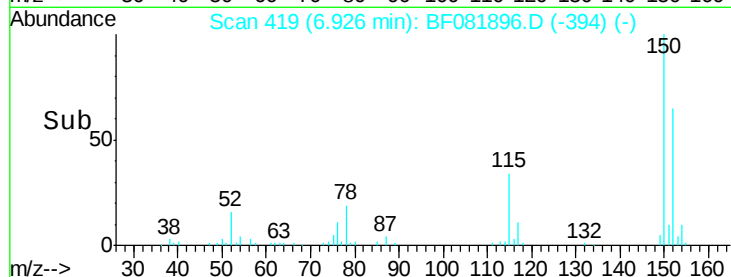
115 52.1 39.0 58.4



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: 136.69 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

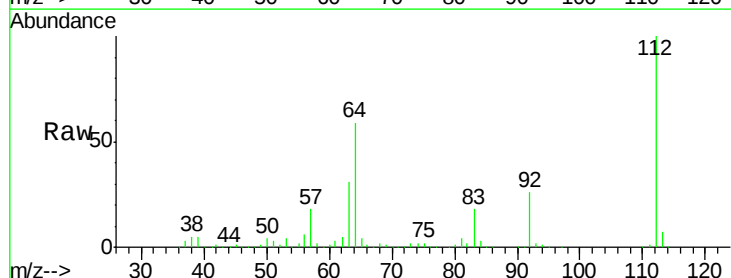
Tgt Ion:112 Resp: 686960

Ion Ratio Lower Upper

112 100

64 58.9 39.7 59.5

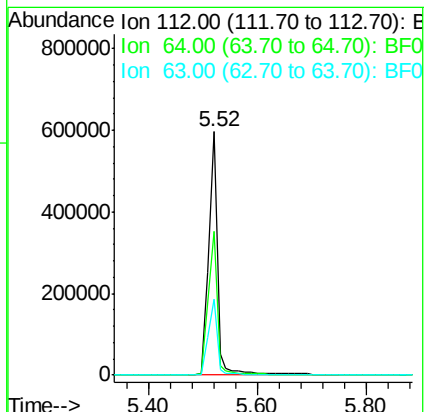
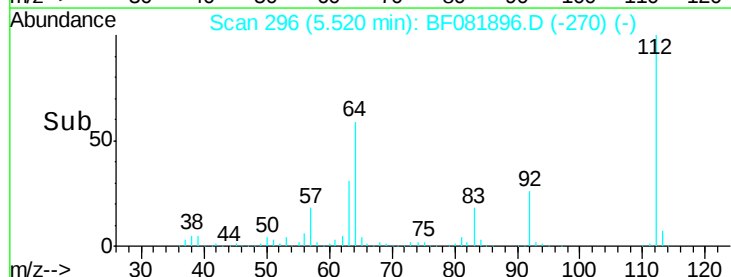
63 31.0 17.4 26.0#

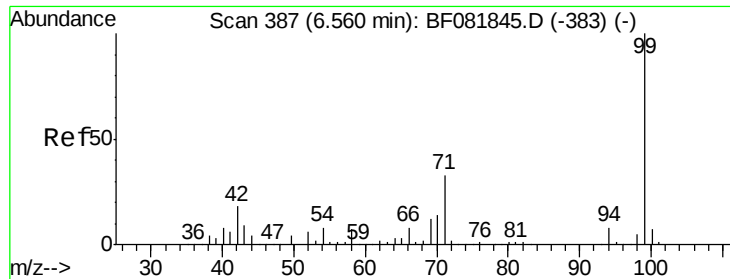


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.86 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

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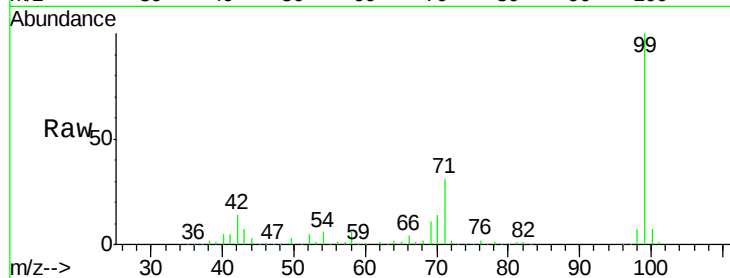
Tgt Ion: 99 Resp: 694794

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

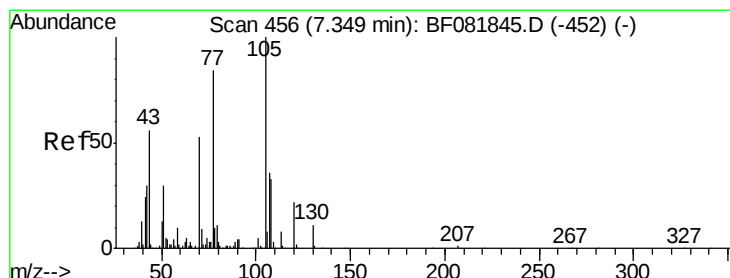
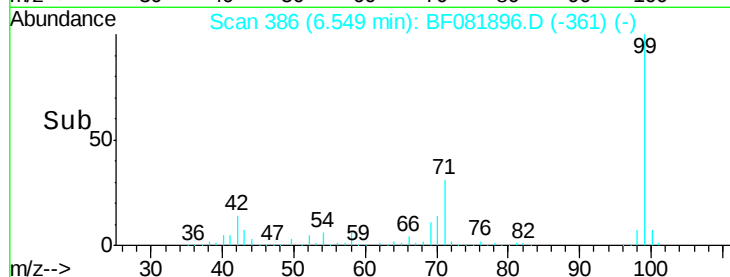
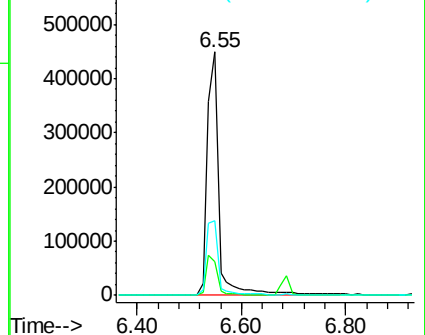
71 30.6 14.2 21.2#



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: 14.75 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Tgt Ion: 70 Resp: 56702

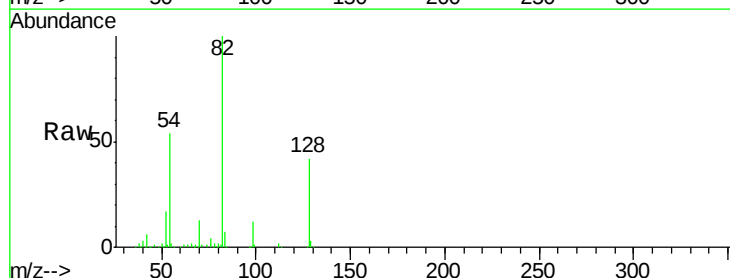
Ion Ratio Lower Upper

70 100

42 45.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

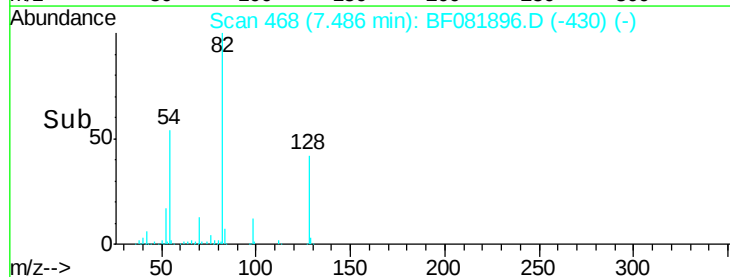
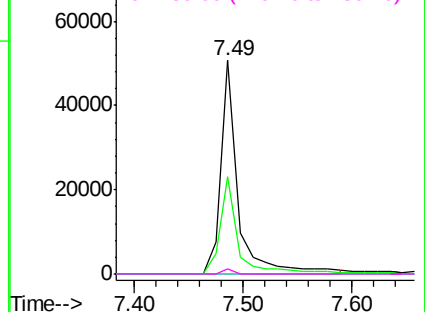


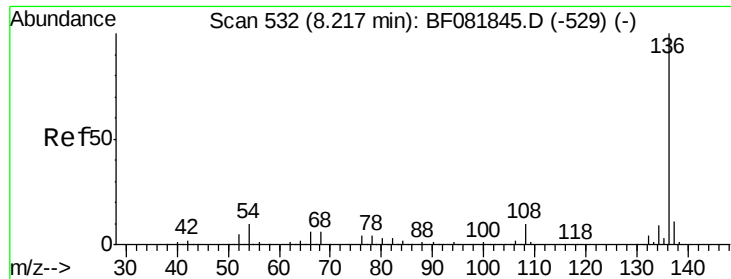
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

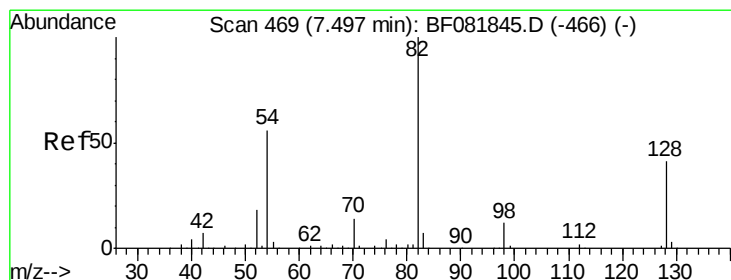
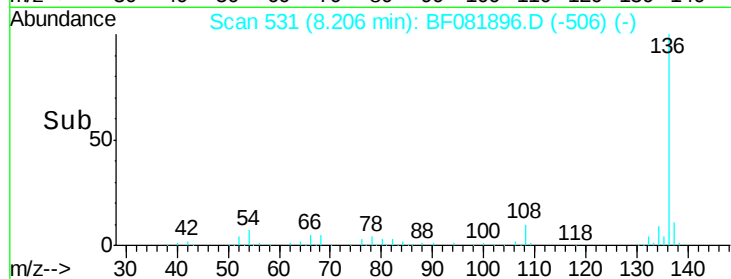
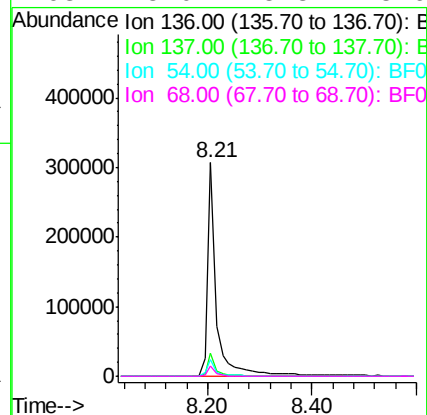
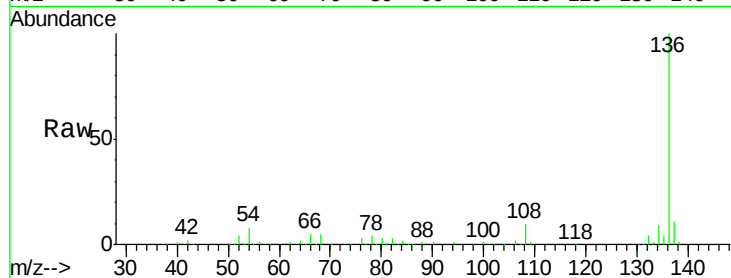




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081896.D
Acq: 30 Sep 2015 4:26

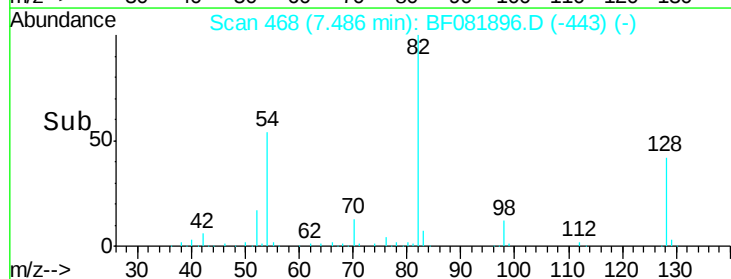
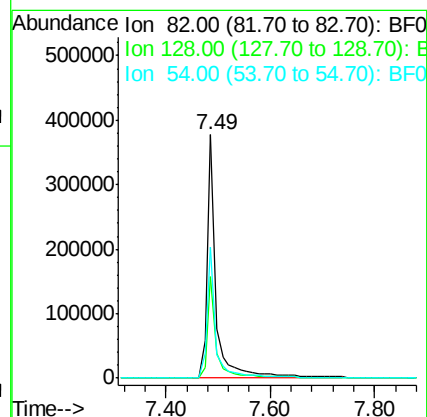
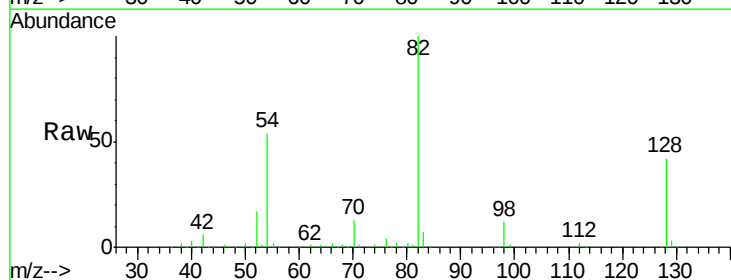
Instrument :
BNA_F
ClientSampleId :
PB85818BL

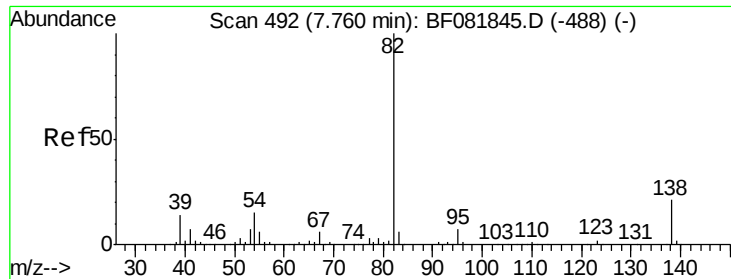
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.5	8.2	12.2
68	5.0	5.8	8.6



#23
Nitrobenzene-d5
Concen: 82.36 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081896.D
Acq: 30 Sep 2015 4:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	51.0	76.6
54	53.9	47.5	71.3





#25

Isophorone

Concen: 38.10 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB85818BL

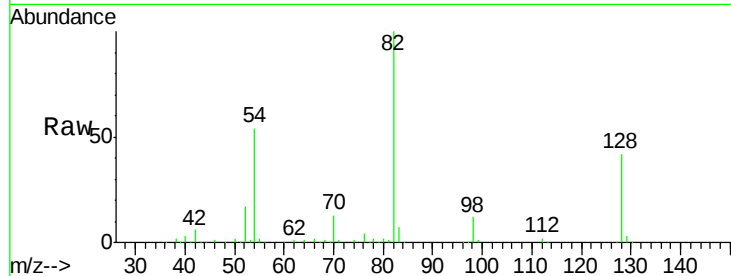
Tgt Ion: 82 Resp: 421295

Ion Ratio Lower Upper

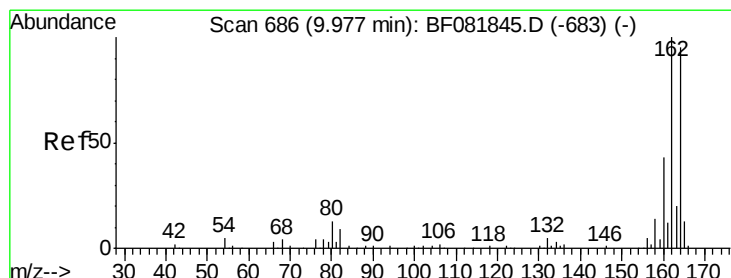
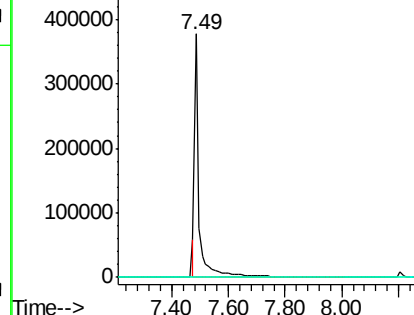
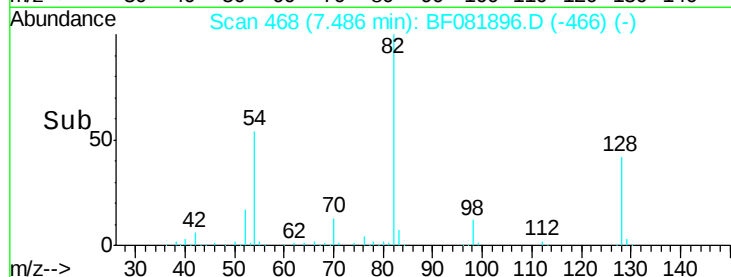
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

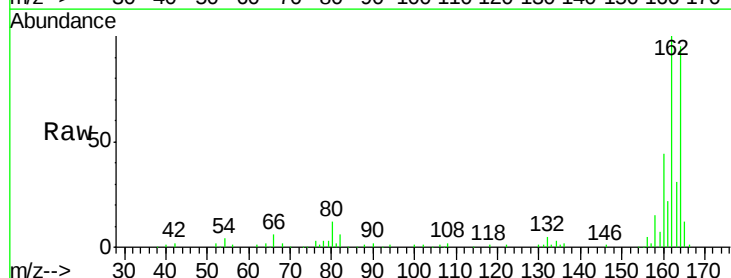
Tgt Ion: 164 Resp: 145343

Ion Ratio Lower Upper

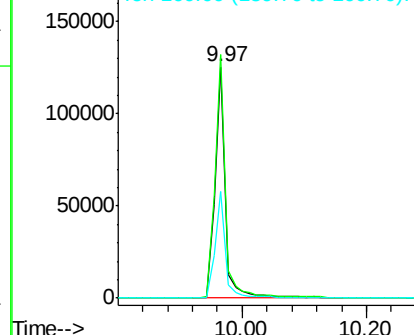
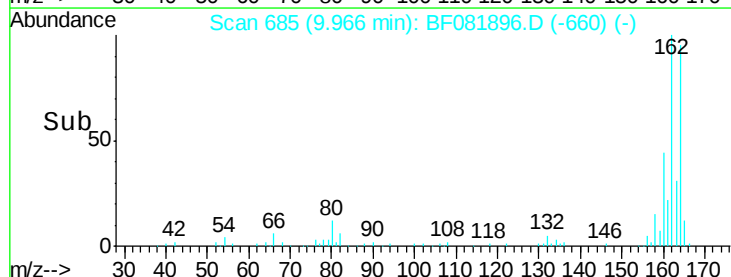
164 100

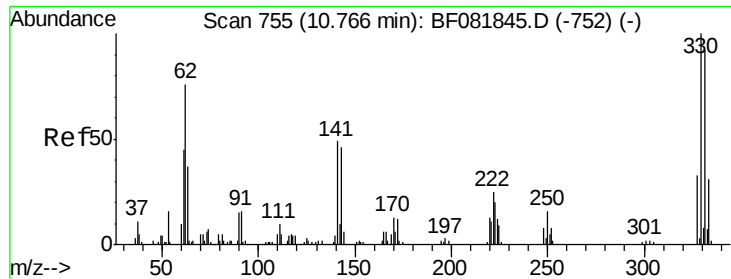
162 105.4 75.2 112.8

160 46.2 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

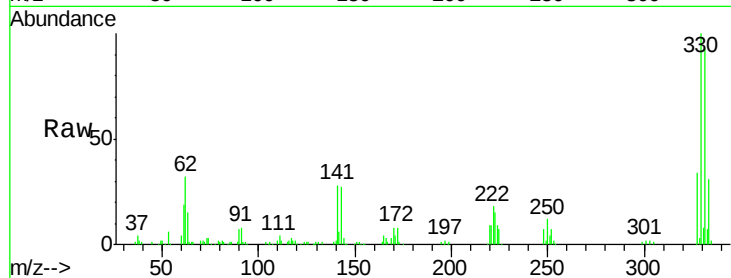




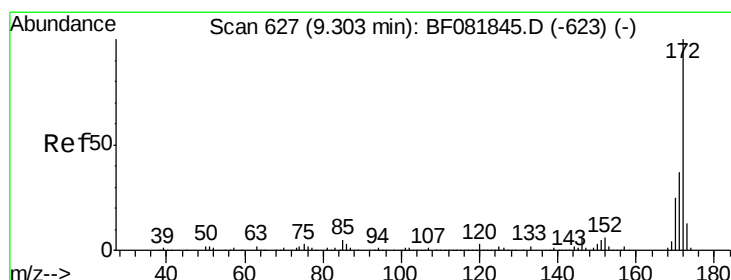
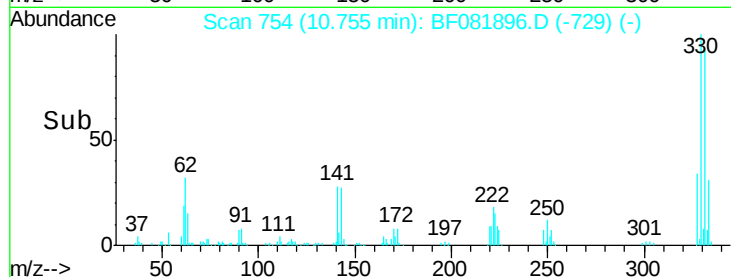
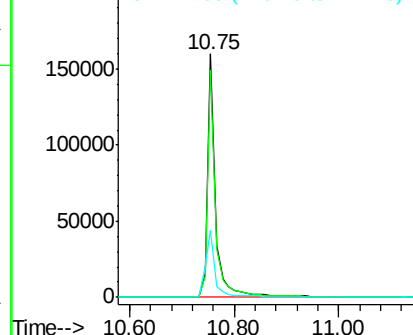
#41
 2,4,6-Tribromophenol
 Concen: 118.77 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

Tgt Ion:330 Resp: 174826
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.6 114.8
 141 33.1 29.7 44.5

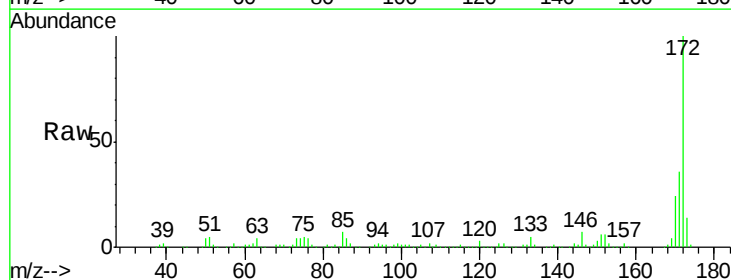


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

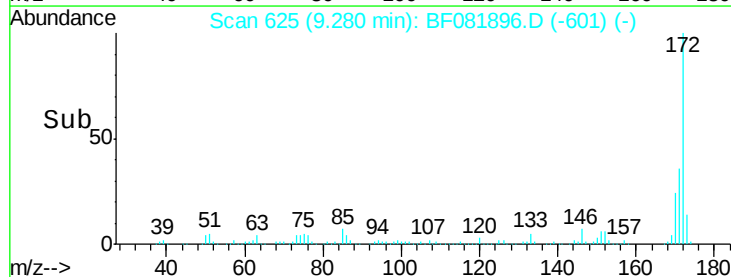
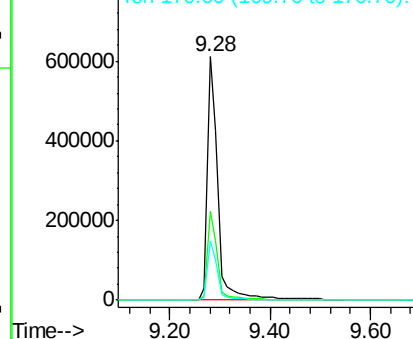


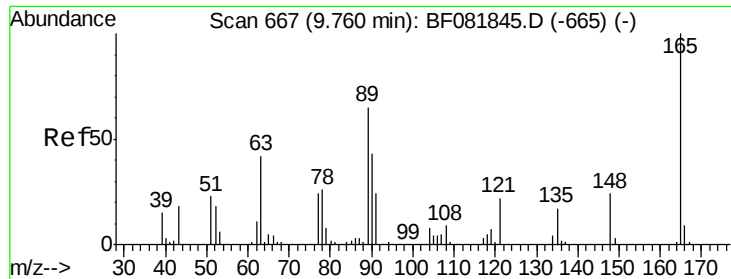
#44
 2-Fluorobiphenyl
 Concen: 108.22 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Tgt Ion:172 Resp: 890775
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.4 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

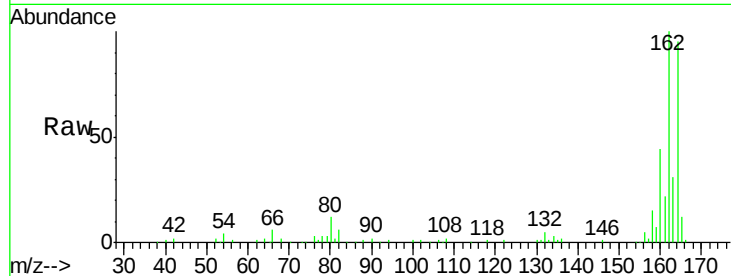




#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 9.97 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

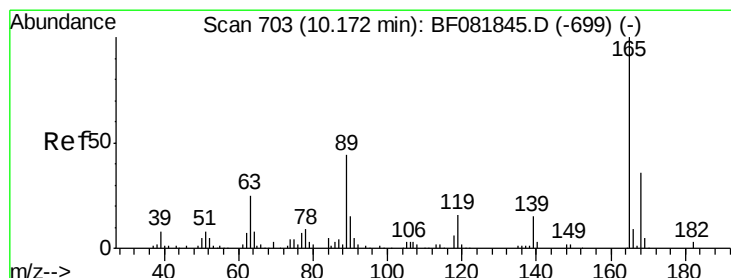
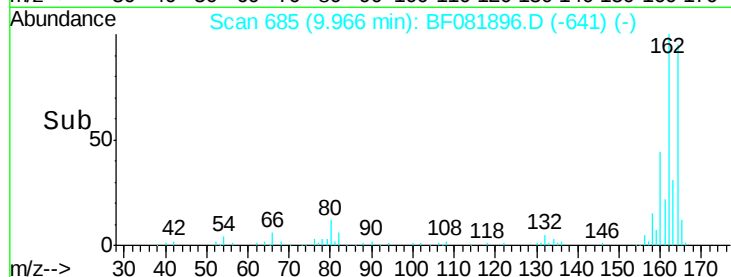
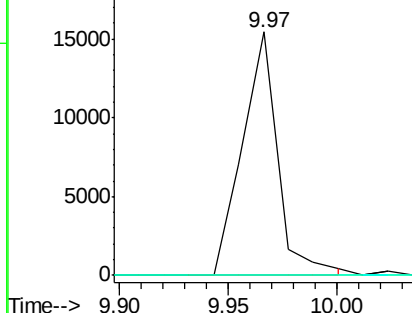
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

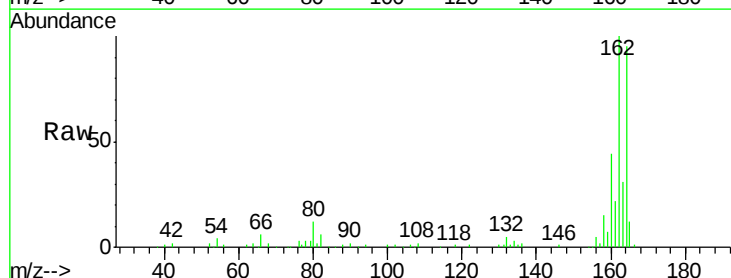
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

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#

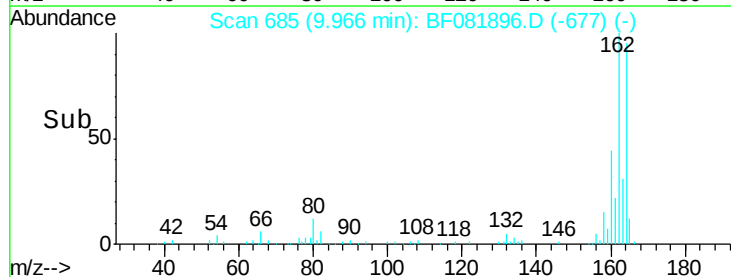
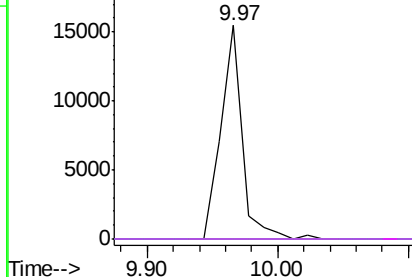


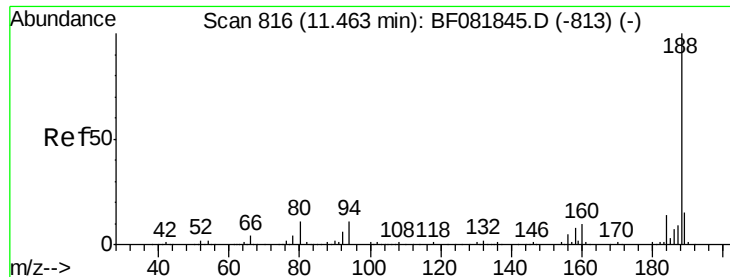
Abundance Ion 165.00 (164.70 to 165.70): E

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

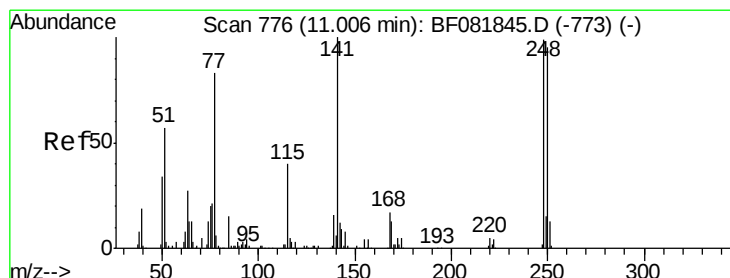
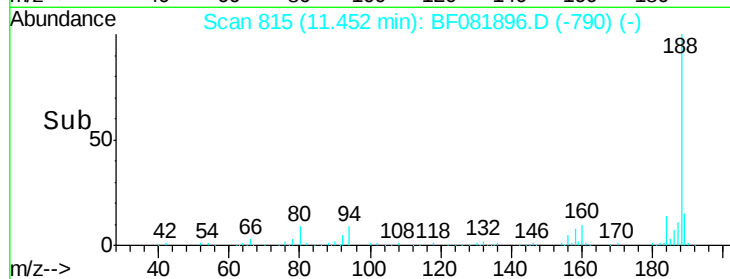
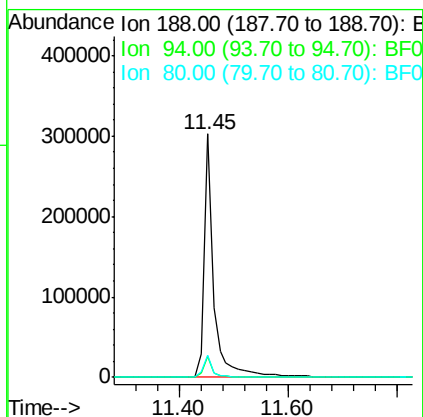
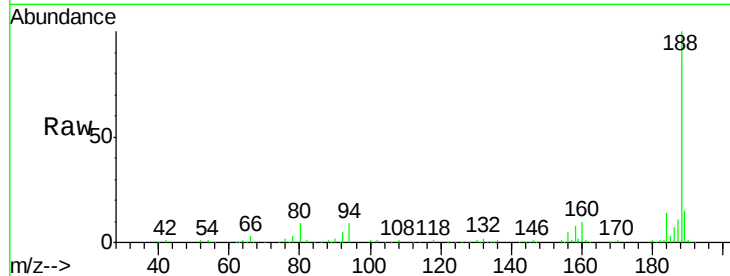




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

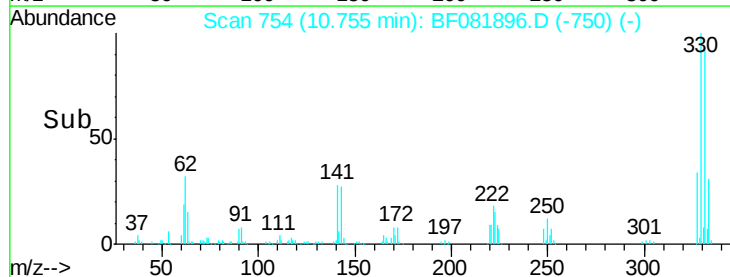
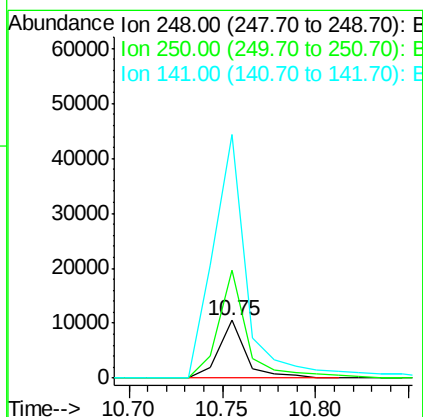
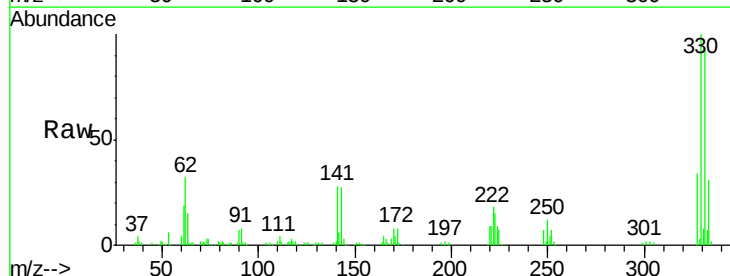
Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

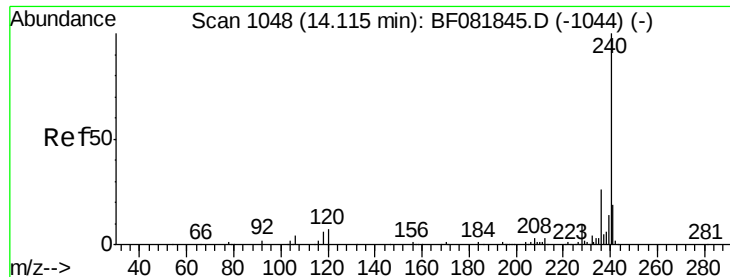
Tgt Ion:188 Resp: 368136
 Ion Ratio Lower Upper
 188 100
 94 8.5 11.1 16.7#
 80 9.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.85 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081896.D
 Acq: 30 Sep 2015 4:26

Tgt Ion:248 Resp: 10583
 Ion Ratio Lower Upper
 248 100
 250 187.7 78.5 117.7#
 141 422.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

Instrument :

BNA_F

ClientSampleId :

PB85818BL

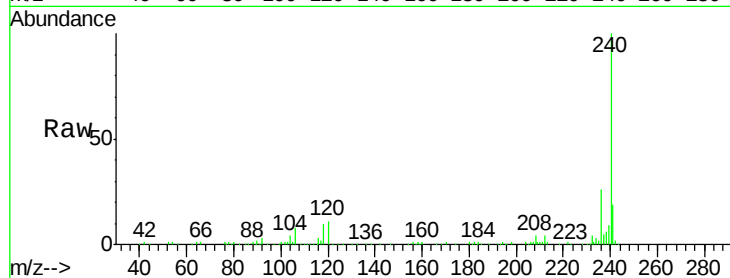
Tgt Ion:240 Resp: 382821

Ion Ratio Lower Upper

240 100

120 11.0 16.2 24.2#

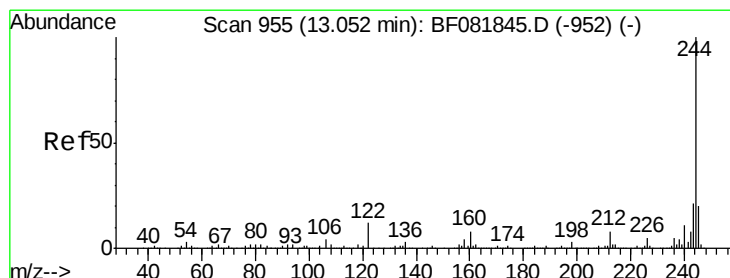
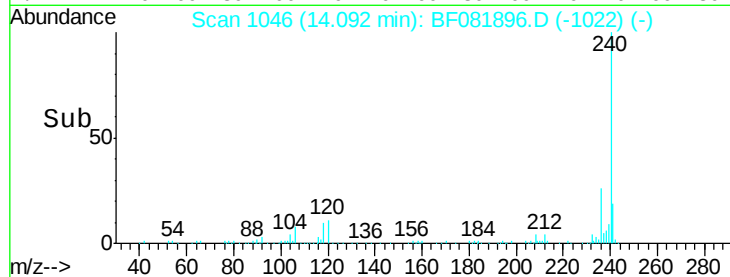
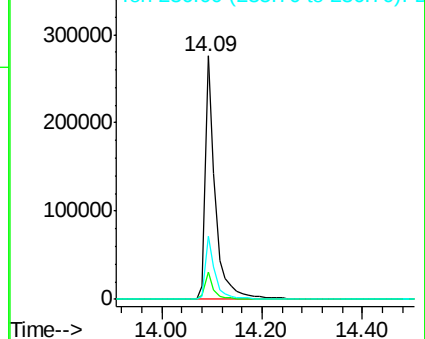
236 25.8 18.4 27.6



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: 91.04 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081896.D

Acq: 30 Sep 2015 4:26

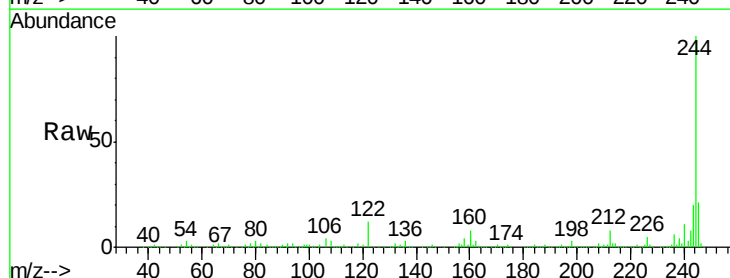
Tgt Ion:244 Resp: 1057972

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

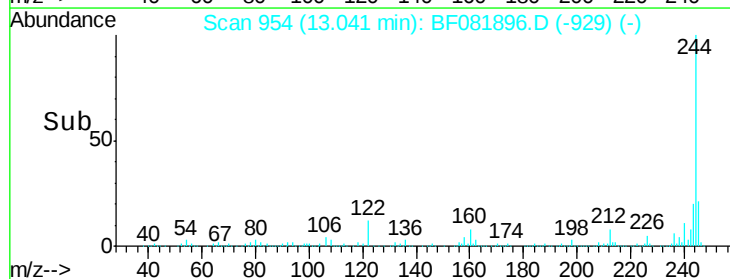
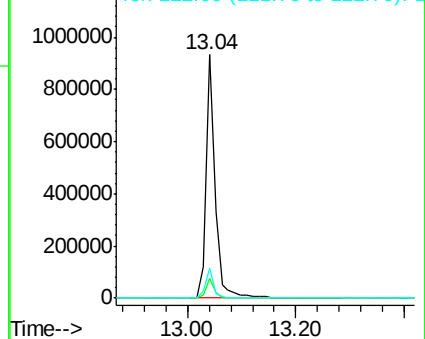
122 12.1 17.4 26.2#

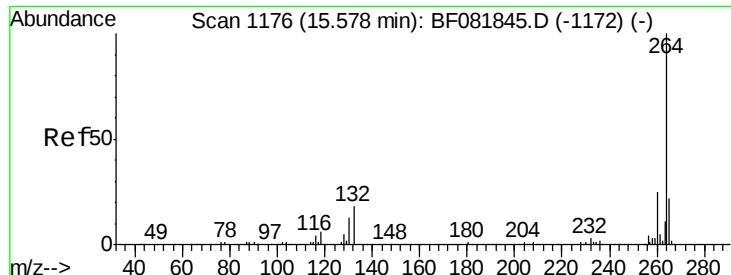


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

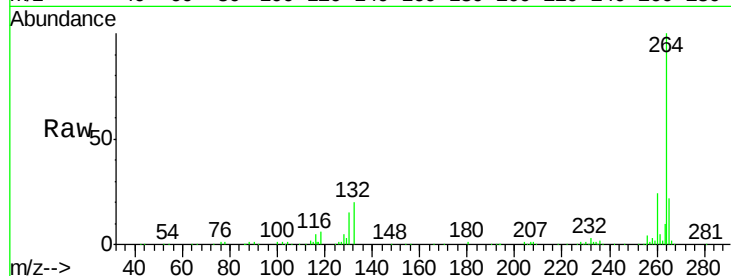




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF081896.D
Acq: 30 Sep 2015 4:26

Instrument :
BNA_F
ClientSampleId :
PB85818BL

Tgt Ion: 264 Resp: 356193
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

