

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087699.D
 Acq On : 5 Jun 2016 10:11
 Operator : UM/SJ
 Sample : H3345-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Quant Time: Jun 06 01:19:03 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

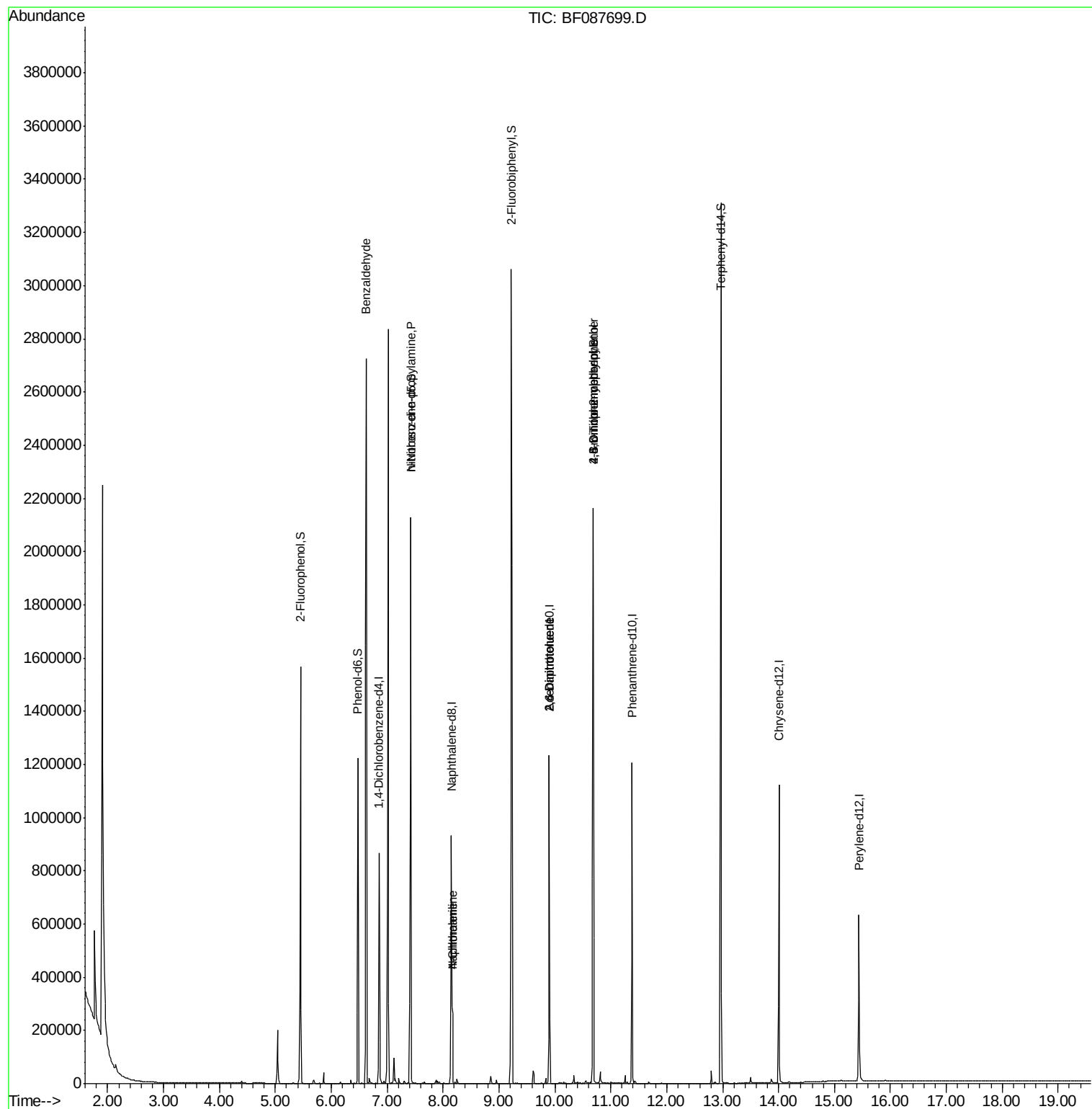
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125039	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	523232	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	239910	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	468455	20.00	ng	0.00
75) Chrysene-d12	14.01	240	374449	20.00	ng	-0.01
86) Perylene-d12	15.44	264	278900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	446804	57.76	ng	0.00
7) Phenol-d6	6.48	99	388517	40.05	ng	-0.01
23) Nitrobenzene-d5	7.43	82	877891	97.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	324398	134.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1453651	97.80	ng	-0.01
78) Terphenyl-d14	12.97	244	1144072	74.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	20553	3.13	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	119004	19.64	ng	# 73
31) Naphthalene	8.17	128	199195	7.83	ng	97
33) 4-Chloroaniline	8.17	127	25257	2.29	ng	# 36
50) 2,6-Dinitrotoluene	9.90	165	30572	7.70	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	30573	6.05	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	429	2.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	18128	3.90	ng	# 1

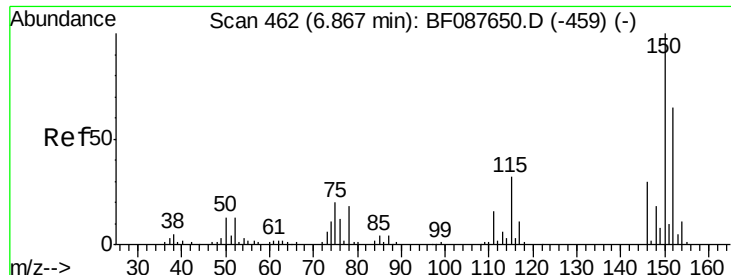
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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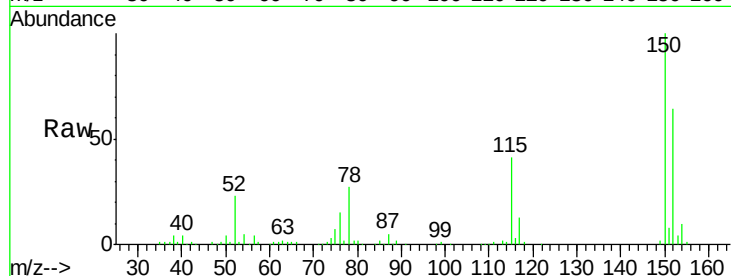


#1

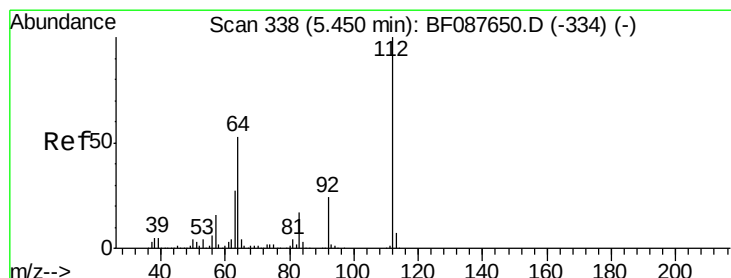
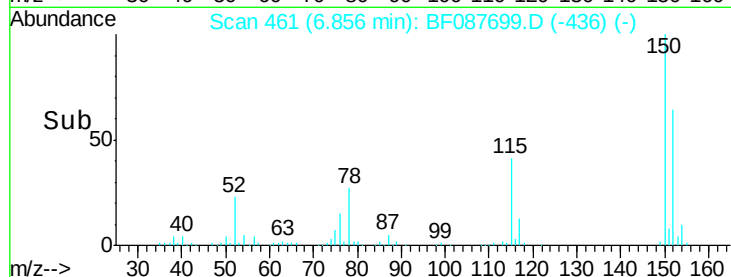
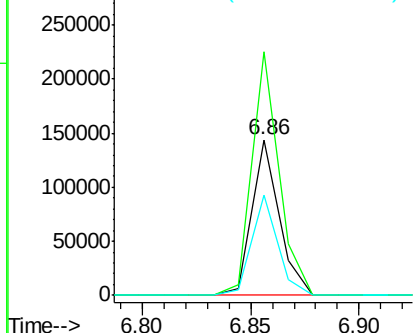
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:152 Resp: 125039
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 64.5 39.6 59.4#



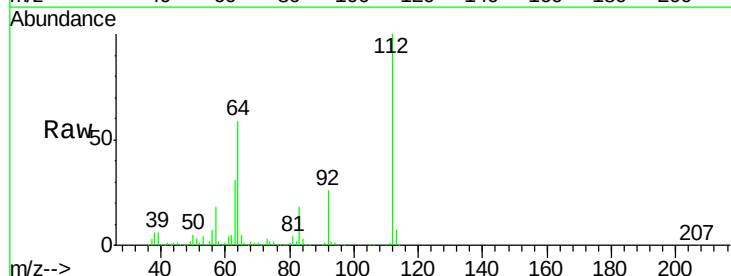
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



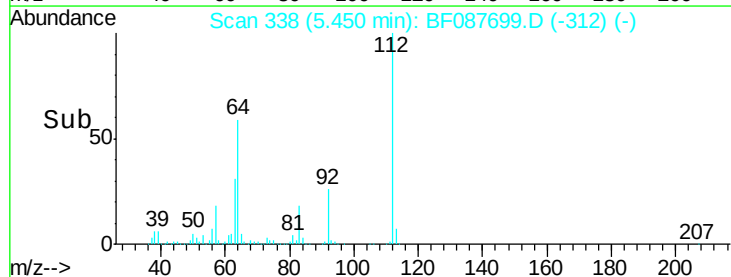
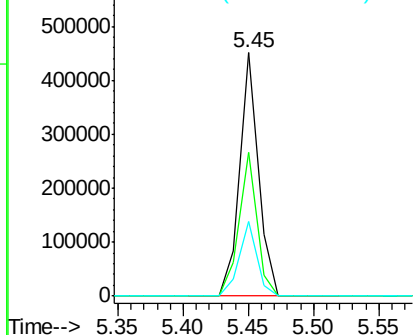
#5

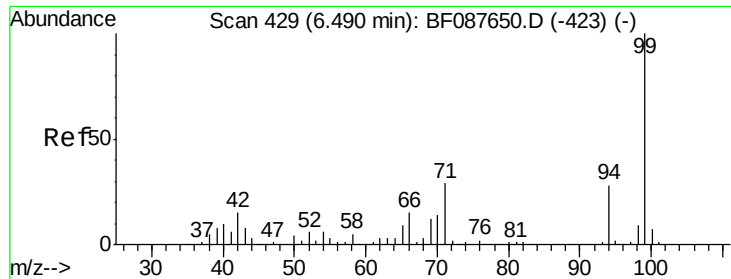
2-Fluorophenol
Concen: 57.76 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:112 Resp: 446804
Ion Ratio Lower Upper
112 100
64 59.1 42.2 63.2
63 30.6 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: 40.05 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

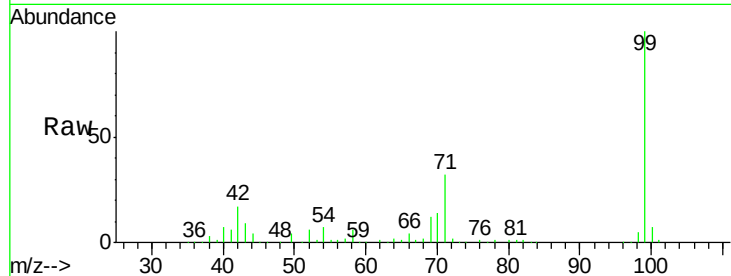
Tgt Ion: 99 Resp: 388517

Ion Ratio Lower Upper

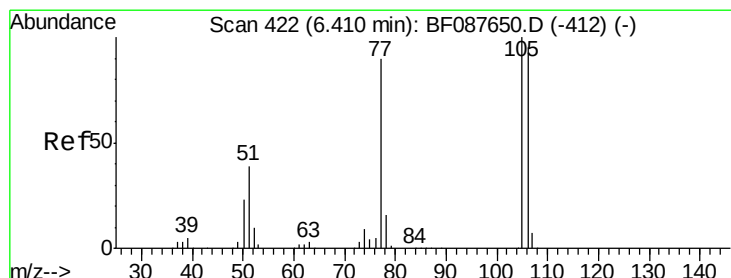
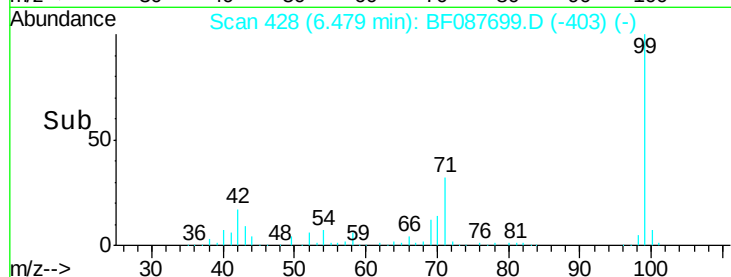
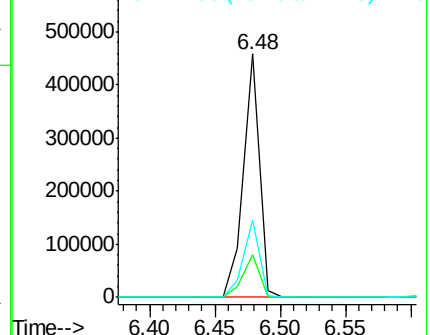
99 100

42 17.5 12.2 18.2

71 31.8 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



#9

Benzaldehyde

Concen: 3.13 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

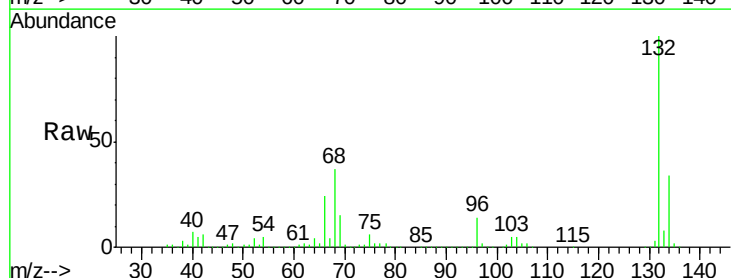
Tgt Ion: 77 Resp: 20553

Ion Ratio Lower Upper

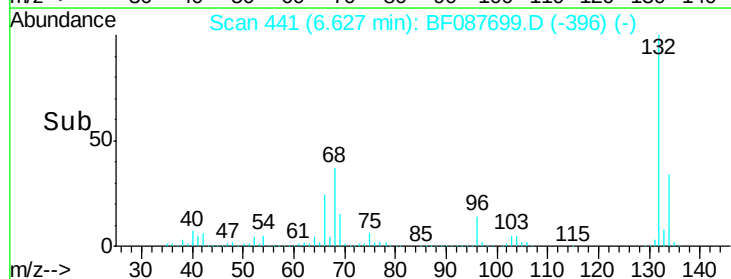
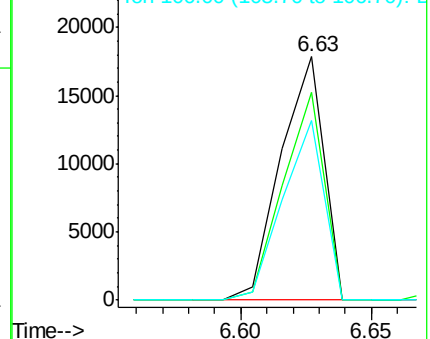
77 100

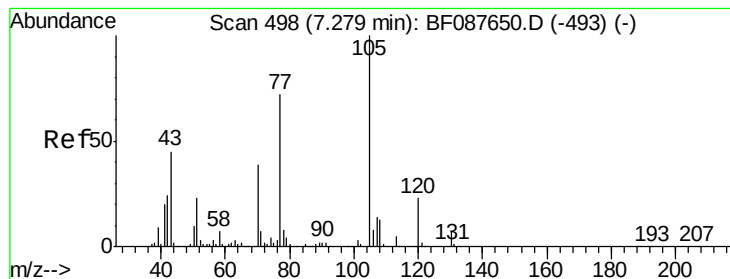
105 85.4 90.6 130.6#

106 73.7 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





#19

n-Nitroso-di-n-propylamine

Concen: 19.64 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

Tgt Ion: 70 Resp: 119004

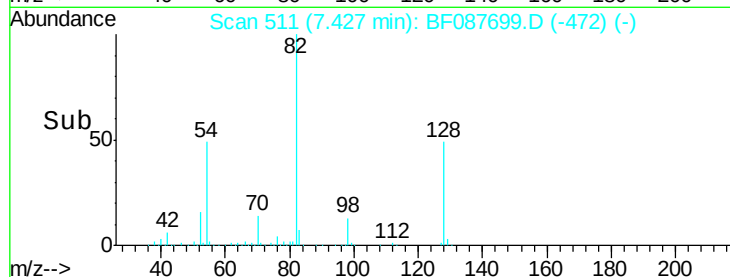
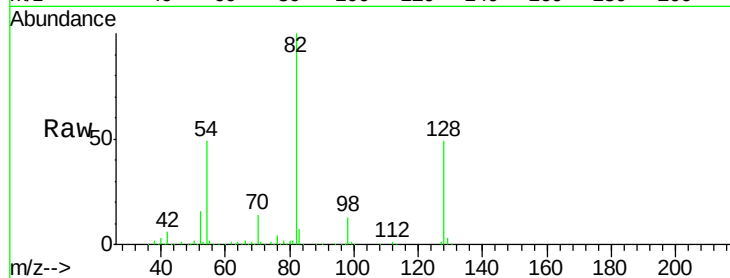
Ion Ratio Lower Upper

70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

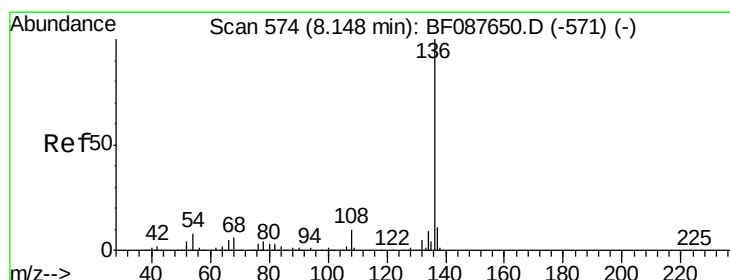
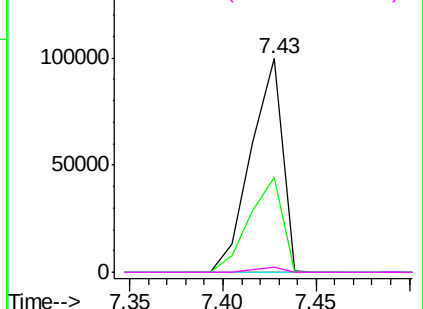


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF087699.D

Acq: 5 Jun 2016 10:11

Tgt Ion: 136 Resp: 523232

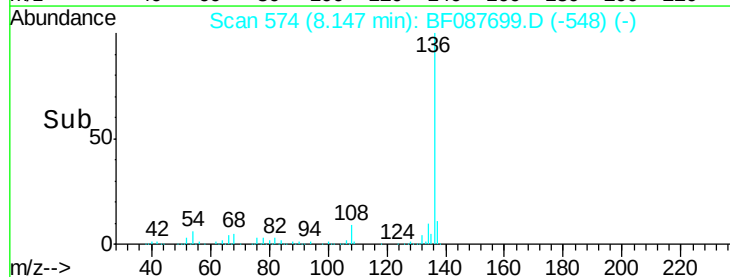
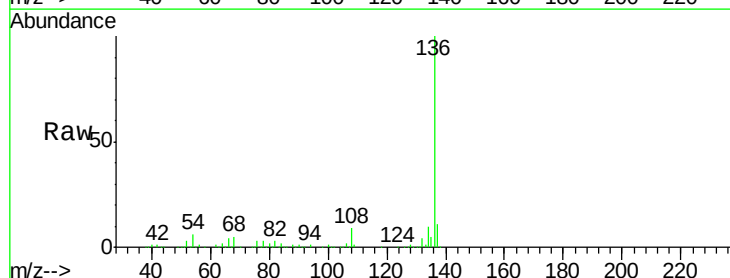
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 6.6 10.0#

68 4.9 5.1 7.7#

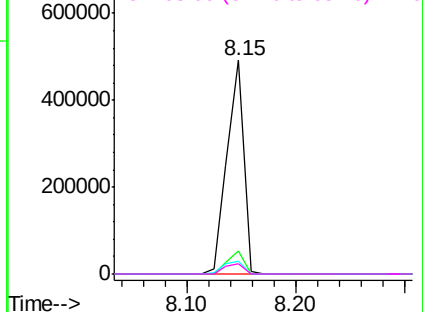


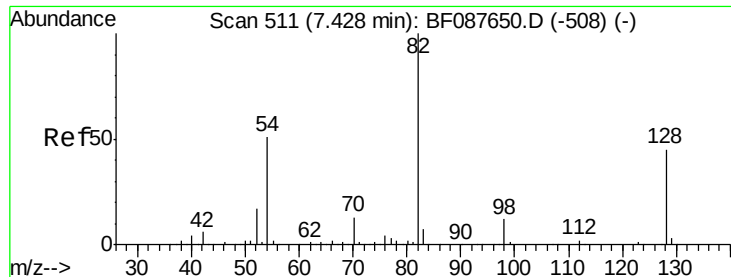
Abundance Ion 136.00 (135.70 to 136.70): E

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

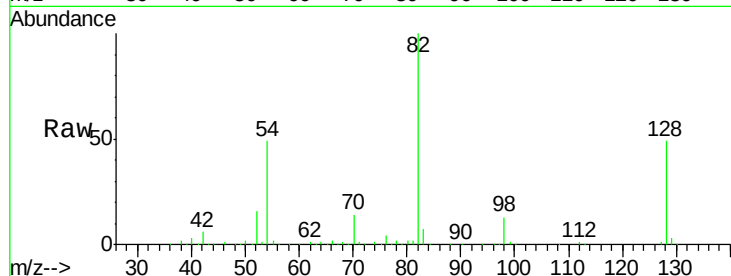




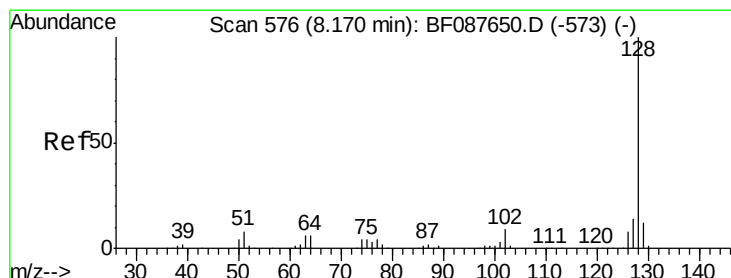
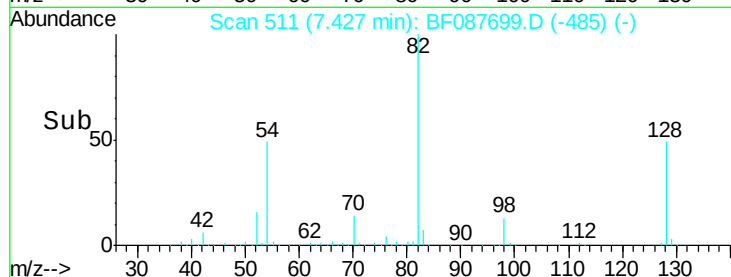
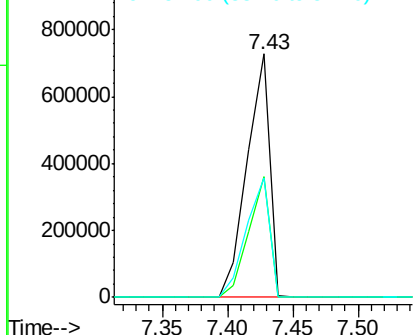
#23
 Nitrobenzene-d5
 Concen: 97.07 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Instrument :
 BNA_F
 ClientSampled :
 FB-201605

Tgt Ion: 82 Resp: 877891
 Ion Ratio Lower Upper
 82 100
 128 49.5 35.9 53.9
 54 49.1 40.9 61.3

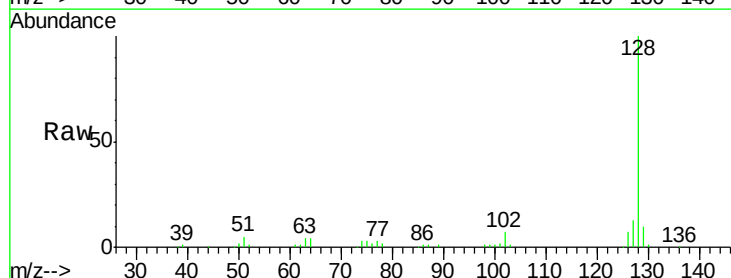


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

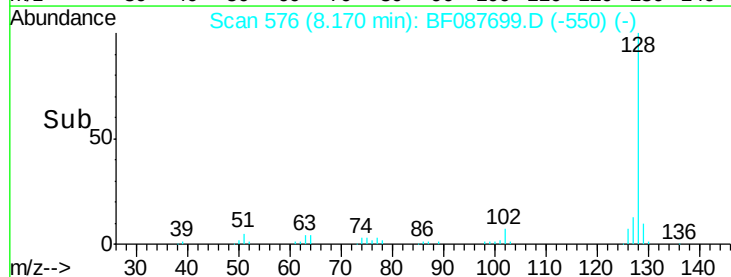
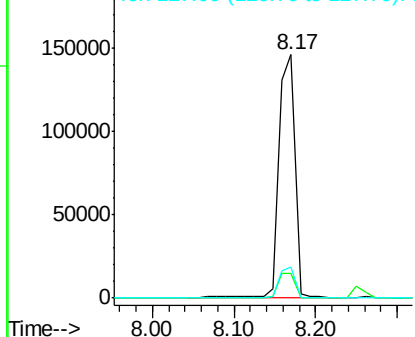


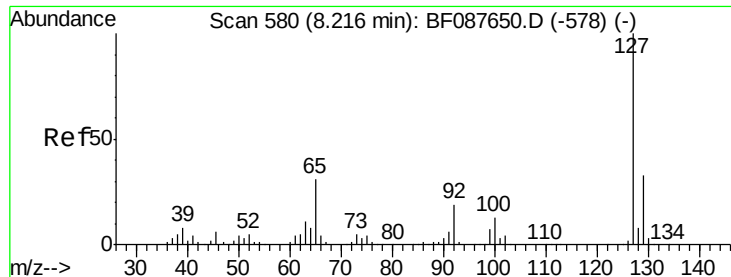
#31
 Naphthalene
 Concen: 7.83 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Tgt Ion: 128 Resp: 199195
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.4 14.2
 127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

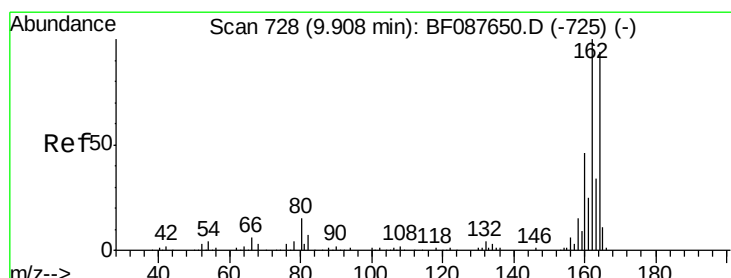
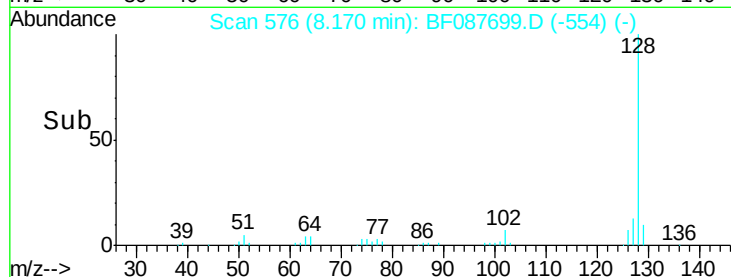
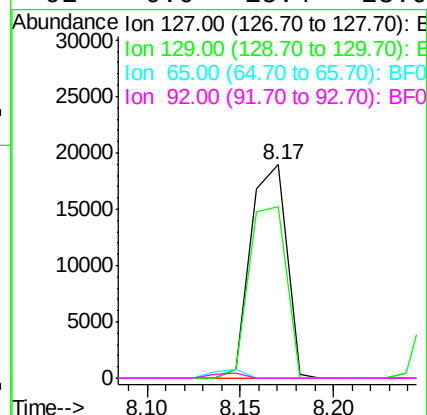
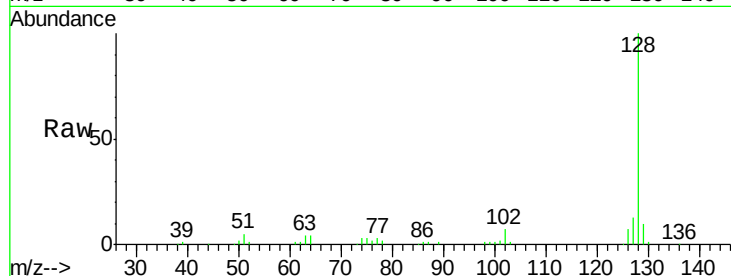




#33
4-Chloroaniline
Concen: 2.29 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.05 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

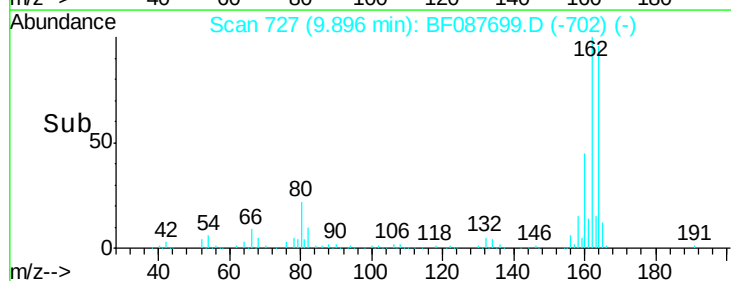
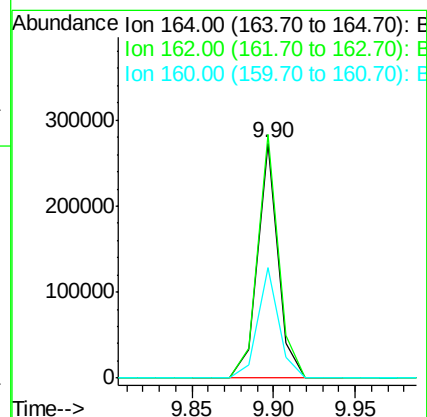
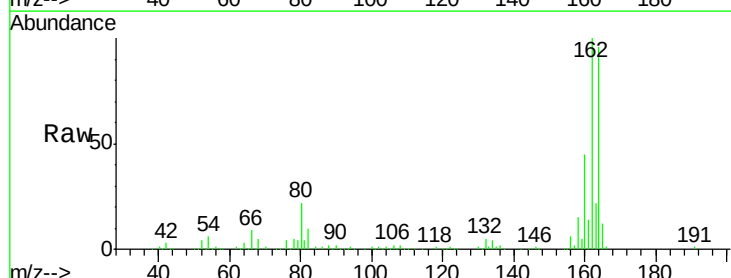
Instrument :
BNA_F
ClientSampleId :
FB-201605

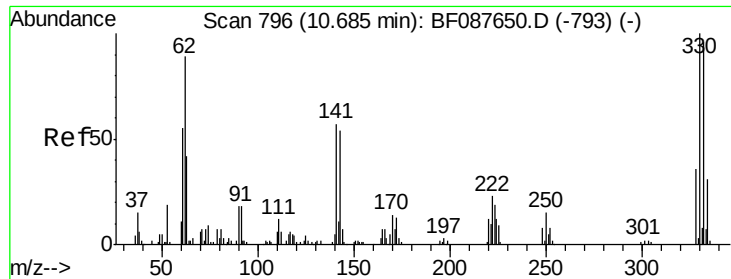
Tgt Ion	Ratio	Lower	Upper
127	100		
129	80.1	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	47.1	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 134.70 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

Instrument :

BNA_F

ClientSampleId :

FB-201605

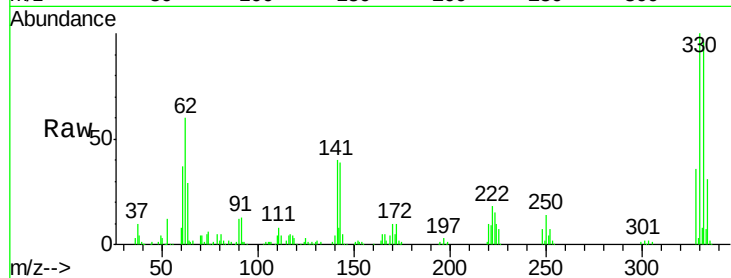
Tgt Ion:330 Resp: 324398

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

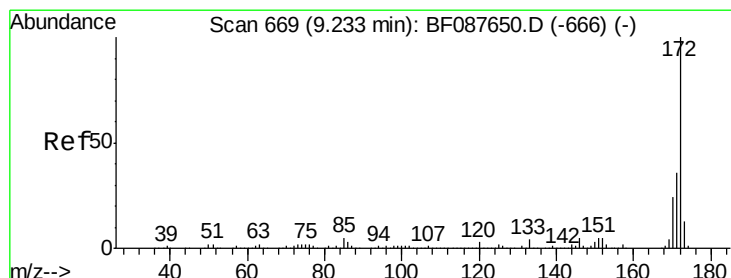
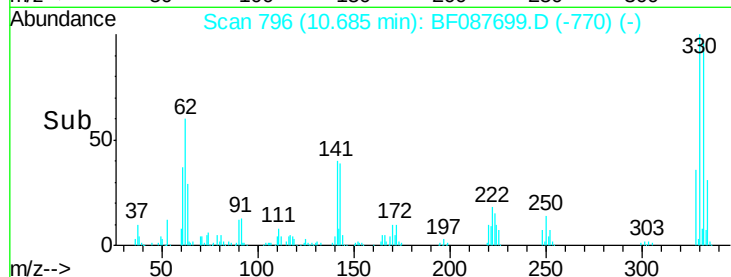
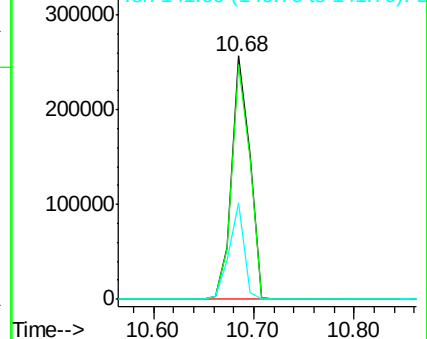
141 32.7 0.0 0.0#



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: 97.80 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF087699.D

Acq: 5 Jun 2016 10:11

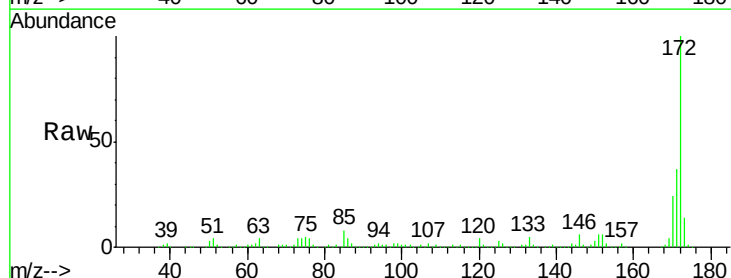
Tgt Ion:172 Resp: 1453651

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

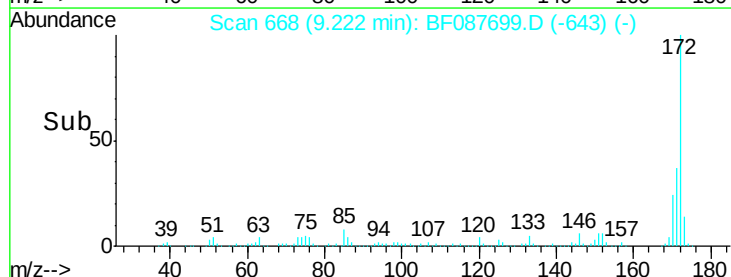
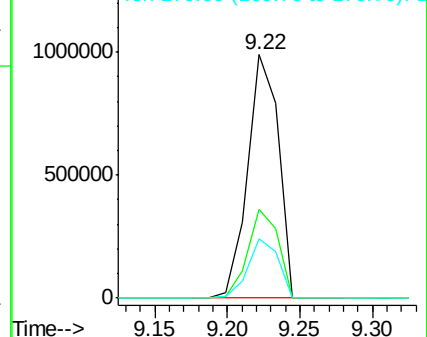
170 24.5 19.2 28.8

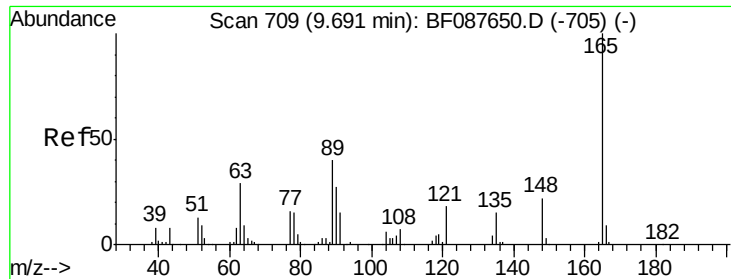


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

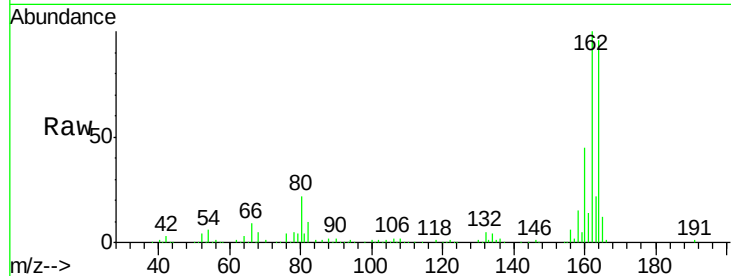




#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

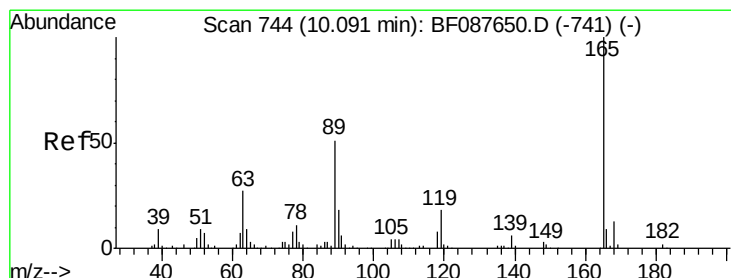
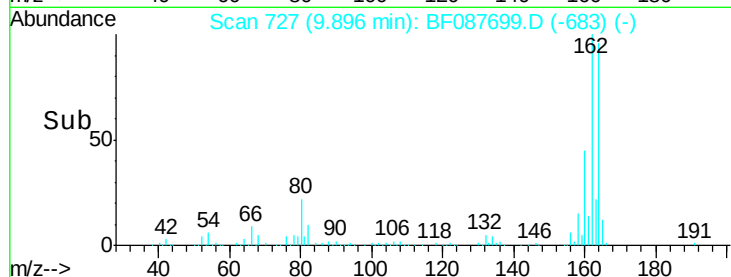
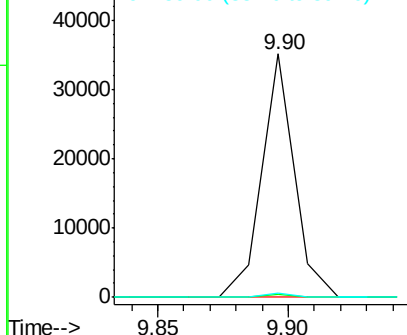
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.1	42.1#
89	1.5	32.2	48.2#



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: BF087699.D
Acq: 5 Jun 2016 10:11

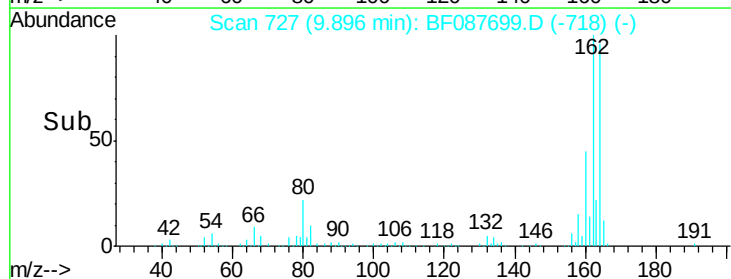
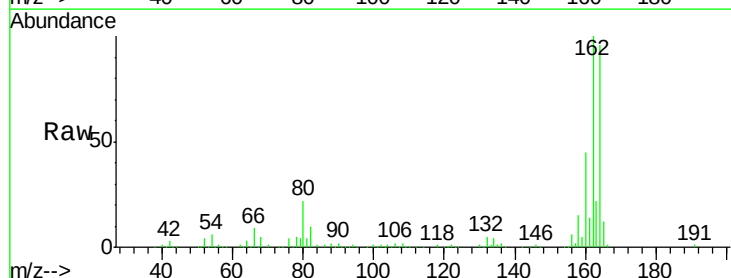
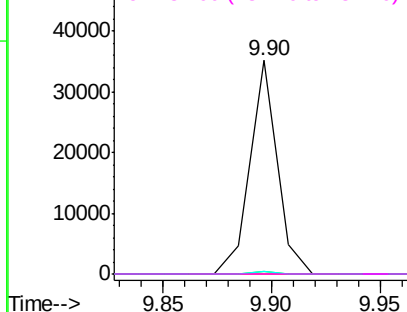
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

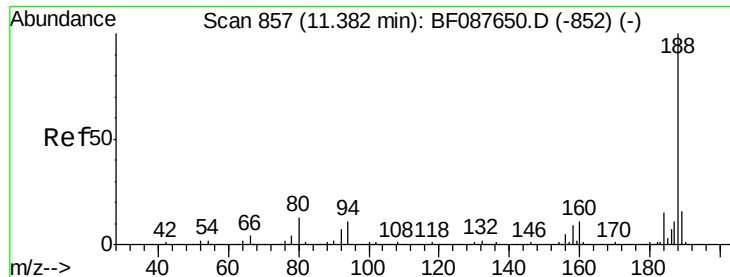
Abundance Ion 165.00 (164.70 to 165.70): E

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

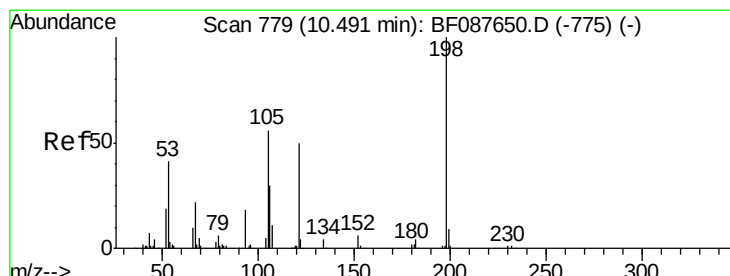
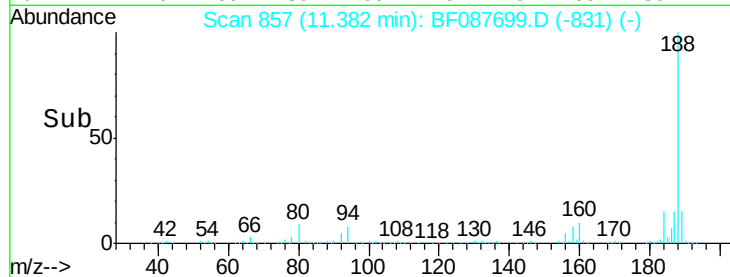
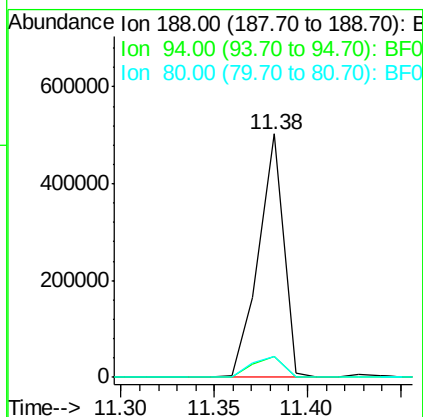
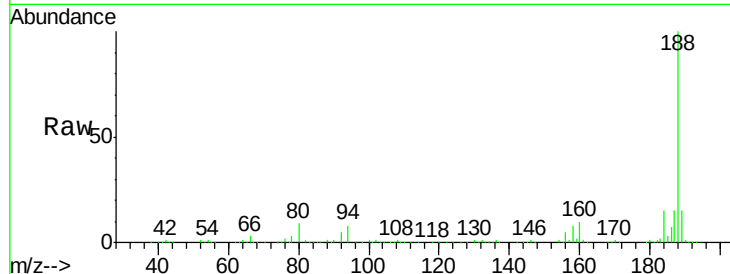




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

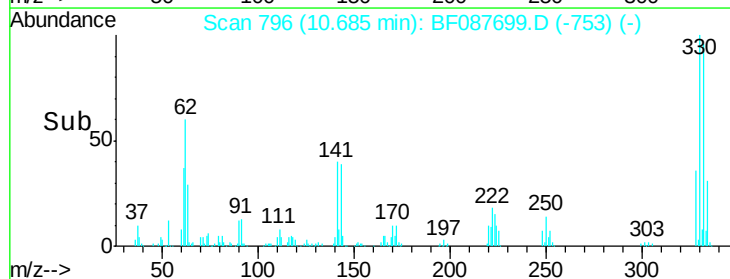
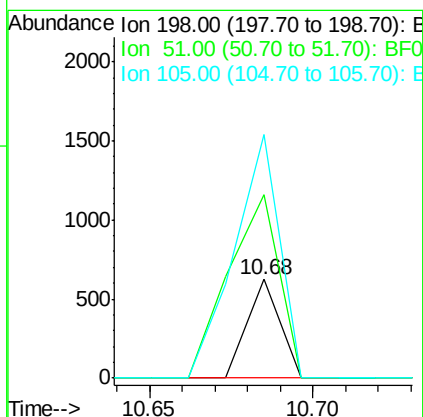
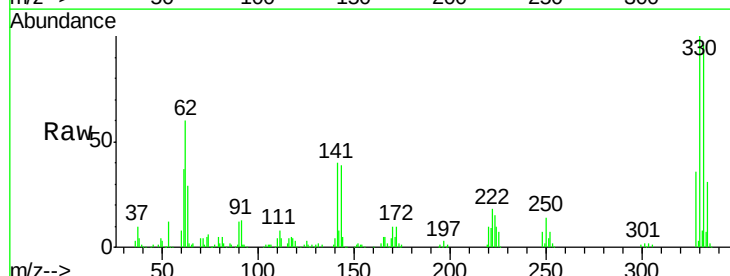
Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

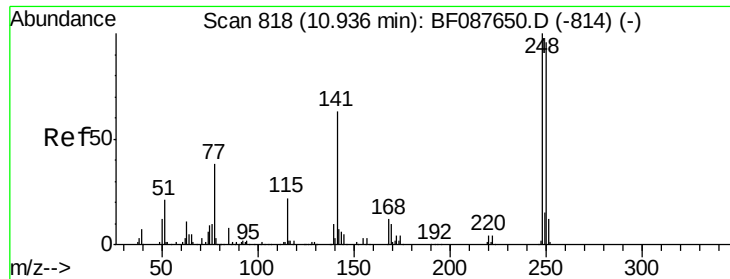
Tgt Ion:188 Resp: 468455
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.6#
 80 8.7 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.17 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Tgt Ion:198 Resp: 429
 Ion Ratio Lower Upper
 198 100
 51 185.1 39.6 79.6#
 105 246.2 36.6 76.6#

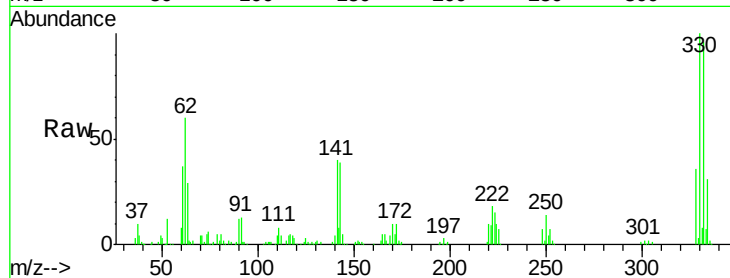




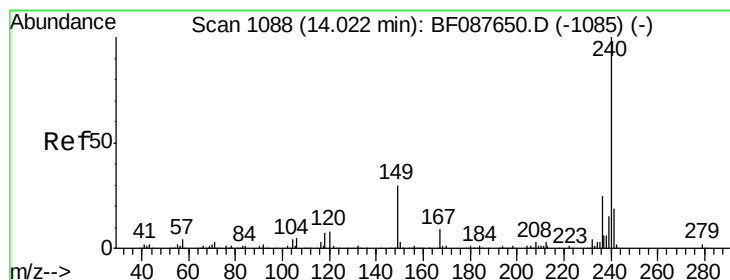
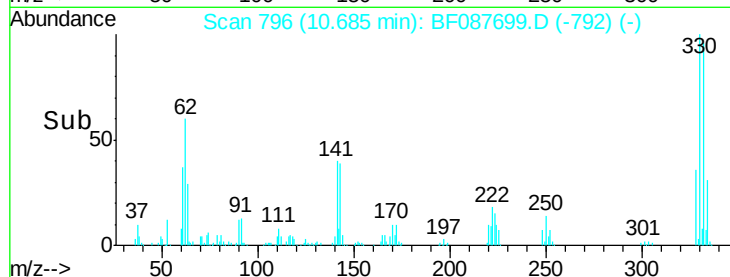
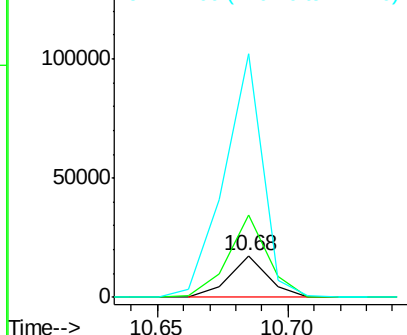
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Instrument :
BNA_F
ClientSampleId :
FB-201605

Tgt Ion:248 Resp: 18128
Ion Ratio Lower Upper
248 100
250 198.8 77.1 115.7#
141 585.6 50.6 76.0#

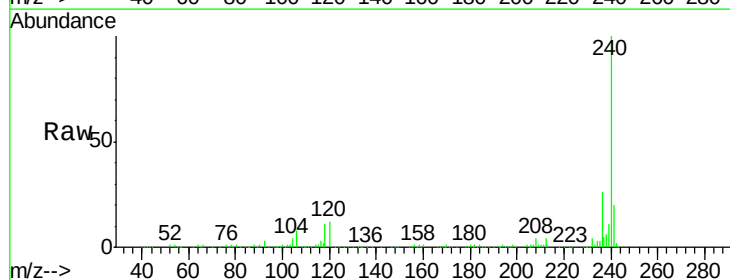


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

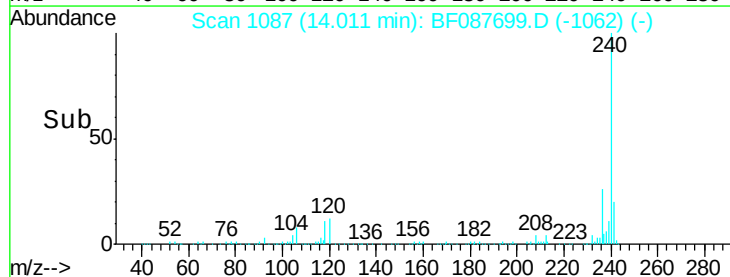
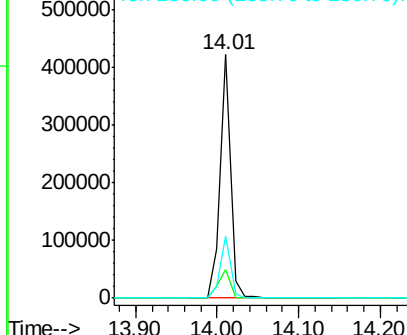


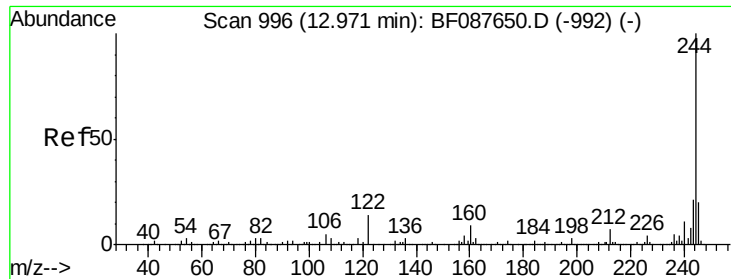
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087699.D
Acq: 5 Jun 2016 10:11

Tgt Ion:240 Resp: 374449
Ion Ratio Lower Upper
240 100
120 11.8 6.8 10.2#
236 25.5 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

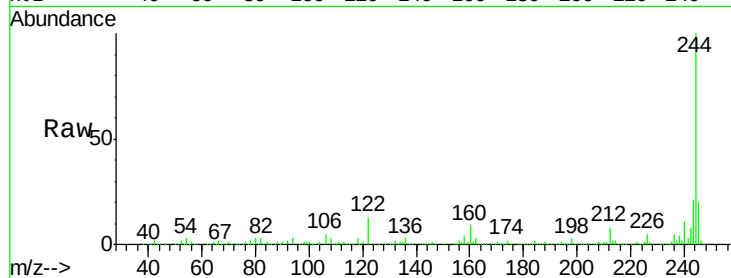




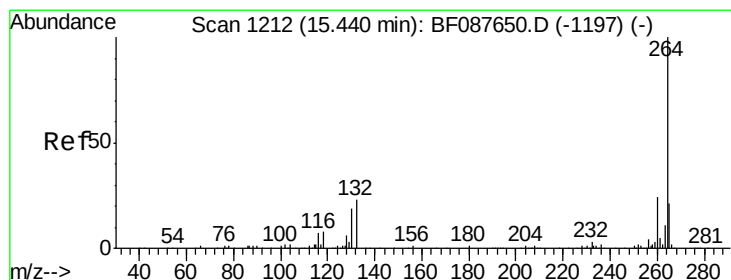
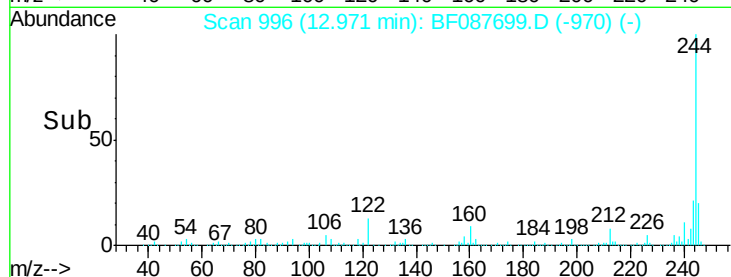
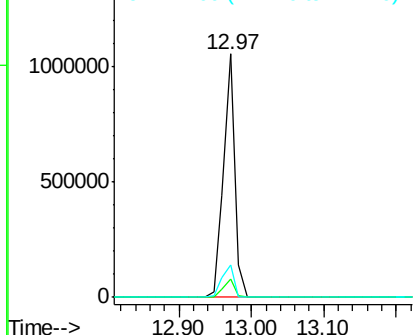
#78
 Terphenyl-d14
 Concen: 74.55 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Instrument :
 BNA_F
 ClientSampleId :
 FB-201605

Tgt Ion:244 Resp: 1144072
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.4 11.2 16.8

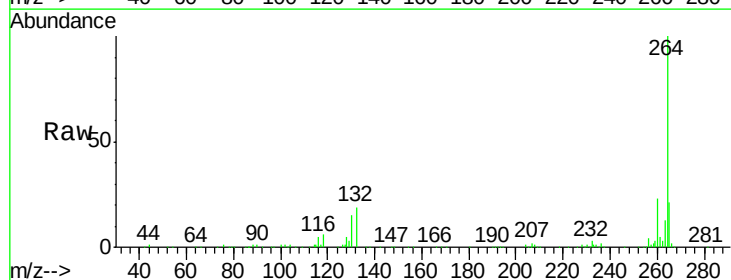


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087699.D
 Acq: 5 Jun 2016 10:11

Tgt Ion:264 Resp: 278900
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 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

