

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087905.D
 Acq On : 11 Jun 2016 16:38
 Operator : UM/SJ
 Sample : PB91125TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Quant Time: Jun 12 04:39:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

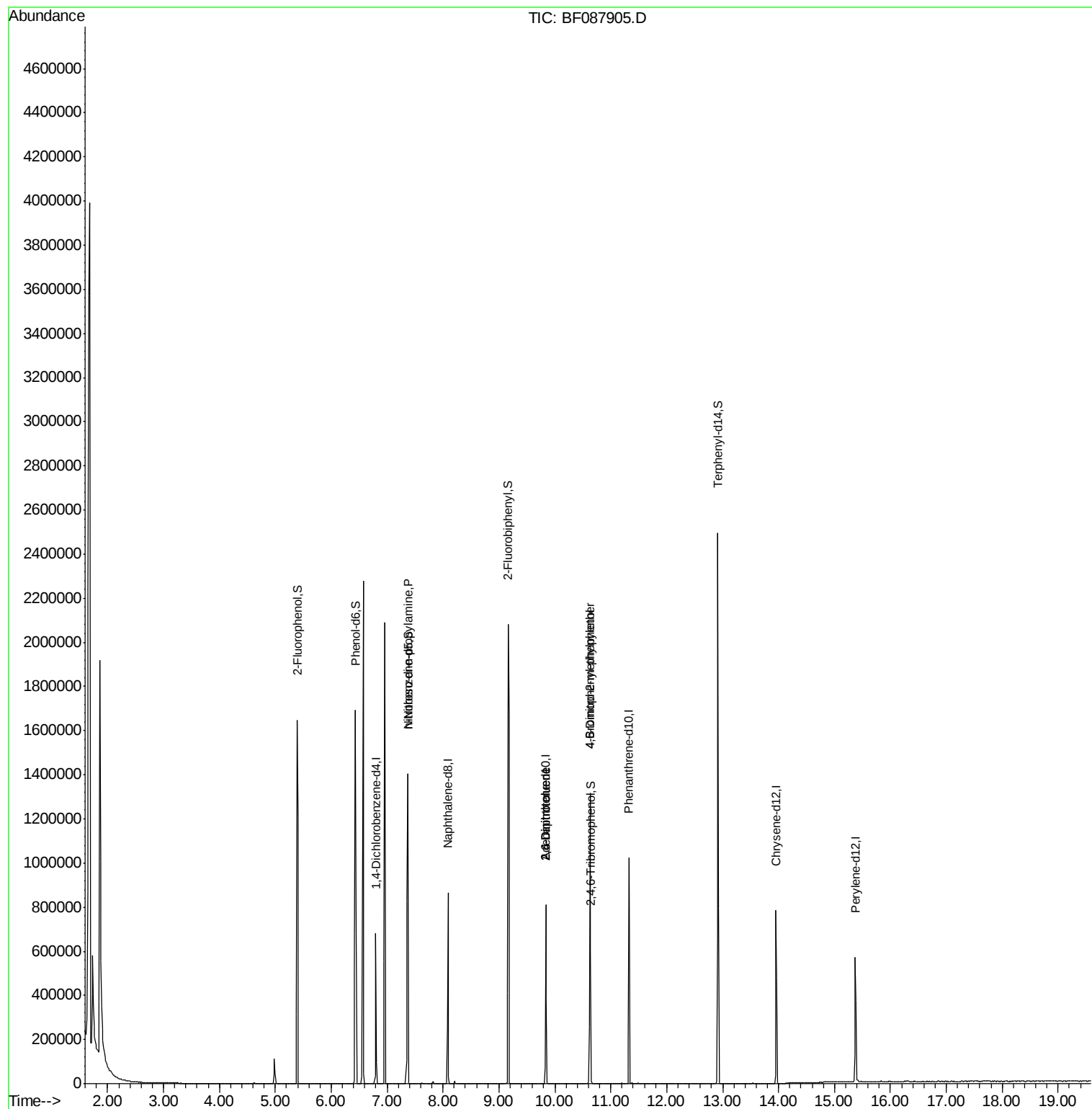
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96600	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	410530	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	189800	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	352462	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	332110	20.00	ng	-0.03
86) Perylene-d12	15.37	264	276214	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	697859	123.50	ng	-0.03
7) Phenol-d6	6.43	99	796970	116.38	ng	-0.05
23) Nitrobenzene-d5	7.37	82	565641	80.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	202762	101.17	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	1025976	84.91	ng	-0.05
78) Terphenyl-d14	12.91	244	907908	62.21	ng	-0.03
Target Compounds						
10) Phenol	6.57	94	1354	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	74303	16.96	ng	# 69
45) 1,1'-Biphenyl	9.16	154	1760	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.84	165	24144	7.67	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	24145	5.97	ng	# 38
57) Fluorene	10.63	166	9177	Below Cal	#	85
64) 4,6-Dinitro-2-methylphenol	10.63	198	271	2.28	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12275	3.25	ng	# 1

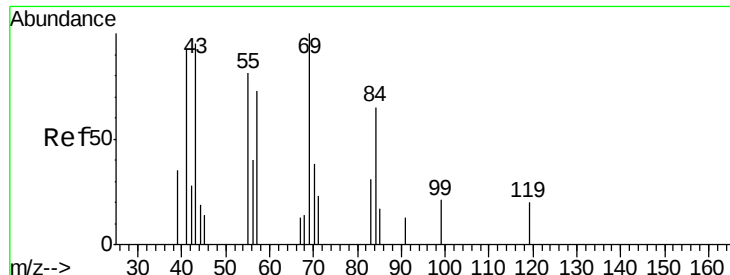
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
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ALS Vial : 7 Sample Multiplier: 1

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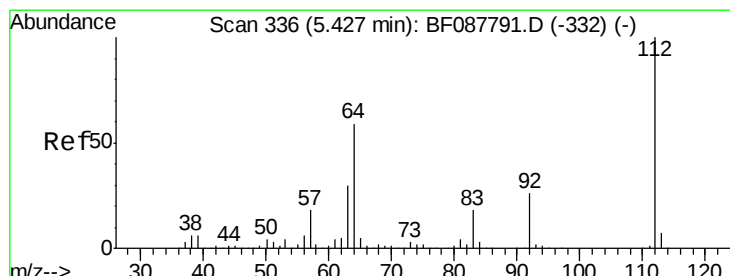
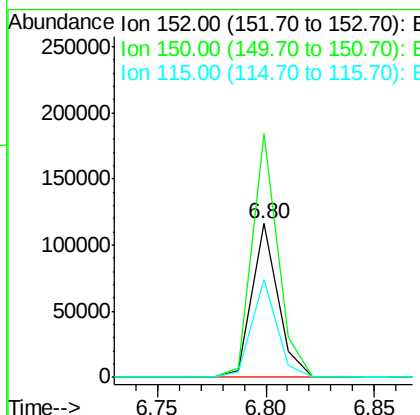
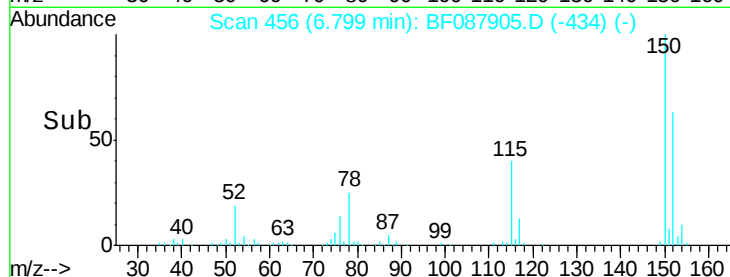
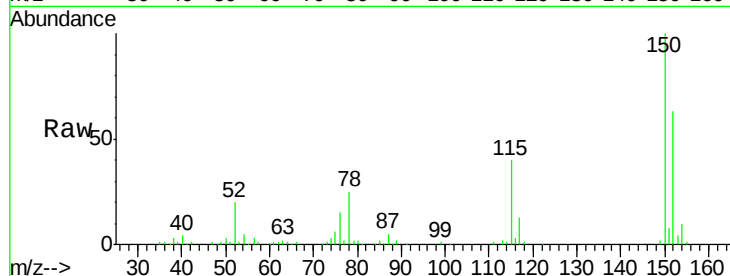




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

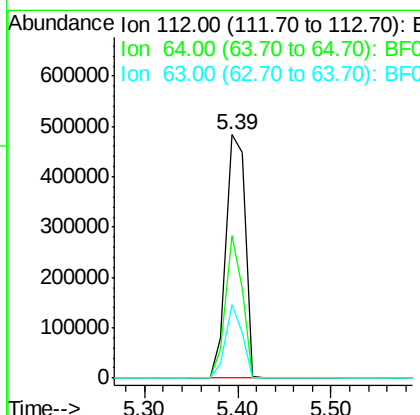
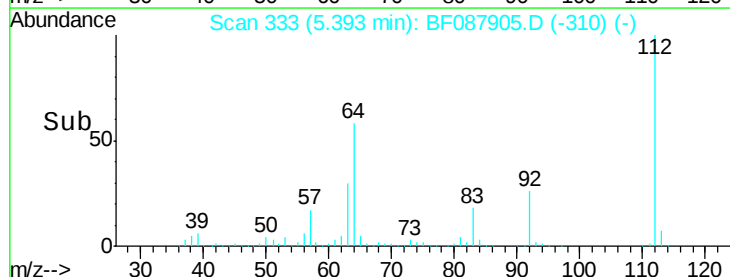
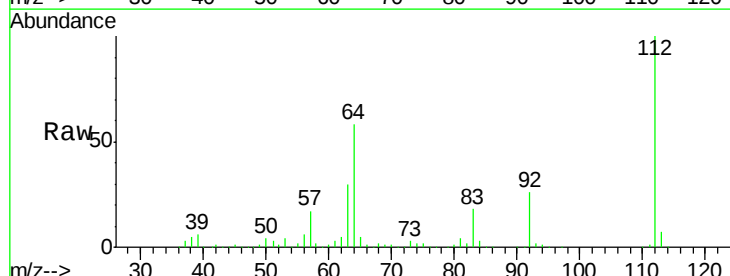
Instrument :
 BNA_F
 ClientSampleID :
 PB91125TB

Tot Ion:152 Resp: 96600
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.8 185.6
 115 63.6 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 123.50 ng
 RT: 5.39 min Scan# 333
 Delta R.T. -0.03 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Tgt Ion:112 Resp: 697859
 Ion Ratio Lower Upper
 112 100
 64 58.5 42.2 63.2
 63 29.9 21.8 32.8





#7

Phenol-d6

Concen: 116.38 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB91125TB

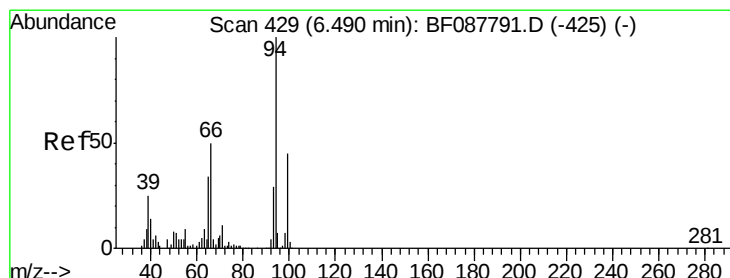
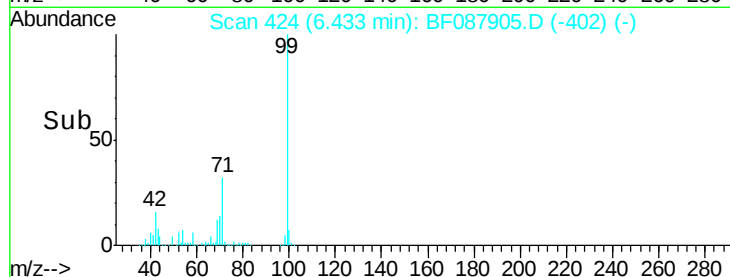
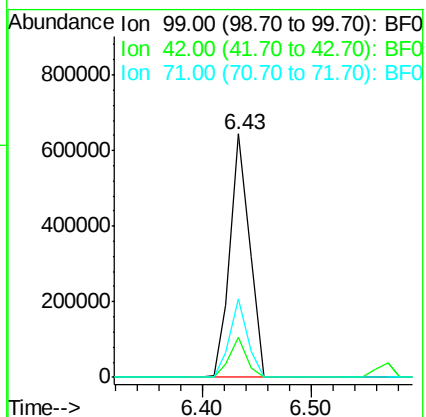
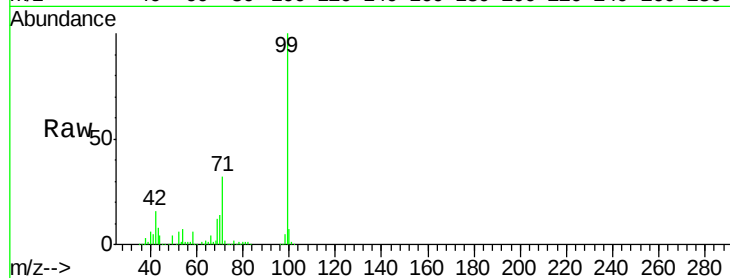
Tot Ion: 99 Resp: 796970

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 32.5 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.57 min Scan# 436

Delta R.T. 0.08 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

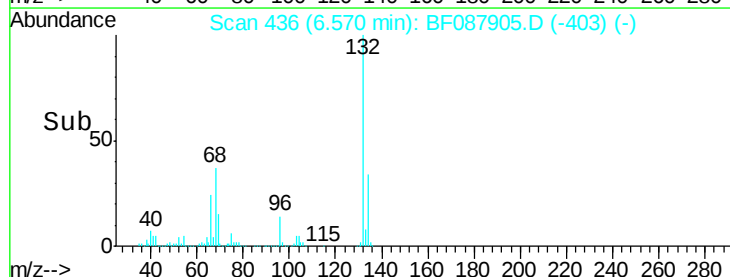
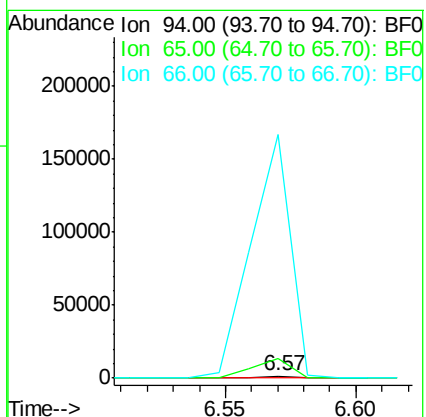
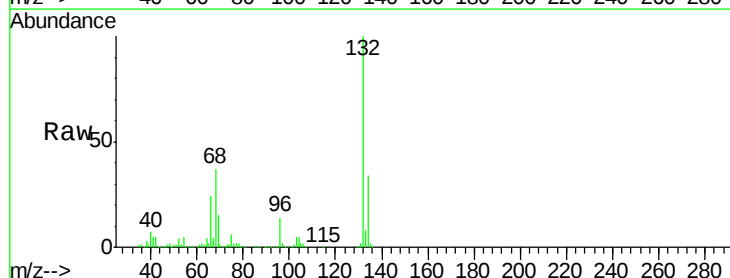
Tgt Ion: 94 Resp: 1354

Ion Ratio Lower Upper

94 100

65 996.4 5.9 45.9#

66 12143.2 14.0 54.0#





#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.10 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB91125TB

Tot Ion: 70 Resp: 74303

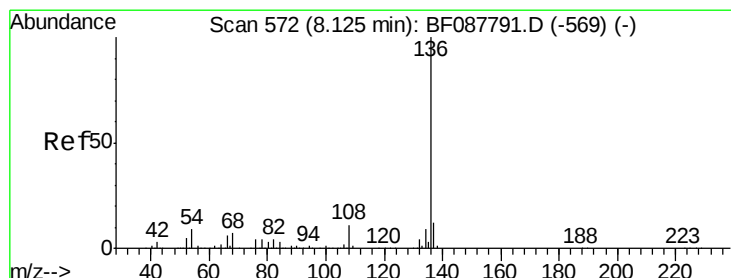
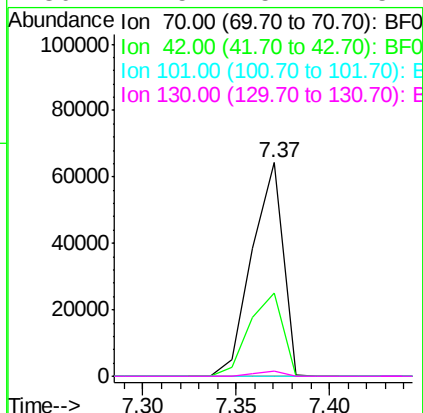
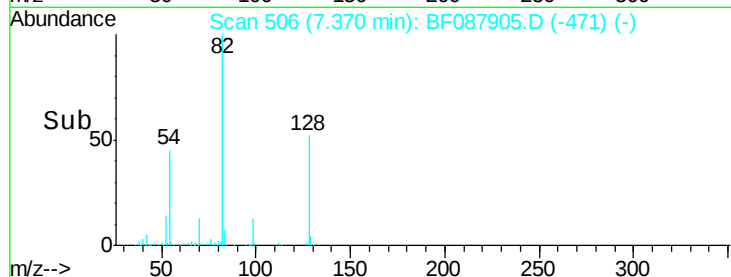
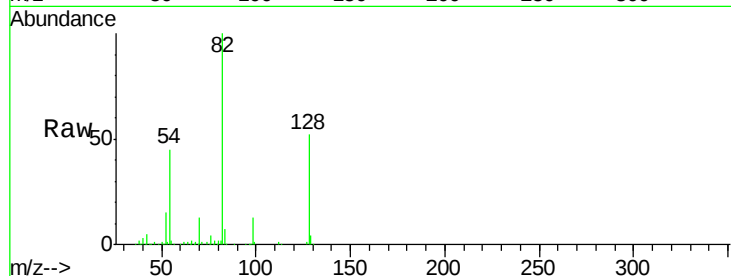
Ion Ratio Lower Upper

70 100

42 38.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Tgt Ion: 136 Resp: 410530

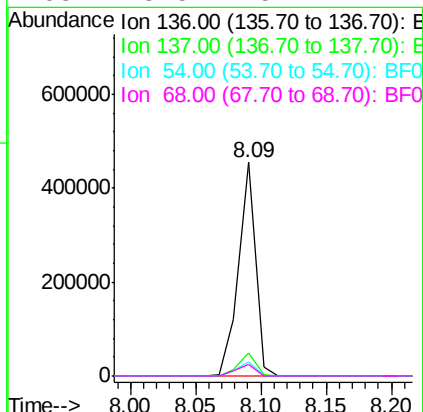
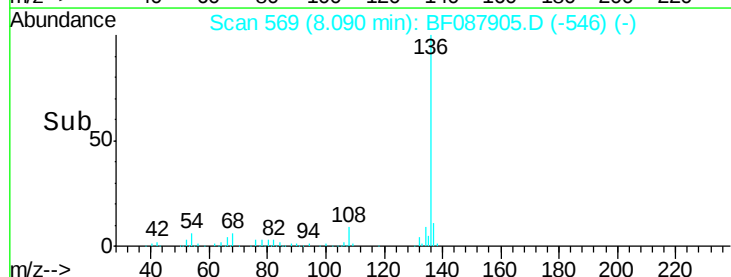
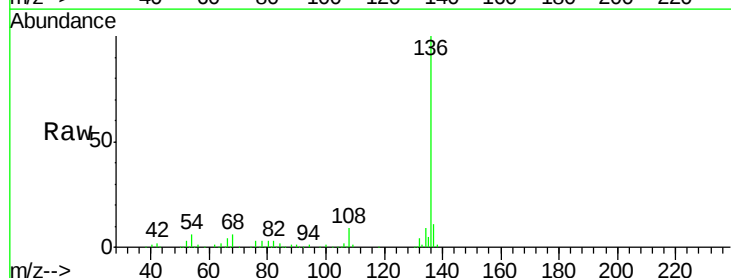
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 6.6 10.0#

68 5.5 5.1 7.7

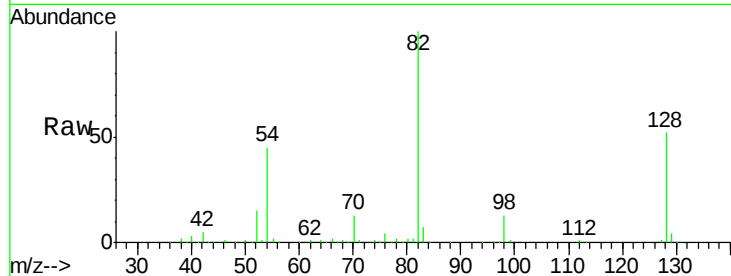




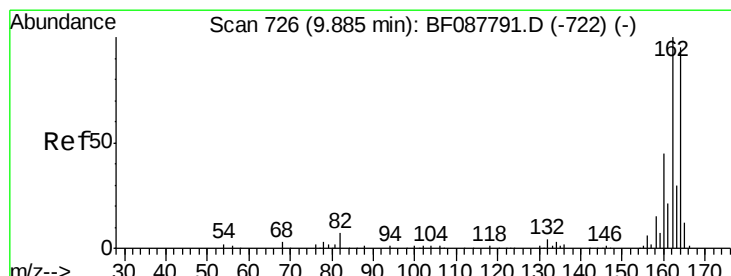
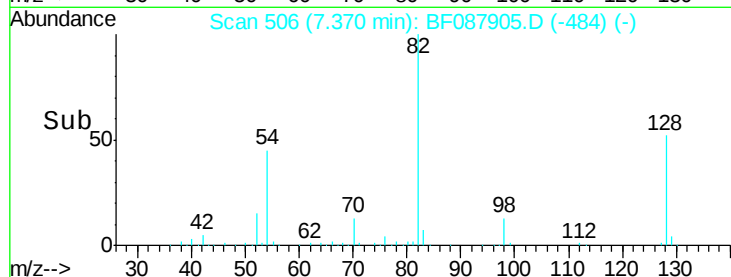
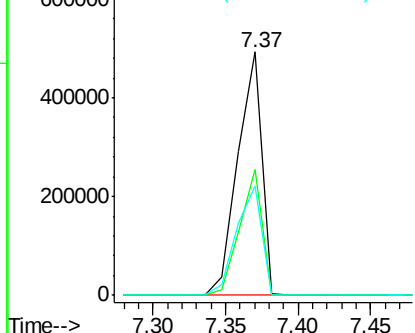
#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Tot Ion: 82 Resp: 565641
 Ion Ratio Lower Upper
 82 100
 128 51.9 35.9 53.9
 54 44.7 40.9 61.3

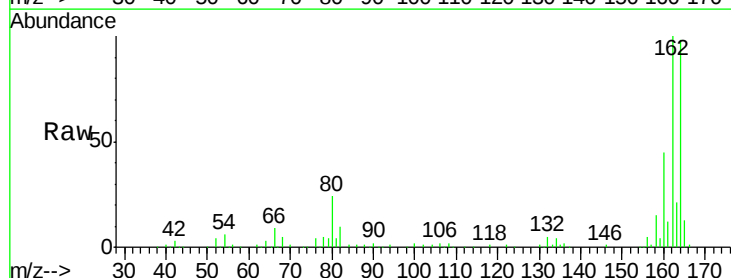


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

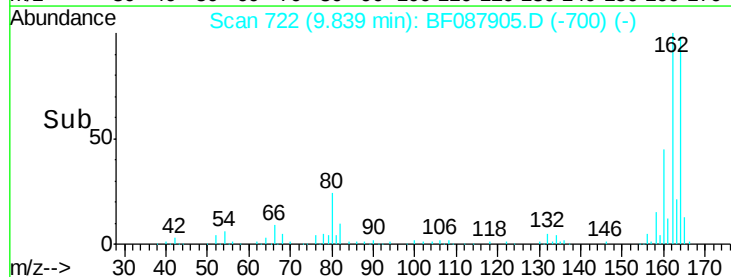
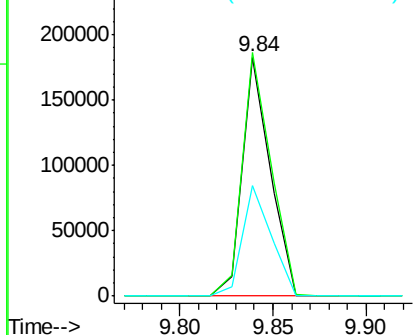


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.05 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Tgt Ion:164 Resp: 189800
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.4 128.2
 160 46.2 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

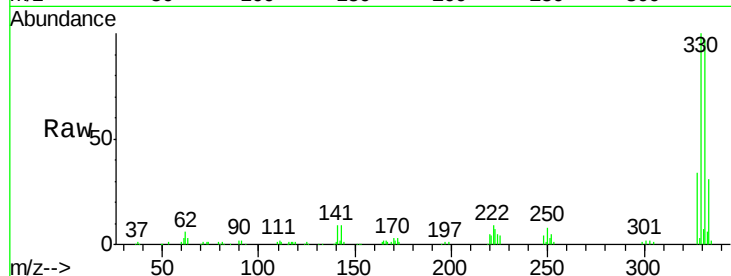




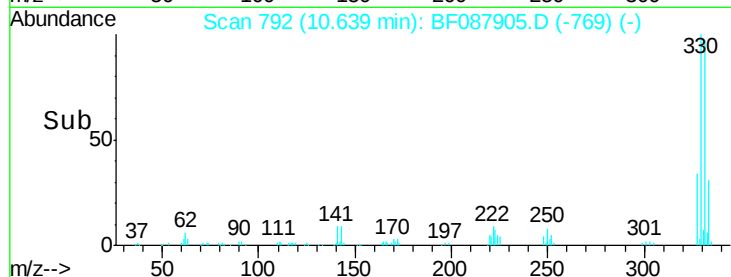
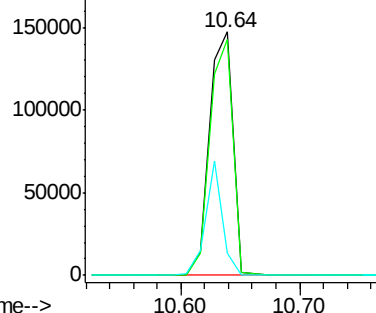
#41
 2,4,6-Tribromophenol
 Concen: 101.17 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	33.3	0.0	0.0#

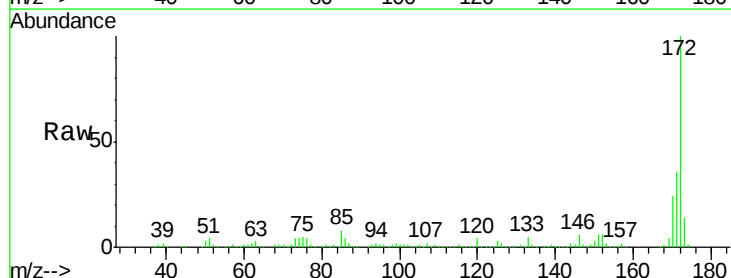


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

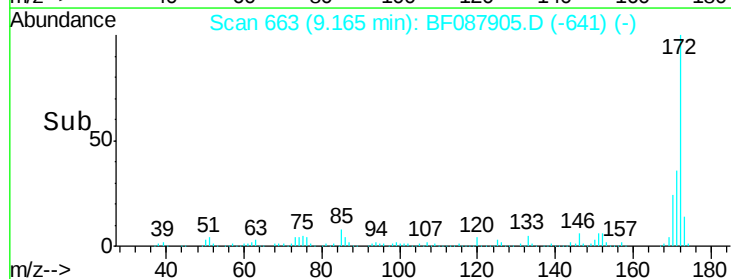
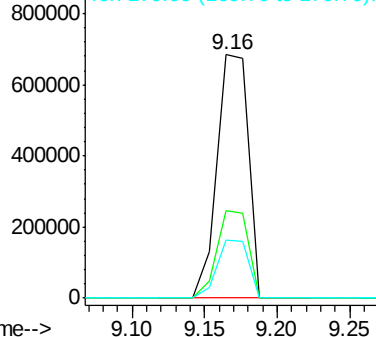


#44
 2-Fluorobiphenyl
 Concen: 84.91 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.05 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.16 min Scan# 663

Delta R.T. -0.14 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB91125TB

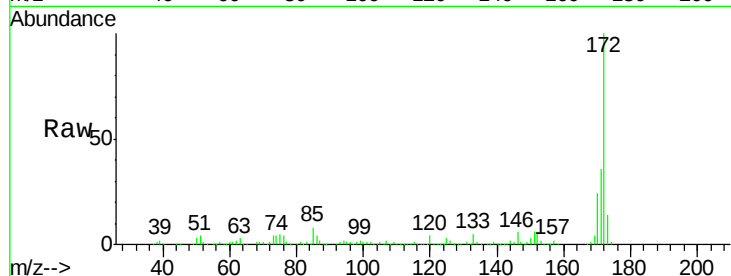
Tot Ion:154 Resp: 1760

Ion Ratio Lower Upper

154 100

153 885.3 20.6 60.6#

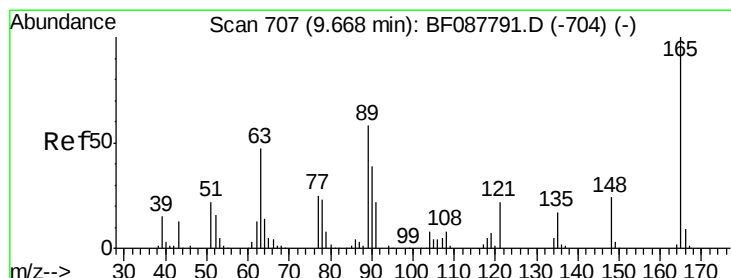
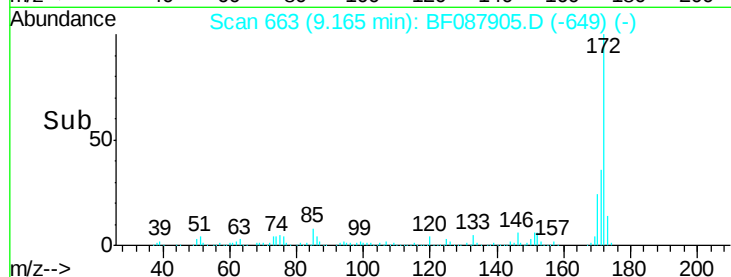
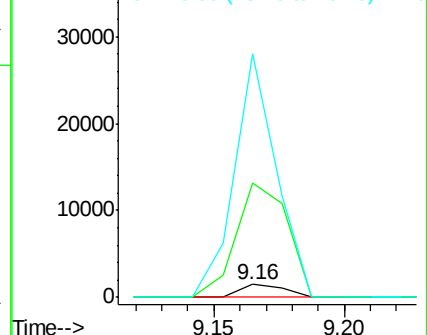
76 1875.8 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#50

2,6-Dinitrotoluene

Concen: 7.67 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.17 min

Lab File: BF087905.D

Acq: 11 Jun 2016 16:38

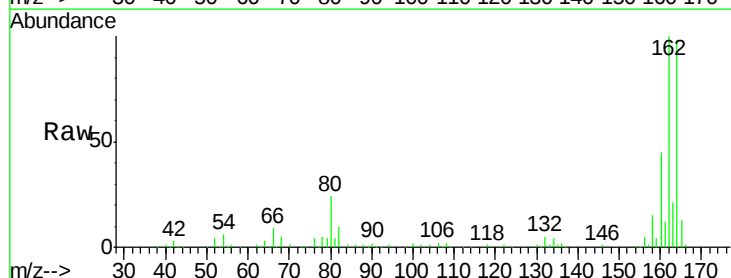
Tgt Ion:165 Resp: 24144

Ion Ratio Lower Upper

165 100

63 1.6 28.1 42.1#

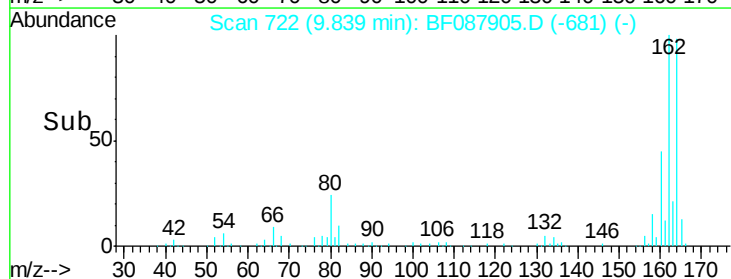
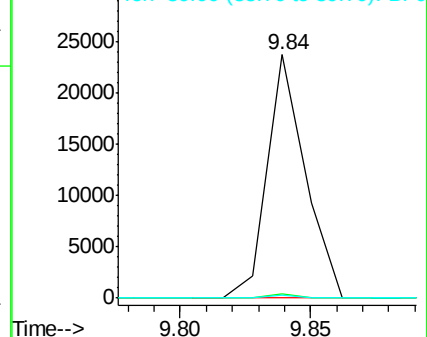
89 1.3 32.2 48.2#

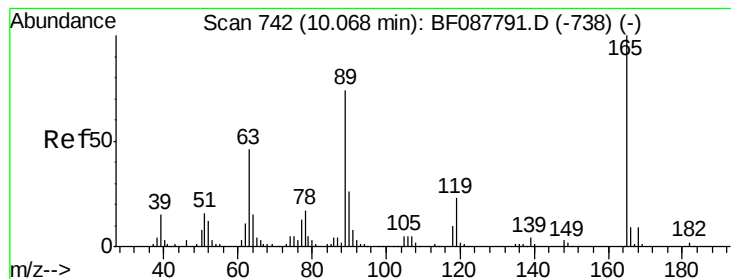


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

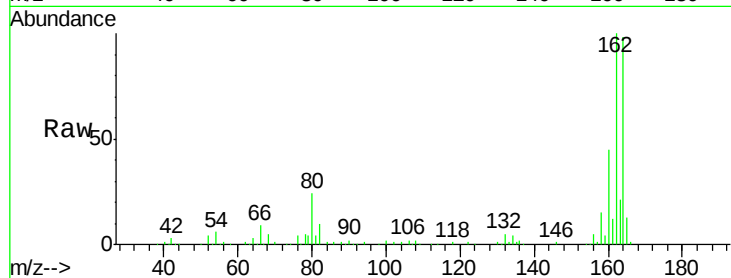




#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB91125TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#

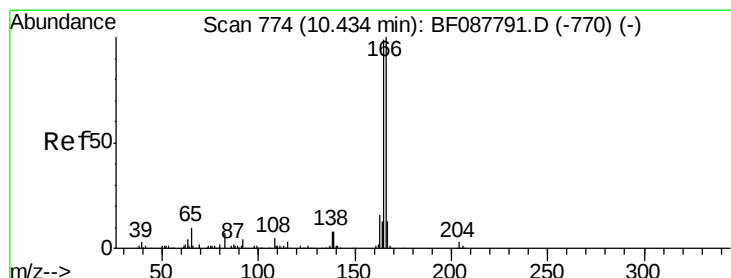
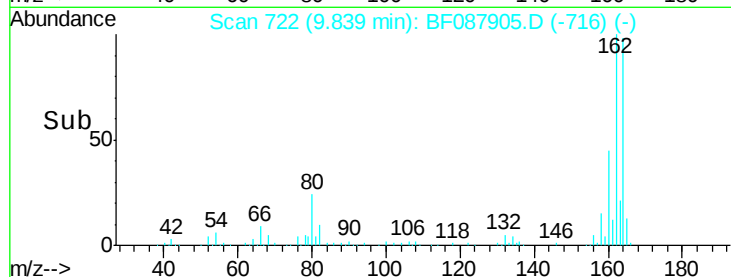
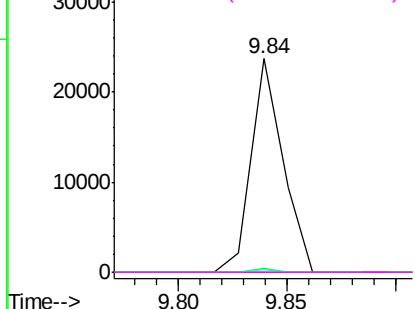


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

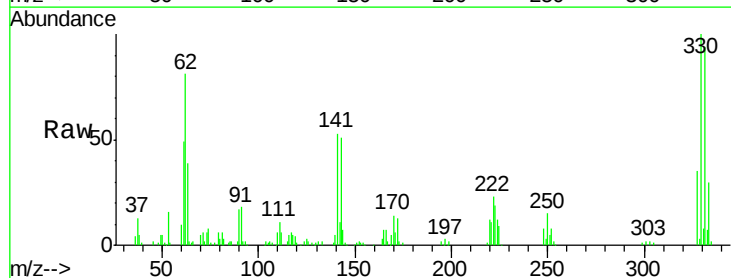
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

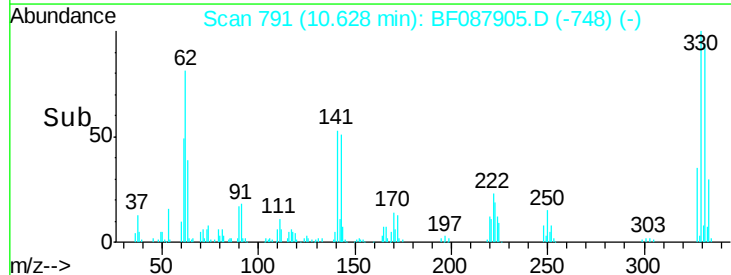
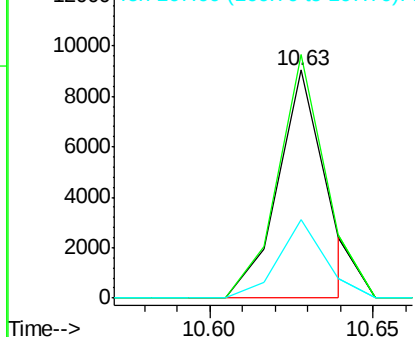
Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.7	77.8	116.8
167	34.4	11.2	16.8#

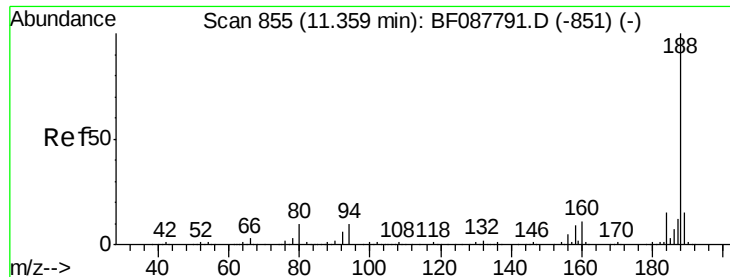


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

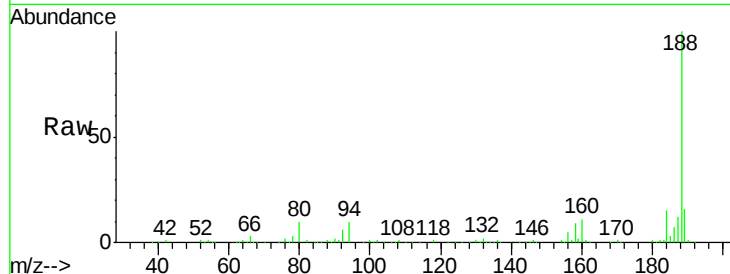




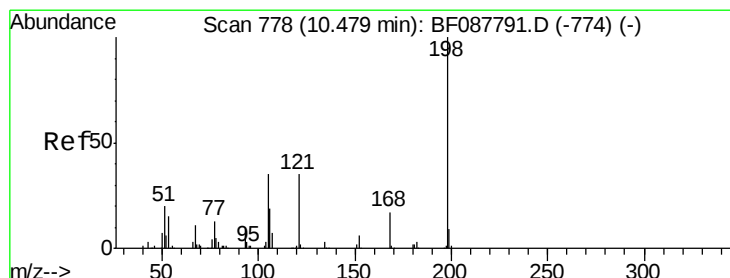
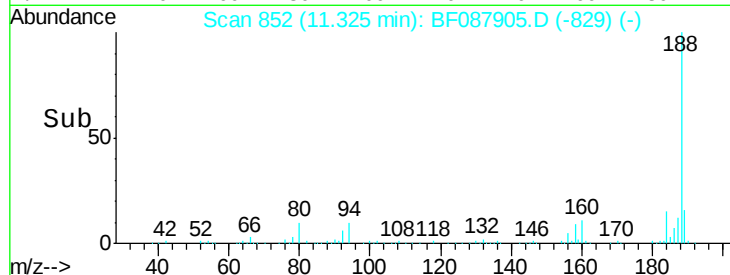
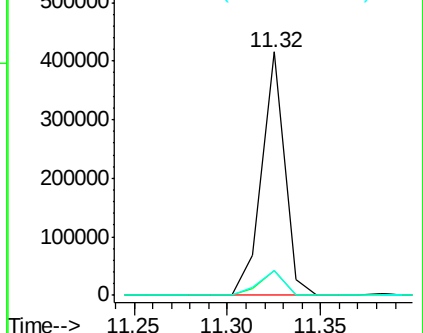
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB91125TB

Tot Ion:188 Resp: 352462
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.3 10.0 15.0

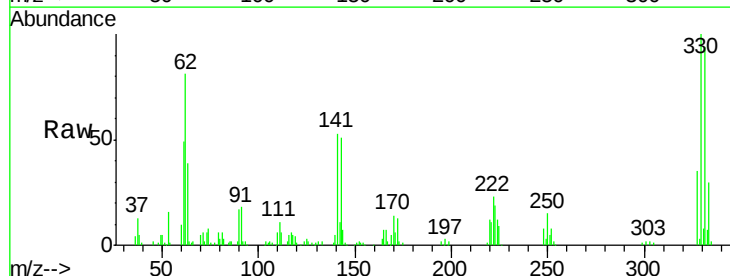


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

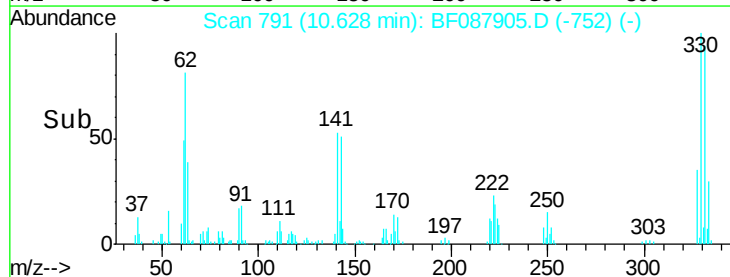
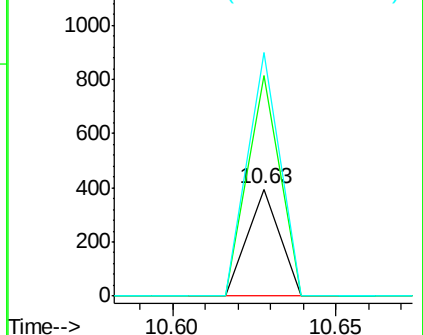


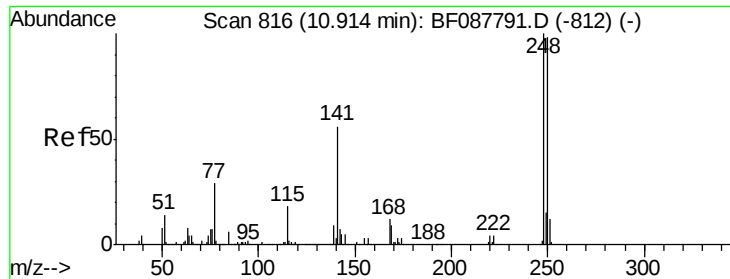
#64
4,6-Dinitro-2-methylphenol
Concen: 2.28 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Tgt Ion:198 Resp: 271
Ion Ratio Lower Upper
198 100
51 206.1 39.6 79.6#
105 227.6 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

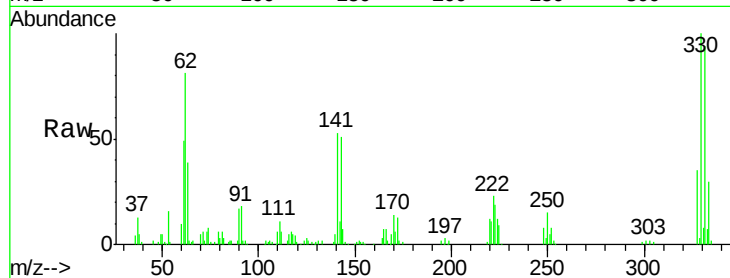




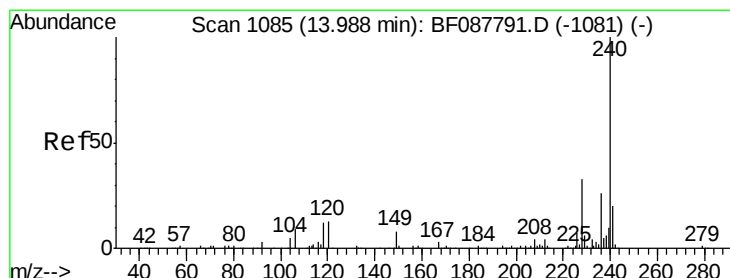
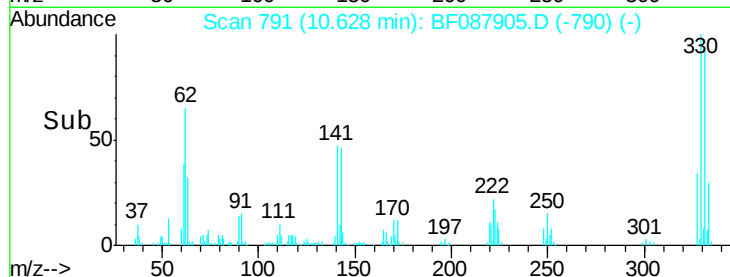
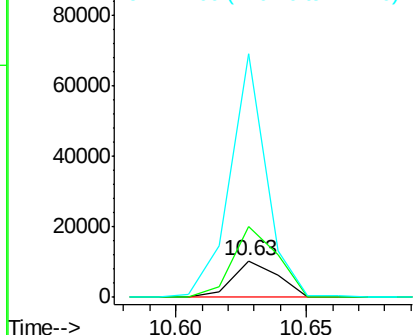
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB91125TB

Tot Ion:248 Resp: 12275
Ion Ratio Lower Upper
248 100
250 194.0 77.1 115.7#
141 666.6 50.6 76.0#

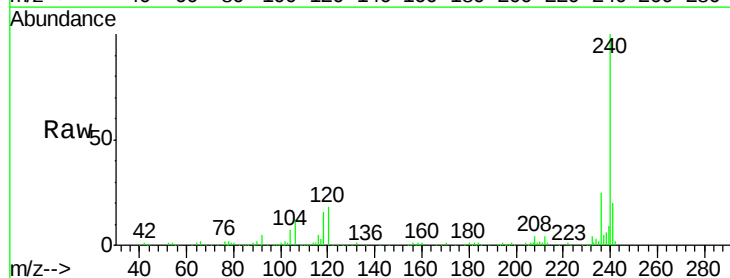


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

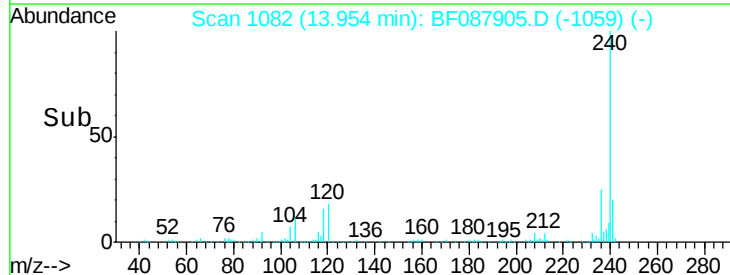
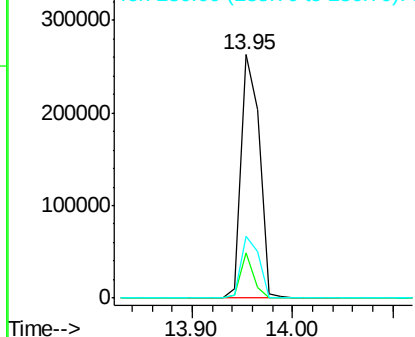


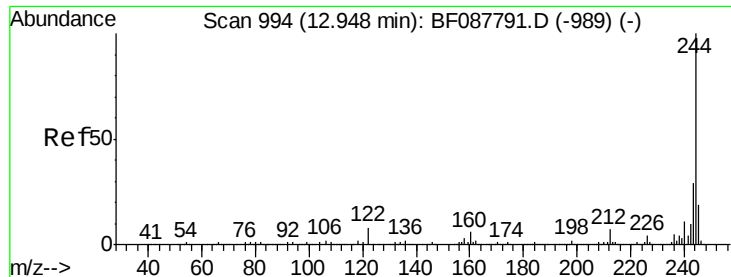
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087905.D
Acq: 11 Jun 2016 16:38

Tgt Ion:240 Resp: 332110
Ion Ratio Lower Upper
240 100
120 18.3 6.8 10.2#
236 25.4 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

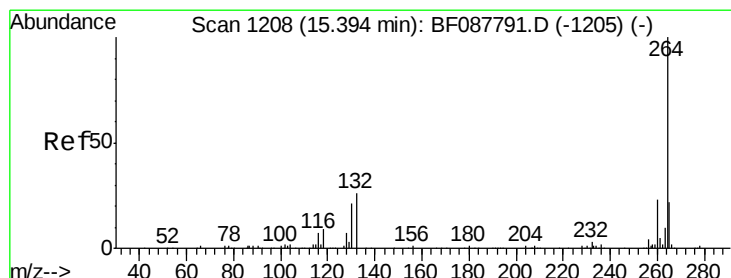
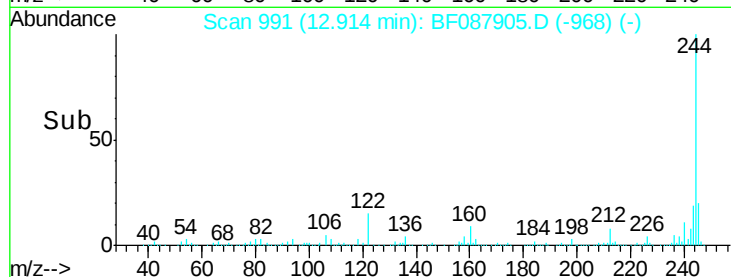
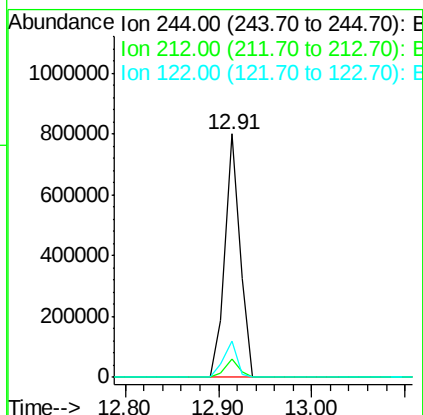
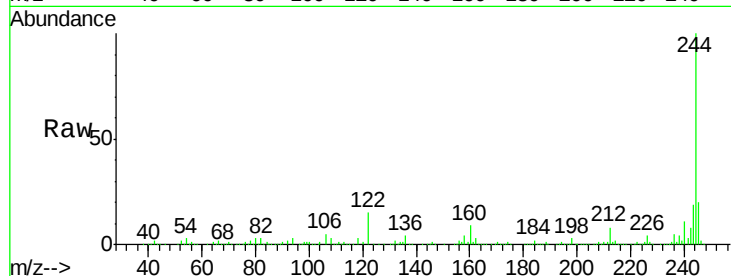




#78
 Terphenyl-d14
 Concen: 62.21 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91125TB

Tot Ion:244 Resp: 907908
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.7 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087905.D
 Acq: 11 Jun 2016 16:38

Tgt Ion:264 Resp: 276214
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 16.9 25.3

