

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091308.D
 Acq On : 24 Nov 2016 11:17
 Operator : UM/SJ
 Sample : H5721-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 24 23:45:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

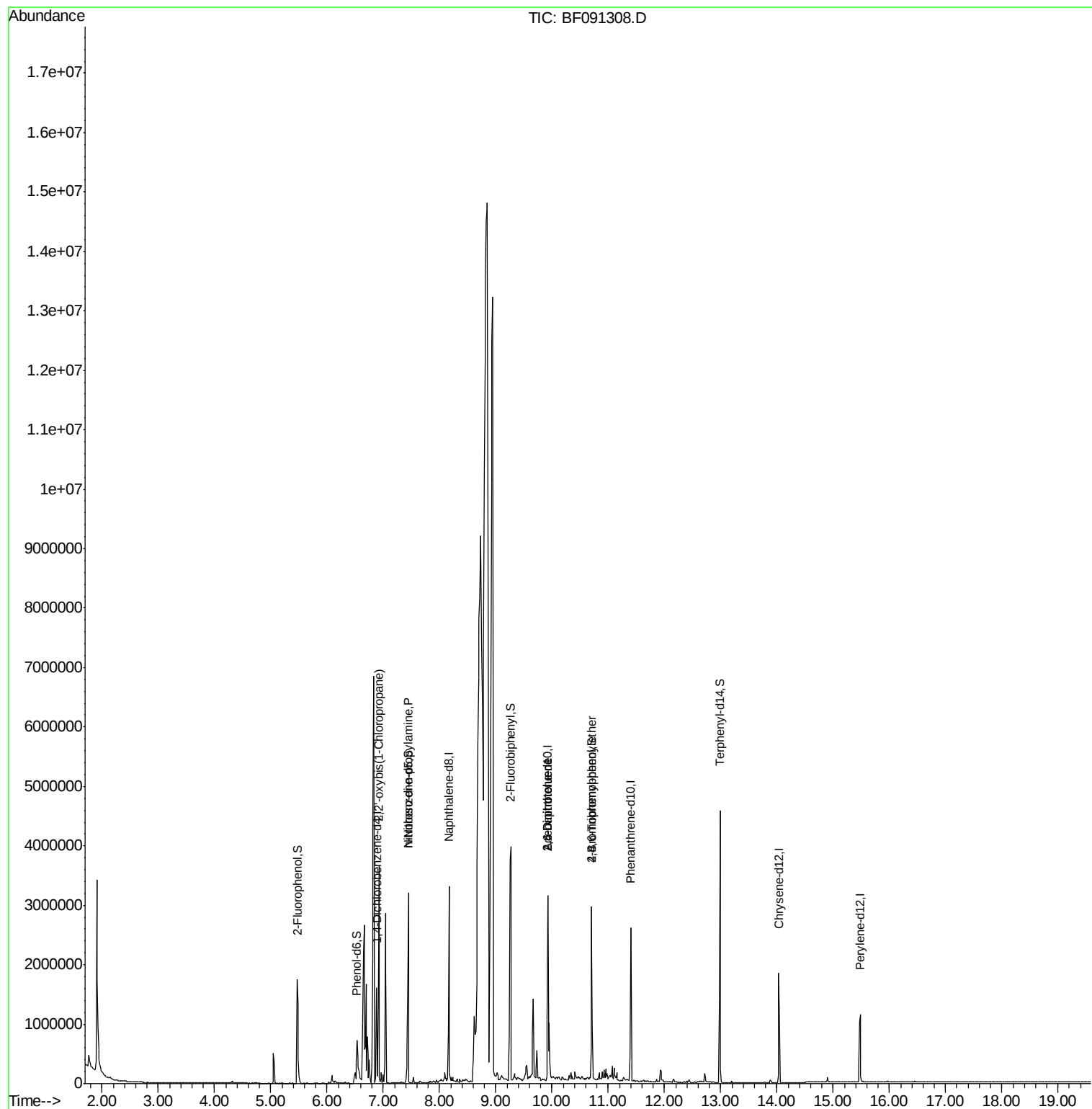
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	356360	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	1363440	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	705372	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	910864	20.00	ng	0.00
75) Chrysene-d12	14.03	240	821061	20.00	ng	-0.01
86) Perylene-d12	15.48	264	651243	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	686263	30.94	ng	0.00
7) Phenol-d6	6.53	99	595902	20.91	ng	0.03
23) Nitrobenzene-d5	7.45	82	1141223	48.19	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	368971	51.87	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1998194	46.38	ng	0.02
78) Terphenyl-d14	12.99	244	1443202	40.14	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	6.92	45	296502	5.79	ng	# 54
19) n-Nitroso-di-n-propylamine	7.45	70	157729	8.82	ng	# 68
50) 2,6-Dinitrotoluene	9.93	165	92072	9.57	ng	# 17
56) 2,4-Dinitrotoluene	9.93	165	92080	7.56	ng	# 34
66) 4-Bromophenyl-phenylether	10.70	248	22441	2.25	ng	# 1

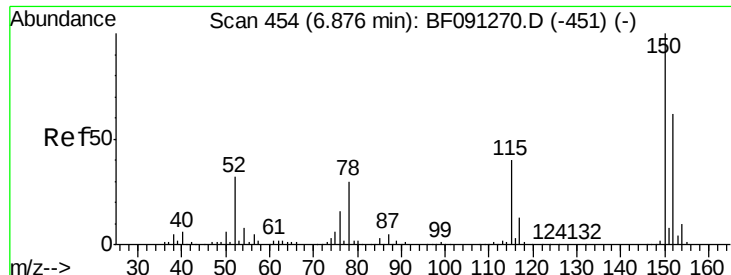
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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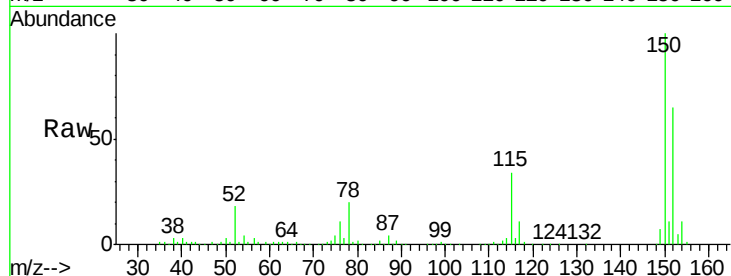


#1

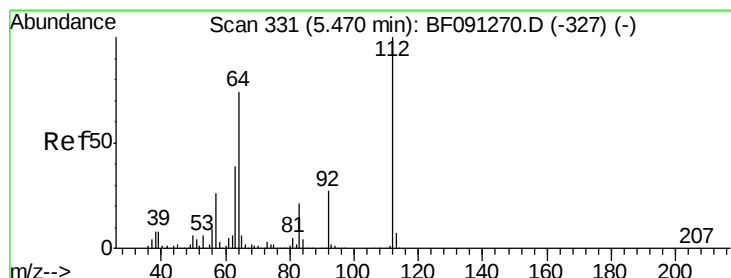
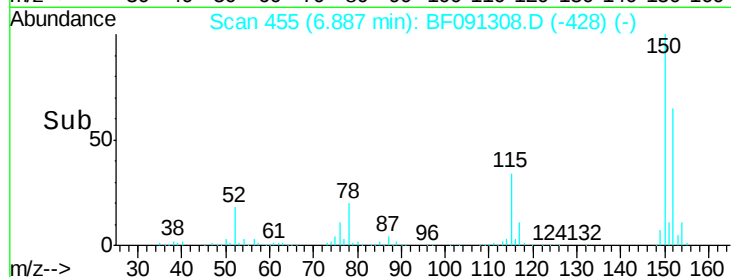
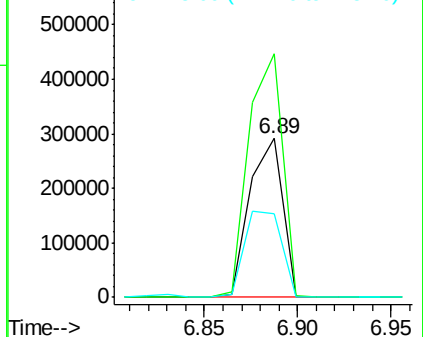
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 356360
Ion Ratio Lower Upper
152 100
150 153.3 122.5 183.7
115 52.6 51.8 77.8



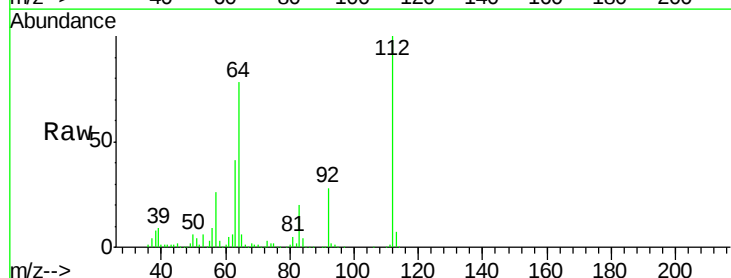
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



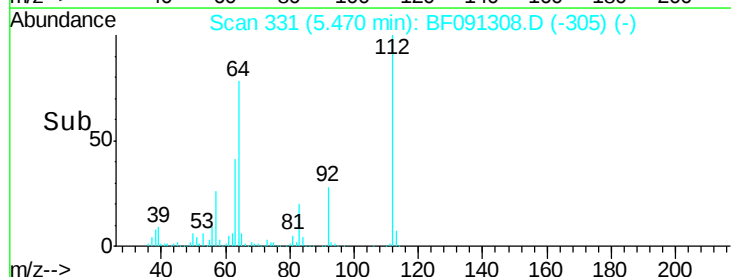
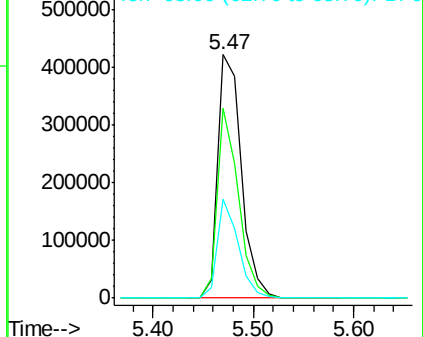
#5

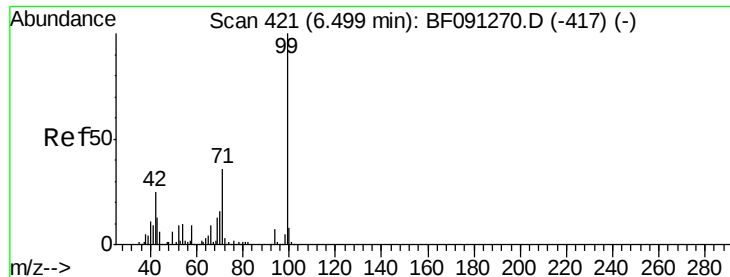
2-Fluorophenol
Concen: 30.94 ng
RT: 5.47 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Tgt Ion:112 Resp: 686263
Ion Ratio Lower Upper
112 100
64 77.9 61.5 92.3
63 40.7 33.3 49.9



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: 20.91 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.03 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

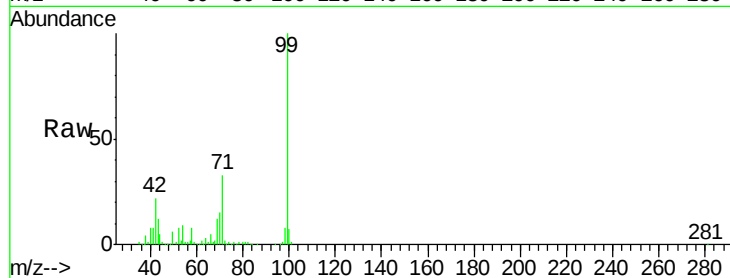
Tgt Ion: 99 Resp: 595902

Ion Ratio Lower Upper

99 100

42 21.9 20.6 31.0

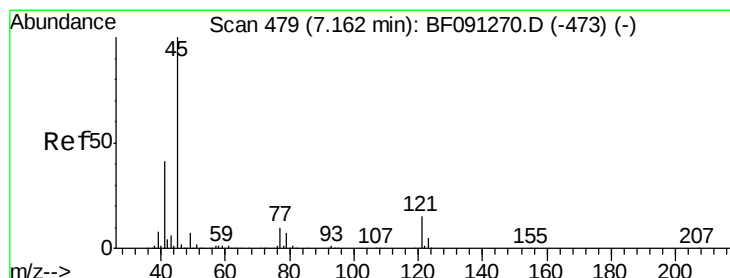
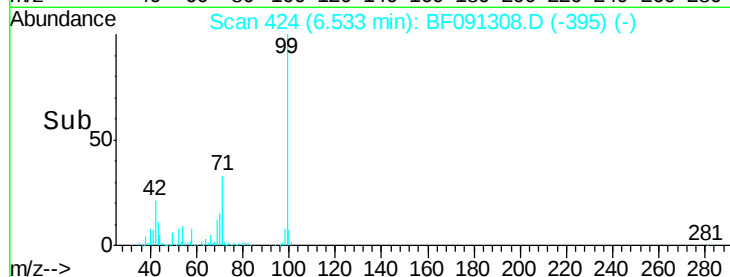
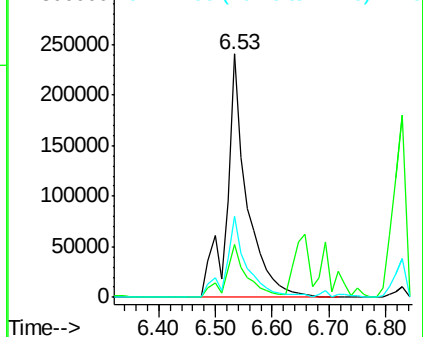
71 33.4 29.9 44.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.79 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.24 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

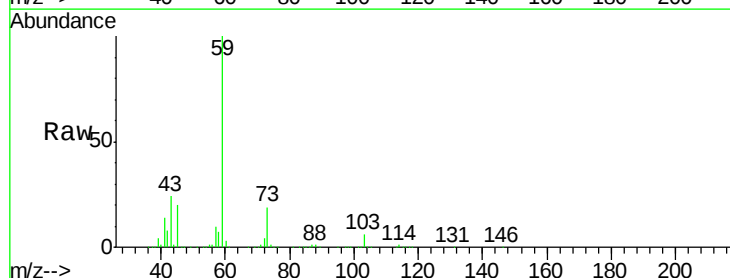
Tgt Ion: 45 Resp: 296502

Ion Ratio Lower Upper

45 100

77 0.0 3.8 43.8#

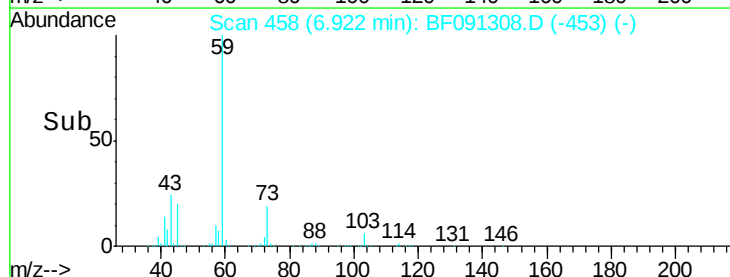
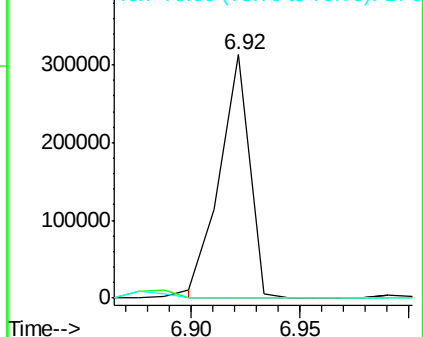
79 0.0 0.2 40.2#

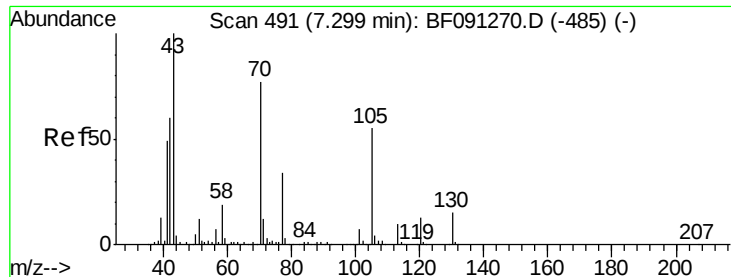


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

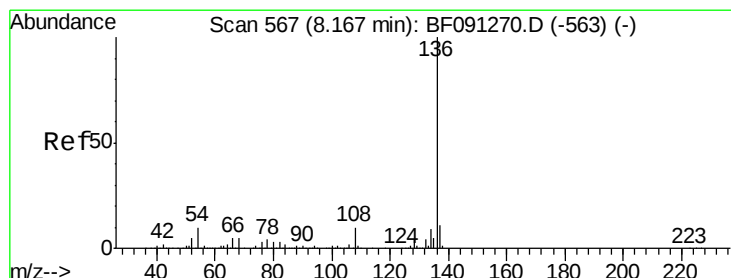
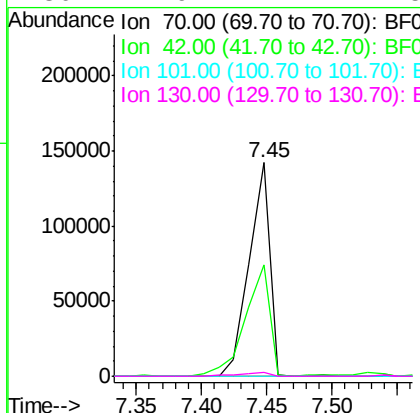
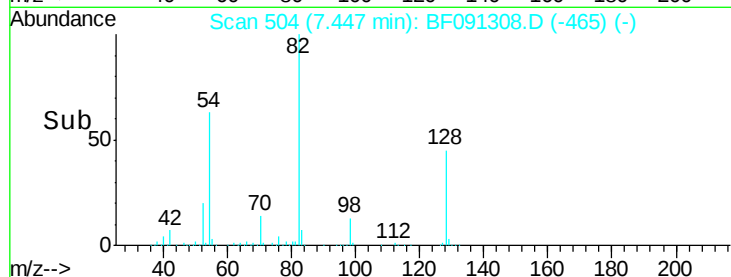
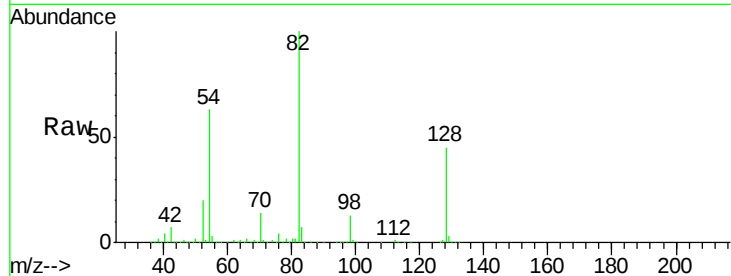




#19
n-Nitroso-di-n-propylamine
Concen: 8.82 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.15 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

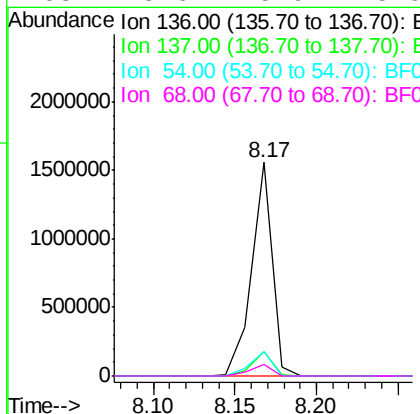
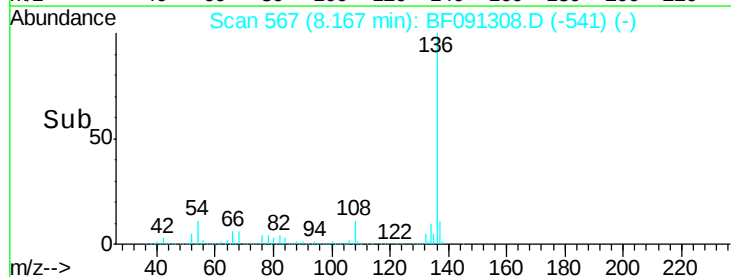
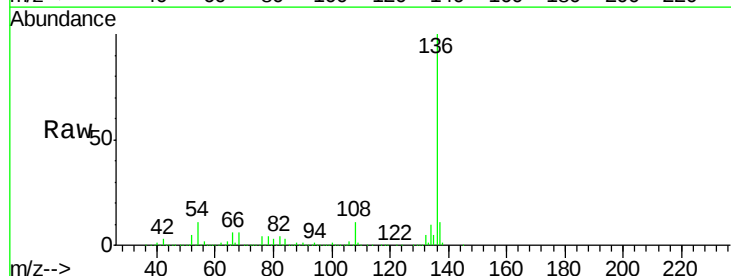
Instrument :
BNA_F
ClientSampleId :
MW-1

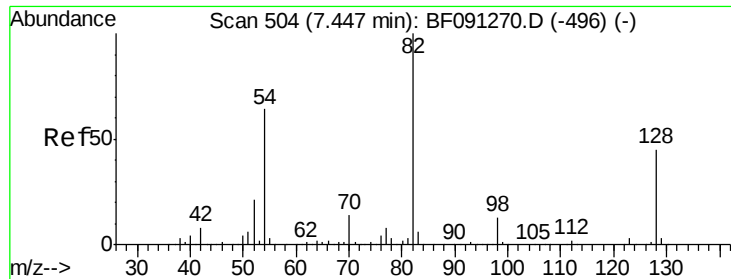
Tgt Ion: 70 Resp: 157729
Ion Ratio Lower Upper
70 100
42 52.0 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Tgt Ion: 136 Resp: 1363440
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.2 9.1 13.7
68 5.6 5.9 8.9#

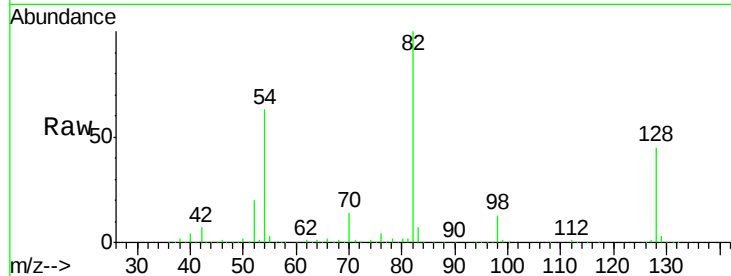




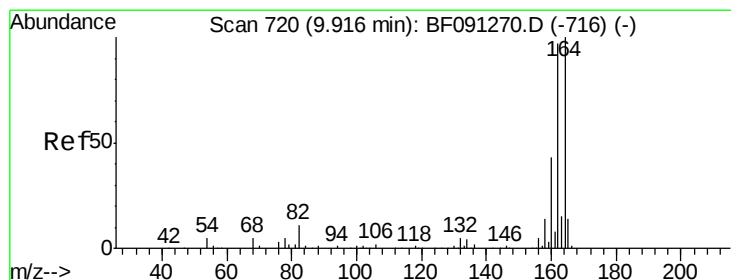
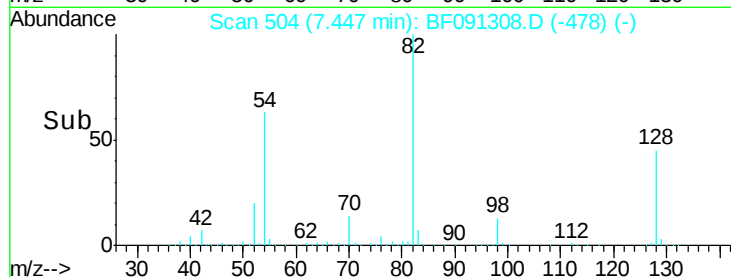
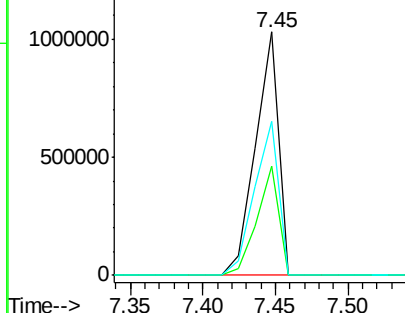
#23
Nitrobenzene-d5
Concen: 48.19 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1141223
Ion Ratio Lower Upper
82 100
128 45.1 31.8 47.6
54 63.2 49.1 73.7

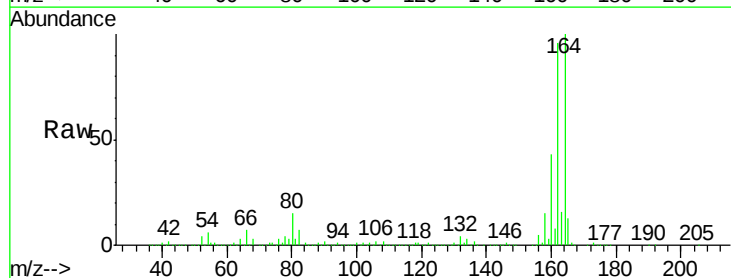


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

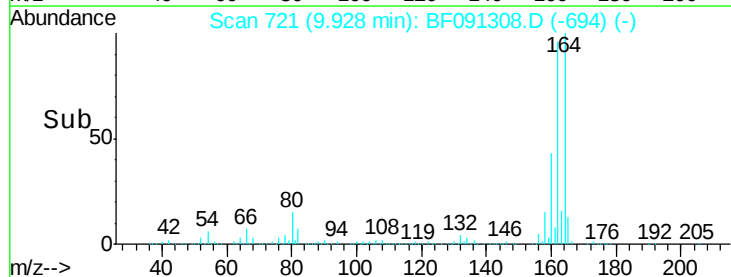
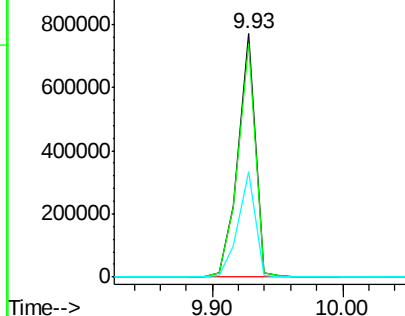


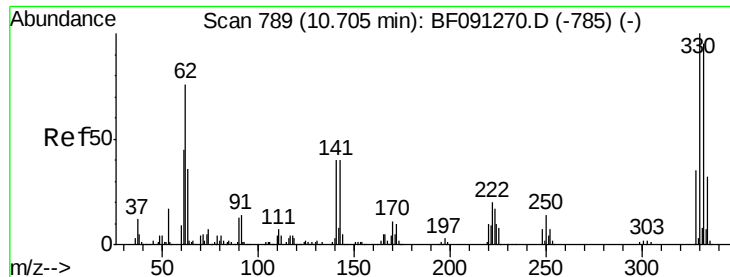
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Tgt Ion: 164 Resp: 705372
Ion Ratio Lower Upper
164 100
162 96.0 82.6 124.0
160 43.4 36.7 55.1



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

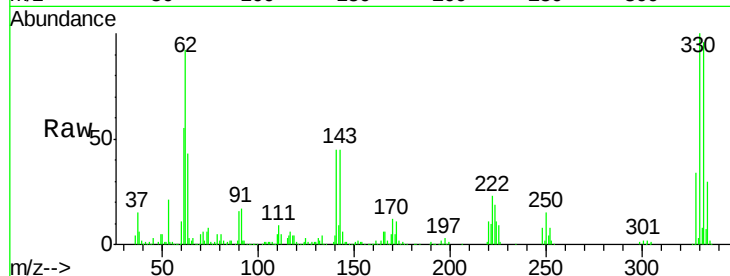




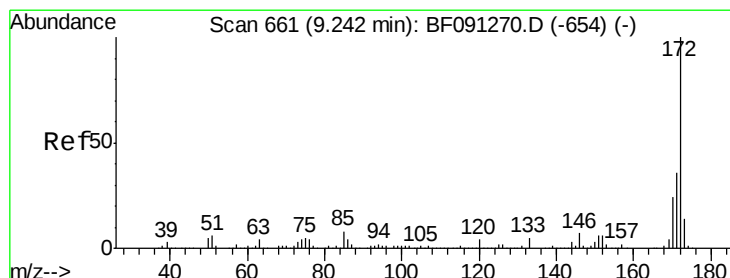
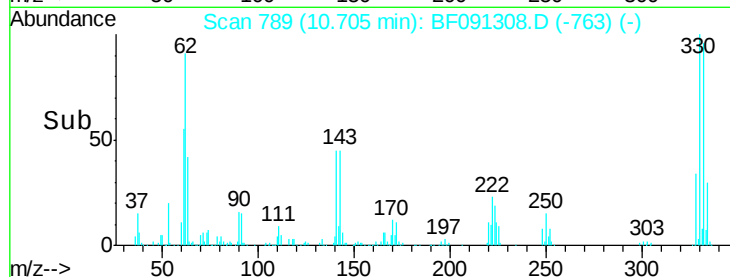
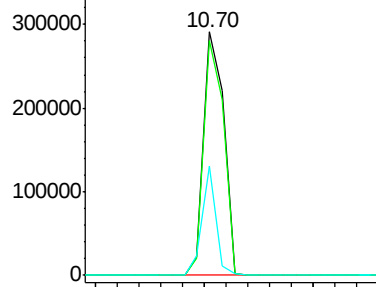
#41
 2,4,6-Tribromophenol
 Concen: 51.87 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091308.D
 Acq: 24 Nov 2016 11:17

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 MW-1

Tgt Ion:330 Resp: 368971
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 32.0 33.6 50.4#

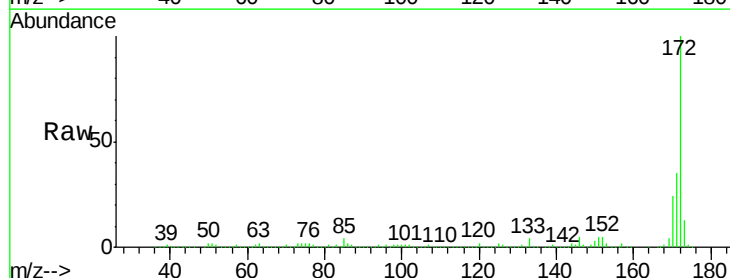


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

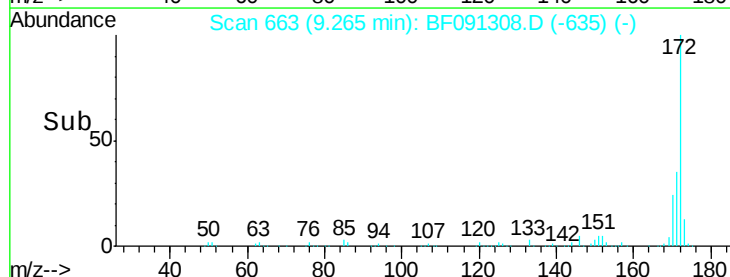
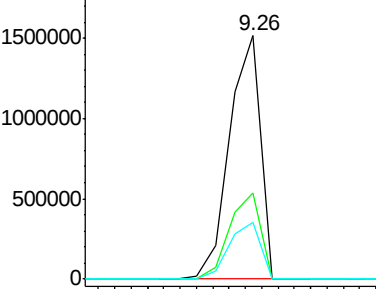


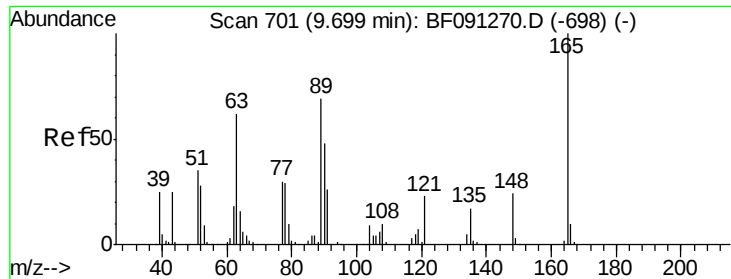
#44
 2-Fluorobiphenyl
 Concen: 46.38 ng
 RT: 9.26 min Scan# 663
 Delta R.T. 0.02 min
 Lab File: BF091308.D
 Acq: 24 Nov 2016 11:17

Tgt Ion:172 Resp: 1998194
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.5 19.7 29.5



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: 9.57 ng

RT: 9.93 min Scan# 721

Delta R.T. 0.23 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

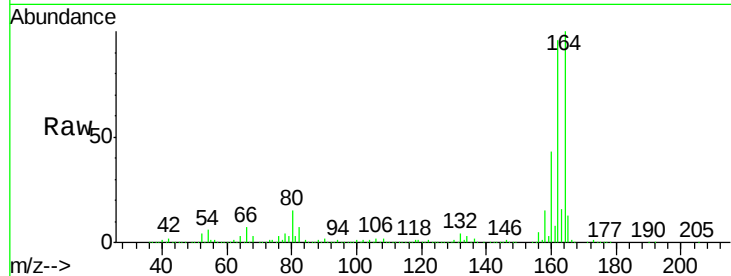
Tgt Ion:165 Resp: 92072

Ion Ratio Lower Upper

165 100

63 2.1 59.4 89.0#

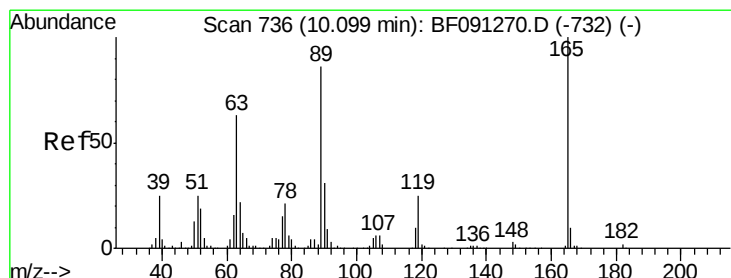
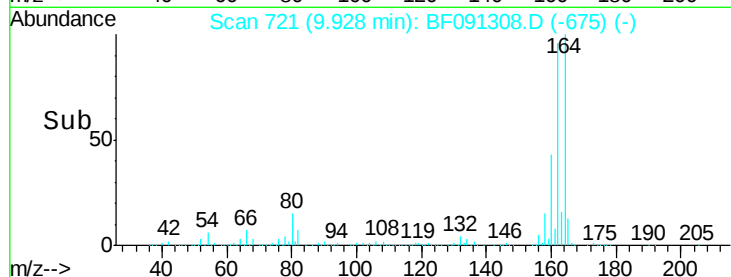
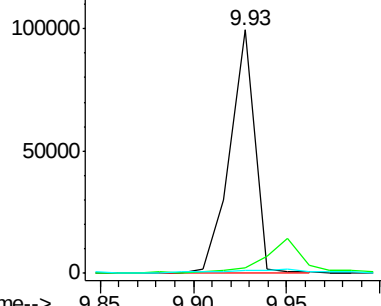
89 1.3 50.8 76.2#



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: 7.56 ng

RT: 9.93 min Scan# 721

Delta R.T. -0.17 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Tgt Ion:165 Resp: 92080

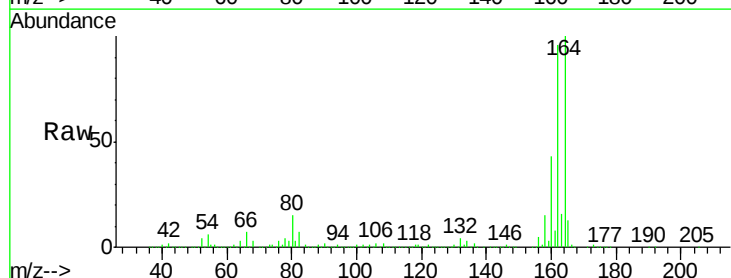
Ion Ratio Lower Upper

165 100

63 2.1 29.0 43.4#

89 1.3 43.1 64.7#

182 0.0 1.9 2.9#

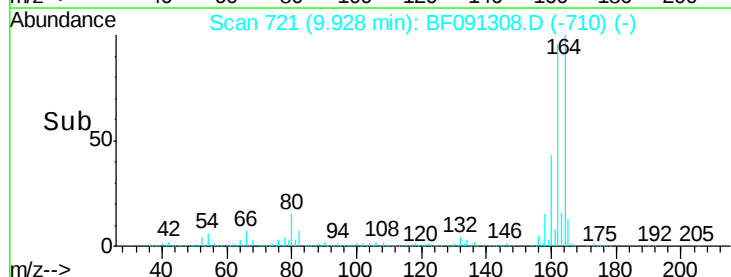
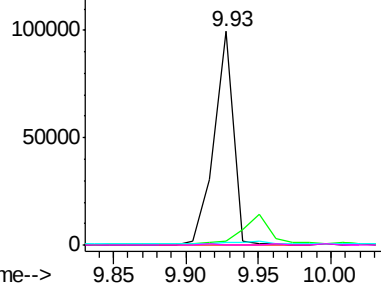


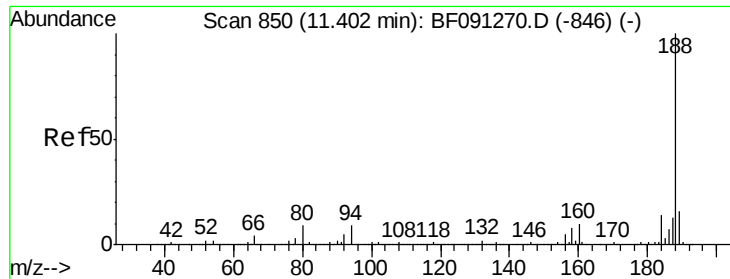
Abundance Ion 165.00 (164.70 to 165.70): E

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

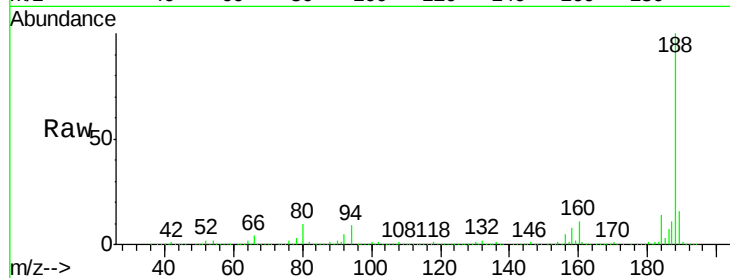




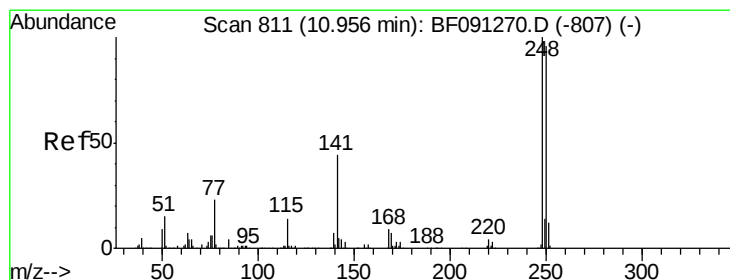
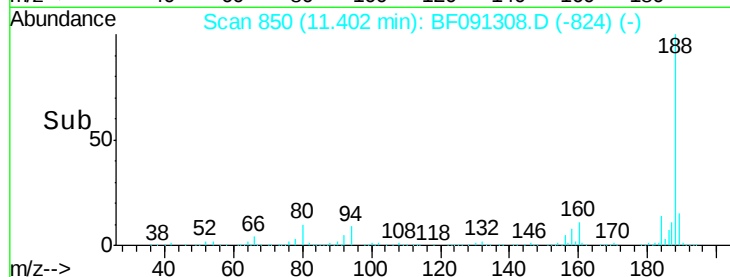
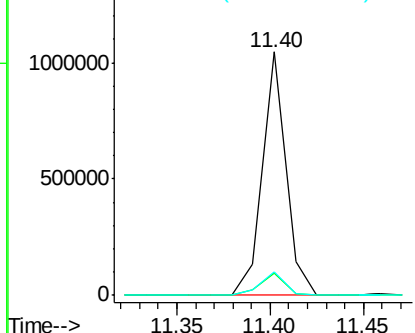
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091308.D
 Acq: 24 Nov 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:188 Resp: 910864
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.2 13.8#
 80 9.7 10.5 15.7#

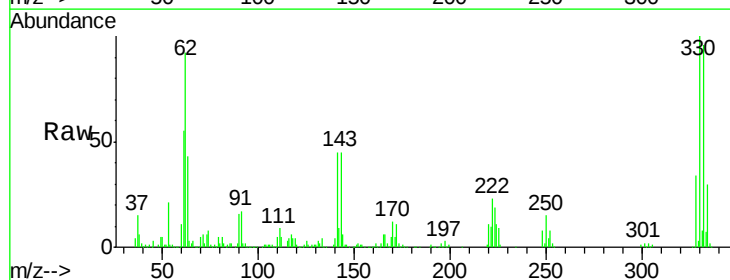


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

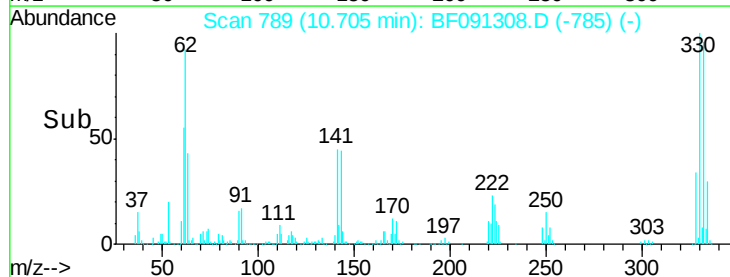
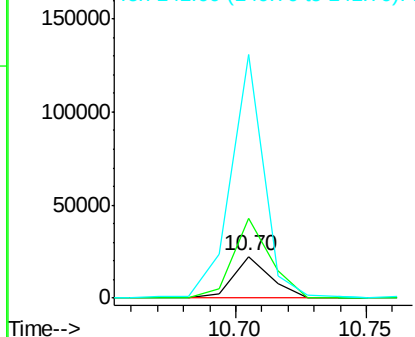


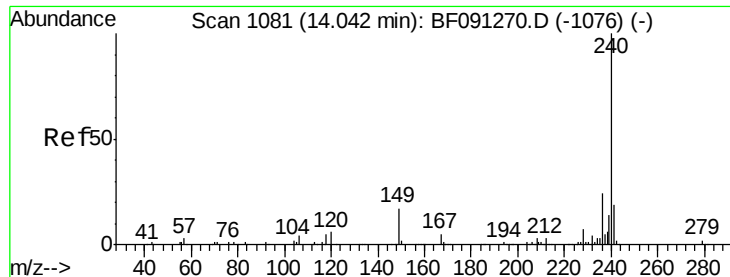
#66
 4-Bromophenyl-phenylether
 Concen: 2.25 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.25 min
 Lab File: BF091308.D
 Acq: 24 Nov 2016 11:17

Tgt Ion:248 Resp: 22441
 Ion Ratio Lower Upper
 248 100
 250 190.0 78.2 117.4#
 141 580.8 71.9 107.9#



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: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-1

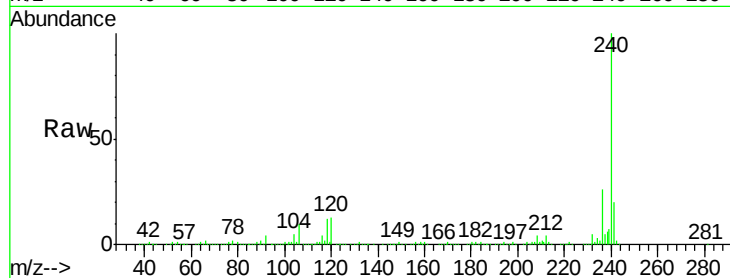
Tgt Ion:240 Resp: 821061

Ion Ratio Lower Upper

240 100

120 13.5 12.1 18.1

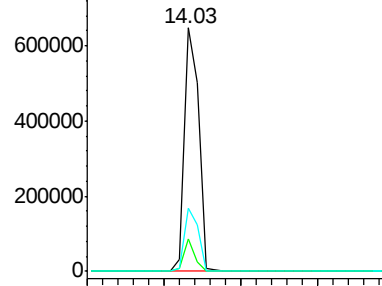
236 25.8 21.0 31.6



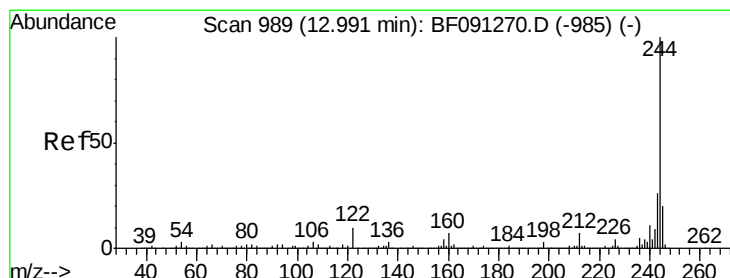
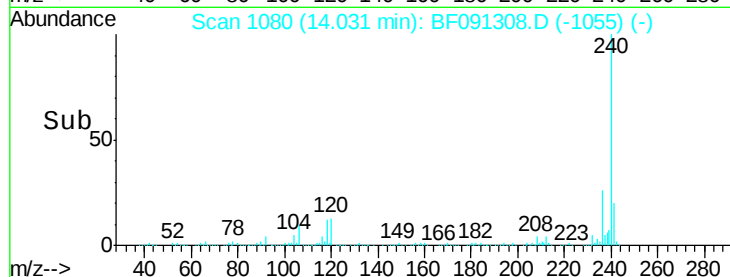
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 40.14 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091308.D

Acq: 24 Nov 2016 11:17

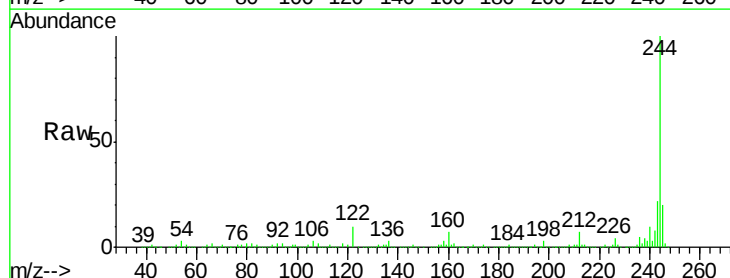
Tgt Ion:244 Resp: 1443202

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

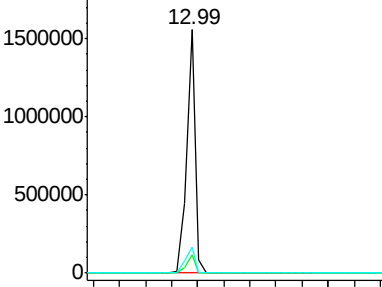
122 10.5 9.5 14.3



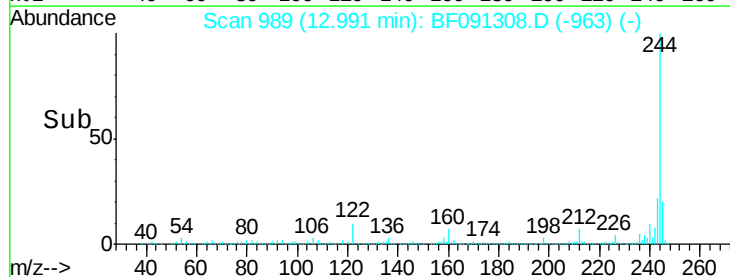
Abundance Ion 244.00 (243.70 to 244.70): E

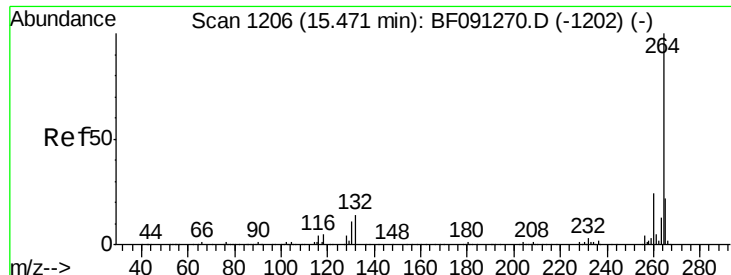
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.00 13.20

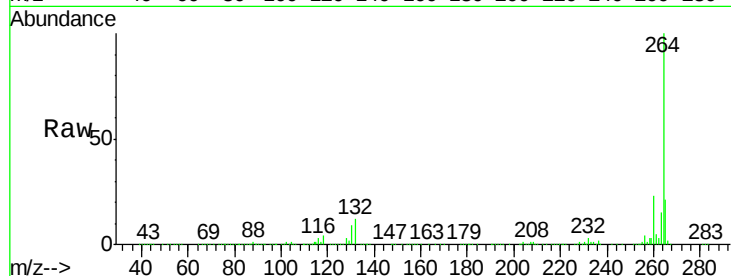




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091308.D
Acq: 24 Nov 2016 11:17

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 651243
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.2 17.0 25.6



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

