

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091798.D
 Acq On : 20 Dec 2016 2:48
 Operator : UM/SJ
 Sample : H6165-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SBW-5

Quant Time: Dec 20 03:18:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

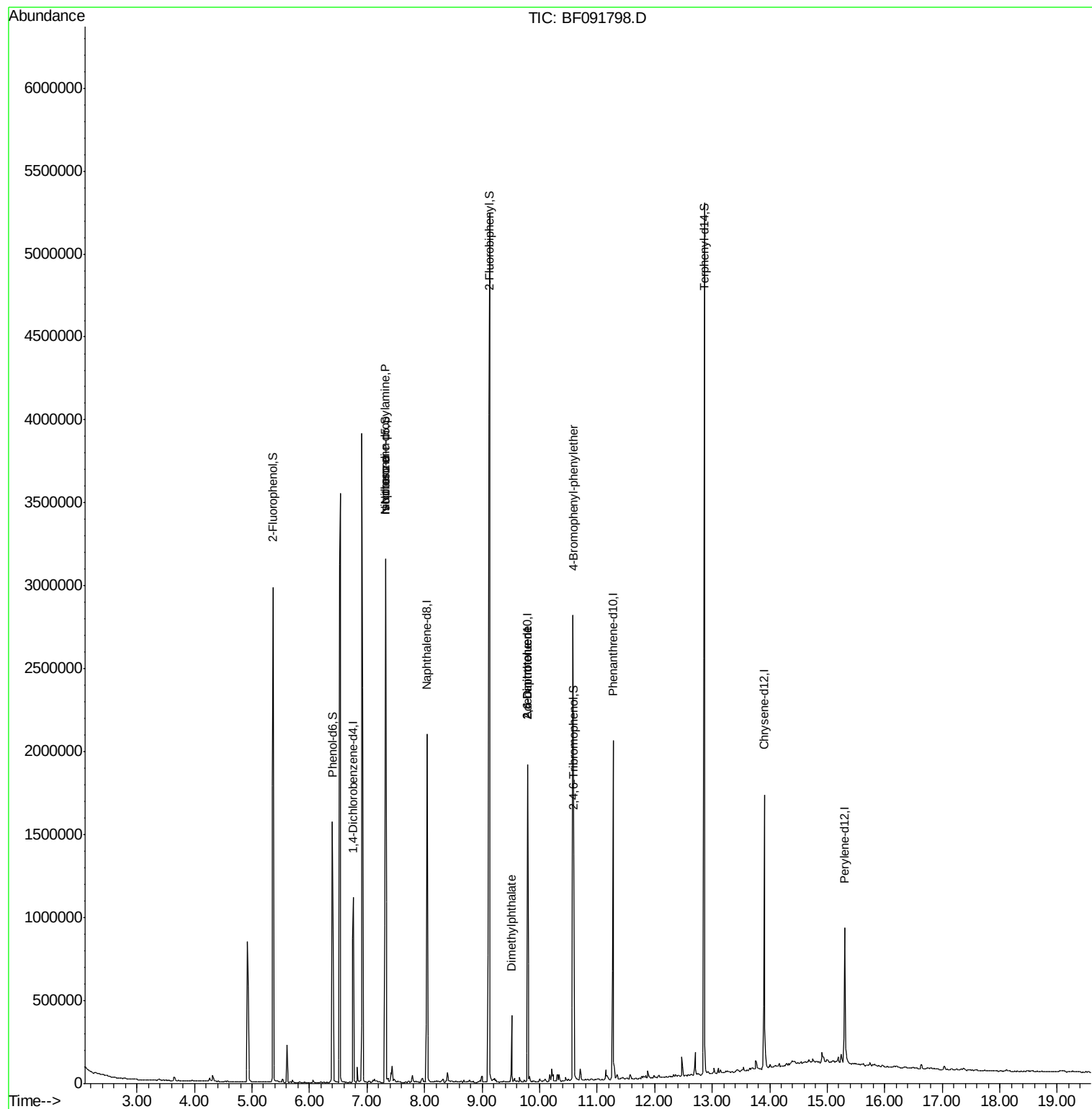
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	235059	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	942050	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	458347	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	767288	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	552242	20.00	ng	-0.02
86) Perylene-d12	15.30	264	446263	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1026722	73.18	ng	0.00
7) Phenol-d6	6.40	99	654266	38.24	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1277813	78.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	426431	109.72	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2363016	103.57	ng	-0.01
78) Terphenyl-d14	12.87	244	1812100	82.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	921	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	166486	14.63	ng	# 77
25) Isophorone	7.32	82	1029816	33.04	ng	# 65
49) Dimethylphthalate	9.52	163	149688	5.00	ng	# 98
50) 2,6-Dinitrotoluene	9.79	165	59267	9.03	ng	# 31
56) 2,4-Dinitrotoluene	9.79	165	59267	7.23	ng	# 20
66) 4-Bromophenyl-phenylether	10.58	248	24477	3.04	ng	# 1

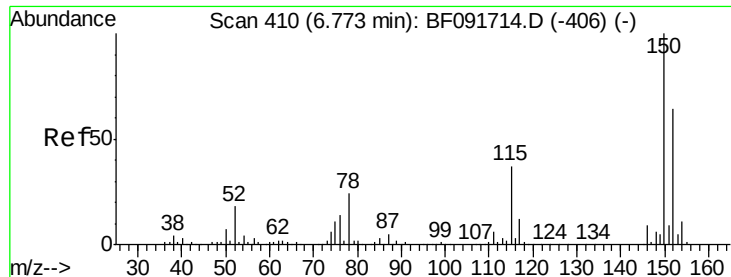
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SBW-5

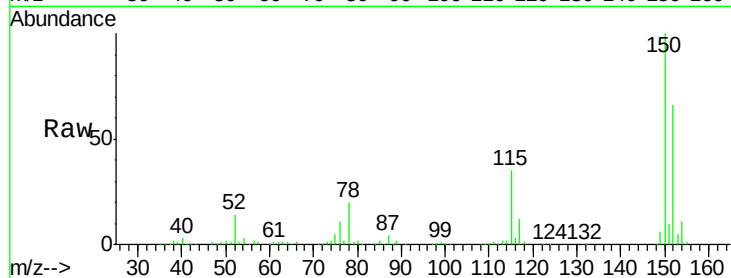
Tgt Ion:152 Resp: 235059

Ion Ratio Lower Upper

152 100

150 152.1 124.9 187.3

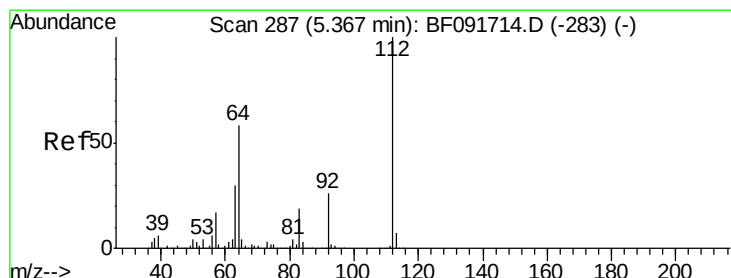
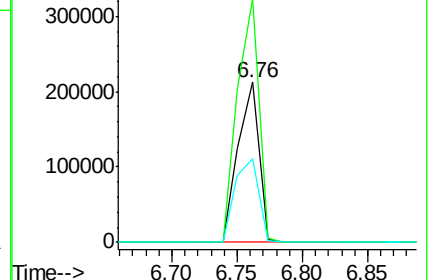
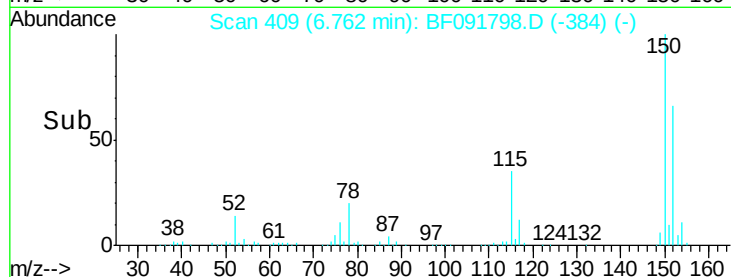
115 52.6 46.0 69.0



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: 73.18 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

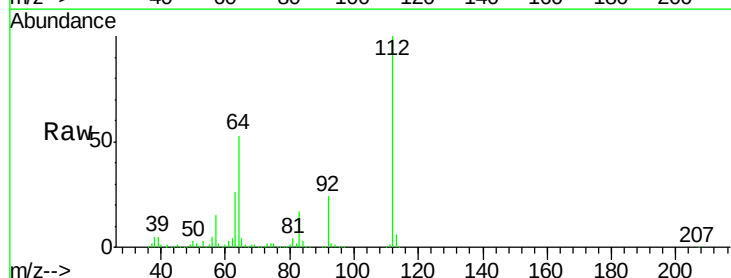
Tgt Ion:112 Resp: 1026722

Ion Ratio Lower Upper

112 100

64 52.7 46.1 69.1

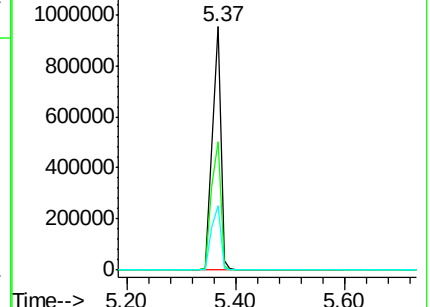
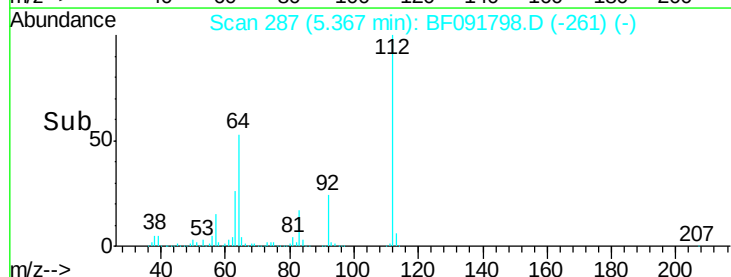
63 26.4 23.8 35.6

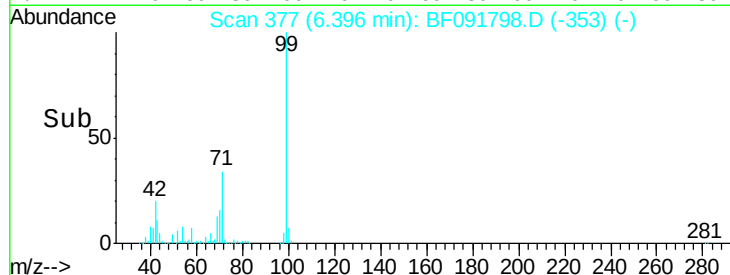
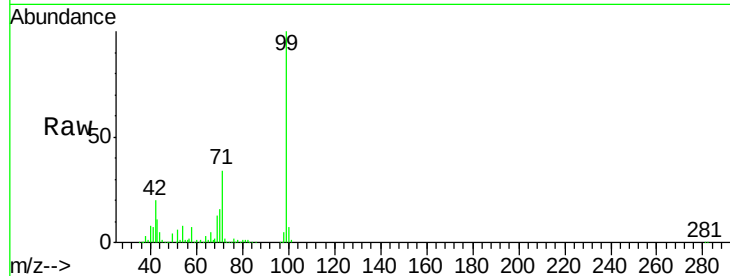
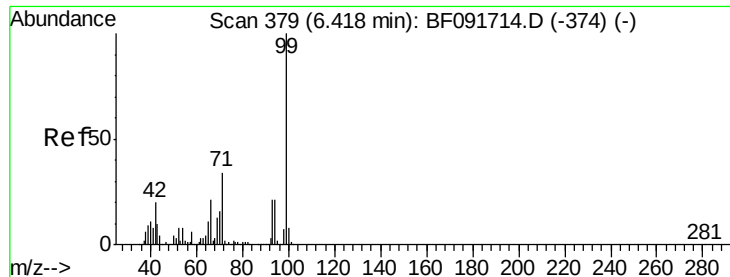


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SBW-5

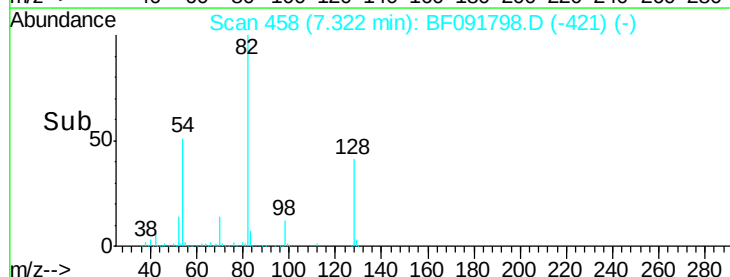
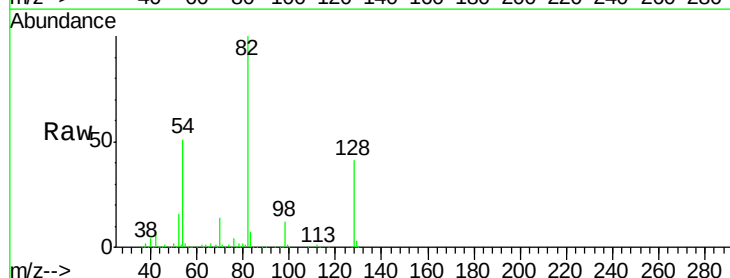
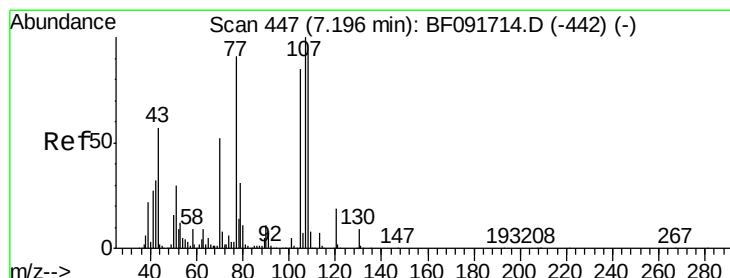
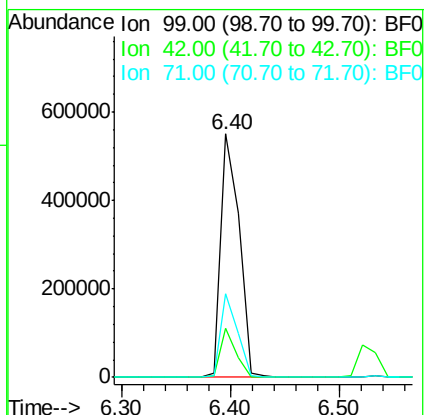
Tgt Ion: 99 Resp: 654266

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

71 34.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.63 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

Tgt Ion: 70 Resp: 166486

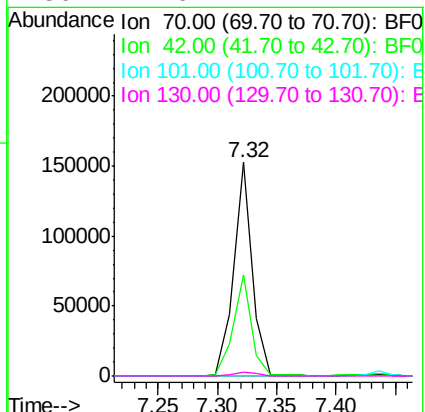
Ion Ratio Lower Upper

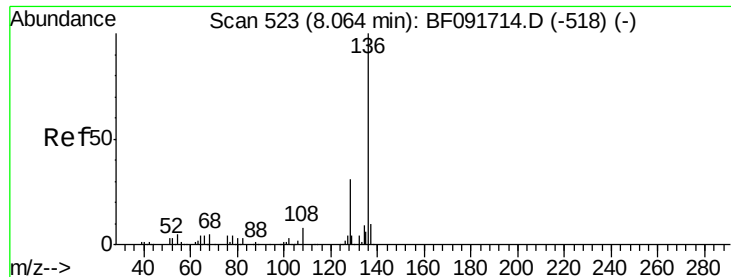
70 100

42 47.6 49.4 74.0#

101 0.0 7.4 11.2#

130 1.6 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SBW-5

Tgt Ion: 136 Resp: 942050

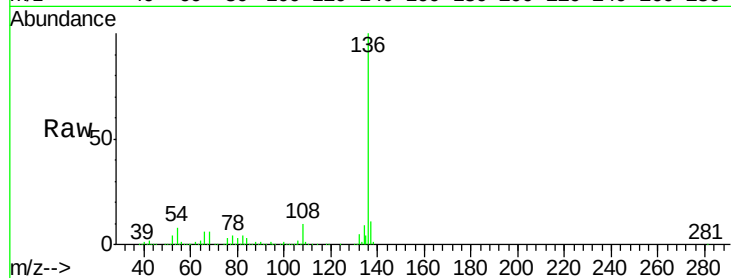
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.4 4.5 6.7#

68 6.3 3.6 5.4#

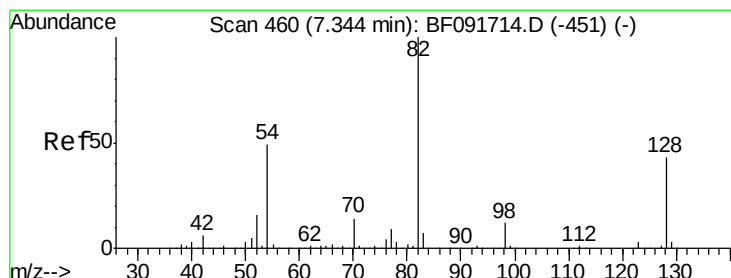
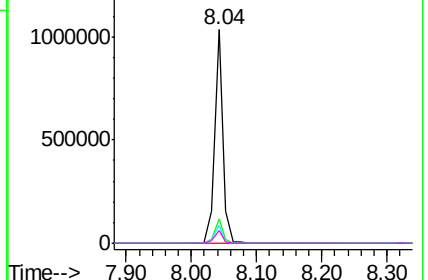
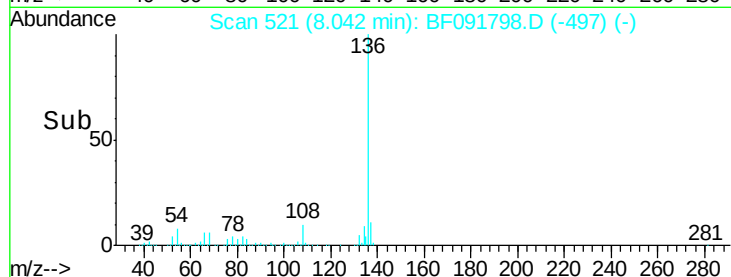


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.22 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

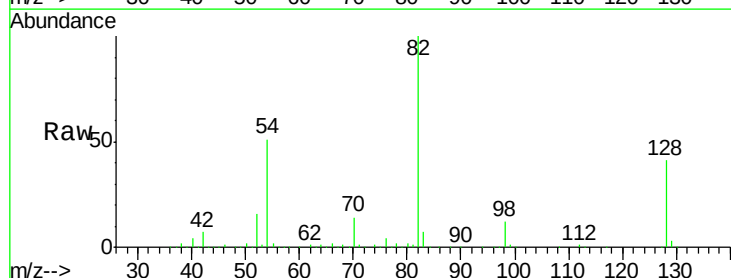
Tgt Ion: 82 Resp: 1277813

Ion Ratio Lower Upper

82 100

128 40.6 34.6 52.0

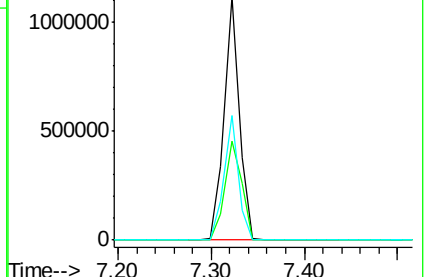
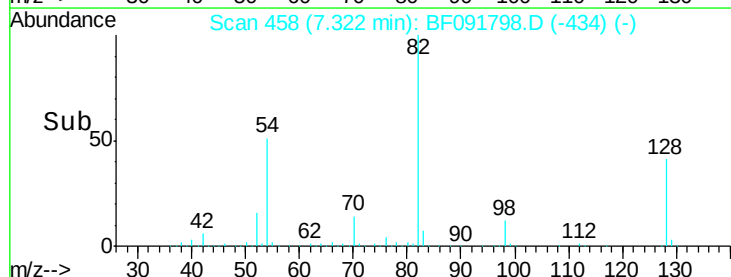
54 51.2 39.5 59.3

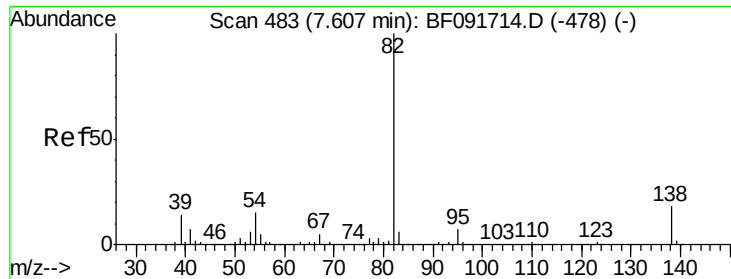


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.04 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SBW-5

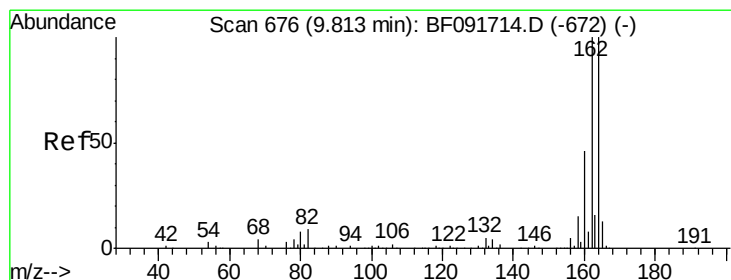
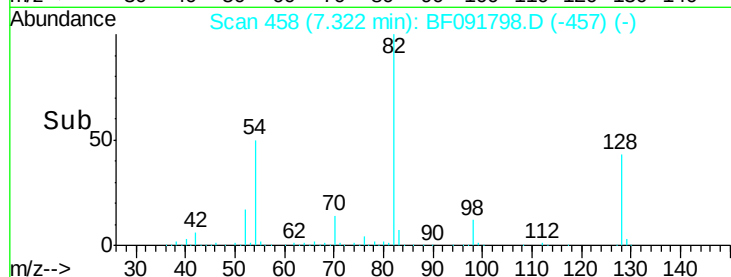
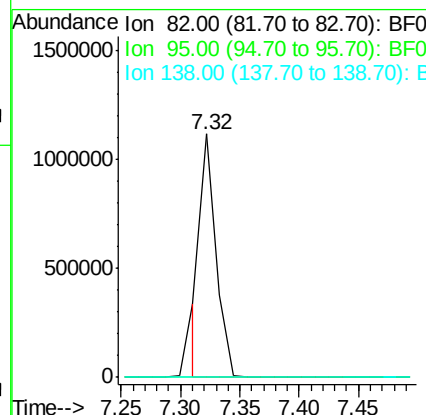
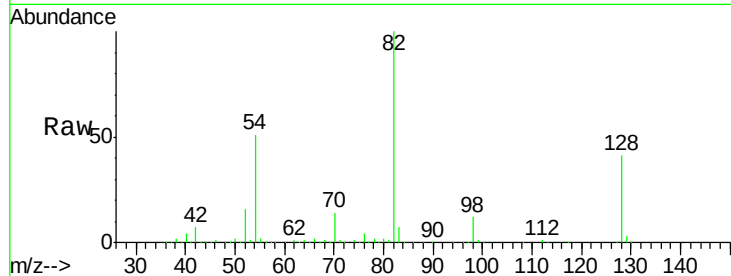
Tgt Ion: 82 Resp: 1029816

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

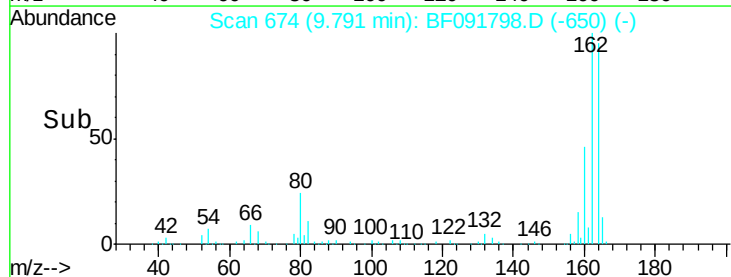
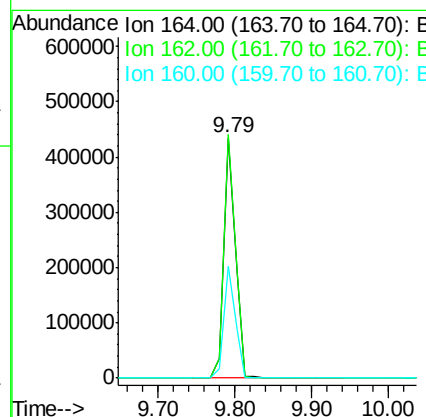
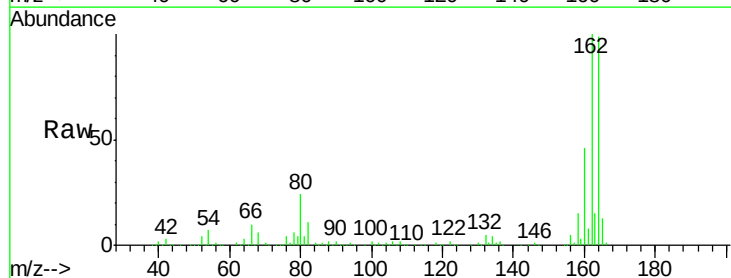
Tgt Ion: 164 Resp: 458347

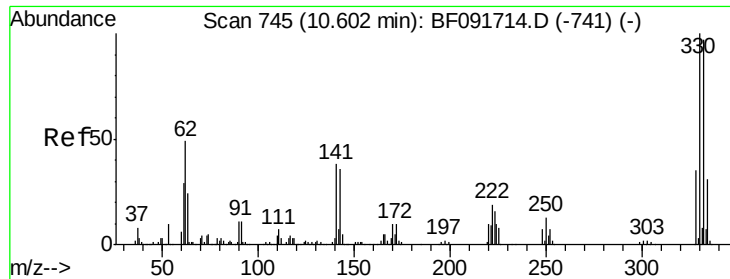
Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

160 46.4 36.9 55.3

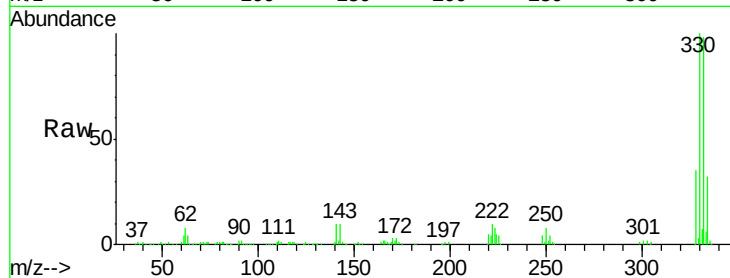




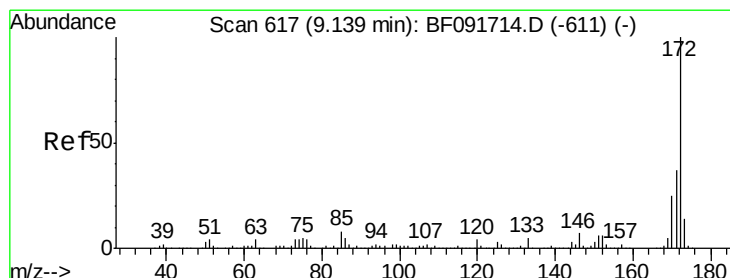
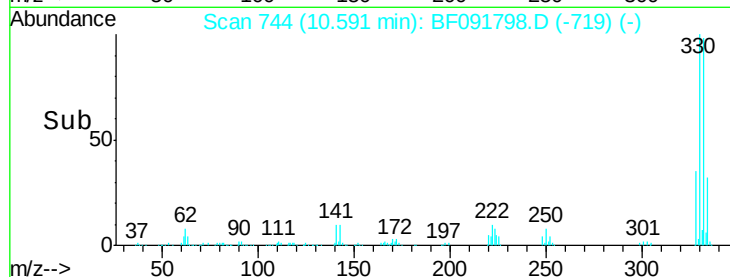
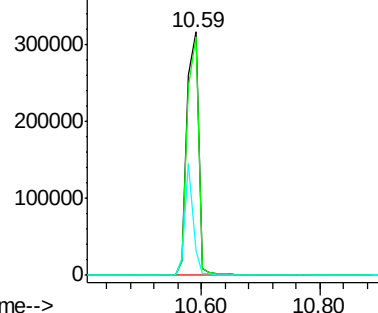
#41
 2,4,6-Tribromophenol
 Concen: 109.72 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091798.D
 Acq: 20 Dec 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SBW-5

Tgt Ion:330 Resp: 426431
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 33.4 34.1 51.1#

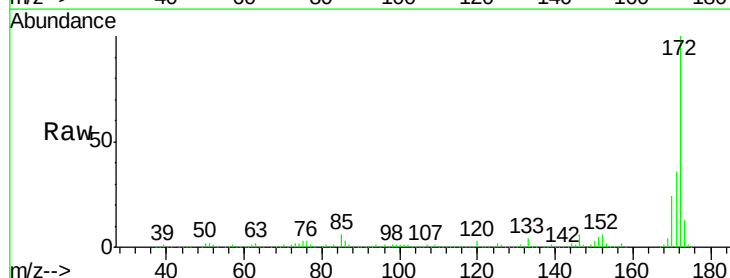


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

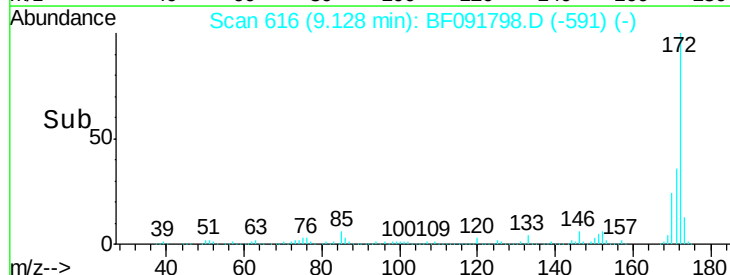
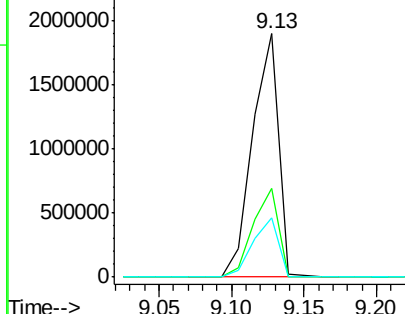


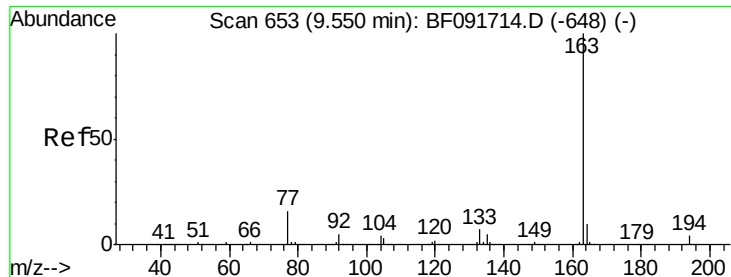
#44
 2-Fluorobiphenyl
 Concen: 103.57 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091798.D
 Acq: 20 Dec 2016 2:48

Tgt Ion:172 Resp: 2363016
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 20.2 30.4



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

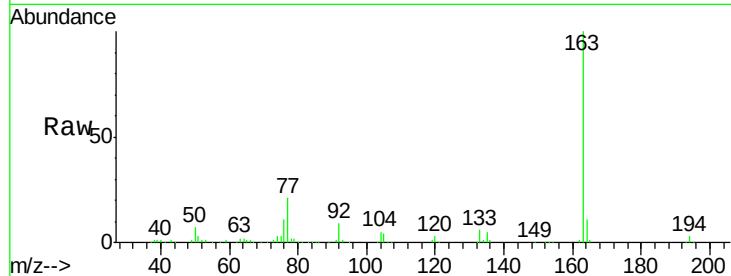




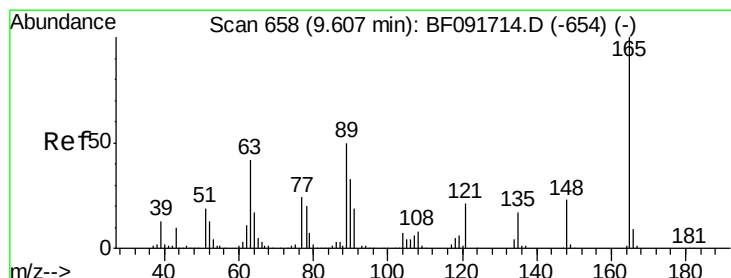
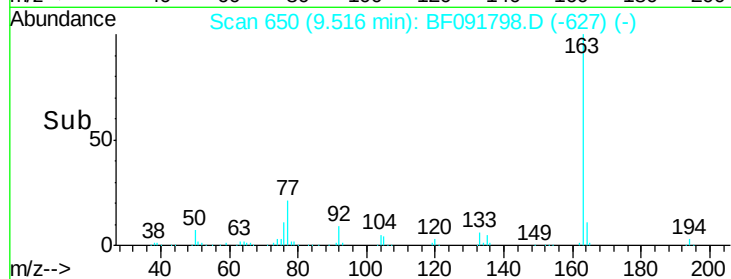
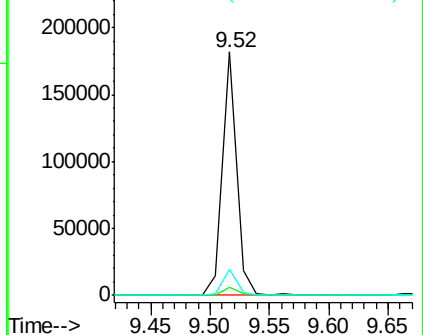
#49
Dimethylphthalate
Concen: 5.00 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	8.0	12.0

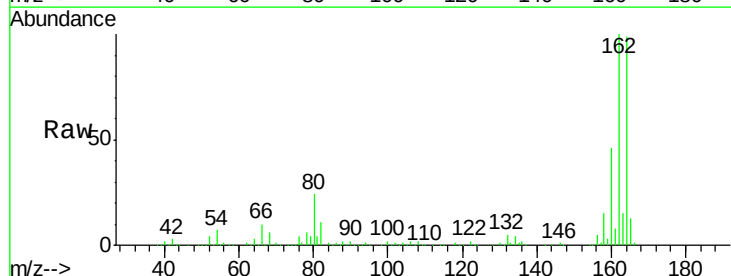


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

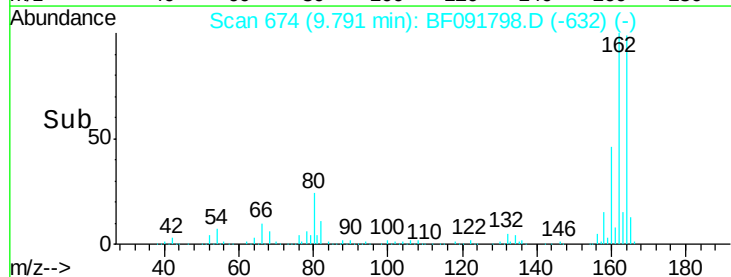
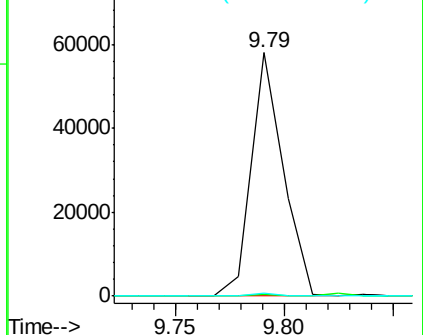


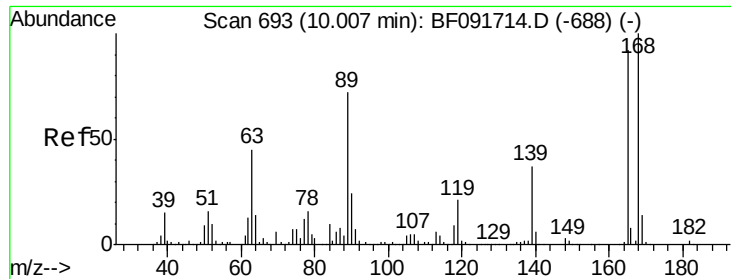
#50
2,6-Dinitrotoluene
Concen: 9.03 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.18 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	1.4	40.2	60.4#



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

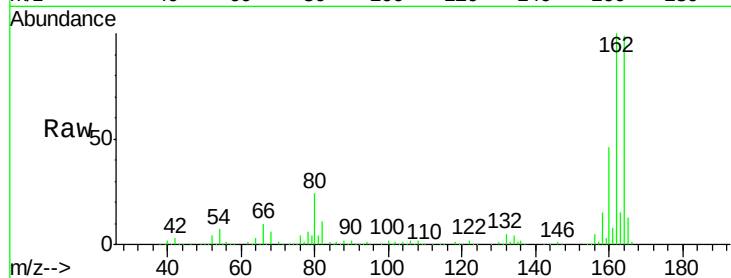




#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:	165	Resp:	59267
Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

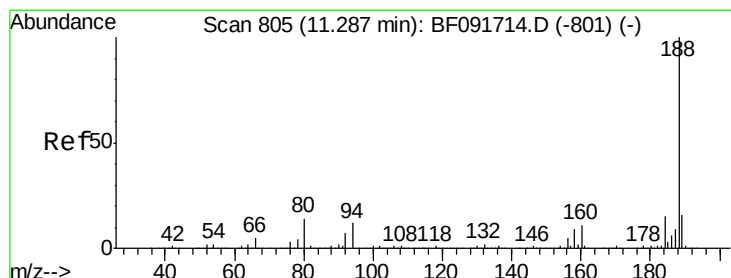
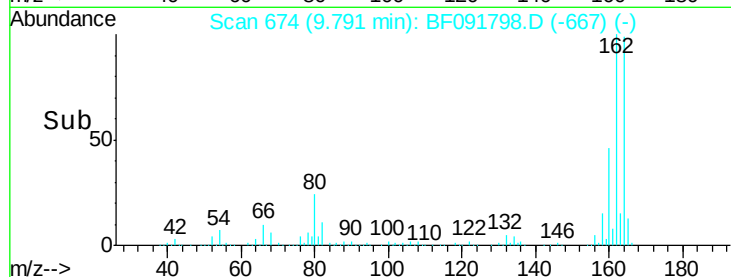
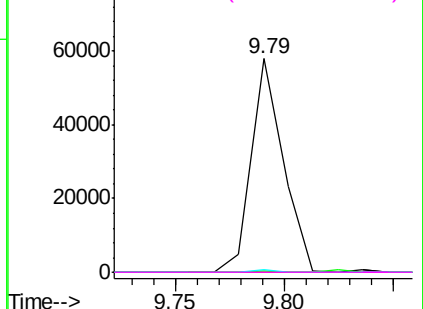


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

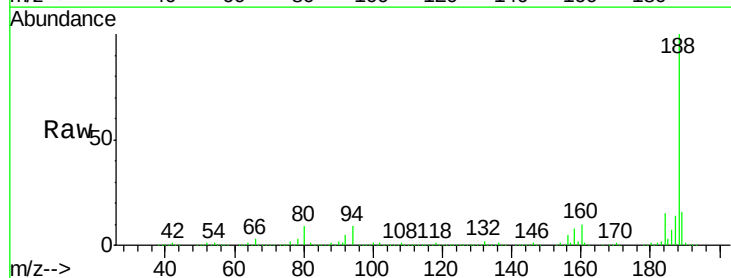
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

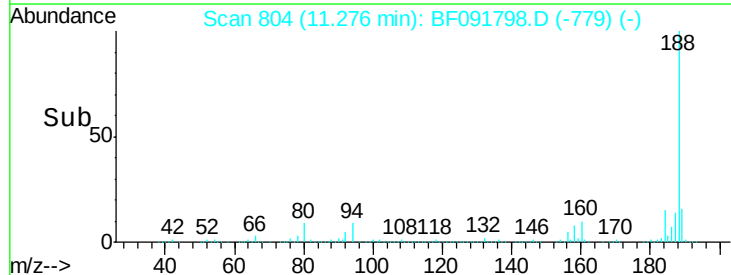
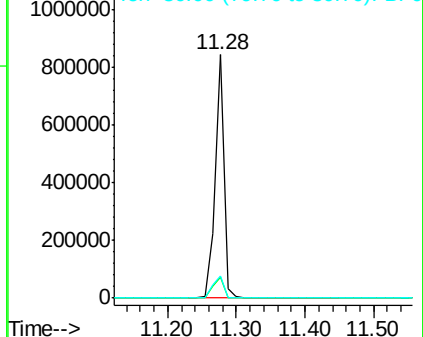
Tgt Ion:	188	Resp:	767288
Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.9	11.2	16.8#

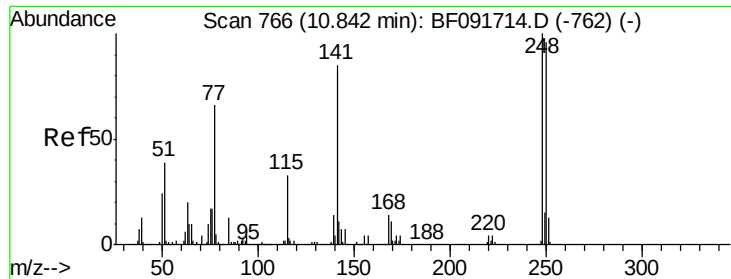


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

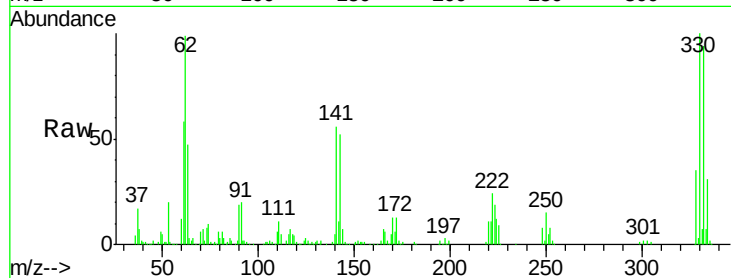




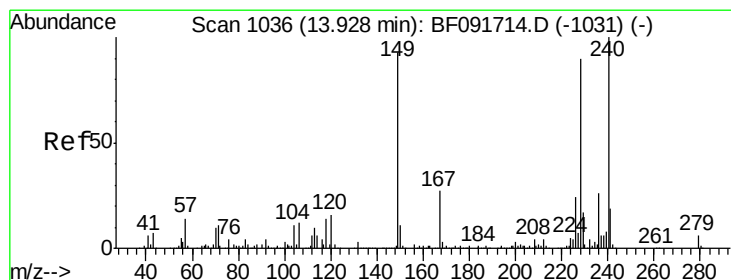
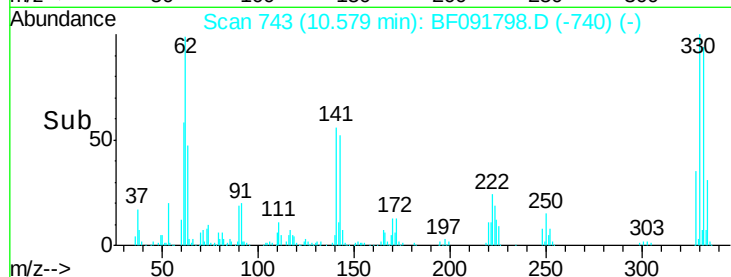
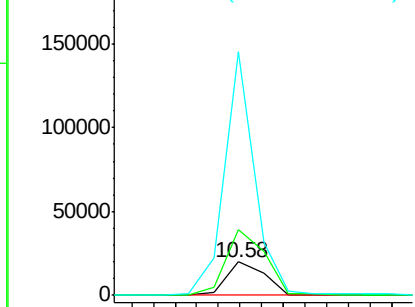
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.26 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SBW-5

Tgt Ion:248 Resp: 24477
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 728.1 68.2 102.4#

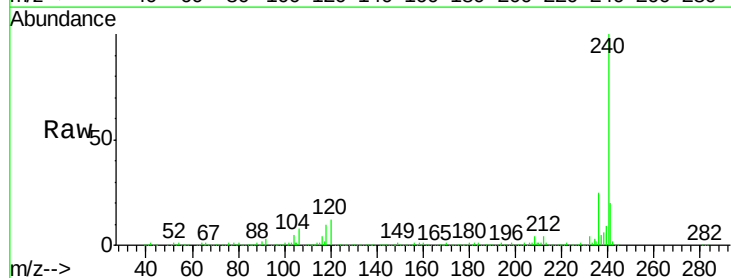


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

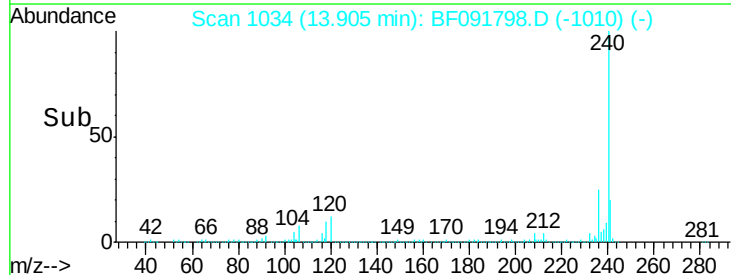
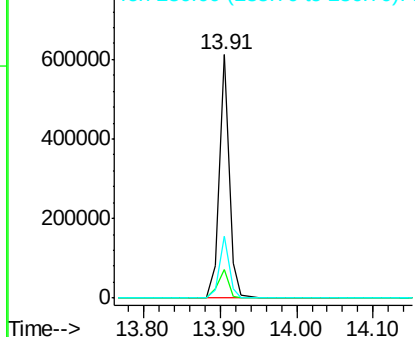


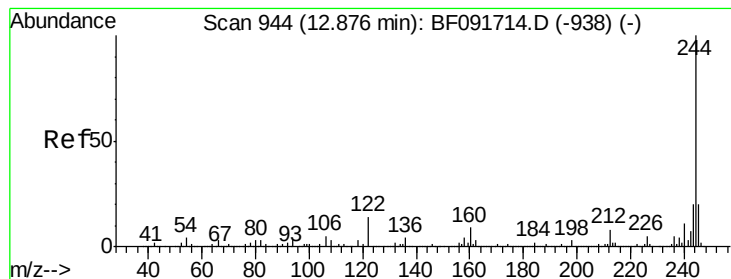
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091798.D
Acq: 20 Dec 2016 2:48

Tgt Ion:240 Resp: 552242
Ion Ratio Lower Upper
240 100
120 11.8 12.9 19.3#
236 25.5 20.9 31.3



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: 82.85 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SBW-5

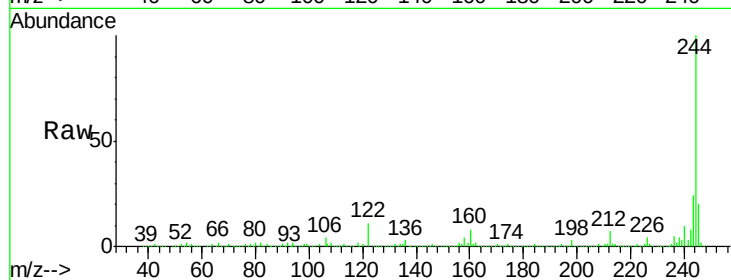
Tgt Ion:244 Resp: 1812100

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

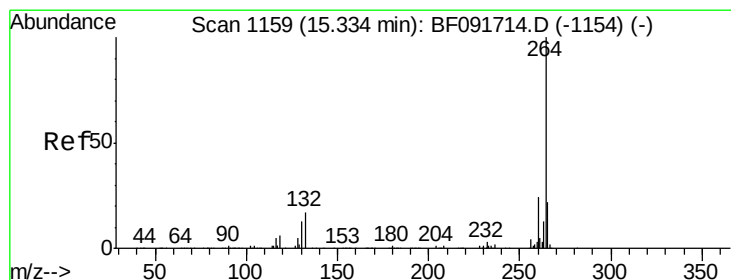
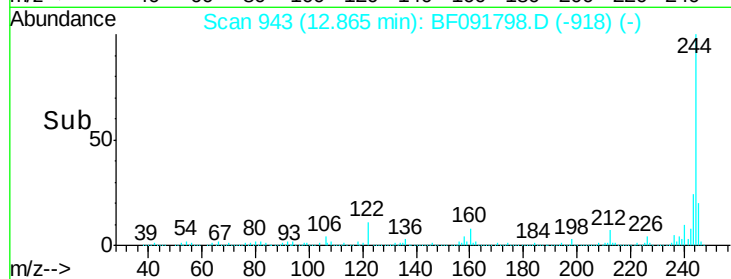
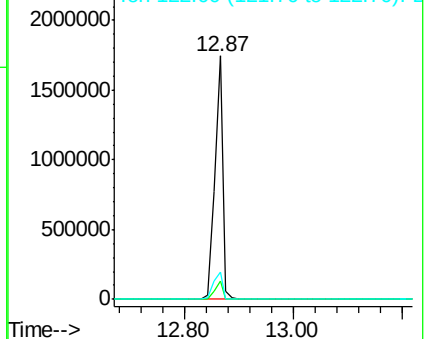
122 11.4 11.4 17.2#



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: 15.30 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF091798.D

Acq: 20 Dec 2016 2:48

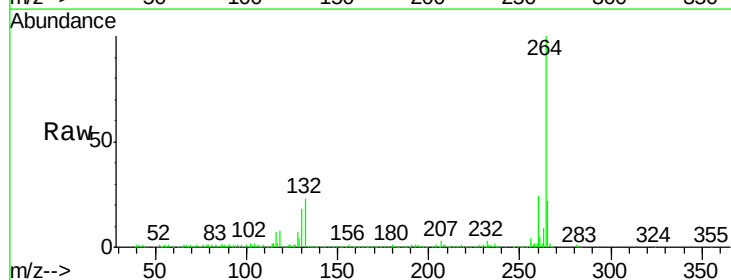
Tgt Ion:264 Resp: 446263

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 17.4 26.0



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

