

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087992.D
 Acq On : 13 Jun 2016 19:36
 Operator : UM/SJ
 Sample : H3419-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B3(0-6)C

Quant Time: Jun 14 02:29:00 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 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133051	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	491891	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	229713	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	333344	20.00	ng	0.00
75) Chrysene-d12	13.95	240	294666	20.00	ng	0.00
86) Perylene-d12	15.37	264	217646	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	186529	23.97	ng	0.00
7) Phenol-d6	6.42	99	220954	23.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	135762	16.12	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	32696	13.48	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	239680	11.61	ng	0.00
78) Terphenyl-d14	12.90	244	163257	12.61	ng	0.00

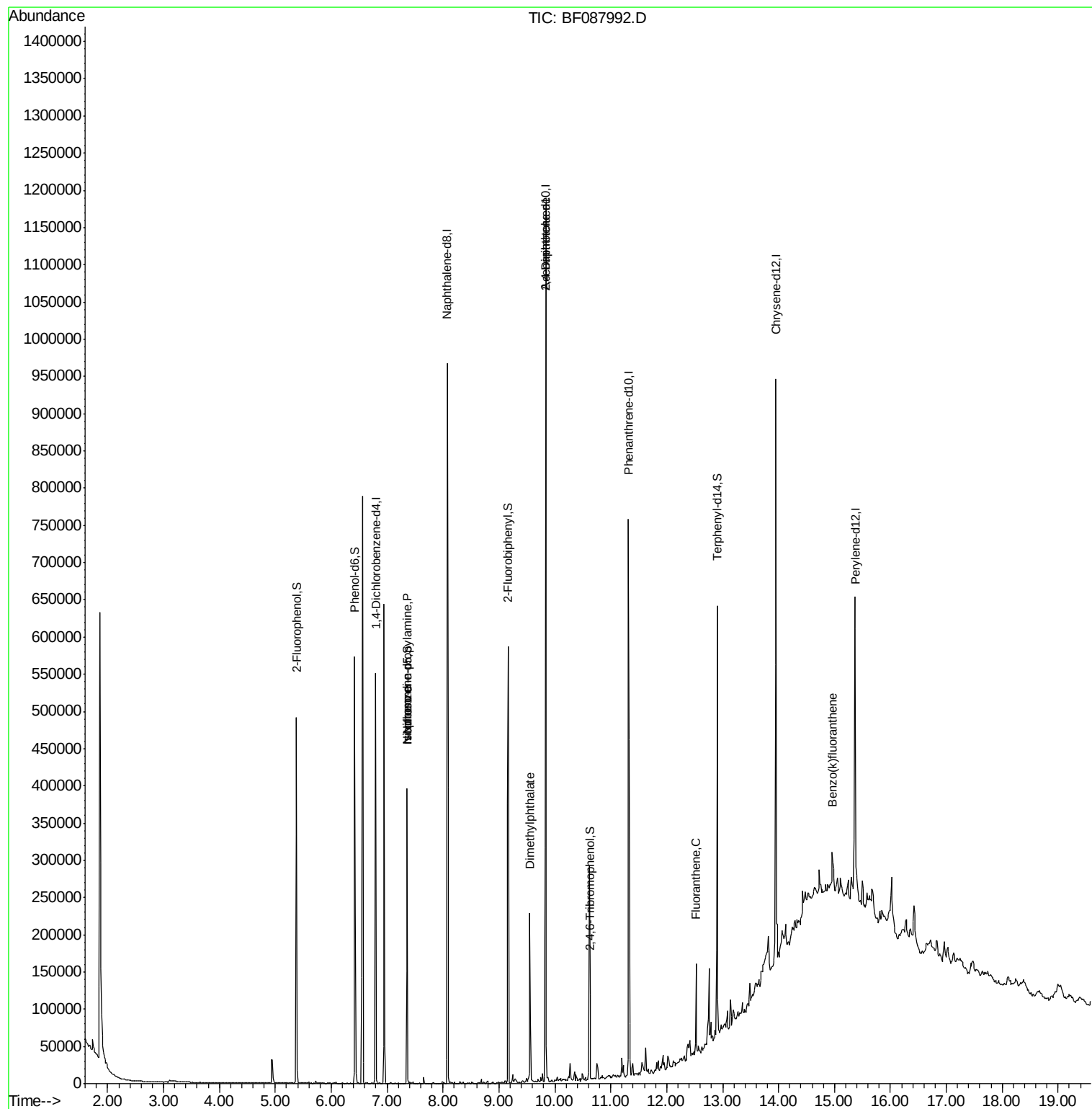
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	2817	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	16335	2.71 ng	#	71
25) Isophorone	7.36	82	99294	6.36 ng	#	65
45) 1,1'-Biphenyl	9.26	154	606	Below Cal	#	43
49) Dimethylphthalate	9.55	163	98034	5.89 ng	#	99
56) 2,4-Dinitrotoluene	9.84	165	29457	6.01 ng	#	38
57) Fluorene	10.38	166	2241	Below Cal	#	89
74) Fluoranthene	12.53	202	42042	2.28 ng	#	99
88) Benzo(k)fluoranthene	14.96	252	26568	2.32 ng	#	75

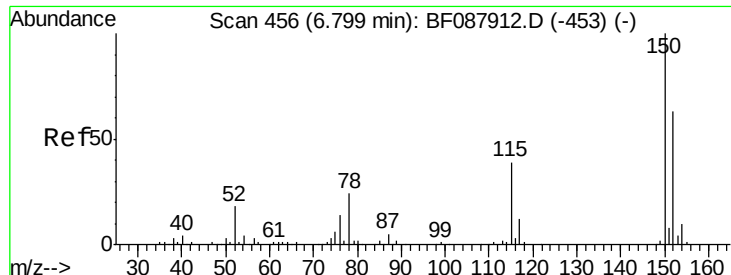
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087992.D
Acq On : 13 Jun 2016 19:36
Operator : UM/SJ
Sample : H3419-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T6-B3(0-6)C

Quant Time: Jun 14 02:29:00 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 14:10:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

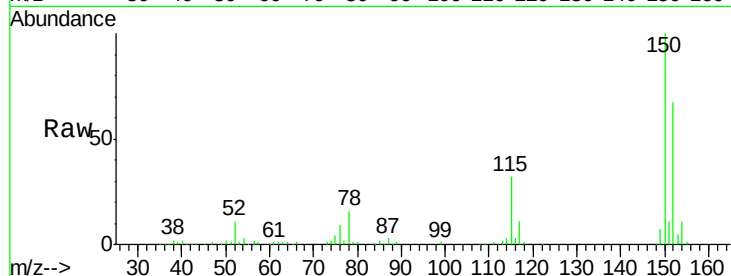
Tgt Ion:152 Resp: 133051

Ion Ratio Lower Upper

152 100

150 149.7 123.8 185.6

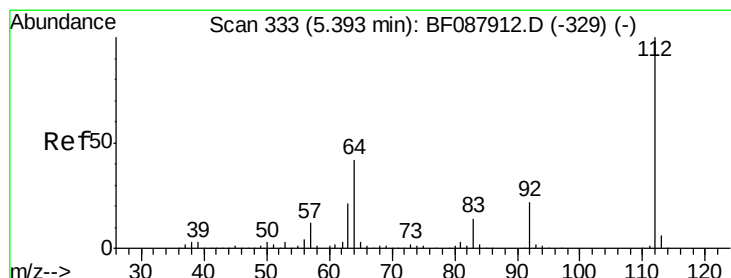
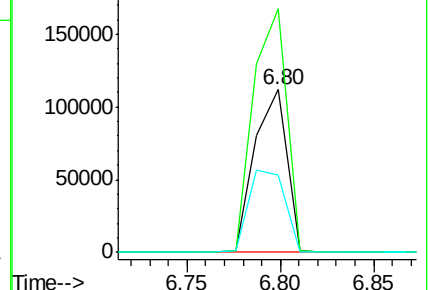
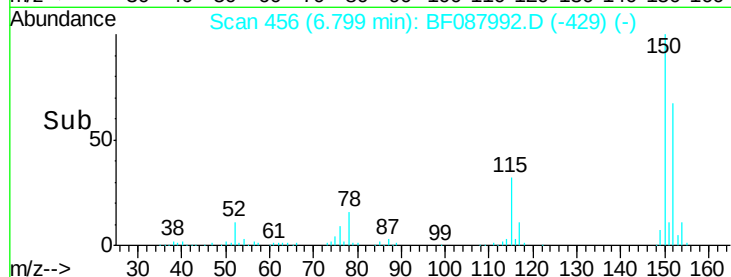
115 47.4 39.6 59.4



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: 23.97 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

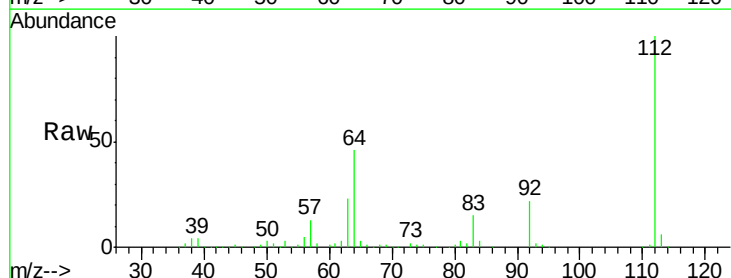
Tgt Ion:112 Resp: 186529

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

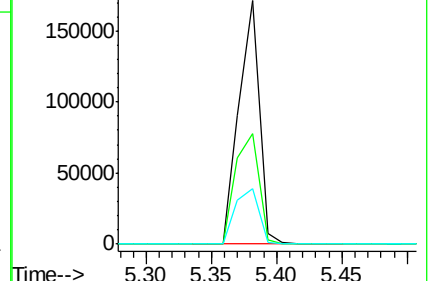
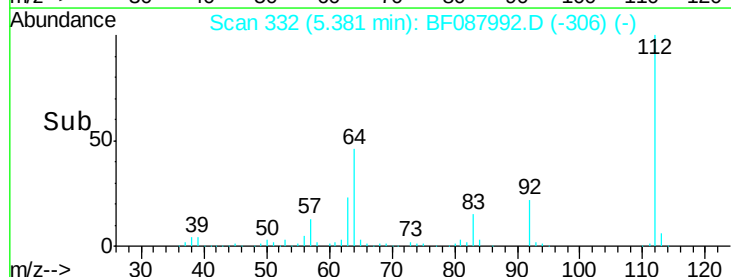
63 23.0 21.8 32.8

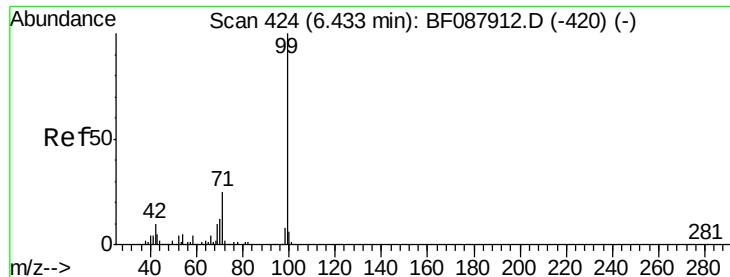


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.43 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

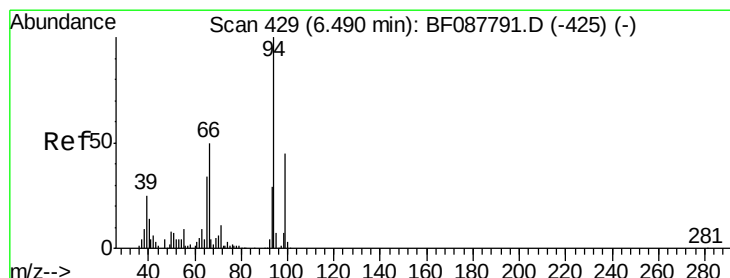
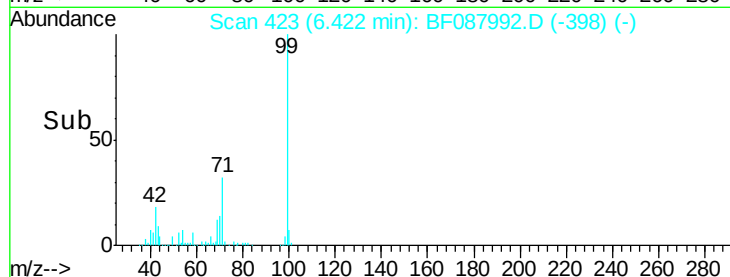
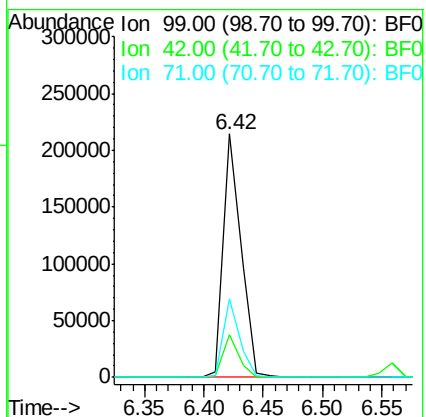
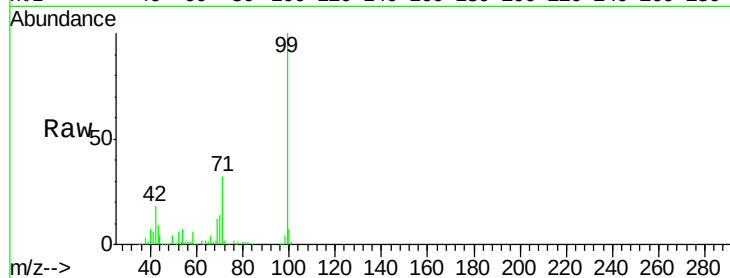
Tgt Ion: 99 Resp: 220954

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 32.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

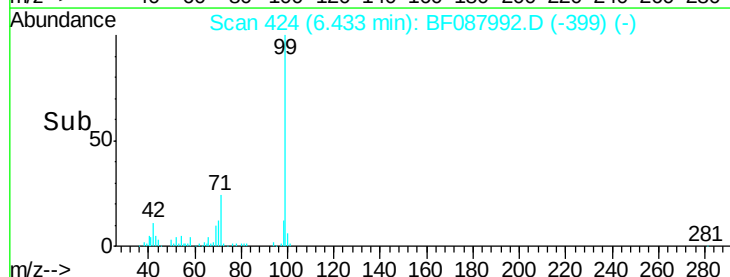
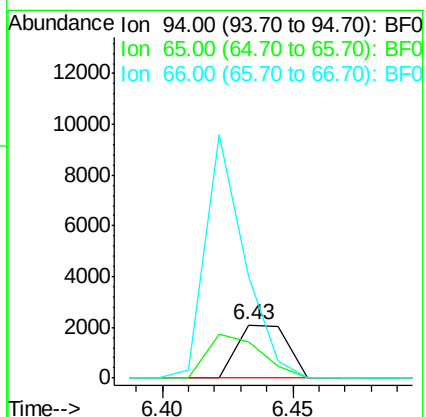
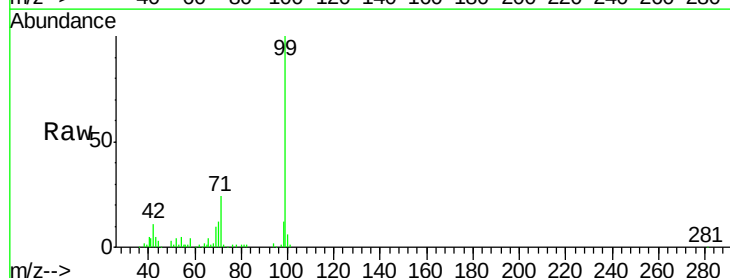
Tgt Ion: 94 Resp: 2817

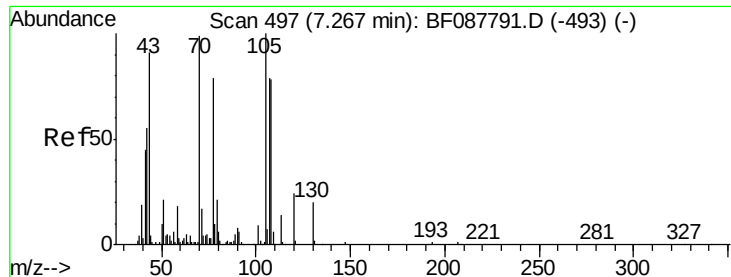
Ion Ratio Lower Upper

94 100

65 67.8 5.9 45.9#

66 191.3 14.0 54.0#

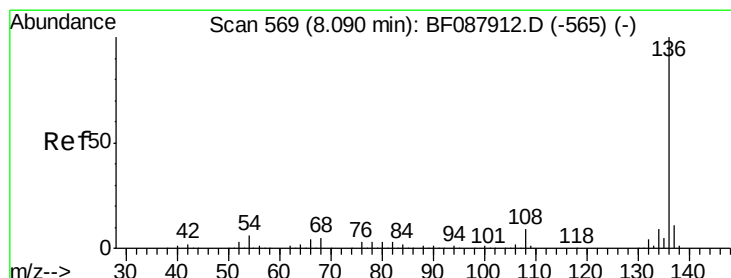
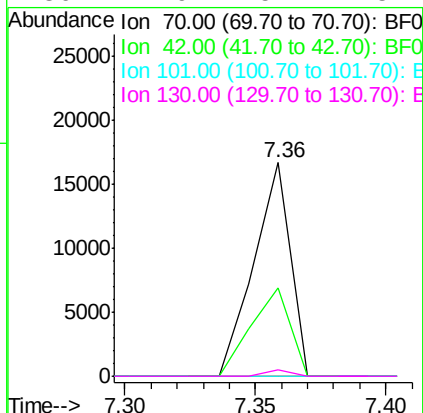
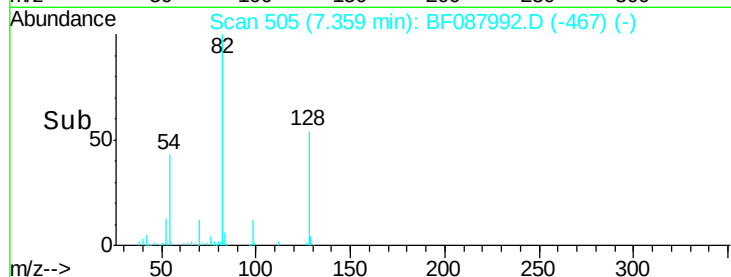
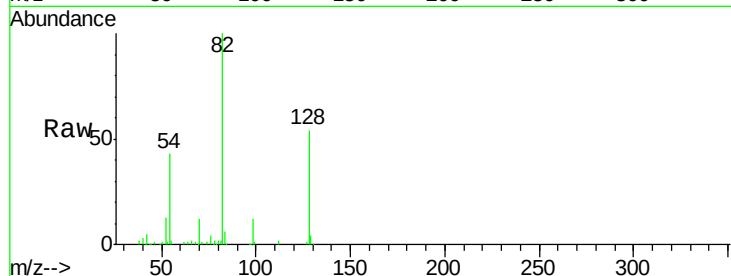




#19
n-Nitroso-di-n-propylamine
Concen: 2.71 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.14 min
Lab File: BF087992.D
Acq: 13 Jun 2016 19:36

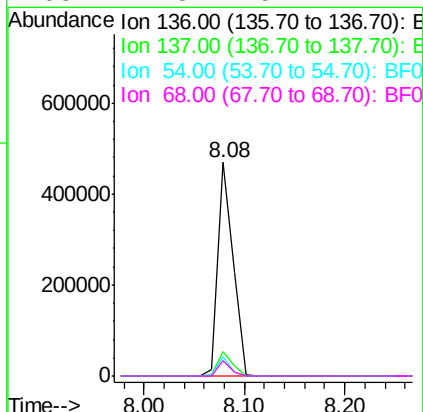
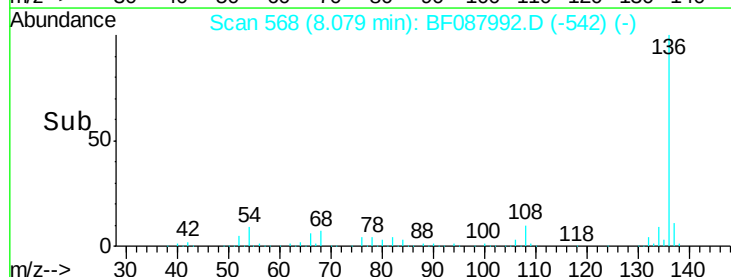
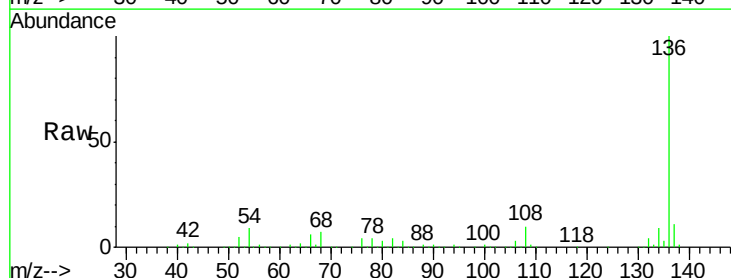
Instrument :
BNA_F
ClientSampleId :
T6-B3(0-6)C

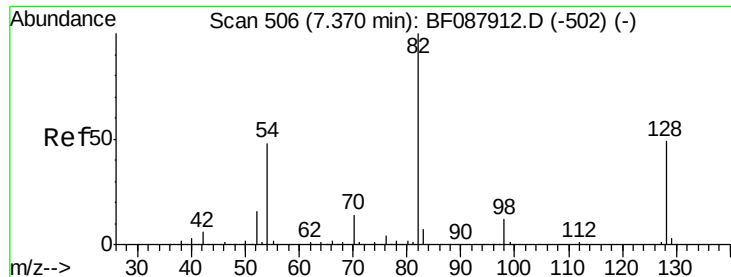
Tgt Ion:	70	Resp:	16335
Ion	Ratio	Lower	Upper
70	100		
42	41.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF087992.D
Acq: 13 Jun 2016 19:36

Tgt Ion:	136	Resp:	491891
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.0	6.6	10.0
68	7.3	5.1	7.7

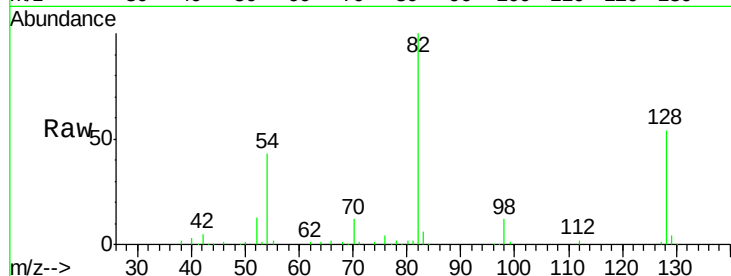




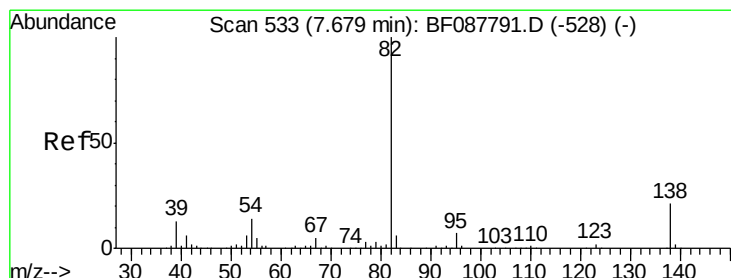
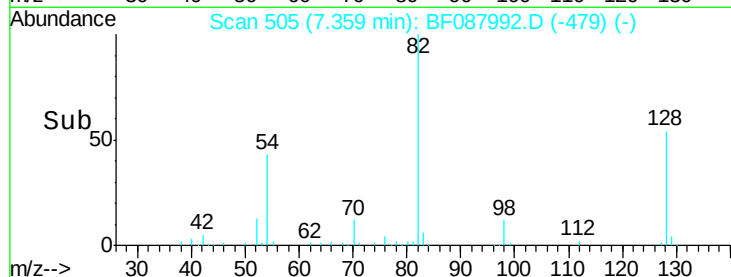
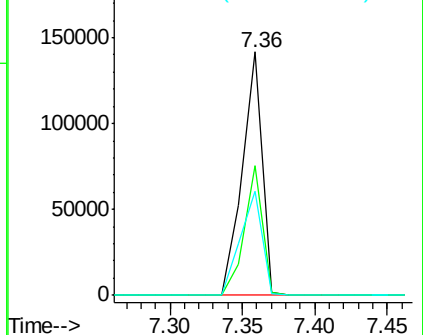
#23
 Nitrobenzene-d5
 Concen: 16.12 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF087992.D
 Acq: 13 Jun 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 T6-B3(0-6)C

Tgt Ion: 82 Resp: 135762
 Ion Ratio Lower Upper
 82 100
 128 53.5 35.9 53.9
 54 42.6 40.9 61.3

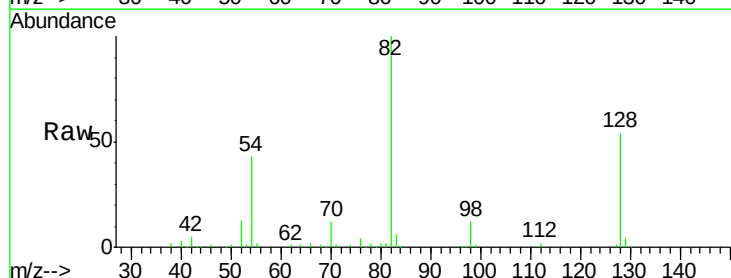


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

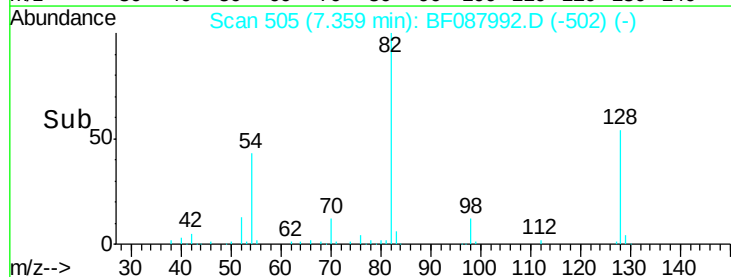
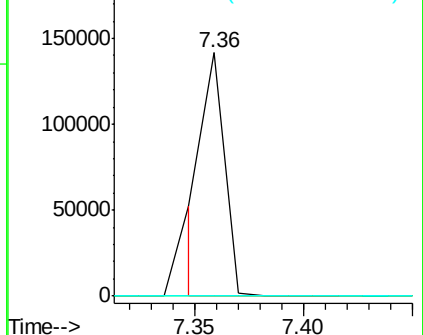


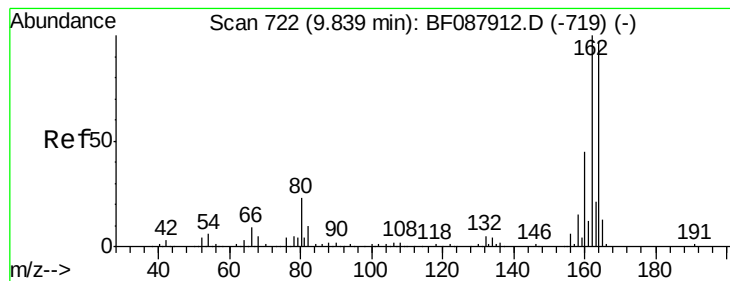
#25
 Isophorone
 Concen: 6.36 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.26 min
 Lab File: BF087992.D
 Acq: 13 Jun 2016 19:36

Tgt Ion: 82 Resp: 99294
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

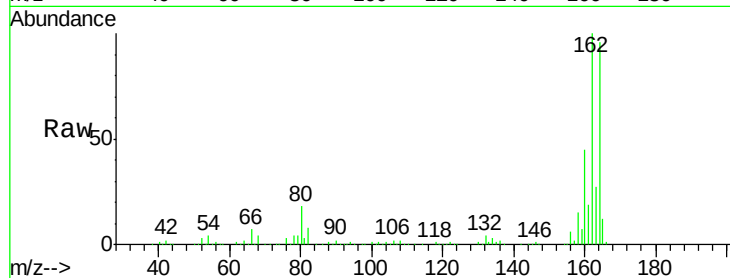
Tgt Ion:164 Resp: 229713

Ion Ratio Lower Upper

164 100

162 103.8 85.4 128.2

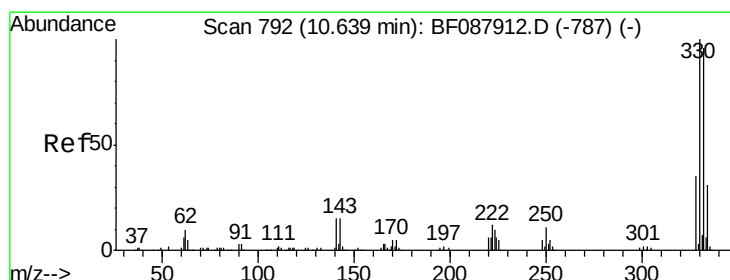
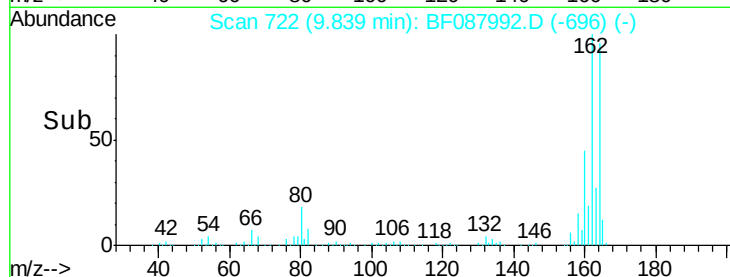
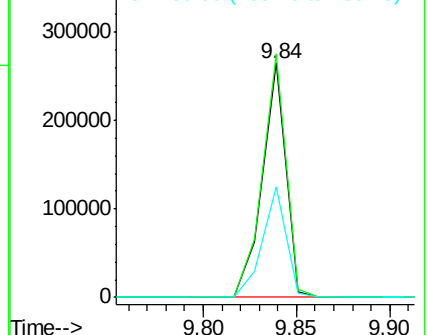
160 47.0 39.5 59.3



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: 13.48 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

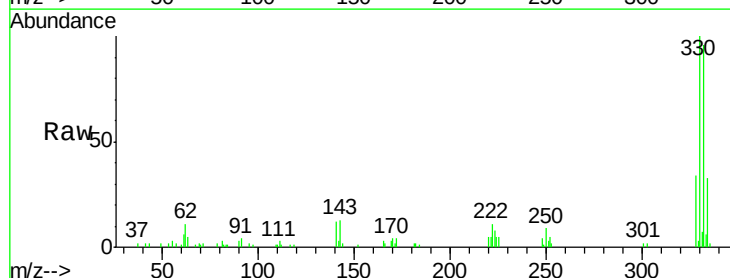
Tgt Ion:330 Resp: 32696

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

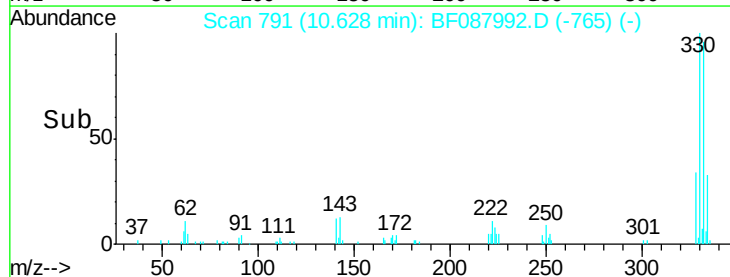
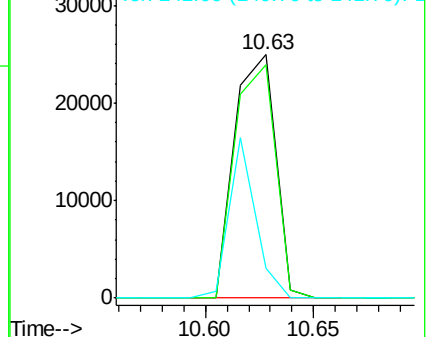
141 42.2 0.0 0.0#

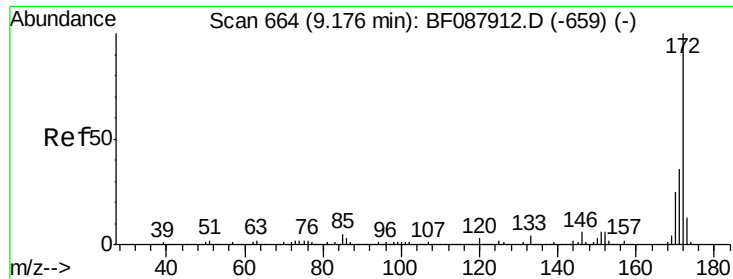


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

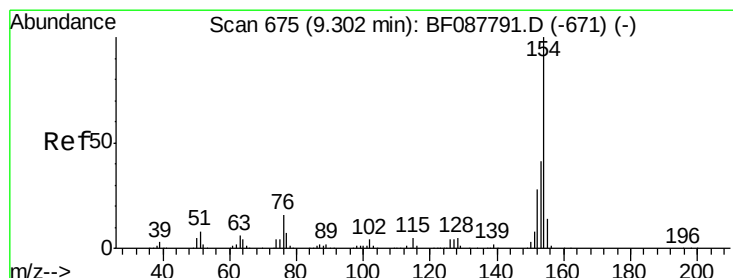
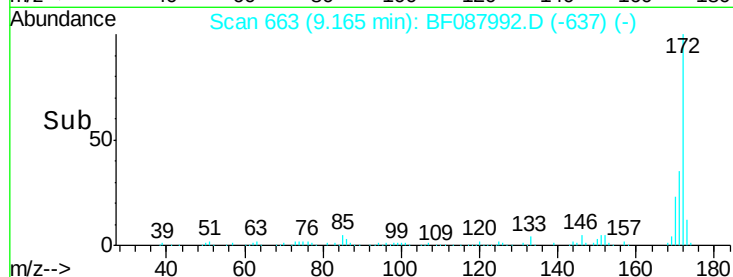
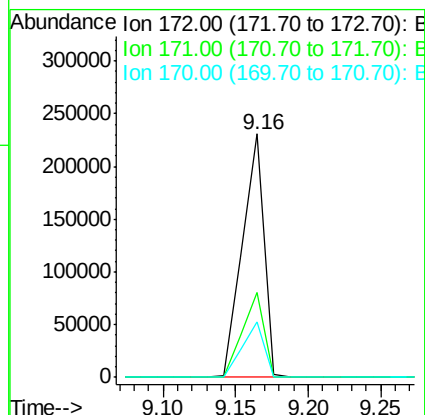
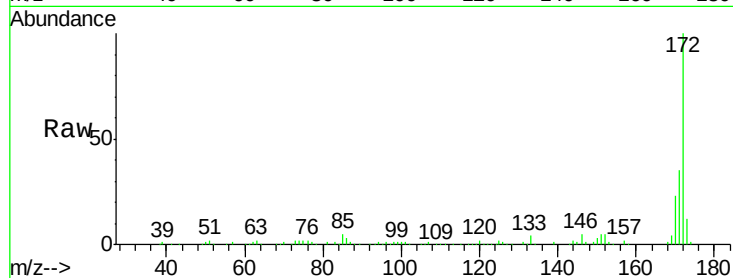




#44
2-Fluorobiphenyl
Concen: 11.61 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087992.D
Acq: 13 Jun 2016 19:36

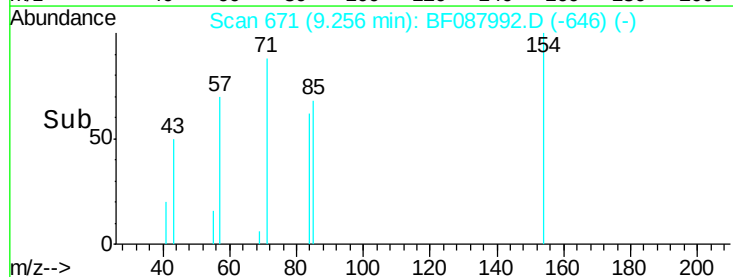
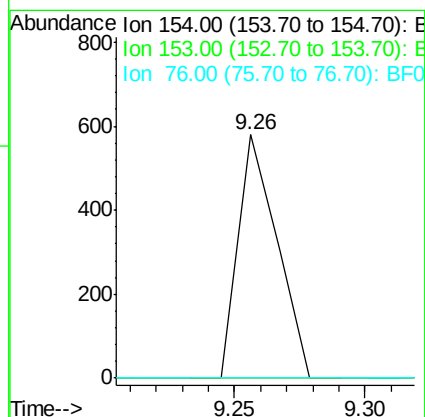
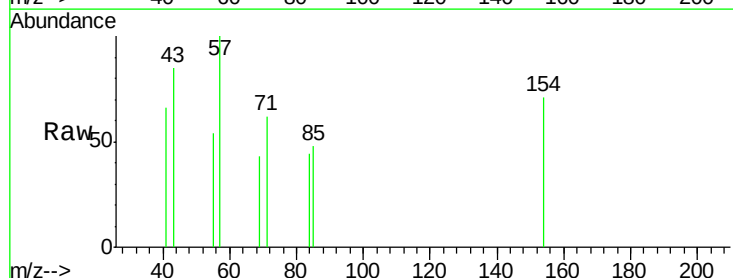
Instrument :
BNA_F
ClientSampleId :
T6-B3(0-6)C

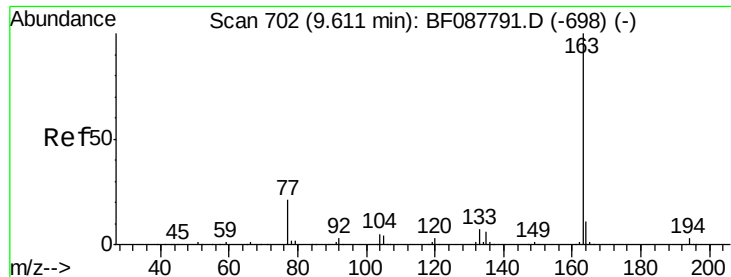
Tgt Ion:172 Resp: 239680
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.9 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF087992.D
Acq: 13 Jun 2016 19:36

Tgt Ion:154 Resp: 606
Ion Ratio Lower Upper
154 100
153 0.0 20.6 60.6#
76 0.0 0.0 35.1





#49

Dimethylphthalate

Concen: 5.89 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

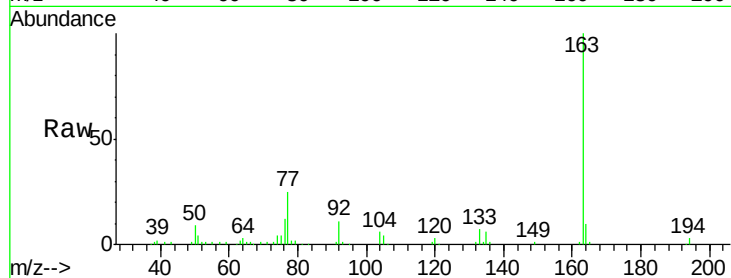
Tgt Ion:163 Resp: 98034

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

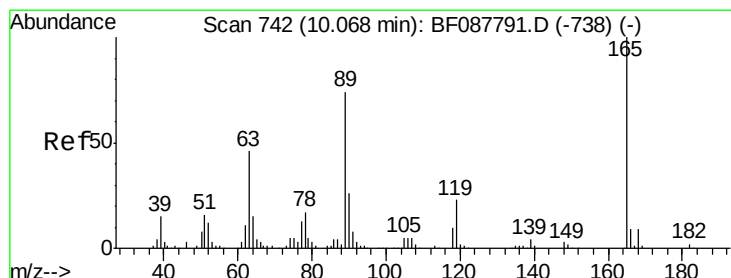
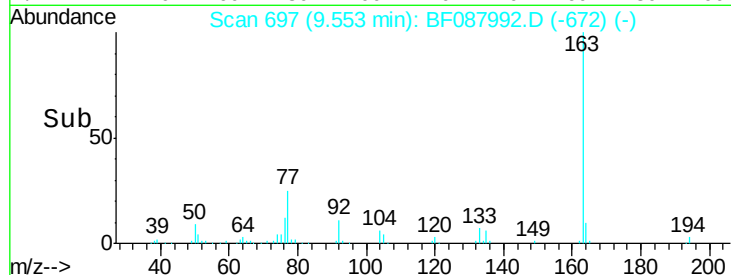
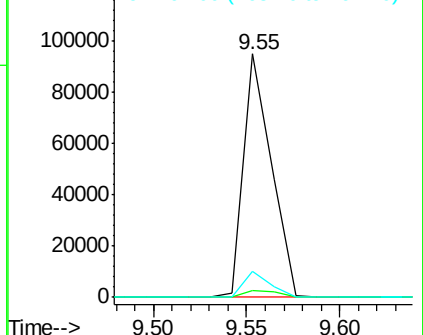
164 10.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Tgt Ion:165 Resp: 29457

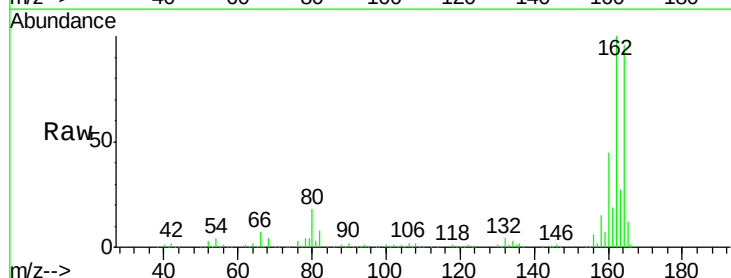
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

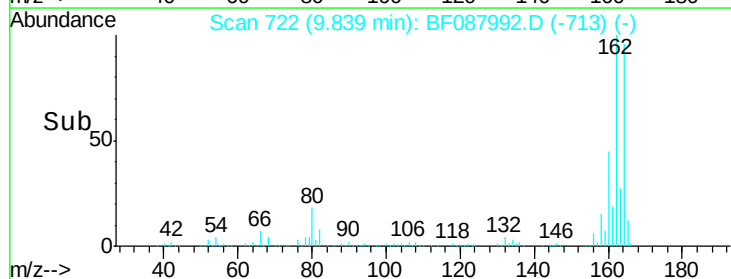
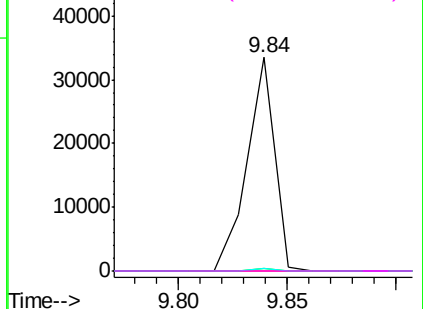


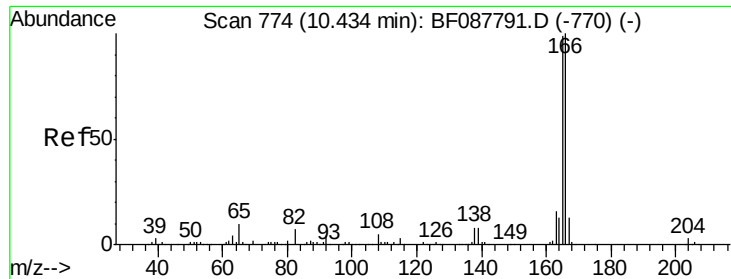
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

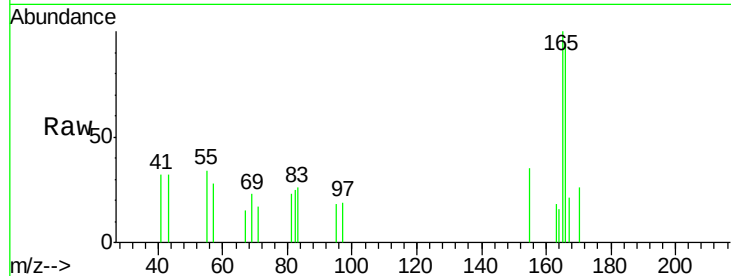
Tgt Ion:166 Resp: 2241

Ion Ratio Lower Upper

166 100

165 106.7 77.8 116.8

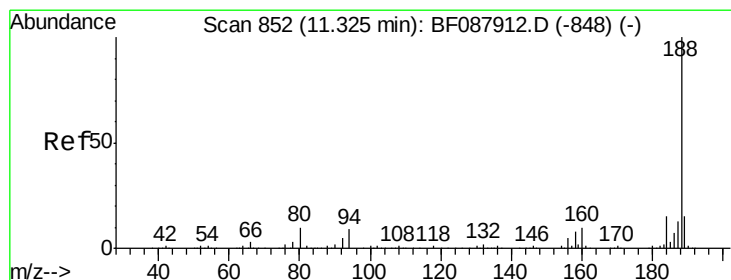
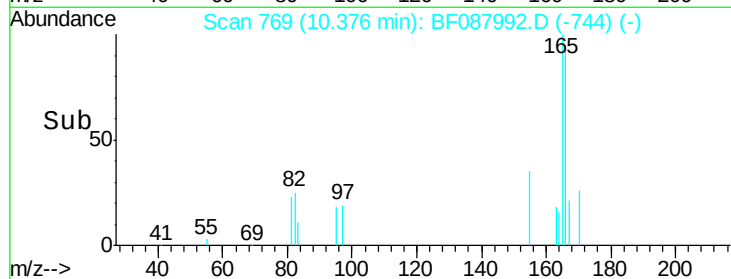
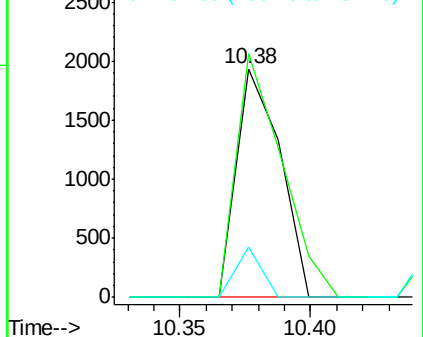
167 22.3 11.2 16.8#



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: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

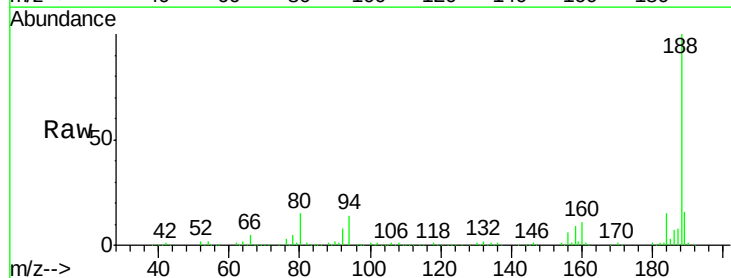
Tgt Ion:188 Resp: 333344

Ion Ratio Lower Upper

188 100

94 13.7 9.0 13.6#

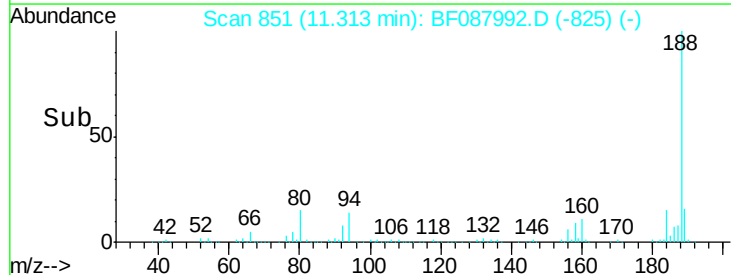
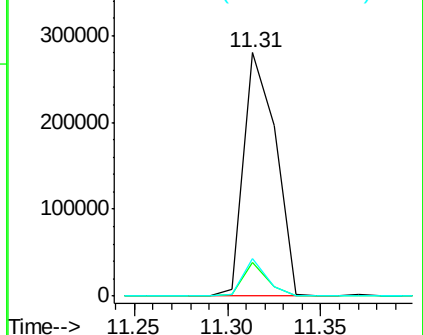
80 15.2 10.0 15.0#

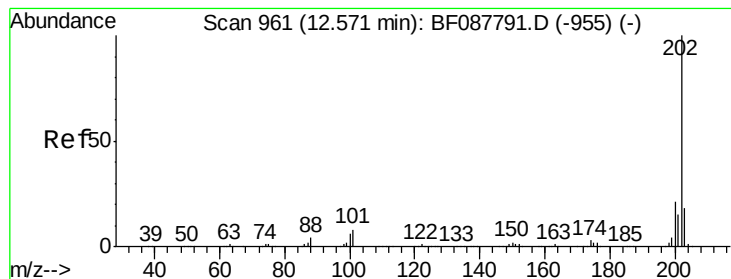


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.28 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

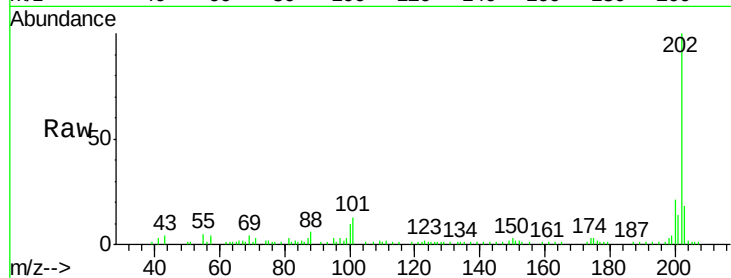
Tgt Ion:202 Resp: 42042

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.1

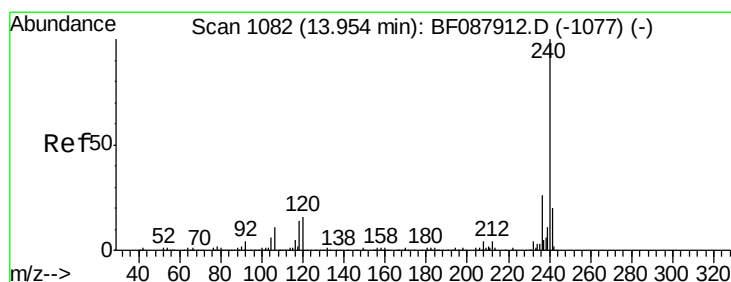
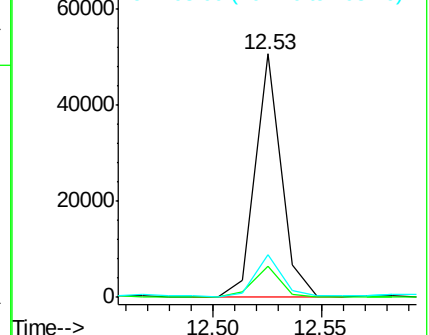
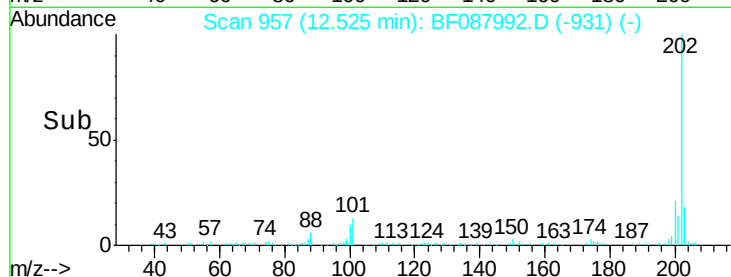
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

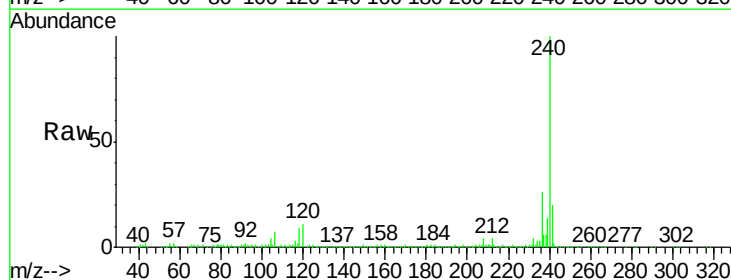
Tgt Ion:240 Resp: 294666

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

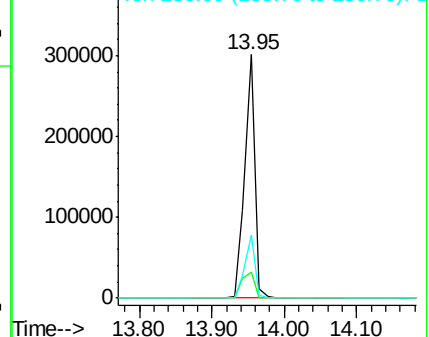
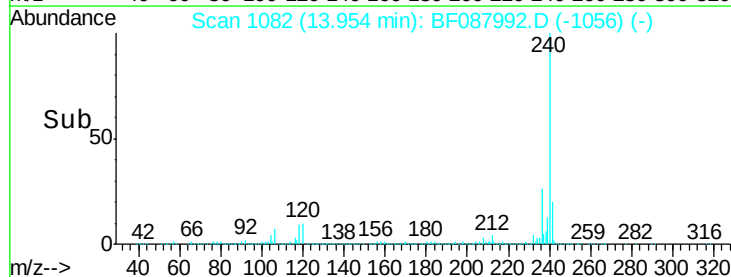
236 25.9 20.2 30.2

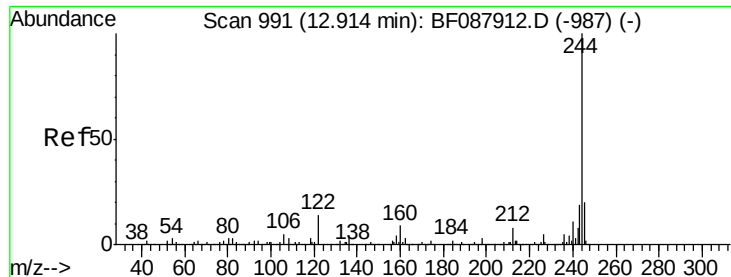


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.61 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C

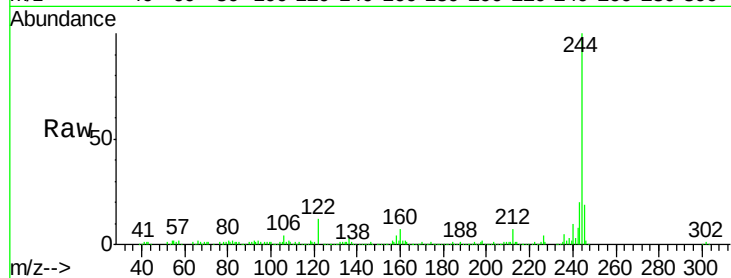
Tgt Ion:244 Resp: 163257

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

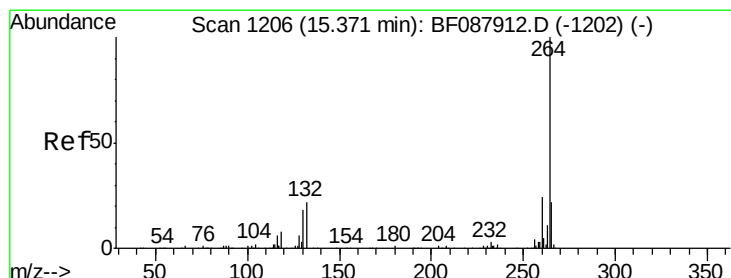
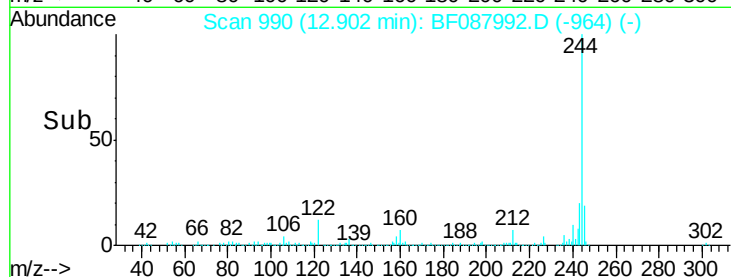
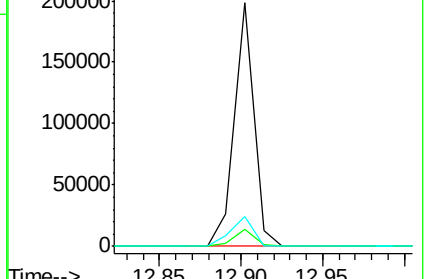
122 12.1 11.2 16.8



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: 15.37 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF087992.D

Acq: 13 Jun 2016 19:36

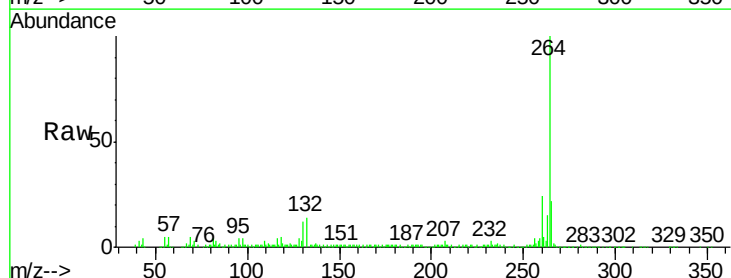
Tgt Ion:264 Resp: 217646

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

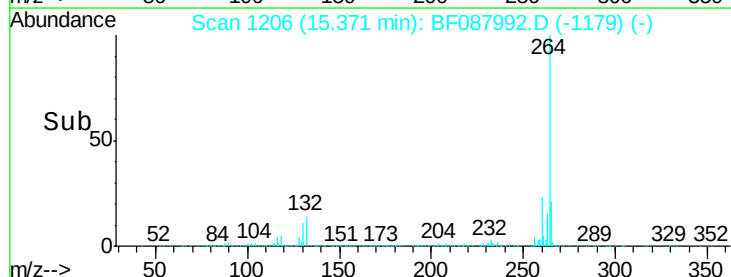
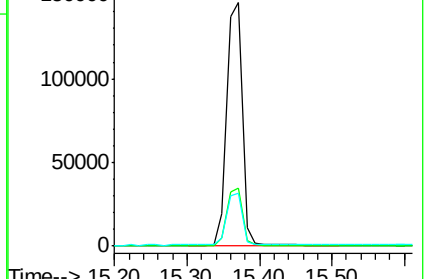
265 21.7 16.9 25.3

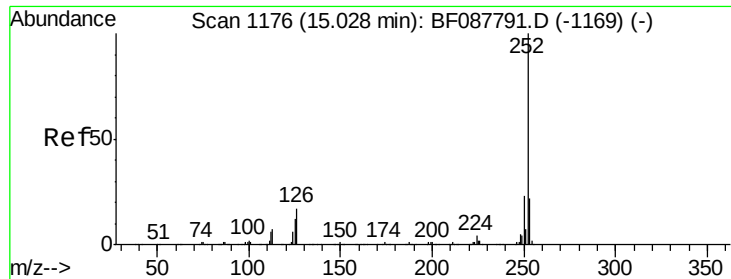


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.32 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF087992.D

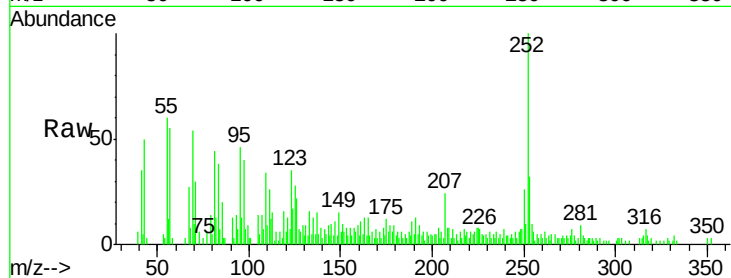
Acq: 13 Jun 2016 19:36

Instrument :

BNA_F

ClientSampleId :

T6-B3(0-6)C



Tgt Ion:	252	Resp:	26568
Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.0	27.0#
125	27.6	11.2	16.8#

