

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087724.D
 Acq On : 5 Jun 2016 23:22
 Operator : UM/SJ
 Sample : H3379-18
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Jun 06 03:12:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

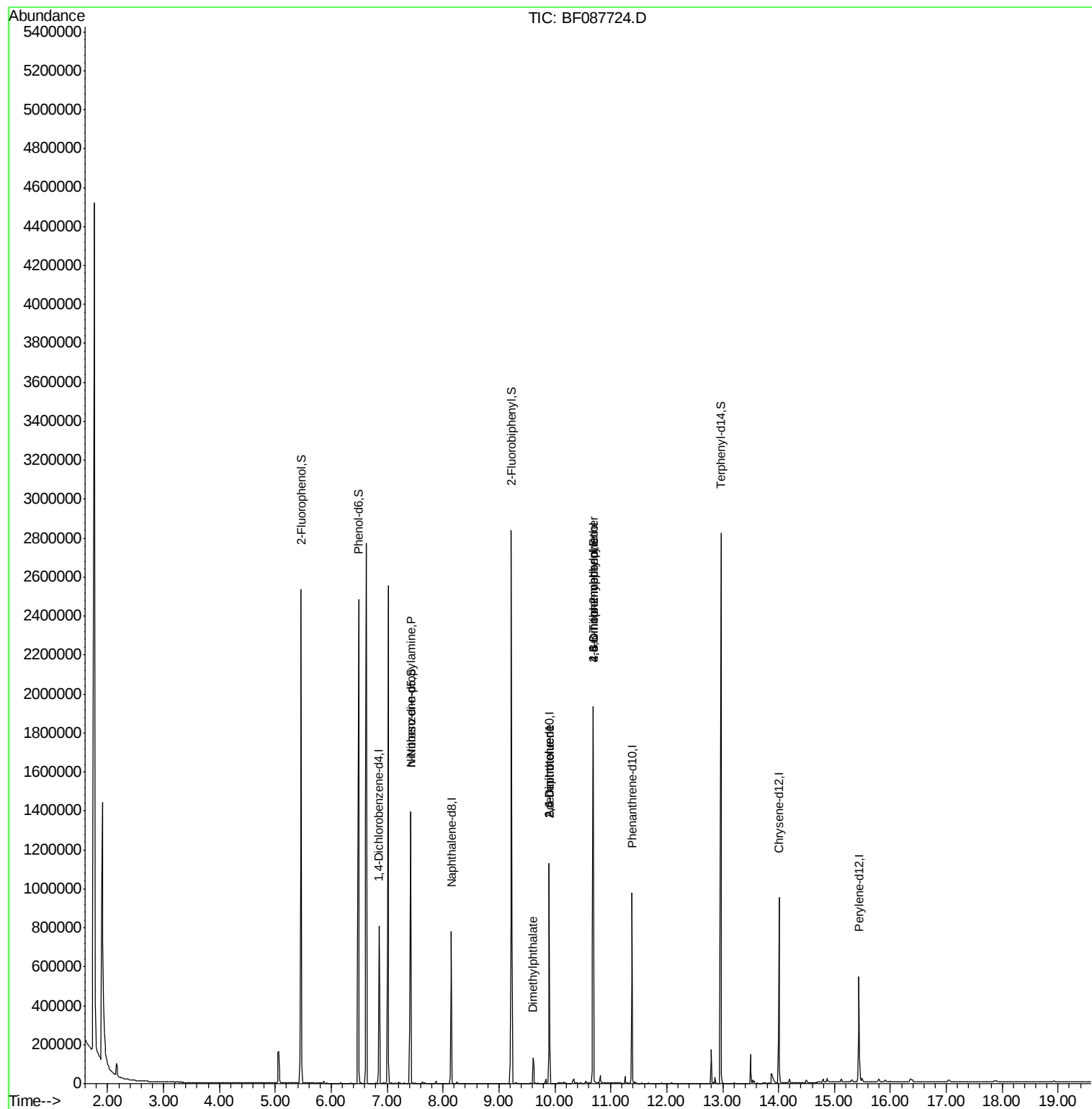
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117393	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	480722	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	223631	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	425848	20.00	ng	0.00
75) Chrysene-d12	14.01	240	314197	20.00	ng	-0.01
86) Perylene-d12	15.44	264	250944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	797400	109.79	ng	0.01
7) Phenol-d6	6.49	99	1032651	113.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	695364	83.69	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	240601	107.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1084216	70.52	ng	-0.01
78) Terphenyl-d14	12.97	244	970054	75.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	89362	15.71	ng	# 70
49) Dimethylphthalate	9.61	163	73389	4.51	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	28492	7.70	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	28494	6.05	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.68	198	400	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15027	3.56	ng	# 1

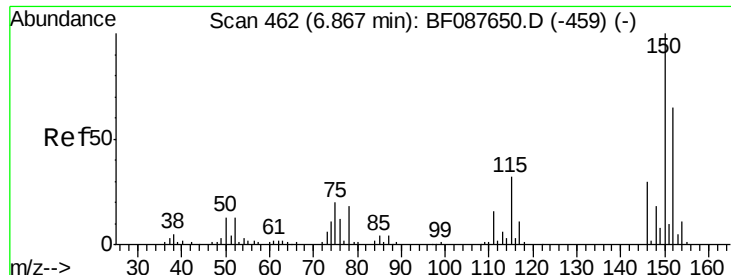
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SB-6

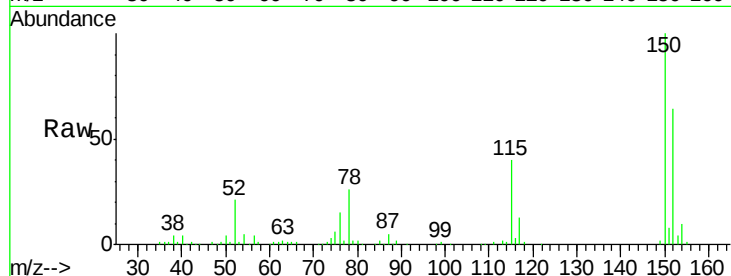
Tgt Ion:152 Resp: 117393

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

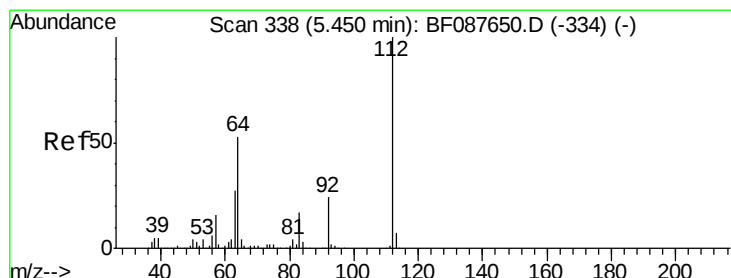
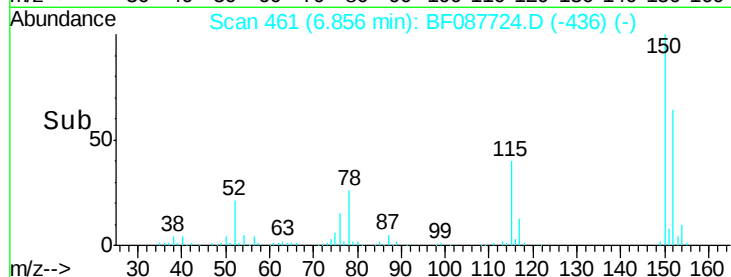
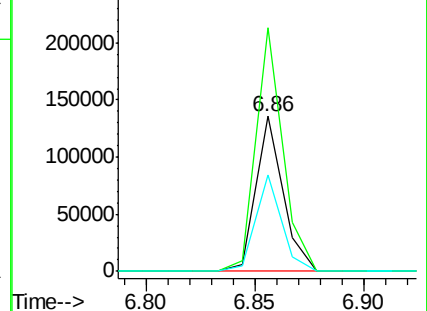
115 62.2 39.6 59.4#



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: 109.79 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

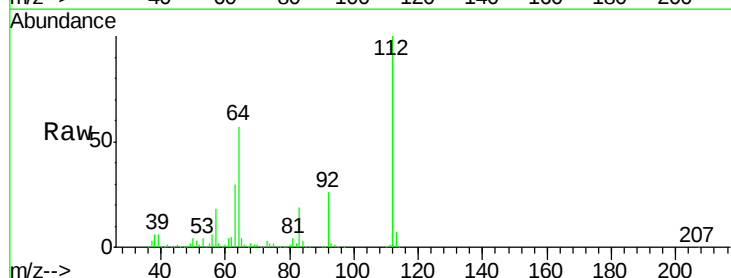
Tgt Ion:112 Resp: 797400

Ion Ratio Lower Upper

112 100

64 57.3 42.2 63.2

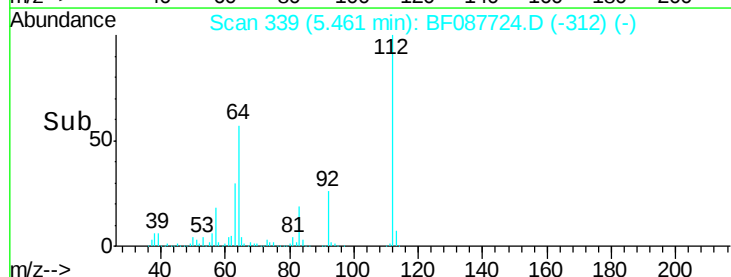
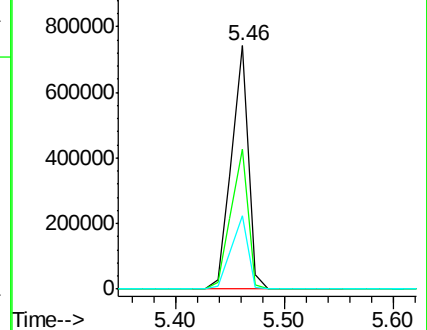
63 30.3 21.8 32.8

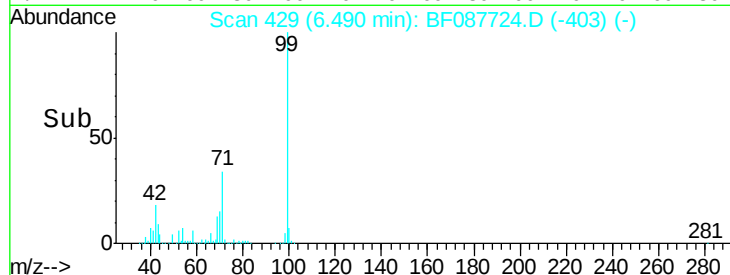
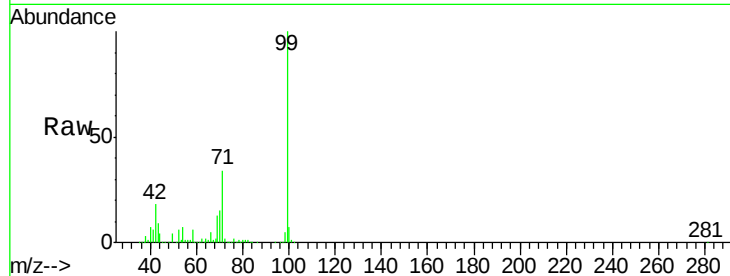
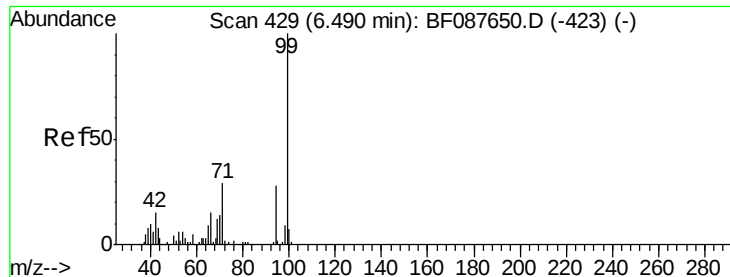


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.37 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SB-6

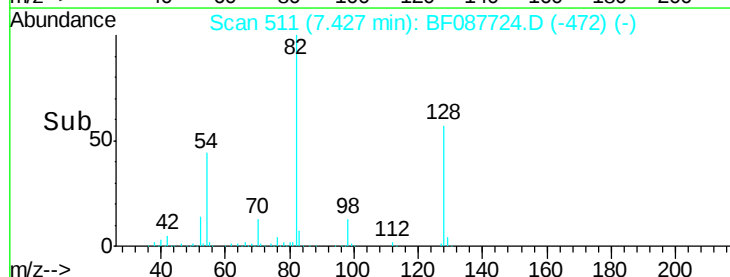
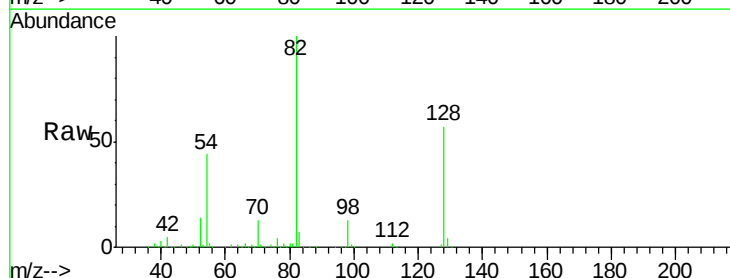
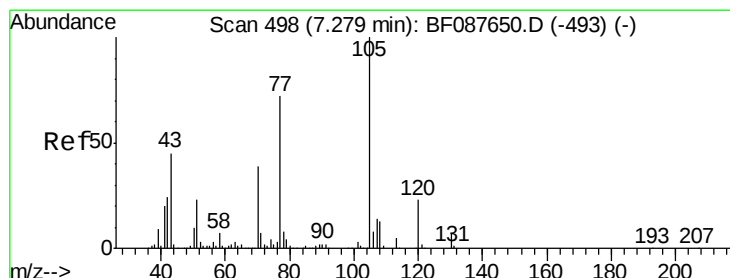
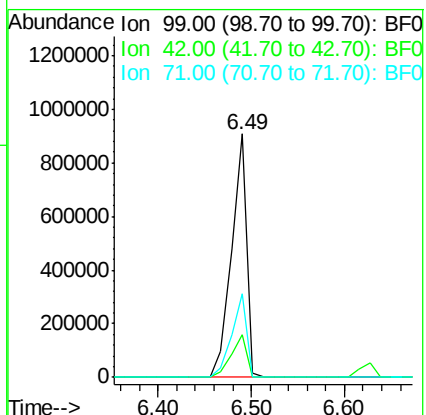
Tgt Ion: 99 Resp: 1032651

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 34.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.71 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

Tgt Ion: 70 Resp: 89362

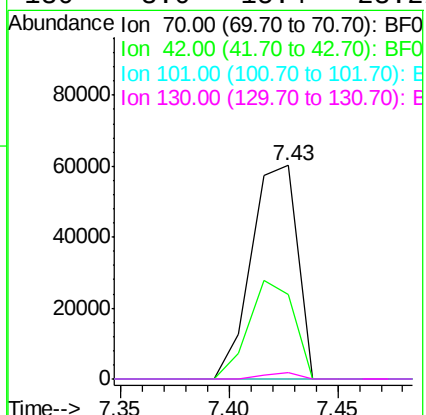
Ion Ratio Lower Upper

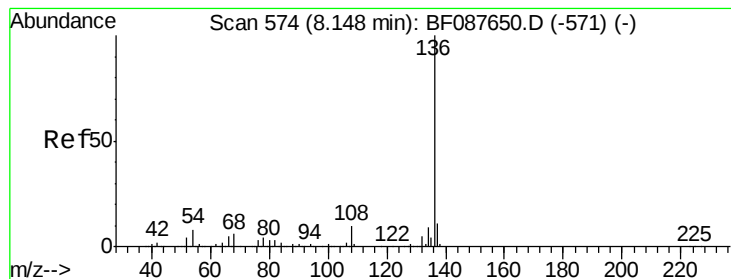
70 100

42 39.3 49.6 74.4#

101 0.0 7.1 10.7#

130 3.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SB-6

Tgt Ion:136 Resp: 480722

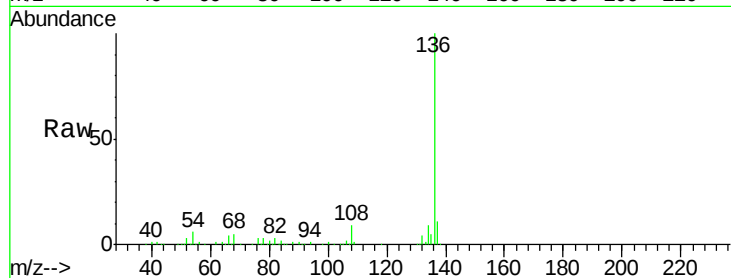
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.6 6.6 10.0#

68 4.6 5.1 7.7#

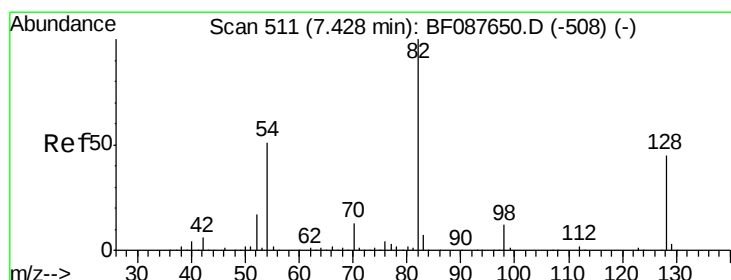
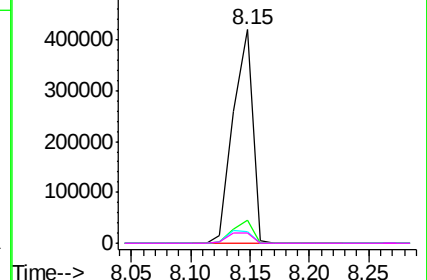
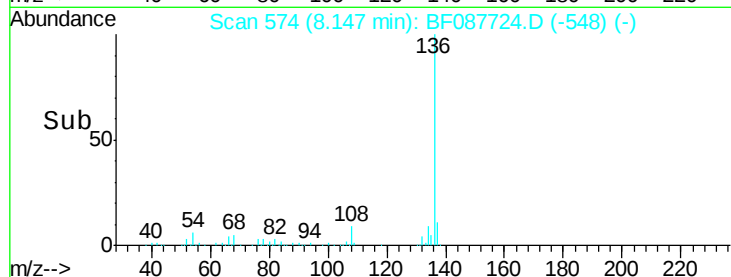


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.69 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

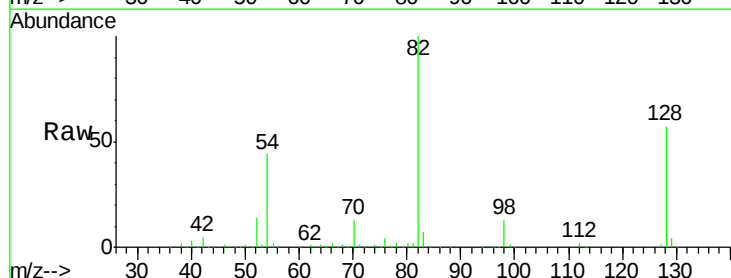
Tgt Ion: 82 Resp: 695364

Ion Ratio Lower Upper

82 100

128 56.7 35.9 53.9#

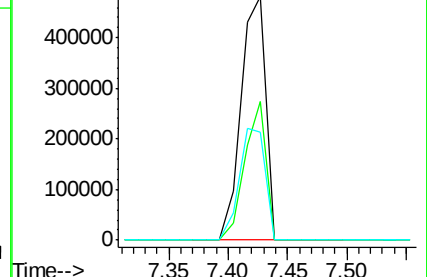
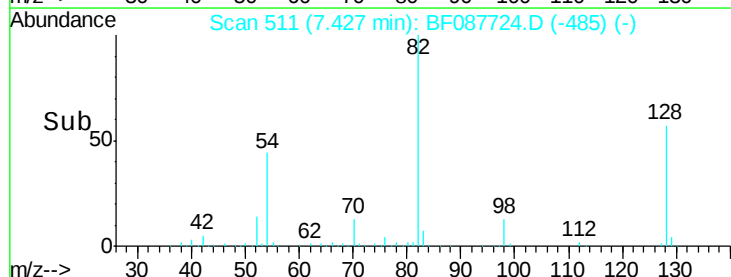
54 44.1 40.9 61.3

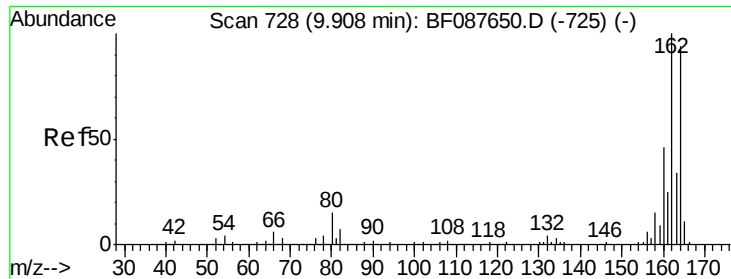


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SB-6

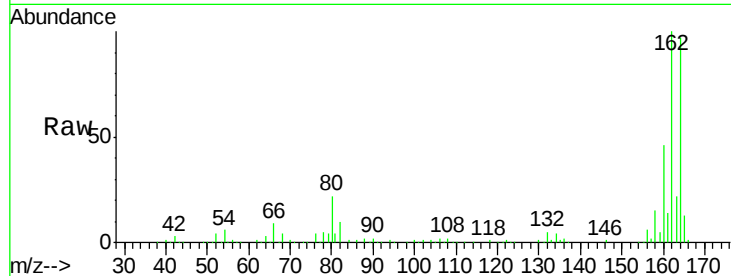
Tgt Ion:164 Resp: 223631

Ion Ratio Lower Upper

164 100

162 102.8 85.4 128.2

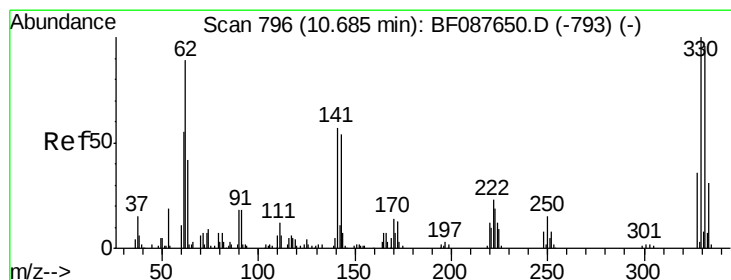
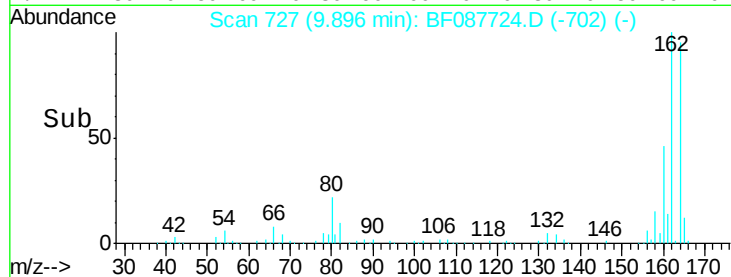
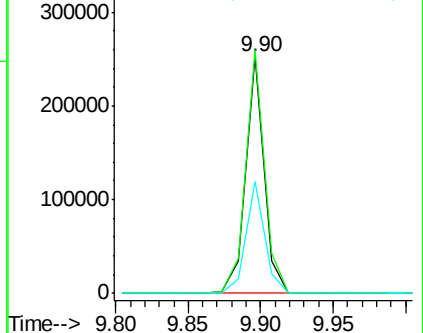
160 47.0 39.5 59.3



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: 107.18 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

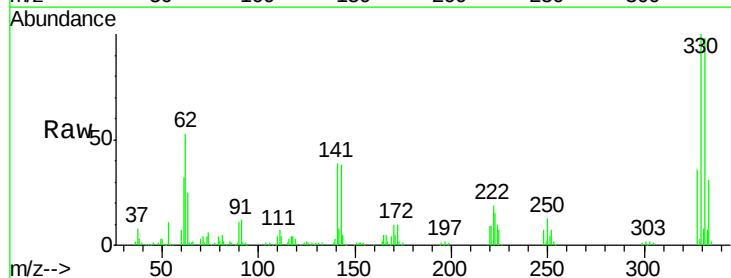
Tgt Ion:330 Resp: 240601

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

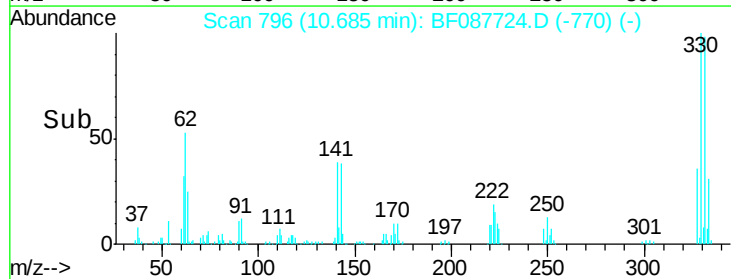
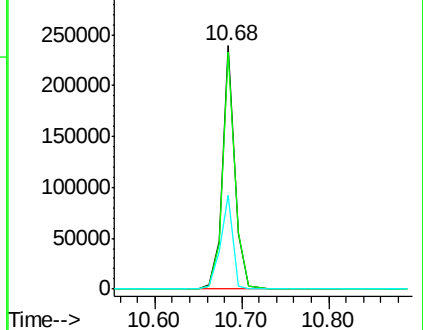
141 38.9 0.0 0.0#

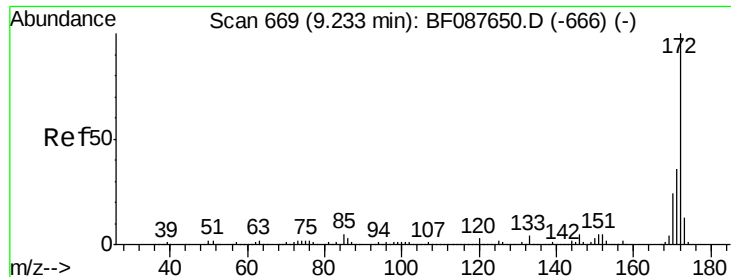


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

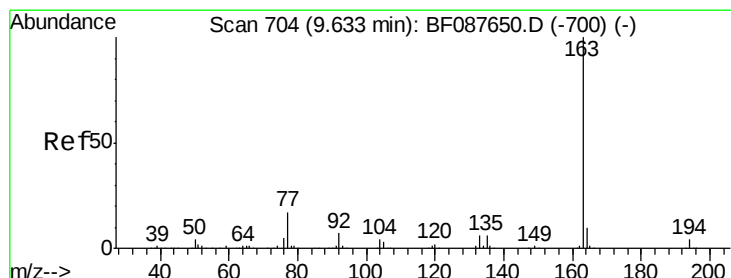
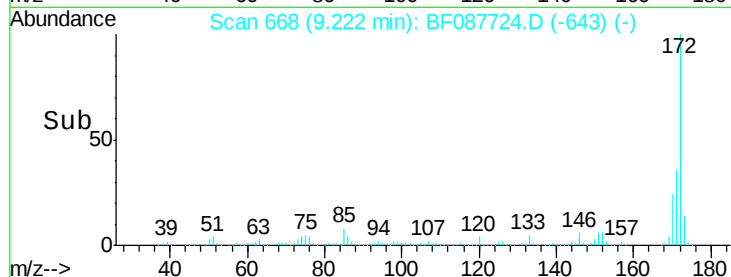
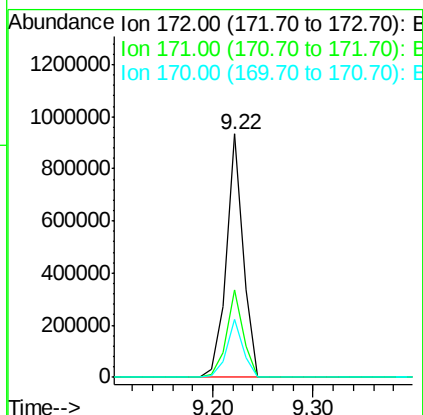
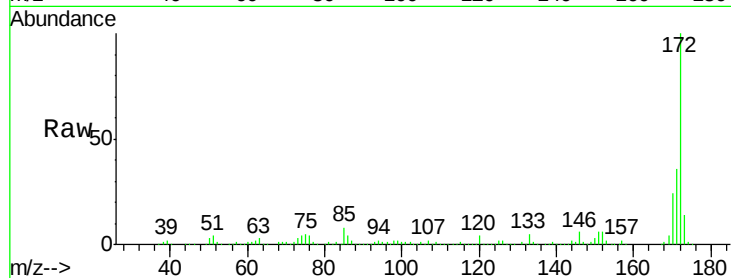




#44
2-Fluorobiphenyl
Concen: 70.52 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087724.D
Acq: 5 Jun 2016 23:22

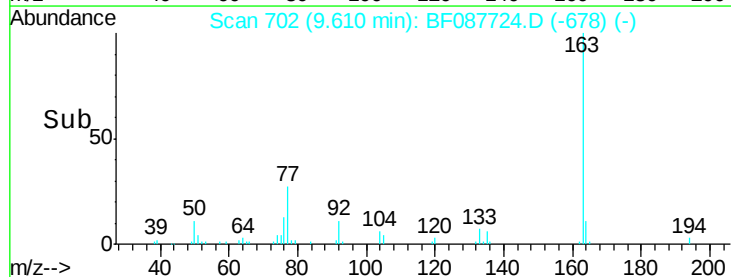
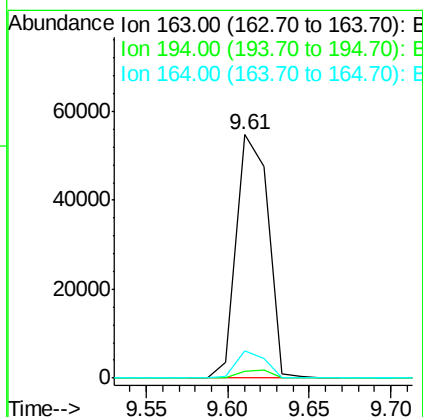
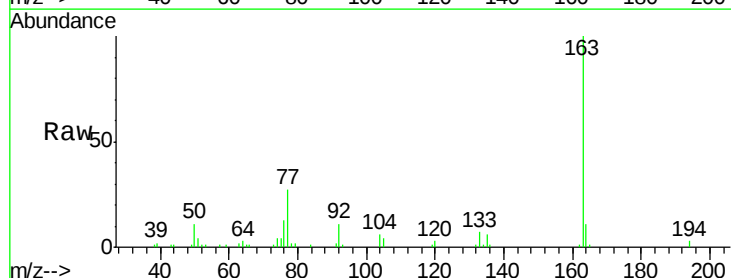
Instrument :
BNA_F
ClientSampleId :
SB-6

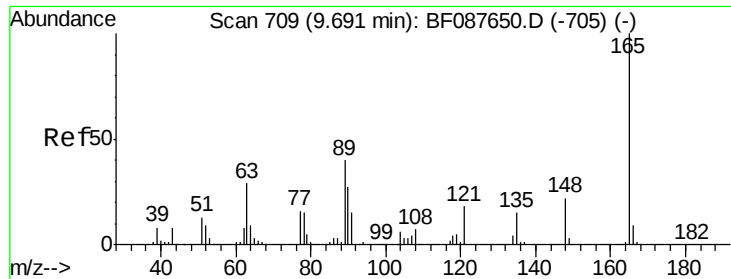
Tgt Ion:172 Resp: 1084216
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 19.2 28.8



#49
Dimethylphthalate
Concen: 4.51 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087724.D
Acq: 5 Jun 2016 23:22

Tgt Ion:163 Resp: 73389
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 11.3 8.3 12.5

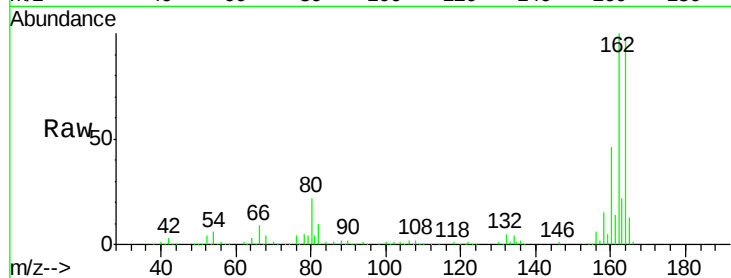




#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087724.D
Acq: 5 Jun 2016 23:22

Instrument :
BNA_F
ClientSampleId :
SB-6

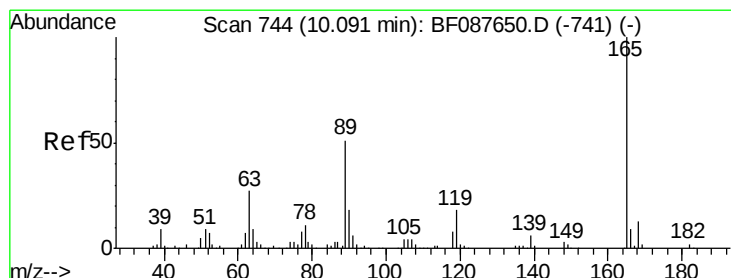
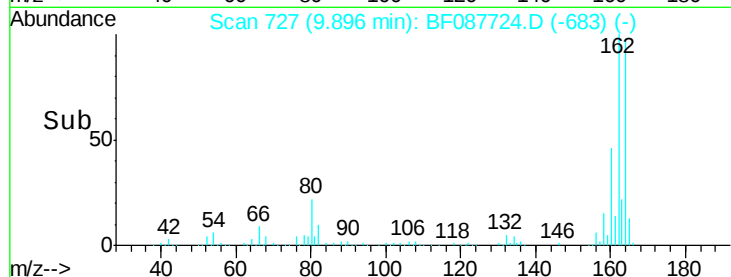
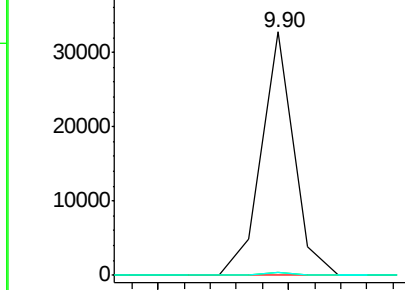
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.2	32.2	48.2#



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: 6.05 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087724.D
Acq: 5 Jun 2016 23:22

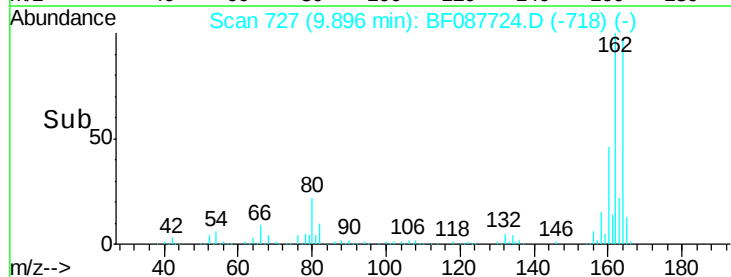
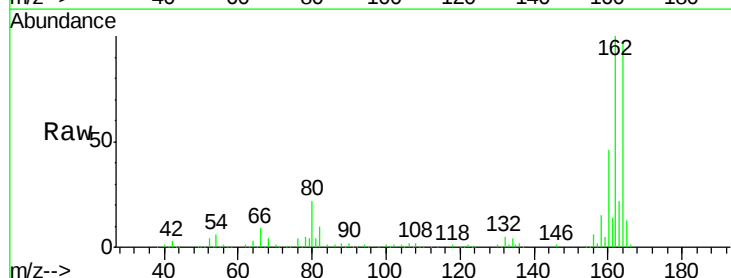
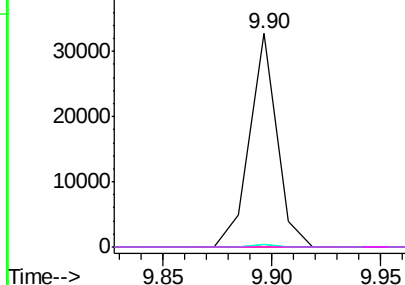
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.2	41.1	61.7#
182	0.0	2.0	3.0#

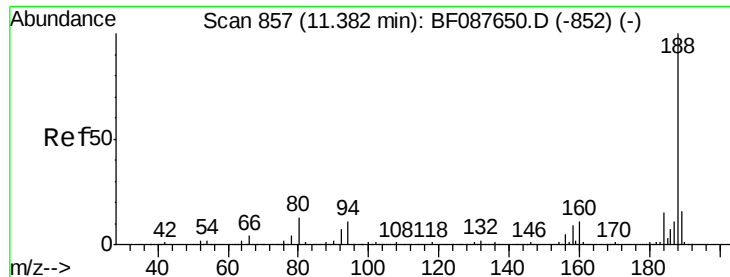
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

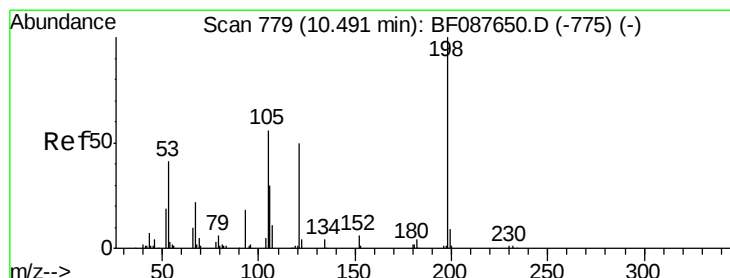
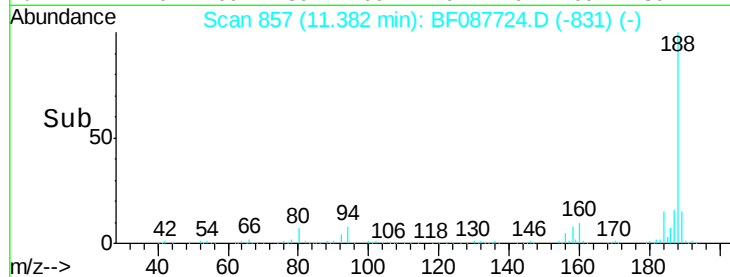
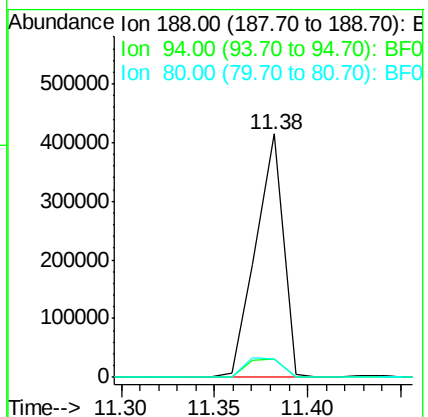
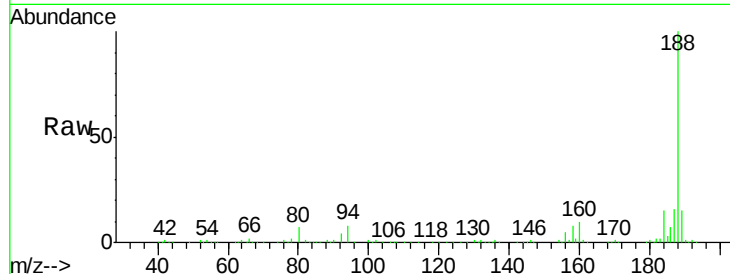




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087724.D
Acq: 5 Jun 2016 23:22

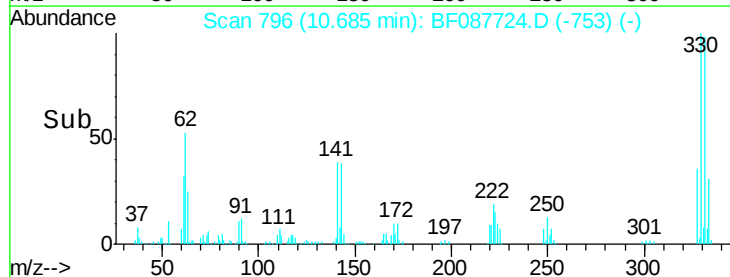
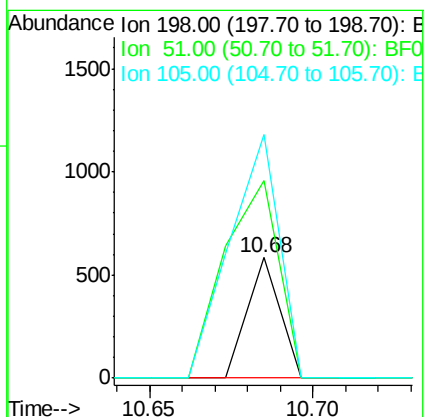
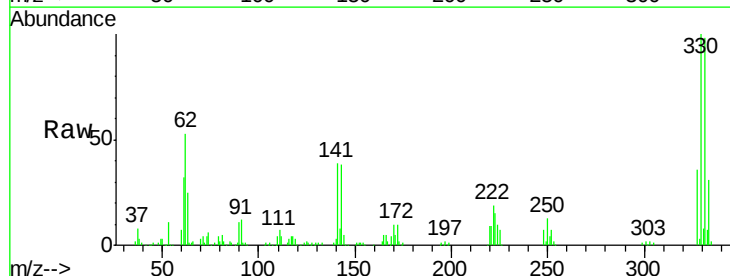
Instrument :
BNA_F
ClientSampled :
SB-6

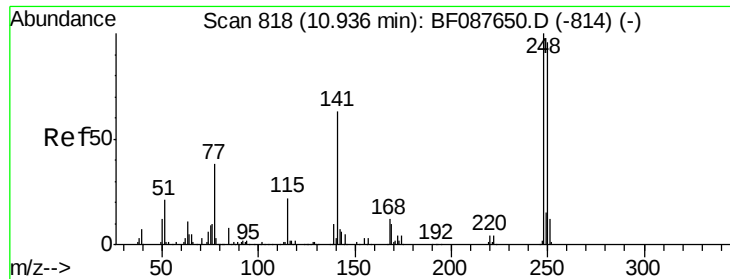
Tgt Ion:188 Resp: 425848
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.4 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.18 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087724.D
Acq: 5 Jun 2016 23:22

Tgt Ion:198 Resp: 400
Ion Ratio Lower Upper
198 100
51 163.9 39.6 79.6#
105 202.1 36.6 76.6#

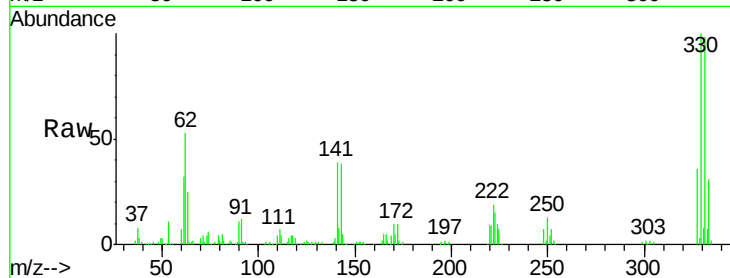




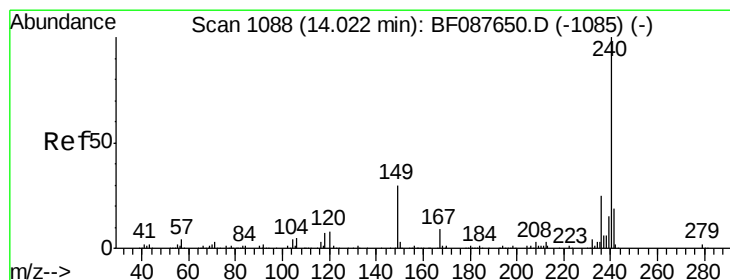
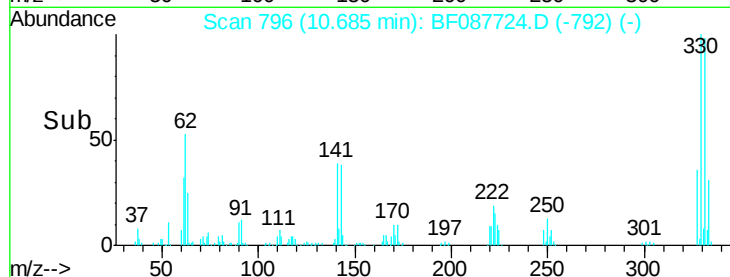
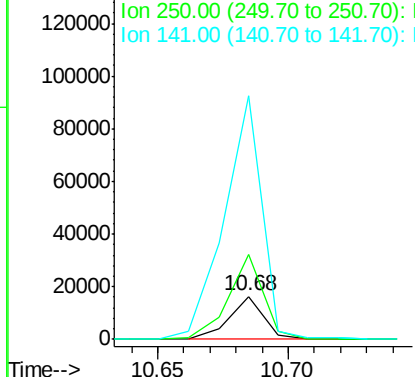
#66
 4-Bromophenyl-phenylether
 Concen: 3.56 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087724.D
 Acq: 5 Jun 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tgt Ion:248 Resp: 15027
 Ion Ratio Lower Upper
 248 100
 250 197.0 77.1 115.7#
 141 566.7 50.6 76.0#

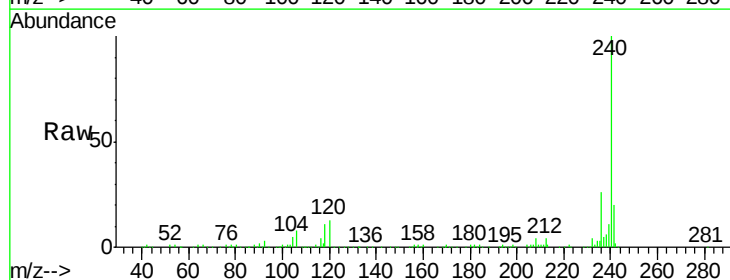


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

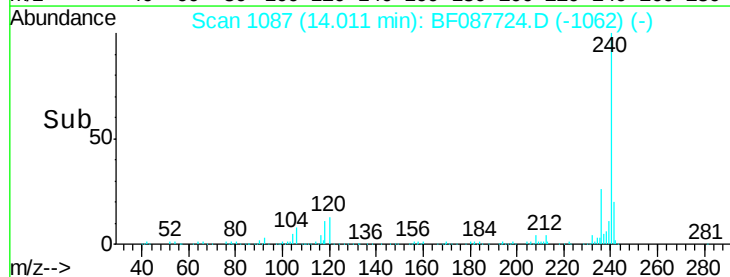
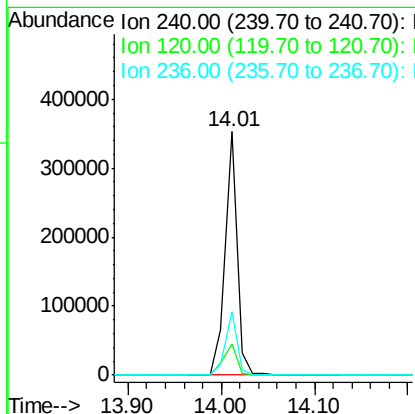


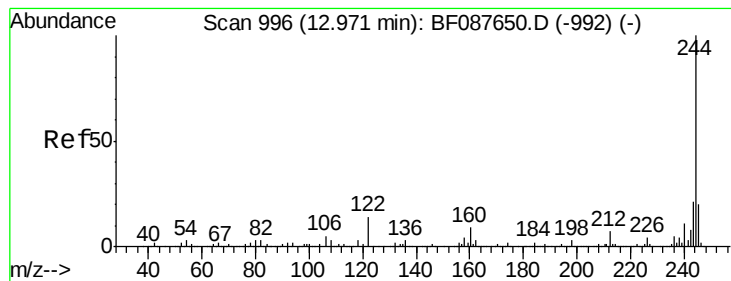
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF087724.D
 Acq: 5 Jun 2016 23:22

Tgt Ion:240 Resp: 314197
 Ion Ratio Lower Upper
 240 100
 120 12.8 6.8 10.2#
 236 25.8 20.2 30.2



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: 75.34 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SB-6

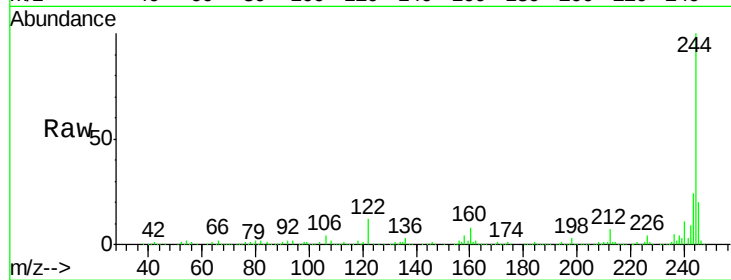
Tgt Ion:244 Resp: 970054

Ion Ratio Lower Upper

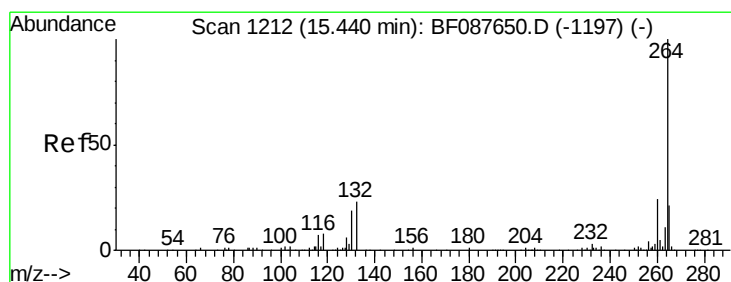
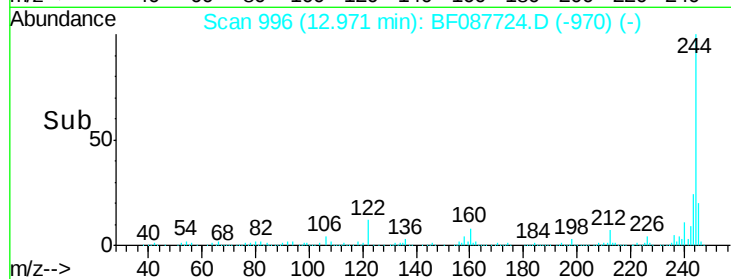
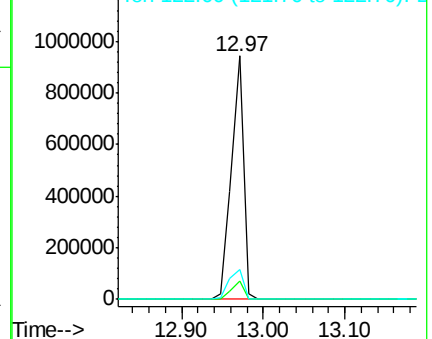
244 100

212 7.5 6.0 9.0

122 12.0 11.2 16.8



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: 15.44 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF087724.D

Acq: 5 Jun 2016 23:22

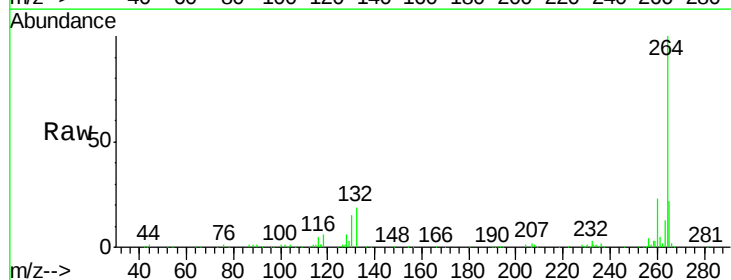
Tgt Ion:264 Resp: 250944

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.9 16.9 25.3



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

