

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091818.D
 Acq On : 20 Dec 2016 14:22
 Operator : UM/SJ
 Sample : H6165-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Quant Time: Dec 20 23:40:21 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

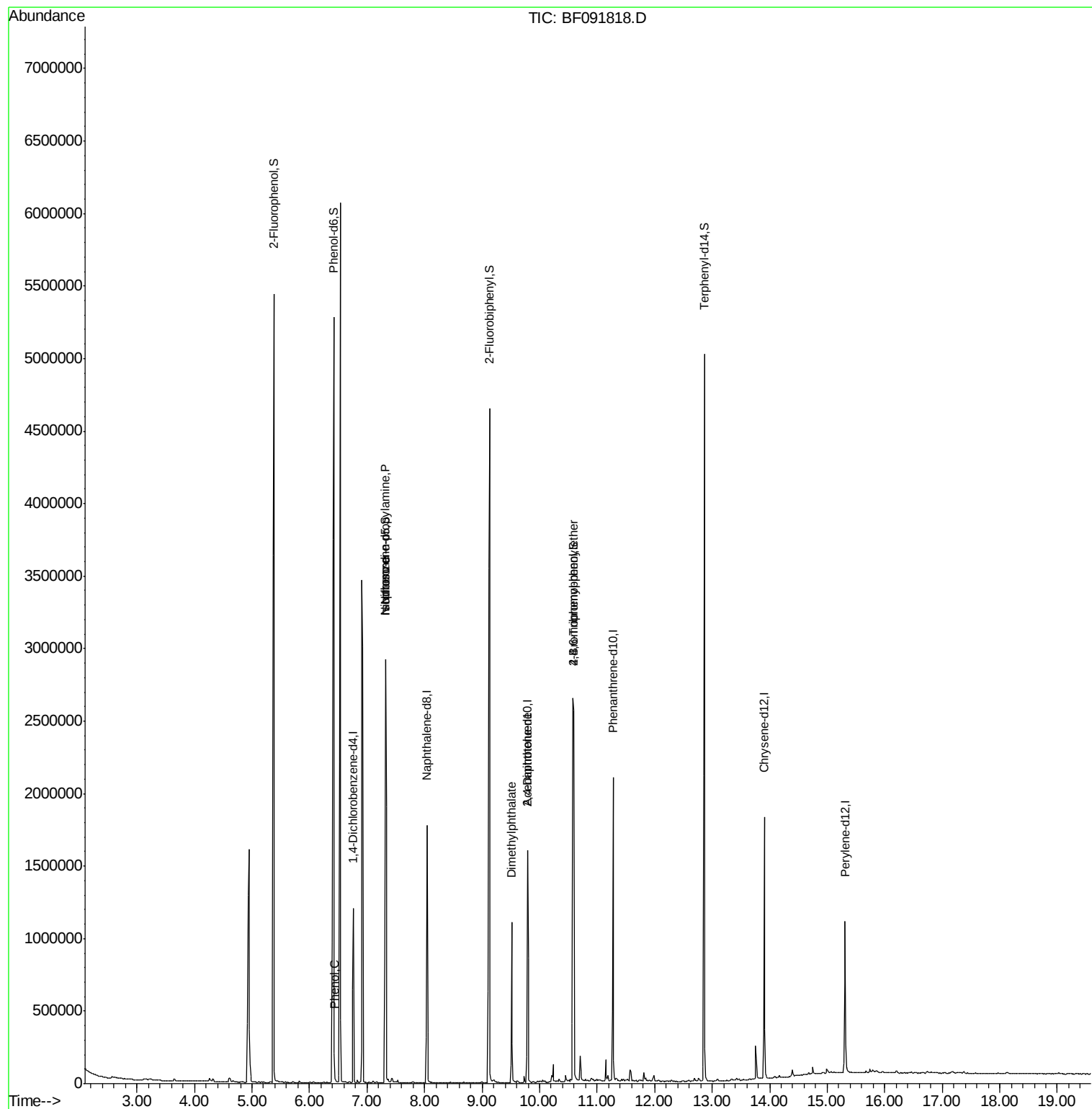
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	216599	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	857060	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	436520	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	754863	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	602164	20.00	ng	-0.02
86) Perylene-d12	15.31	264	501841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1875023	145.03	ng	0.01
7) Phenol-d6	6.42	99	2403715	152.45	ng	0.00
23) Nitrobenzene-d5	7.32	82	1405314	94.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	519948	140.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2106579	96.95	ng	-0.01
78) Terphenyl-d14	12.87	244	1645606	69.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1307	Below Cal		Qvalue 92
10) Phenol	6.43	94	68862	3.87 ng	#	60
19) n-Nitroso-di-n-propylamine	7.32	70	185069	17.65 ng	#	77
25) Isophorone	7.32	82	1180798	41.64 ng	#	65
49) Dimethylphthalate	9.52	163	471008	16.52 ng		99
56) 2,4-Dinitrotoluene	9.79	165	56473	7.23 ng	#	20
66) 4-Bromophenyl-phenylether	10.59	248	31668	4.00 ng	#	1

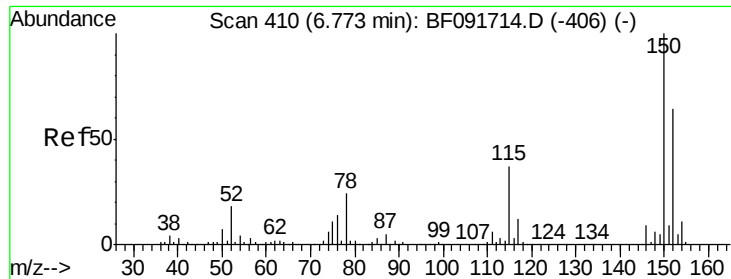
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091818.D
Acq On : 20 Dec 2016 14:22
Operator : UM/SJ
Sample : H6165-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5-9-10

Quant Time: Dec 20 23:40:21 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

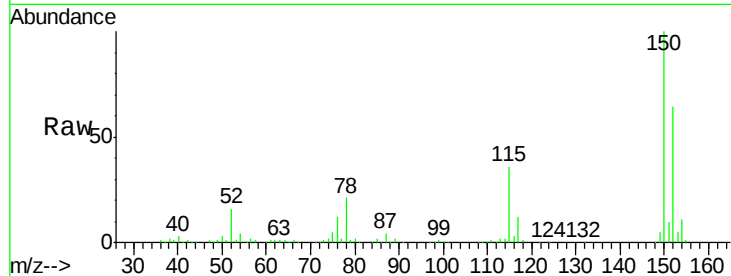




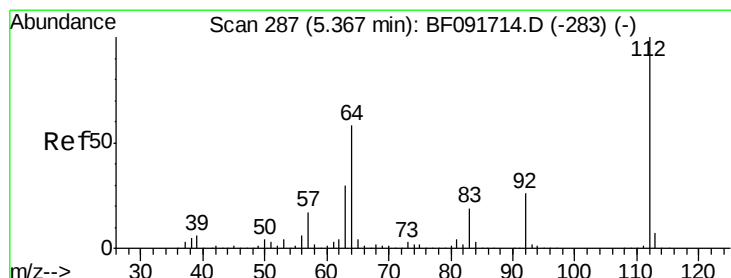
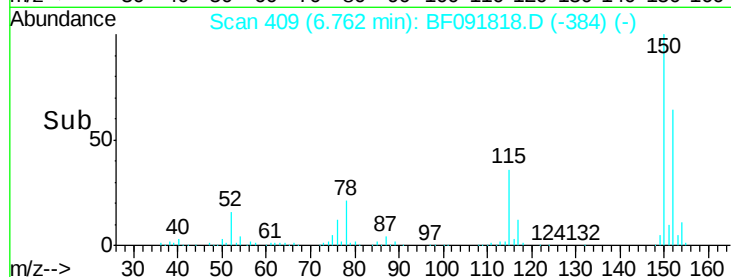
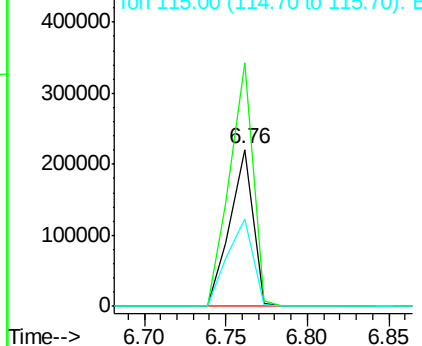
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Tgt Ion:152 Resp: 216599
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 55.6 46.0 69.0

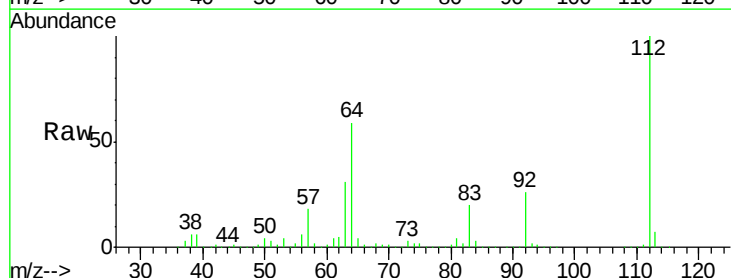


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

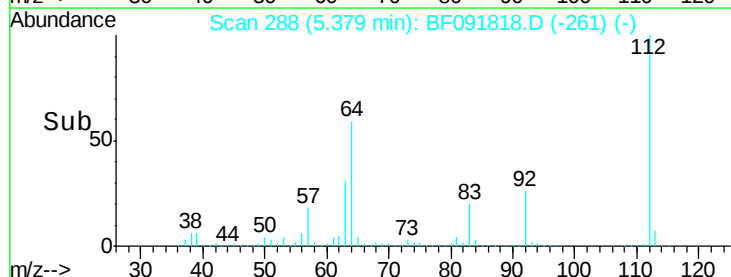
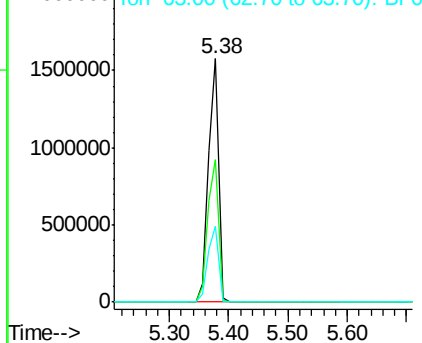


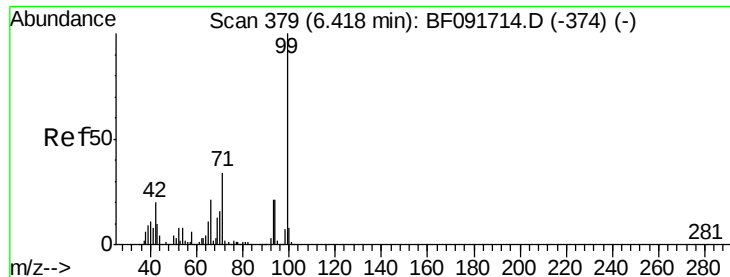
#5
 2-Fluorophenol
 Concen: 145.03 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Tgt Ion:112 Resp: 1875023
 Ion Ratio Lower Upper
 112 100
 64 58.8 46.1 69.1
 63 31.0 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: 152.45 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SB-5-9-10

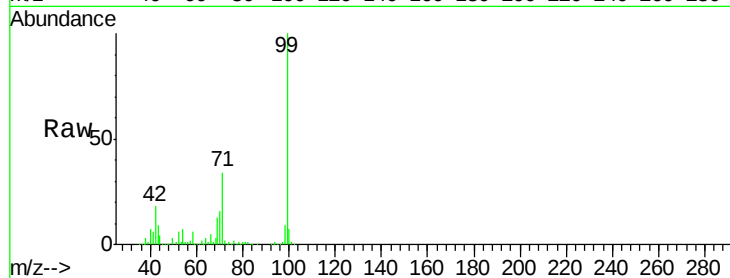
Tgt Ion: 99 Resp: 2403715

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

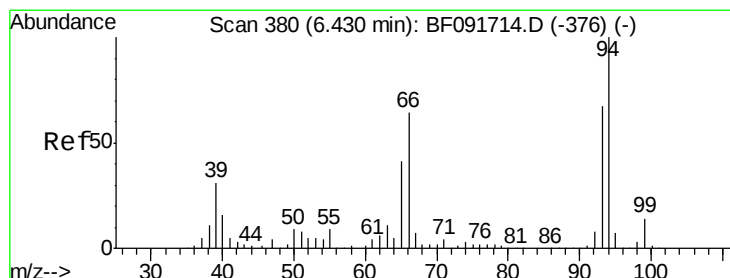
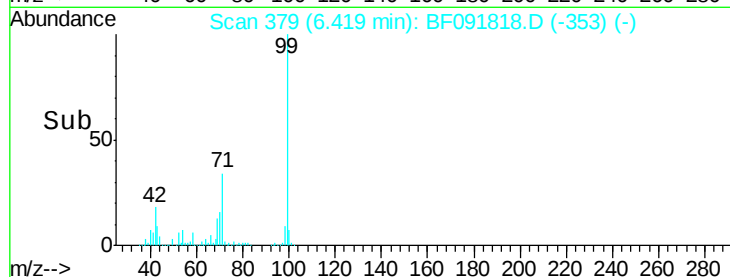
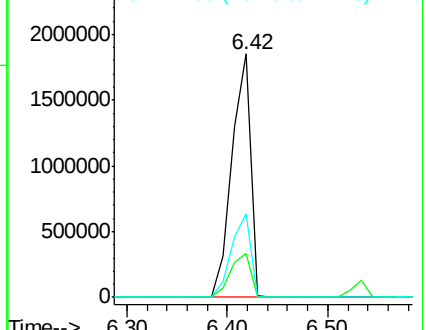
71 34.2 27.5 41.3



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



#10

Phenol

Concen: 3.87 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

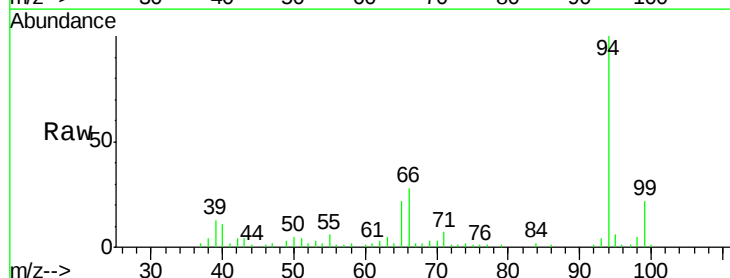
Tgt Ion: 94 Resp: 68862

Ion Ratio Lower Upper

94 100

65 21.7 21.4 61.4

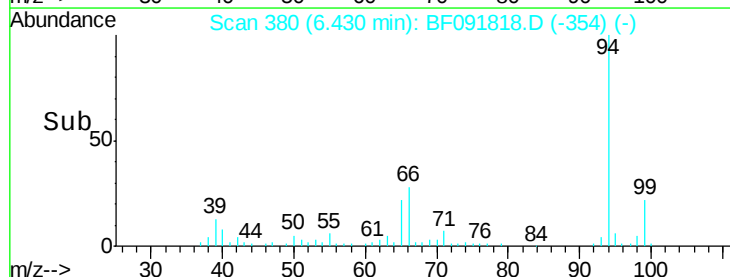
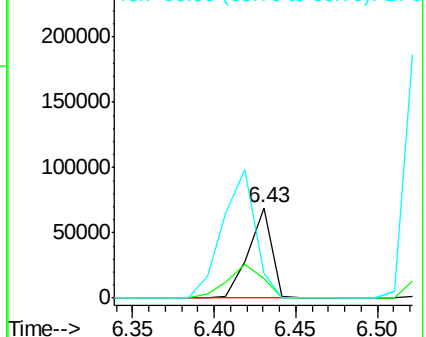
66 28.1 44.0 84.0#

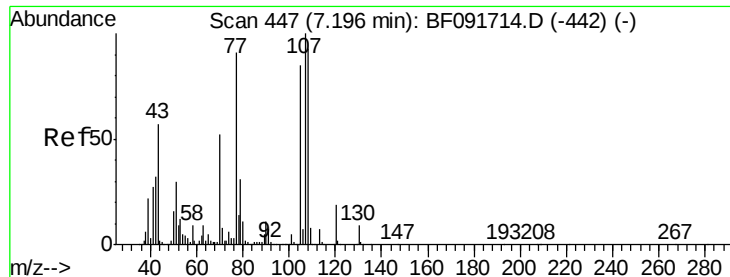


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.65 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SB-5-9-10

Tgt Ion: 70 Resp: 185069

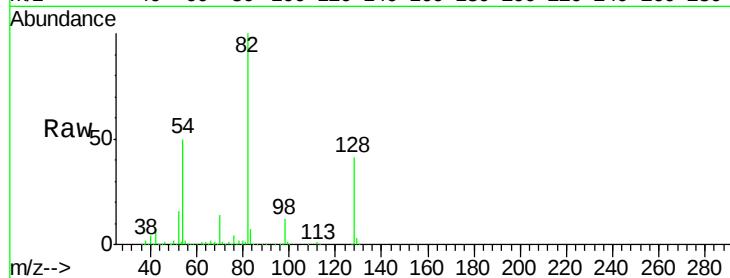
Ion Ratio Lower Upper

70 100

42 47.7 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

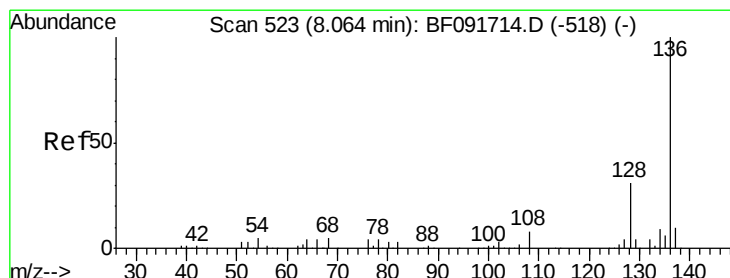
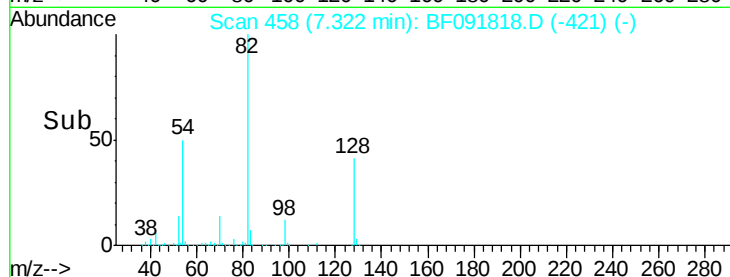
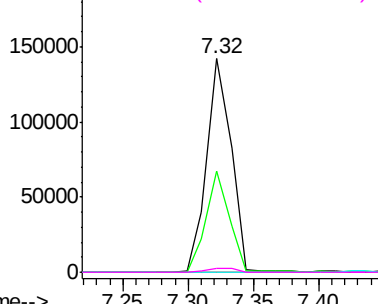


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

Tgt Ion: 136 Resp: 857060

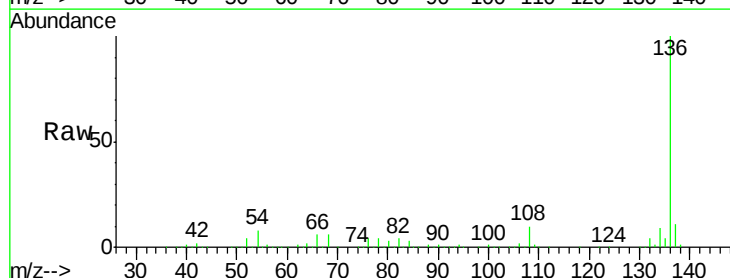
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.0 4.5 6.7#

68 6.4 3.6 5.4#

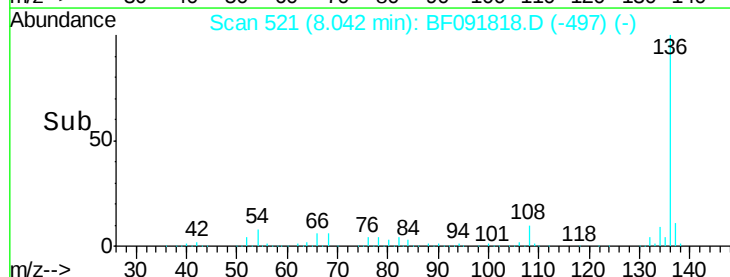
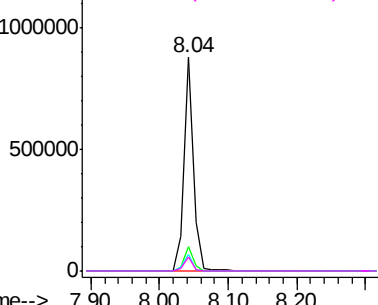


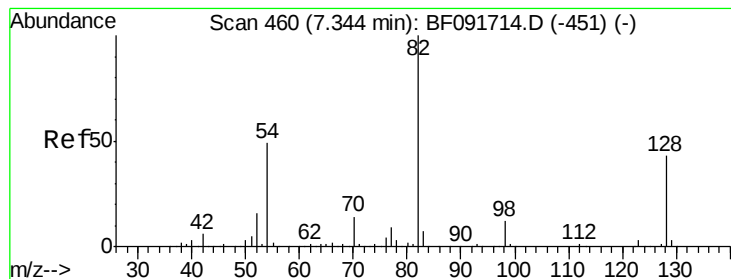
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.56 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

SB-5-9-10

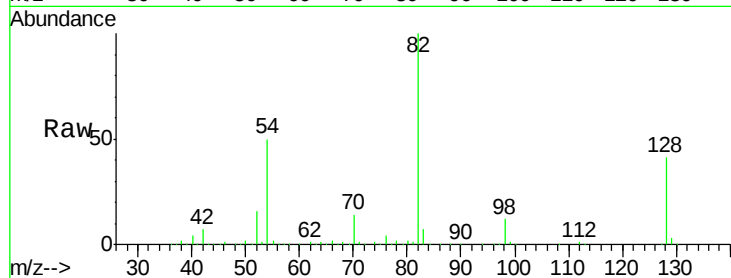
Tgt Ion: 82 Resp: 1405314

Ion Ratio Lower Upper

82 100

128 40.7 34.6 52.0

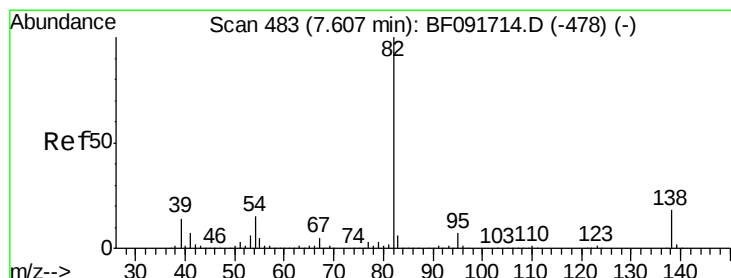
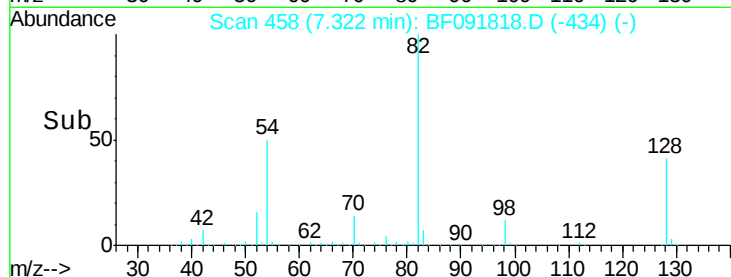
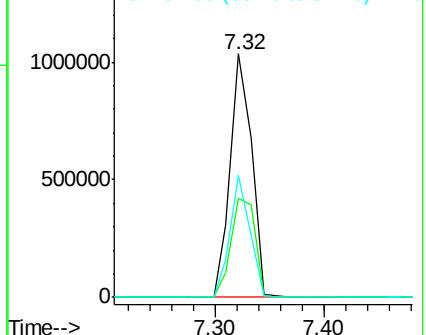
54 50.4 39.5 59.3



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: 41.64 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF091818.D

Acq: 20 Dec 2016 14:22

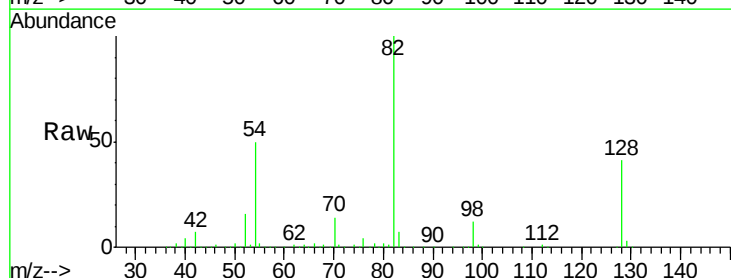
Tgt Ion: 82 Resp: 1180798

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

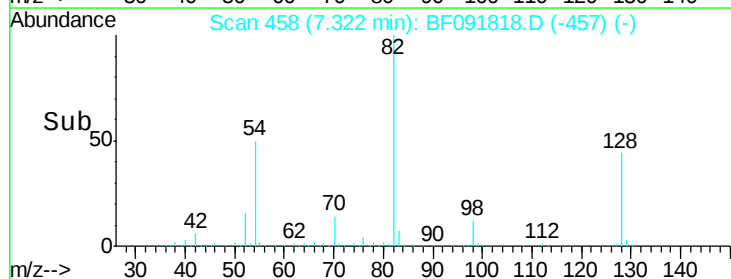
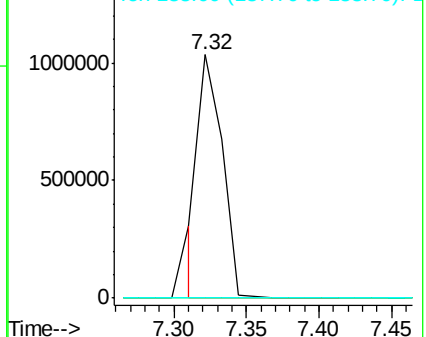
138 0.0 14.6 22.0#

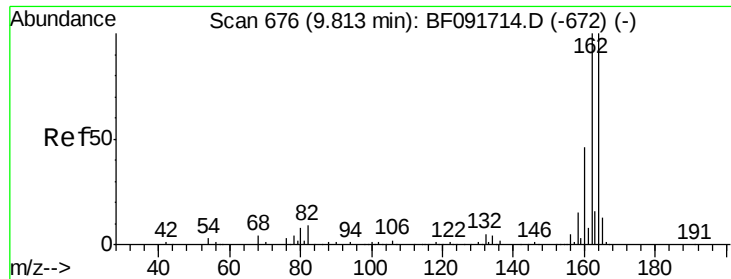


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

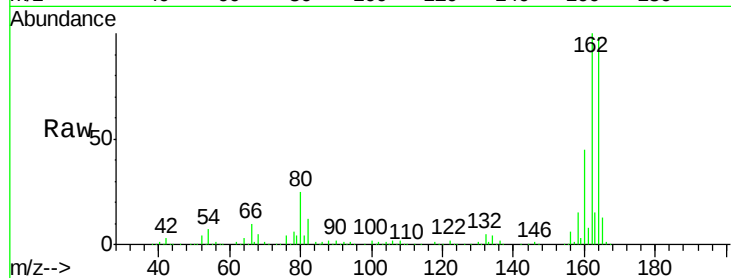




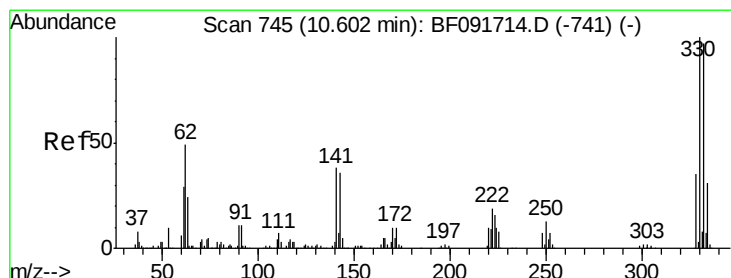
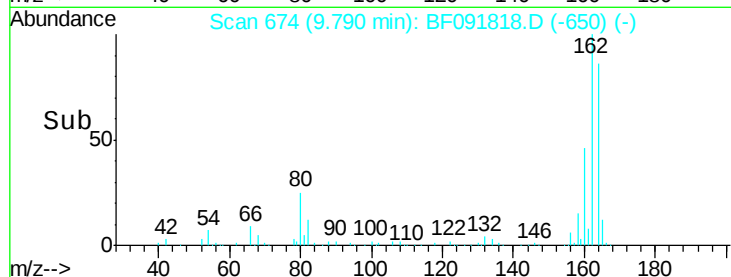
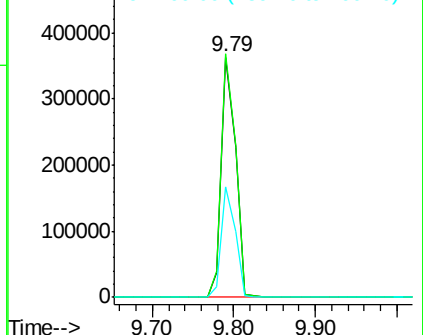
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Instrument :
BNA_F
ClientSampleId :
SB-5-9-10

Tgt Ion:164 Resp: 436520
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.2
160 45.9 36.9 55.3

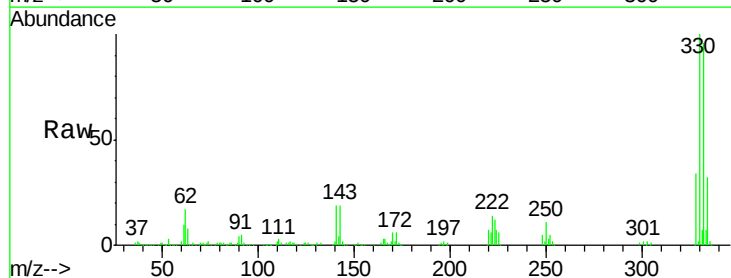


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

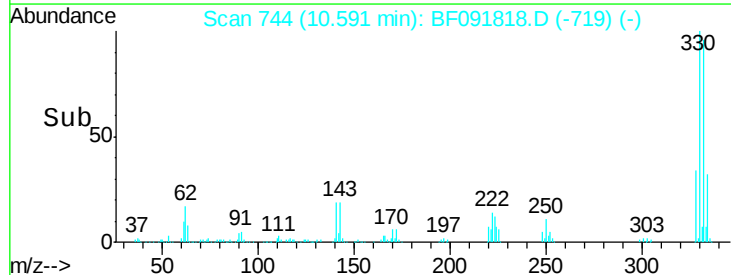
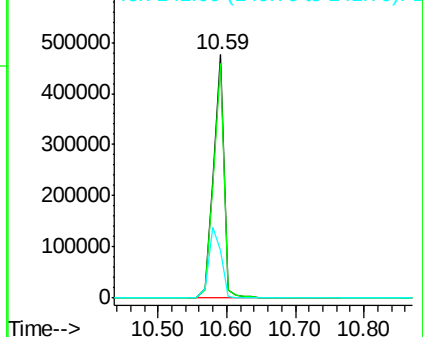


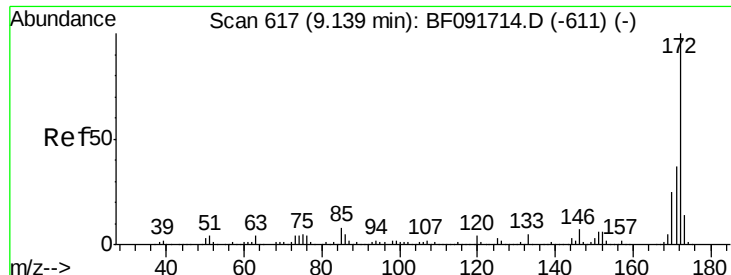
#41
2,4,6-Tribromophenol
Concen: 140.47 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091818.D
Acq: 20 Dec 2016 14:22

Tgt Ion:330 Resp: 519948
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.2 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

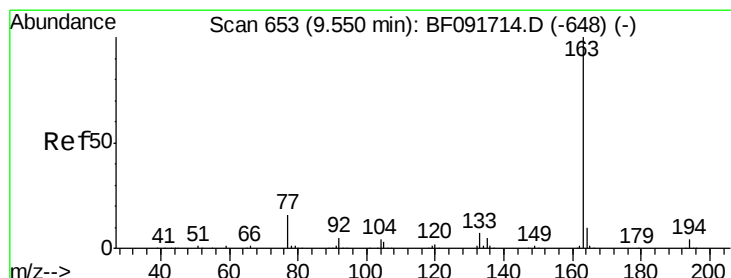
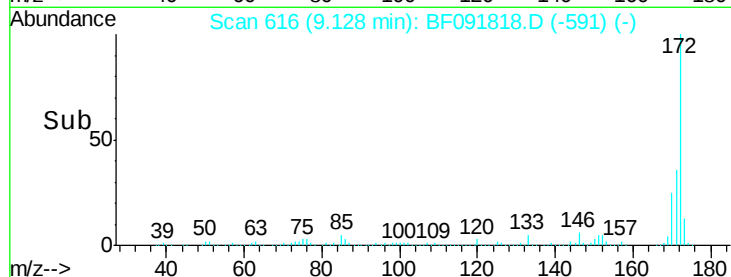
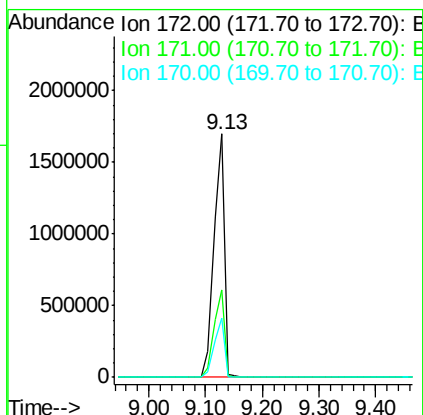
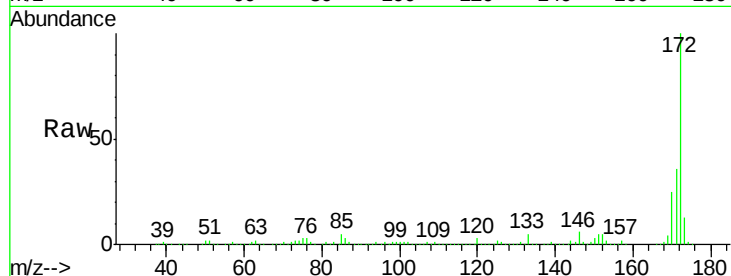




#44
 2-Fluorobiphenyl
 Concen: 96.95 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

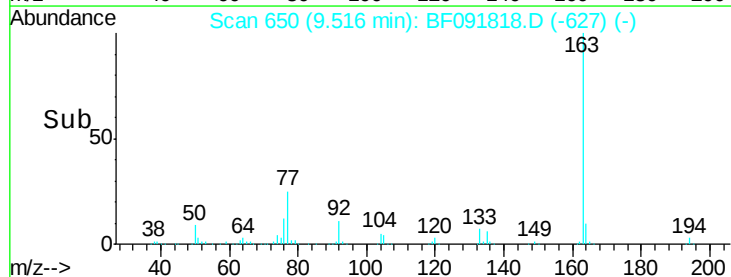
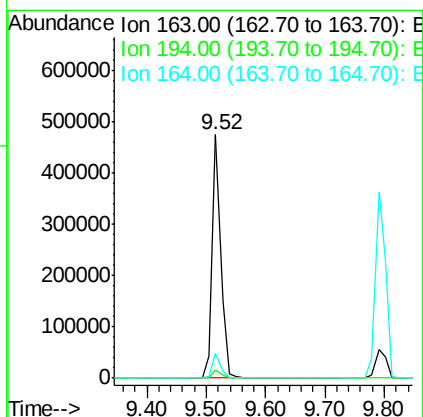
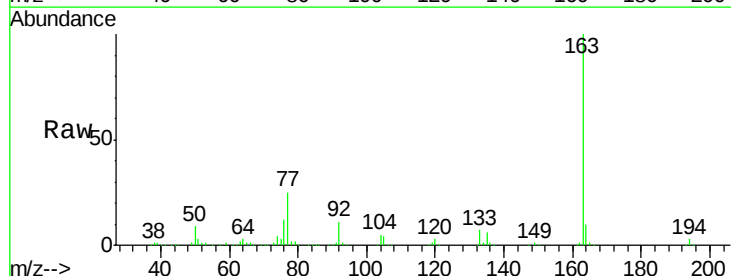
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

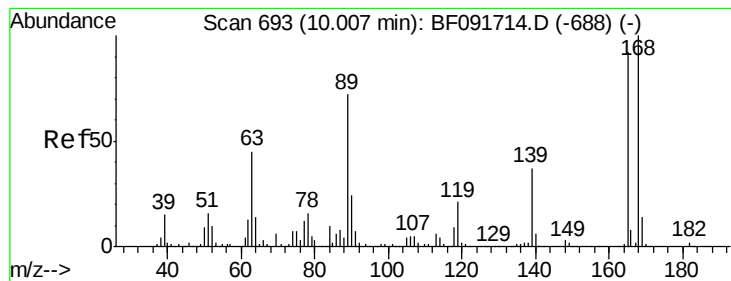
Tgt Ion:172 Resp: 2106579
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 20.2 30.4



#49
 Dimethylphthalate
 Concen: 16.52 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Tgt Ion:163 Resp: 471008
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.4 8.0 12.0

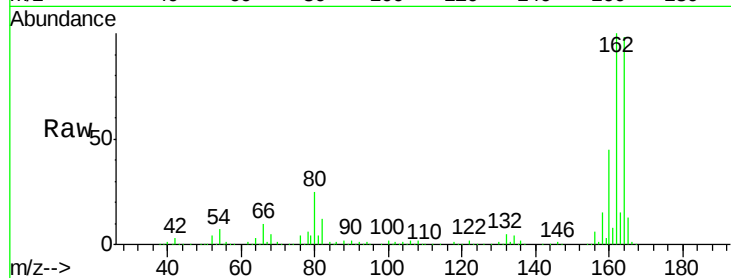




#56
 2,4-Dinitrotoluene
 Concen: 7.23 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

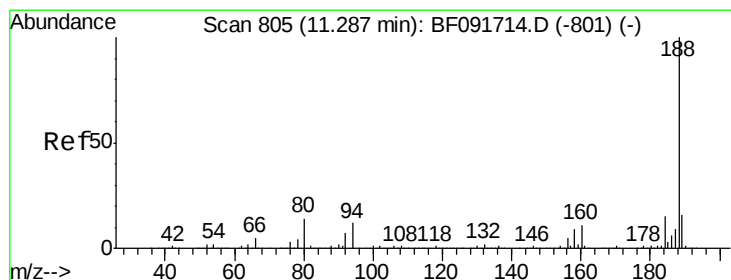
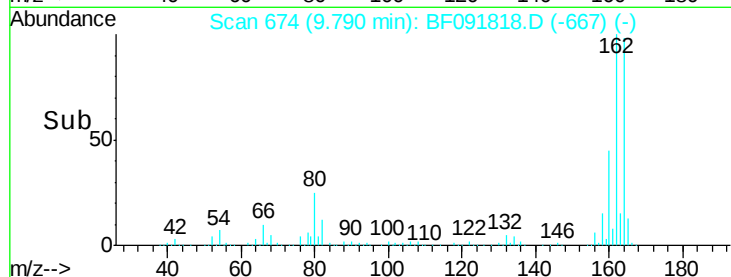
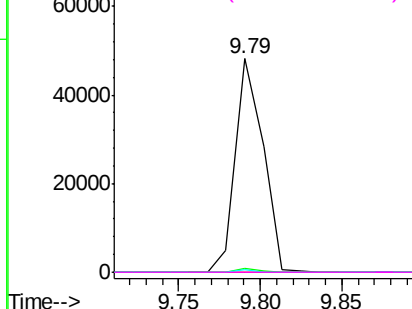


Abundance Ion 165.00 (164.70 to 165.70): E

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



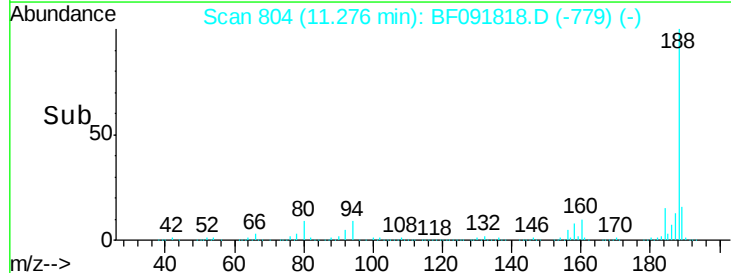
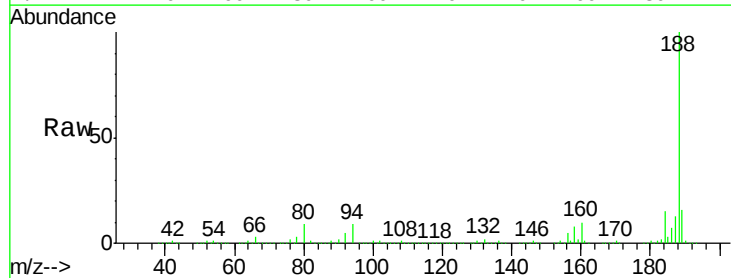
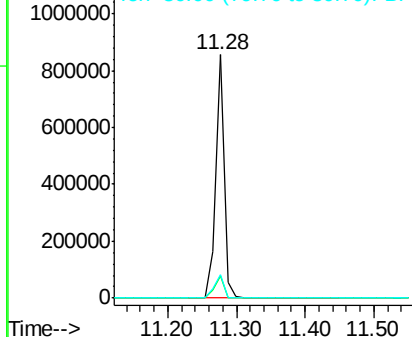
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

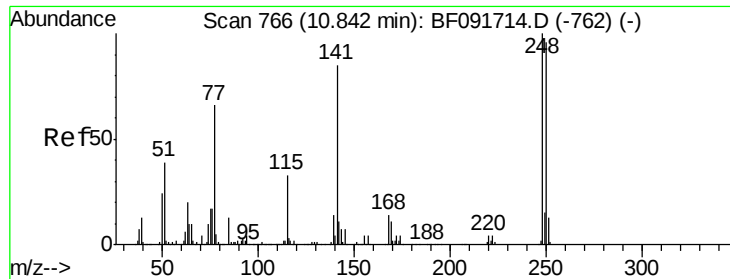
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.0	15.0#
80	9.5	11.2	16.8#

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

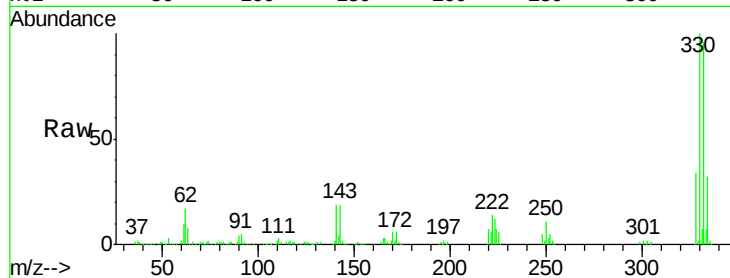




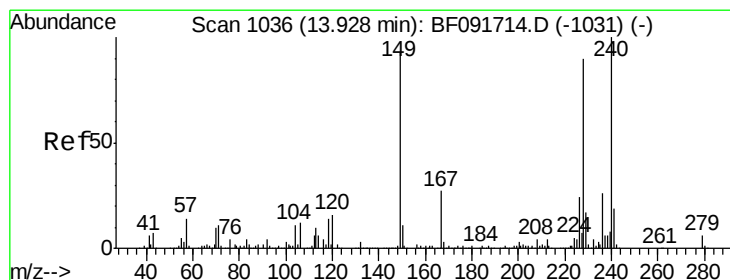
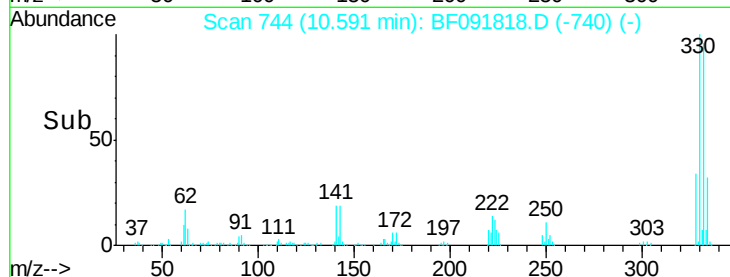
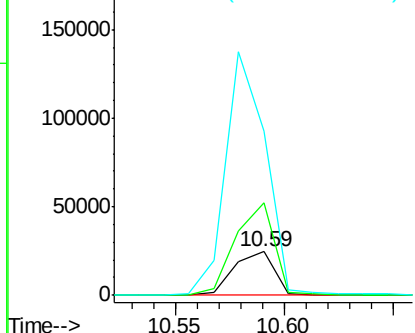
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Tgt Ion:248 Resp: 31668
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.9 115.3#
 141 374.4 68.2 102.4#

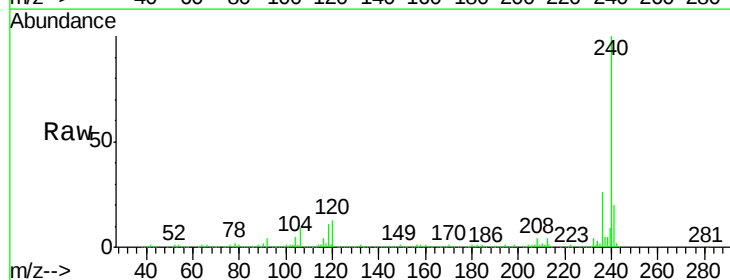


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

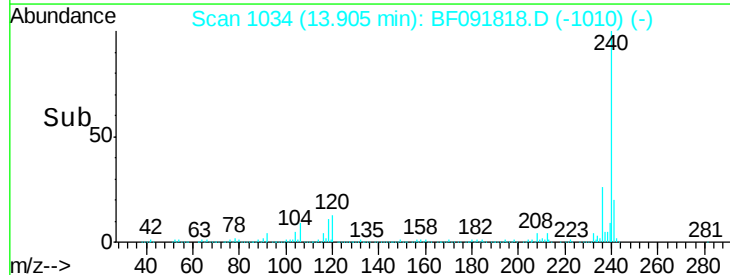
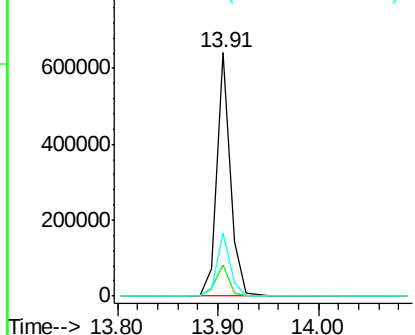


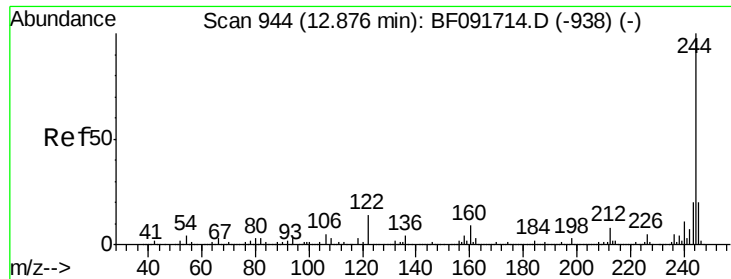
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Tgt Ion:240 Resp: 602164
 Ion Ratio Lower Upper
 240 100
 120 13.0 12.9 19.3
 236 25.8 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

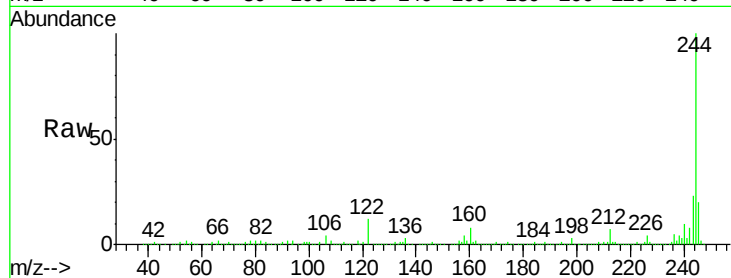




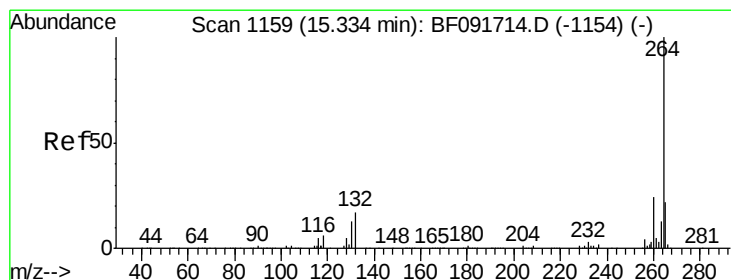
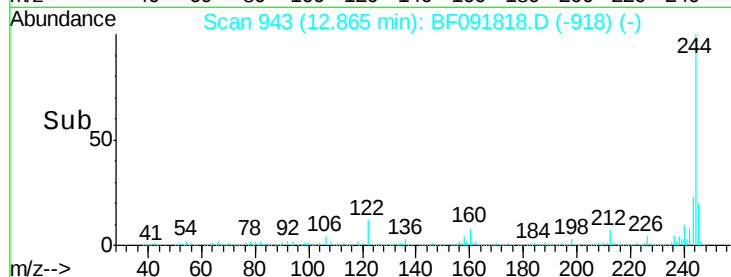
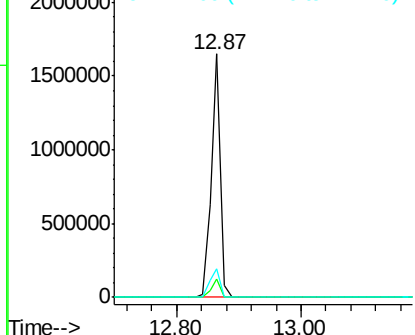
#78
 Terphenyl-d14
 Concen: 69.00 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-9-10

Tgt Ion:244 Resp: 1645606
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.8 11.4 17.2

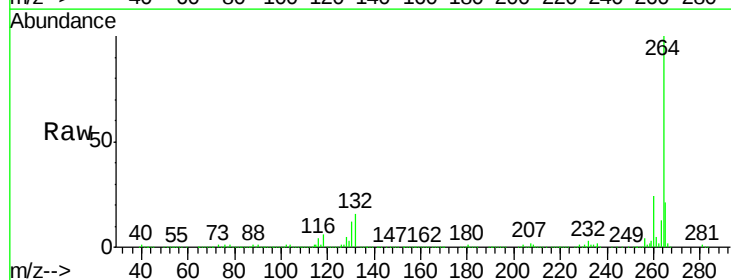


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091818.D
 Acq: 20 Dec 2016 14:22

Tgt Ion:264 Resp: 501841
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 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

