

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
 Data File : BF087970.D
 Acq On : 13 Jun 2016 1:52
 Operator : UM/SJ
 Sample : H3473-13
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Quant Time: Jun 13 05:04:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 02:17:28 2016
 Response via : Initial Calibration

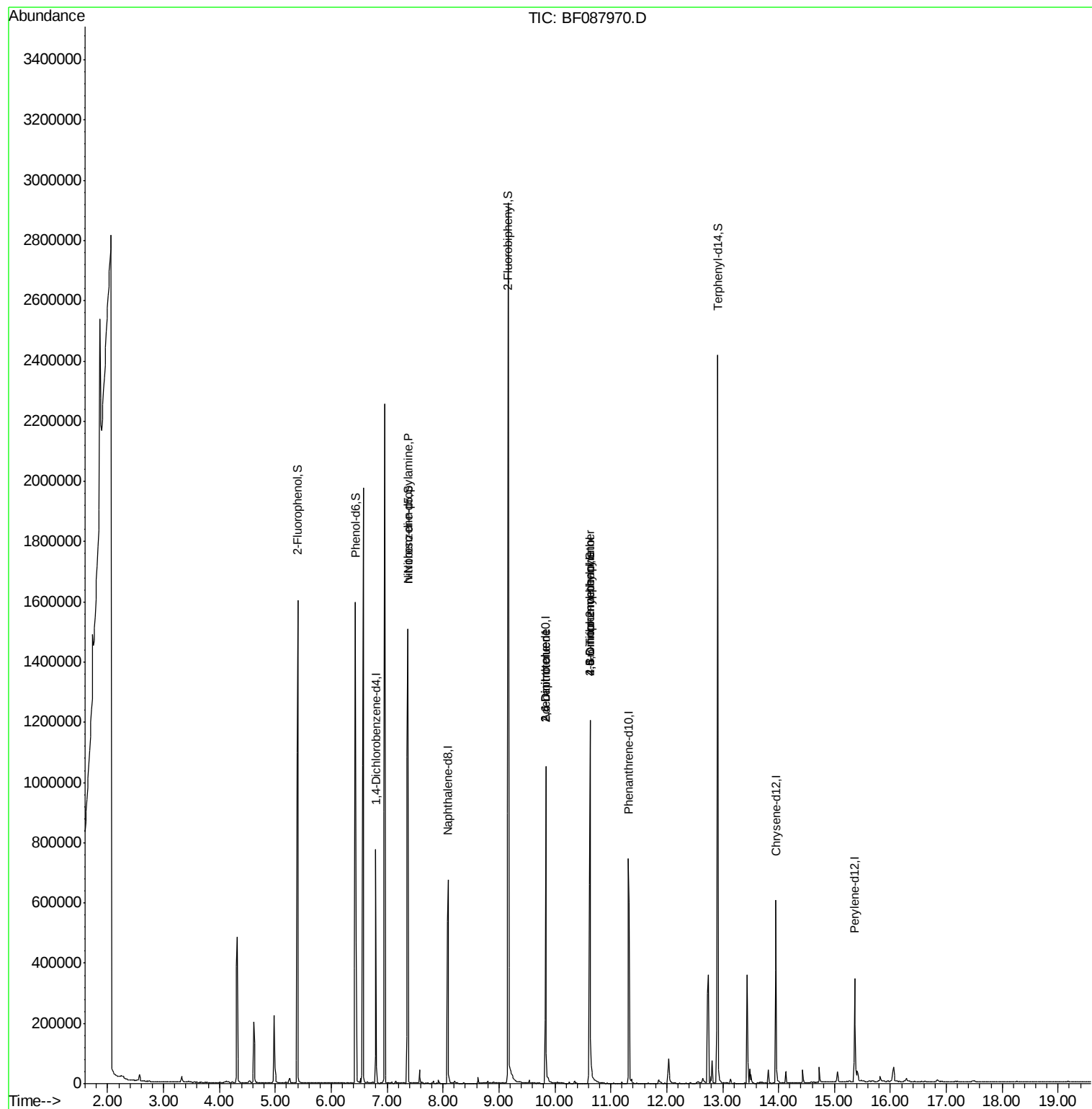
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110077	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	447510	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	221452	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	408261	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	273393	20.00	ng	-0.01
86) Perylene-d12	15.36	264	166064	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	604720	93.92	ng	0.01
7) Phenol-d6	6.43	99	581266	74.49	ng	-0.01
23) Nitrobenzene-d5	7.37	82	666408	86.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	195918	83.79	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1084425	76.36	ng	-0.01
78) Terphenyl-d14	12.91	244	1025195	85.33	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	1254	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	86943	17.42	ng	# 69
45) 1,1'-Biphenyl	9.27	154	717	Below Cal		77
50) 2,6-Dinitrotoluene	9.84	165	27057	7.36	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	27054	5.73	ng	# 38
57) Fluorene	10.39	166	1373	Below Cal	#	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	256	2.26	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12307	2.81	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087970.D
Acq On : 13 Jun 2016 1:52
Operator : UM/SJ
Sample : H3473-13
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-1120-(0-4)

Quant Time: Jun 13 05:04:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

Instrument :

BNA_F

ClientSampleId :

STA-1120-(0-4)

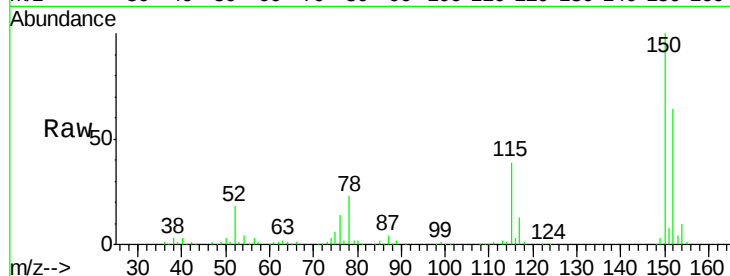
Tgt Ion:152 Resp: 110077

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

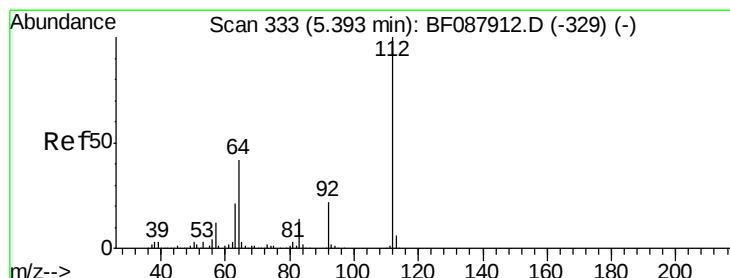
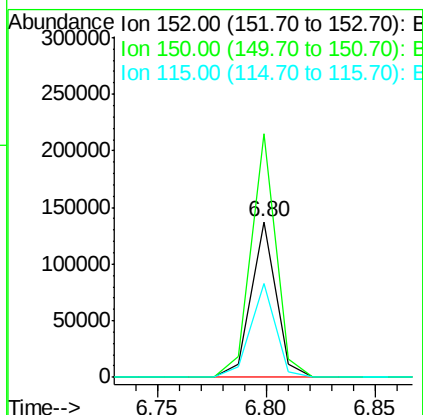
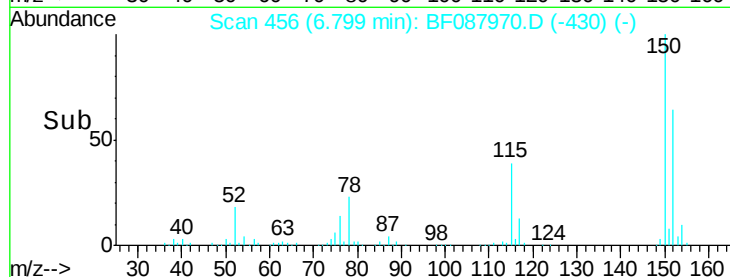
115 60.3 39.6 59.4#



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: 93.92 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

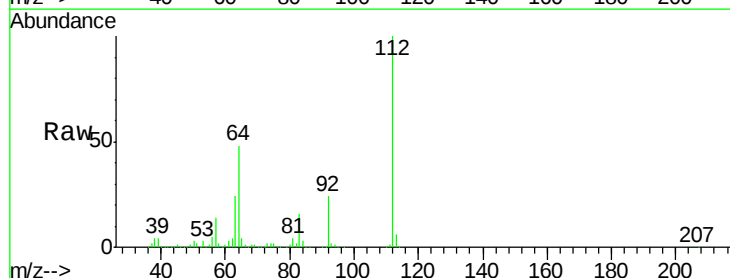
Tgt Ion:112 Resp: 604720

Ion Ratio Lower Upper

112 100

64 47.9 42.2 63.2

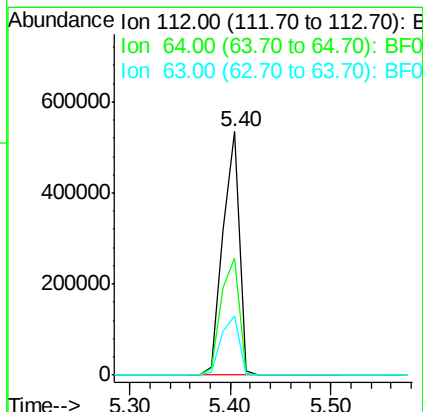
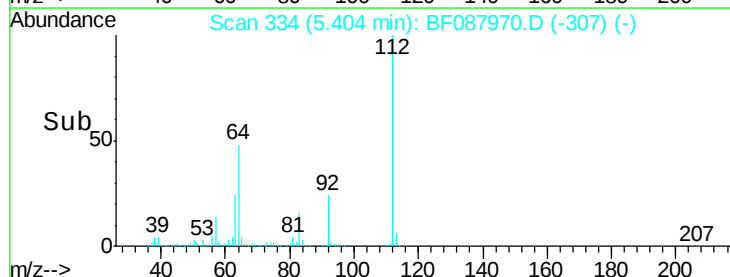
63 24.3 21.8 32.8

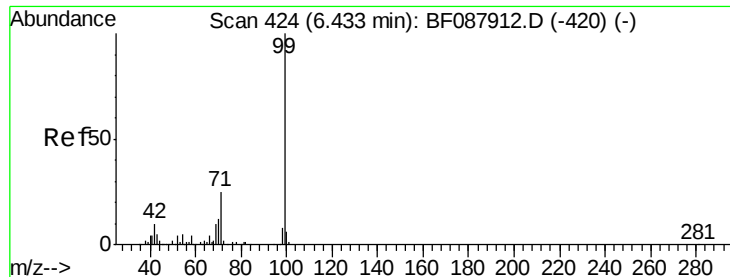


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.49 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

Instrument :

BNA_F

ClientSampleId :

STA-1120-(0-4)

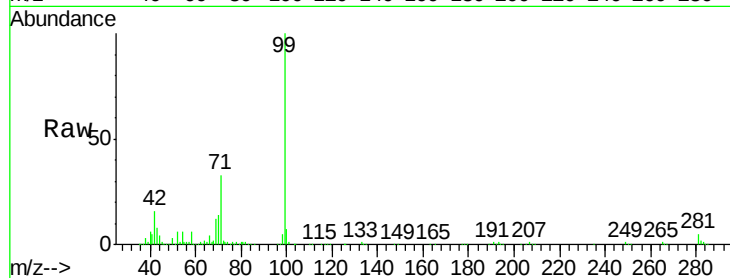
Tgt Ion: 99 Resp: 581266

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

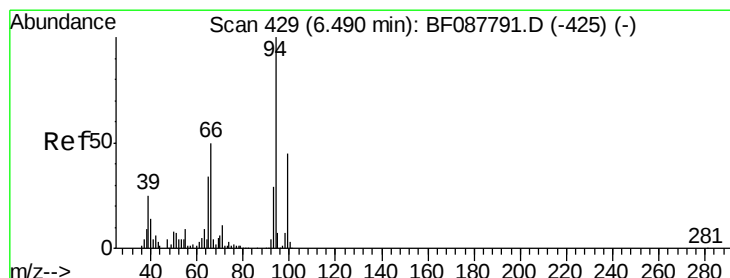
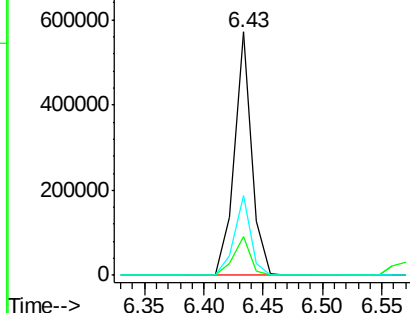
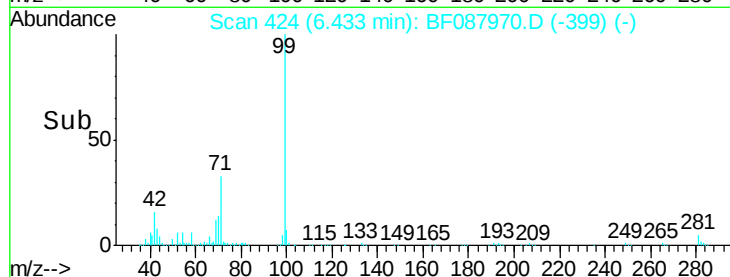
71 32.6 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.57 min Scan# 436

Delta R.T. 0.11 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

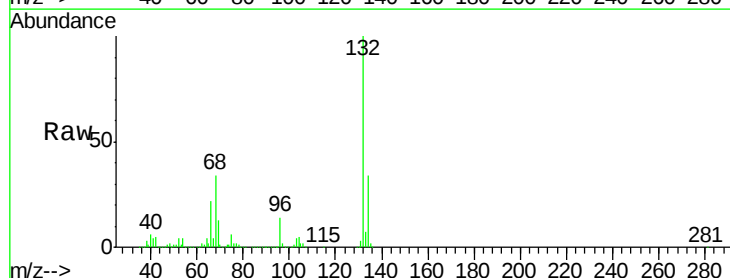
Tgt Ion: 94 Resp: 1254

Ion Ratio Lower Upper

94 100

65 966.7 5.9 45.9#

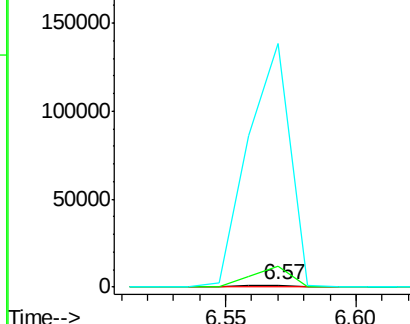
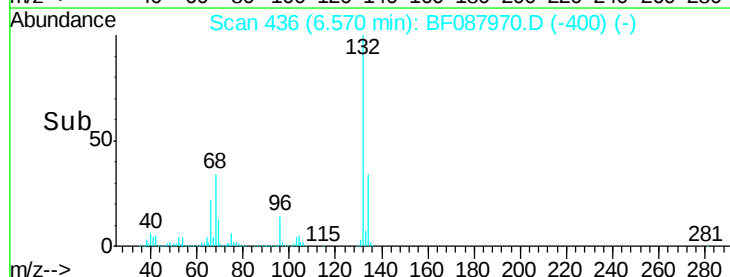
66 11563.9 14.0 54.0#

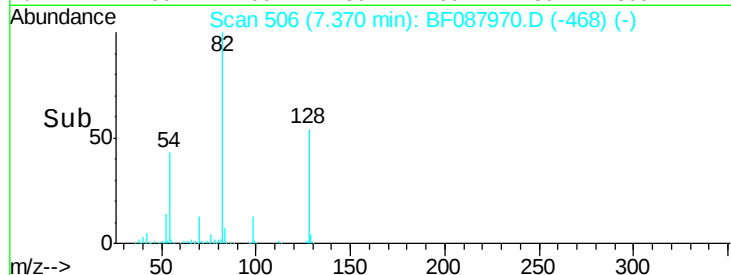
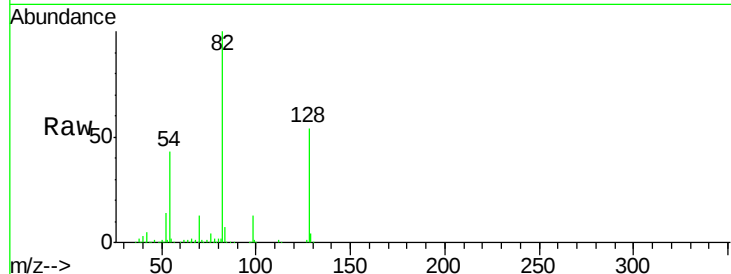


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

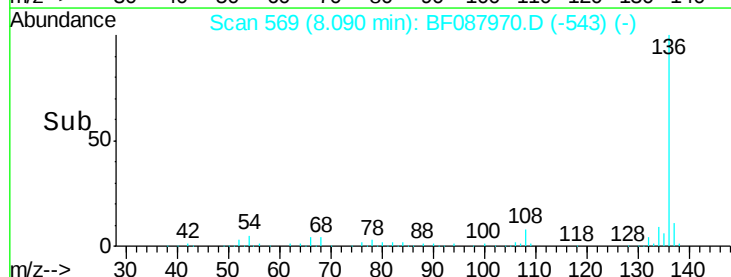
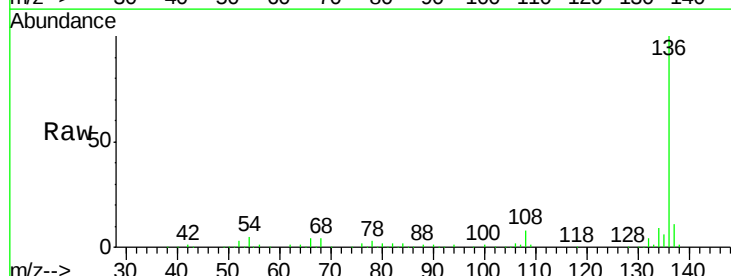
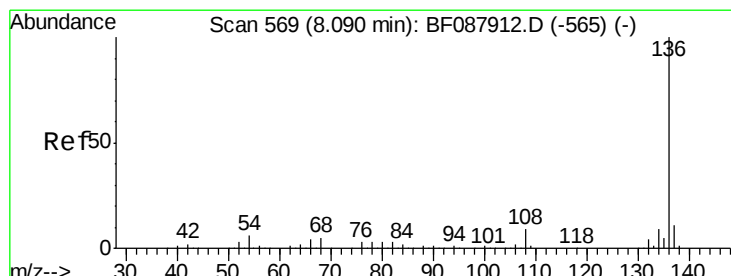
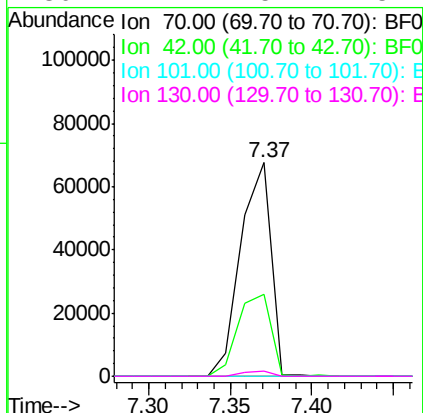




#19
n-Nitroso-di-n-propylamine
Concen: 17.42 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087970.D
Acq: 13 Jun 2016 1:52

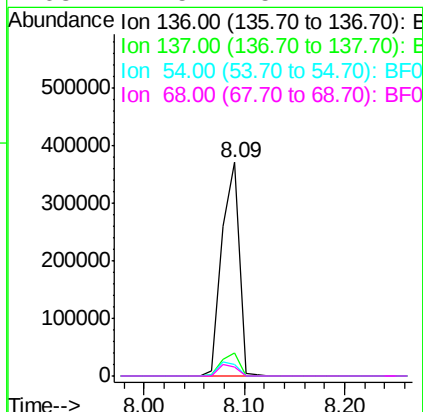
Instrument :
BNA_F
ClientSampleId :
STA-1120-(0-4)

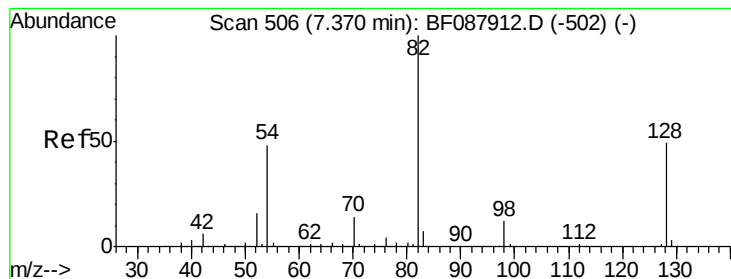
Tgt Ion:	70	Resp:	86943
Ion	Ratio	Lower	Upper
70	100		
42	38.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087970.D
Acq: 13 Jun 2016 1:52

Tgt Ion:	136	Resp:	447510
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.1	6.6	10.0#
68	4.5	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 86.96 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

Instrument :

BNA_F

ClientSampleId :

STA-1120-(0-4)

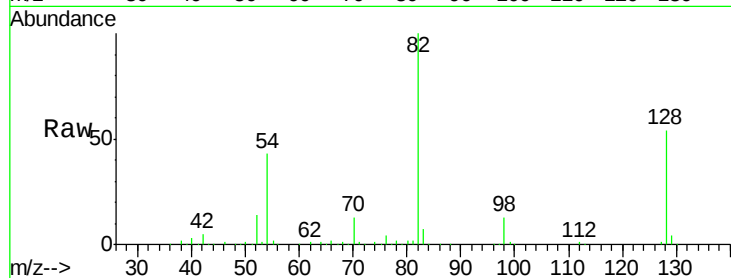
Tgt Ion: 82 Resp: 666408

Ion Ratio Lower Upper

82 100

128 53.7 35.9 53.9

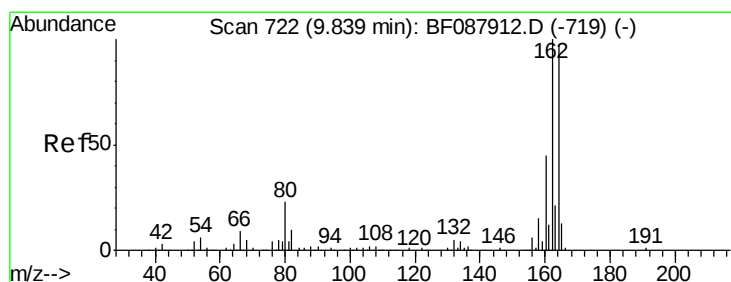
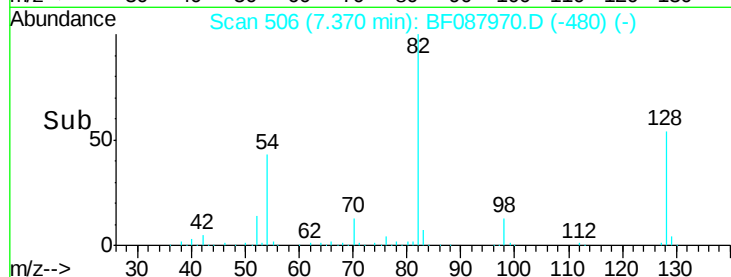
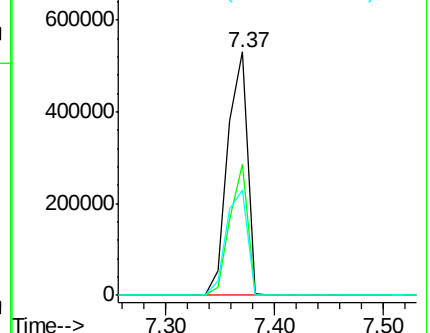
54 43.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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. -0.01 min

Lab File: BF087970.D

Acq: 13 Jun 2016 1:52

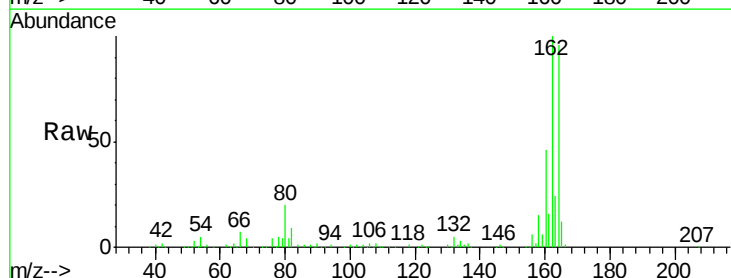
Tgt Ion: 164 Resp: 221452

Ion Ratio Lower Upper

164 100

162 103.8 85.4 128.2

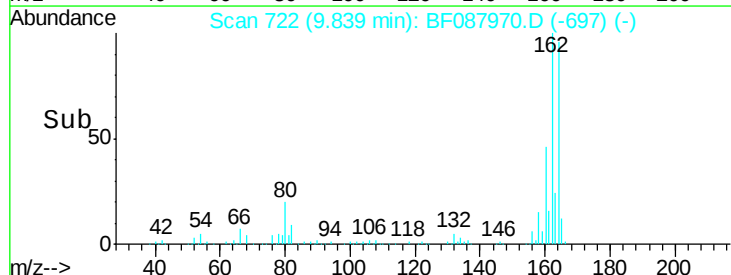
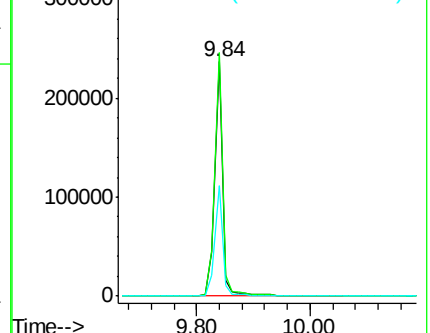
160 47.2 39.5 59.3

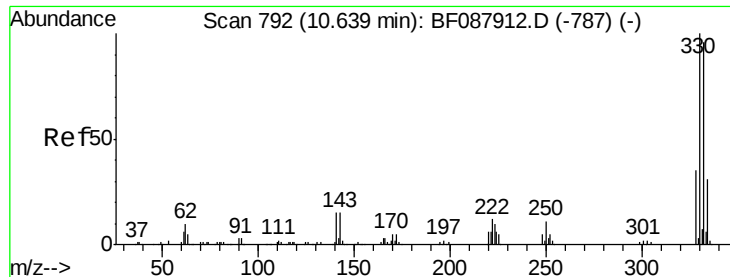


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

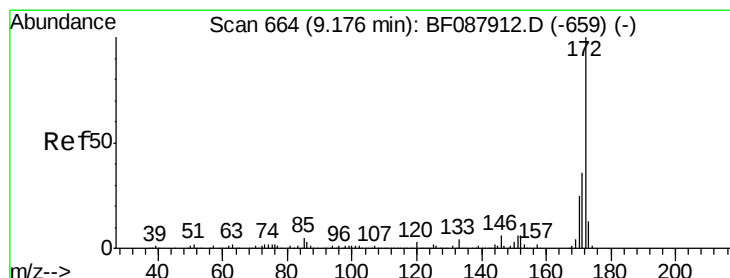
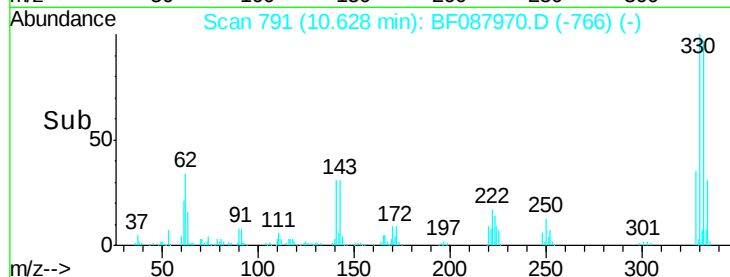
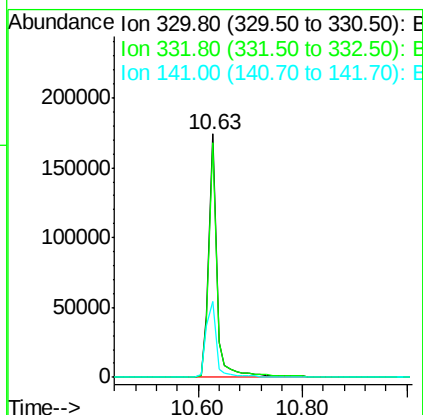
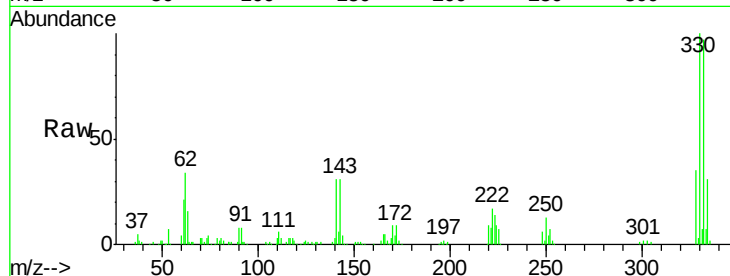




#41
 2,4,6-Tribromophenol
 Concen: 83.79 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

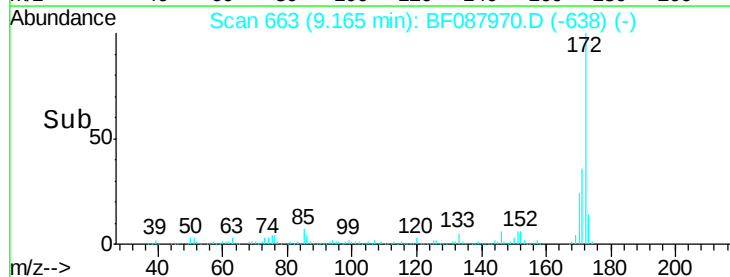
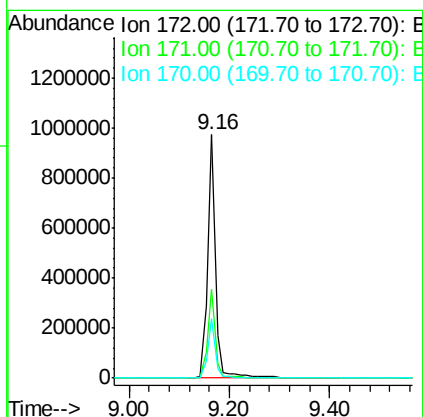
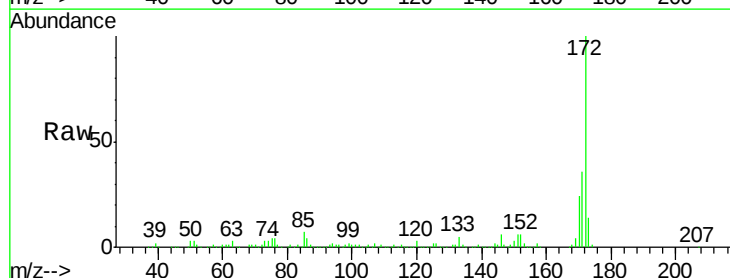
Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

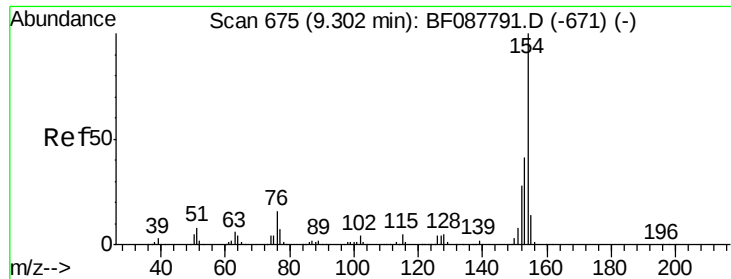
Tgt Ion: 330 Resp: 195918
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 39.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.36 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion: 172 Resp: 1084425
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.4 19.2 28.8

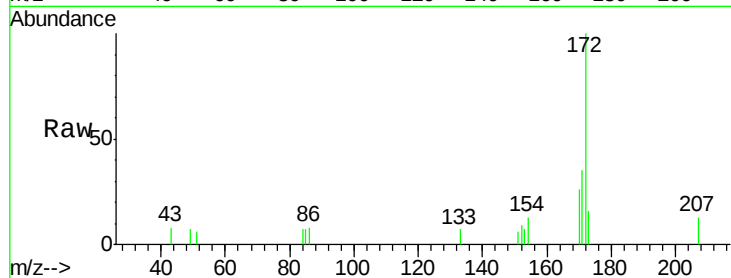




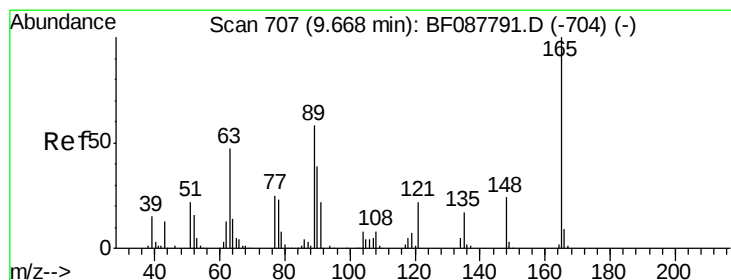
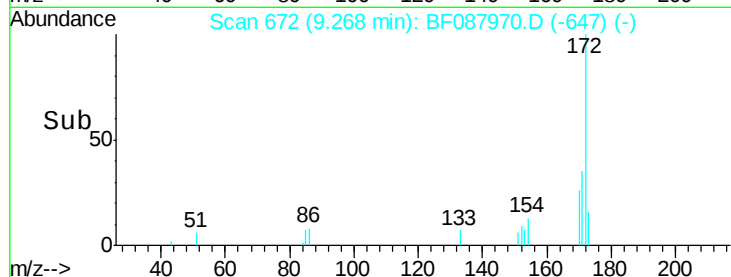
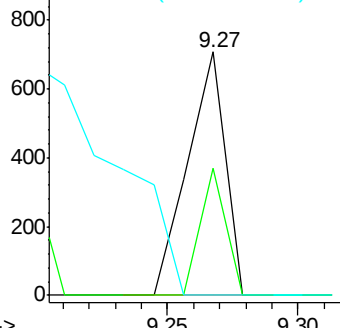
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.27 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Tgt Ion:154 Resp: 717
 Ion Ratio Lower Upper
 154 100
 153 52.0 20.6 60.6
 76 0.0 0.0 35.1

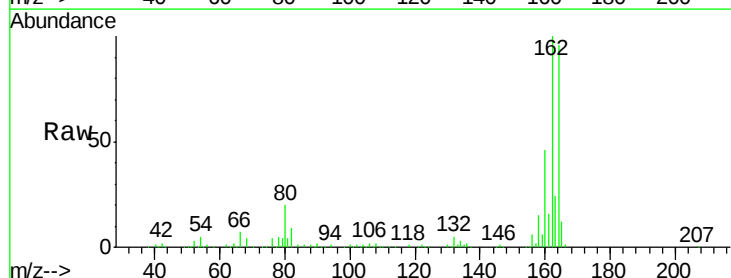


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

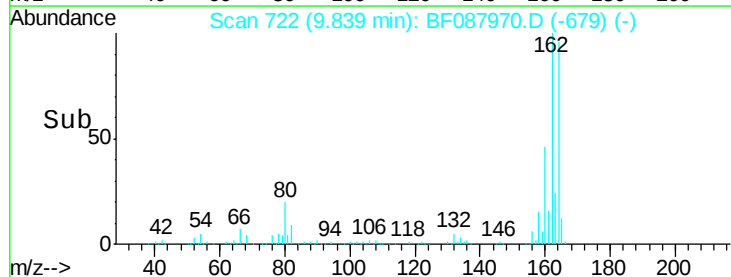
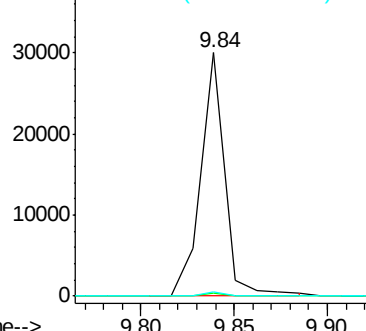


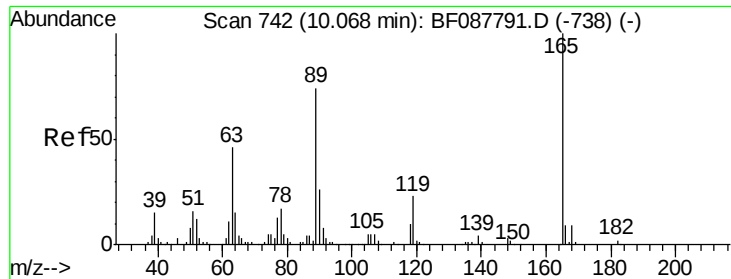
#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.19 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion:165 Resp: 27057
 Ion Ratio Lower Upper
 165 100
 63 1.1 28.1 42.1#
 89 1.7 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

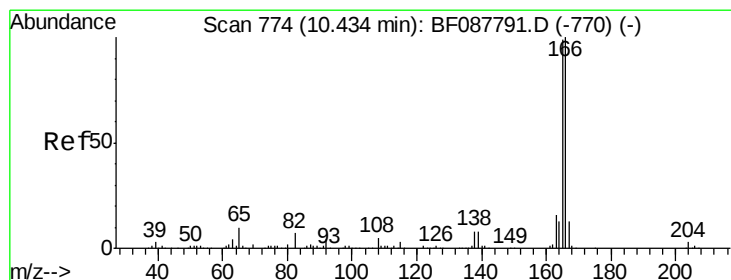
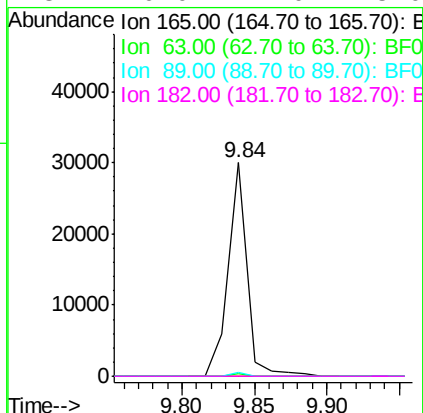
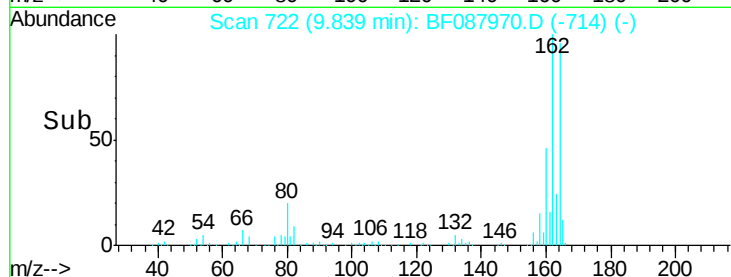
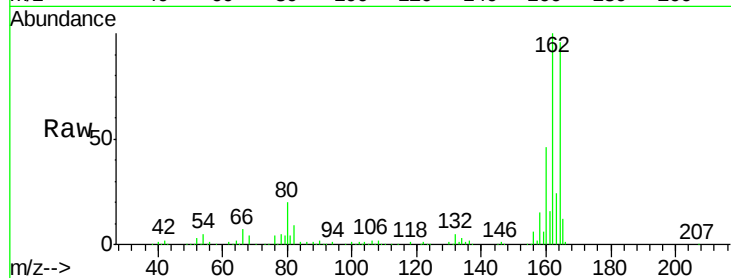




#56
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.21 min
Lab File: BF087970.D
Acq: 13 Jun 2016 1:52

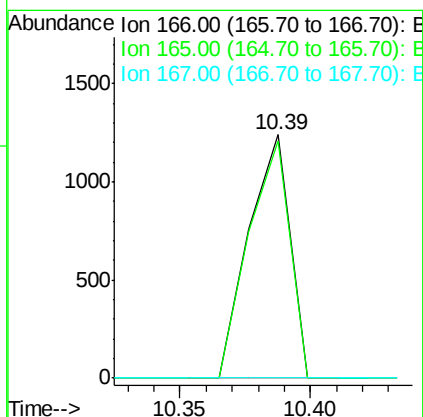
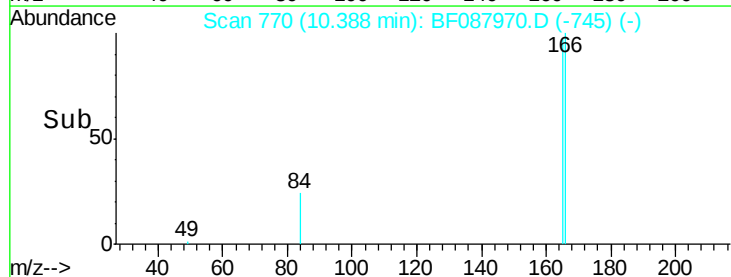
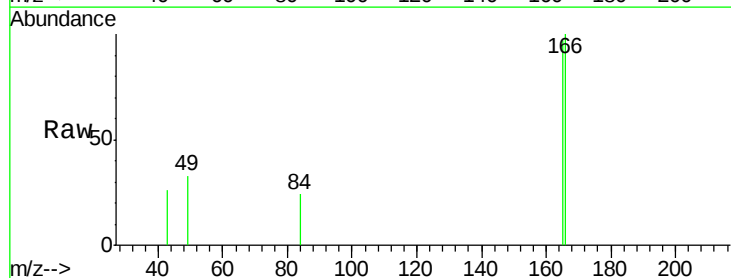
Instrument :
BNA_F
ClientSampleId :
STA-1120-(0-4)

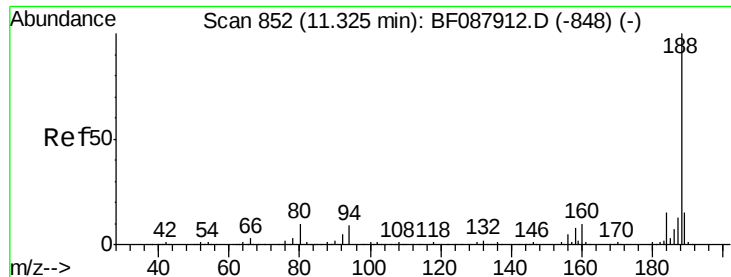
Tgt Ion:165 Resp: 27054
Ion Ratio Lower Upper
165 100
63 1.1 22.0 33.0#
89 1.7 41.1 61.7#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087970.D
Acq: 13 Jun 2016 1:52

Tgt Ion:166 Resp: 1373
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 0.0 11.2 16.8#

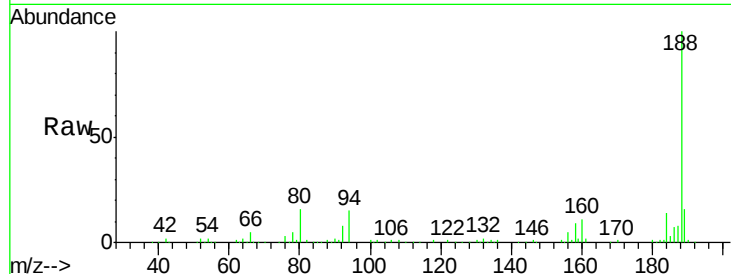




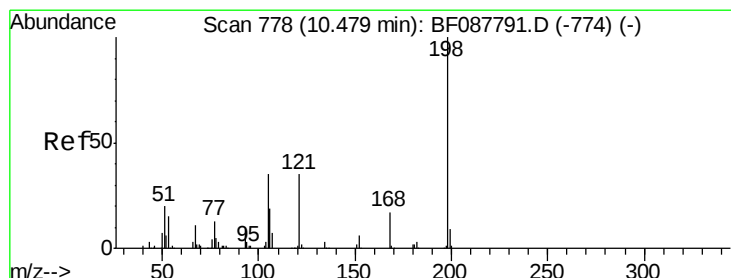
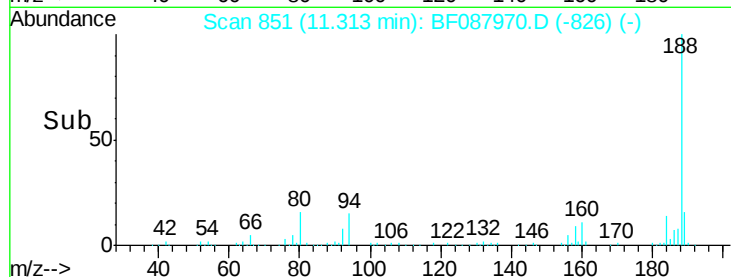
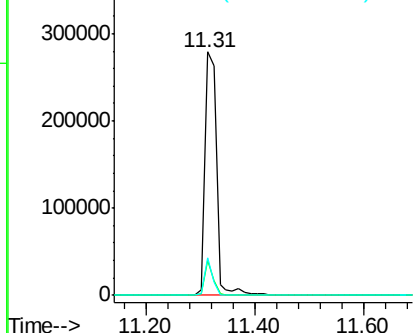
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Tgt Ion:188 Resp: 408261
 Ion Ratio Lower Upper
 188 100
 94 14.6 9.0 13.6#
 80 15.5 10.0 15.0#

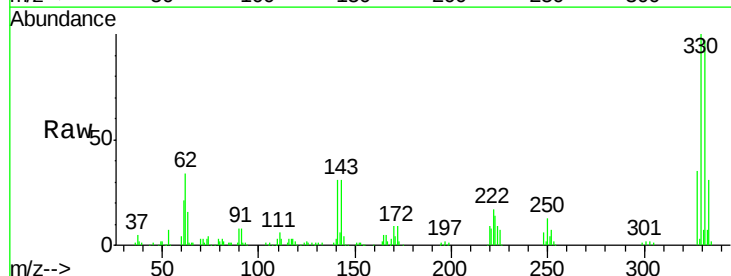


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

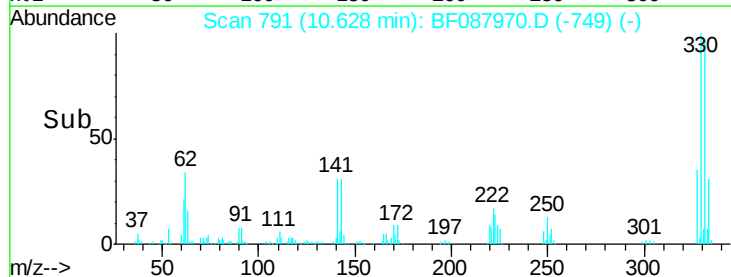
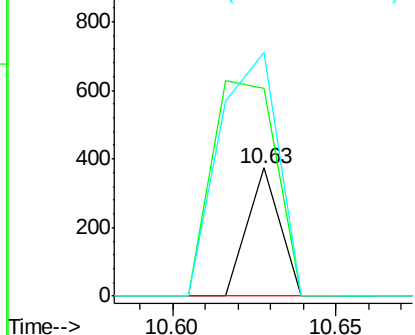


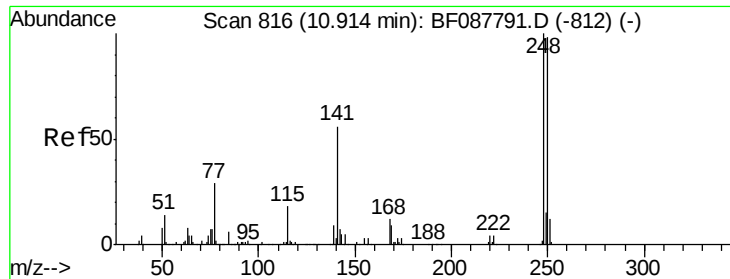
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.26 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.18 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion:198 Resp: 256
 Ion Ratio Lower Upper
 198 100
 51 162.7 39.6 79.6#
 105 190.3 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

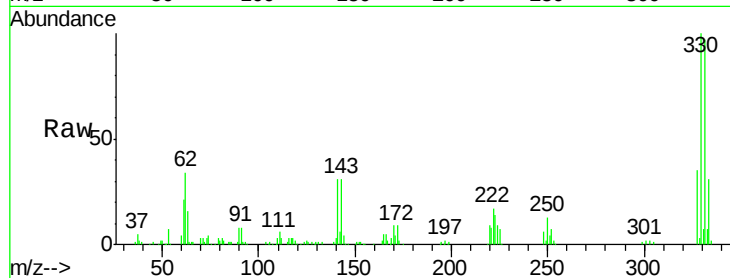




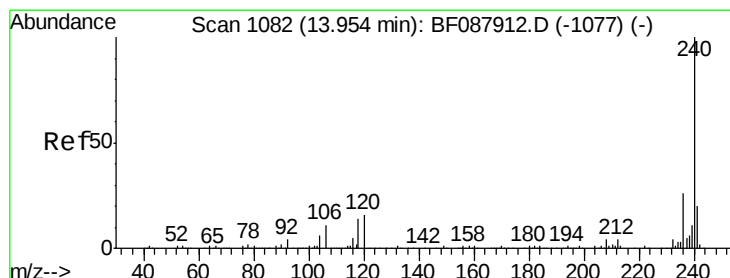
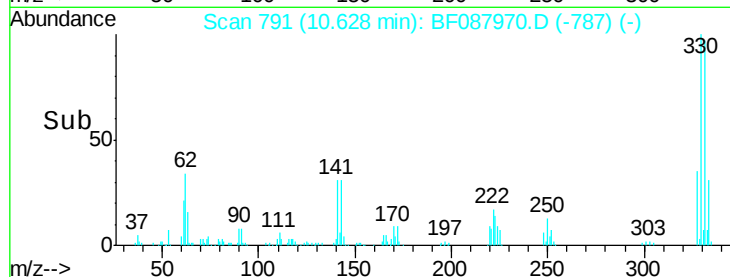
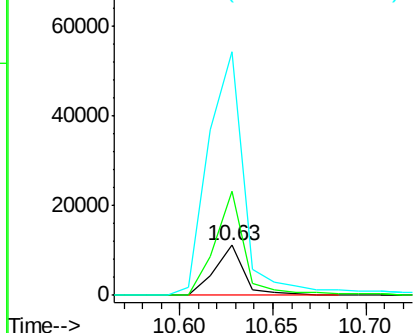
#66
 4-Bromophenyl-phenylether
 Concen: 2.81 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.25 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Tgt Ion:248 Resp: 12307
 Ion Ratio Lower Upper
 248 100
 250 206.5 77.1 115.7#
 141 485.4 50.6 76.0#

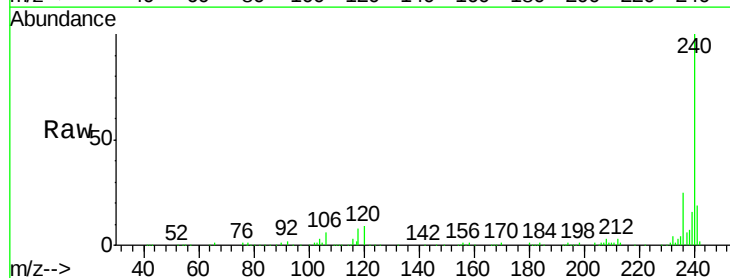


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

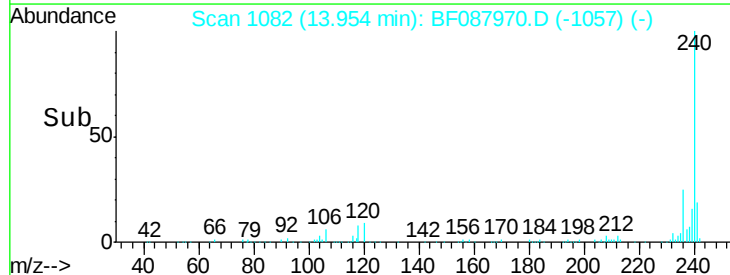
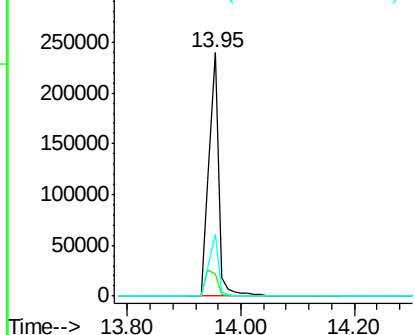


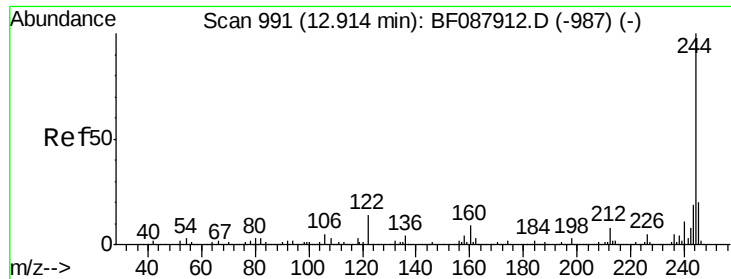
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion:240 Resp: 273393
 Ion Ratio Lower Upper
 240 100
 120 9.0 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

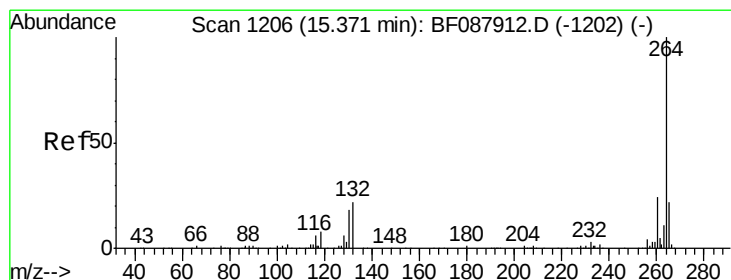
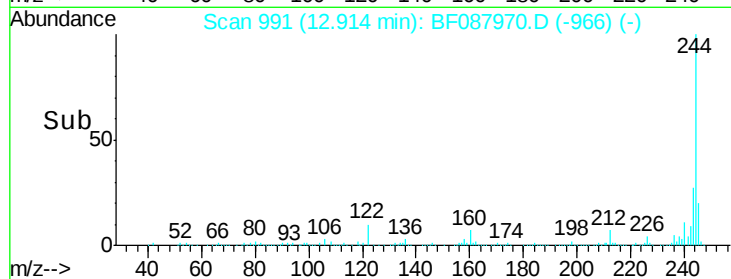
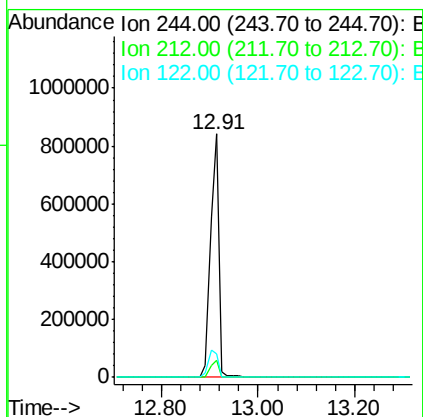
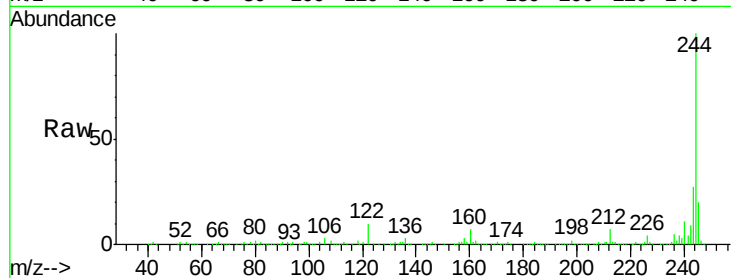




#78
 Terphenyl-d14
 Concen: 85.33 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 STA-1120-(0-4)

Tgt Ion:244 Resp: 1025195
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF087970.D
 Acq: 13 Jun 2016 1:52

Tgt Ion:264 Resp: 166064
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 16.9 25.3

