

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082103.D
 Acq On : 7 Oct 2015 14:29
 Operator : UM/IZ
 Sample : PB85943BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Quant Time: Oct 08 02:50:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

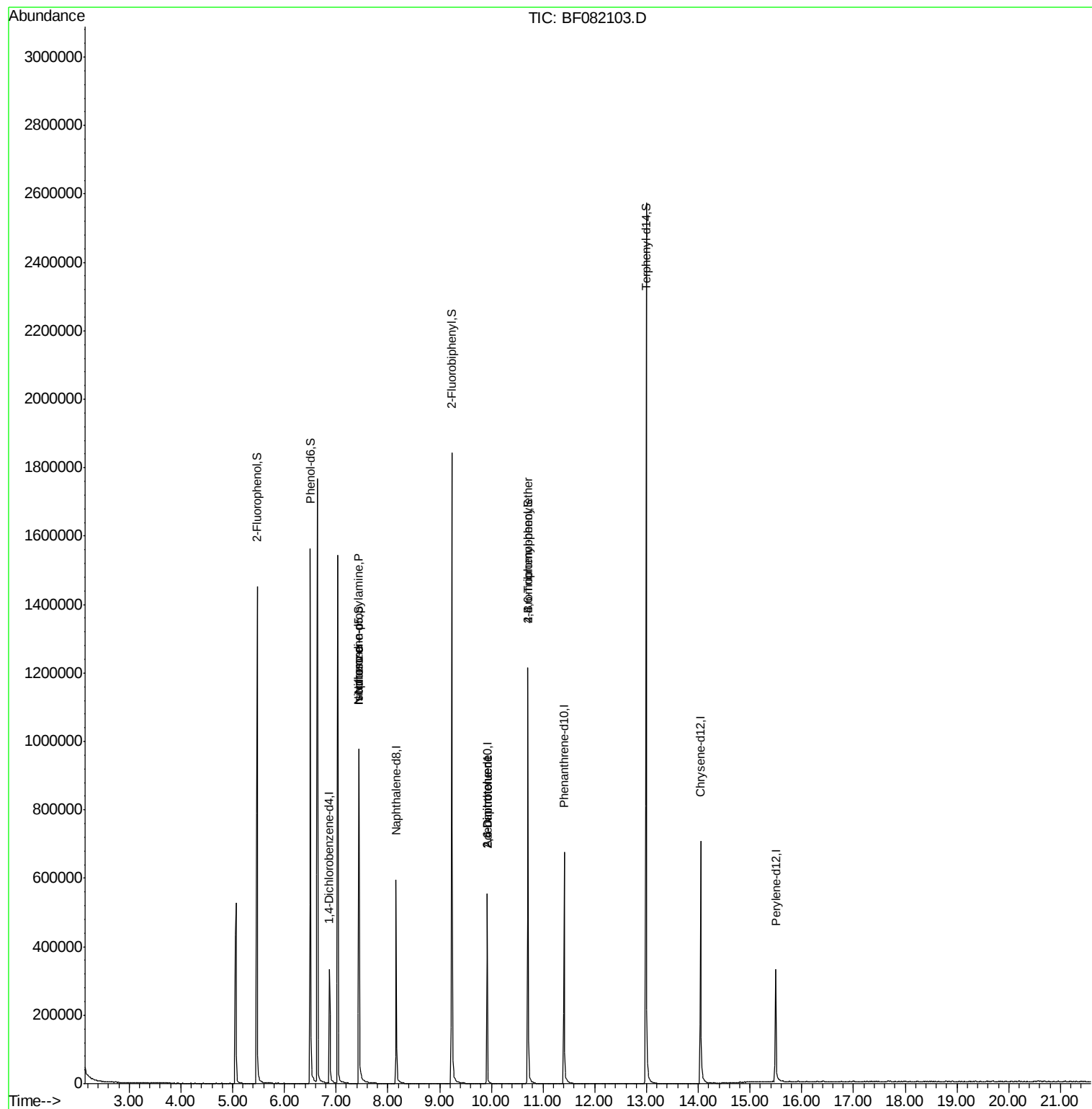
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77229	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	316681	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	154952	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	327786	20.00	ng	0.00
75) Chrysene-d12	14.05	240	324477	20.00	ng	-0.01
86) Perylene-d12	15.50	264	237776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	492236	115.70	ng	0.01
7) Phenol-d6	6.50	99	603432	112.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	380539	80.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	178671	113.85	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	736336	78.31	ng	-0.01
78) Terphenyl-d14	13.00	244	922068	94.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	48055	14.77	ng	# 57
25) Isophorone	7.44	82	324568	34.47	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	18757	8.08	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	18758	6.34	ng	# 31
57) Fluorene	10.71	166	7555	Below Cal		# 89
66) 4-Bromophenyl-phenylether	10.71	248	11885	3.60	ng	# 1
73) Di-n-butylphthalate	11.97	149	585	Below Cal		# 78

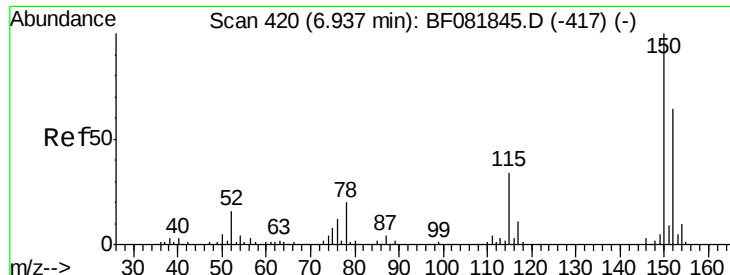
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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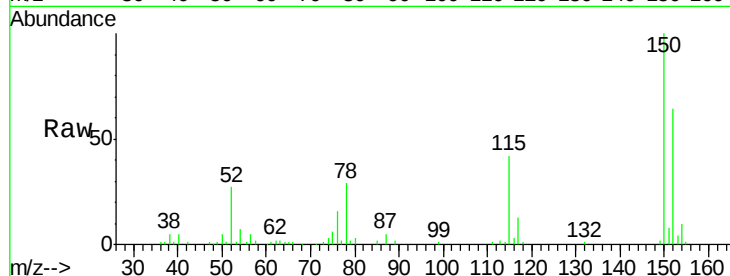


#1

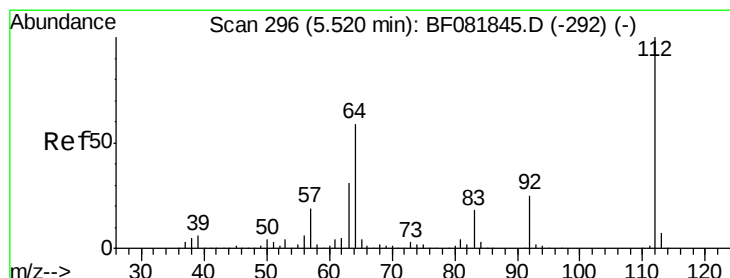
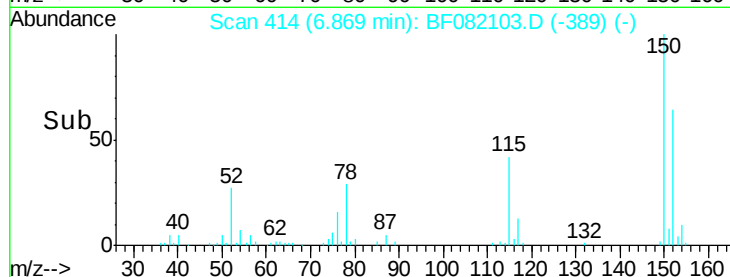
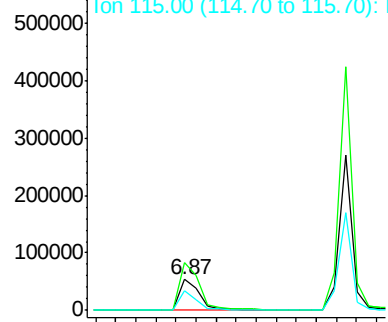
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082103.D
Acq: 7 Oct 2015 14:29

Instrument :
BNA_F
ClientSampleId :
PB85943BL

Tot Ion:152 Resp: 77229
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 65.2 39.0 58.4#



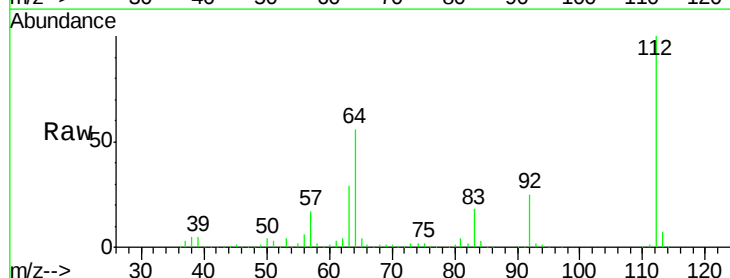
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



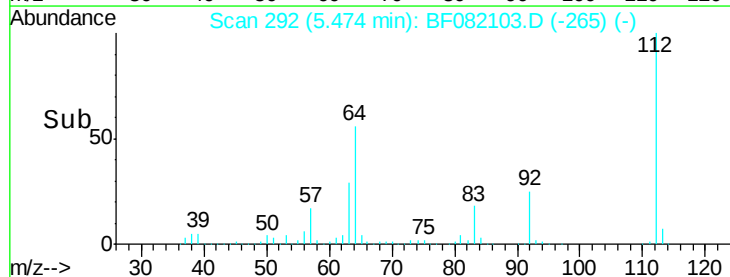
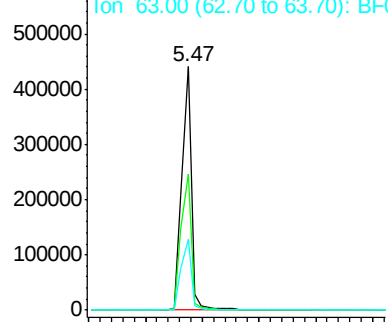
#5

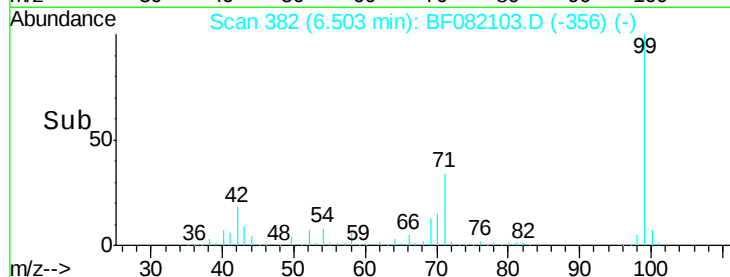
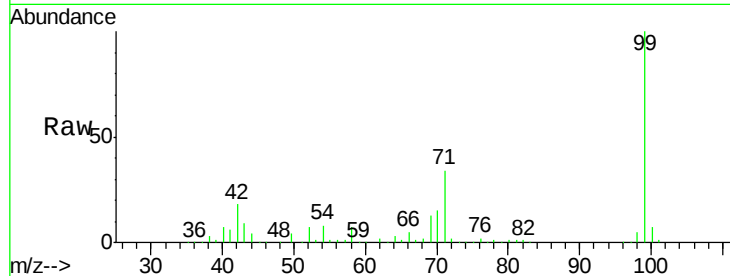
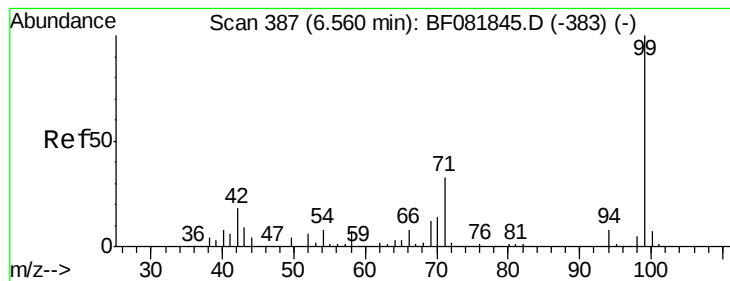
2-Fluorophenol
Concen: 115.70 ng
RT: 5.47 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF082103.D
Acq: 7 Oct 2015 14:29

Tgt Ion:112 Resp: 492236
Ion Ratio Lower Upper
112 100
64 55.8 39.7 59.5
63 29.1 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: 112.72 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Instrument :

BNA_F

ClientSampleId :

PB85943BL

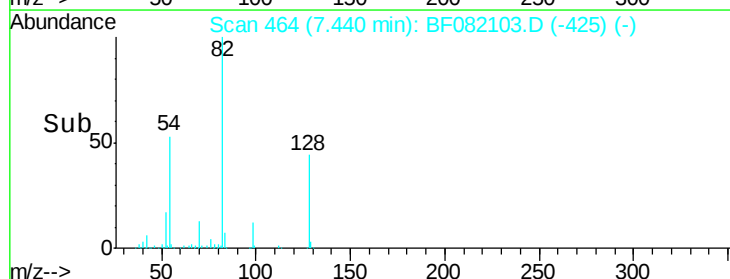
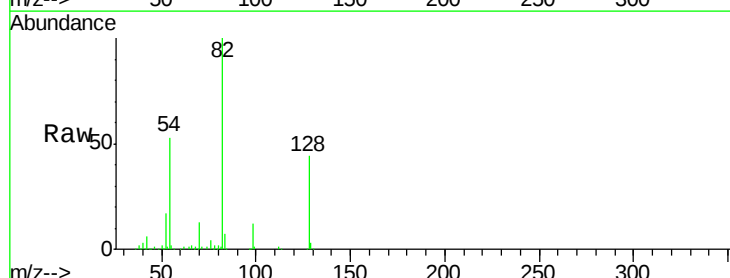
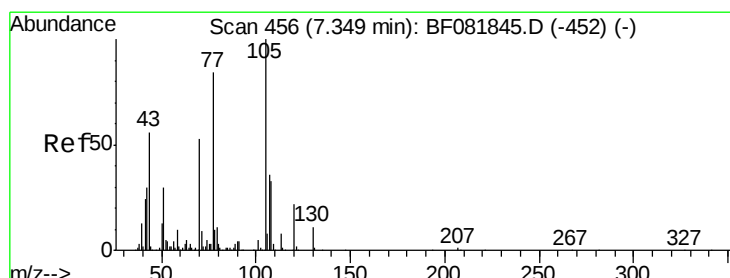
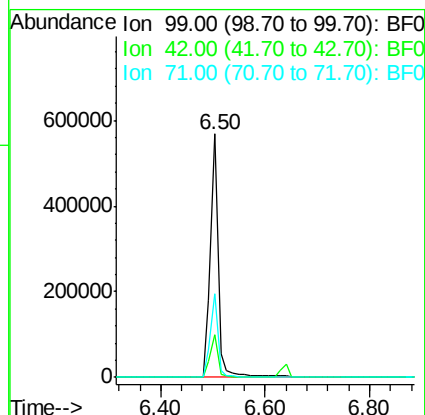
Tot Ion: 99 Resp: 603432

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 34.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.77 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Tgt Ion: 70 Resp: 48055

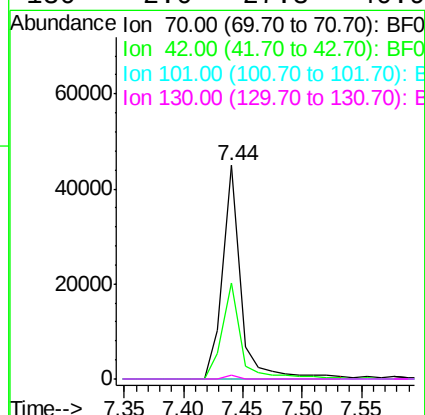
Ion Ratio Lower Upper

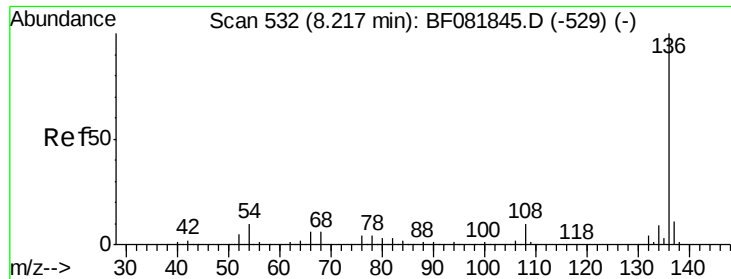
70 100

42 45.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

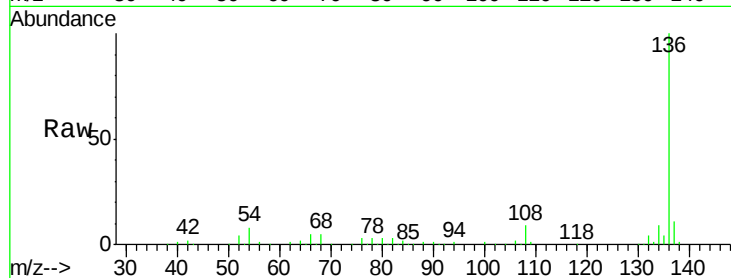




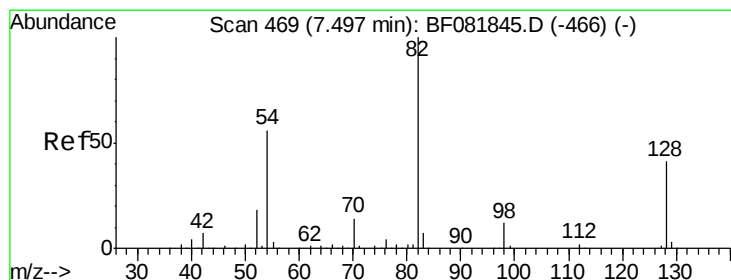
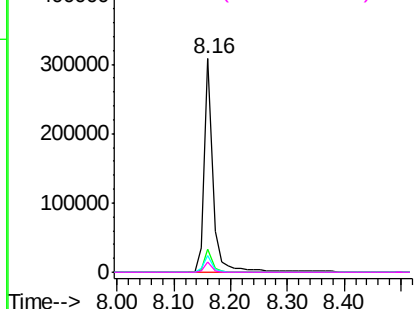
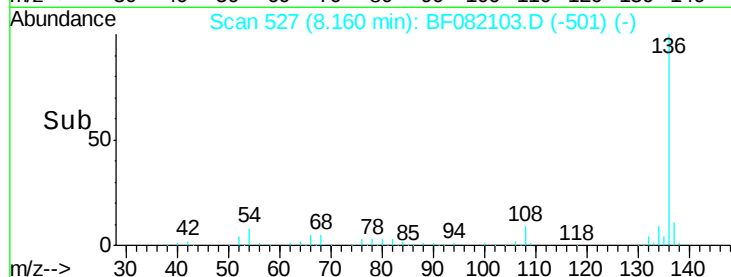
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF082103.D
Acq: 7 Oct 2015 14:29

Instrument :
BNA_F
ClientSampleId :
PB85943BL

Tot Ion:136	Resp:	316681
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	7.8	8.2 12.2#
68	5.1	5.8 8.6#

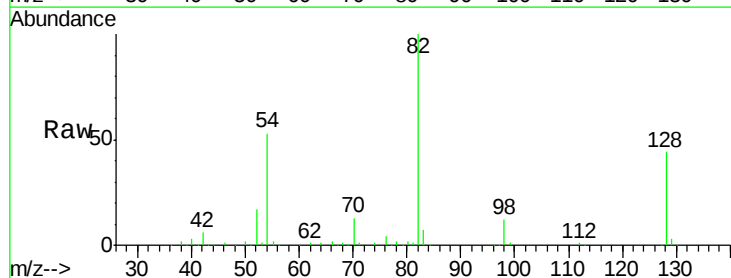


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

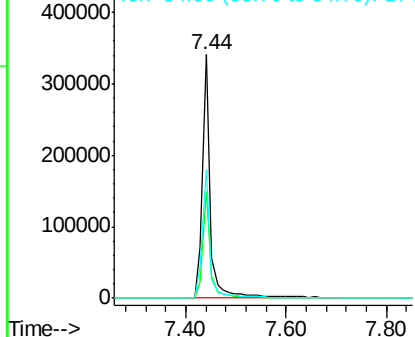
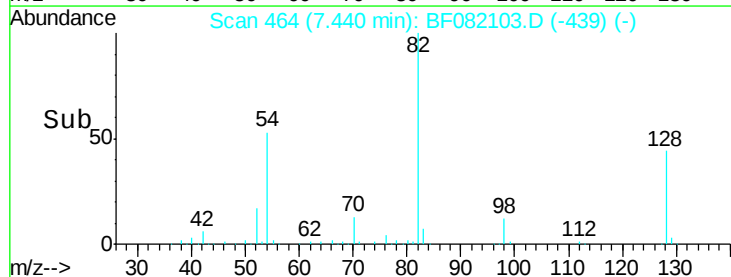


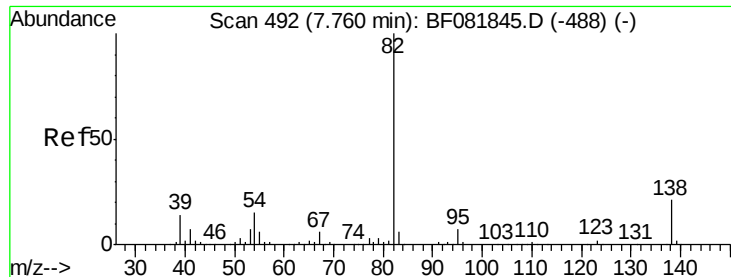
#23
Nitrobenzene-d5
Concen: 80.10 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082103.D
Acq: 7 Oct 2015 14:29

Tgt Ion: 82	Resp:	380539
Ion Ratio	Lower	Upper
82	100	
128	43.6	51.0 76.6#
54	52.9	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: 34.47 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Instrument :

BNA_F

ClientSampleId :

PB85943BL

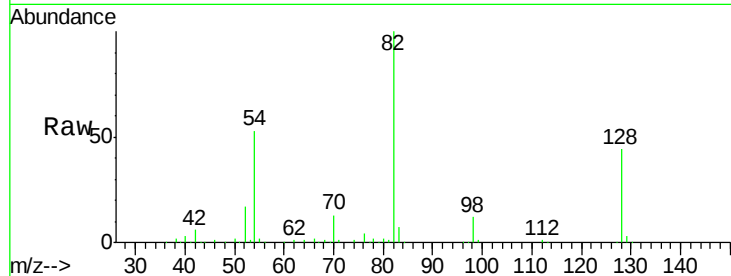
Tot Ion: 82 Resp: 324568

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

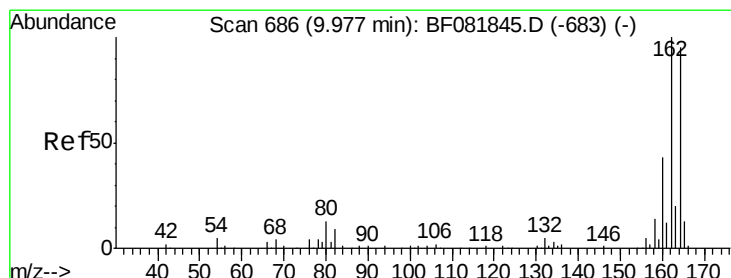
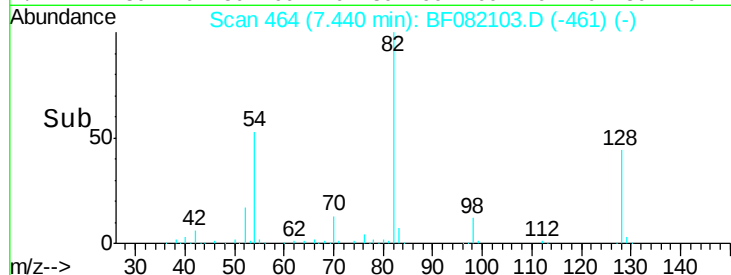
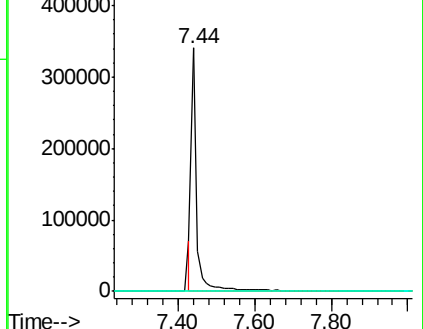
138 0.0 18.3 27.5#



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: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

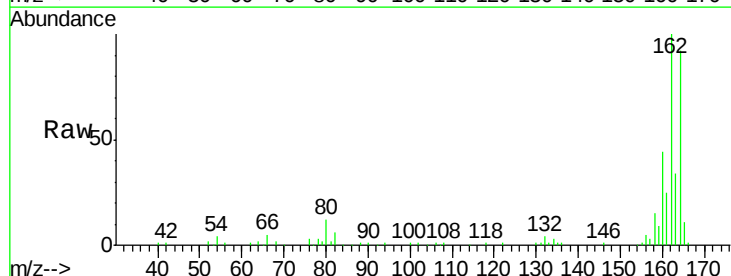
Tgt Ion: 164 Resp: 154952

Ion Ratio Lower Upper

164 100

162 108.2 75.2 112.8

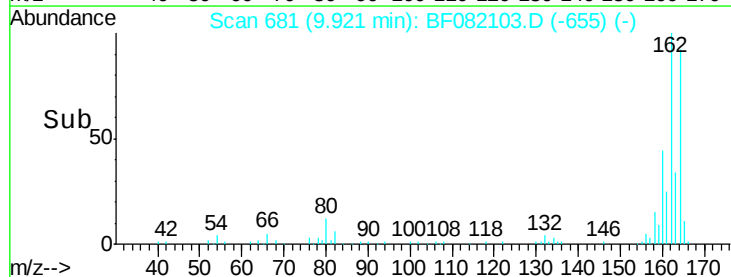
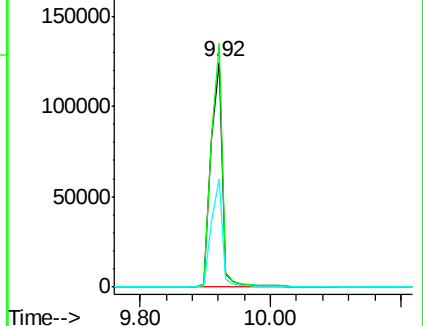
160 48.0 31.5 47.3#

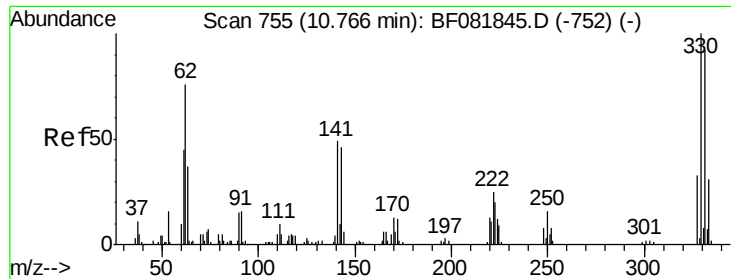


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

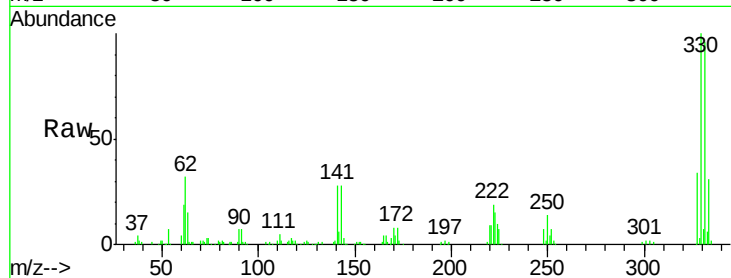




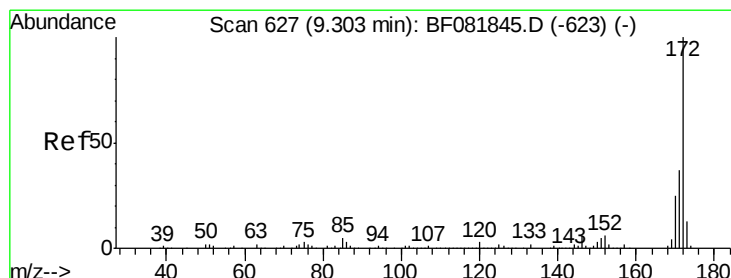
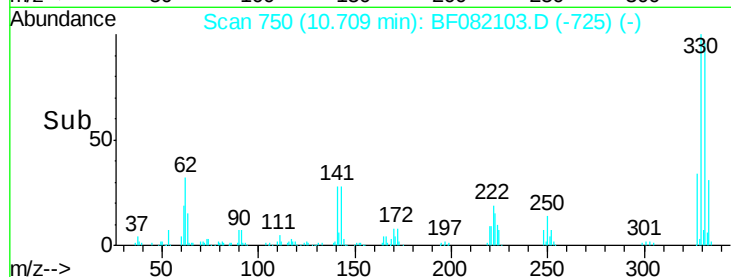
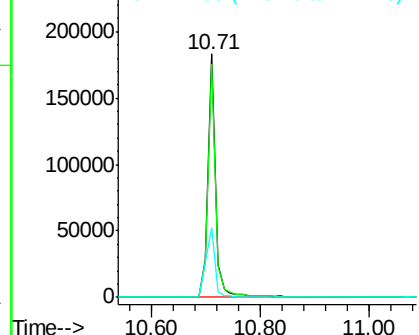
#41
 2,4,6-Tribromophenol
 Concen: 113.85 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	34.0	29.7	44.5

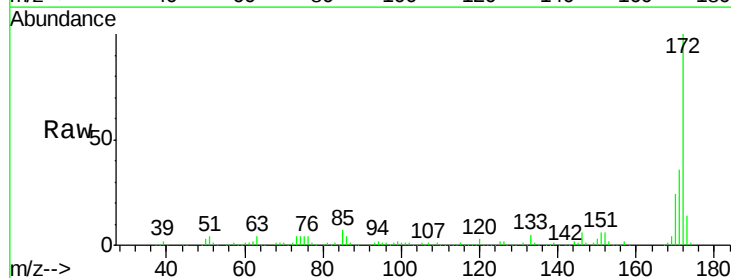


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

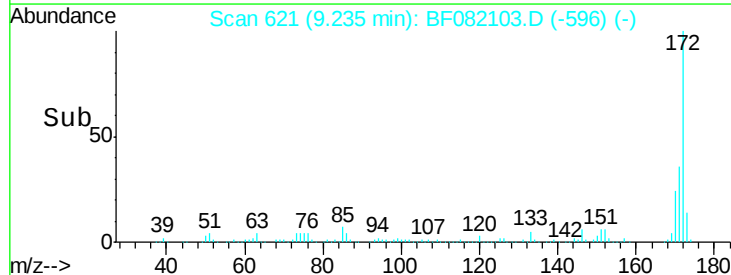
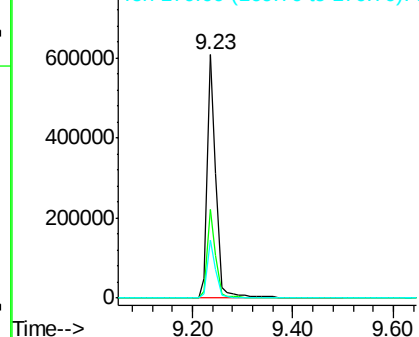


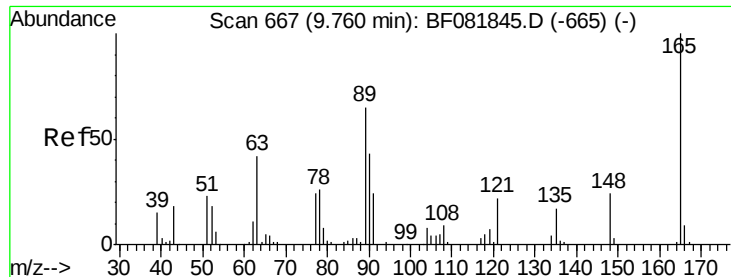
#44
 2-Fluorobiphenyl
 Concen: 78.31 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.0	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

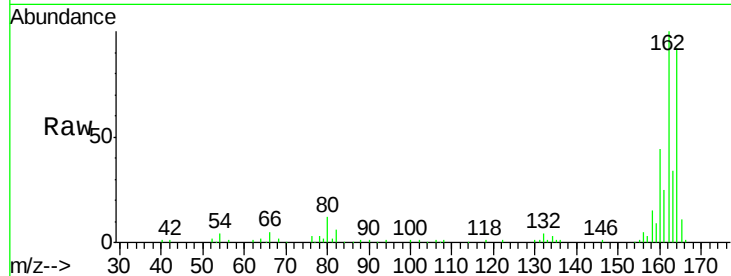




#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

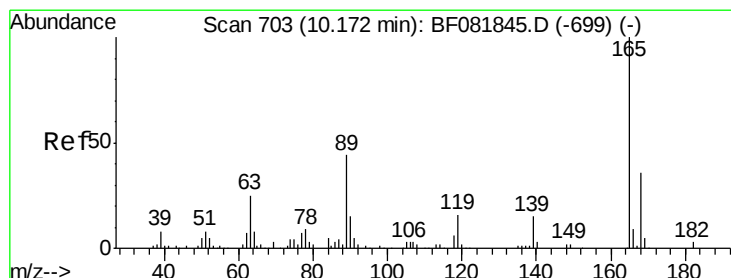
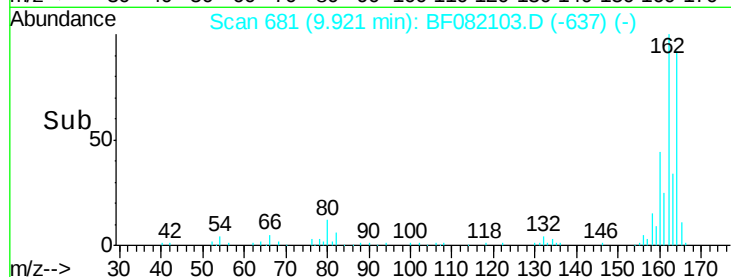
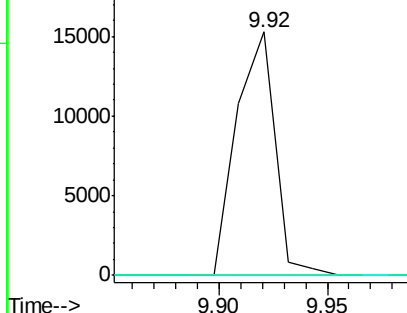
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.34 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

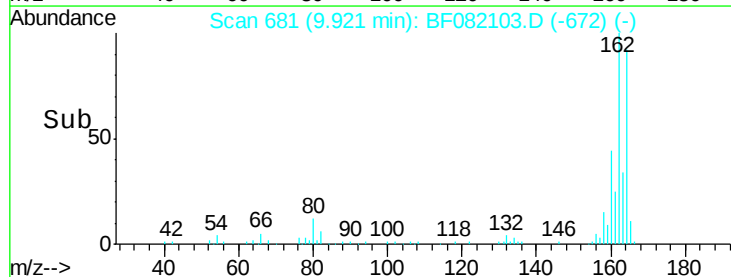
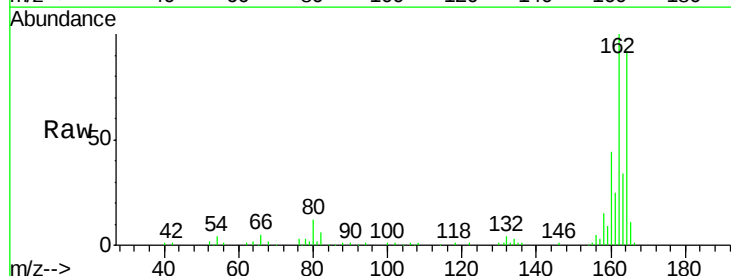
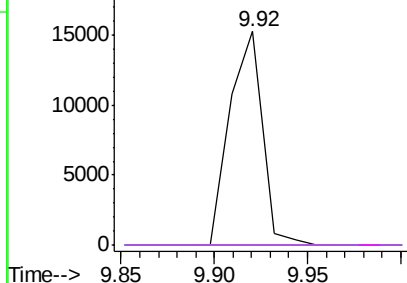
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

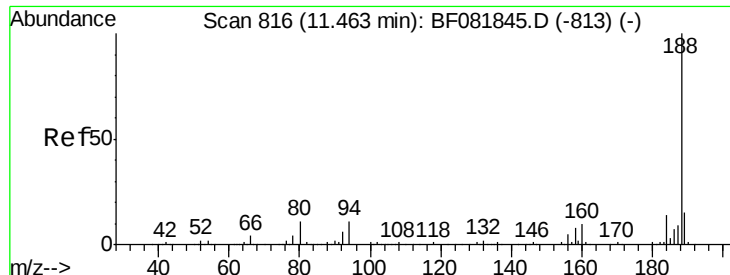
Abundance Ion 165.00 (164.70 to 165.70): E

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

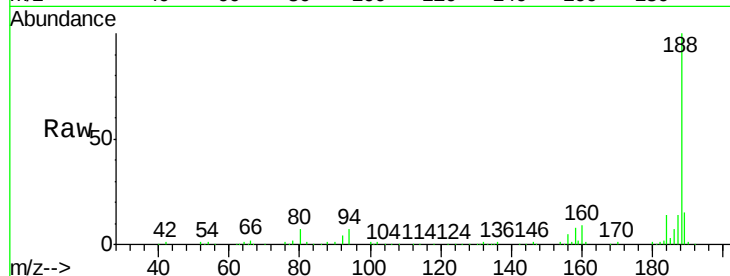




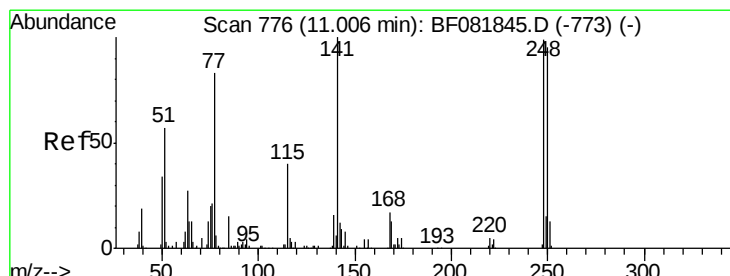
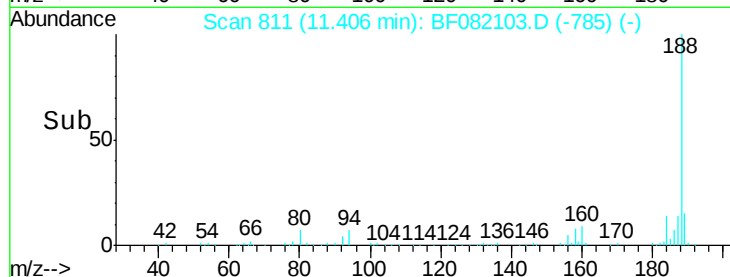
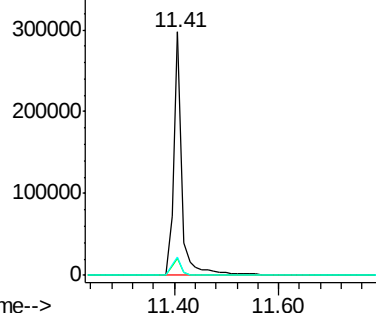
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Tot Ion:188 Resp: 327786
 Ion Ratio Lower Upper
 188 100
 94 7.2 11.1 16.7#
 80 7.5 11.0 16.4#

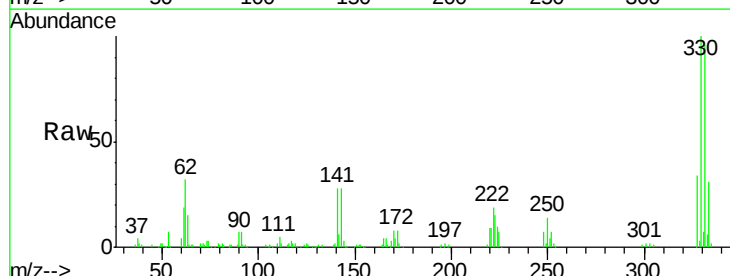


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

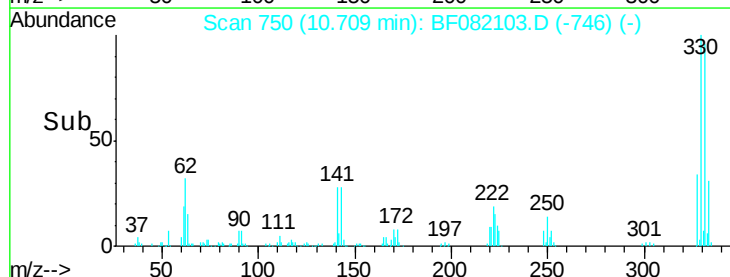
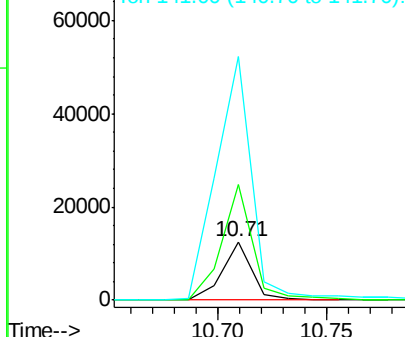


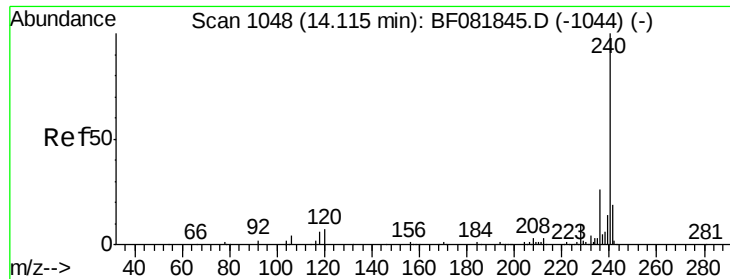
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Tgt Ion:248 Resp: 11885
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.5 117.7#
 141 416.6 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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

Instrument :

BNA_F

ClientSampleId :

PB85943BL

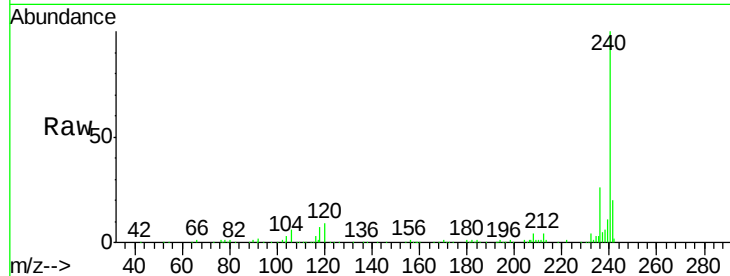
Tot Ion:240 Resp: 324477

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

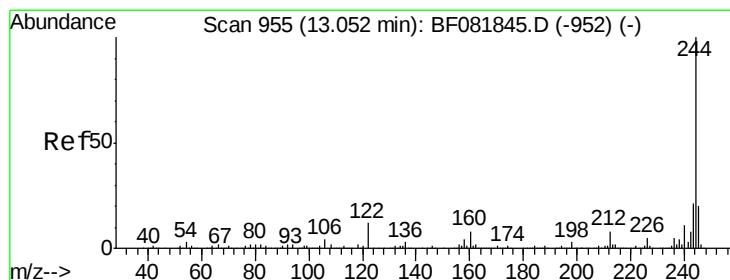
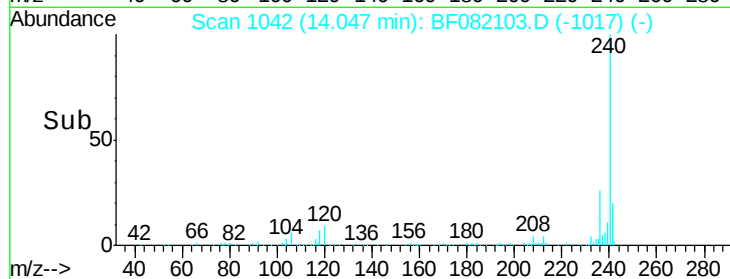
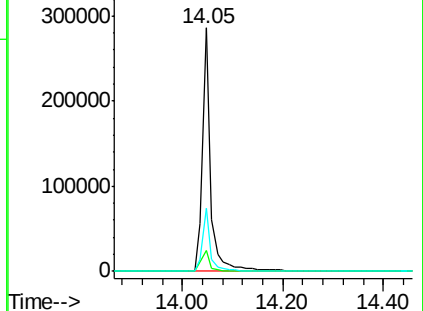
236 26.0 18.4 27.6



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: 94.76 ng

RT: 13.00 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF082103.D

Acq: 7 Oct 2015 14:29

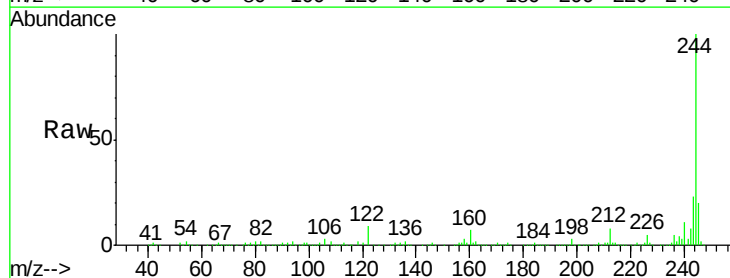
Tgt Ion:244 Resp: 922068

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

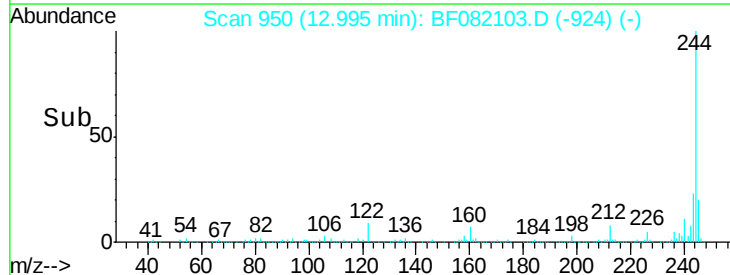
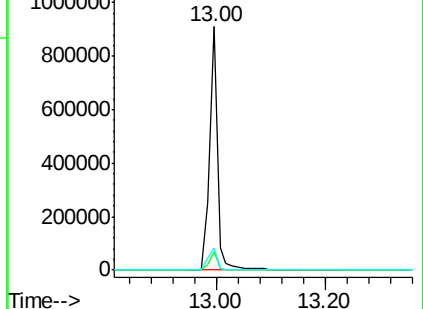
122 9.2 17.4 26.2#

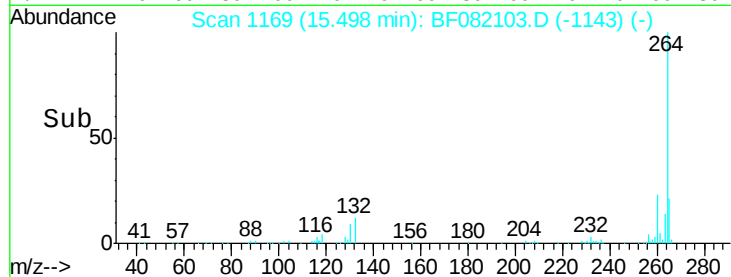
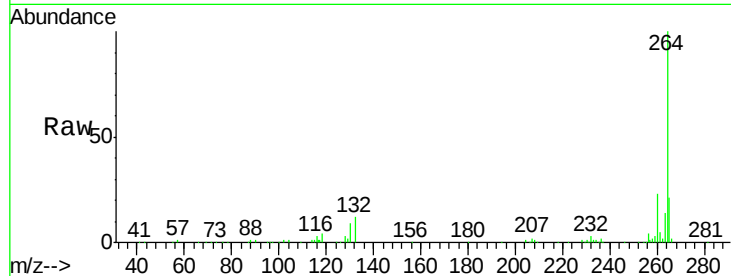
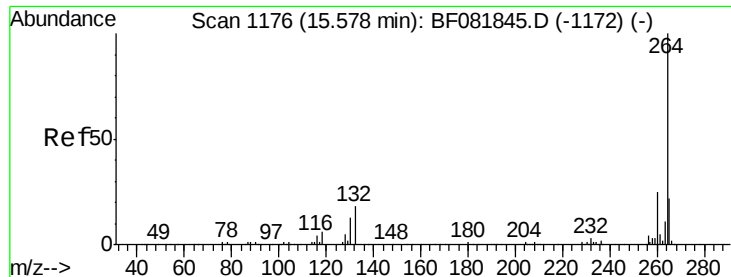


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF082103.D
 Acq: 7 Oct 2015 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85943BL

Tot Ion:264	Resp:	237776
Ion	Ratio	Lower Upper
264	100	
260	23.2	16.7 25.1
265	20.8	17.2 25.8

