

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080045.D
 Acq On : 18 Jun 2015 14:35
 Operator : TP/IZ
 Sample : PB84072BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BL

Quant Time: Jun 19 01:34:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 01:33:10 2015
 Response via : Initial Calibration

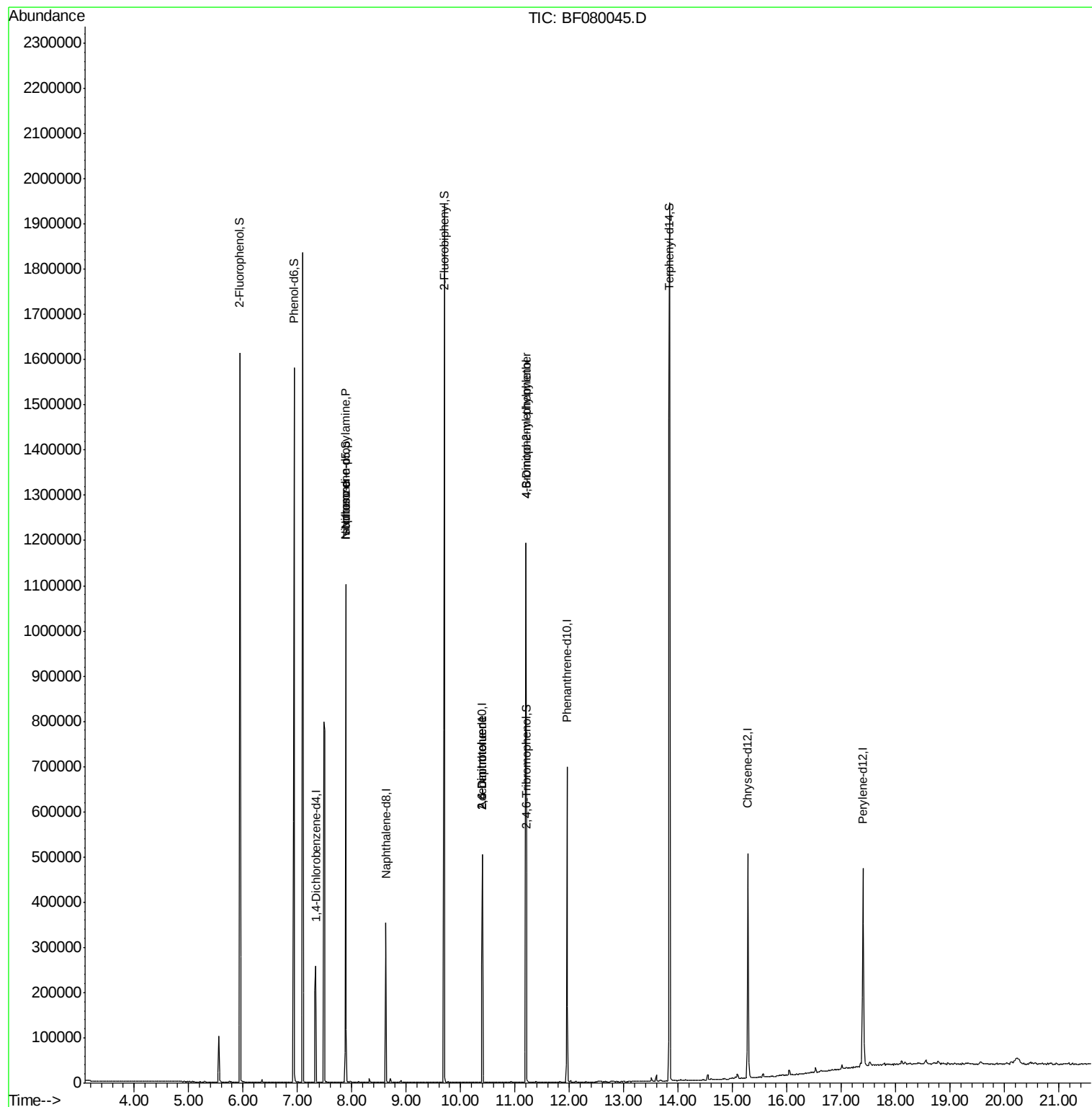
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	53359	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	213684	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	116034	20.00	ng	0.00
63) Phenanthrene-d10	11.96	188	253794	20.00	ng	-0.02
75) Chrysene-d12	15.28	240	271047	20.00	ng	-0.13
86) Perylene-d12	17.40	264	260638	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	392363	130.17	ng	0.00
7) Phenol-d6	6.94	99	554377	138.21	ng	0.00
23) Nitrobenzene-d5	7.89	82	304283	82.90	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	143085	126.11	ng	0.00
44) 2-Fluorobiphenyl	9.70	172	662392	81.41	ng	0.00
78) Terphenyl-d14	13.84	244	879353	75.77	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	39924	14.34	ng	# 61
25) Isophorone	7.89	82	289378	39.17	ng	# 58
50) 2,6-Dinitrotoluene	10.40	165	14113	8.07	ng	# 37
56) 2,4-Dinitrotoluene	10.40	165	14109	6.36	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.20	198	304	3.77	ng	# 1
66) 4-Bromophenyl-phenylether	11.20	248	10100	3.74	ng	# 1

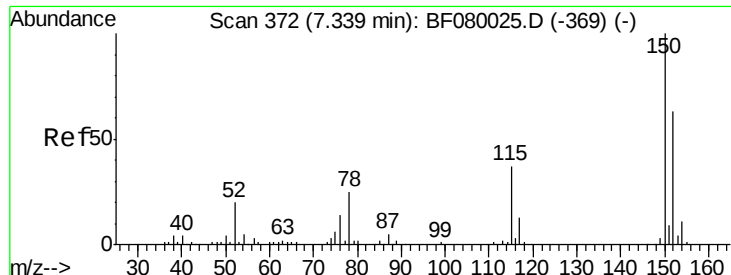
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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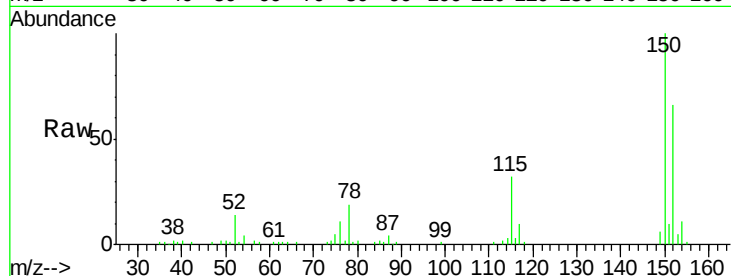


#1

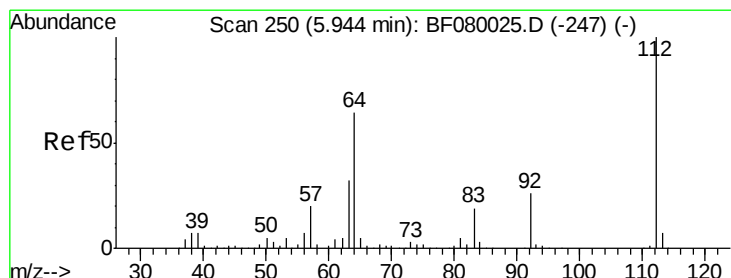
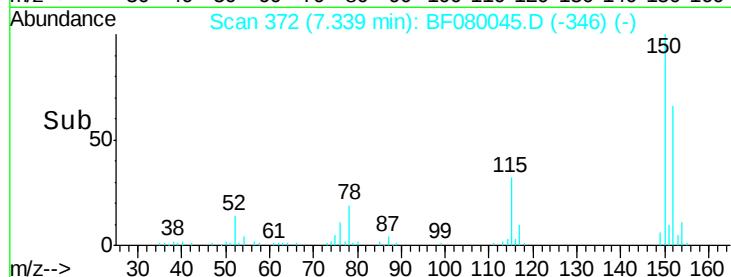
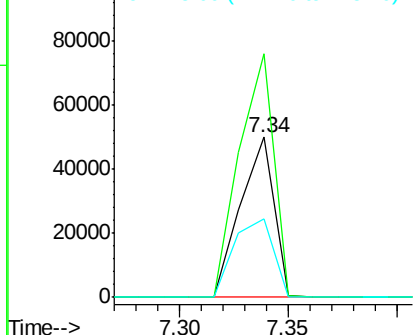
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF080045.D
Acq: 18 Jun 2015 14:35

Instrument :
BNA_F
ClientSampleId :
PB84072BL

Tgt Ion:152 Resp: 53359
Ion Ratio Lower Upper
152 100
150 151.9 124.7 187.1
115 48.9 39.0 58.4



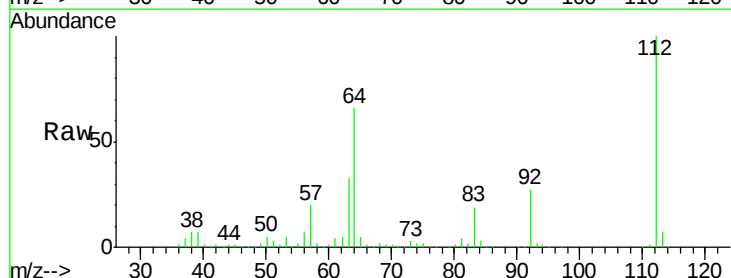
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



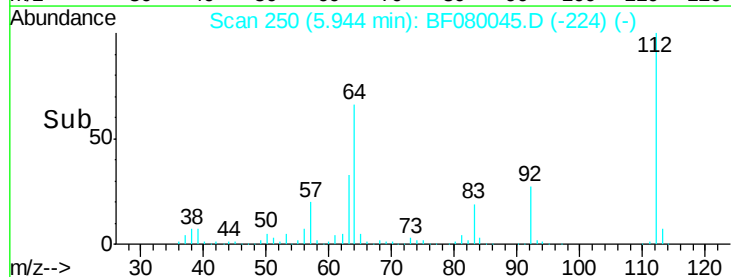
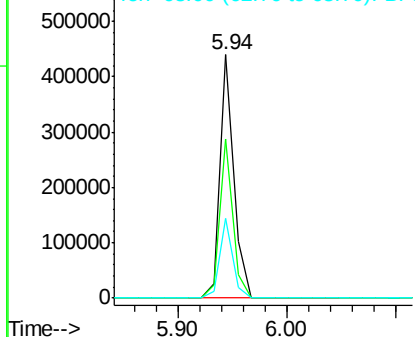
#5

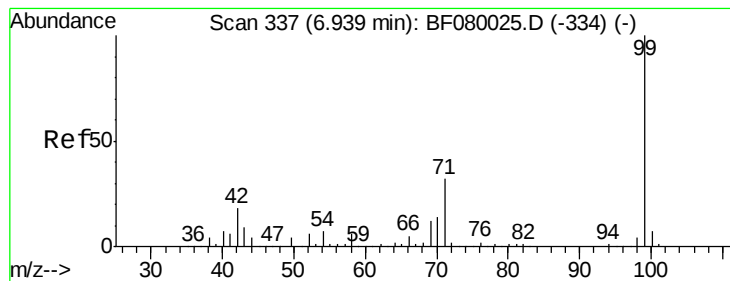
2-Fluorophenol
Concen: 130.17 ng
RT: 5.94 min Scan# 250
Delta R.T. -0.00 min
Lab File: BF080045.D
Acq: 18 Jun 2015 14:35

Tgt Ion:112 Resp: 392363
Ion Ratio Lower Upper
112 100
64 65.6 39.7 59.5#
63 33.0 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: 138.21 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF080045.D

Acq: 18 Jun 2015 14:35

Instrument :

BNA_F

ClientSampleId :

PB84072BL

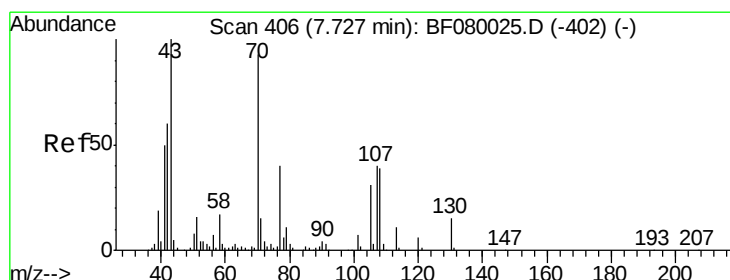
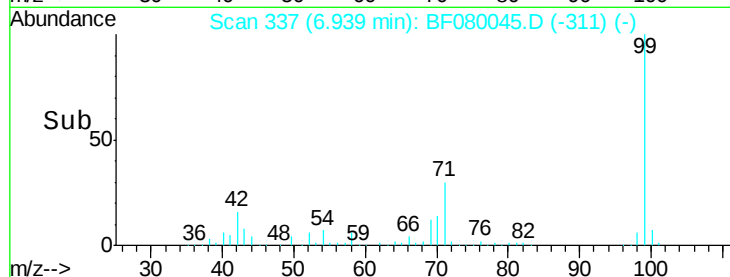
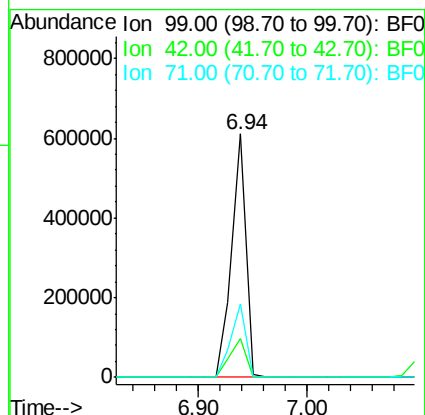
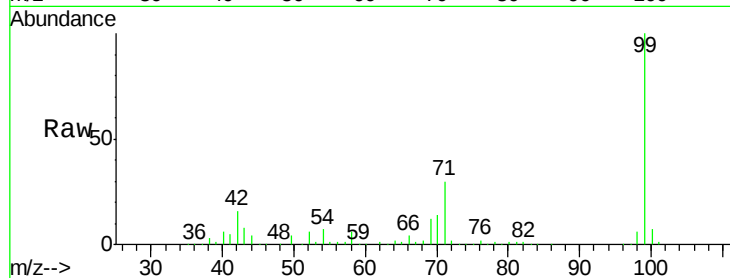
Tgt Ion: 99 Resp: 554377

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

71 30.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.16 min

Lab File: BF080045.D

Acq: 18 Jun 2015 14:35

Tgt Ion: 70 Resp: 39924

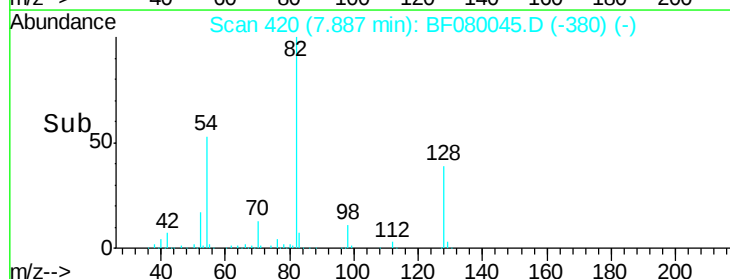
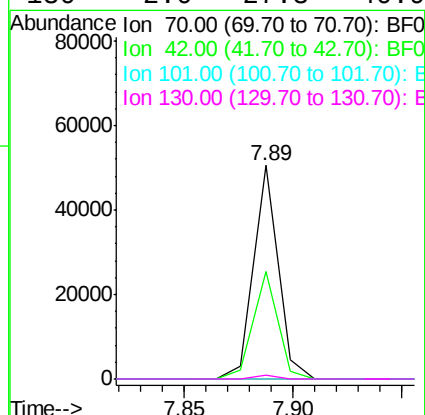
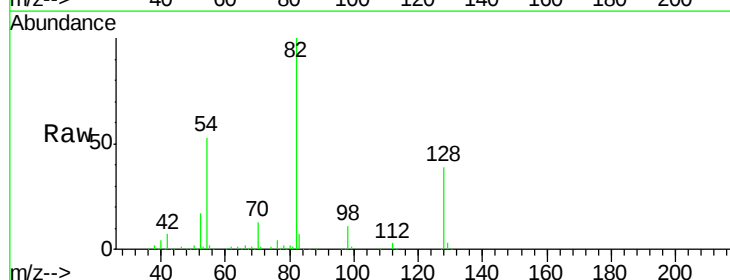
Ion Ratio Lower Upper

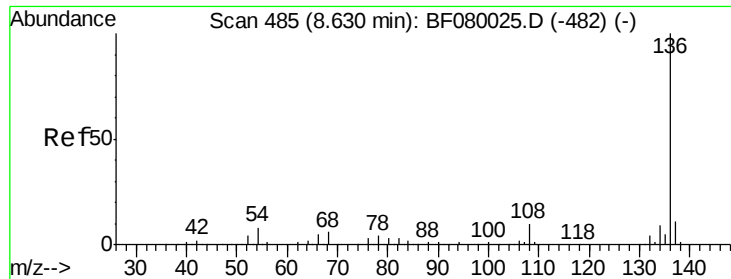
70 100

42 50.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

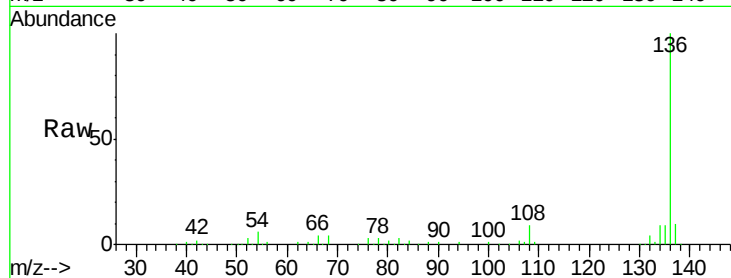




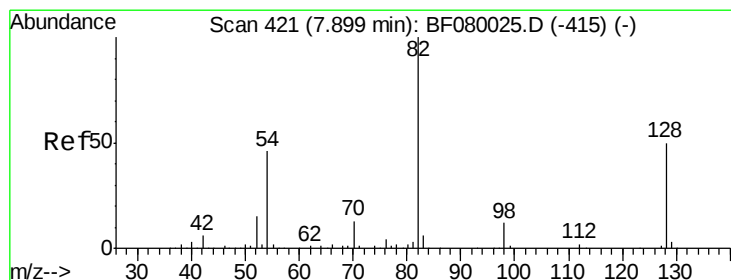
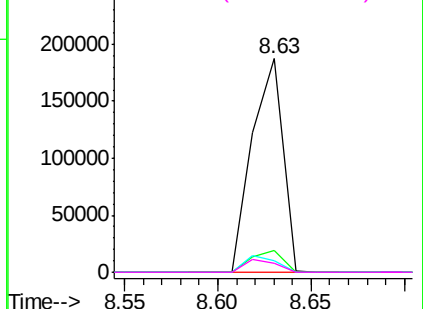
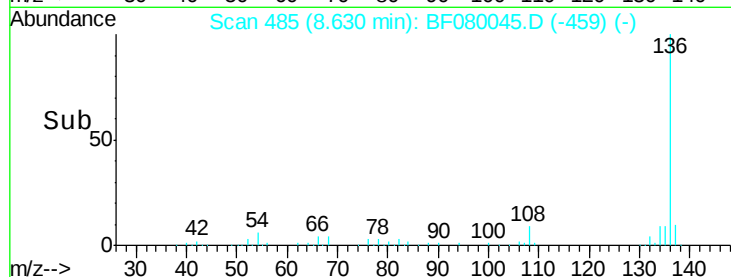
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080045.D
Acq: 18 Jun 2015 14:35

Instrument :
BNA_F
ClientSampleId :
PB84072BL

Tgt Ion:	136	Resp:	213684
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.6
54	5.6	8.2	12.2#
68	4.3	5.8	8.6#

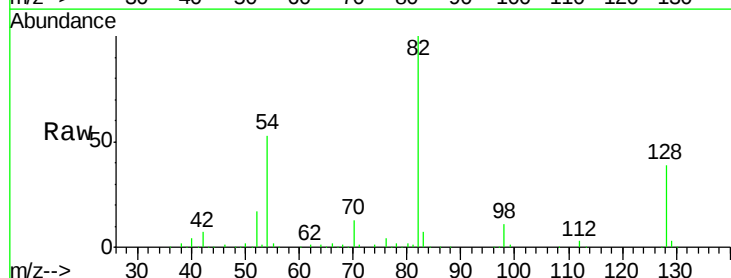


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

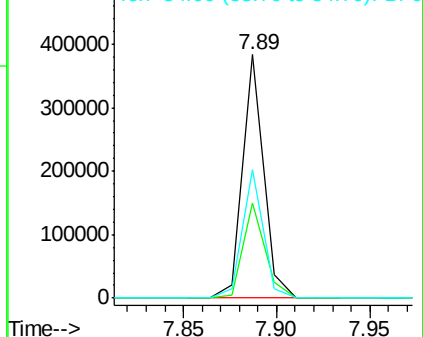
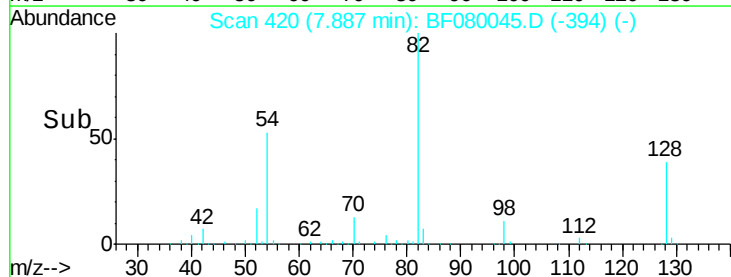


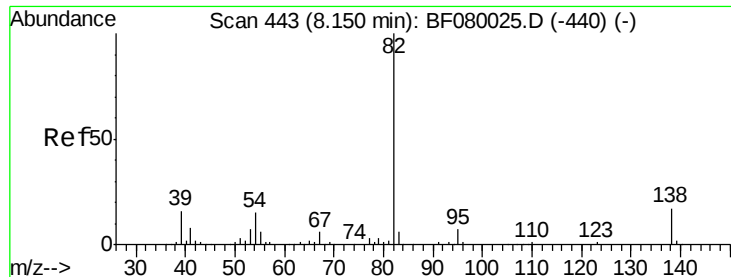
#23
Nitrobenzene-d5
Concen: 82.90 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF080045.D
Acq: 18 Jun 2015 14:35

Tgt Ion:	82	Resp:	304283
Ion	Ratio	Lower	Upper
82	100		
128	39.3	51.0	76.6#
54	52.5	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: 39.17 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080045.D

Acq: 18 Jun 2015 14:35

Instrument :

BNA_F

ClientSampleId :

PB84072BL

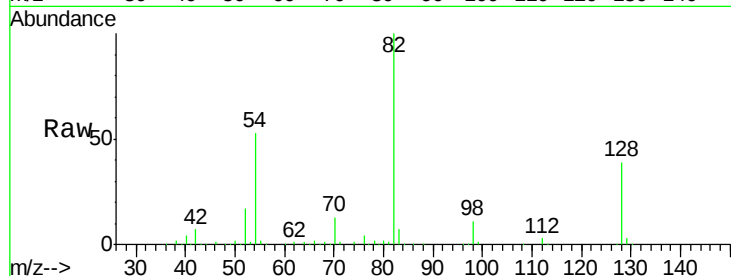
Tgt Ion: 82 Resp: 289378

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

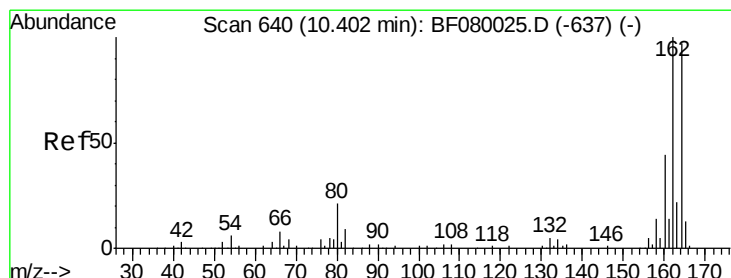
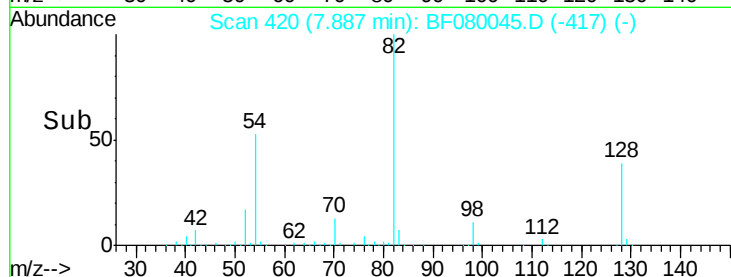
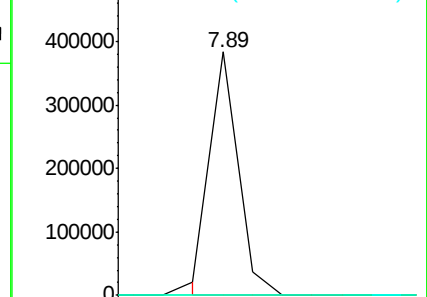
138 0.0 18.3 27.5#



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: 10.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080045.D

Acq: 18 Jun 2015 14:35

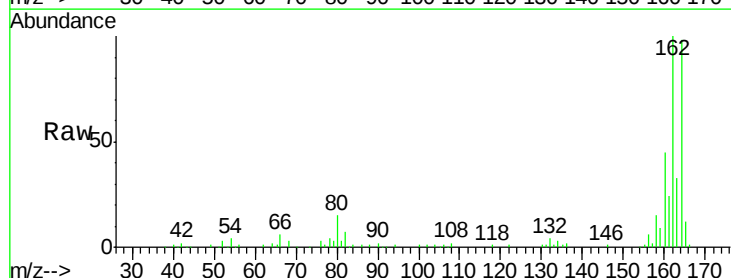
Tgt Ion: 164 Resp: 116034

Ion Ratio Lower Upper

164 100

162 101.7 75.2 112.8

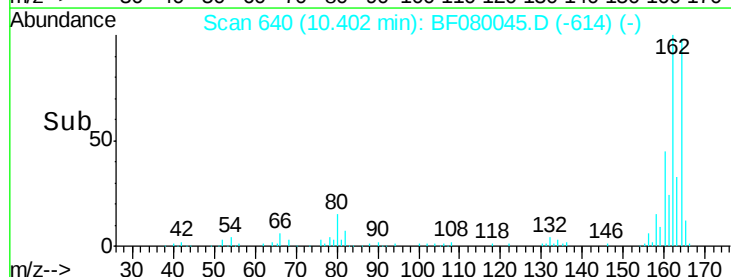
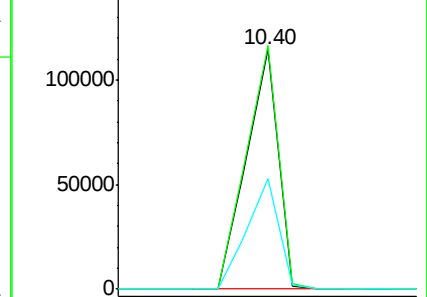
160 46.1 31.5 47.3

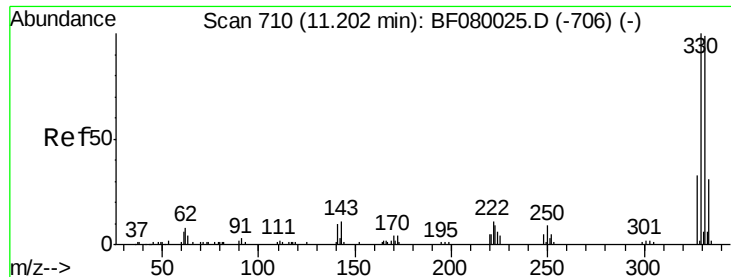


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

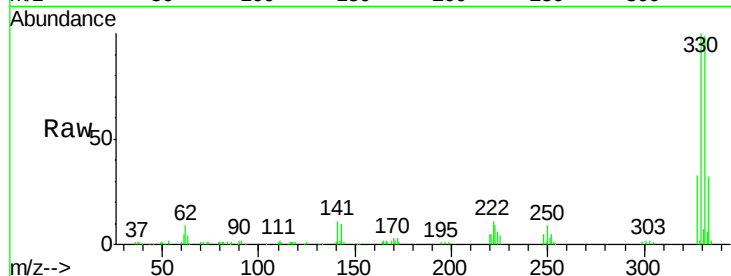




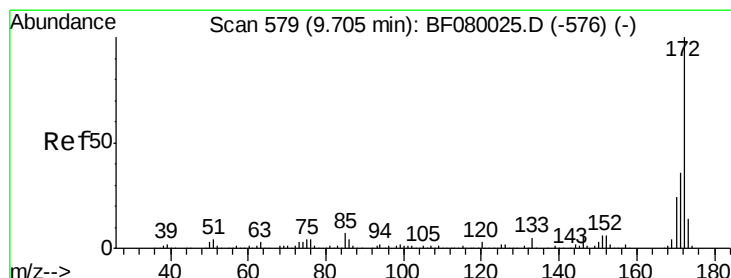
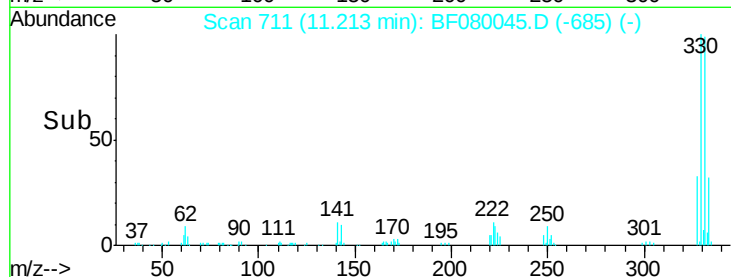
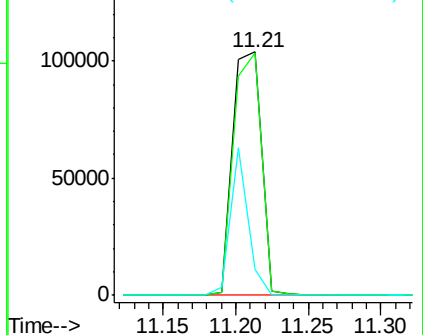
#41
 2,4,6-Tribromophenol
 Concen: 126.11 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 143085
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.3 29.7 44.5

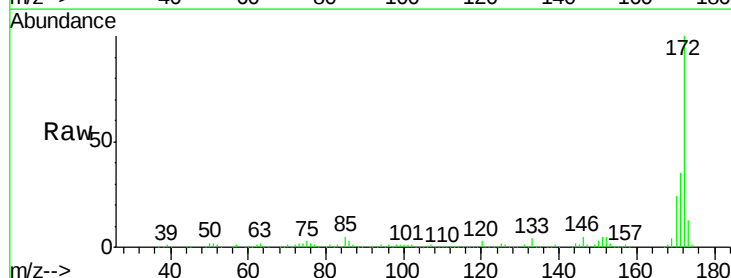


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

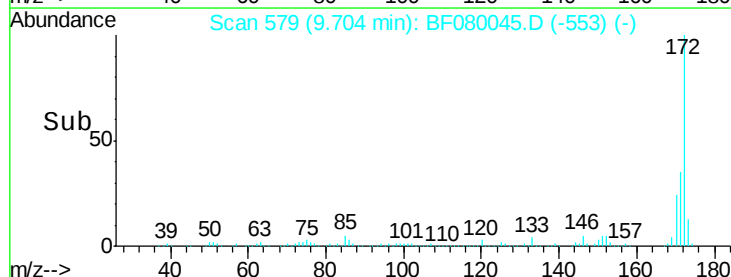
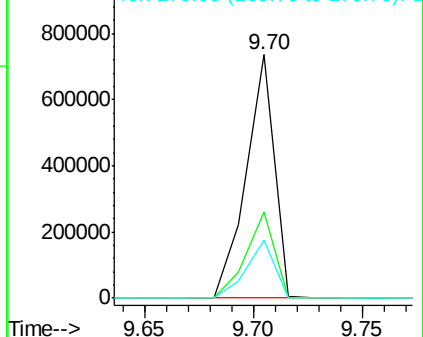


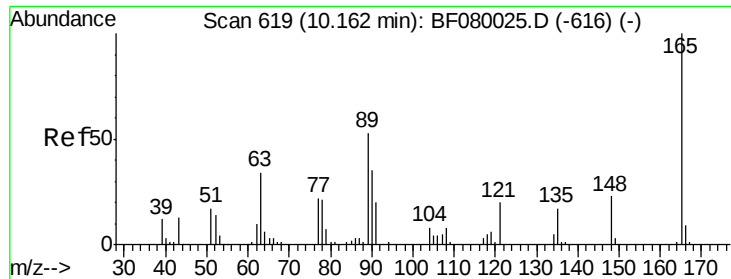
#44
 2-Fluorobiphenyl
 Concen: 81.41 ng
 RT: 9.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Tgt Ion:172 Resp: 662392
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.8 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

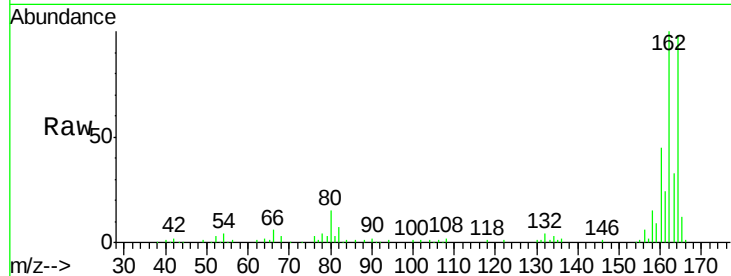




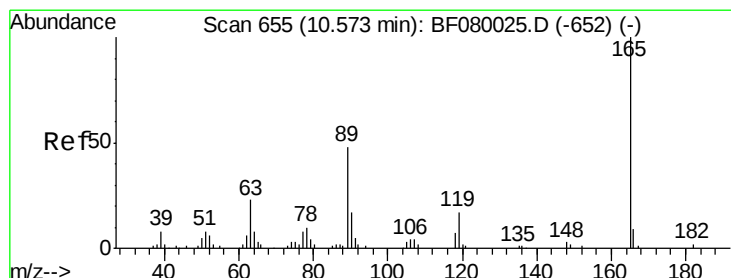
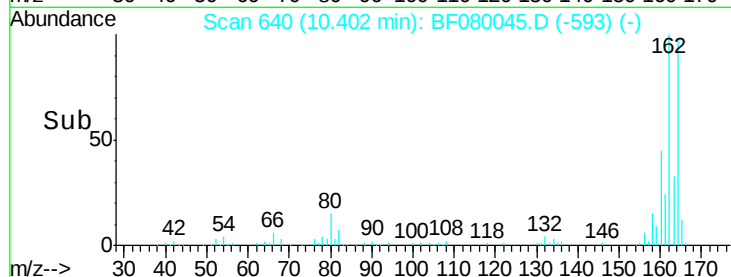
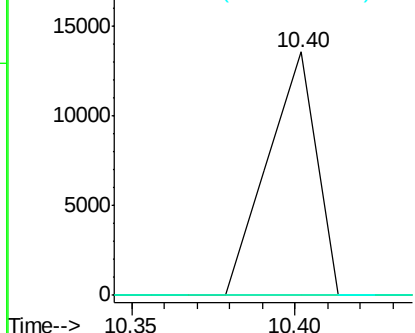
#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 10.40 min Scan# 640
 Delta R.T. 0.24 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BL

Tgt Ion:165 Resp: 14113
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

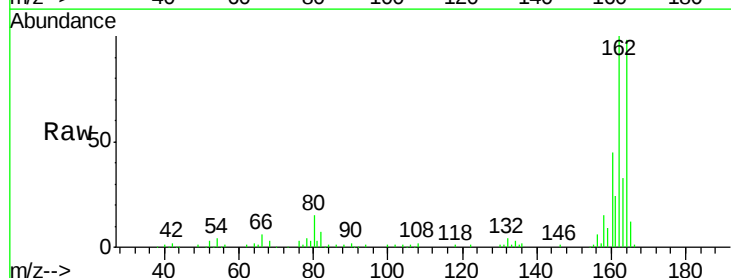


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

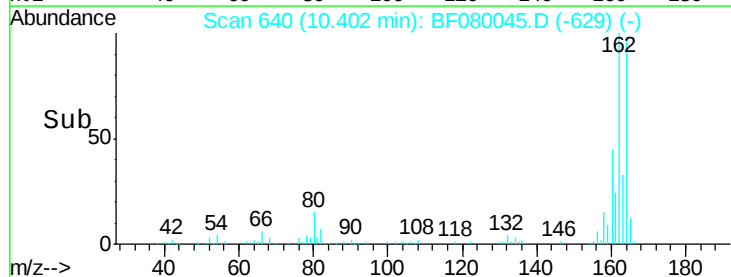
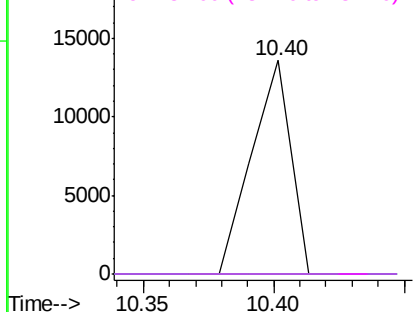


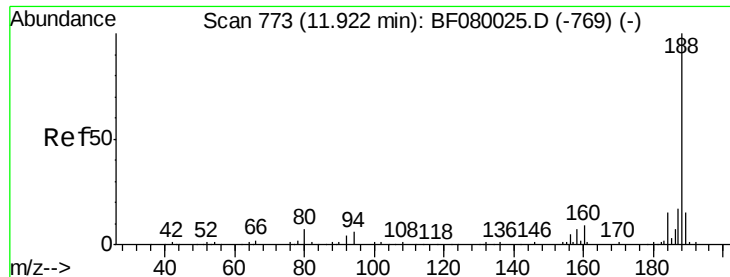
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.17 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Tgt Ion:165 Resp: 14109
 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

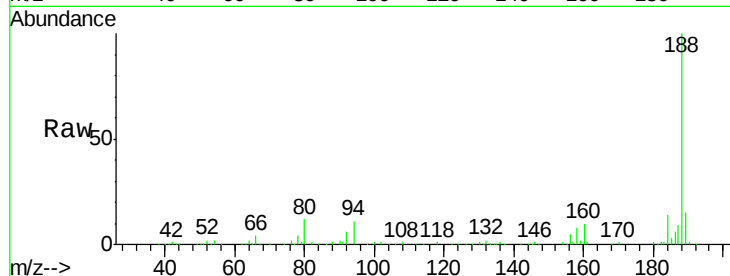




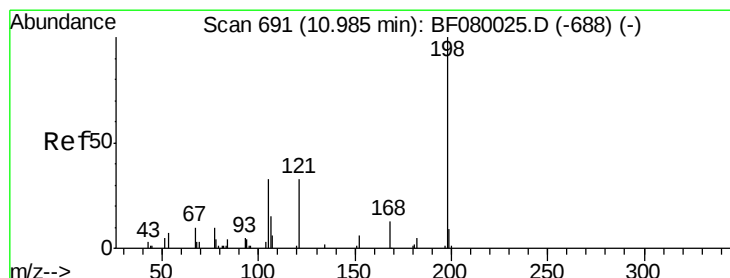
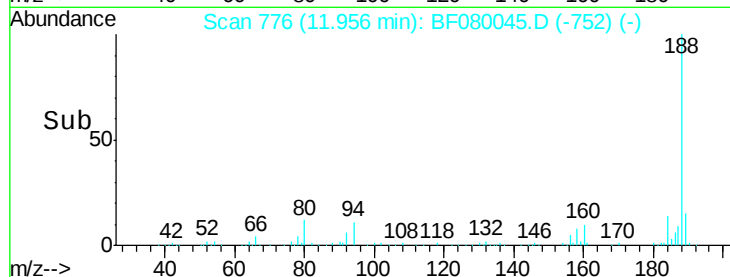
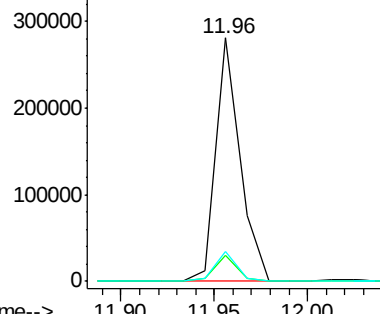
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.96 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BL

Tgt Ion:188 Resp: 253794
 Ion Ratio Lower Upper
 188 100
 94 10.7 11.1 16.7#
 80 12.2 11.0 16.4

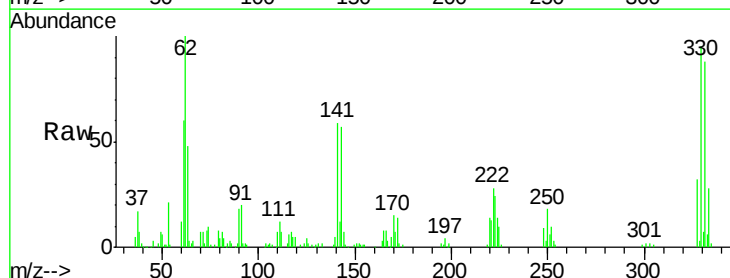


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

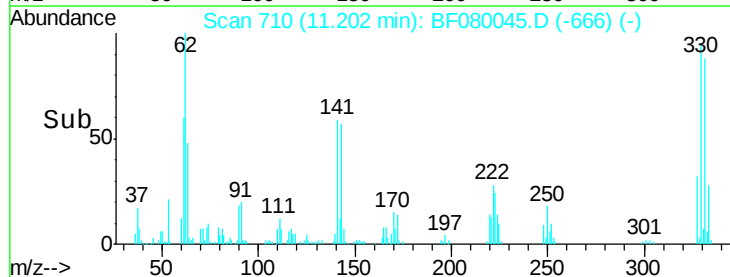
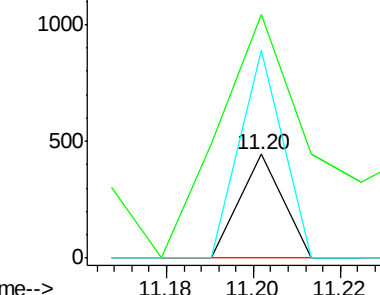


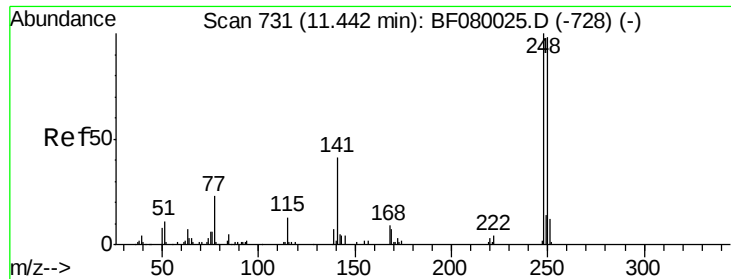
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.77 ng
 RT: 11.20 min Scan# 710
 Delta R.T. 0.21 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Tgt Ion:198 Resp: 304
 Ion Ratio Lower Upper
 198 100
 51 234.7 39.6 79.6#
 105 200.9 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

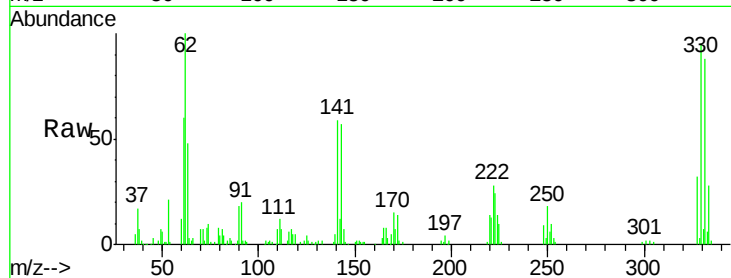




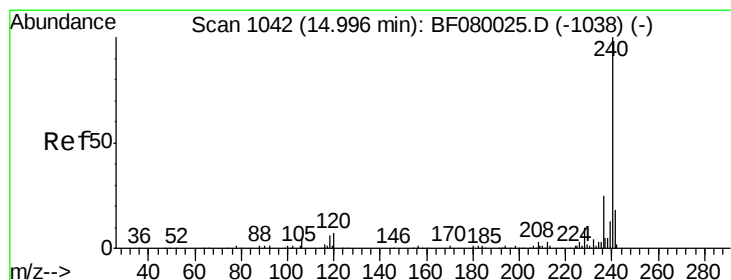
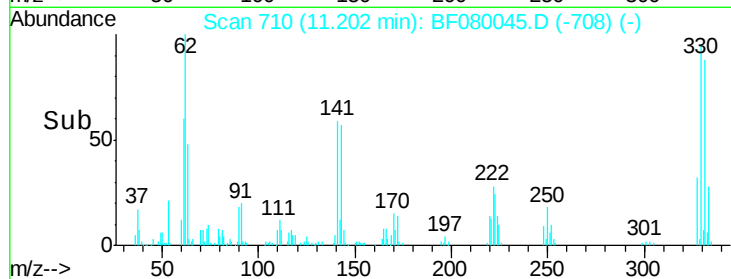
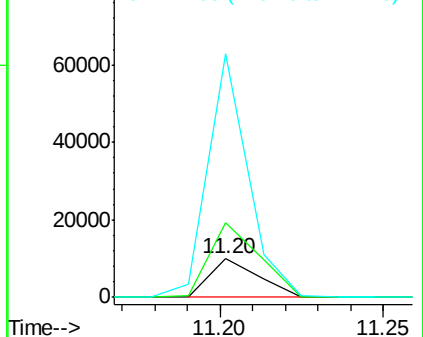
#66
 4-Bromophenyl-phenylether
 Concen: 3.74 ng
 RT: 11.20 min Scan# 710
 Delta R.T. -0.27 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BL

Tgt Ion:248 Resp: 10100
 Ion Ratio Lower Upper
 248 100
 250 193.5 78.5 117.7#
 141 629.9 59.0 88.6#

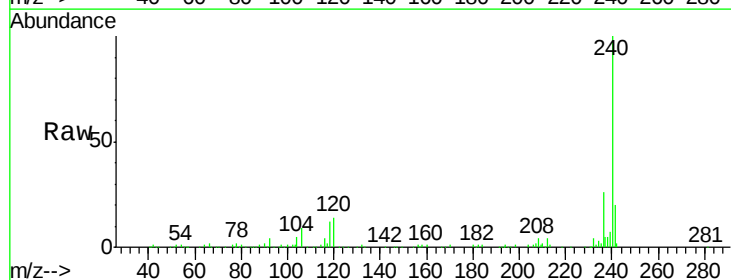


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

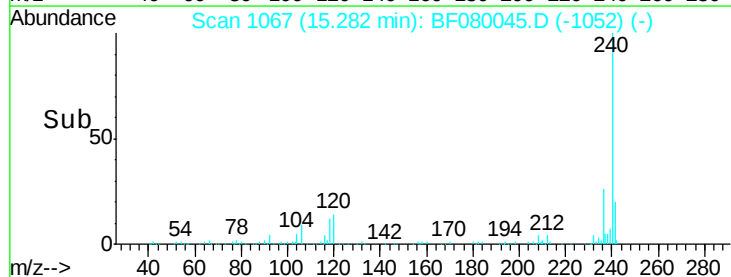
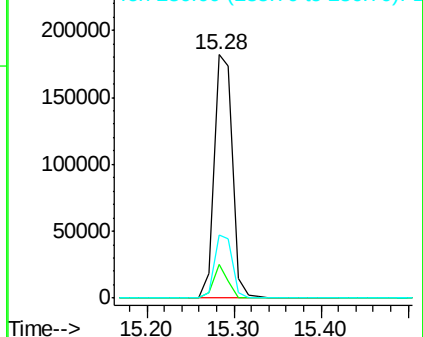


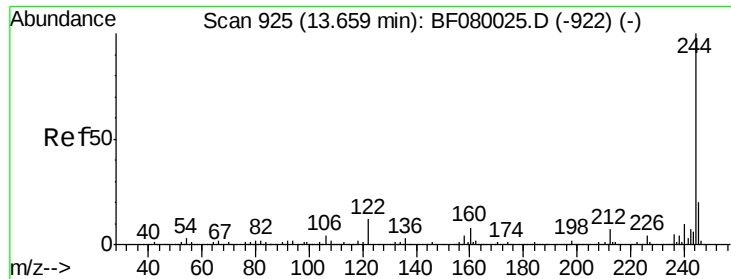
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1067
 Delta R.T. -0.13 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Tgt Ion:240 Resp: 271047
 Ion Ratio Lower Upper
 240 100
 120 13.6 16.2 24.2#
 236 25.7 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

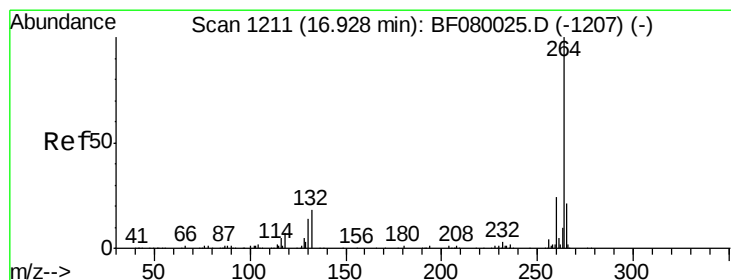
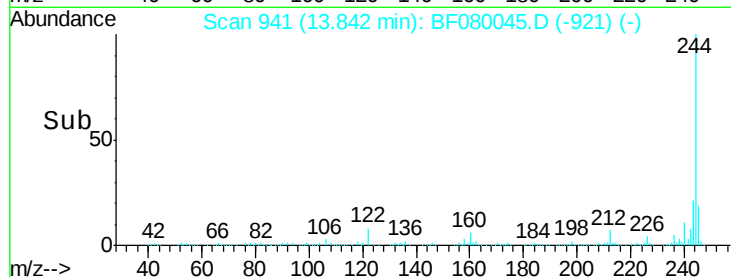
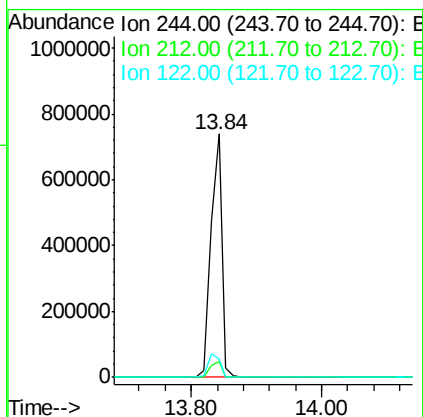
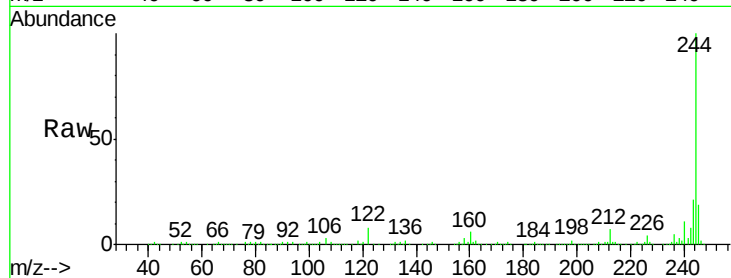




#78
 Terphenyl-d14
 Concen: 75.77 ng
 RT: 13.84 min Scan# 941
 Delta R.T. -0.07 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BL

Tgt Ion:244 Resp: 879353
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 7.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.40 min Scan# 1252
 Delta R.T. -0.19 min
 Lab File: BF080045.D
 Acq: 18 Jun 2015 14:35

Tgt Ion:264 Resp: 260638
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 22.3 17.2 25.8

