

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081890.D
 Acq On : 29 Sep 2015 20:33
 Operator : UM/IZ
 Sample : PB85767BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BL

Quant Time: Sep 30 02:26:59 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

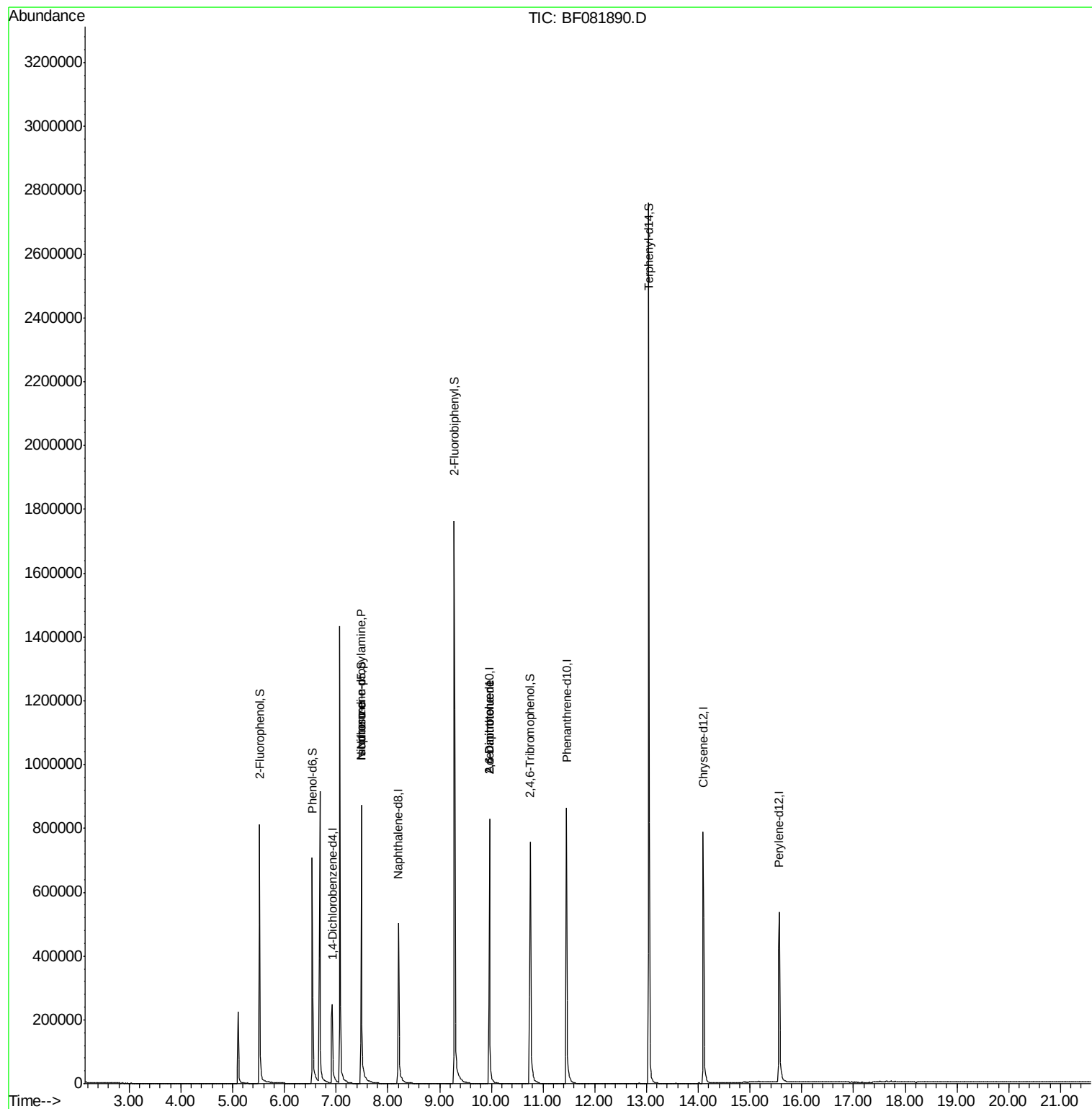
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	77333	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	330168	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	206894	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	432681	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	432079	20.00	ng	-0.02
86) Perylene-d12	15.57	264	371221	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	319388	74.97	ng	0.00
7) Phenol-d6	6.54	99	328934	61.36	ng	-0.02
23) Nitrobenzene-d5	7.49	82	376134	75.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	141517	67.54	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	905082	70.87	ng	-0.02
78) Terphenyl-d14	13.04	244	1009623	72.46	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	46115	14.15	ng	# 57
25) Isophorone	7.49	82	339927	34.63	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	24577	7.93	ng	# 39
56) 2,4-Dinitrotoluene	9.97	165	25479	6.45	ng	# 34
57) Fluorene	10.75	166	4780	Below Cal		# 77
73) Di-n-butylphthalate	12.01	149	269	Below Cal		# 78

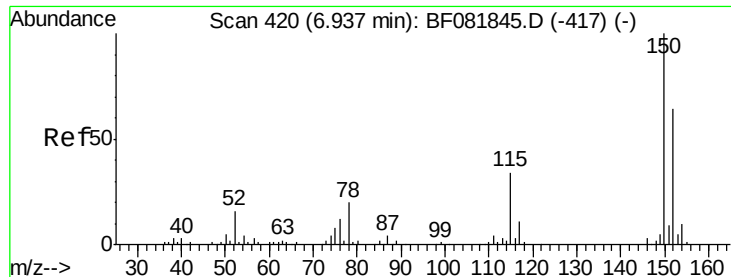
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

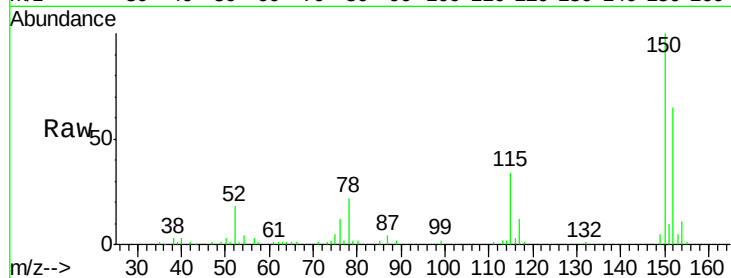
Tgt Ion:152 Resp: 77333

Ion Ratio Lower Upper

152 100

150 152.8 124.7 187.1

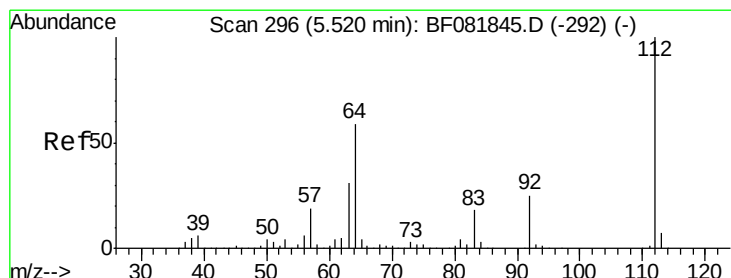
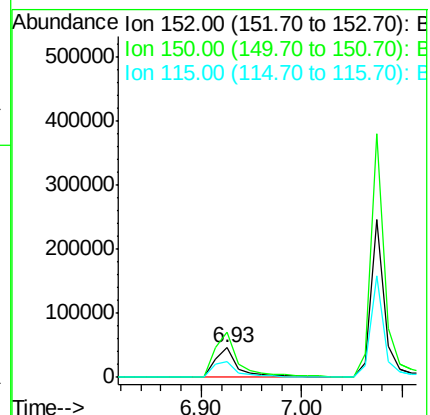
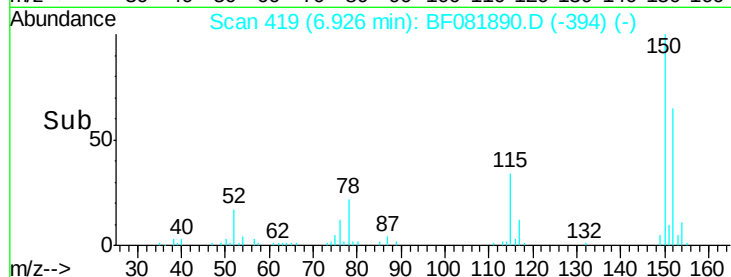
115 51.5 39.0 58.4



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: 74.97 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

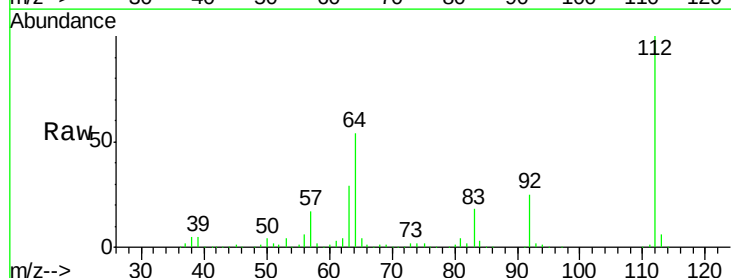
Tgt Ion:112 Resp: 319388

Ion Ratio Lower Upper

112 100

64 53.7 39.7 59.5

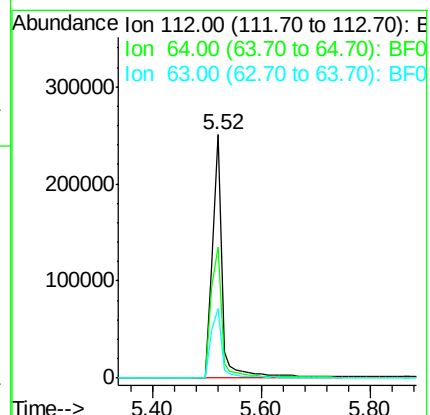
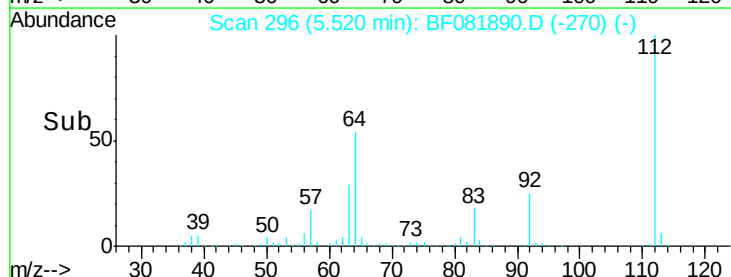
63 28.8 17.4 26.0#

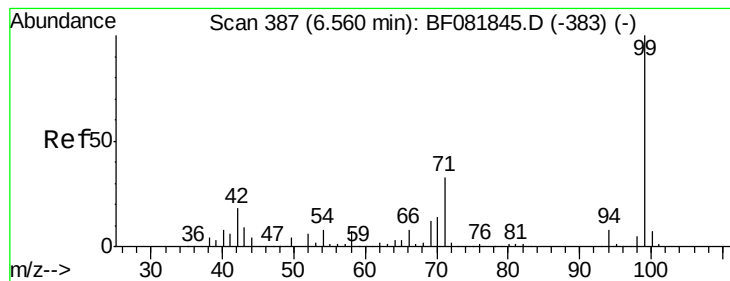


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 61.36 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

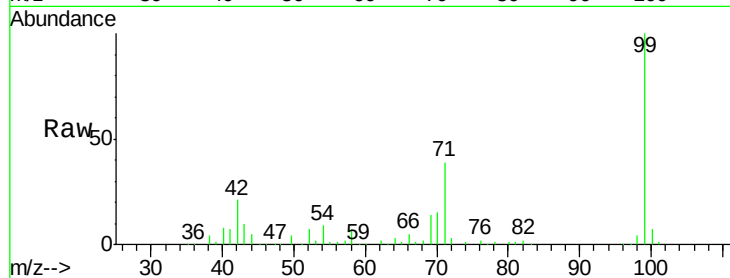
Tgt Ion: 99 Resp: 328934

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

71 39.1 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

300000

250000

200000

150000

100000

50000

0

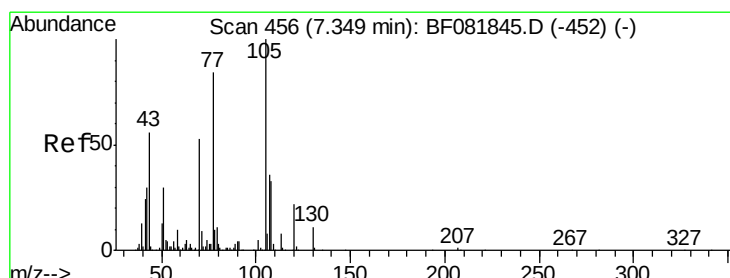
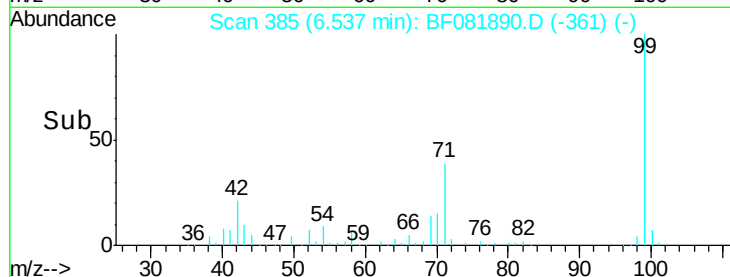
6.40

6.54

6.60

6.80

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.15 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Tgt Ion: 70 Resp: 46115

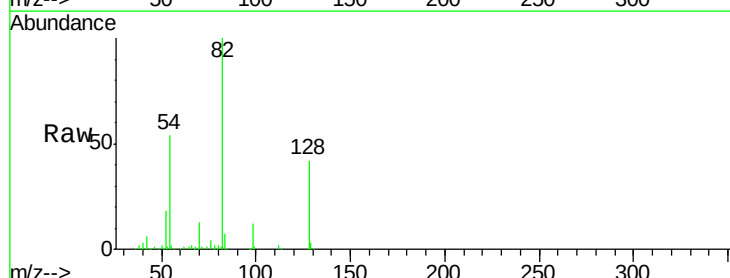
Ion Ratio Lower Upper

70 100

42 45.5 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): BF0

Ion 130.00 (129.70 to 130.70): BF0

60000

50000

40000

30000

20000

10000

0

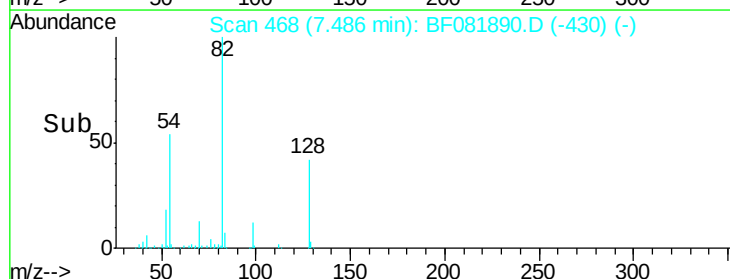
7.40

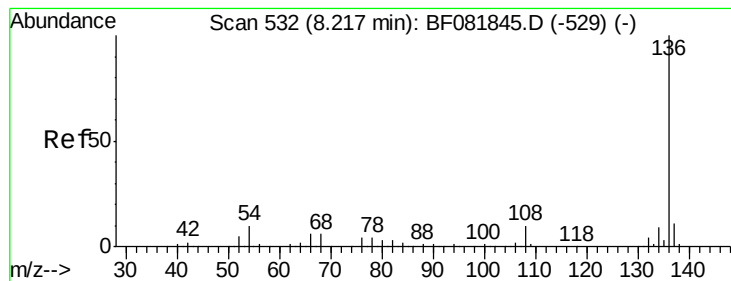
7.49

7.50

7.60

Time-->

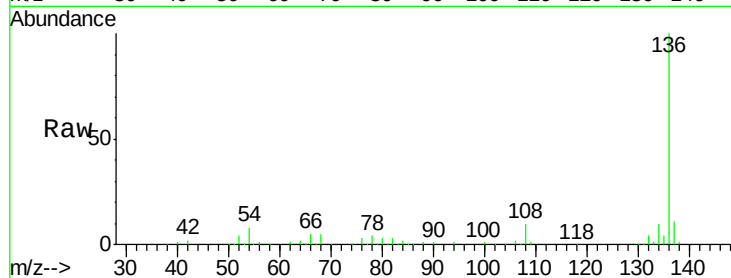




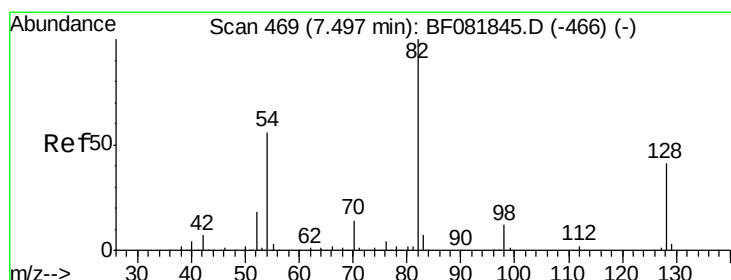
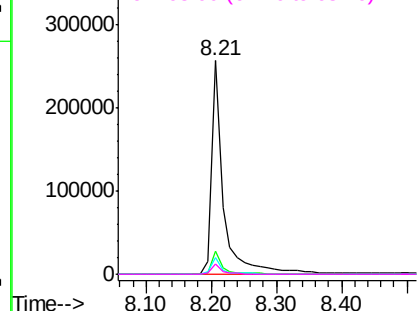
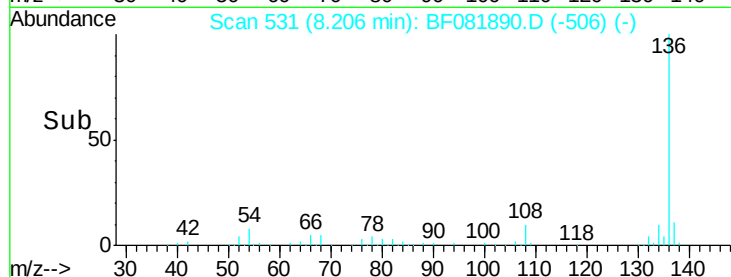
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081890.D
Acq: 29 Sep 2015 20:33

Instrument :
BNA_F
ClientSampleId :
PB85767BL

Tgt Ion:	136	Resp:	330168
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.8	8.2	12.2#
68	4.9	5.8	8.6#

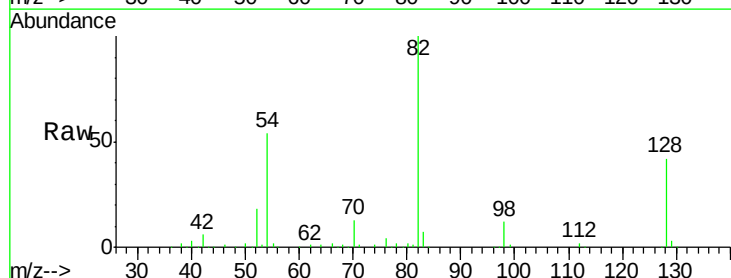


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

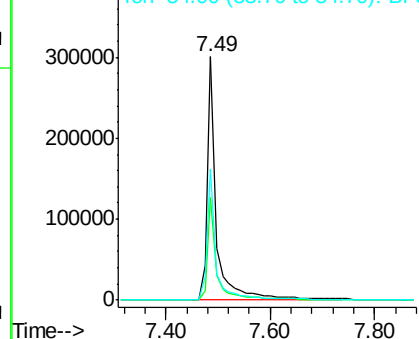
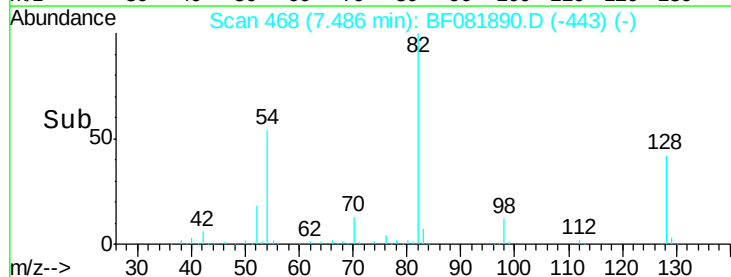


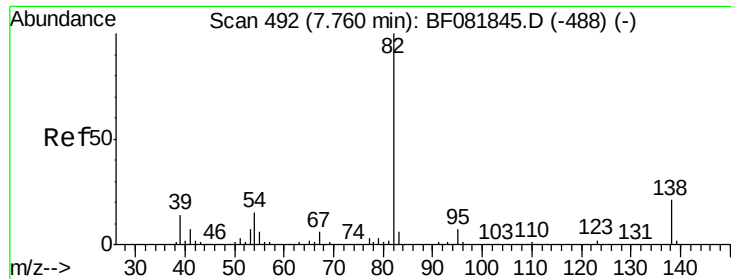
#23
Nitrobenzene-d5
Concen: 75.94 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081890.D
Acq: 29 Sep 2015 20:33

Tgt Ion:	82	Resp:	376134
Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	53.8	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: 34.63 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

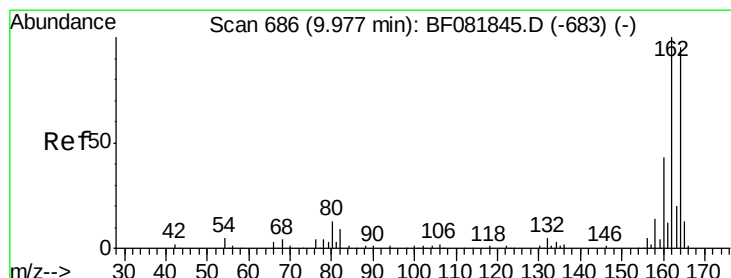
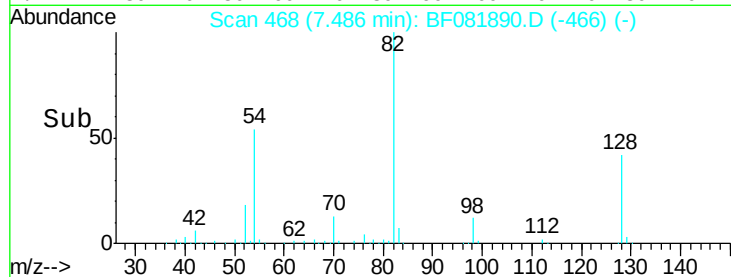
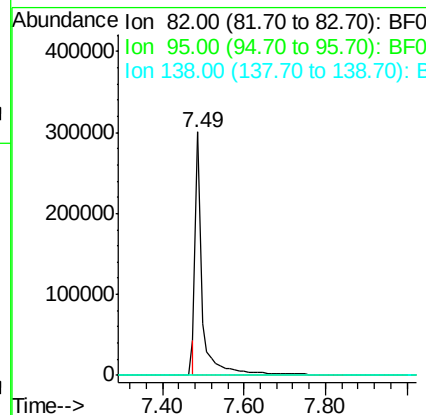
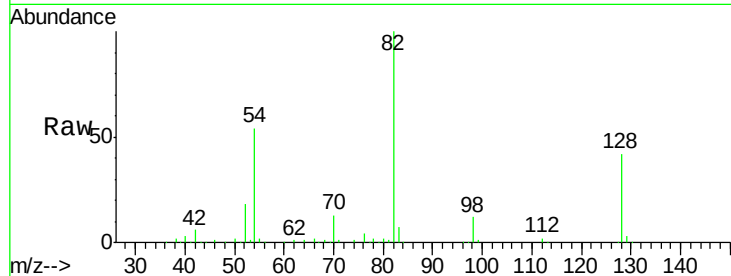
Tgt Ion: 82 Resp: 339927

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: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

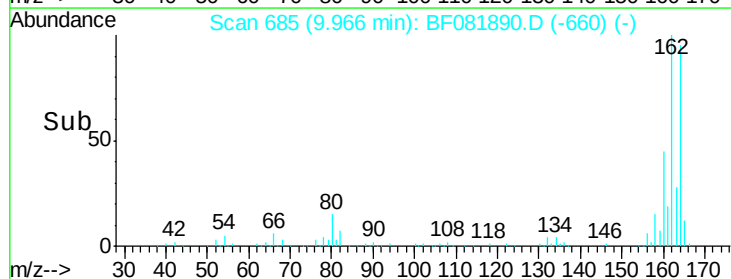
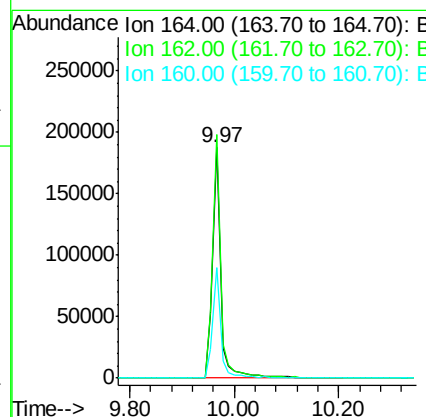
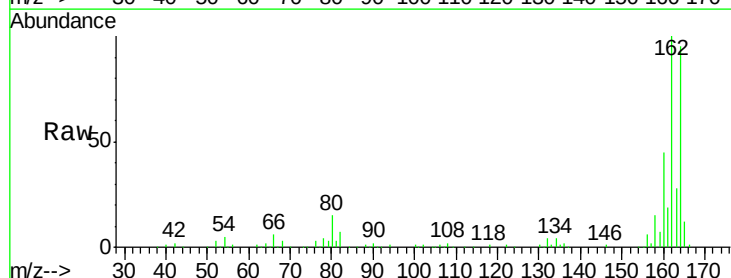
Tgt Ion: 164 Resp: 206894

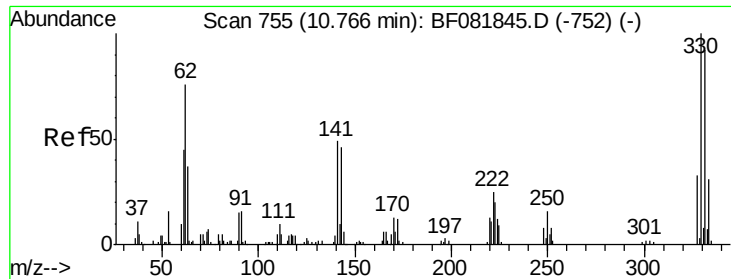
Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

160 47.7 31.5 47.3#

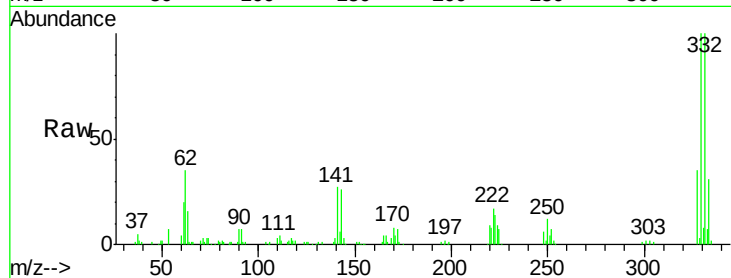




#41
 2,4,6-Tribromophenol
 Concen: 67.54 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	32.6	29.7	44.5

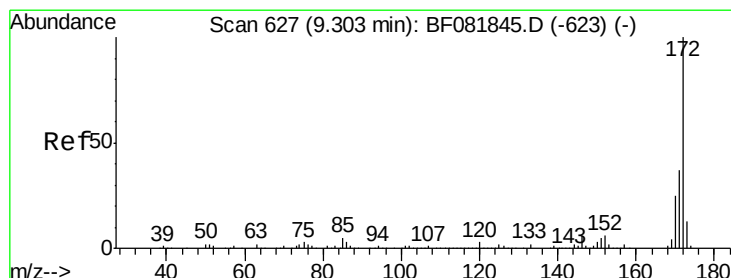
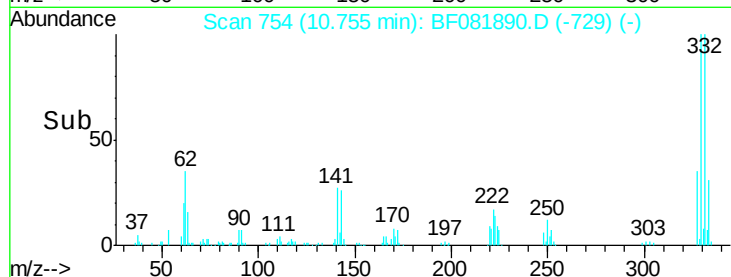
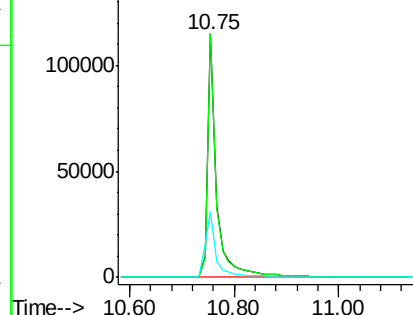


Abundance

Ion 329.80 (329.50 to 330.50): E

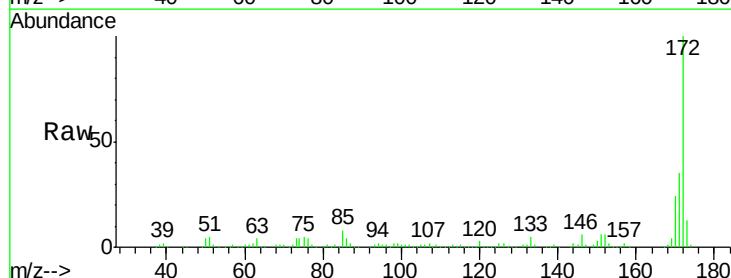
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.87 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.4	17.4	26.2

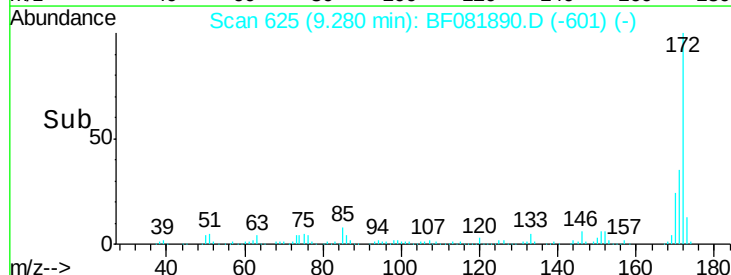
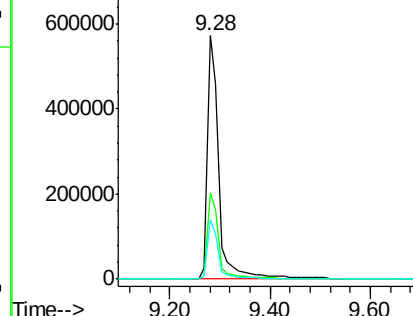


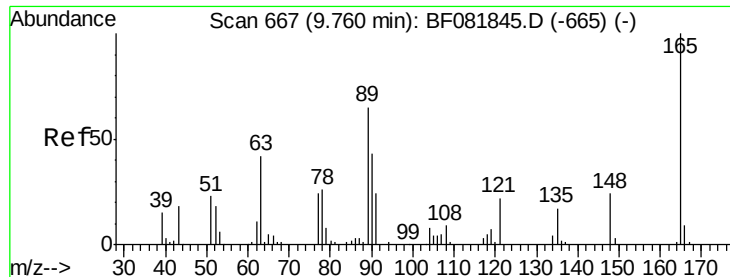
Abundance

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

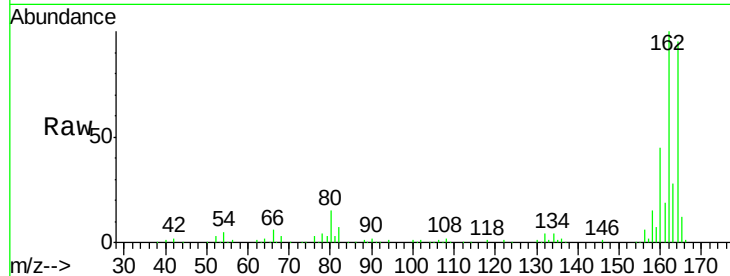




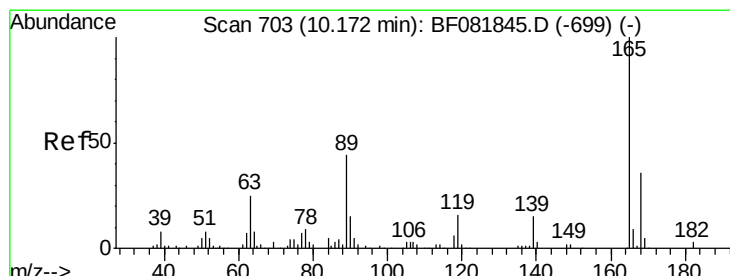
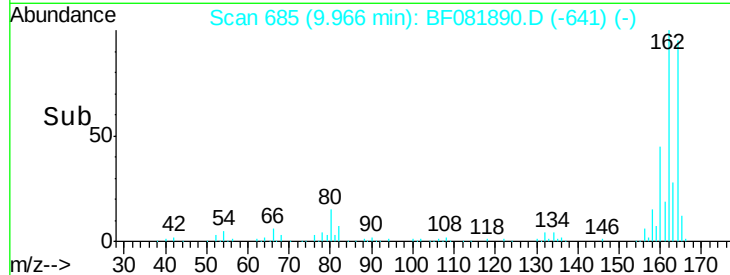
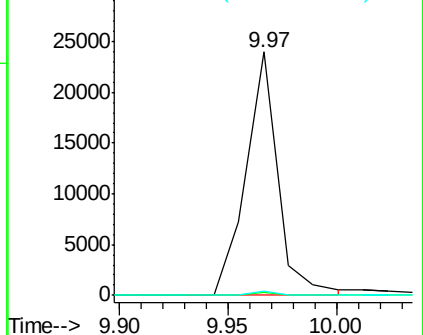
#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.97 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BL

Tgt Ion:165 Resp: 24577
 Ion Ratio Lower Upper
 165 100
 63 1.4 32.3 48.5#
 89 1.7 28.6 43.0#

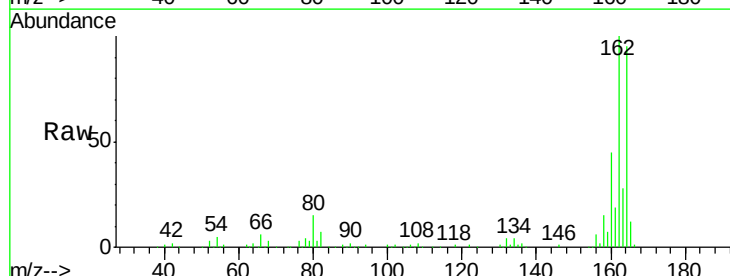


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

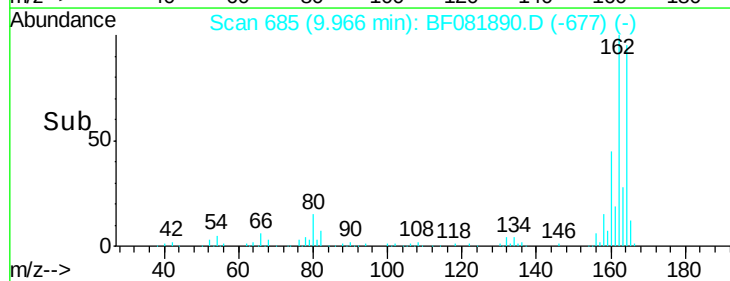
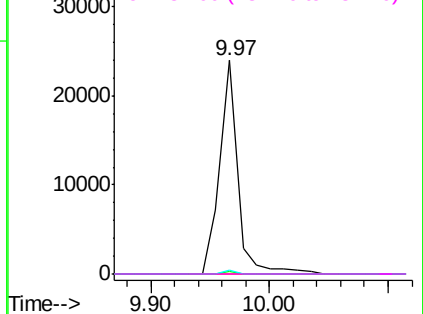


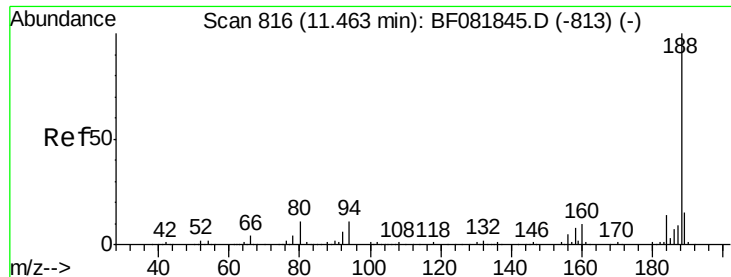
#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Tgt Ion:165 Resp: 25479
 Ion Ratio Lower Upper
 165 100
 63 1.4 29.8 44.6#
 89 1.7 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: BF081890.D

Acq: 29 Sep 2015 20:33

Instrument :

BNA_F

ClientSampleId :

PB85767BL

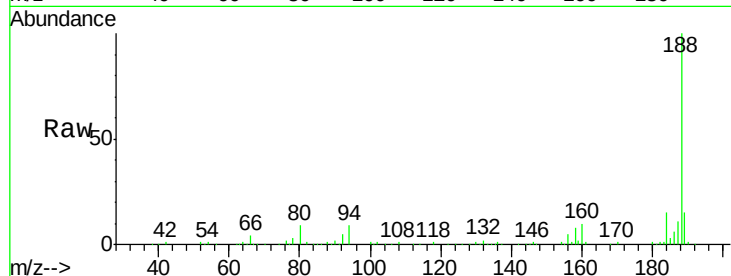
Tgt Ion:188 Resp: 432681

Ion Ratio Lower Upper

188 100

94 8.9 11.1 16.7#

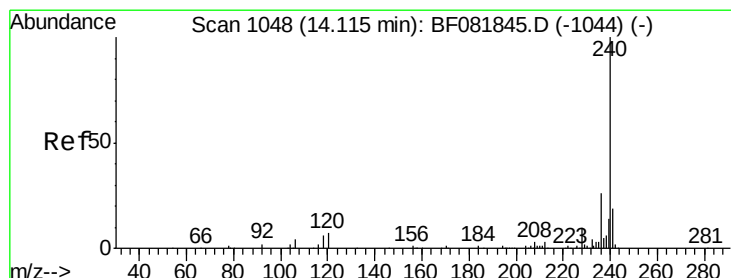
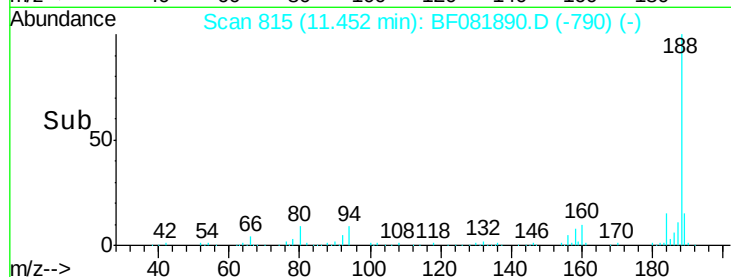
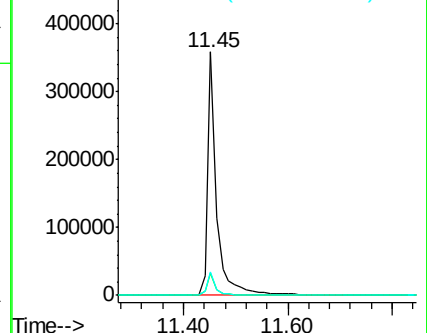
80 9.5 11.0 16.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081890.D

Acq: 29 Sep 2015 20:33

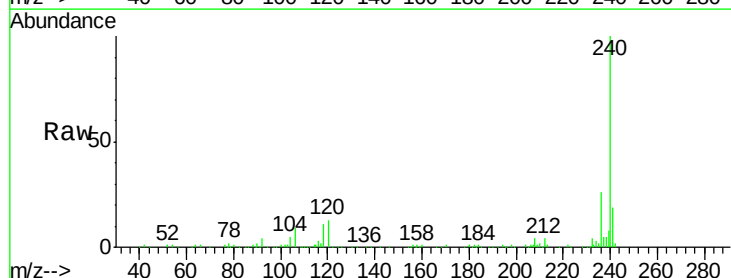
Tgt Ion:240 Resp: 432079

Ion Ratio Lower Upper

240 100

120 12.7 16.2 24.2#

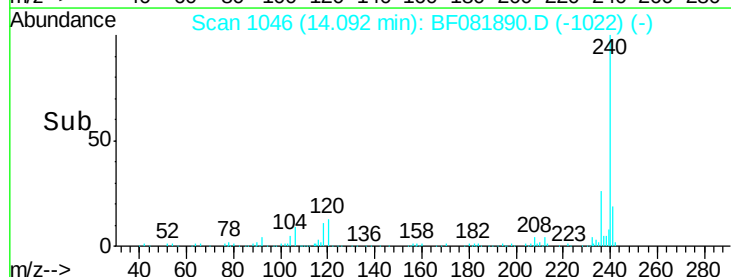
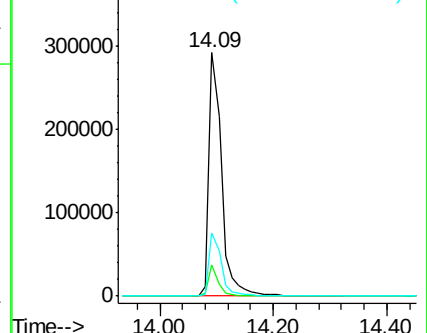
236 25.8 18.4 27.6

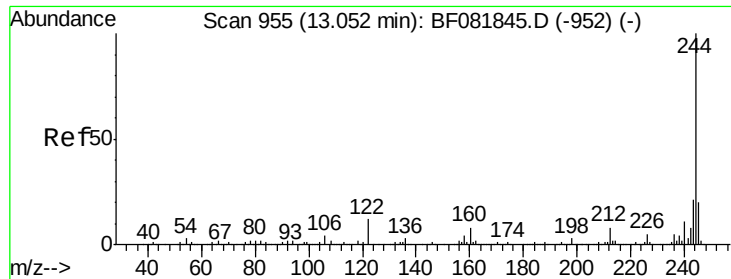


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

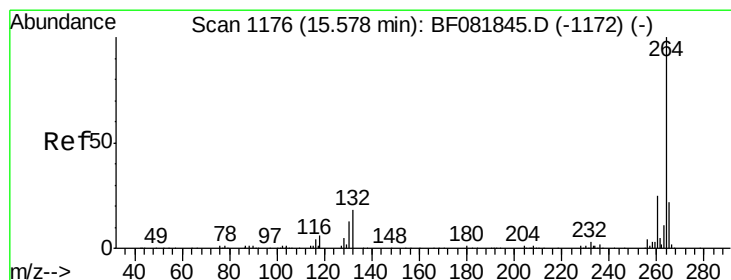
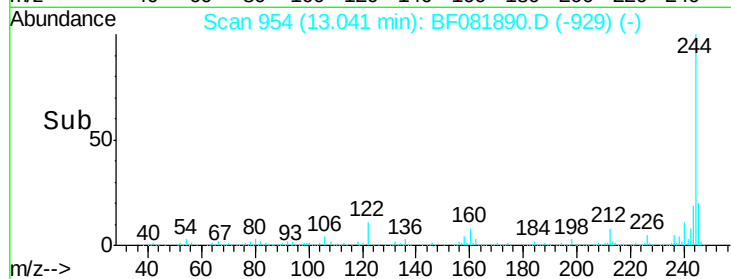
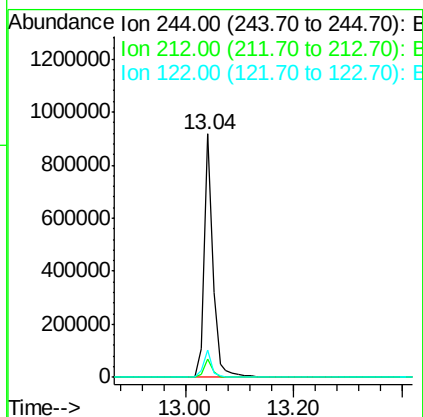
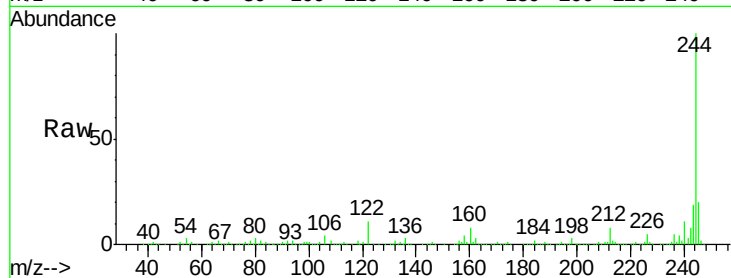




#78
 Terphenyl-d14
 Concen: 72.46 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BL

Tgt Ion:244 Resp: 1009623
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081890.D
 Acq: 29 Sep 2015 20:33

Tgt Ion:264 Resp: 371221
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 20.9 17.2 25.8

