

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082003.D
 Acq On : 3 Oct 2015 4:34
 Operator : UM/IZ
 Sample : PB85910BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BL

Quant Time: Oct 05 06:47:54 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

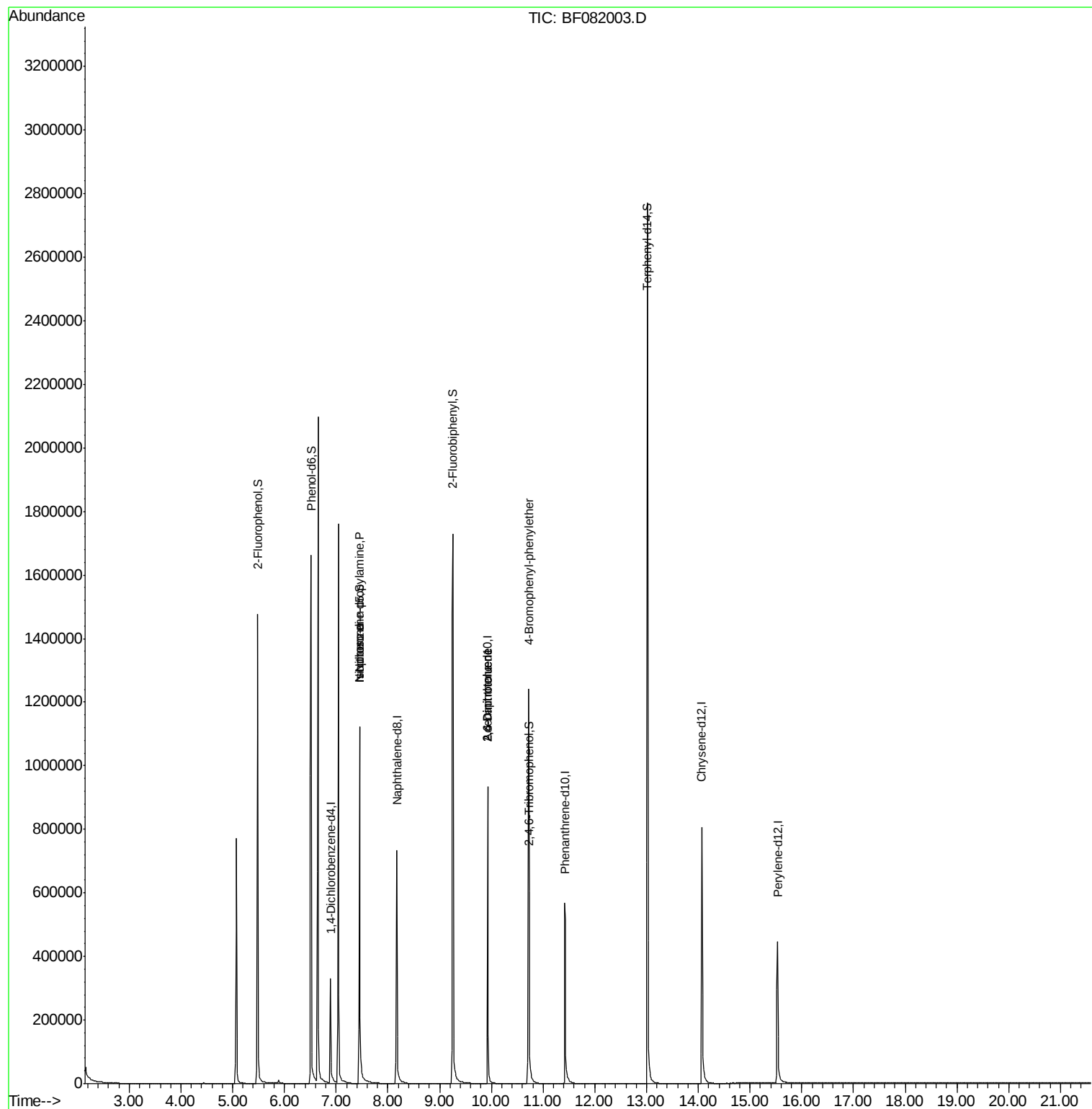
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	97826	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	410212	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	205719	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	404324	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	389604	20.00	ng	-0.05
86) Perylene-d12	15.53	264	292506	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	578826	107.41	ng	-0.03
7) Phenol-d6	6.51	99	779572	114.96	ng	-0.05
23) Nitrobenzene-d5	7.45	82	441556	71.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	201184	96.56	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	942187	74.89	ng	-0.05
78) Terphenyl-d14	13.02	244	1016504	83.99	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	55381	13.44	ng	# 57
25) Isophorone	7.45	82	401678	32.93	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	25310	8.21	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	25515	6.49	ng	# 33
57) Fluorene	10.72	166	7621	Below Cal		# 78
66) 4-Bromophenyl-phenylether	10.72	248	12658	3.10	ng	# 1
73) Di-n-butylphthalate	11.99	149	553	Below Cal		# 78

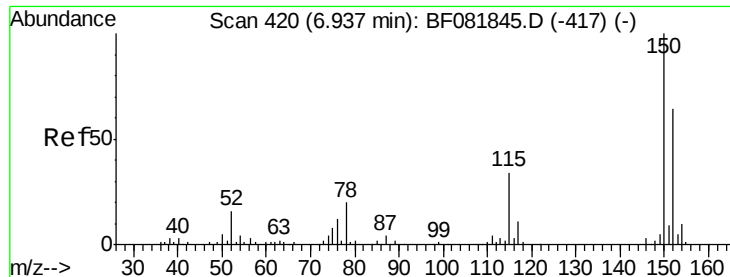
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

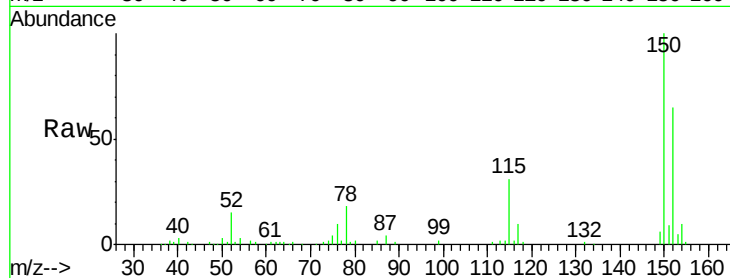
Tgt Ion:152 Resp: 97826

Ion Ratio Lower Upper

152 100

150 154.1 124.7 187.1

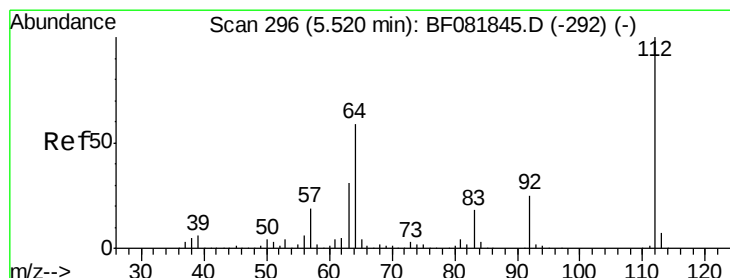
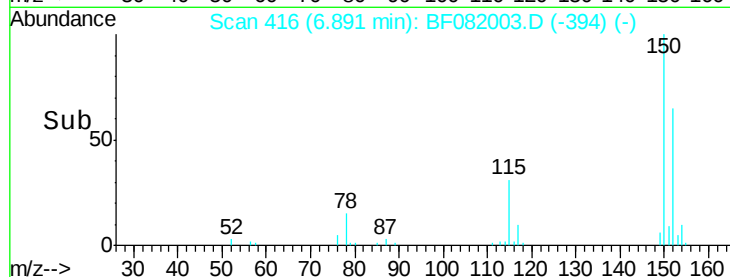
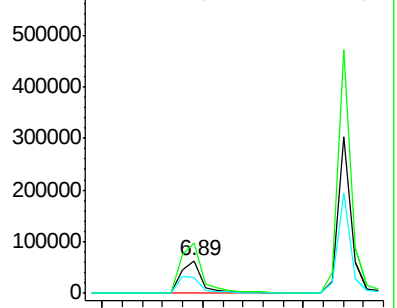
115 48.1 39.0 58.4



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: 107.41 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

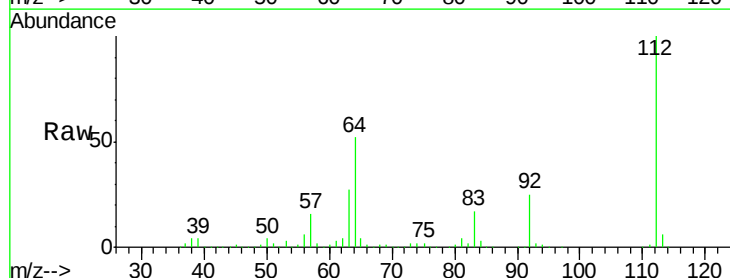
Tgt Ion:112 Resp: 578826

Ion Ratio Lower Upper

112 100

64 52.3 39.7 59.5

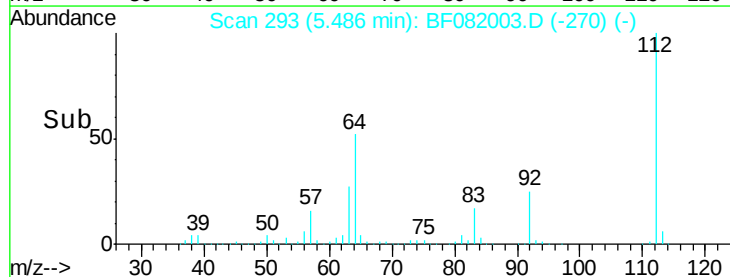
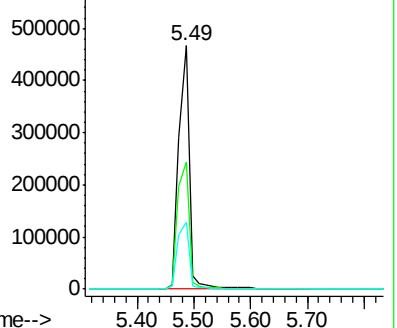
63 27.4 17.4 26.0#

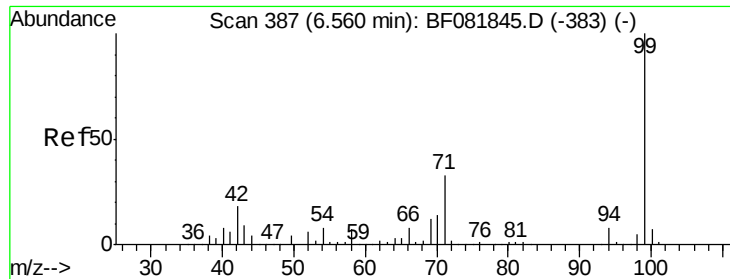


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.96 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

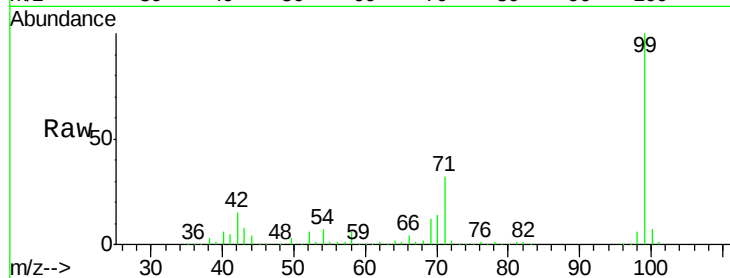
Tgt Ion: 99 Resp: 779572

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

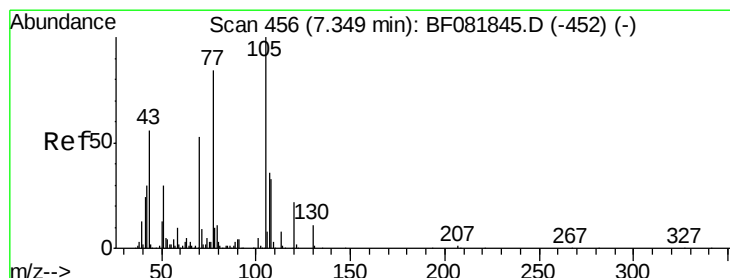
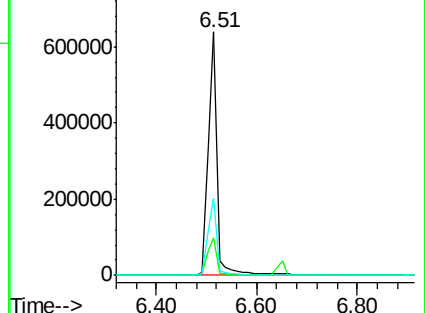
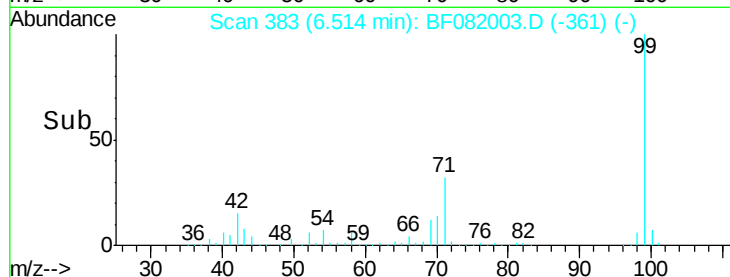
71 31.6 14.2 21.2#



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: 13.44 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Tgt Ion: 70 Resp: 55381

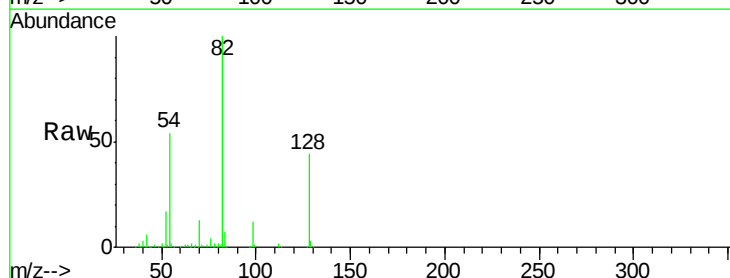
Ion Ratio Lower Upper

70 100

42 45.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

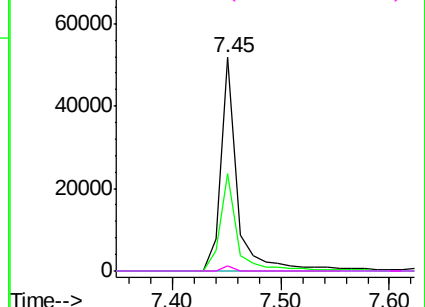
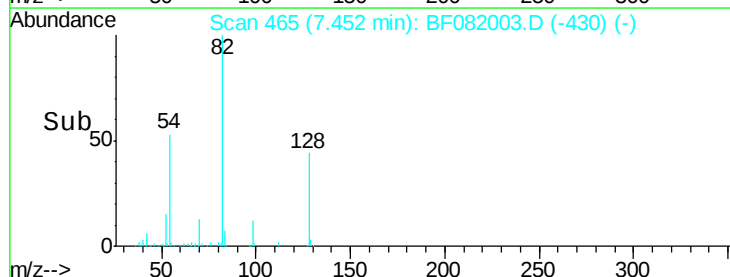


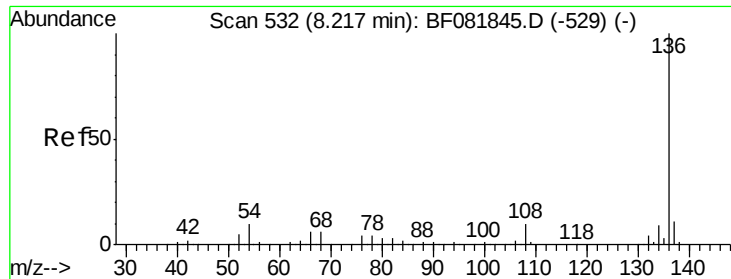
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

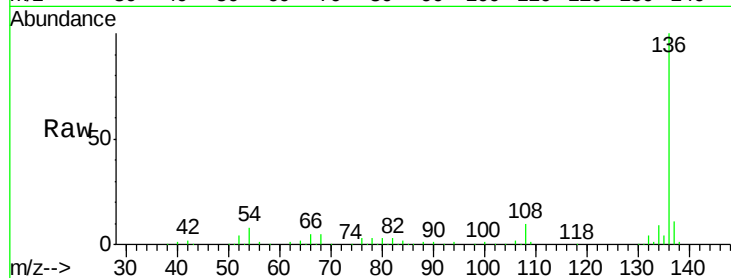




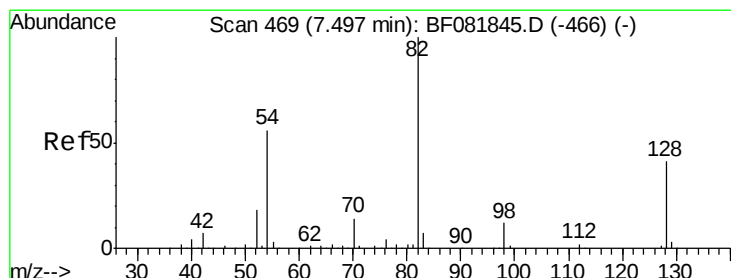
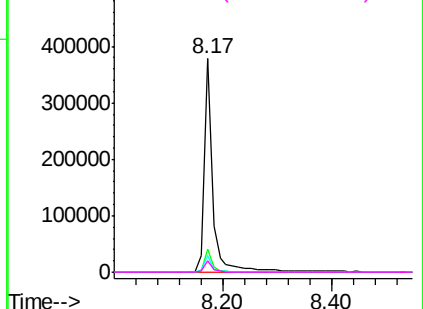
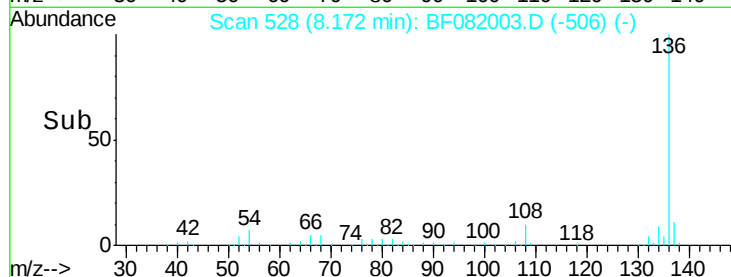
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:	136	Resp:	410212
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	7.6	8.2	12.2#
68	5.4	5.8	8.6#

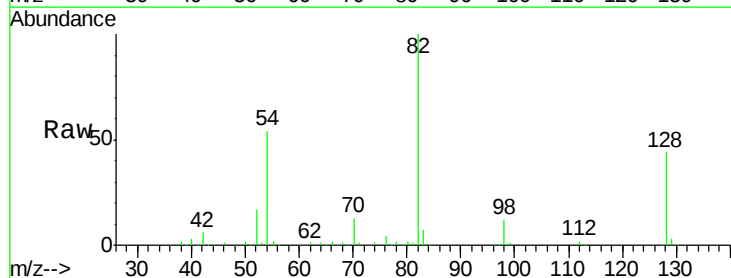


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

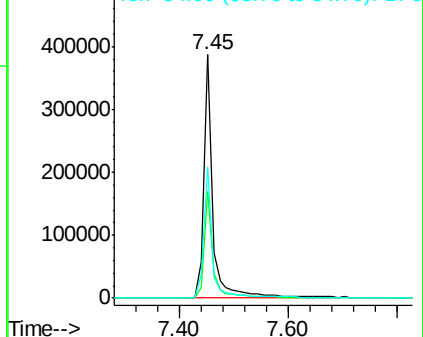
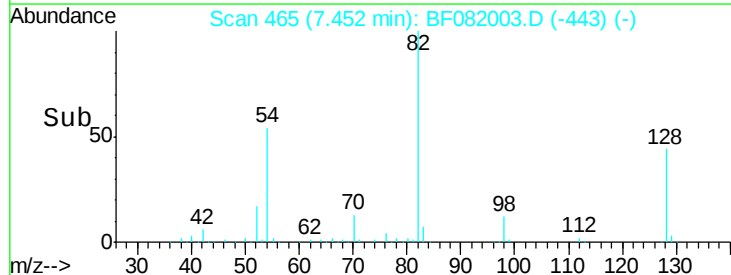


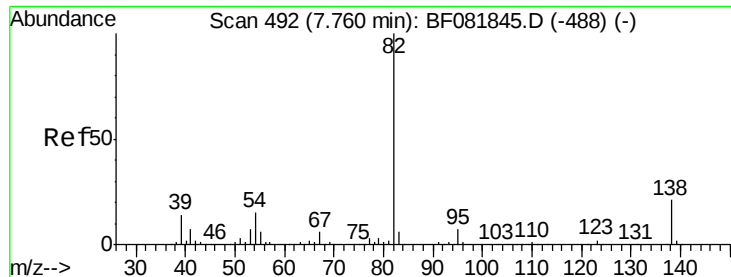
#23
Nitrobenzene-d5
Concen: 71.75 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:	82	Resp:	441556
Ion Ratio	Lower	Upper	
82	100		
128	43.8	51.0	76.6#
54	54.0	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: 32.93 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

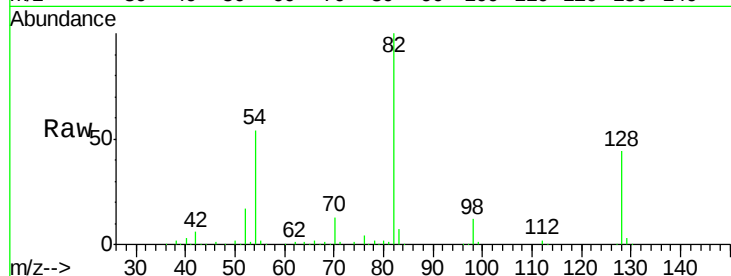
Tgt Ion: 82 Resp: 401678

Ion Ratio Lower Upper

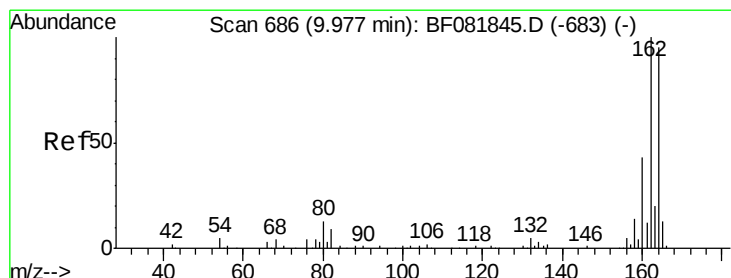
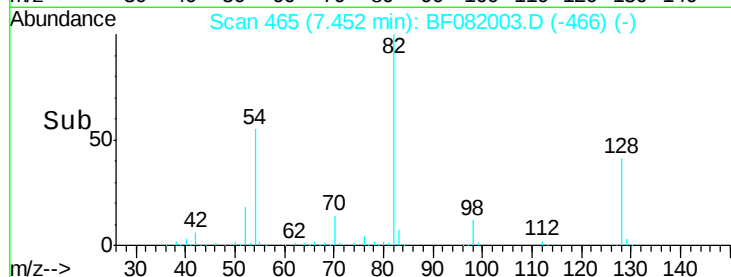
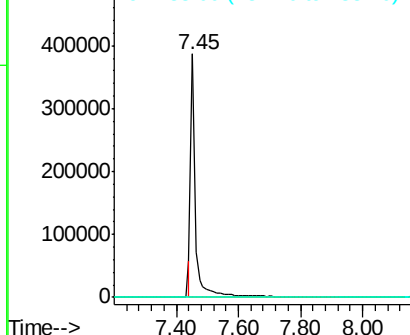
82 100

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: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

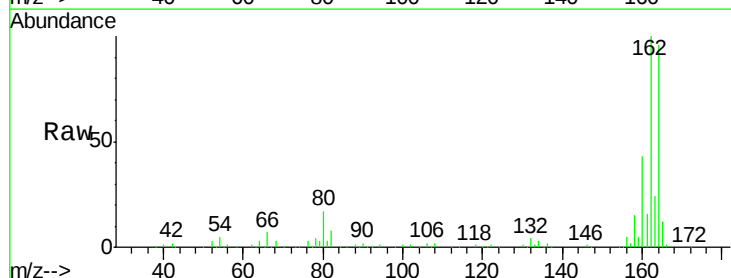
Tgt Ion: 164 Resp: 205719

Ion Ratio Lower Upper

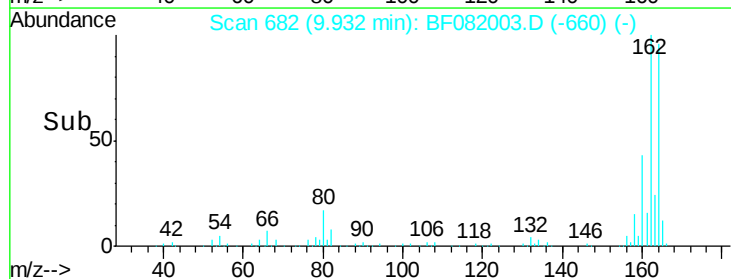
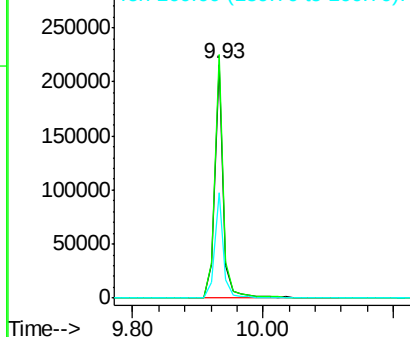
164 100

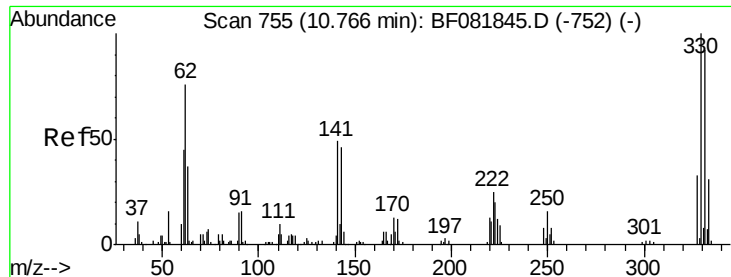
162 104.2 75.2 112.8

160 45.1 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

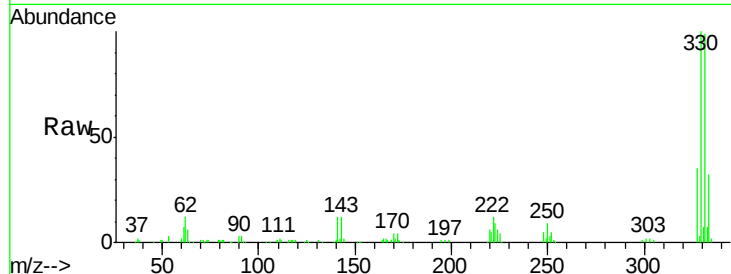




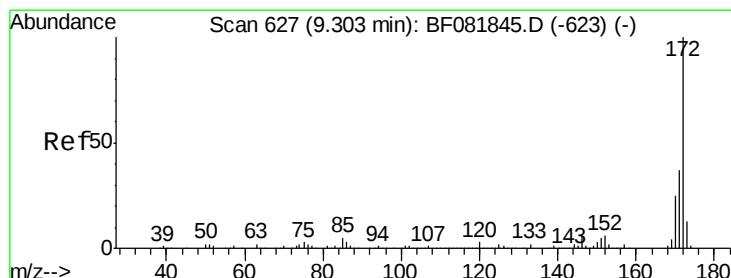
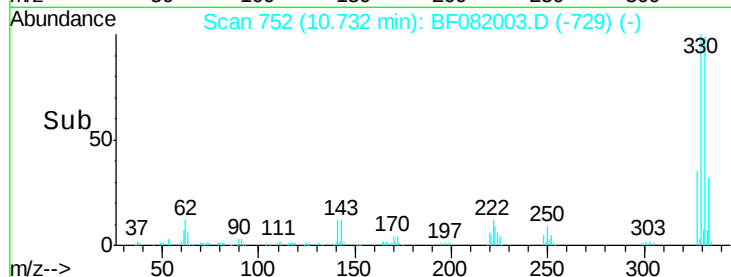
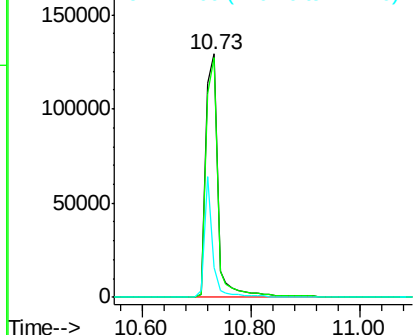
#41
 2,4,6-Tribromophenol
 Concen: 96.56 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082003.D
 Acq: 3 Oct 2015 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85910BL

Tgt Ion:330 Resp: 201184
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 33.4 29.7 44.5

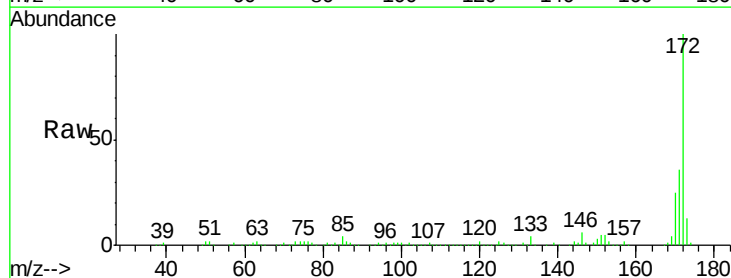


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

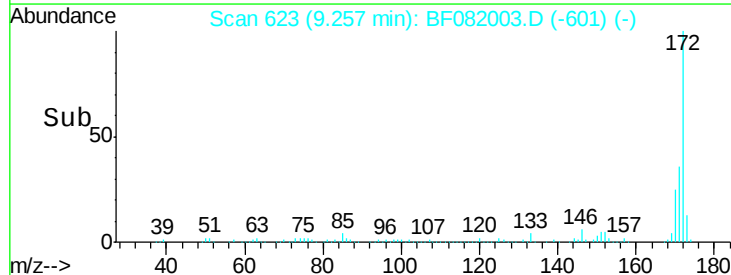
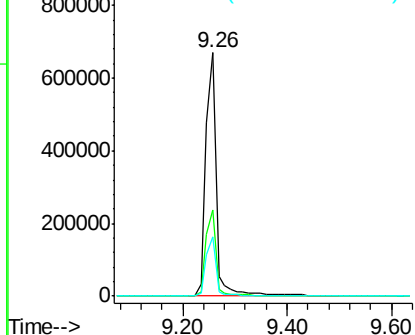


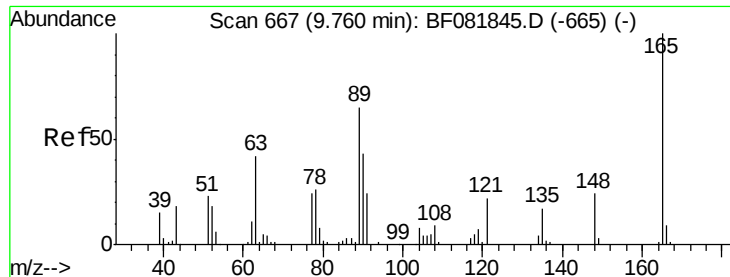
#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082003.D
 Acq: 3 Oct 2015 4:34

Tgt Ion:172 Resp: 942187
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.5 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

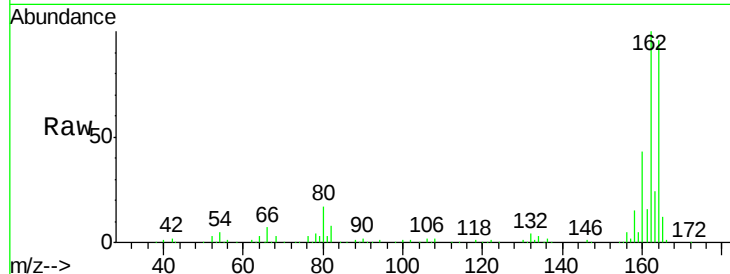




#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

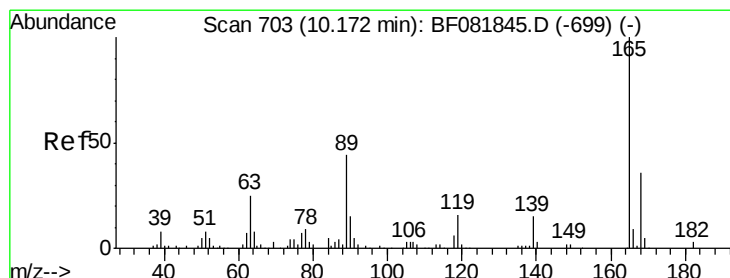
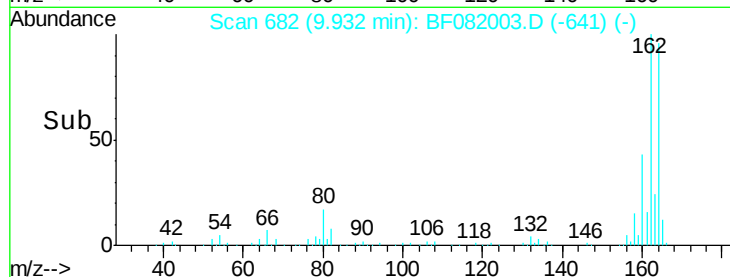
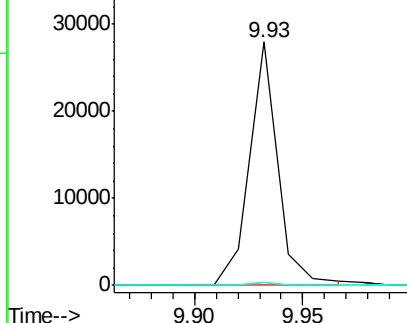
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.3	48.5#
89	1.3	28.6	43.0#



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: 6.49 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

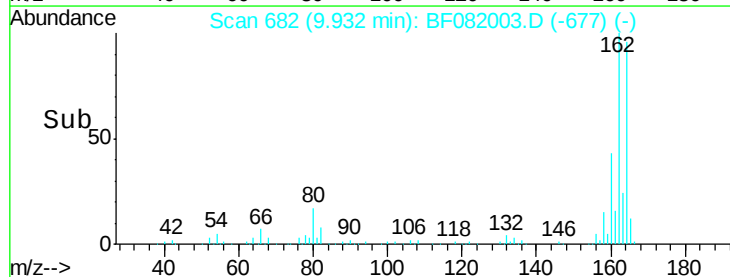
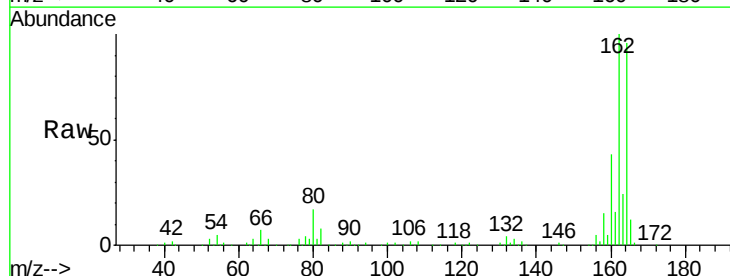
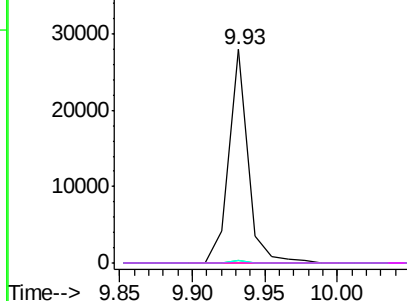
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

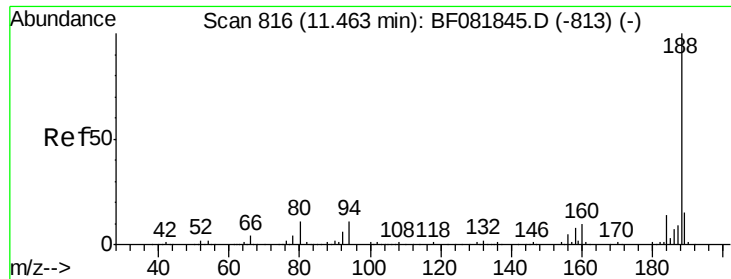
Abundance Ion 165.00 (164.70 to 165.70): E

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

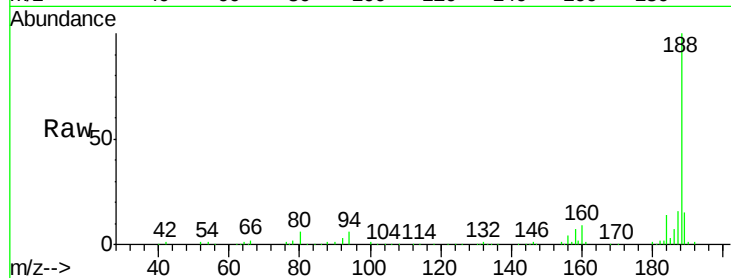




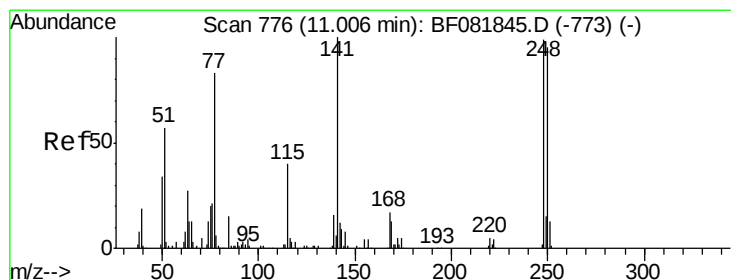
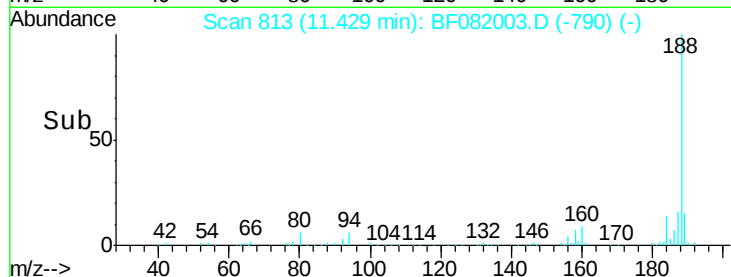
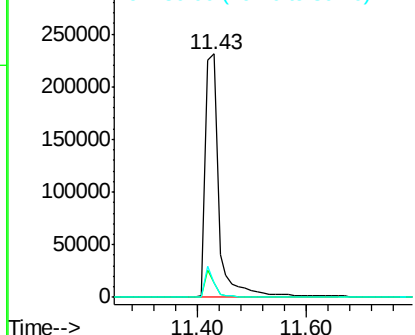
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion:188 Resp: 404324
Ion Ratio Lower Upper
188 100
94 5.9 11.1 16.7#
80 5.9 11.0 16.4#

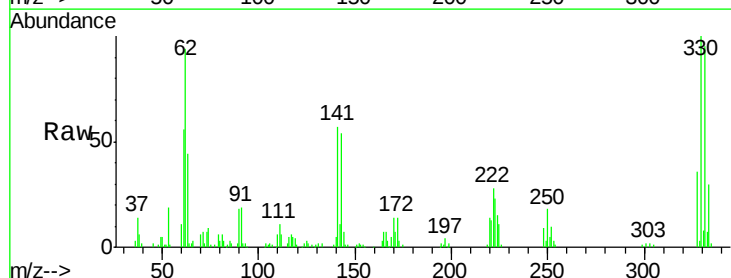


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

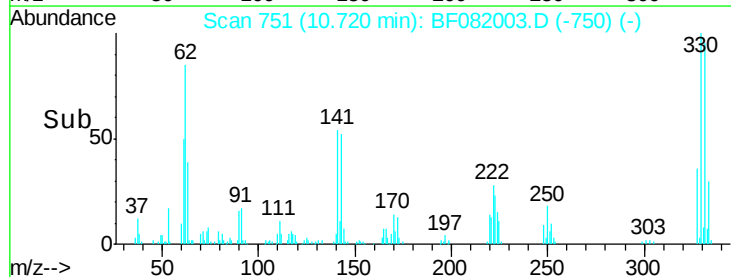
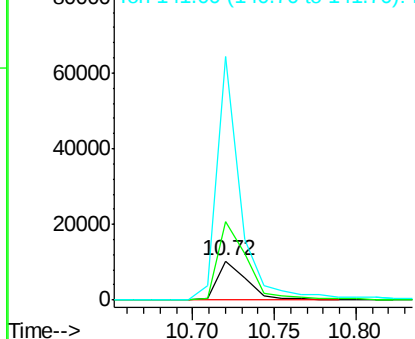


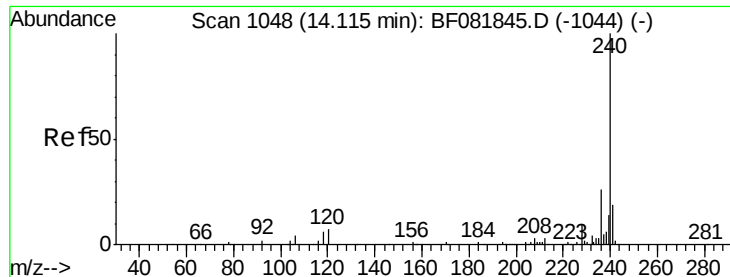
#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Tgt Ion:248 Resp: 12658
Ion Ratio Lower Upper
248 100
250 201.0 78.5 117.7#
141 622.3 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

Instrument :

BNA_F

ClientSampleId :

PB85910BL

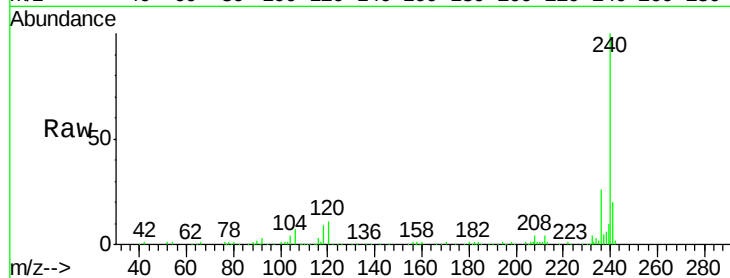
Tgt Ion:240 Resp: 389604

Ion Ratio Lower Upper

240 100

120 10.6 16.2 24.2#

236 26.2 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

14.07

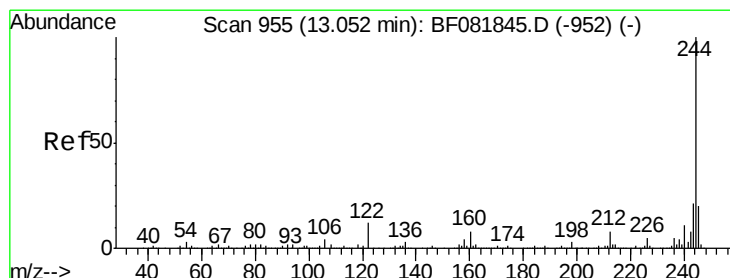
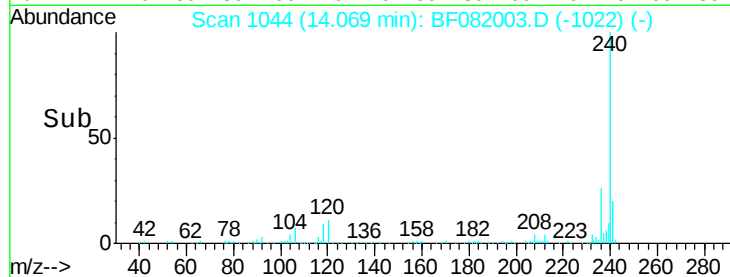
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 83.99 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082003.D

Acq: 3 Oct 2015 4:34

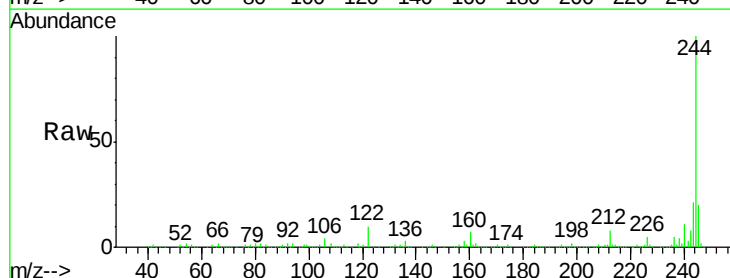
Tgt Ion:244 Resp: 1016504

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

122 10.3 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

13.02

1200000

1000000

800000

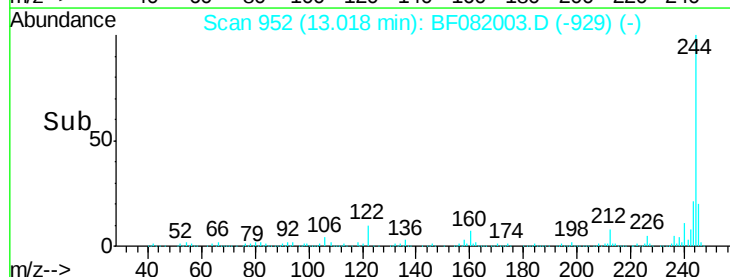
600000

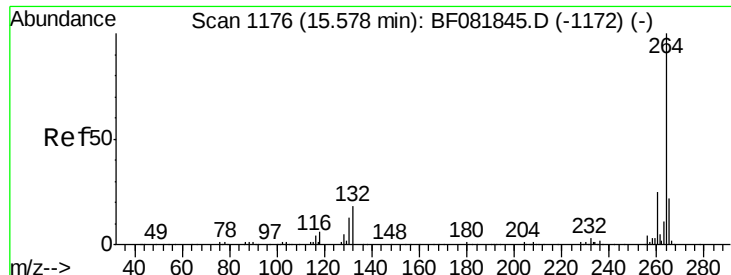
400000

200000

0

Time-->

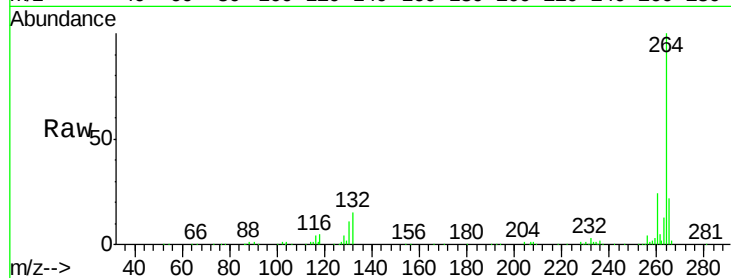




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082003.D
Acq: 3 Oct 2015 4:34

Instrument :
BNA_F
ClientSampleId :
PB85910BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.6	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

