

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091082.D
 Acq On : 8 Nov 2016 15:18
 Operator : UM/SJ
 Sample : PB94597BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BL

Quant Time: Nov 09 00:41:33 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

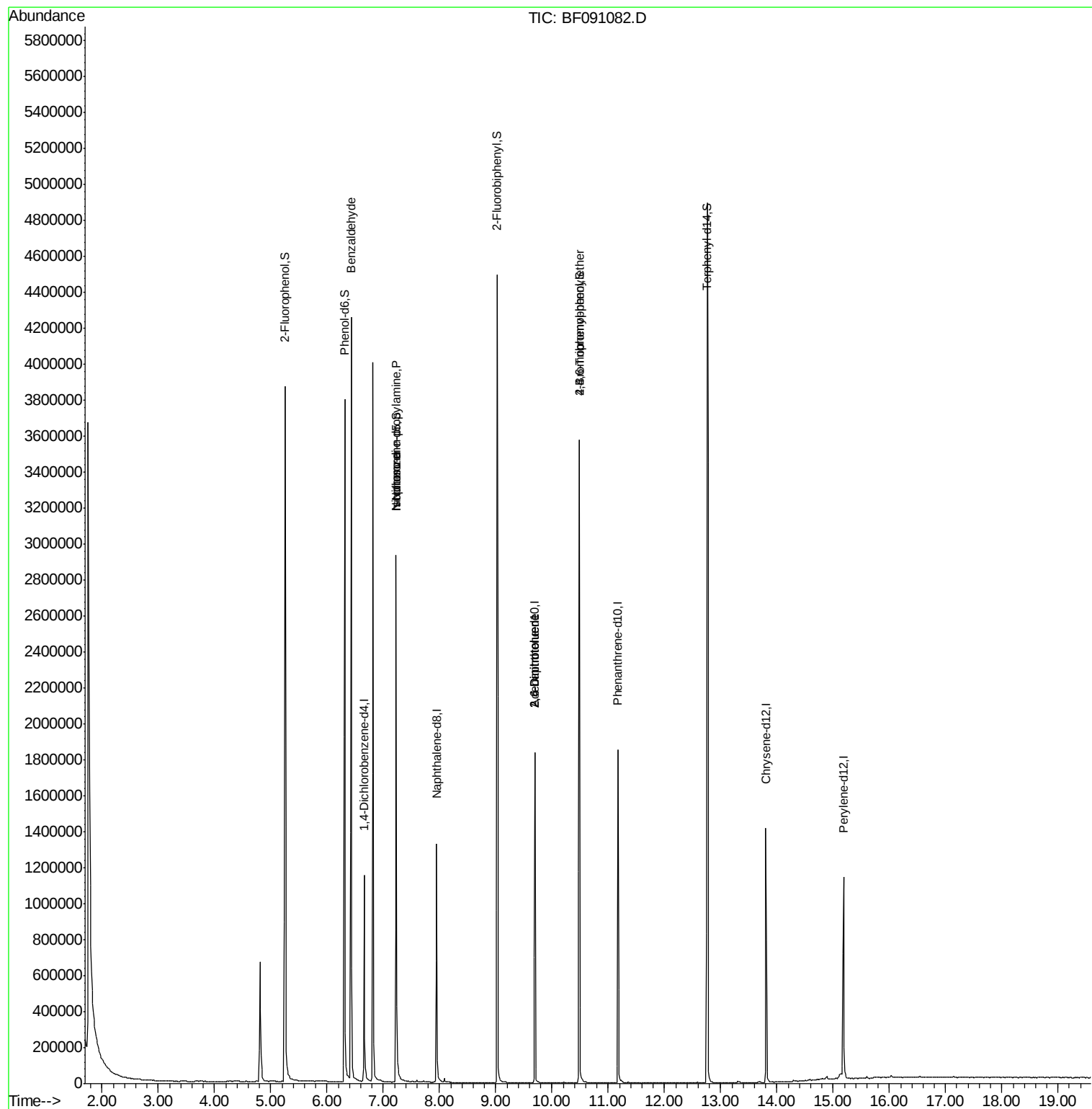
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	185427	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	769624	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	423237	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	687019	20.00	ng	0.00
75) Chrysene-d12	13.80	240	590991	20.00	ng	-0.01
86) Perylene-d12	15.19	264	512644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1338641	119.23	ng	0.01
7) Phenol-d6	6.32	99	1667531	109.42	ng	0.00
23) Nitrobenzene-d5	7.23	82	1146979	81.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	453036	118.40	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1880802	76.51	ng	-0.01
78) Terphenyl-d14	12.76	244	2194801	92.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	29482	3.49	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.23	70	157962	14.96	ng	# 78
25) Isophorone	7.23	82	908158	33.41	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	54257	9.12	ng	# 11
56) 2,4-Dinitrotoluene	9.70	165	54259	7.17	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	32138	4.50	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: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94597BL

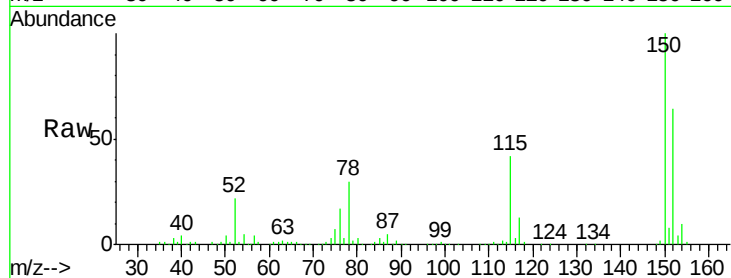
Tgt Ion:152 Resp: 185427

Ion Ratio Lower Upper

152 100

150 155.3 126.8 190.2

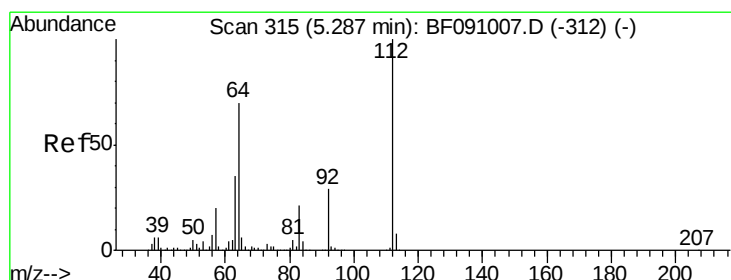
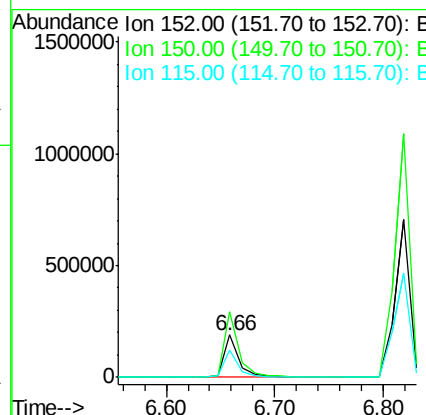
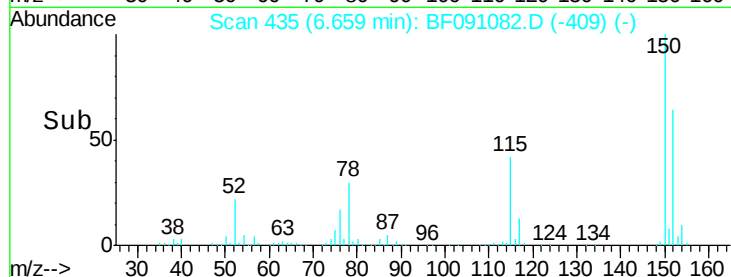
115 65.4 53.3 79.9



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: 119.23 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

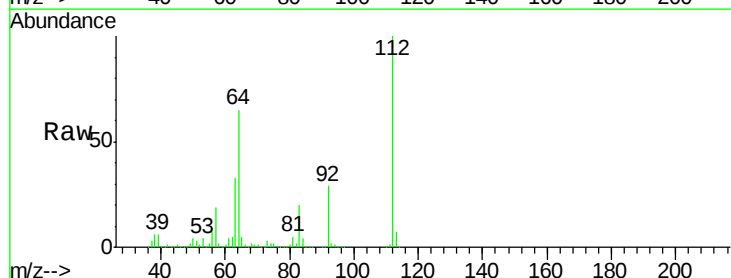
Tgt Ion:112 Resp: 1338641

Ion Ratio Lower Upper

112 100

64 65.2 55.8 83.6

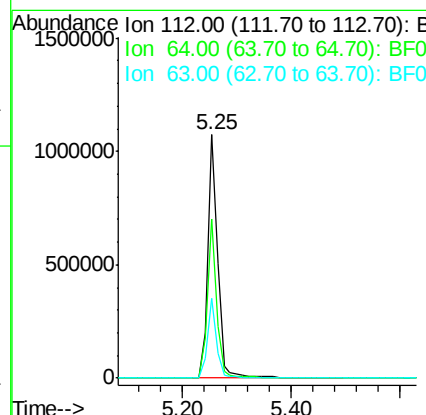
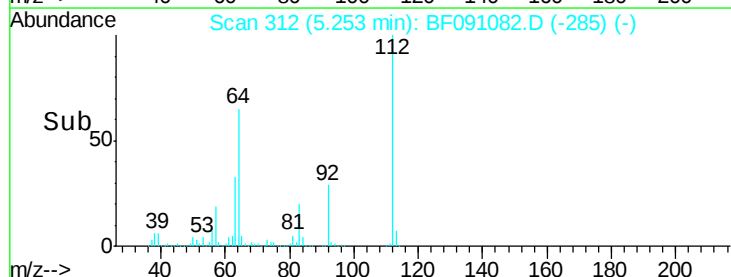
63 32.6 28.0 42.0



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: 109.42 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94597BL

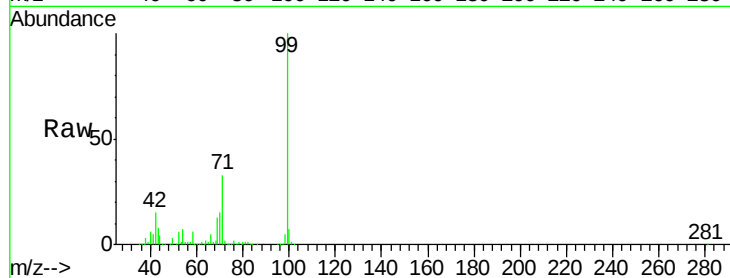
Tgt Ion: 99 Resp: 1667531

Ion Ratio Lower Upper

99 100

42 15.4 13.9 20.9

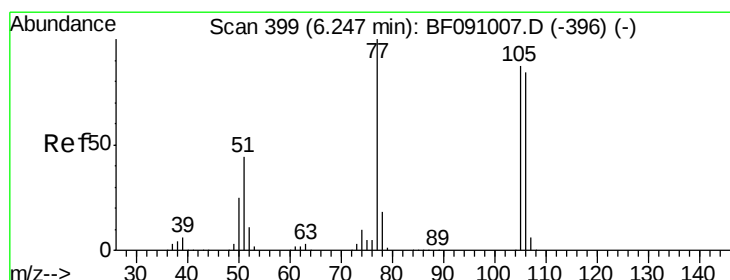
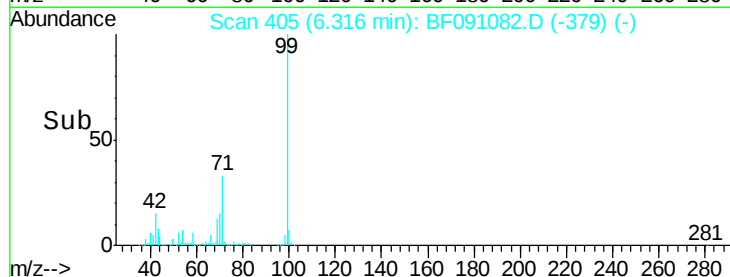
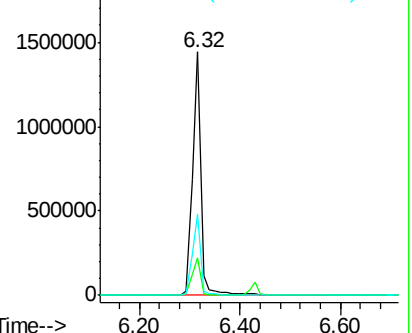
71 33.2 27.8 41.8



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: 3.49 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

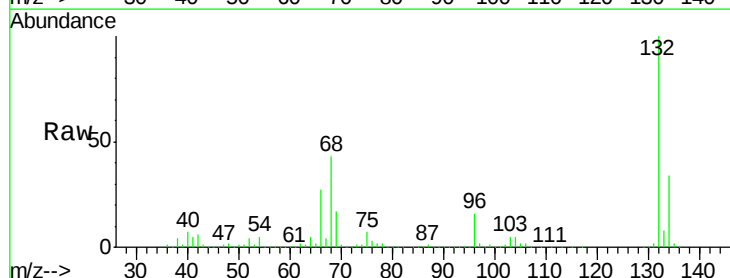
Tgt Ion: 77 Resp: 29482

Ion Ratio Lower Upper

77 100

105 78.5 66.8 106.8

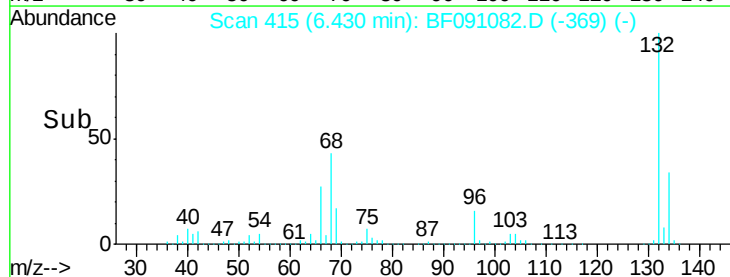
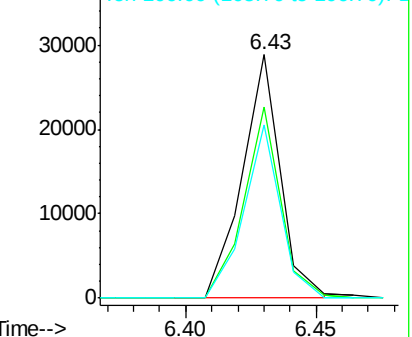
106 71.0 64.0 104.0

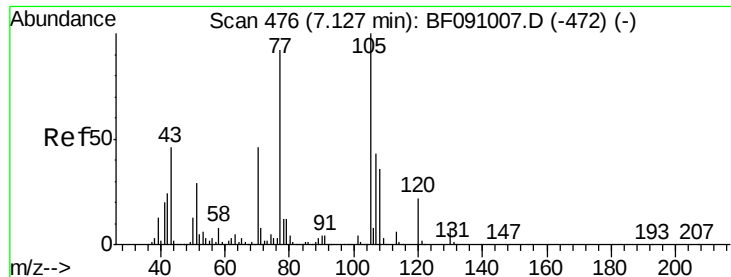


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

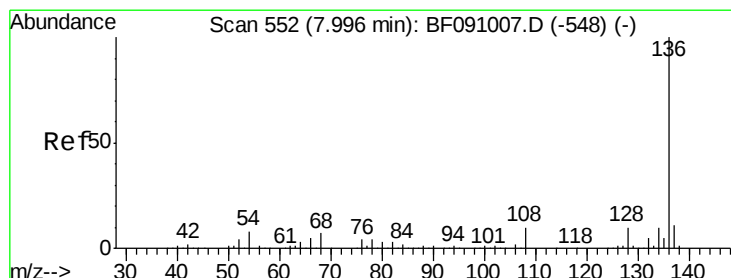
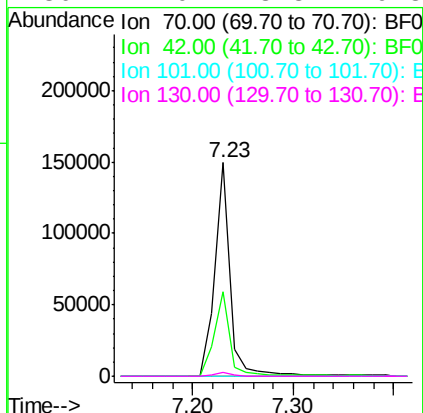
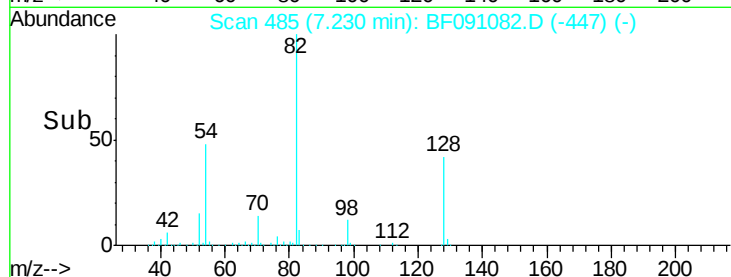
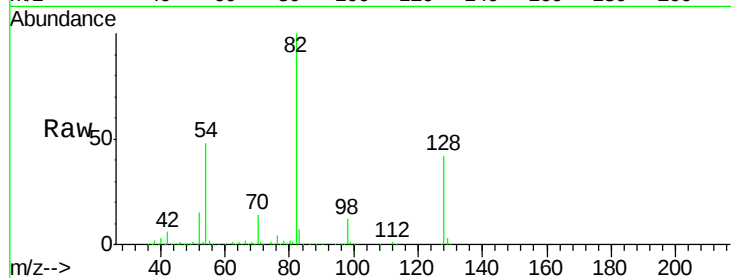




#19
n-Nitroso-di-n-propylamine
Concen: 14.96 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

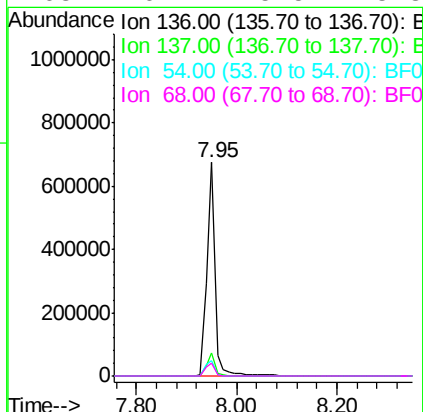
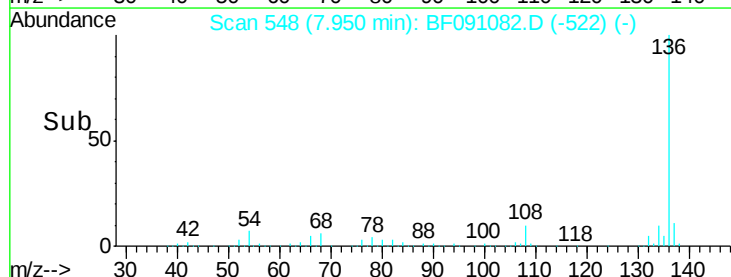
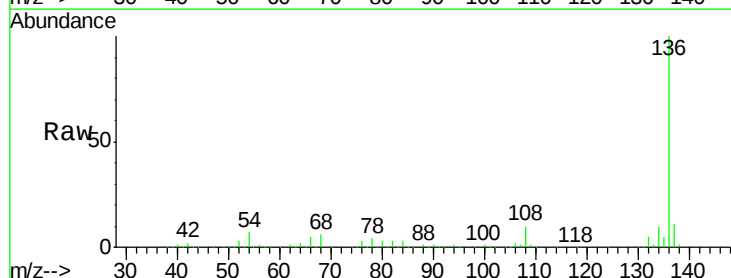
Instrument :
BNA_F
ClientSampleId :
PB94597BL

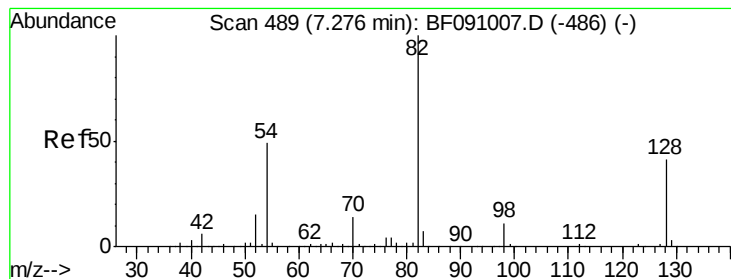
Tgt Ion: 70 Resp: 157962
Ion Ratio Lower Upper
70 100
42 39.8 41.7 62.5#
101 0.0 6.7 10.1#
130 2.0 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion: 136 Resp: 769624
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 6.2 9.2
68 6.2 5.5 8.3





#23

Nitrobenzene-d5

Concen: 81.30 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94597BL

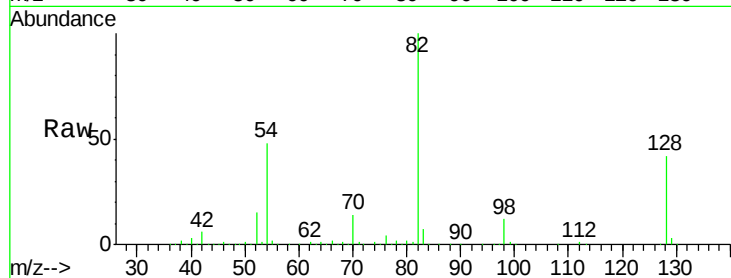
Tgt Ion: 82 Resp: 1146979

Ion Ratio Lower Upper

82 100

128 41.6 32.4 48.6

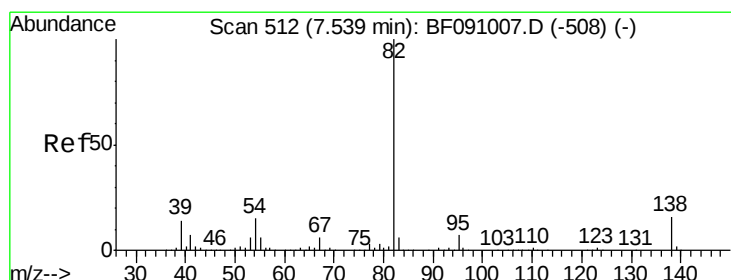
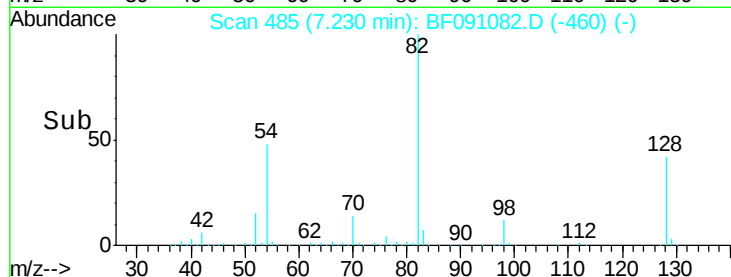
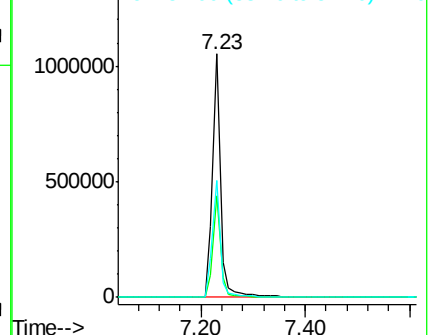
54 48.2 39.2 58.8



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: 33.41 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

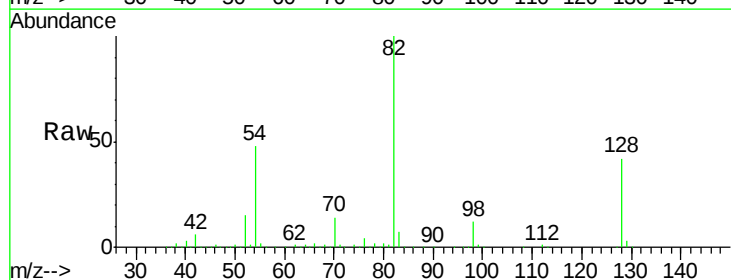
Tgt Ion: 82 Resp: 908158

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

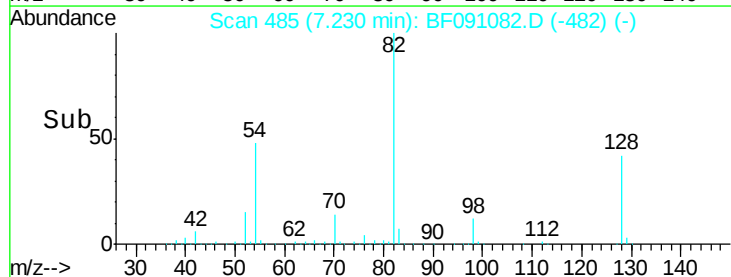
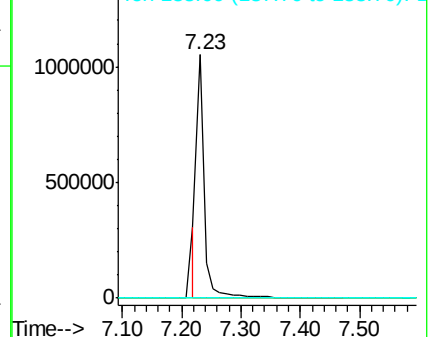
138 0.0 13.0 19.4#

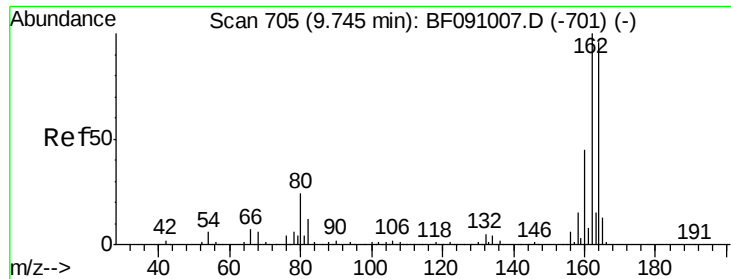


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94597BL

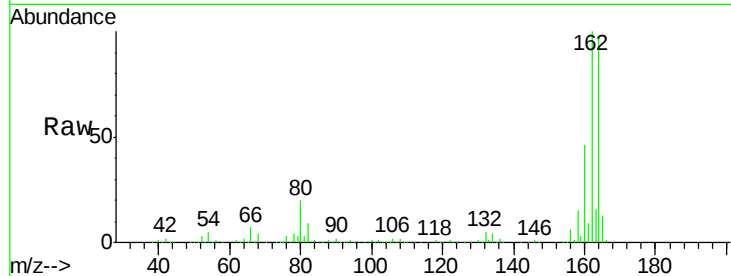
Tgt Ion:164 Resp: 423237

Ion Ratio Lower Upper

164 100

162 102.6 83.6 125.4

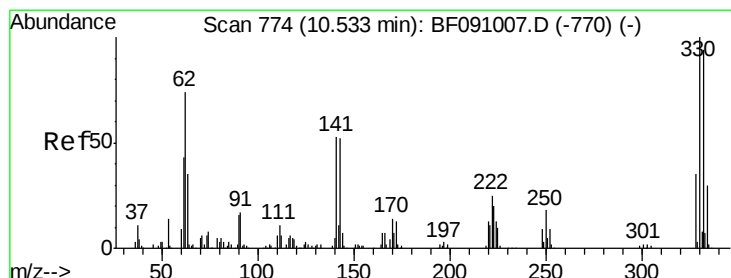
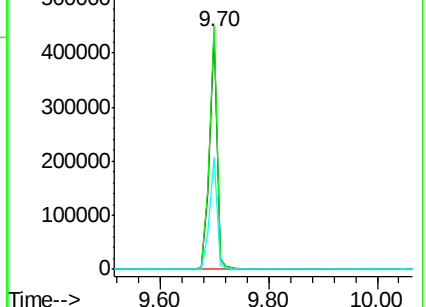
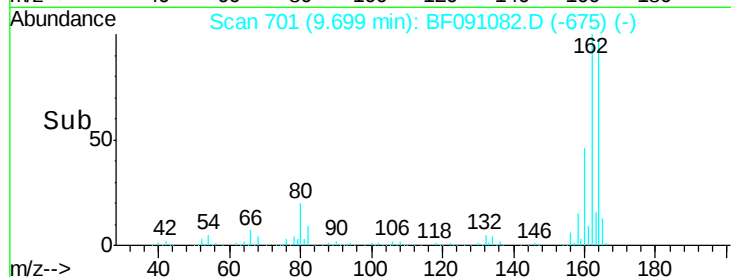
160 47.3 37.9 56.9



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: 118.40 ng

RT: 10.49 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

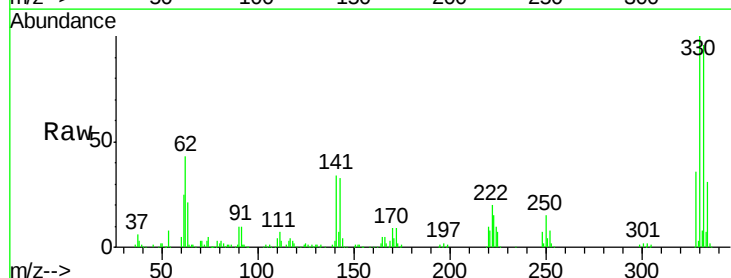
Tgt Ion:330 Resp: 453036

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

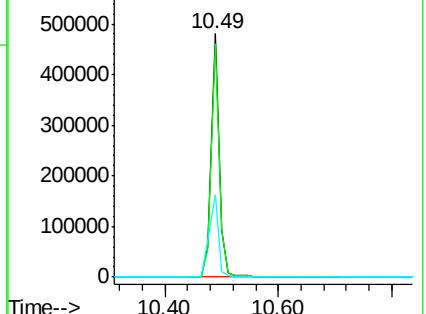
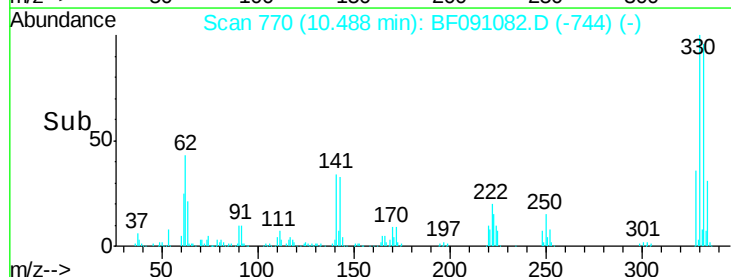
141 39.0 36.1 54.1

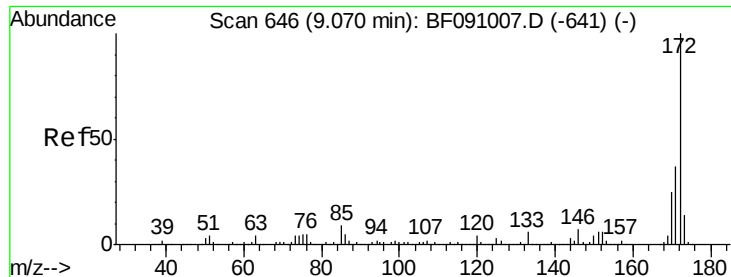


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

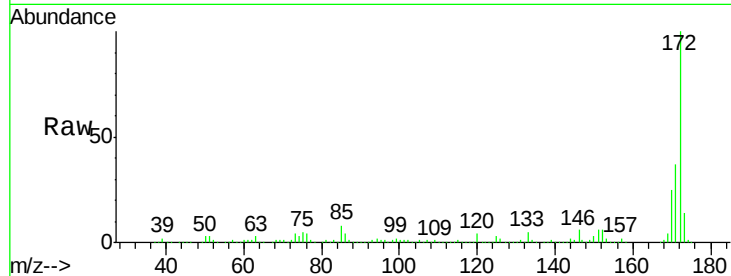




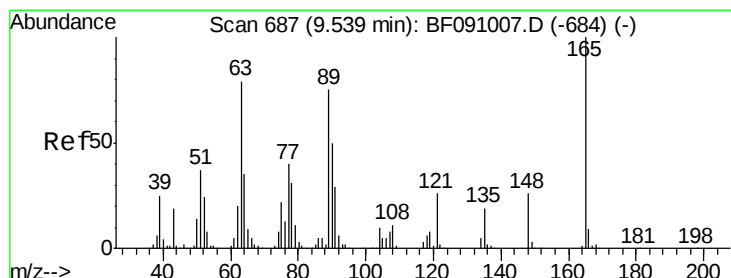
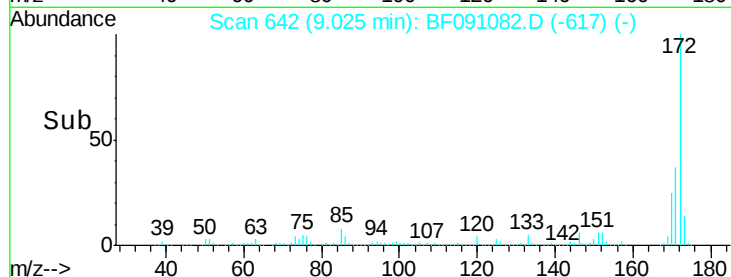
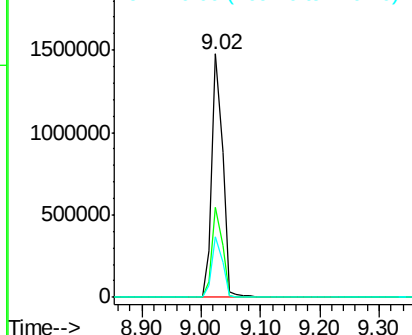
#44
2-Fluorobiphenyl
Concen: 76.51 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94597BL

Tgt Ion:172 Resp: 1880802
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.8 20.3 30.5

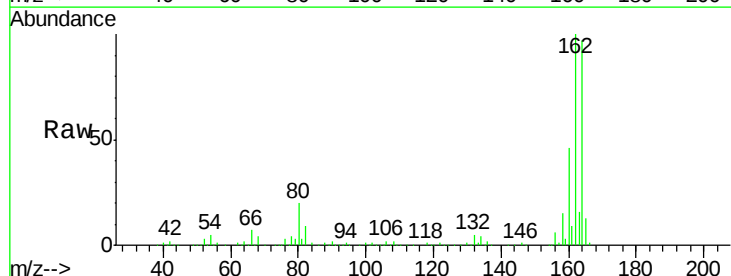


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

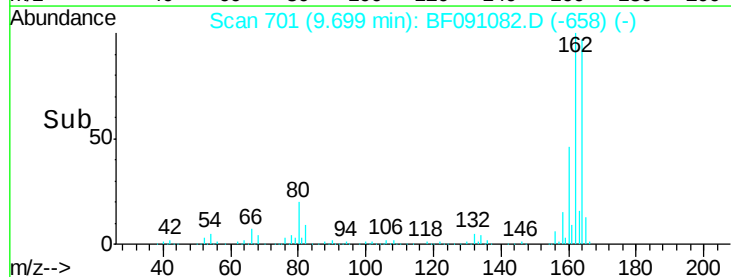
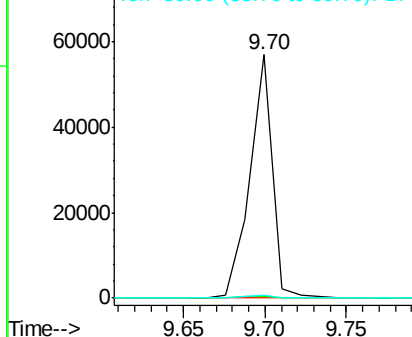


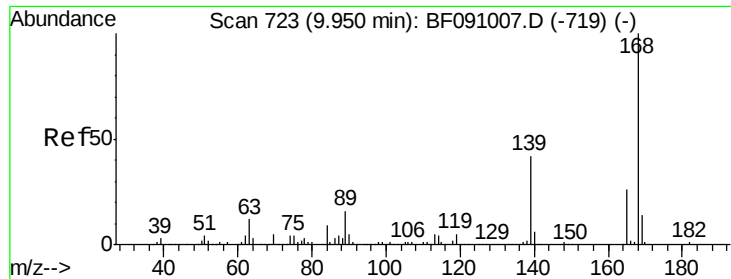
#50
2,6-Dinitrotoluene
Concen: 9.12 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091082.D
Acq: 8 Nov 2016 15:18

Tgt Ion:165 Resp: 54257
Ion Ratio Lower Upper
165 100
63 0.9 65.6 98.4#
89 1.0 59.8 89.6#



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

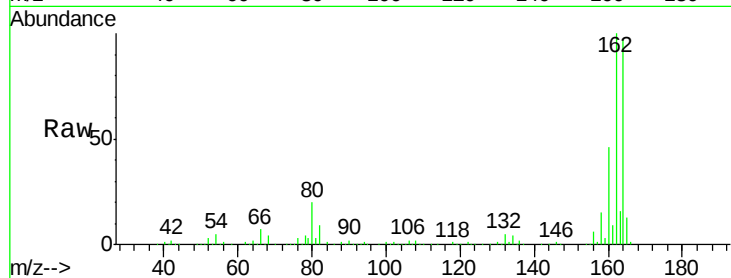




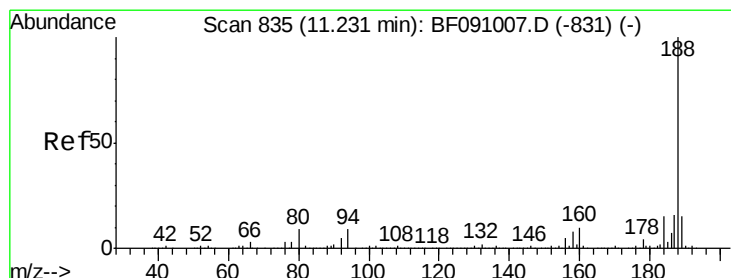
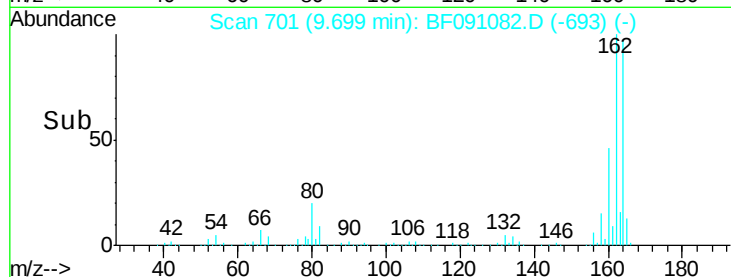
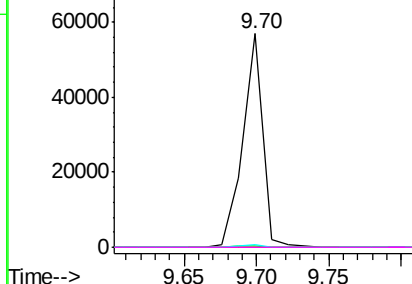
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.21 min
 Lab File: BF091082.D
 Acq: 8 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BL

Tgt Ion:165 Resp: 54259
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.7 58.1#
 89 1.0 50.6 76.0#
 182 0.0 1.8 2.8#

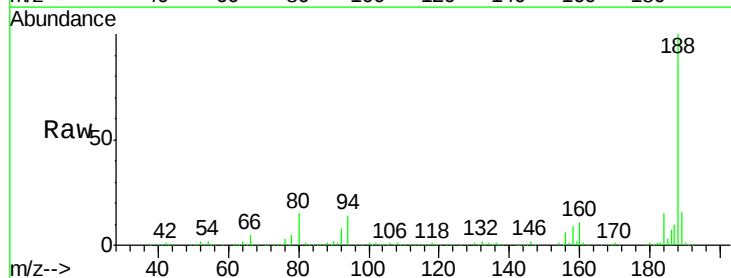


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

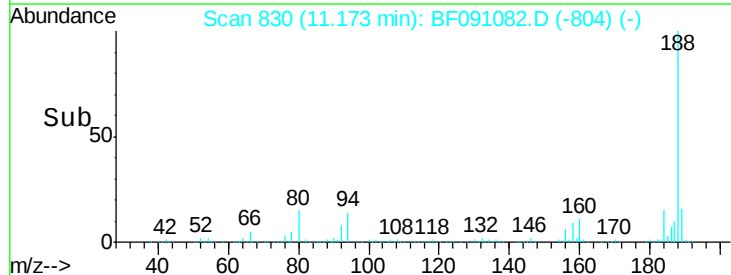
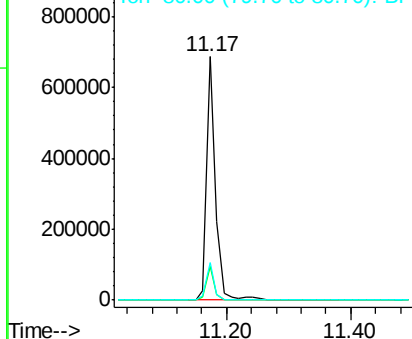


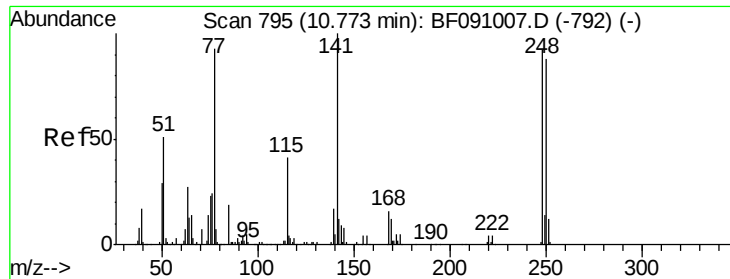
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091082.D
 Acq: 8 Nov 2016 15:18

Tgt Ion:188 Resp: 687019
 Ion Ratio Lower Upper
 188 100
 94 13.6 7.0 10.4#
 80 15.5 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: 4.50 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.24 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94597BL

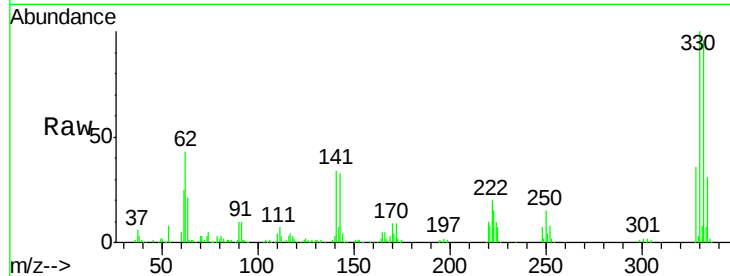
Tgt Ion:248 Resp: 32138

Ion Ratio Lower Upper

248 100

250 203.0 76.3 114.5#

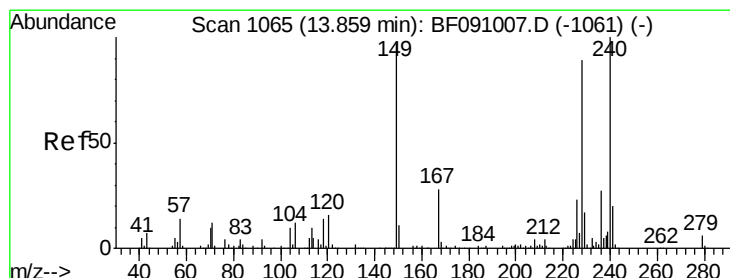
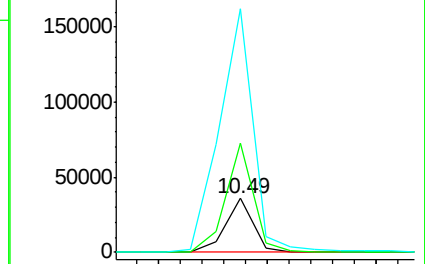
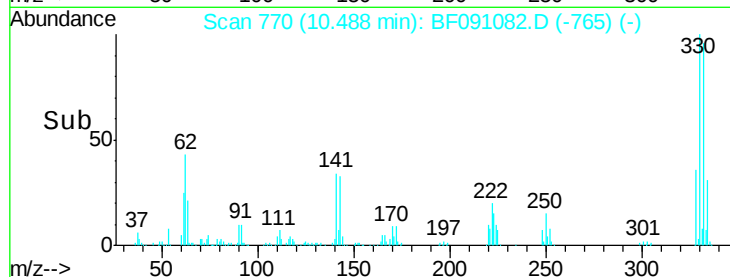
141 452.2 86.8 130.2#



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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091082.D

Acq: 8 Nov 2016 15:18

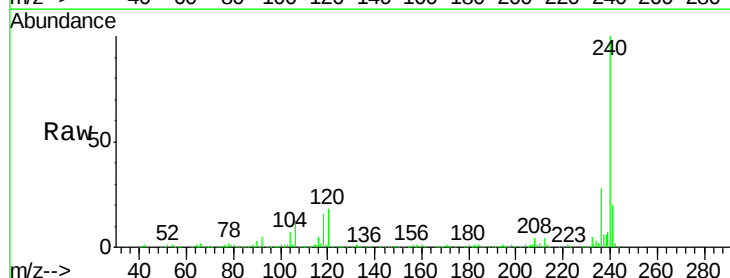
Tgt Ion:240 Resp: 590991

Ion Ratio Lower Upper

240 100

120 18.4 12.9 19.3

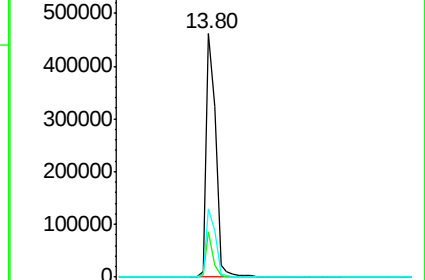
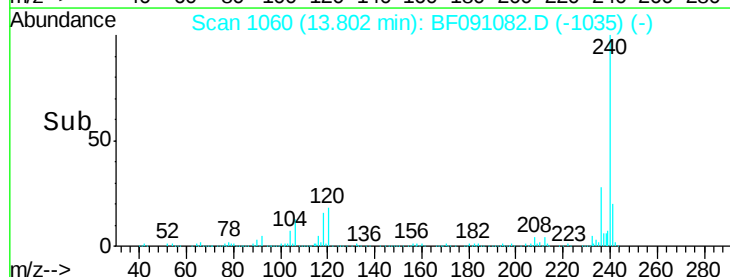
236 27.9 21.9 32.9

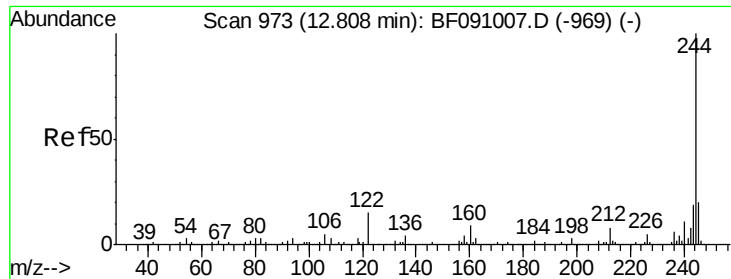


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

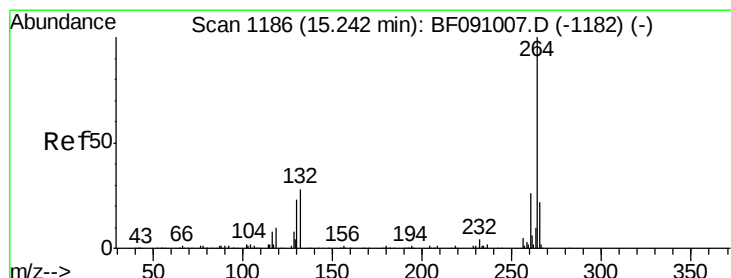
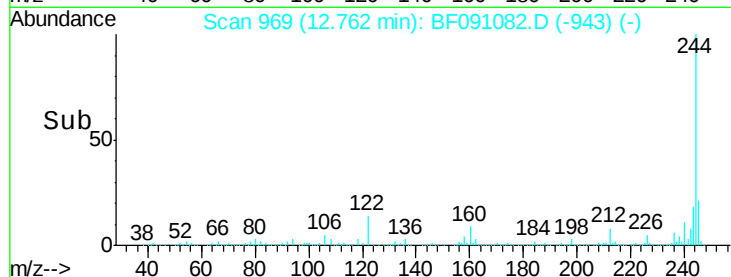
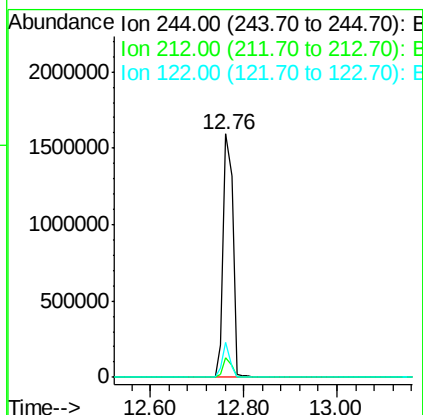
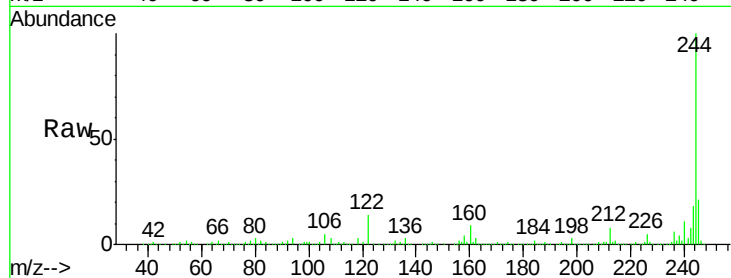




#78
 Terphenyl-d14
 Concen: 92.67 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091082.D
 Acq: 8 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94597BL

Tgt Ion:244 Resp: 2194801
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 14.3 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF091082.D
 Acq: 8 Nov 2016 15:18

Tgt Ion:264 Resp: 512644
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 21.7 17.8 26.8

