

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091124.D
 Acq On : 9 Nov 2016 15:18
 Operator : UM/SJ
 Sample : PB94612BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

Quant Time: Nov 09 22:41:07 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

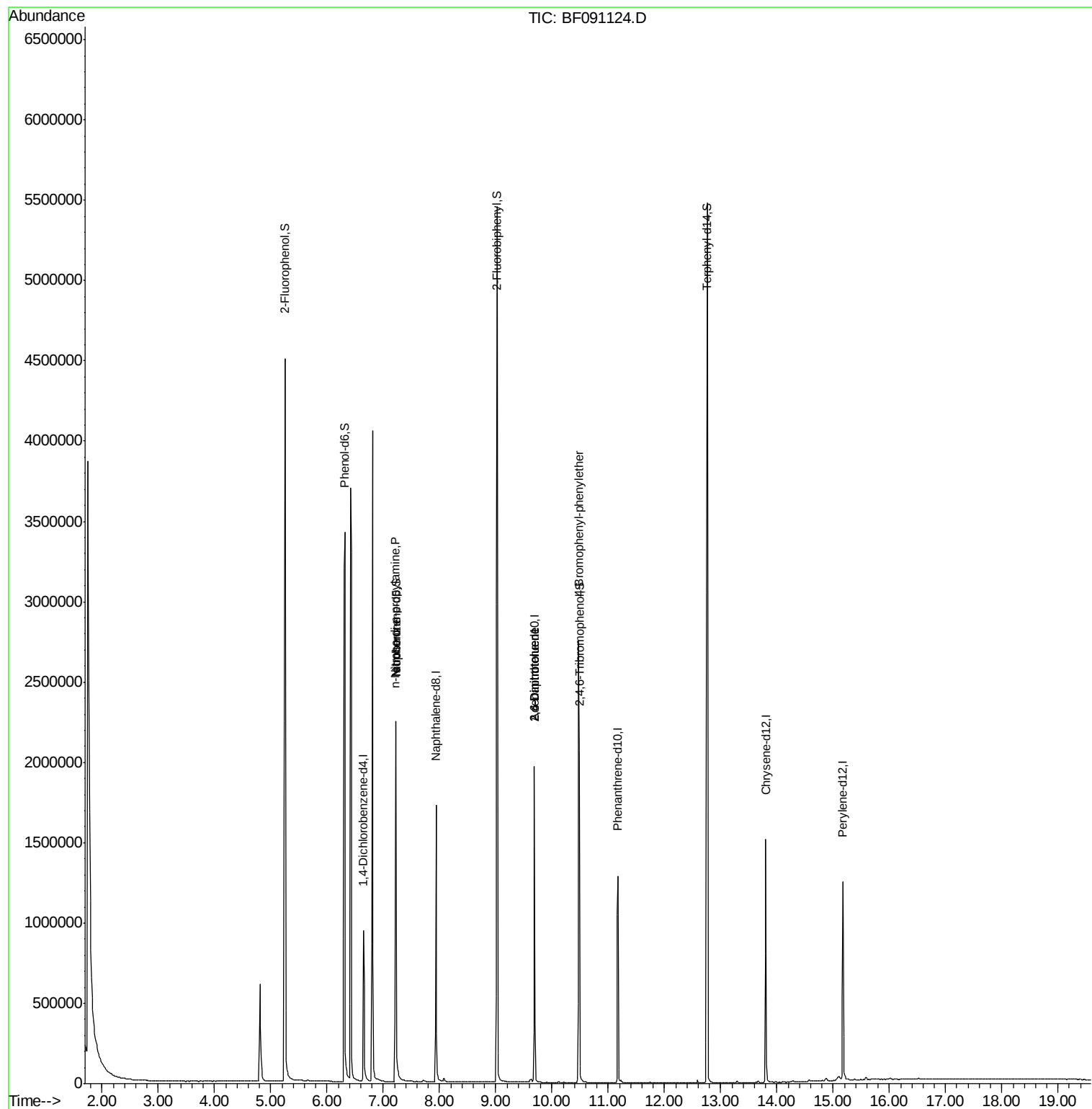
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	190424	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	816310	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	415879	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	689064	20.00	ng	0.00
75) Chrysene-d12	13.80	240	632701	20.00	ng	-0.01
86) Perylene-d12	15.17	264	512586	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1475301	127.95	ng	0.01
7) Phenol-d6	6.32	99	2078750	132.83	ng	0.00
23) Nitrobenzene-d5	7.23	82	1311254	87.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	541143	143.93	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2090448	86.54	ng	-0.01
78) Terphenyl-d14	12.76	244	2103521	82.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	179504	16.55	ng	# 79
25) Isophorone	7.23	82	1196418	41.49	ng	# 67
50) 2,6-Dinitrotoluene	9.69	165	54094	9.26	ng	# 11
56) 2,4-Dinitrotoluene	9.69	165	54096	7.28	ng	# 26
66) 4-Bromophenyl-phenylether	10.48	248	34392	4.80	ng	# 1

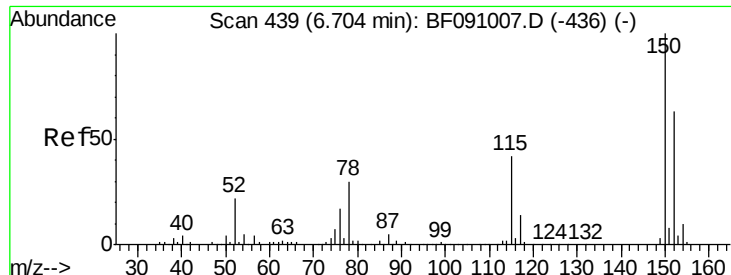
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
Data File : BF091124.D
Acq On : 9 Nov 2016 15:18
Operator : UM/SJ
Sample : PB94612BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94612BL

Quant Time: Nov 09 22:41:07 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: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94612BL

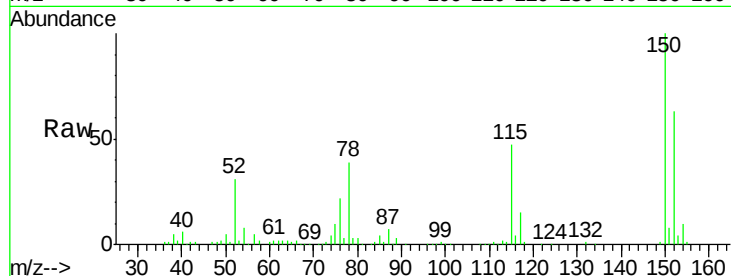
Tgt Ion:152 Resp: 190424

Ion Ratio Lower Upper

152 100

150 157.9 126.8 190.2

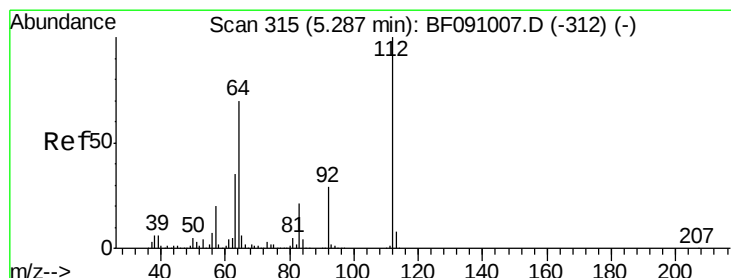
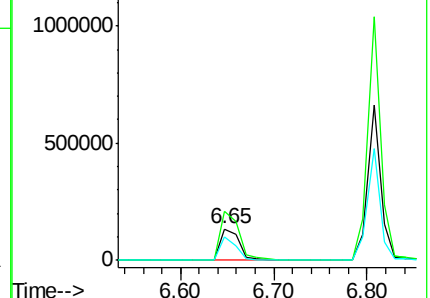
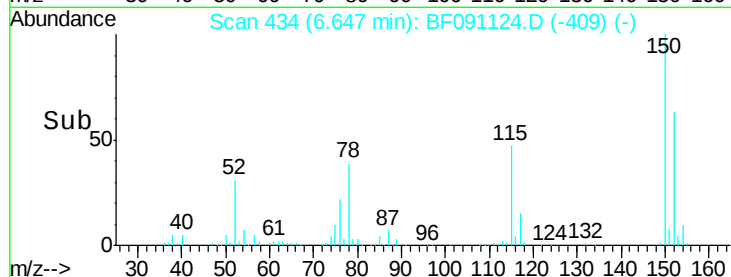
115 74.4 53.3 79.9



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: 127.95 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

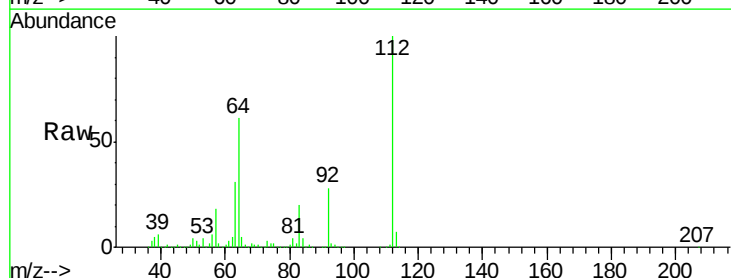
Tgt Ion:112 Resp: 1475301

Ion Ratio Lower Upper

112 100

64 61.3 55.8 83.6

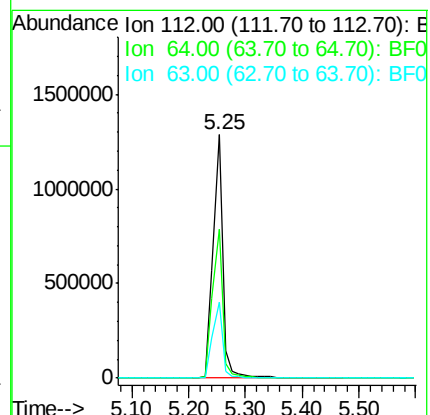
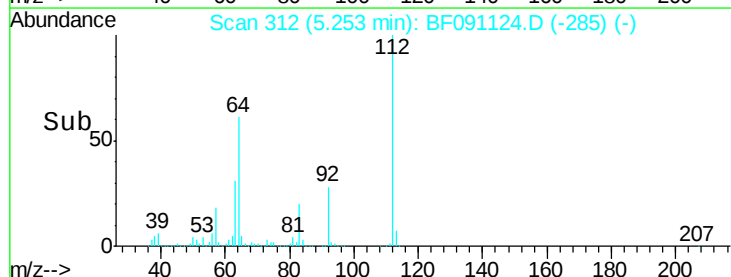
63 31.2 28.0 42.0

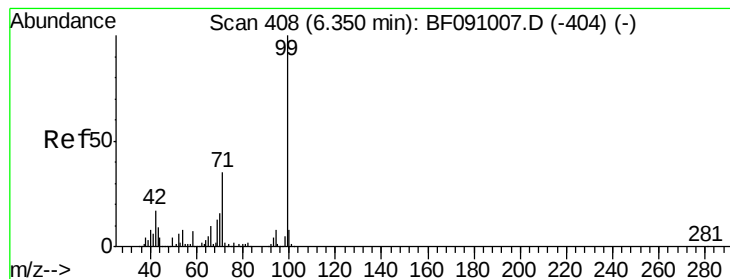


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.83 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94612BL

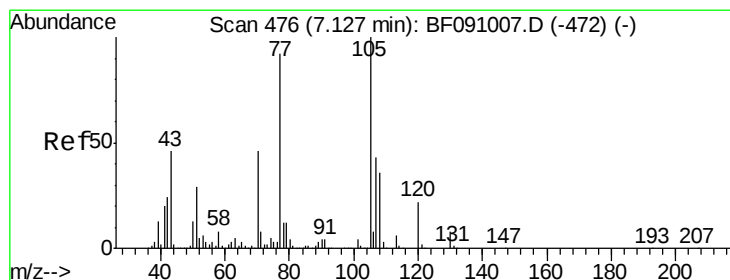
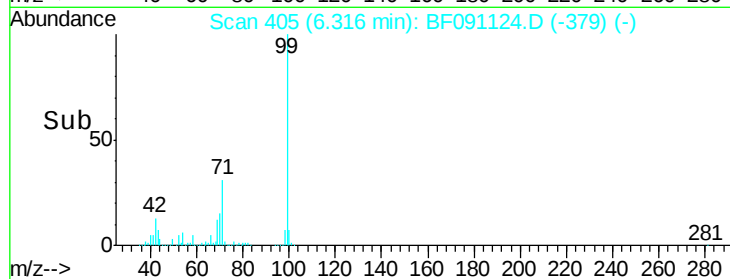
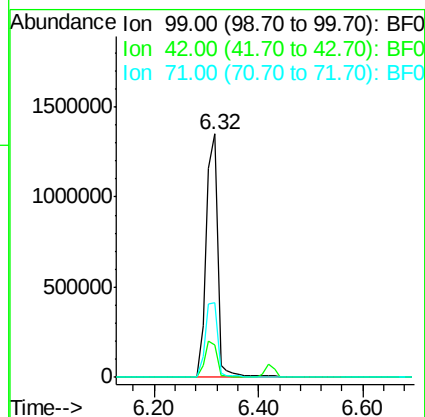
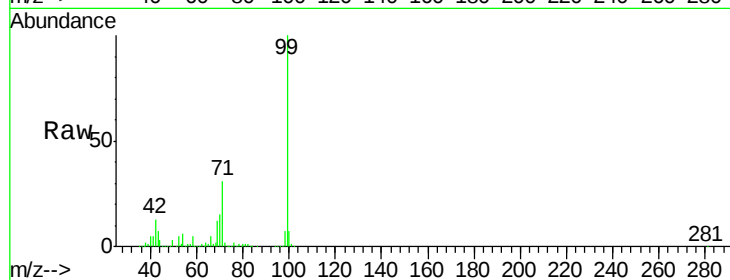
Tgt Ion: 99 Resp: 2078750

Ion Ratio Lower Upper

99 100

42 13.1 13.9 20.9#

71 30.7 27.8 41.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.55 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.13 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

Tgt Ion: 70 Resp: 179504

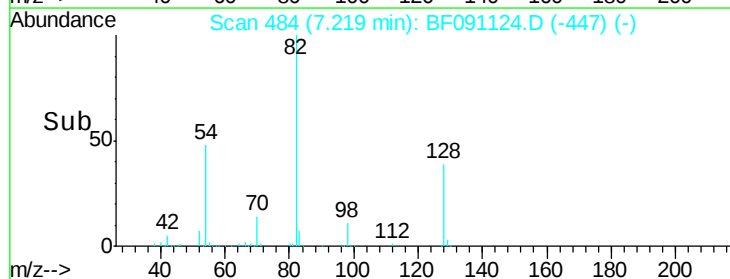
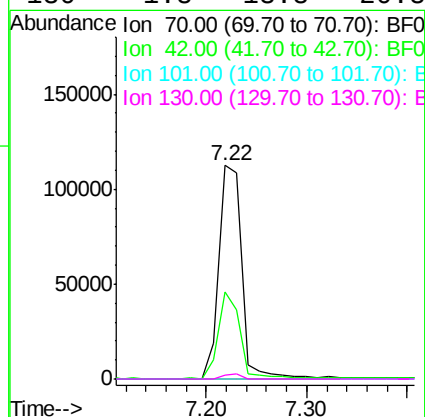
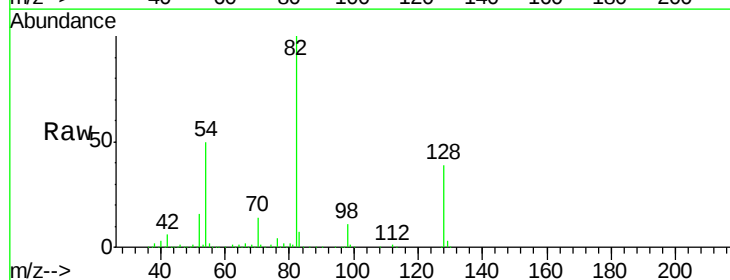
Ion Ratio Lower Upper

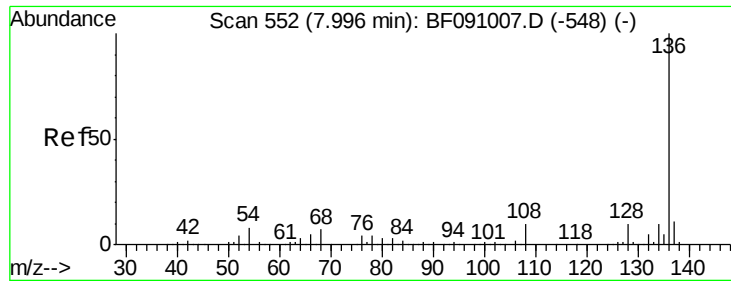
70 100

42 40.7 41.7 62.5#

101 0.0 6.7 10.1#

130 1.8 13.8 20.8#

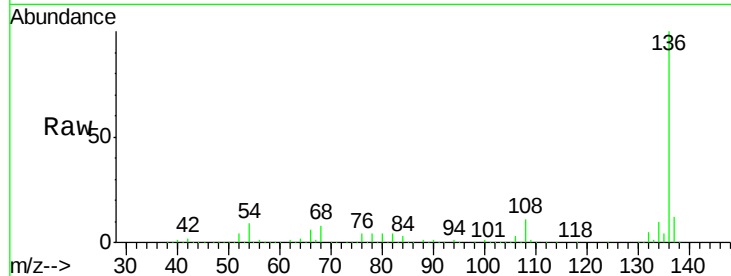




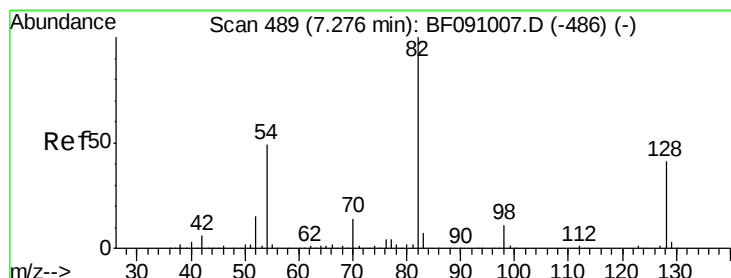
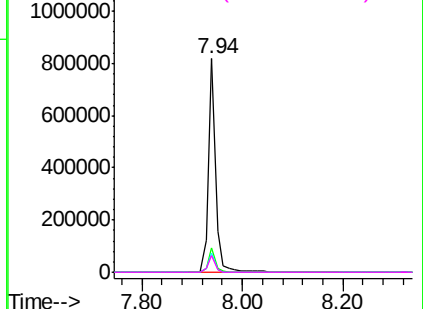
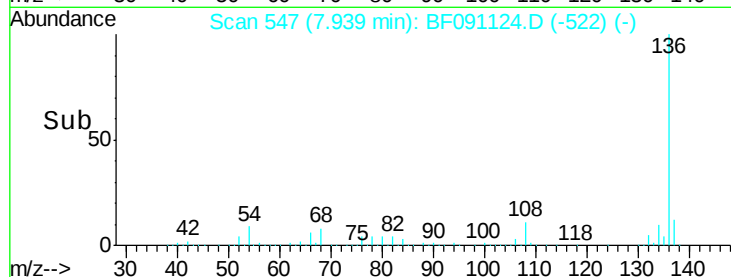
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94612BL

Tgt Ion:	136	Resp:	816310
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.9	6.2	9.2
68	7.7	5.5	8.3

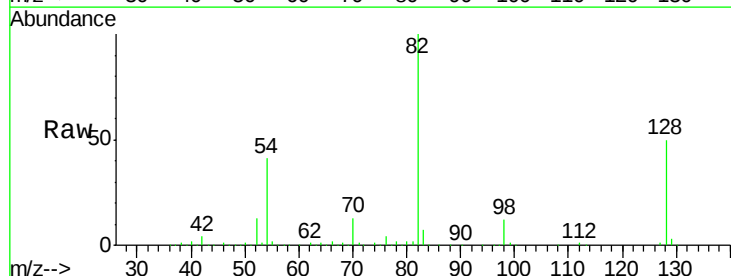


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

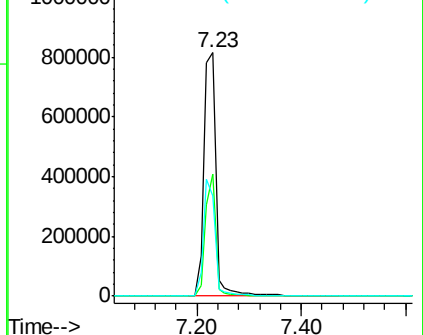
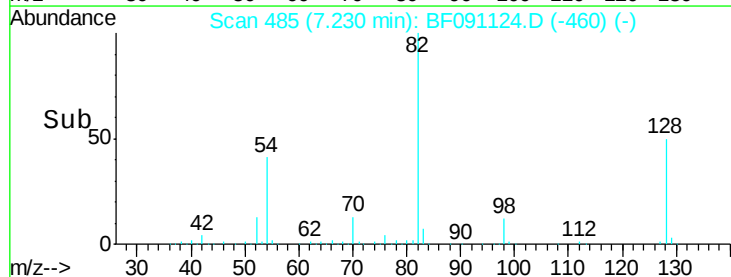


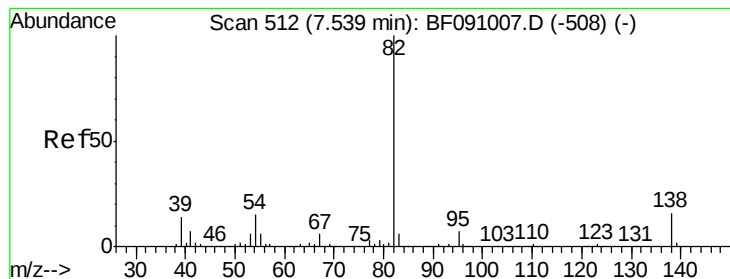
#23
Nitrobenzene-d5
Concen: 87.63 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Tgt Ion:	82	Resp:	1311254
Ion	Ratio	Lower	Upper
82	100		
128	50.3	32.4	48.6#
54	41.3	39.2	58.8



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





#25

Isophorone

Concen: 41.49 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94612BL

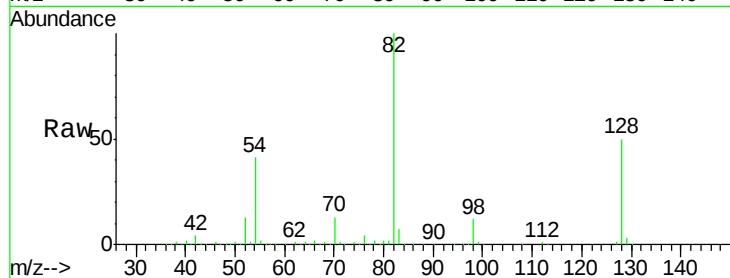
Tgt Ion: 82 Resp: 1196418

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

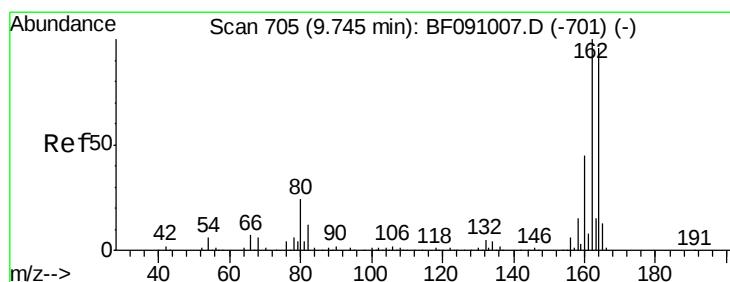
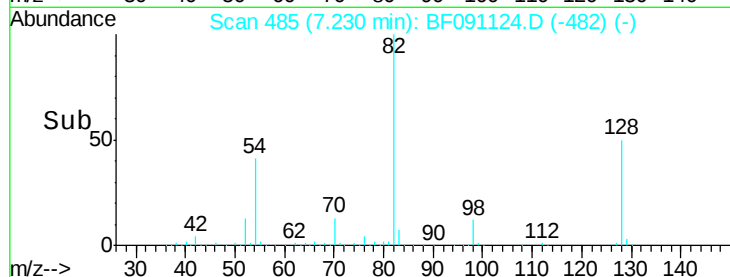
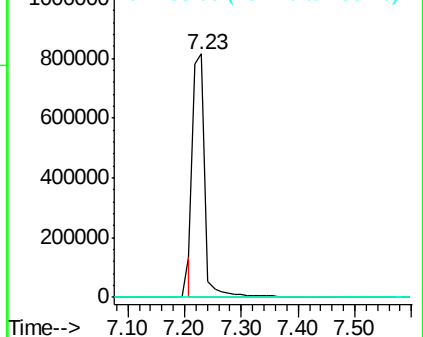
138 0.0 13.0 19.4#



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: 9.69 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

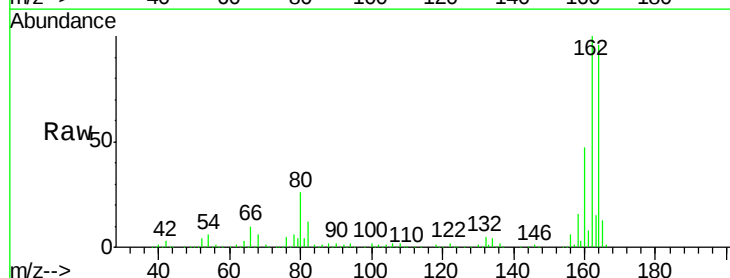
Tgt Ion: 164 Resp: 415879

Ion Ratio Lower Upper

164 100

162 104.6 83.6 125.4

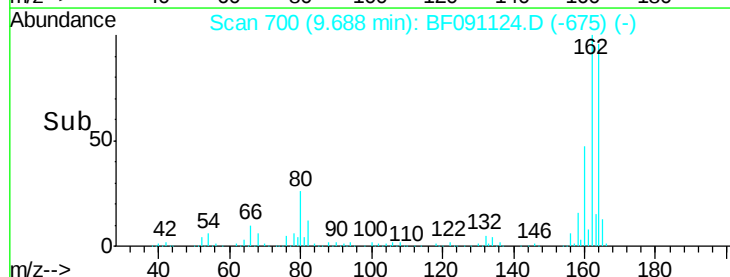
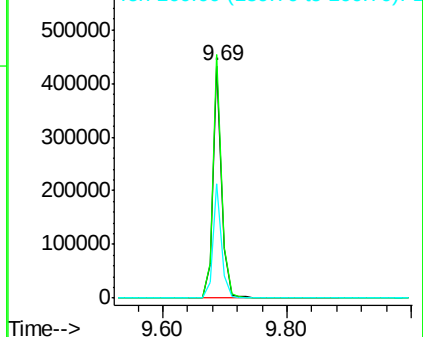
160 49.0 37.9 56.9

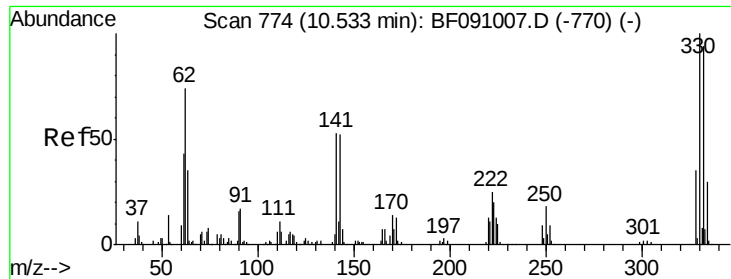


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

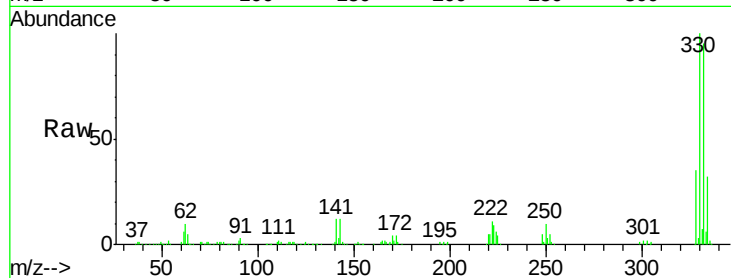




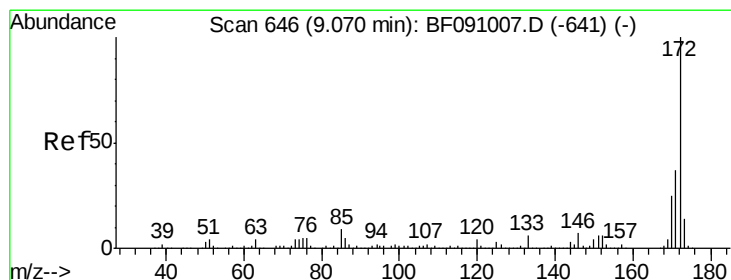
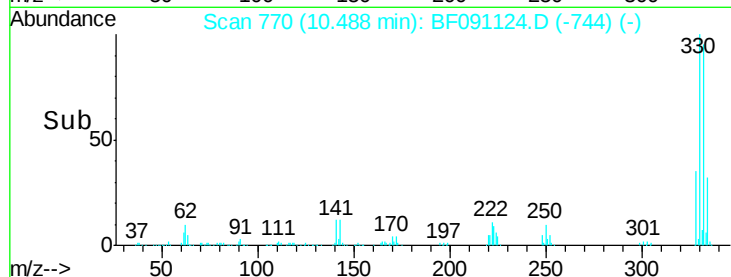
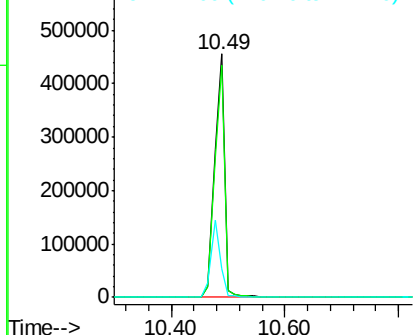
#41
 2,4,6-Tribromophenol
 Concen: 143.93 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

Tgt Ion:330 Resp: 541143
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 30.7 36.1 54.1#

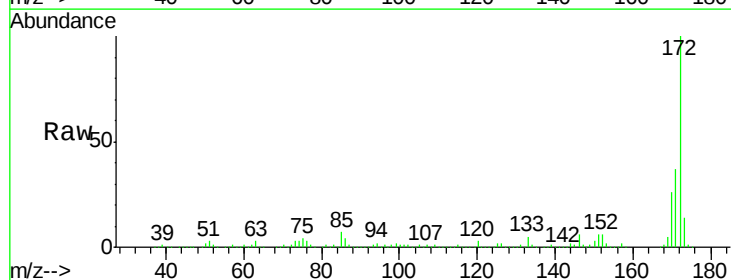


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

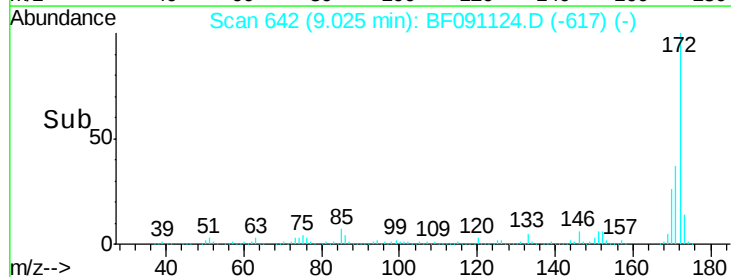
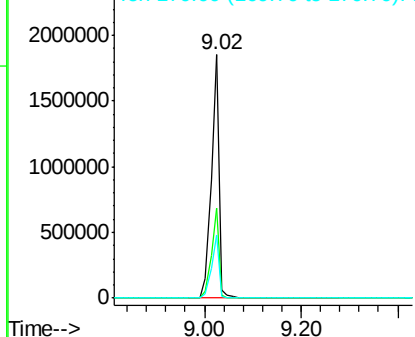


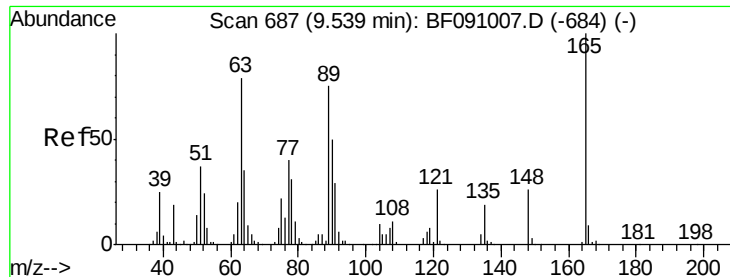
#44
 2-Fluorobiphenyl
 Concen: 86.54 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Tgt Ion:172 Resp: 2090448
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.7 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

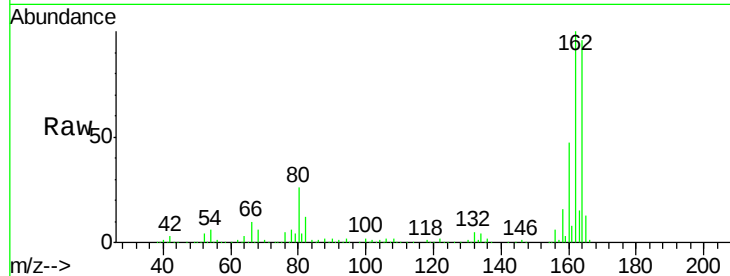




#50
 2,6-Dinitrotoluene
 Concen: 9.26 ng
 RT: 9.69 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

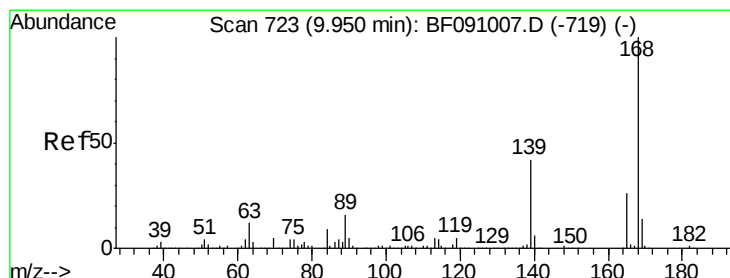
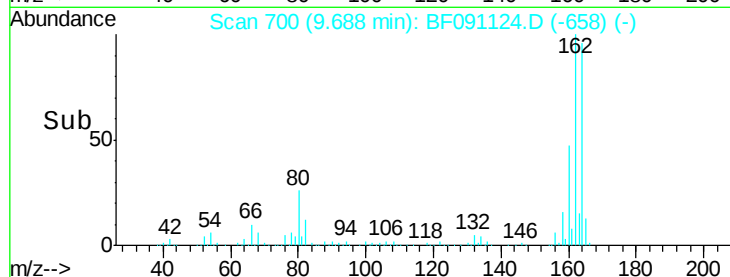
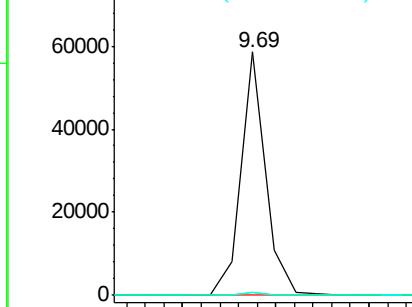
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	65.6	98.4#
89	1.1	59.8	89.6#



Abundance Ion 165.00 (164.70 to 165.70): E

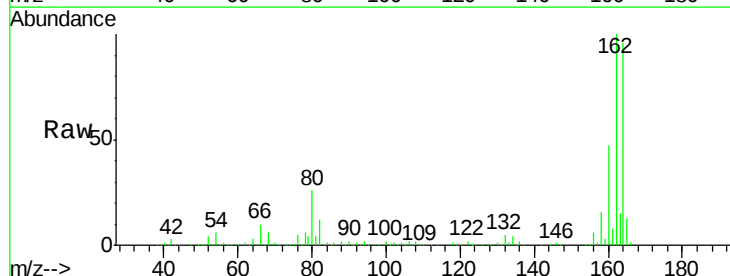
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Tgt 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#

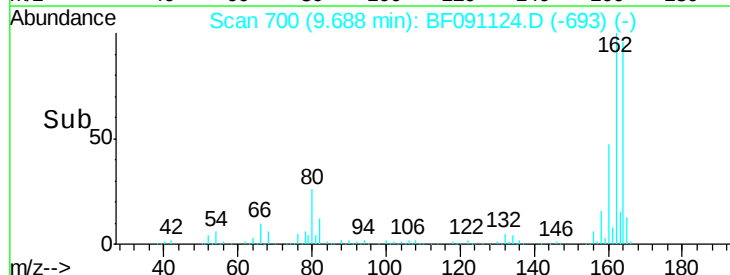
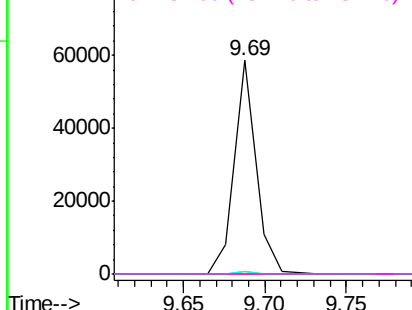


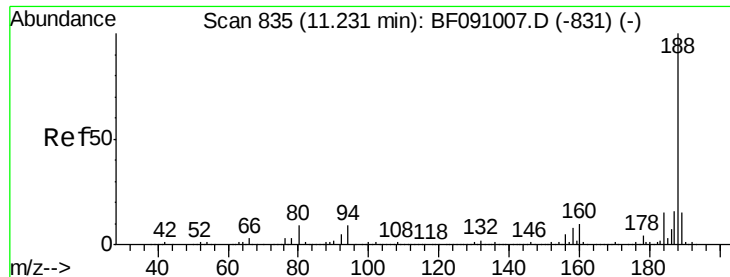
Abundance Ion 165.00 (164.70 to 165.70): E

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

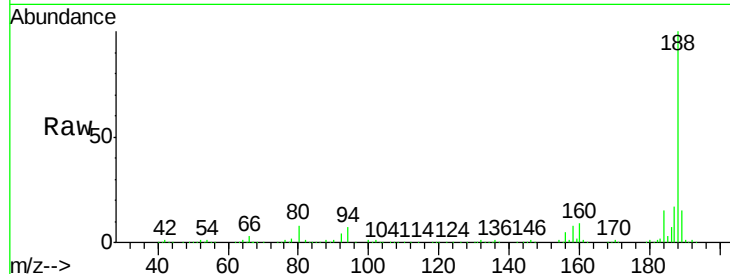




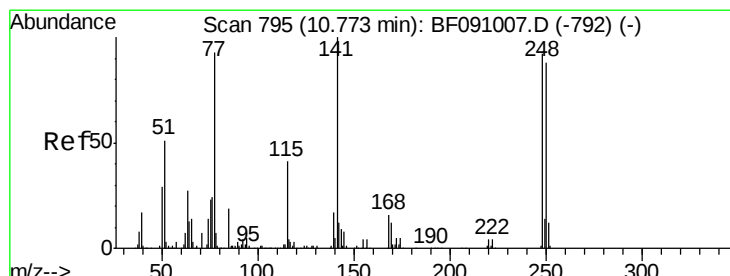
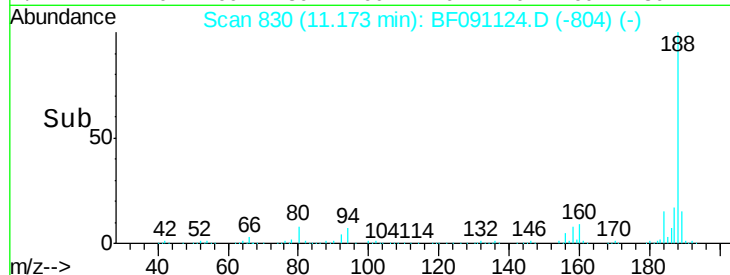
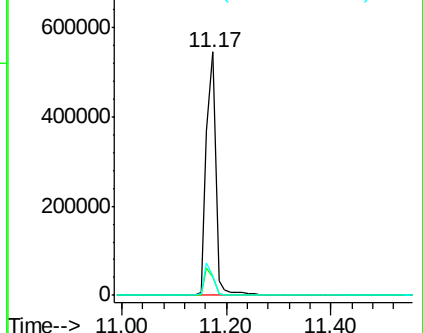
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

Tgt Ion:188 Resp: 689064
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.0 10.4
 80 7.9 7.5 11.3

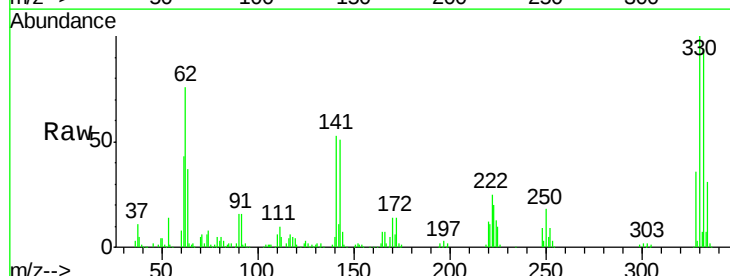


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

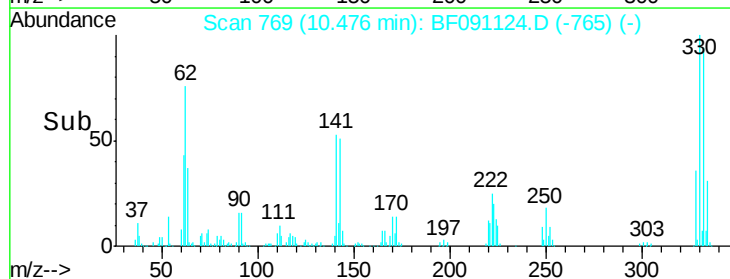
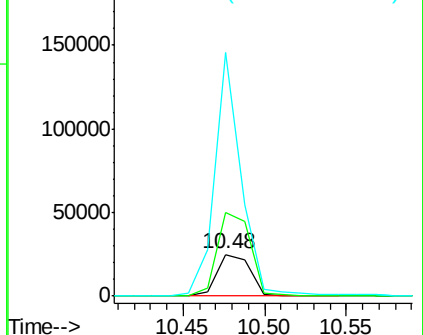


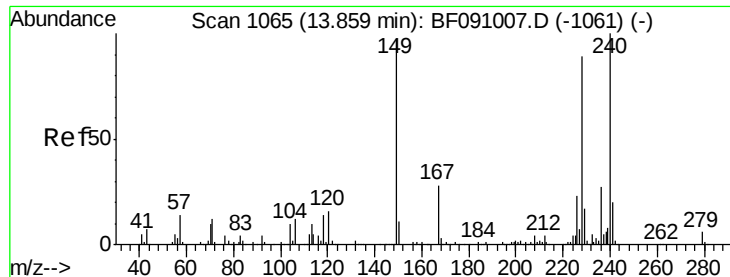
#66
 4-Bromophenyl-phenylether
 Concen: 4.80 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.25 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Tgt Ion:248 Resp: 34392
 Ion Ratio Lower Upper
 248 100
 250 200.1 76.3 114.5#
 141 584.3 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: BF091124.D

Acq: 9 Nov 2016 15:18

Instrument :

BNA_F

ClientSampleId :

PB94612BL

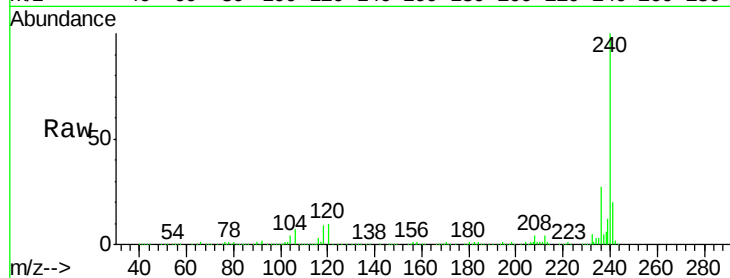
Tgt Ion:240 Resp: 632701

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

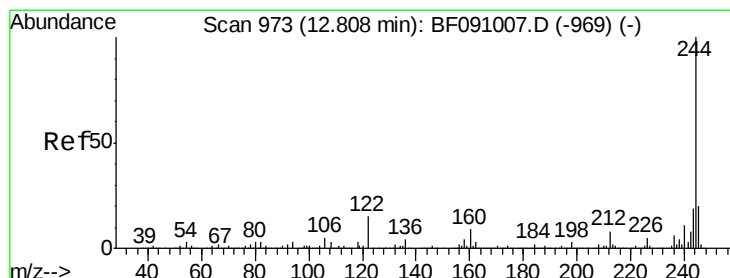
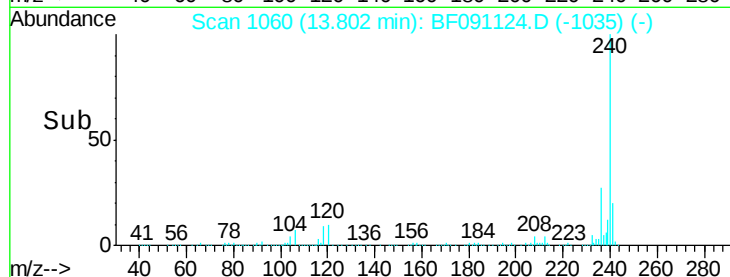
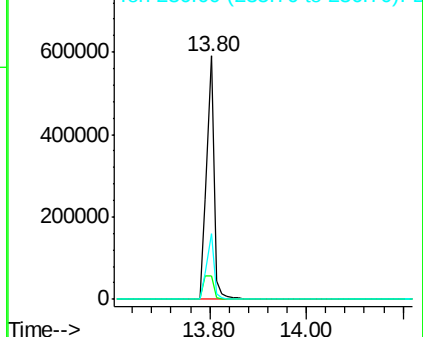
236 27.2 21.9 32.9



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: 82.97 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

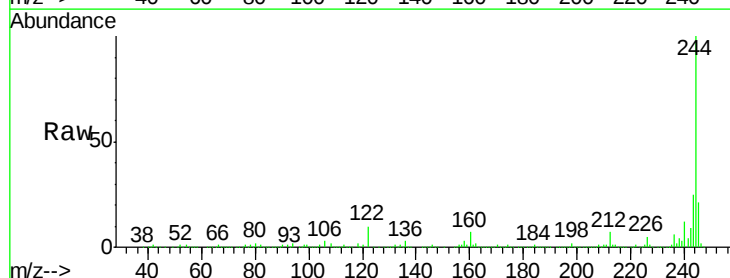
Tgt Ion:244 Resp: 2103521

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

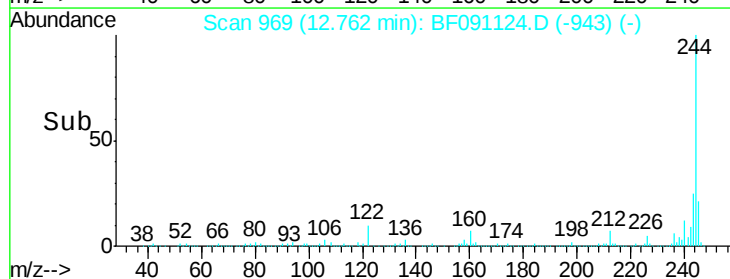
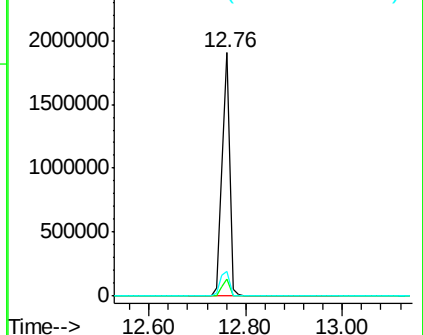
122 10.1 12.3 18.5#

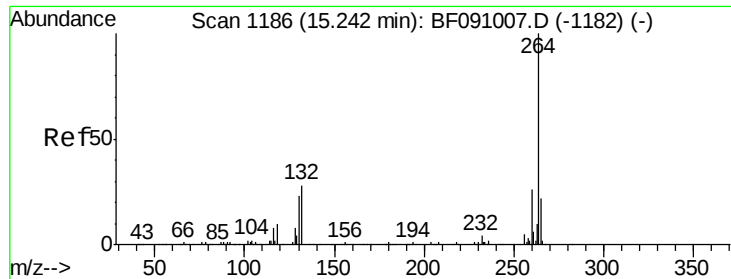


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94612BL

Tgt Ion: 264 Resp: 512586
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 21.8 17.8 26.8

