

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087695.D
 Acq On : 5 Jun 2016 8:11
 Operator : UM/SJ
 Sample : H3344-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Quant Time: Jun 06 01:15:14 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

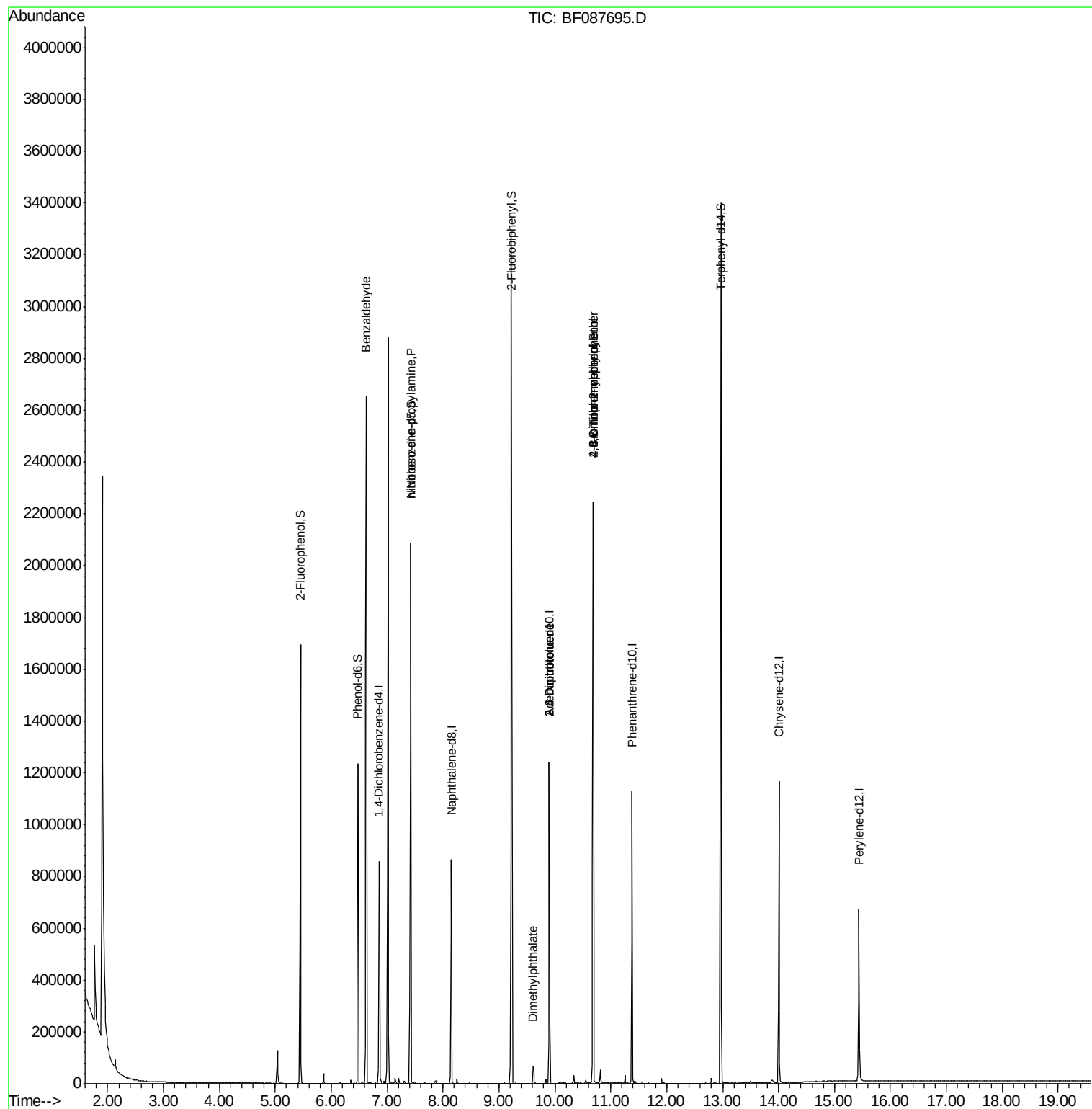
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122996	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	514920	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	240126	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	468958	20.00	ng	0.00
75) Chrysene-d12	14.01	240	379986	20.00	ng	-0.01
86) Perylene-d12	15.44	264	294079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	462741	60.81	ng	0.00
7) Phenol-d6	6.48	99	404791	42.42	ng	-0.01
23) Nitrobenzene-d5	7.43	82	880433	98.93	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	313781	130.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1385159	90.41	ng	-0.01
78) Terphenyl-d14	12.97	244	1140711	73.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	19737	3.06	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	117324	19.68	ng	# 73
49) Dimethylphthalate	9.61	163	35600	2.04	ng	99
50) 2,6-Dinitrotoluene	9.90	165	31115	7.83	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	31109	6.15	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	512	2.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	18426	3.96	ng	# 1

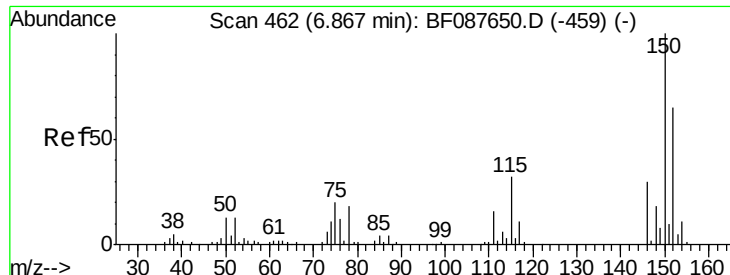
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087695.D

Acq: 5 Jun 2016 8:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

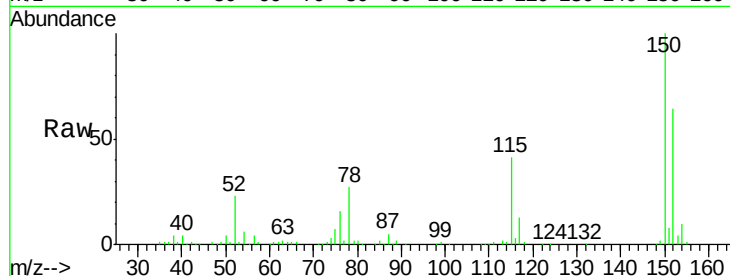
Tgt Ion:152 Resp: 122996

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

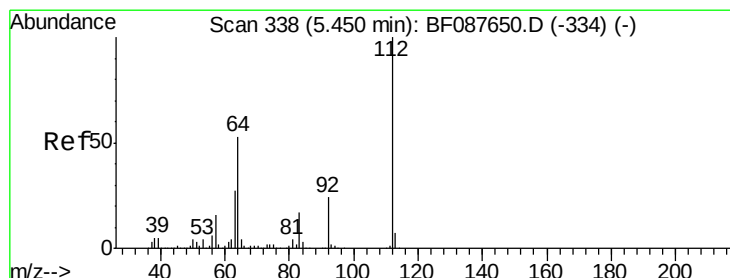
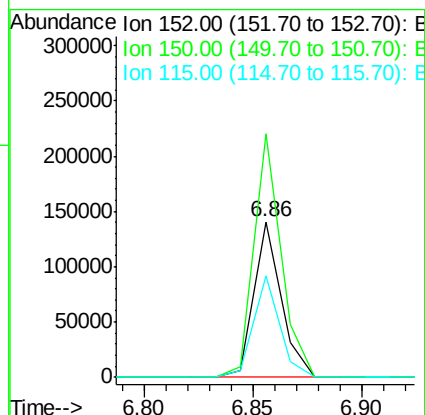
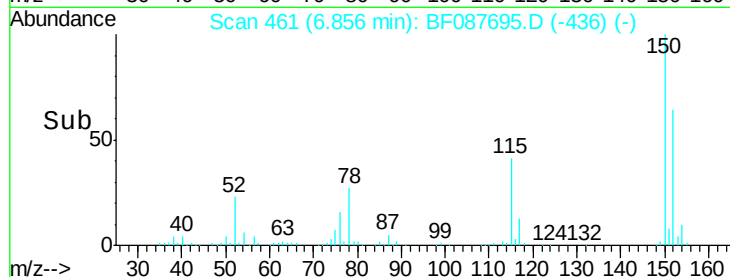
115 64.9 39.6 59.4#



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: 60.81 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

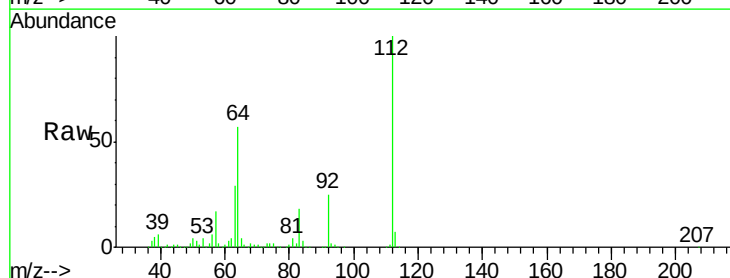
Tgt Ion:112 Resp: 462741

Ion Ratio Lower Upper

112 100

64 56.8 42.2 63.2

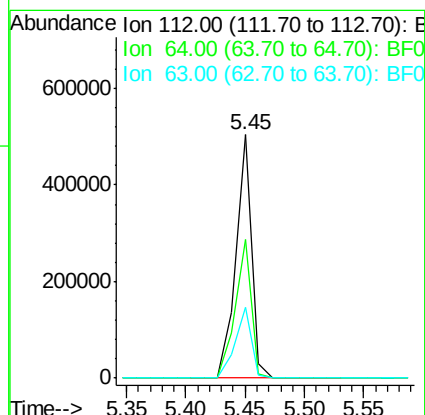
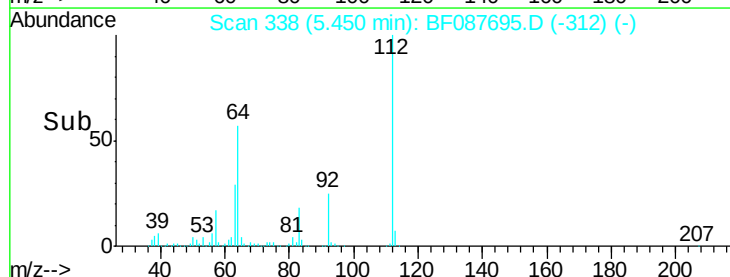
63 29.4 21.8 32.8

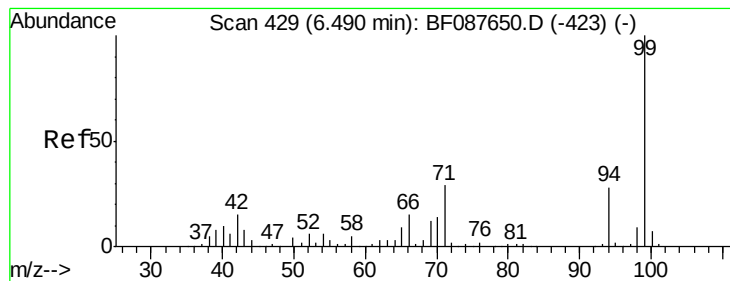


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.42 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

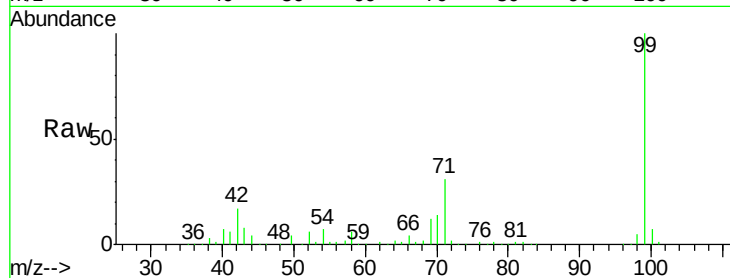
Tgt Ion: 99 Resp: 404791

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.2

71 31.4 23.4 35.0



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

6.48

400000

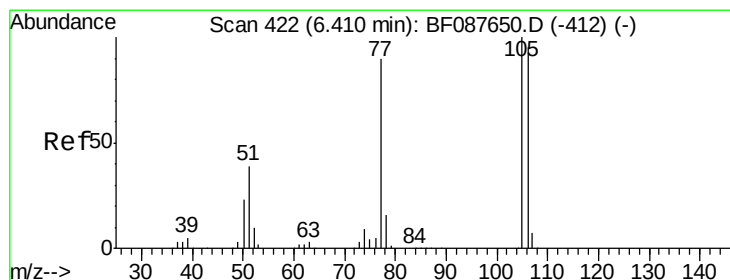
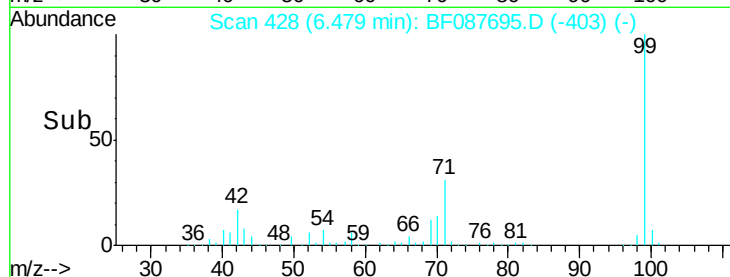
300000

200000

100000

0

Time-->



#9

Benzaldehyde

Concen: 3.06 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

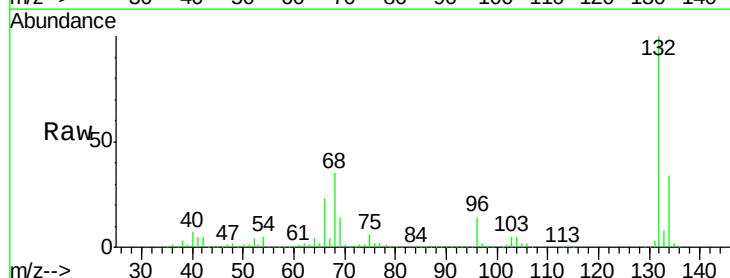
Tgt Ion: 77 Resp: 19737

Ion Ratio Lower Upper

77 100

105 83.0 90.6 130.6#

106 75.5 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.63

20000

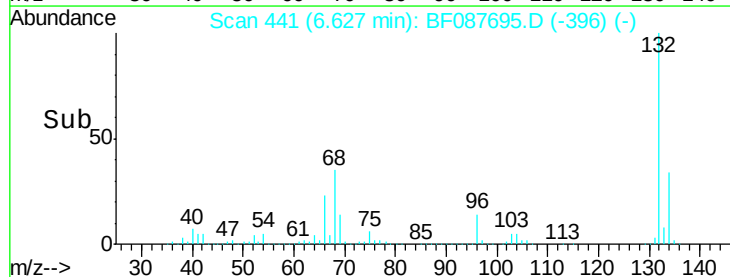
15000

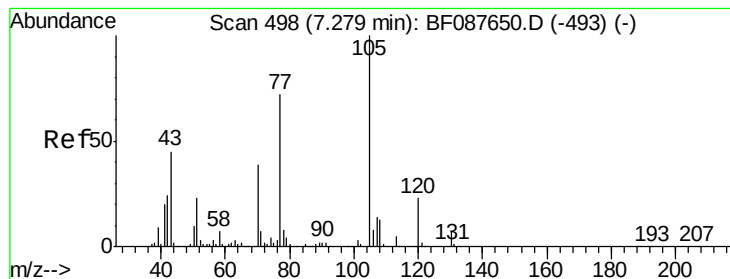
10000

5000

0

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 19.68 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

Tgt Ion: 70 Resp: 117324

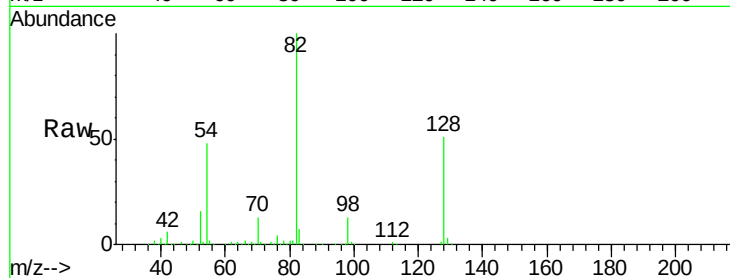
Ion Ratio Lower Upper

70 100

42 42.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

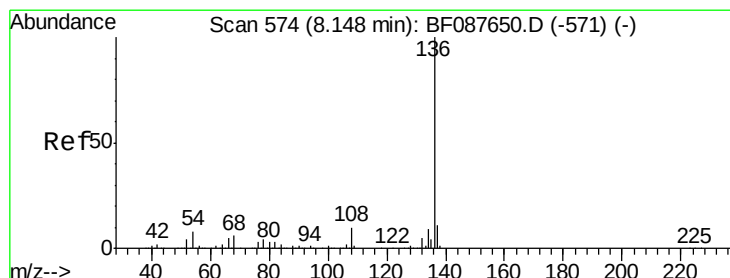
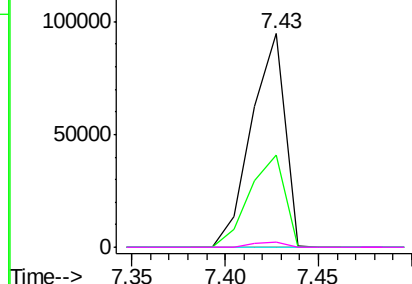
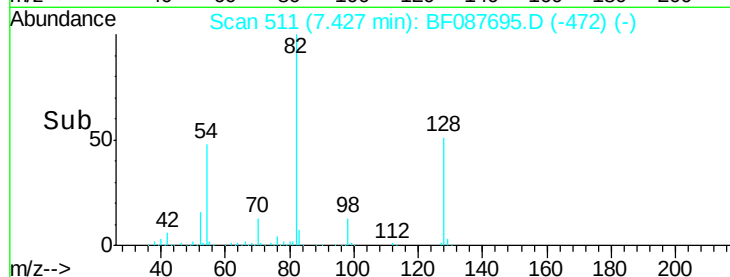


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

Tgt Ion: 136 Resp: 514920

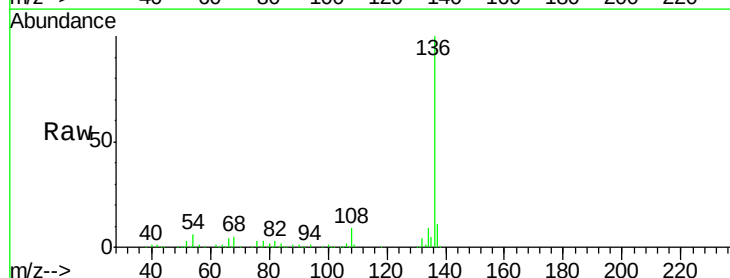
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.6 6.6 10.0#

68 4.6 5.1 7.7#

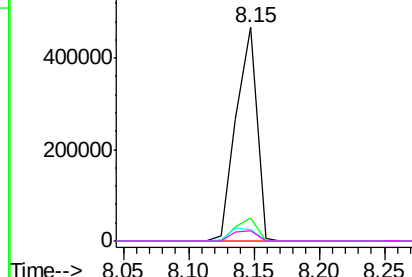
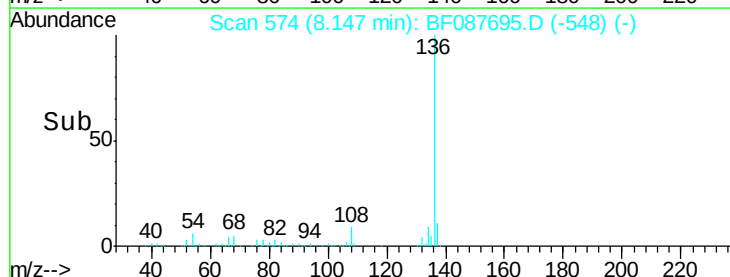


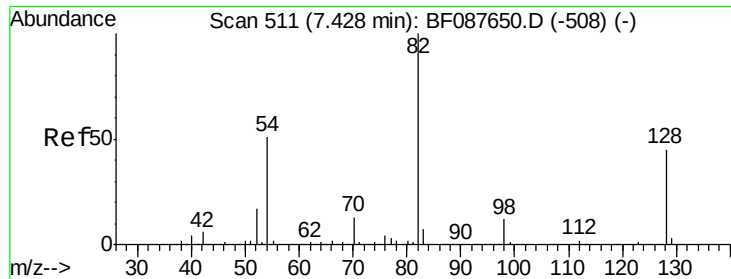
Abundance Ion 136.00 (135.70 to 136.70): E

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

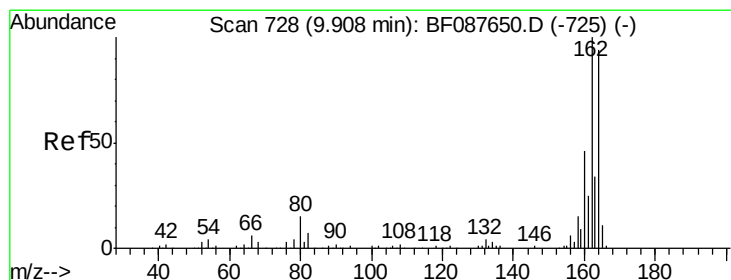
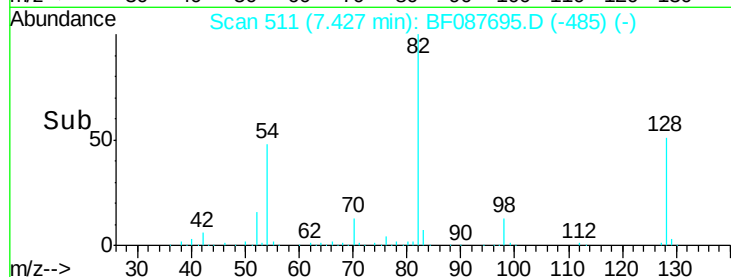
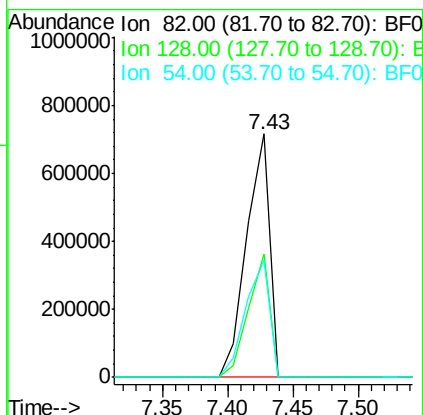
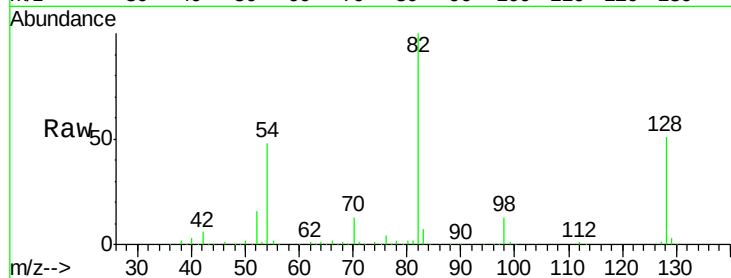




#23
 Nitrobenzene-d5
 Concen: 98.93 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087695.D
 Acq: 5 Jun 2016 8:11

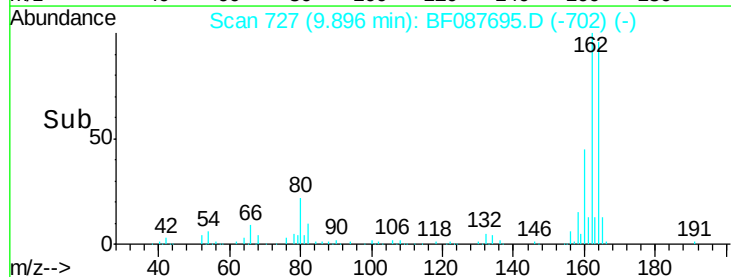
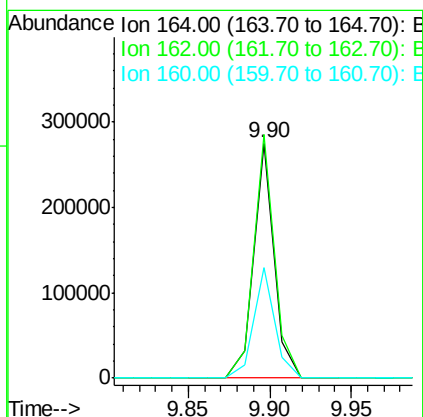
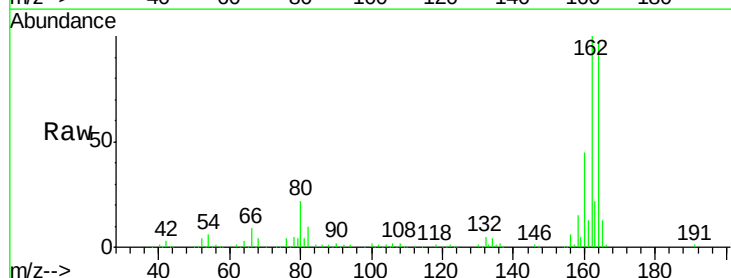
Instrument :
 BNA_F
 ClientSampled :
 FB-201605

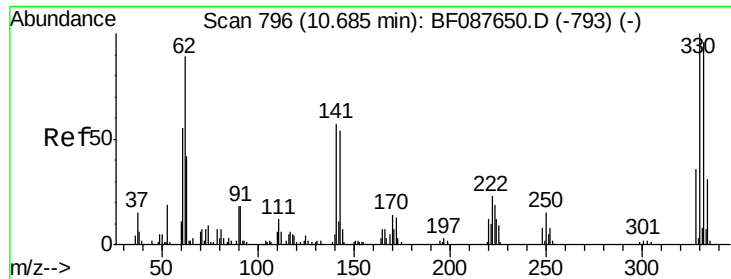
Tgt Ion: 82 Resp: 880433
 Ion Ratio Lower Upper
 82 100
 128 50.6 35.9 53.9
 54 47.8 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087695.D
 Acq: 5 Jun 2016 8:11

Tgt Ion: 164 Resp: 240126
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 47.0 39.5 59.3

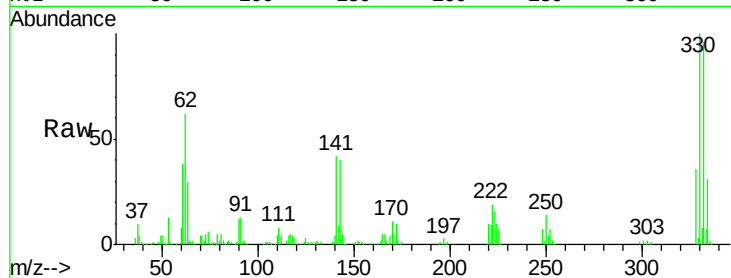




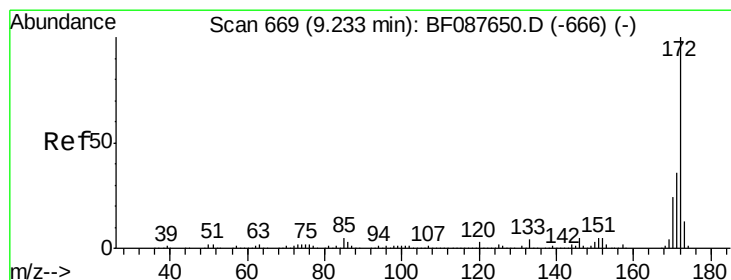
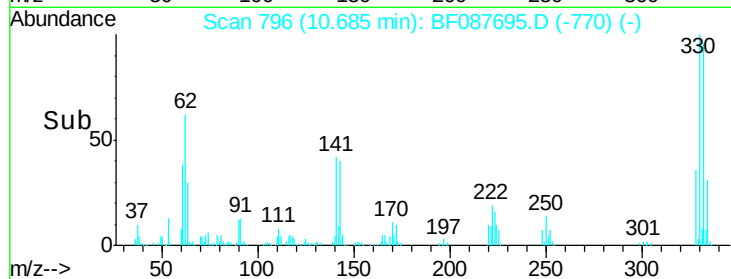
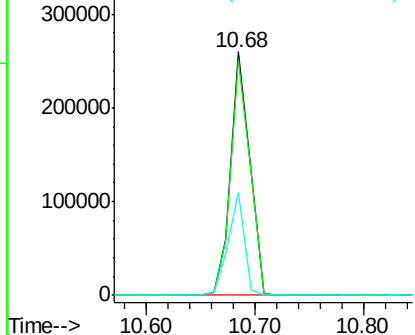
#41
 2,4,6-Tribromophenol
 Concen: 130.18 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087695.D
 Acq: 5 Jun 2016 8:11

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	35.6	0.0	0.0#

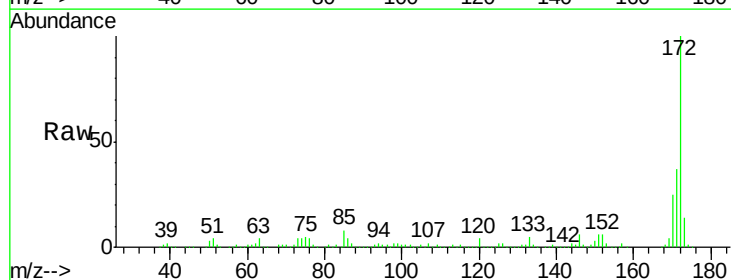


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

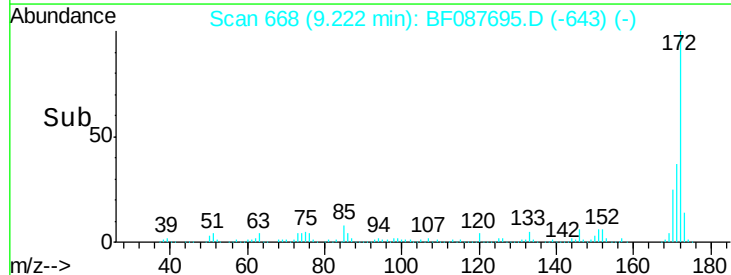
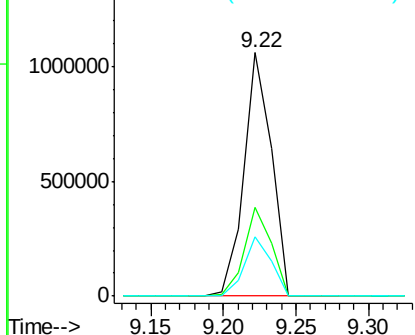


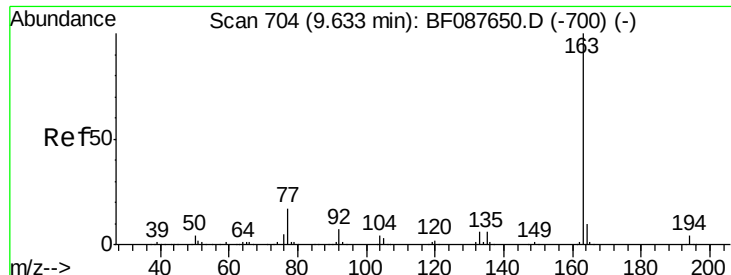
#44
 2-Fluorobiphenyl
 Concen: 90.41 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087695.D
 Acq: 5 Jun 2016 8:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.5	19.2	28.8



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

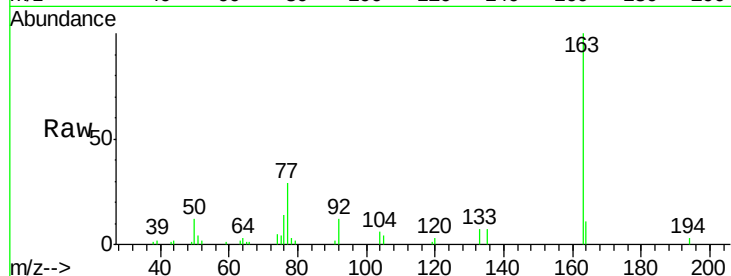




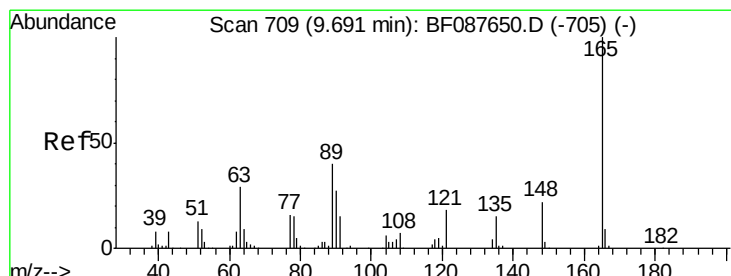
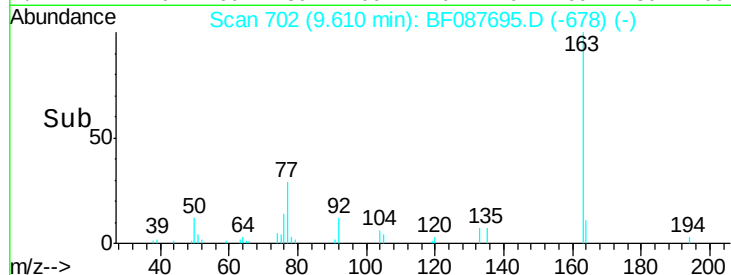
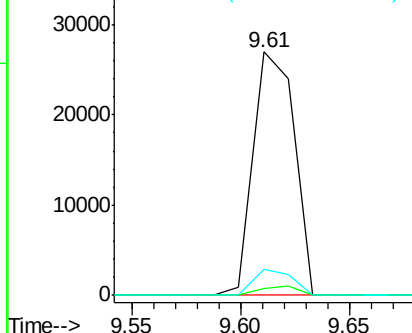
#49
Dimethylphthalate
Concen: 2.04 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087695.D
Acq: 5 Jun 2016 8:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:163 Resp: 35600
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.7 8.3 12.5

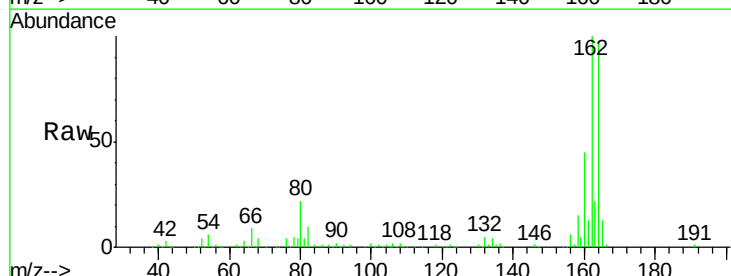


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

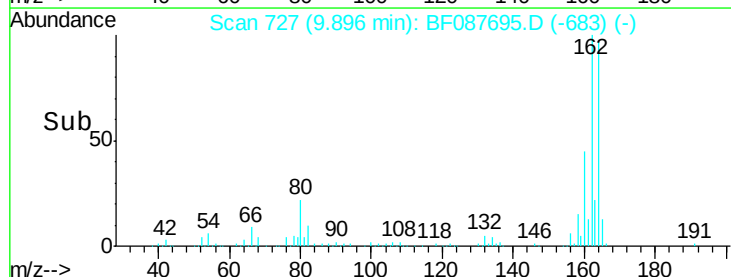
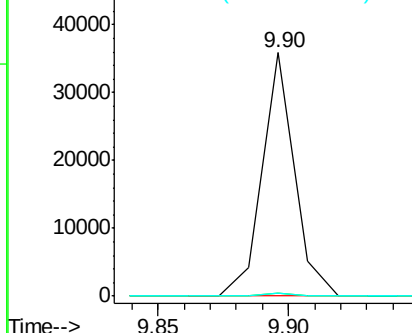


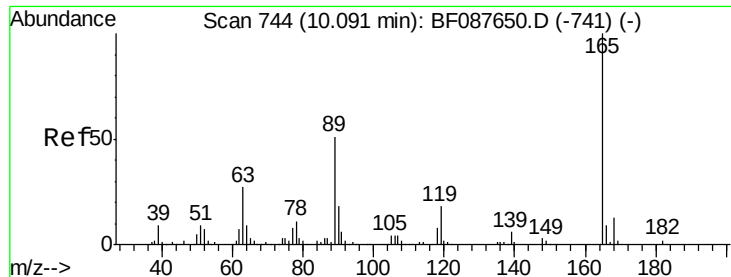
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087695.D
Acq: 5 Jun 2016 8:11

Tgt Ion:165 Resp: 31115
Ion Ratio Lower Upper
165 100
63 1.2 28.1 42.1#
89 1.4 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

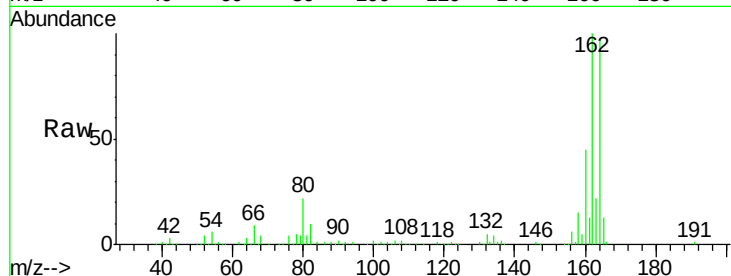




#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087695.D
Acq: 5 Jun 2016 8:11

Instrument :
BNA_F
ClientSampled :
FB-201605

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

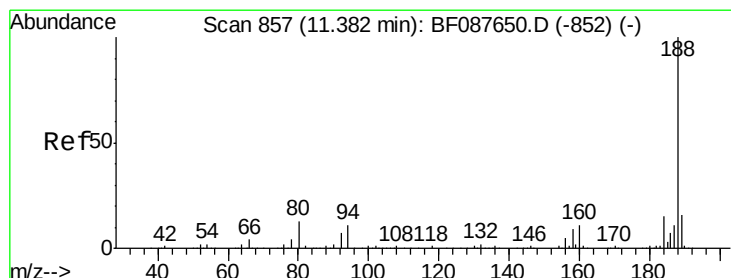
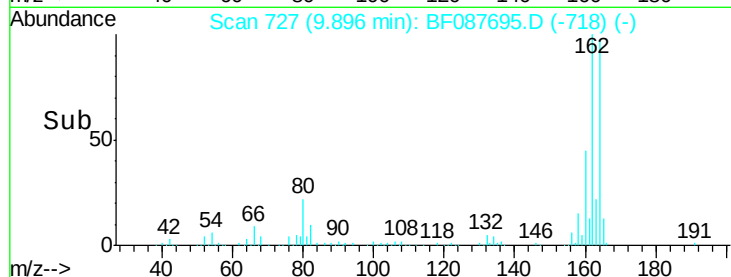
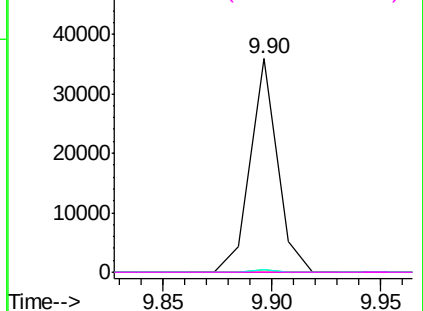


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

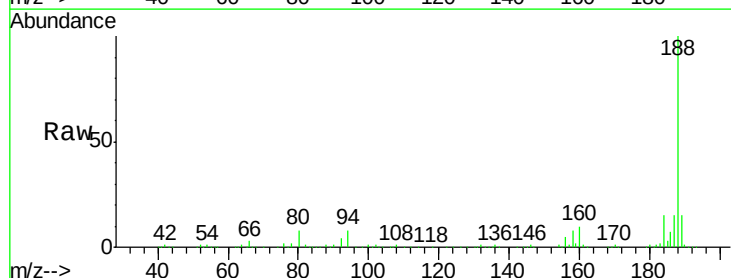
Ion 89.00 (88.70 to 89.70): BF0

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: BF087695.D
Acq: 5 Jun 2016 8:11

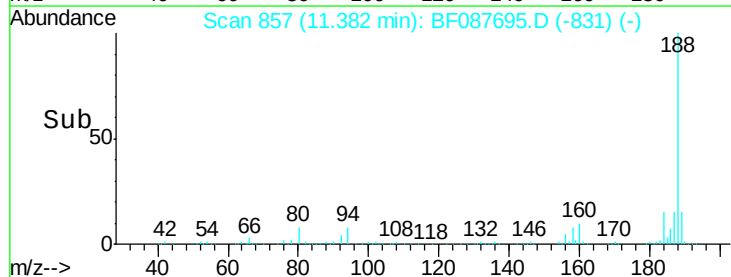
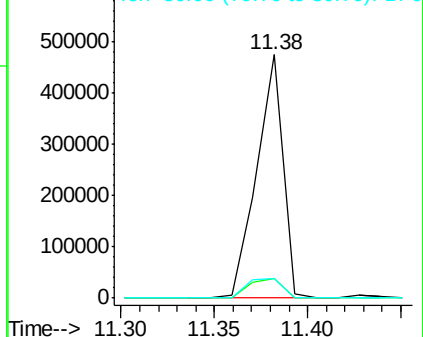
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.6#
80	8.2	10.0	15.0#

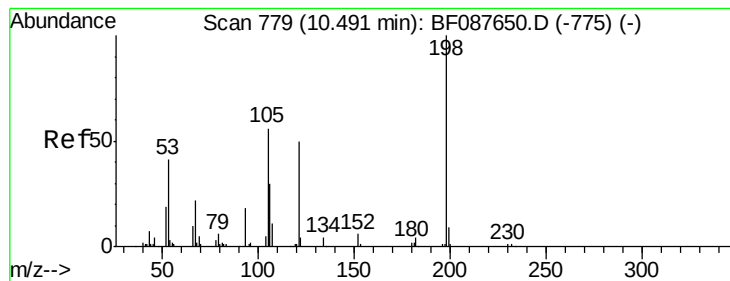


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.20 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

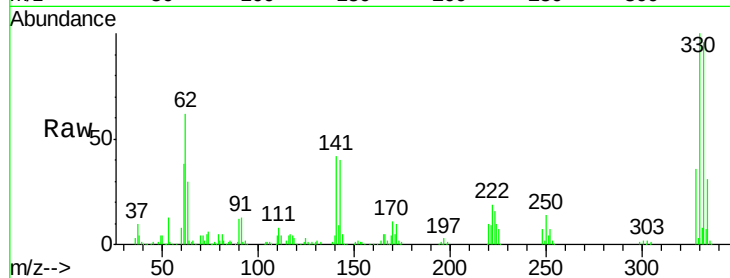
Tgt Ion:198 Resp: 512

Ion Ratio Lower Upper

198 100

51 170.4 39.6 79.6#

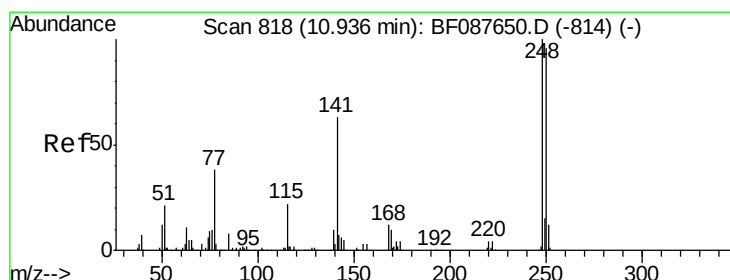
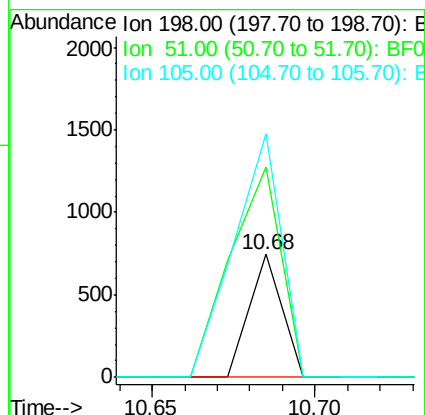
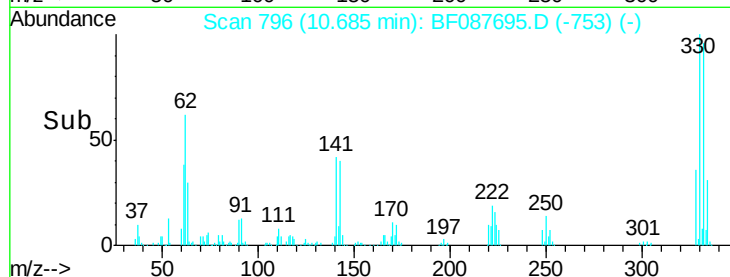
105 197.6 36.6 76.6#



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: 3.96 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

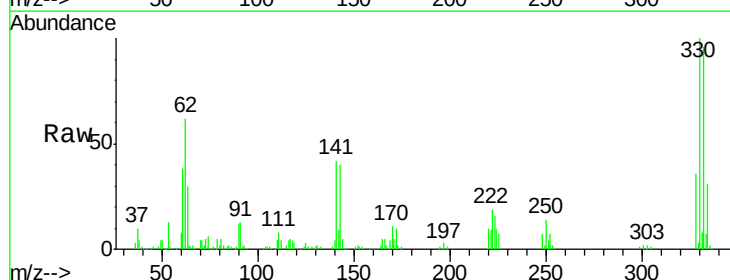
Tgt Ion:248 Resp: 18426

Ion Ratio Lower Upper

248 100

250 196.8 77.1 115.7#

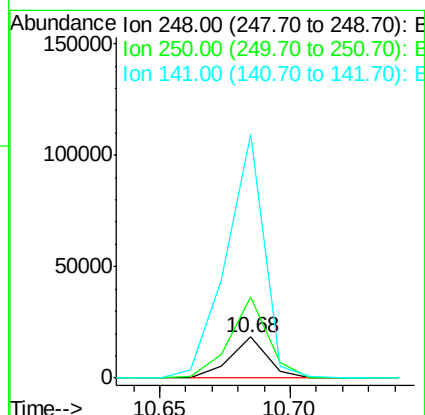
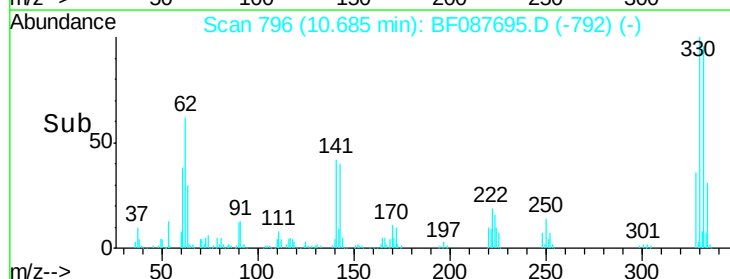
141 593.2 50.6 76.0#

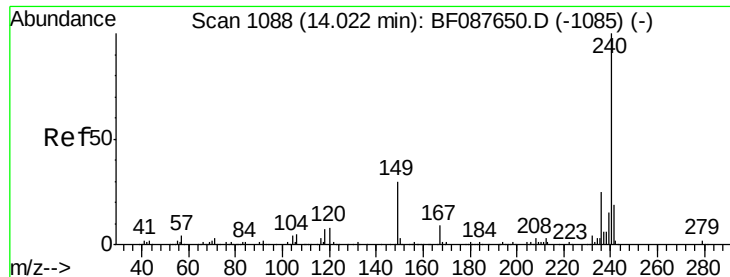


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087695.D

Acq: 5 Jun 2016 8:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

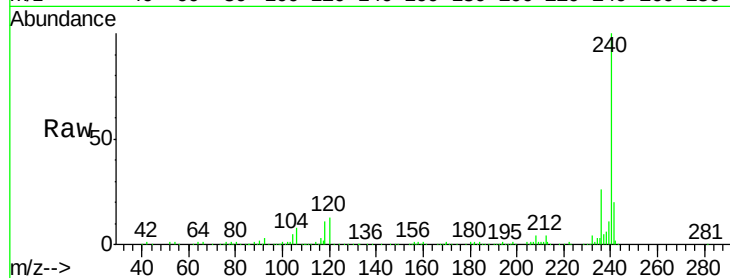
Tgt Ion:240 Resp: 379986

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

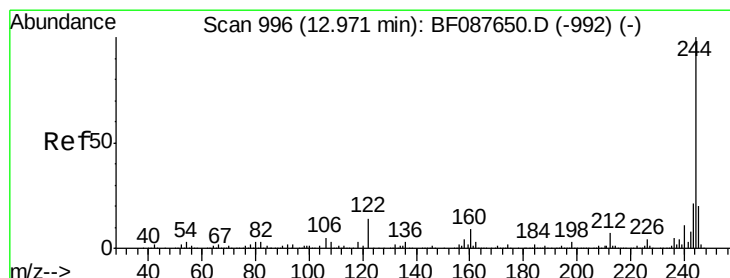
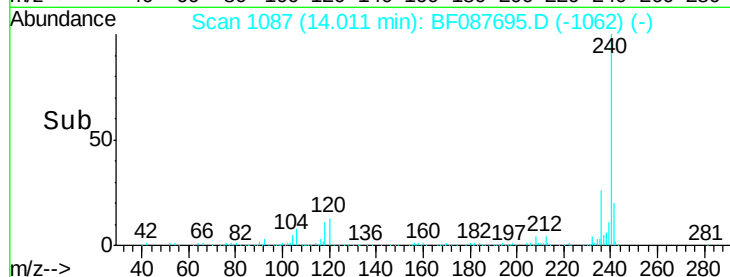
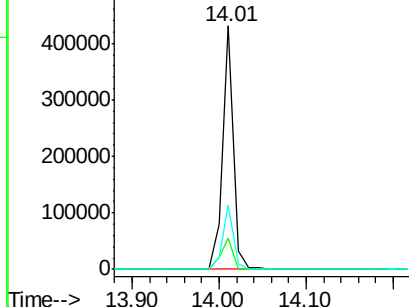
236 26.3 20.2 30.2



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: 73.25 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087695.D

Acq: 5 Jun 2016 8:11

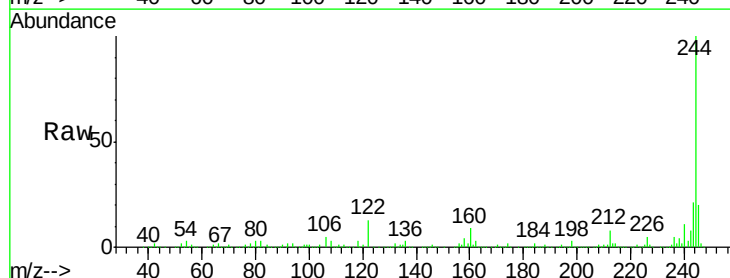
Tgt Ion:244 Resp: 1140711

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

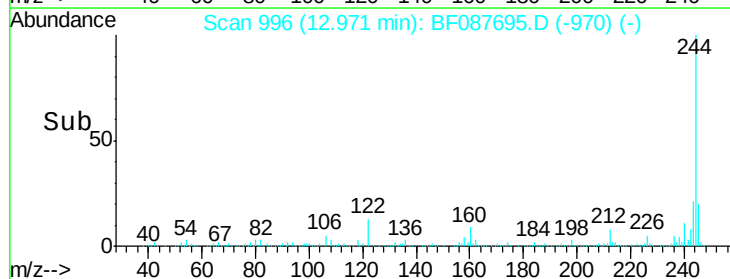
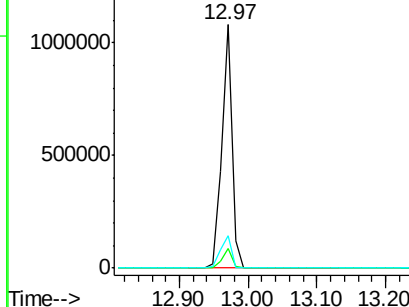
122 13.4 11.2 16.8

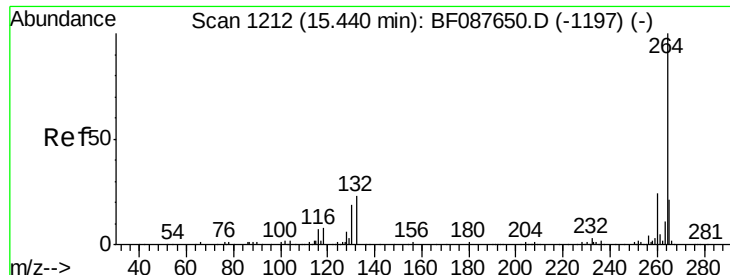


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

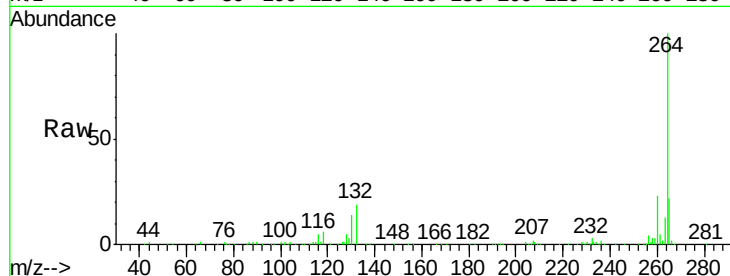




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087695.D
Acq: 5 Jun 2016 8:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion: 264 Resp: 294079
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.7 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

