

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091237.D
 Acq On : 18 Nov 2016 17:11
 Operator : UM/SJ
 Sample : PB94806BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

Quant Time: Nov 18 21:59:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

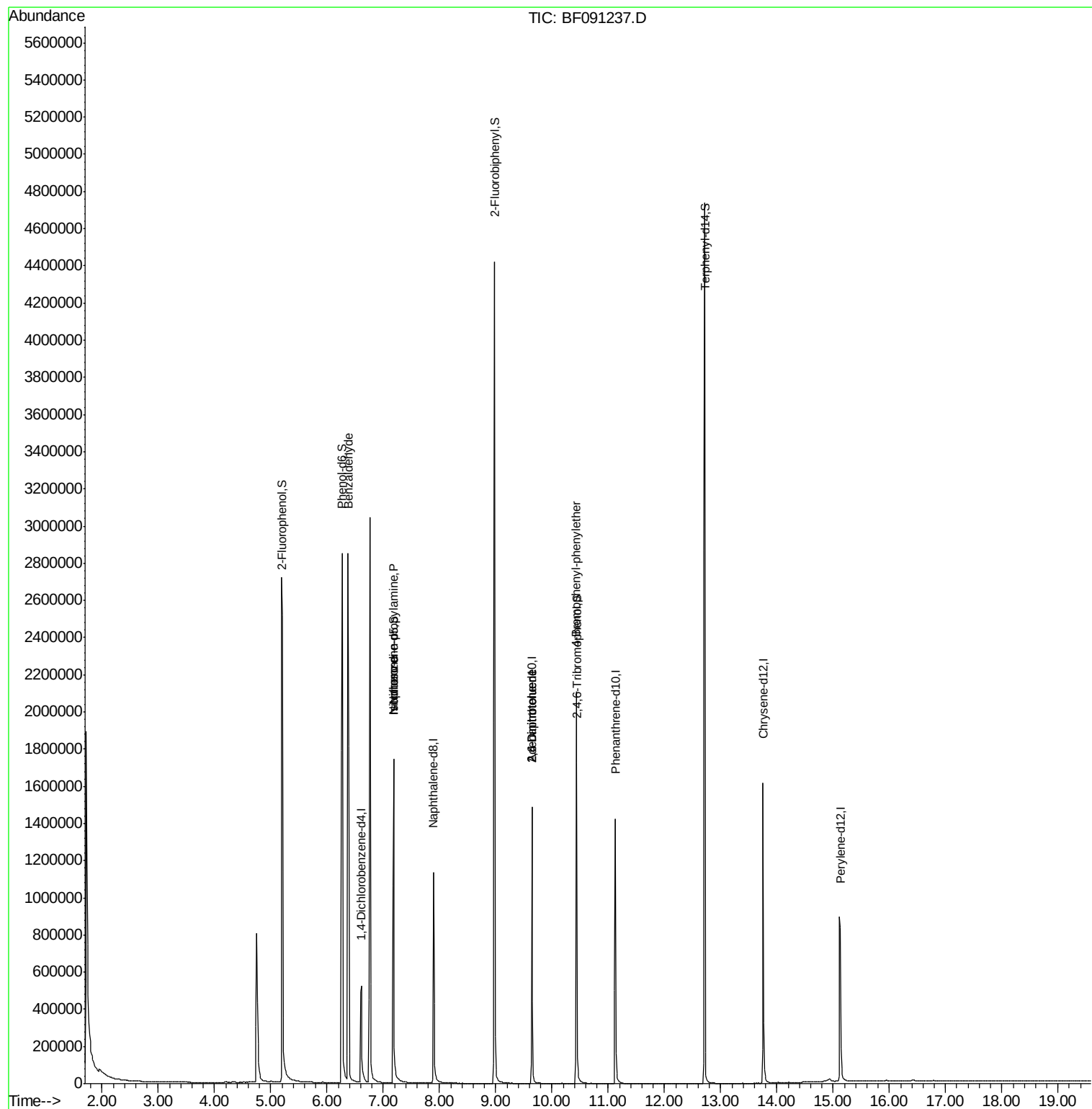
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	156046	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	671956	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	352727	20.00	ng	-0.06
63) Phenanthrene-d10	11.13	188	636330	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	600532	20.00	ng	-0.06
86) Perylene-d12	15.13	264	532614	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1293906	136.94	ng	-0.03
7) Phenol-d6	6.27	99	1435648	111.94	ng	-0.05
23) Nitrobenzene-d5	7.18	82	864790	70.21	ng	-0.06
41) 2,4,6-Tribromophenol	10.44	330	476792	149.52	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1681882	82.09	ng	-0.06
78) Terphenyl-d14	12.72	244	1924815	79.98	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.37	77	21561	3.03	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.18	70	109525	12.32	ng	# 72
25) Isophorone	7.18	82	854869	36.02	ng	# 67
50) 2,6-Dinitrotoluene	9.64	165	44552	8.99	ng	# 11
56) 2,4-Dinitrotoluene	9.64	165	44556	7.06	ng	# 26
66) 4-Bromophenyl-phenylether	10.43	248	28282	4.27	ng	# 1

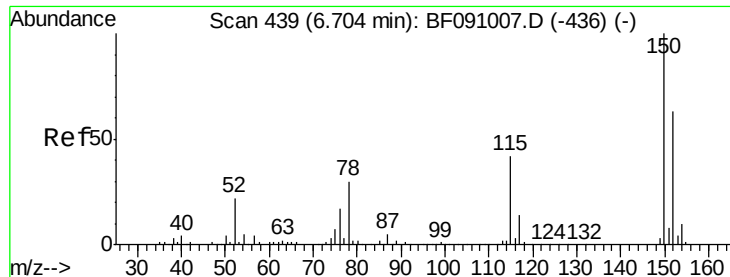
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091237.D
Acq On : 18 Nov 2016 17:11
Operator : UM/SJ
Sample : PB94806BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94806BL

Quant Time: Nov 18 21:59:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091237.D

Acq: 18 Nov 2016 17:11

Instrument :

BNA_F

ClientSampleId :

PB94806BL

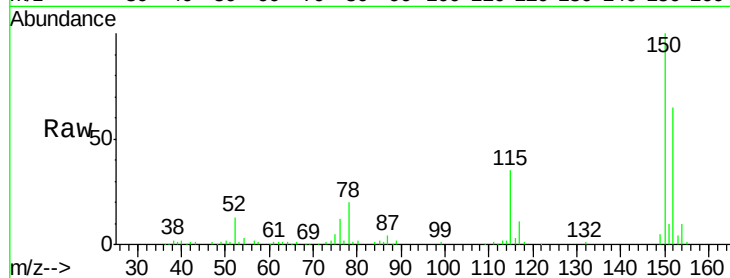
Tgt Ion:152 Resp: 156046

Ion Ratio Lower Upper

152 100

150 153.7 126.8 190.2

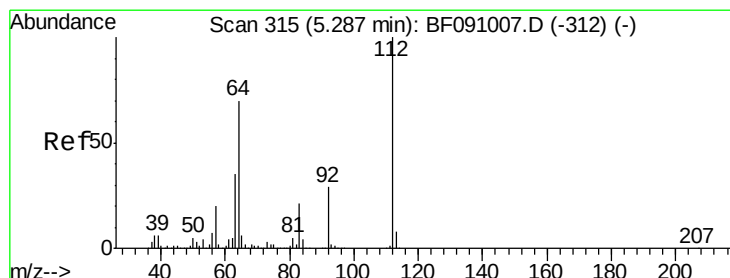
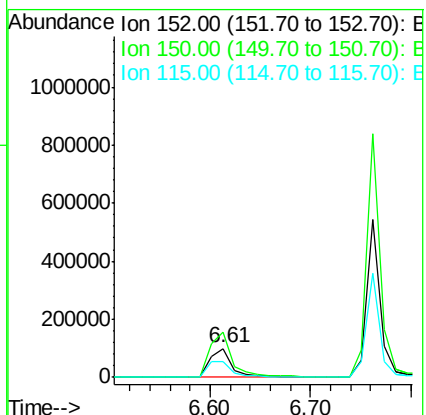
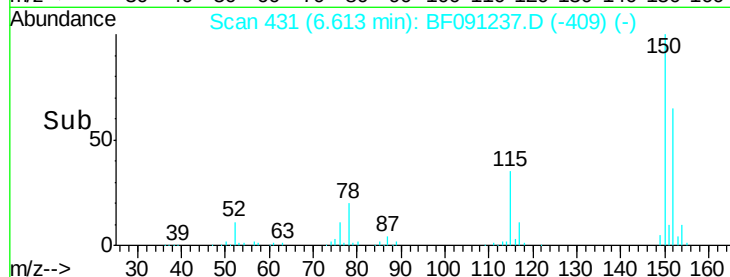
115 54.0 53.3 79.9



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: 136.94 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091237.D

Acq: 18 Nov 2016 17:11

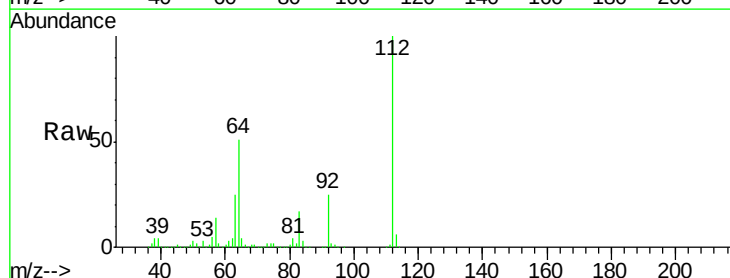
Tgt Ion:112 Resp: 1293906

Ion Ratio Lower Upper

112 100

64 50.8 55.8 83.6#

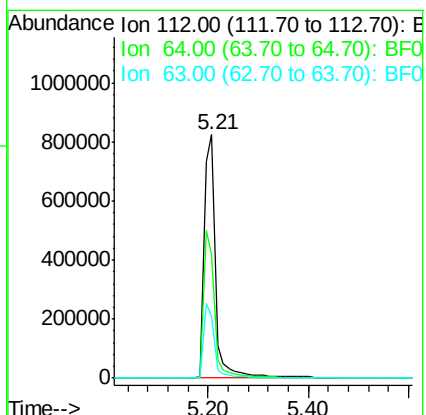
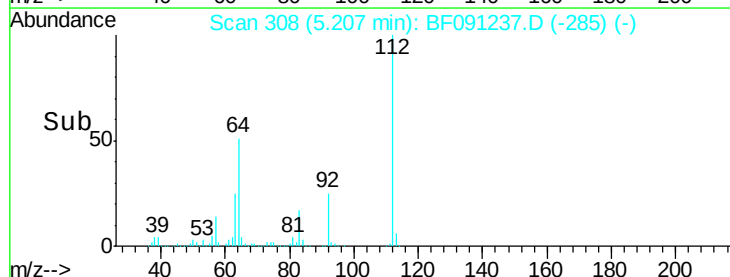
63 25.4 28.0 42.0#

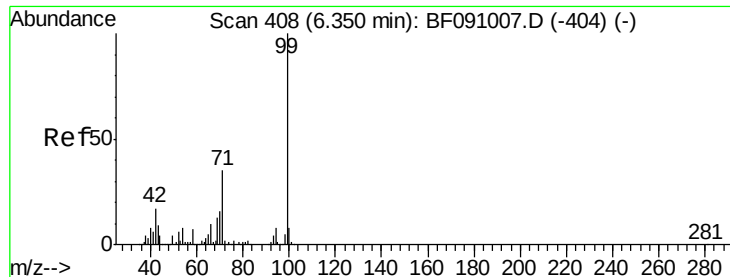


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.94 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091237.D

Acq: 18 Nov 2016 17:11

Instrument :

BNA_F

ClientSampleId :

PB94806BL

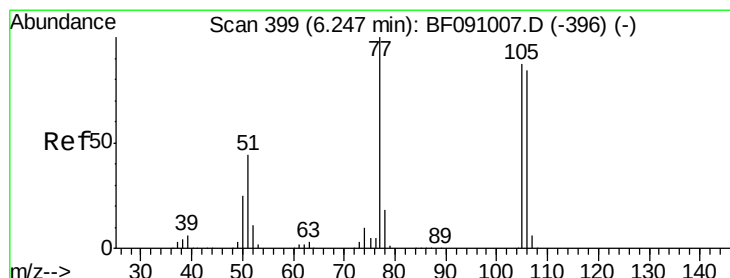
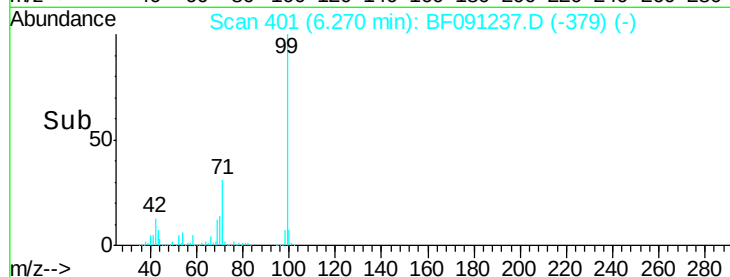
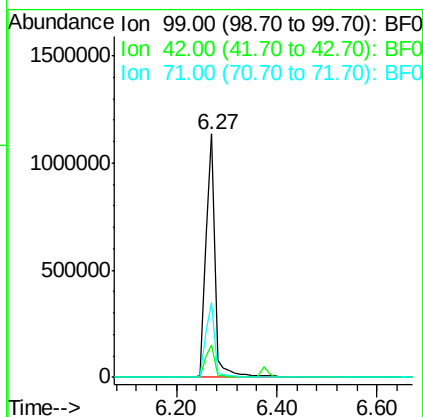
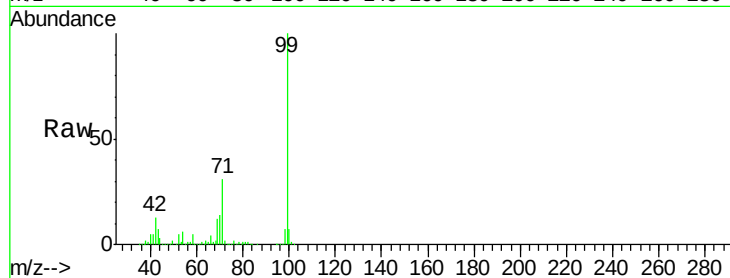
Tgt Ion: 99 Resp: 1435648

Ion Ratio Lower Upper

99 100

42 13.1 13.9 20.9#

71 30.9 27.8 41.8



#9

Benzaldehyde

Concen: 3.03 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.17 min

Lab File: BF091237.D

Acq: 18 Nov 2016 17:11

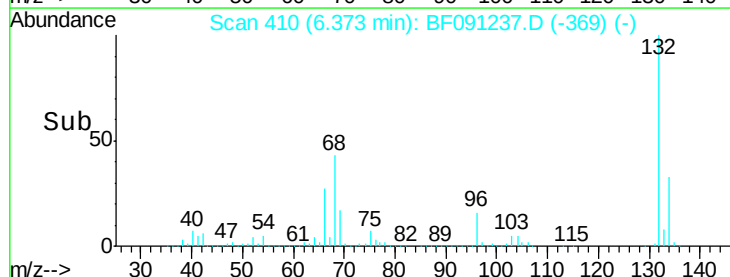
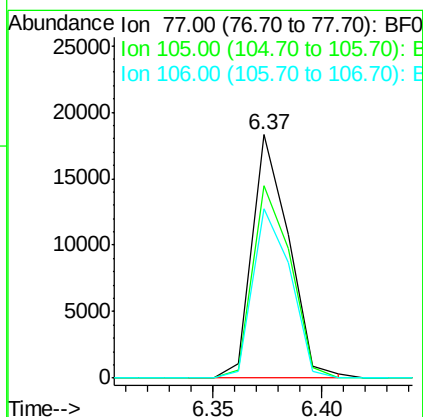
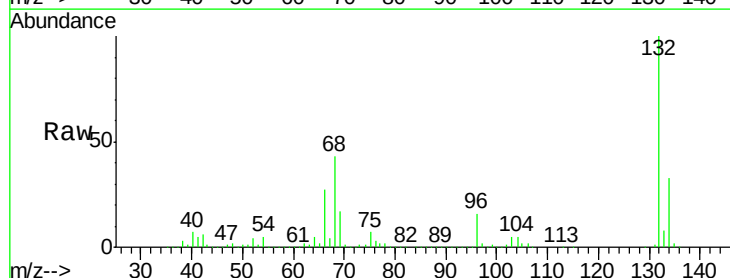
Tgt Ion: 77 Resp: 21561

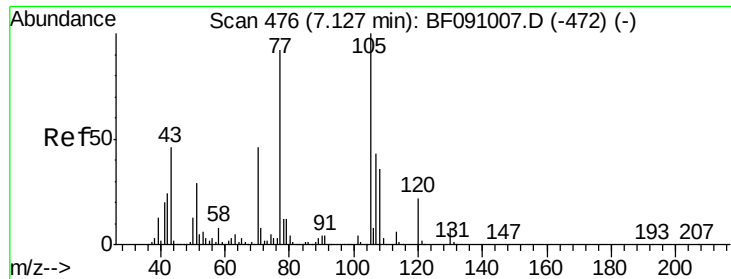
Ion Ratio Lower Upper

77 100

105 79.1 66.8 106.8

106 69.8 64.0 104.0

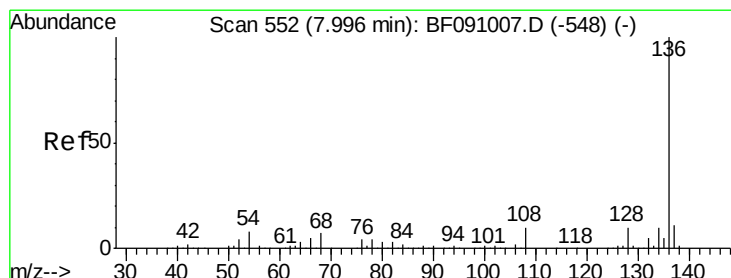
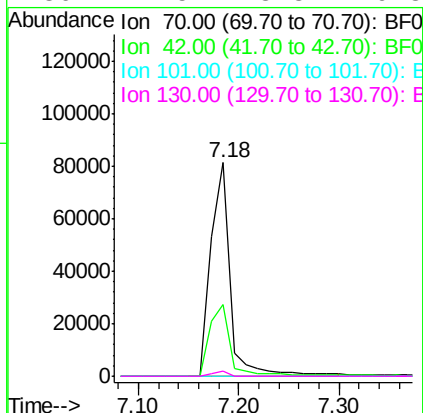
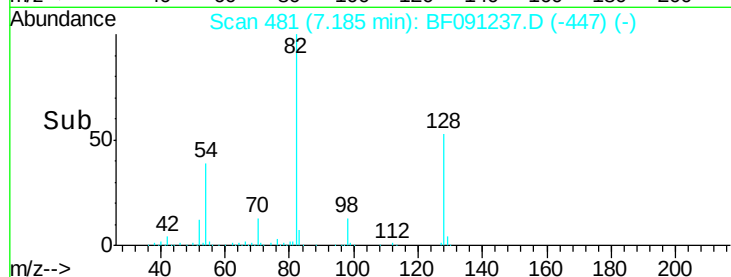
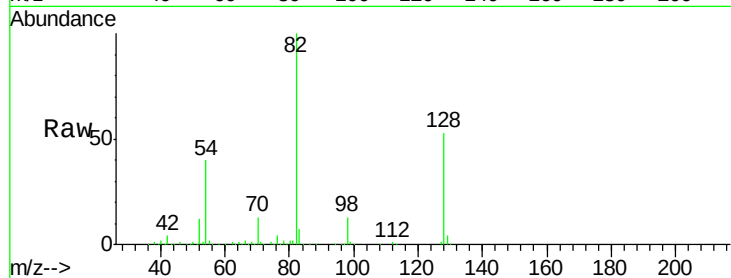




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.32 ng
 RT: 7.18 min Scan# 481
 Delta R.T. 0.09 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

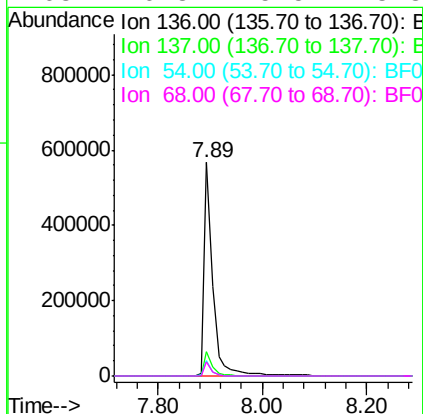
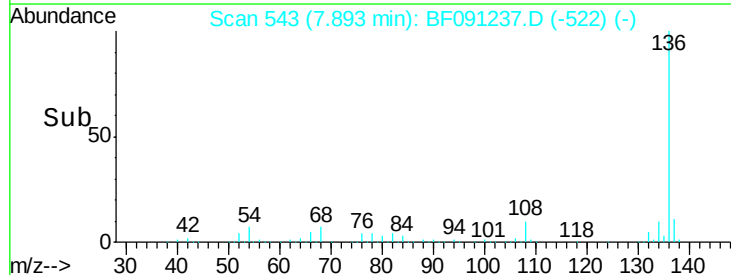
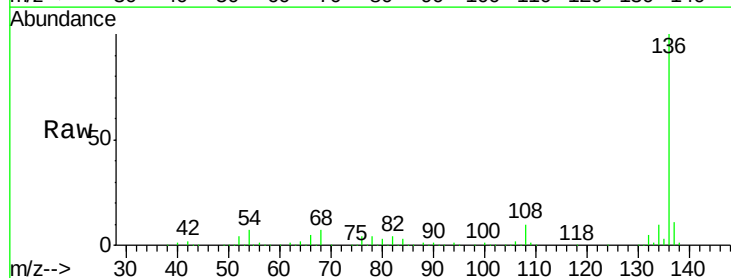
Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

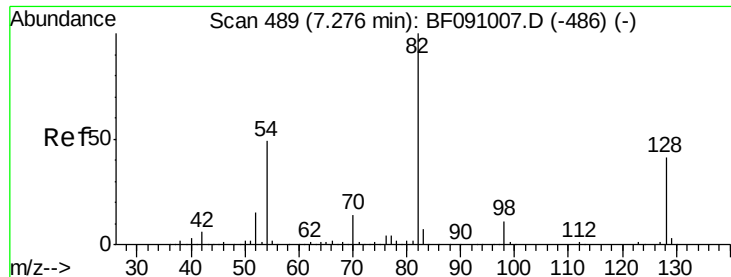
Tgt Ion: 70 Resp: 109525
 Ion Ratio Lower Upper
 70 100
 42 33.4 41.7 62.5#
 101 0.0 6.7 10.1#
 130 2.5 13.8 20.8#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.89 min Scan# 543
 Delta R.T. -0.06 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Tgt Ion: 136 Resp: 671956
 Ion Ratio Lower Upper
 136 100
 137 11.5 8.9 13.3
 54 7.5 6.2 9.2
 68 6.8 5.5 8.3

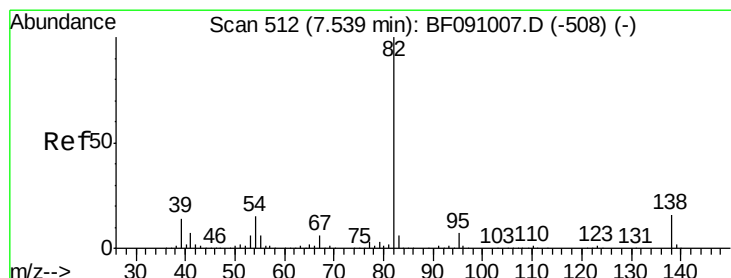
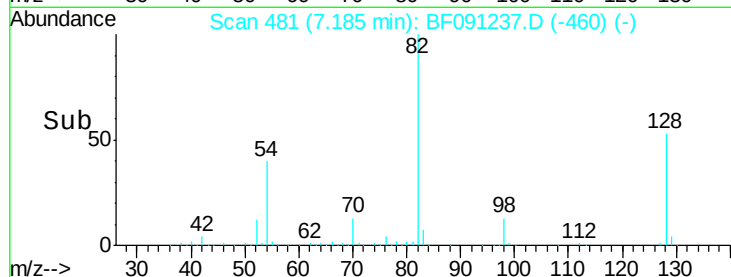
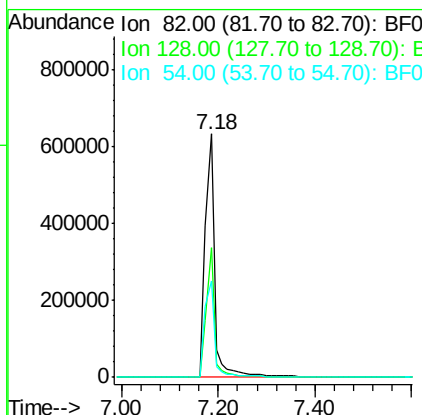
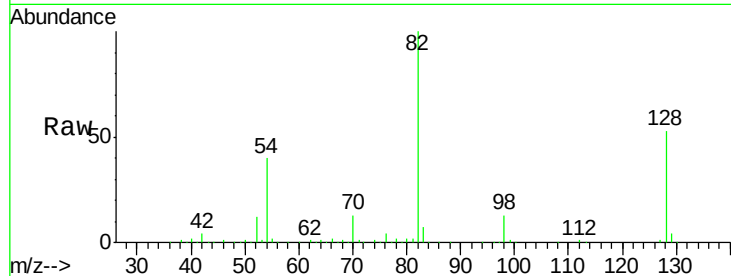




#23
 Nitrobenzene-d5
 Concen: 70.21 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.06 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

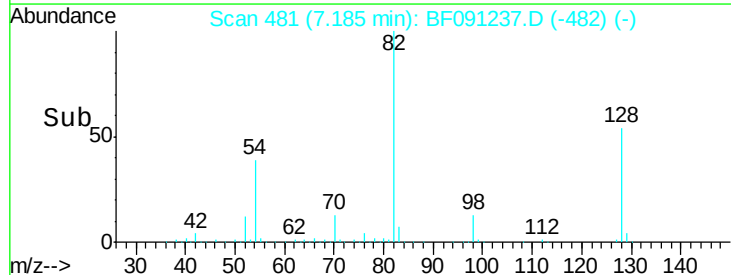
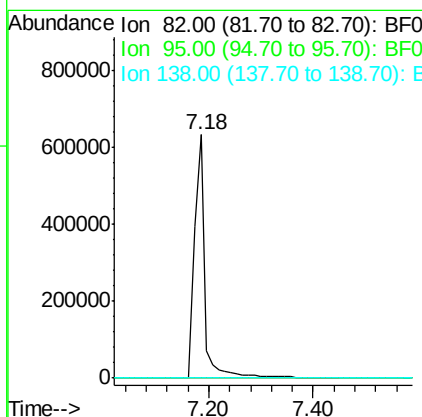
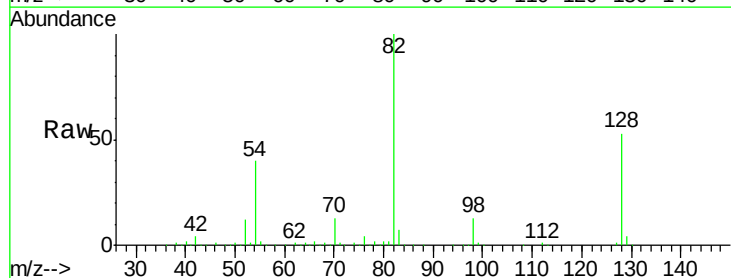
Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

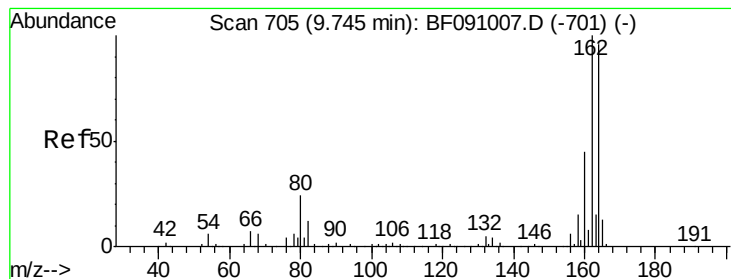
Tgt Ion: 82 Resp: 864790
 Ion Ratio Lower Upper
 82 100
 128 53.1 32.4 48.6#
 54 39.5 39.2 58.8



#25
 Isophorone
 Concen: 36.02 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.31 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Tgt Ion: 82 Resp: 854869
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.06 min

Lab File: BF091237.D

Acq: 18 Nov 2016 17:11

Instrument :

BNA_F

ClientSampleId :

PB94806BL

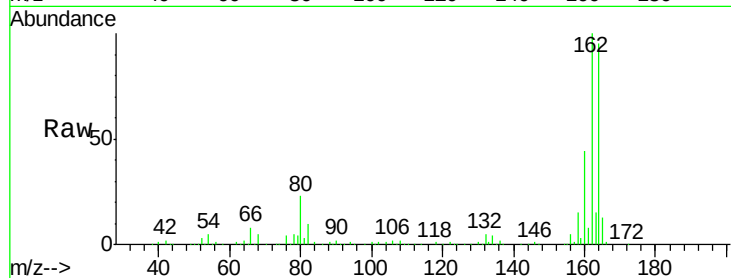
Tgt Ion:164 Resp: 352727

Ion Ratio Lower Upper

164 100

162 105.6 83.6 125.4

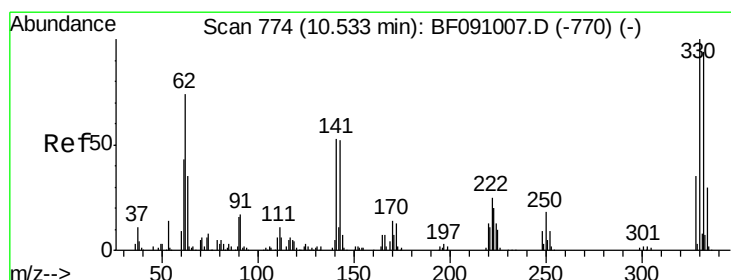
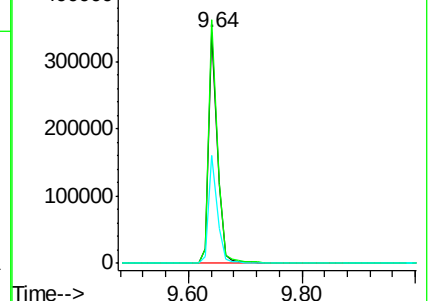
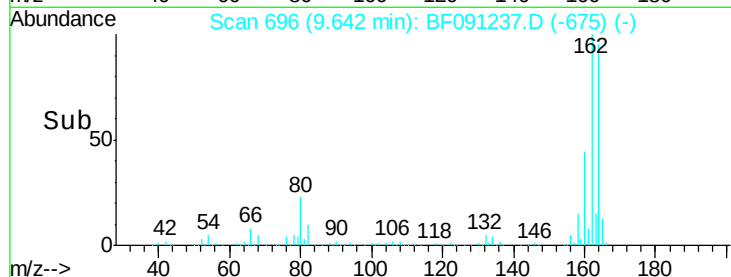
160 46.9 37.9 56.9



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: 149.52 ng

RT: 10.44 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF091237.D

Acq: 18 Nov 2016 17:11

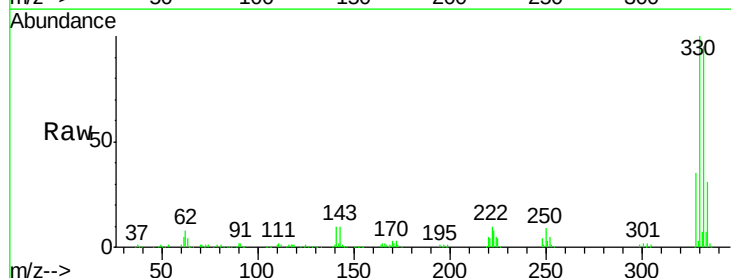
Tgt Ion:330 Resp: 476792

Ion Ratio Lower Upper

330 100

332 94.7 75.9 113.9

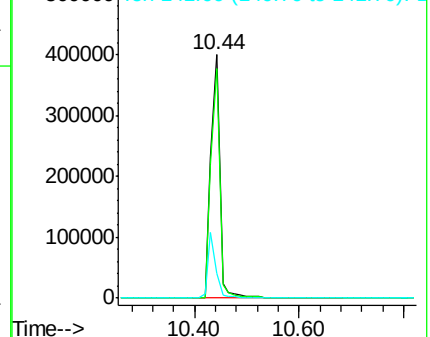
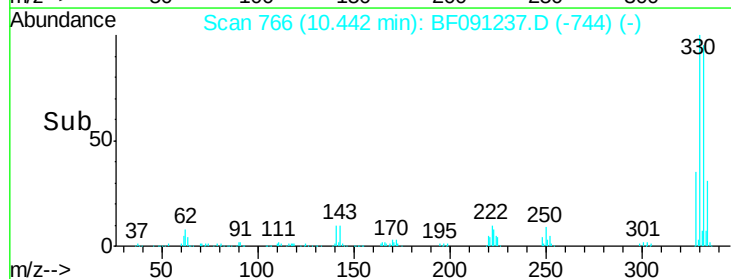
141 24.7 36.1 54.1#

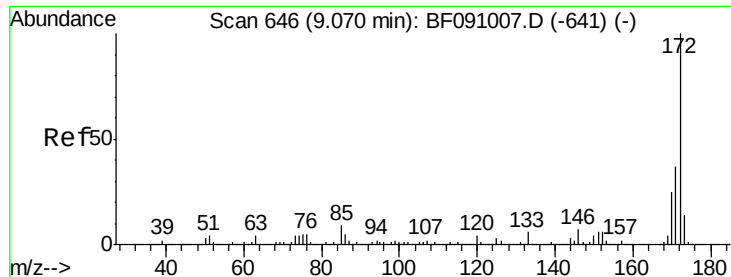


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

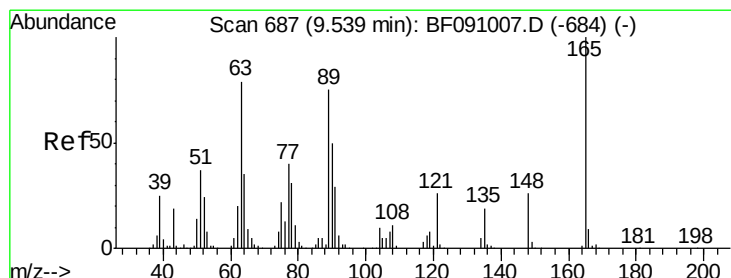
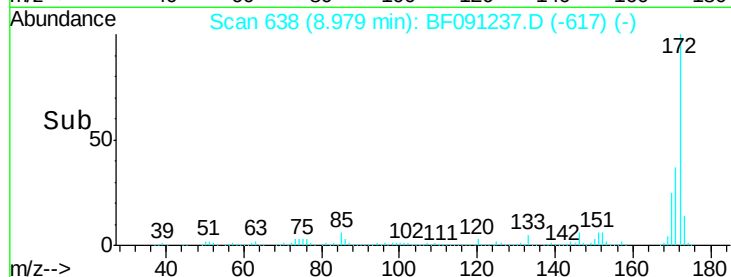
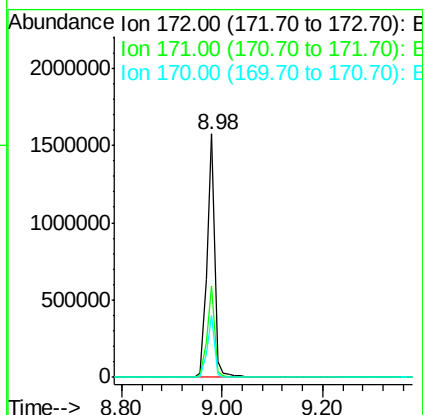
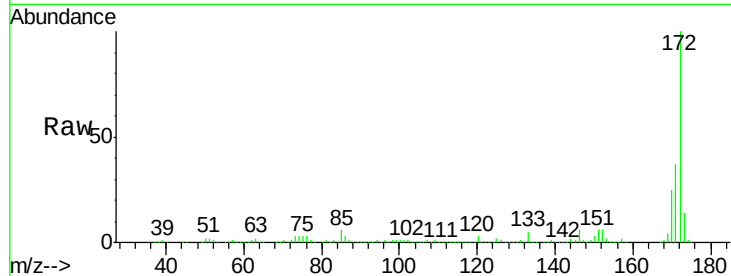




#44
 2-Fluorobiphenyl
 Concen: 82.09 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.06 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

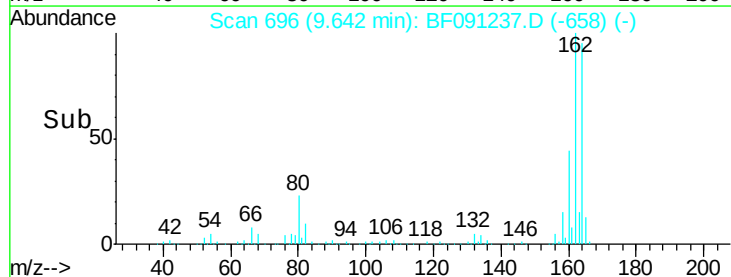
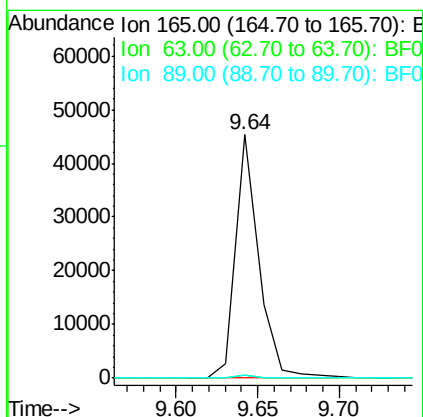
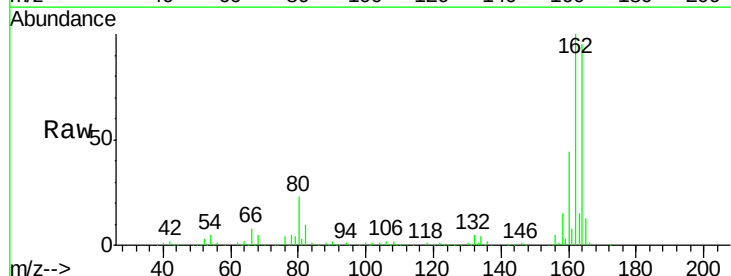
Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

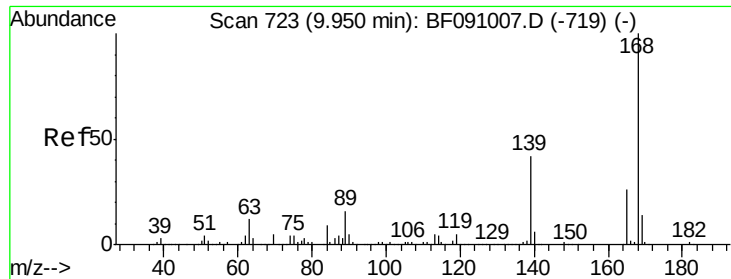
Tgt Ion:172 Resp: 1681882
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.2 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.64 min Scan# 696
 Delta R.T. 0.14 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Tgt Ion:165 Resp: 44552
 Ion Ratio Lower Upper
 165 100
 63 1.0 65.6 98.4#
 89 1.1 59.8 89.6#

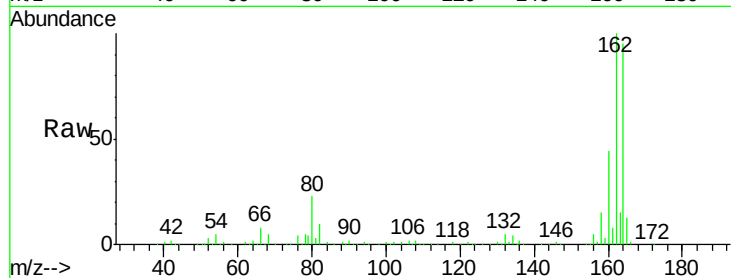




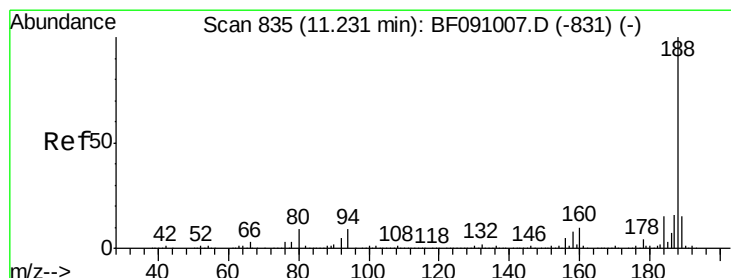
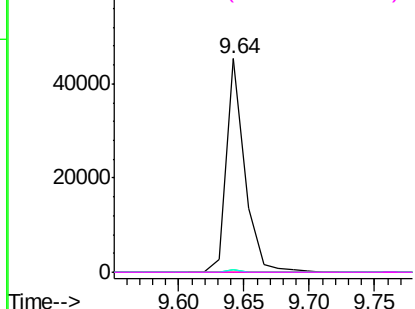
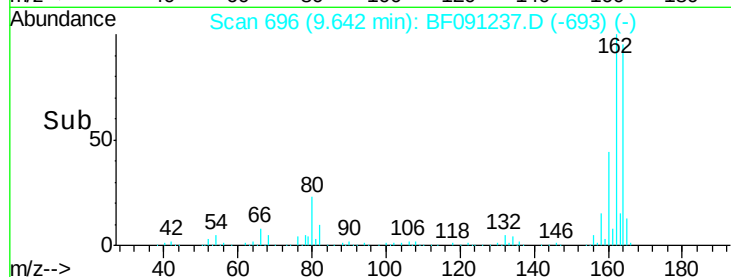
#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.64 min Scan# 696
 Delta R.T. -0.26 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

Tgt Ion:165 Resp: 44556
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 1.1 50.6 76.0#
 182 0.0 1.8 2.8#

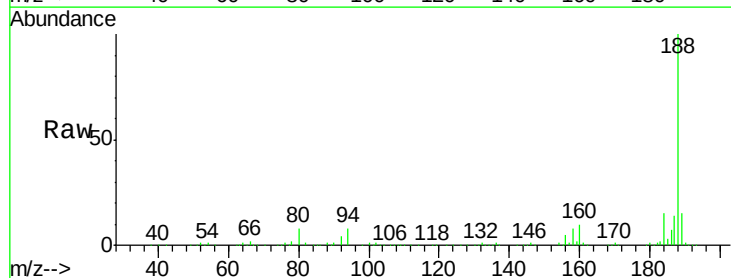


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

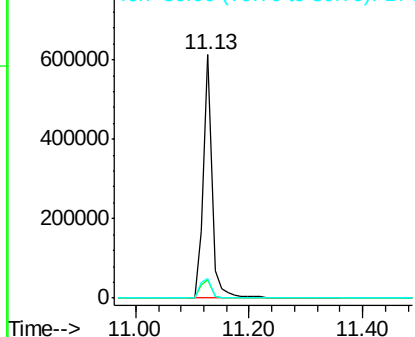
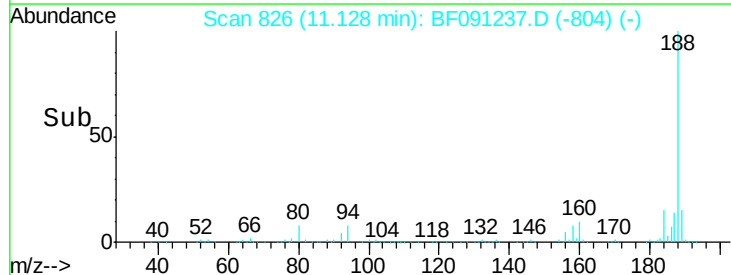


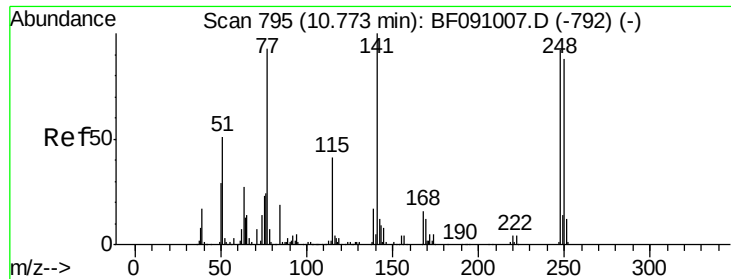
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Tgt Ion:188 Resp: 636330
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.4
 80 8.2 7.5 11.3



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

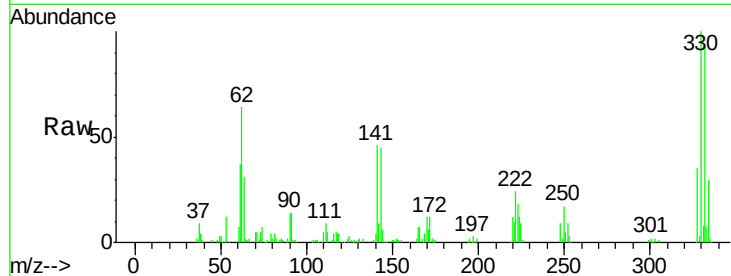




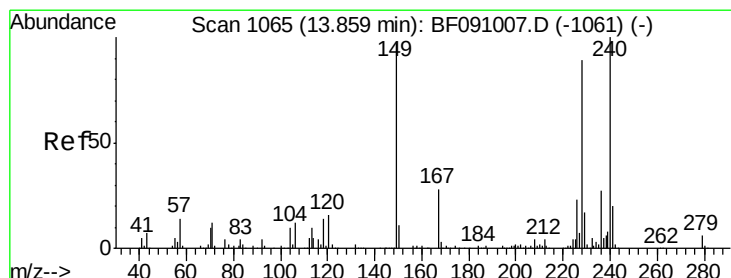
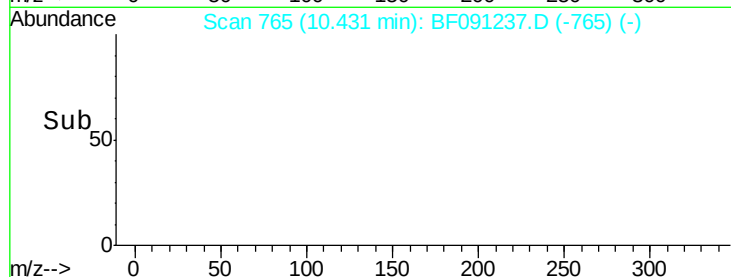
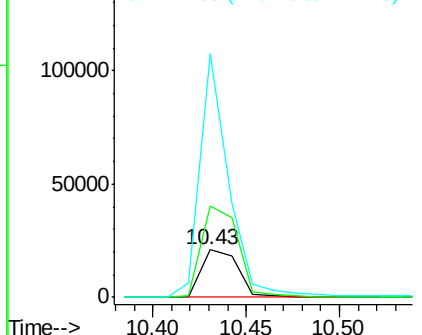
#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.43 min Scan# 765
 Delta R.T. -0.30 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

Tgt Ion:248 Resp: 28282
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.3 114.5#
 141 515.0 86.8 130.2#

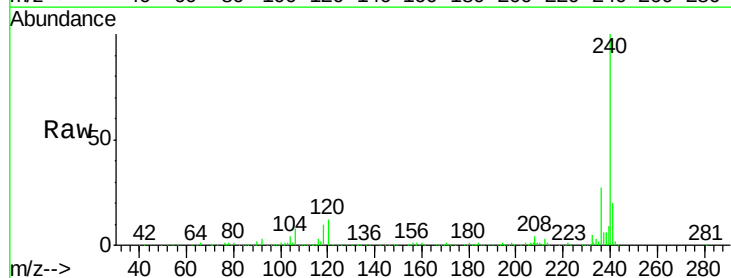


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

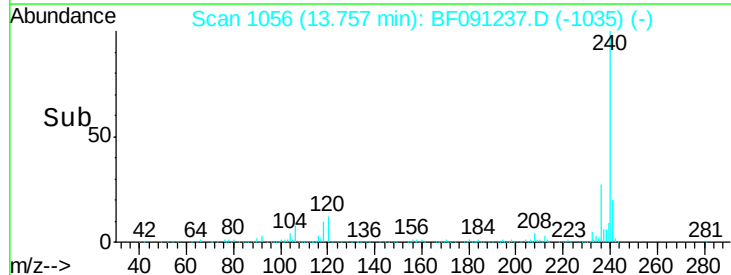
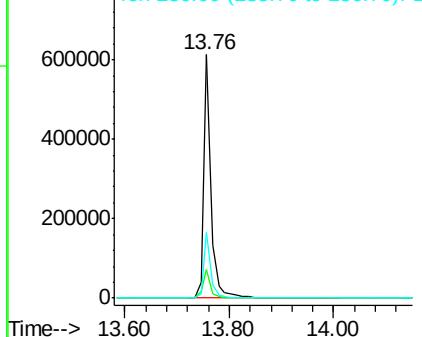


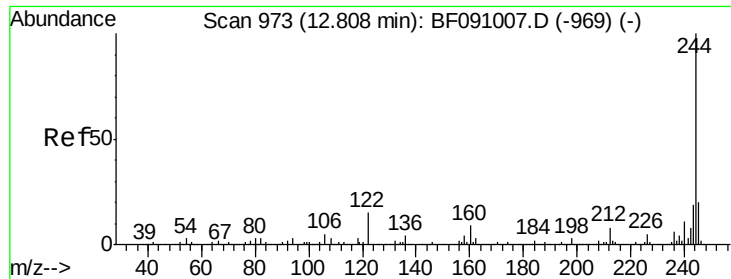
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1056
 Delta R.T. -0.06 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Tgt Ion:240 Resp: 600532
 Ion Ratio Lower Upper
 240 100
 120 11.9 12.9 19.3#
 236 27.0 21.9 32.9



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

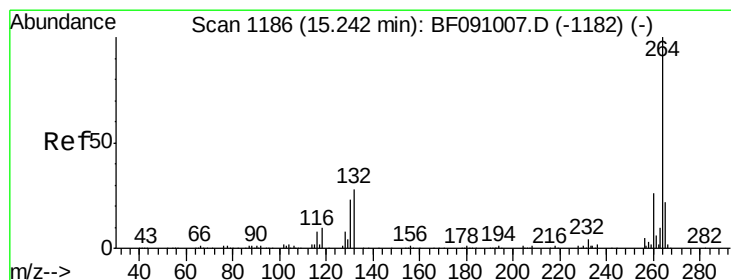
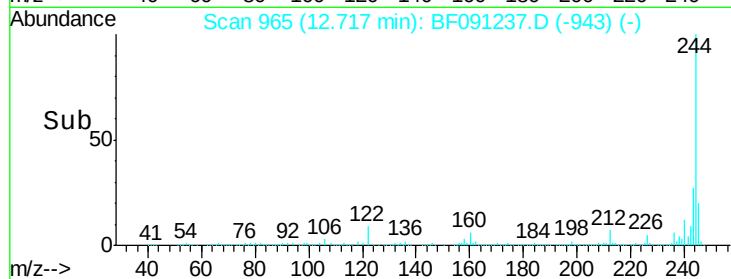
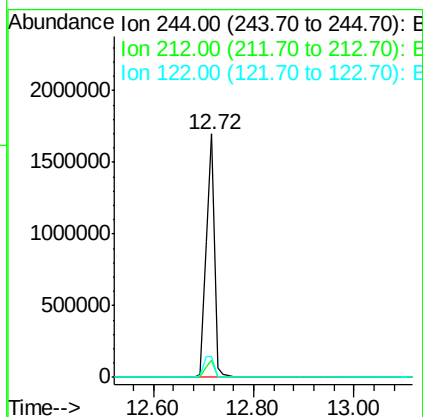
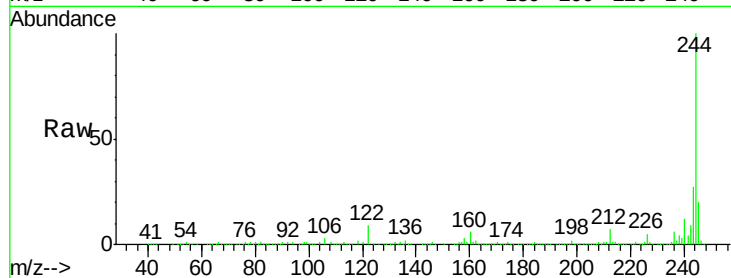




#78
 Terphenyl-d14
 Concen: 79.98 ng
 RT: 12.72 min Scan# 965
 Delta R.T. -0.05 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94806BL

Tgt Ion:244 Resp: 1924815
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.4 9.6
 122 8.8 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF091237.D
 Acq: 18 Nov 2016 17:11

Tgt Ion:264 Resp: 532614
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.6 30.8
 265 22.0 17.8 26.8

