

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091824.D
 Acq On : 20 Dec 2016 17:08
 Operator : UM/SJ
 Sample : H6165-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-14-15

Quant Time: Dec 20 23:47:00 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

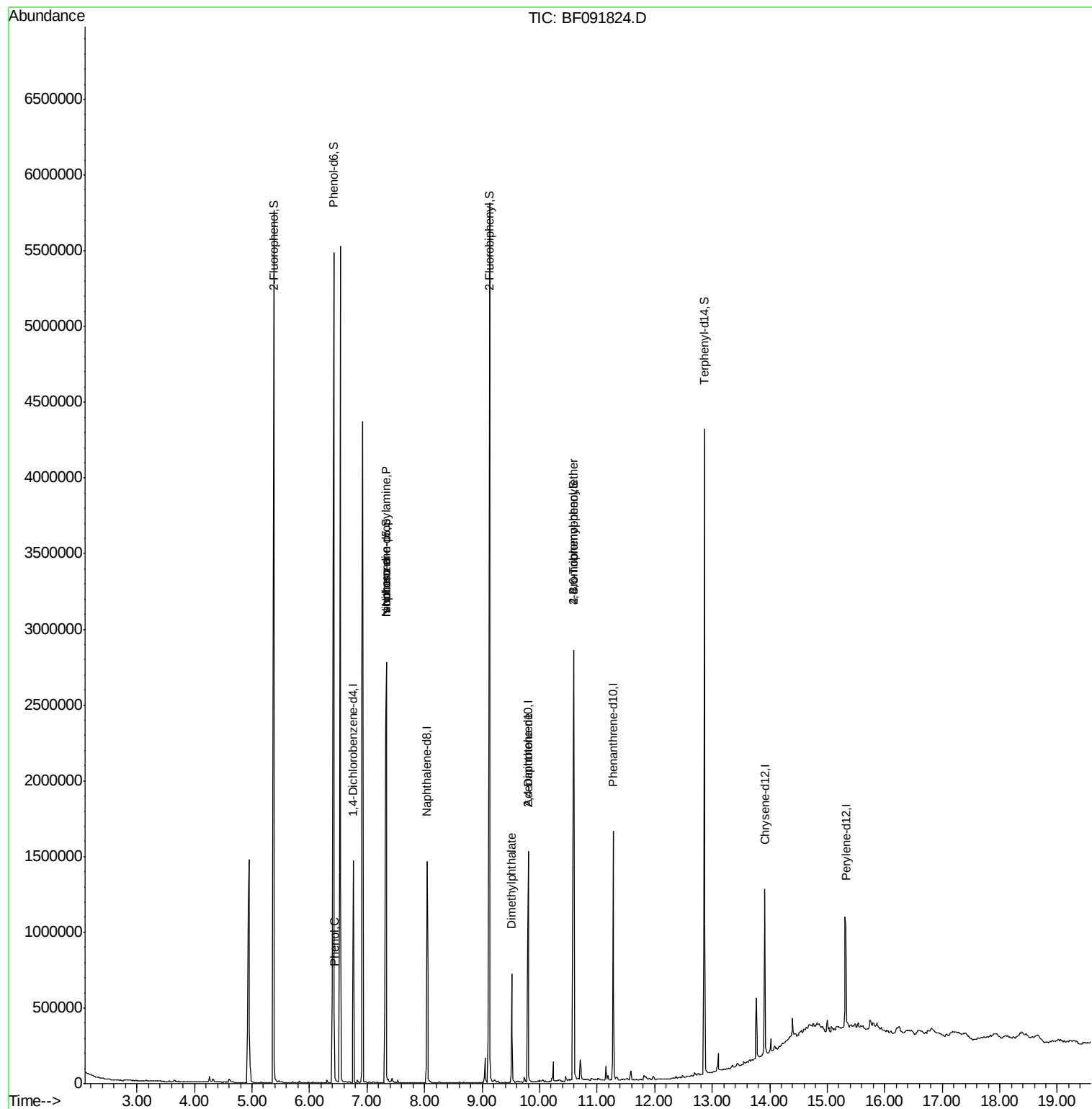
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	215622	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	811087	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	424839	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	648639	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	513851	20.00	ng	-0.01
86) Perylene-d12	15.32	264	429880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1782643	138.51	ng	0.01
7) Phenol-d6	6.42	99	2172802	138.43	ng	0.00
23) Nitrobenzene-d5	7.33	82	1394303	99.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	389882	108.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2011719	95.13	ng	-0.01
78) Terphenyl-d14	12.87	244	1372906	67.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	4110	Below Cal		Qvalue 97
10) Phenol	6.43	94	111283	6.29 ng	#	65
19) n-Nitroso-di-n-propylamine	7.33	70	187236	17.93 ng	#	71
25) Isophorone	7.33	82	1265067	47.14 ng	#	65
49) Dimethylphthalate	9.52	163	344939	12.43 ng		98
56) 2,4-Dinitrotoluene	9.80	165	54791	7.21 ng	#	19
66) 4-Bromophenyl-phenylether	10.59	248	25969	3.82 ng	#	1

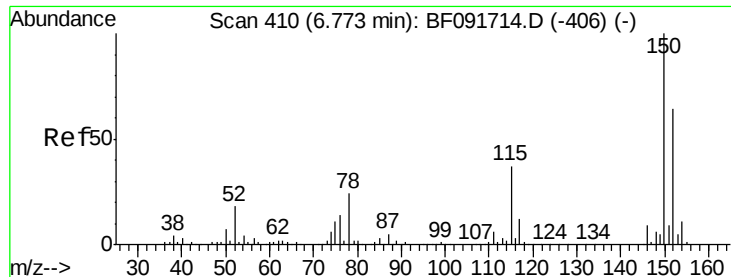
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 17 22:53:54 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

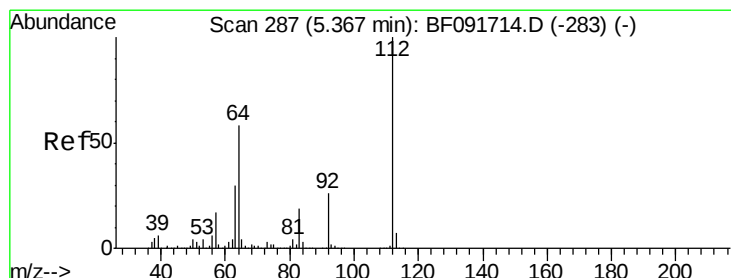
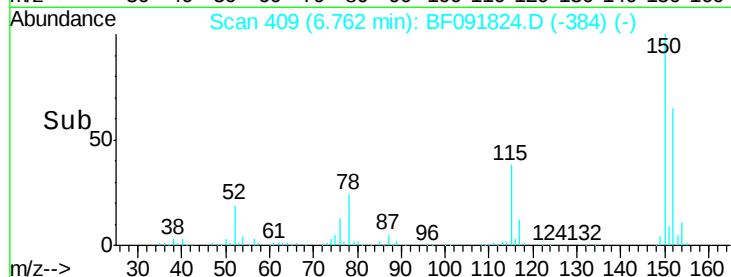
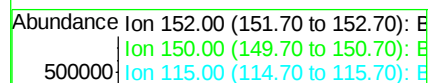
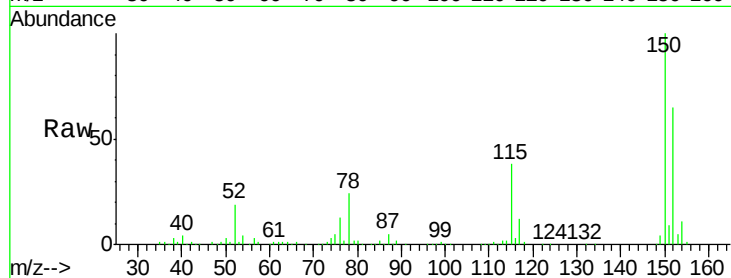
Tgt Ion:152 Resp: 215622

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

115 59.5 46.0 69.0



#5

2-Fluorophenol

Concen: 138.51 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

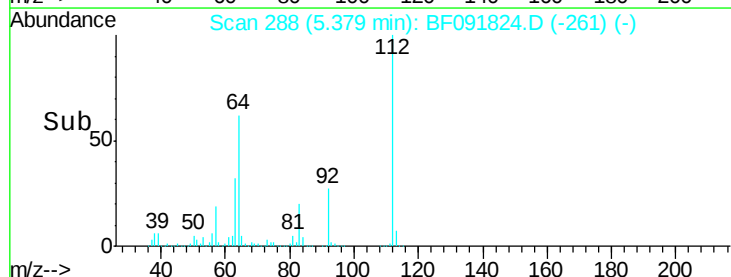
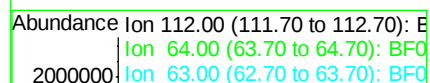
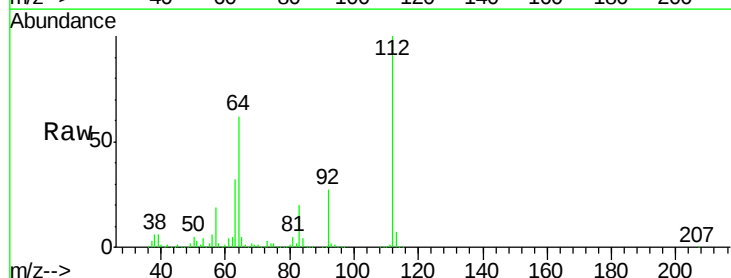
Tgt Ion:112 Resp: 1782643

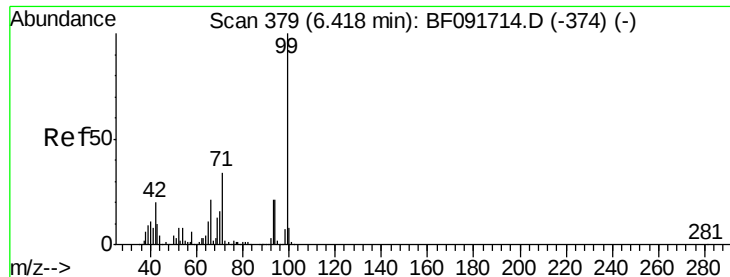
Ion Ratio Lower Upper

112 100

64 61.7 46.1 69.1

63 32.3 23.8 35.6





#7

Phenol-d6

Concen: 138.43 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

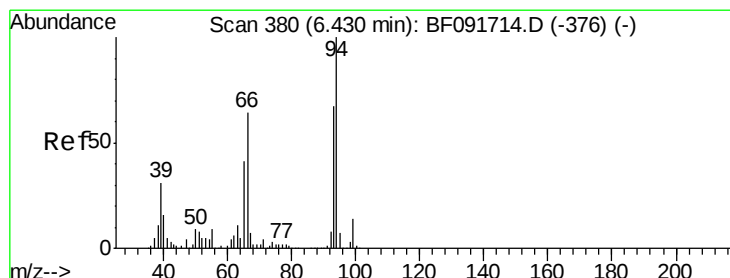
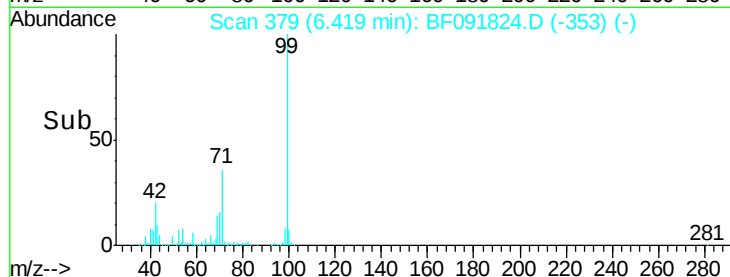
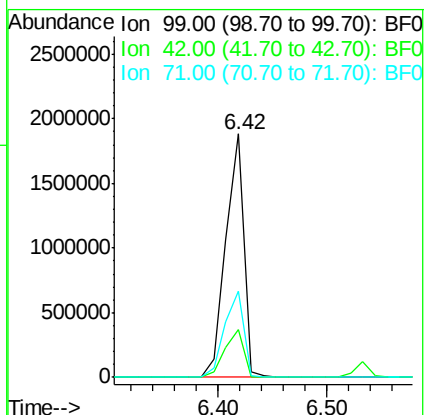
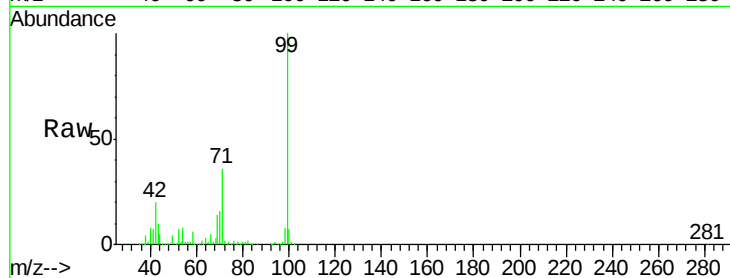
Tgt Ion: 99 Resp: 2172802

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 35.6 27.5 41.3



#10

Phenol

Concen: 6.29 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

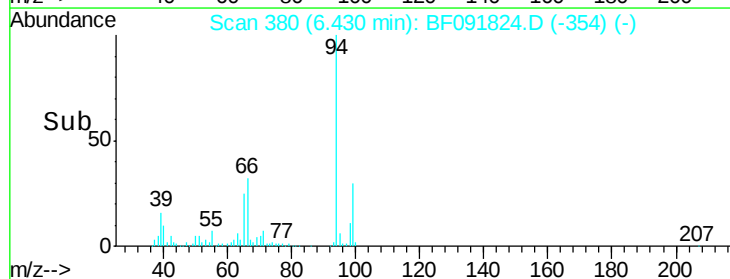
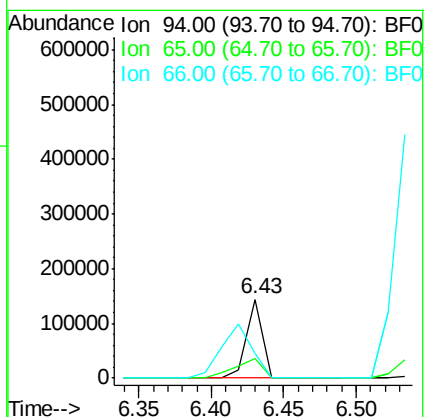
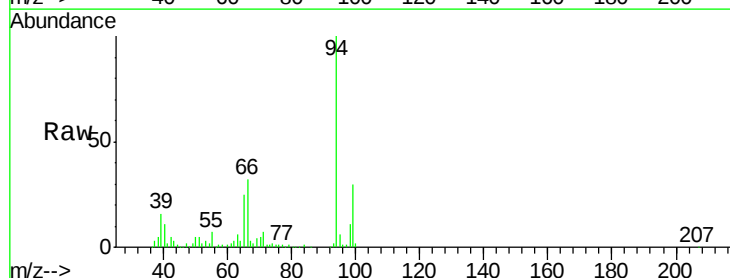
Tgt Ion: 94 Resp: 111283

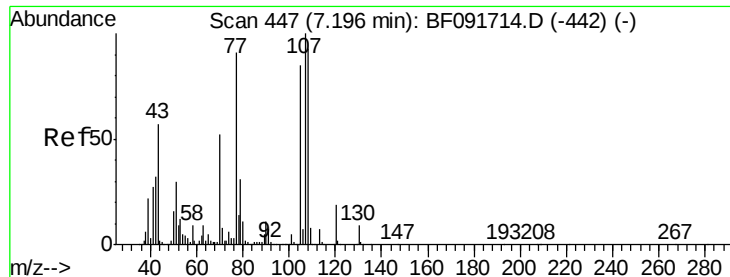
Ion Ratio Lower Upper

94 100

65 24.5 21.4 61.4

66 32.1 44.0 84.0#

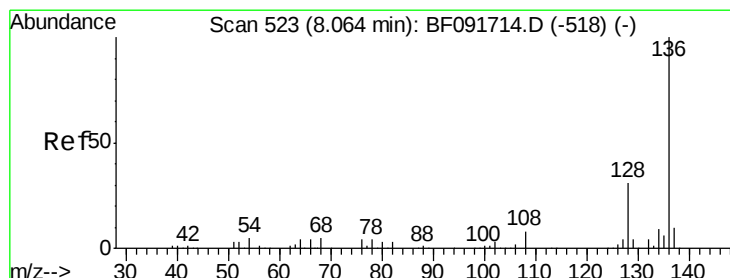
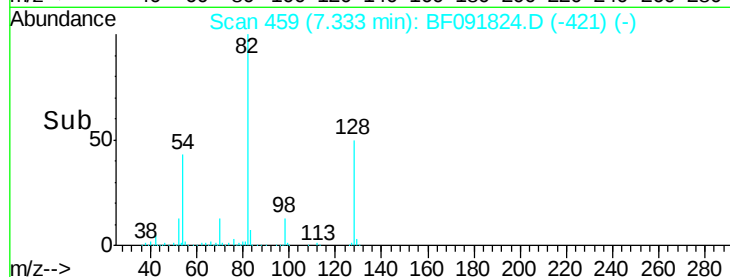
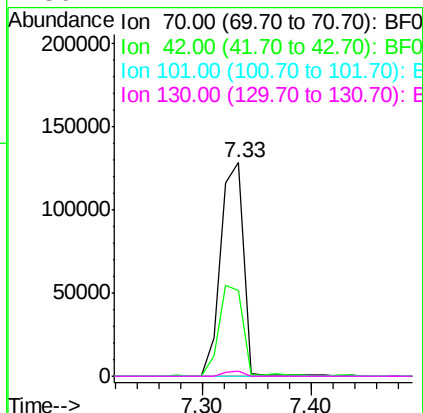
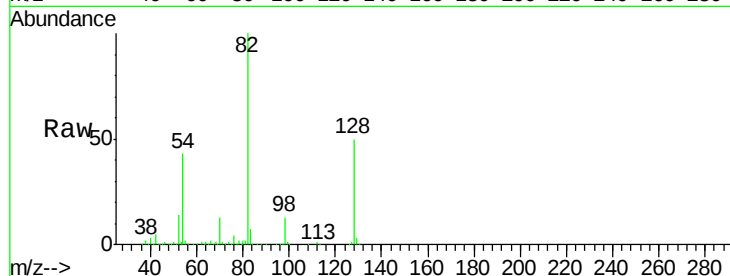




#19
n-Nitroso-di-n-propylamine
Concen: 17.93 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF091824.D
Acq: 20 Dec 2016 17:08

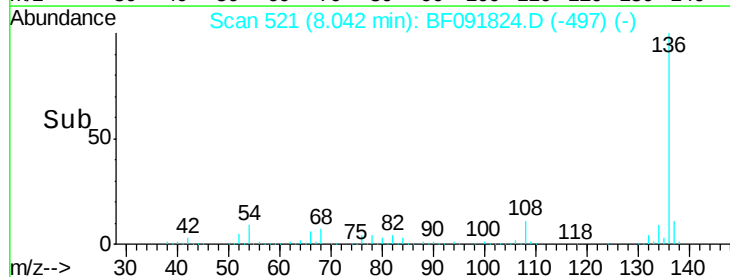
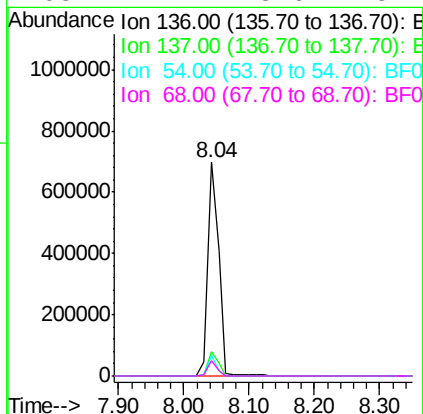
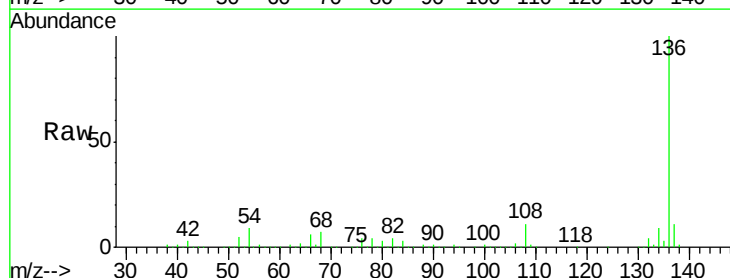
Instrument :
BNA_F
ClientSampleId :
SB-3-14-15

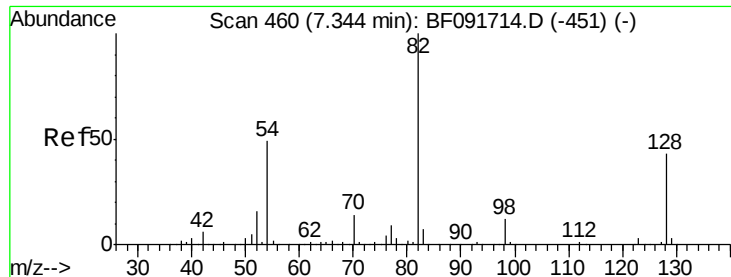
Tgt Ion: 70 Resp: 187236
Ion Ratio Lower Upper
70 100
42 40.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091824.D
Acq: 20 Dec 2016 17:08

Tgt Ion: 136 Resp: 811087
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.4 4.5 6.7#
68 7.1 3.6 5.4#

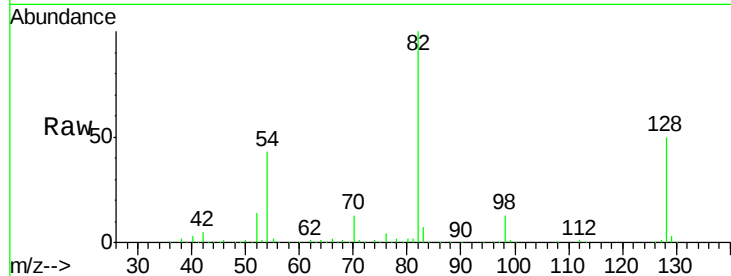




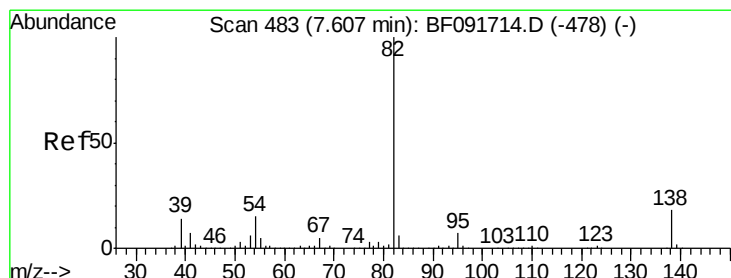
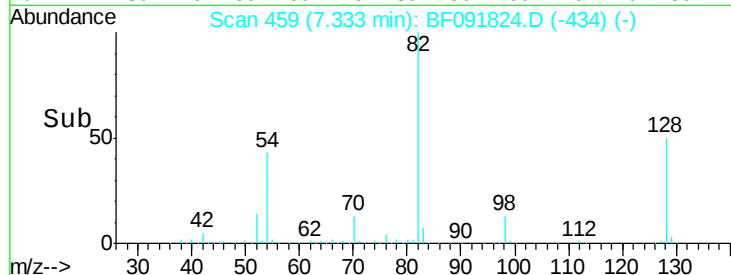
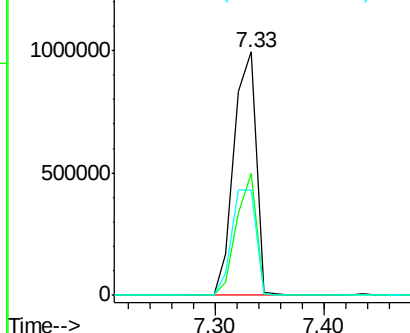
#23
 Nitrobenzene-d5
 Concen: 99.13 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-14-15

Tgt Ion: 82 Resp: 1394303
 Ion Ratio Lower Upper
 82 100
 128 50.1 34.6 52.0
 54 43.2 39.5 59.3

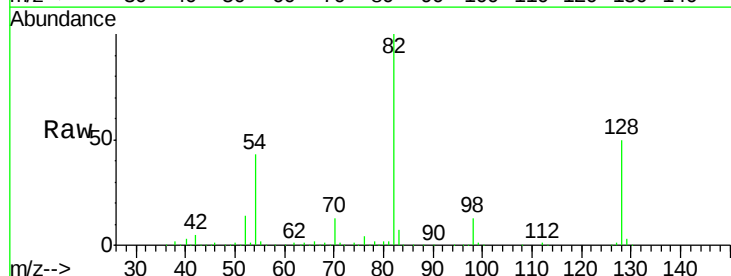


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

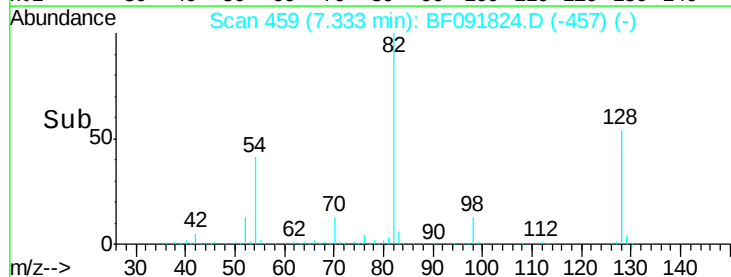
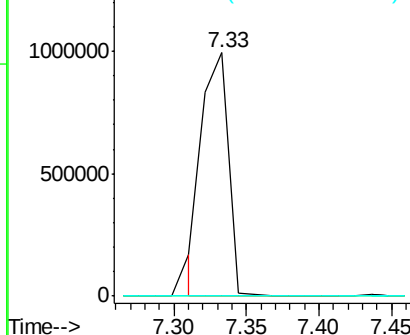


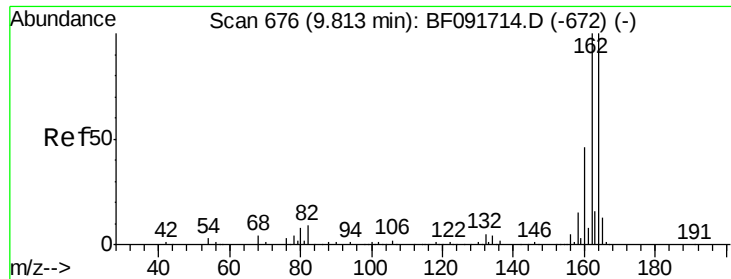
#25
 Isophorone
 Concen: 47.14 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.27 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

Tgt Ion: 82 Resp: 1265067
 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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

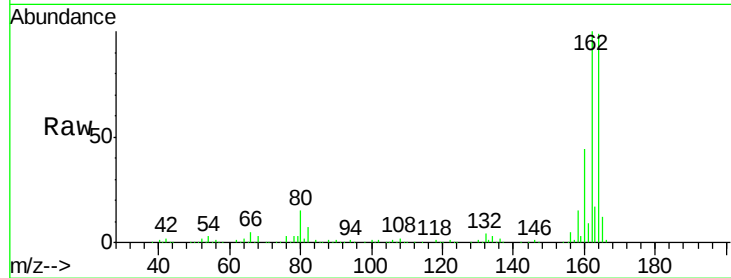
Tgt Ion:164 Resp: 424839

Ion Ratio Lower Upper

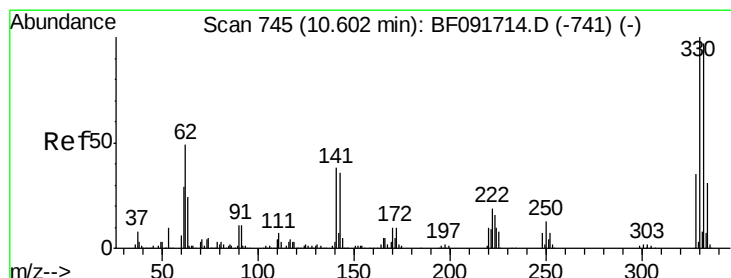
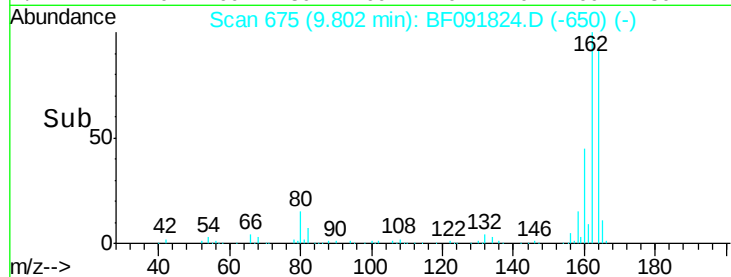
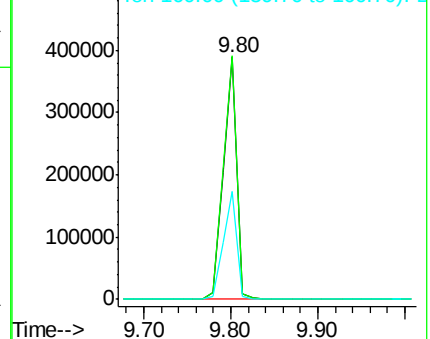
164 100

162 100.6 80.2 120.2

160 44.6 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: 108.23 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

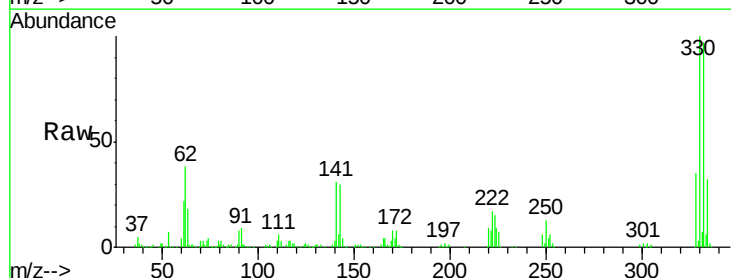
Tgt Ion:330 Resp: 389882

Ion Ratio Lower Upper

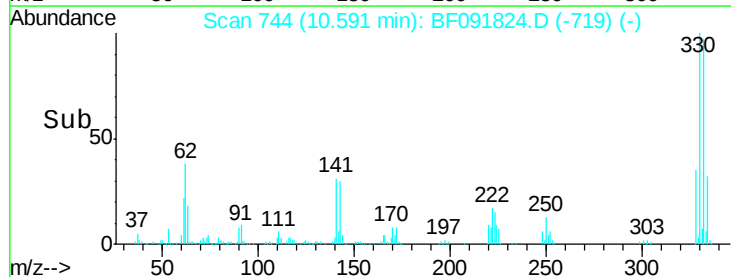
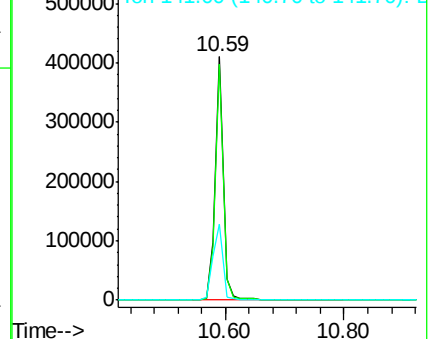
330 100

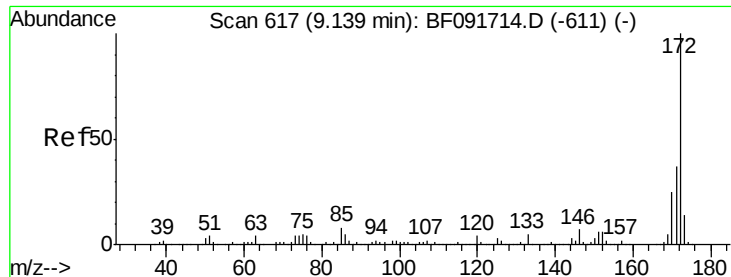
332 96.2 77.4 116.2

141 38.5 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

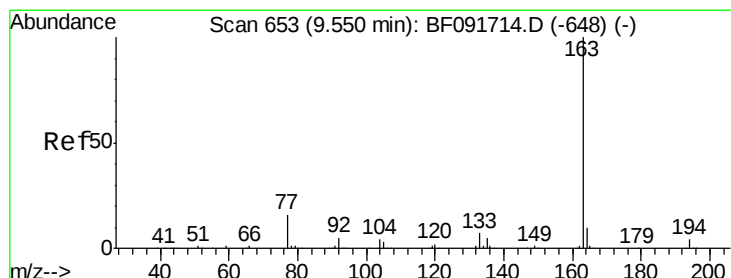
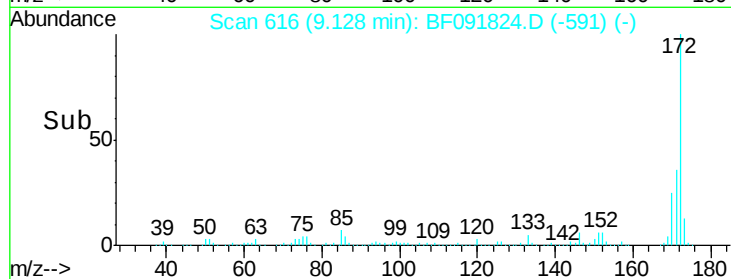
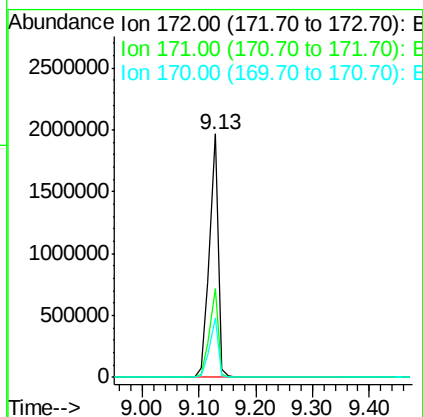
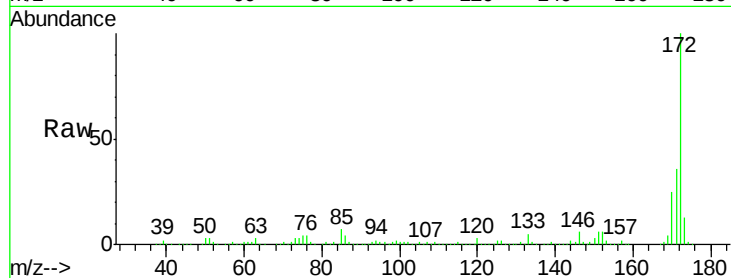




#44
 2-Fluorobiphenyl
 Concen: 95.13 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

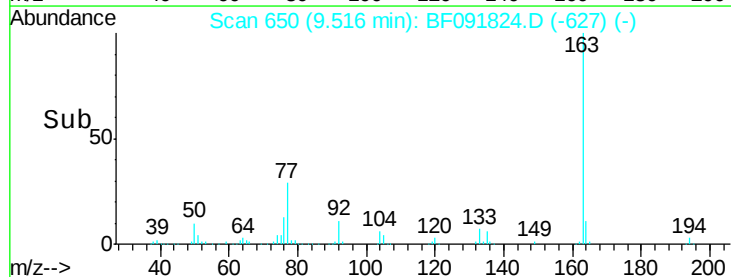
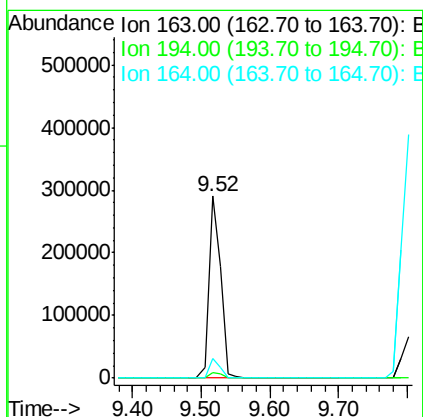
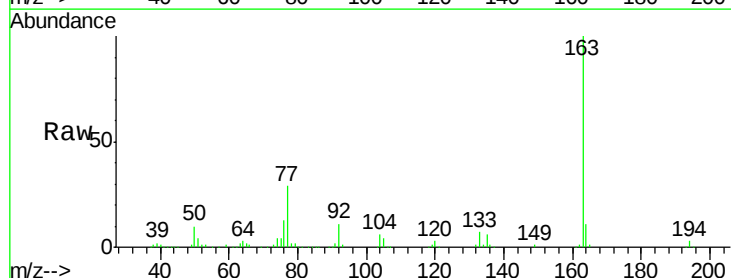
Instrument :
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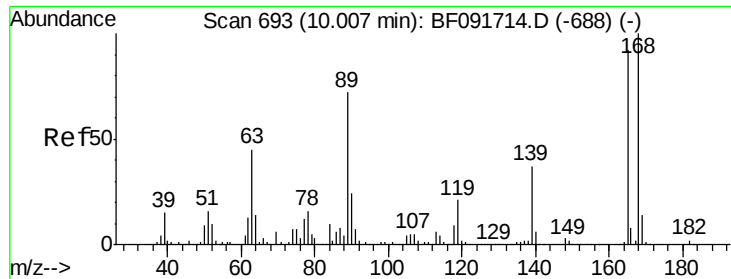
Tgt Ion:172 Resp: 2011719
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 20.2 30.4



#49
 Dimethylphthalate
 Concen: 12.43 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

Tgt Ion:163 Resp: 344939
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.8 8.0 12.0

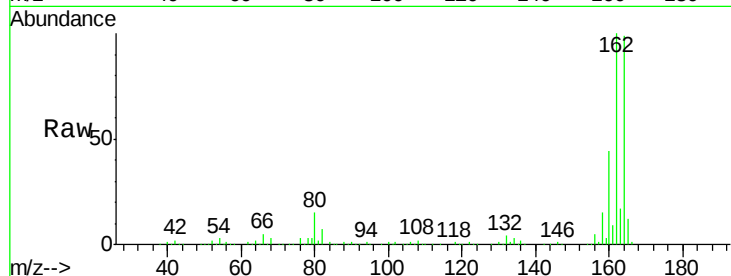




#56
 2,4-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-14-15

Tgt Ion:	165	Resp:	54791
Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

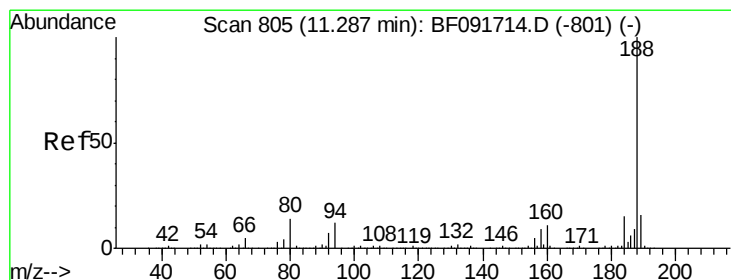
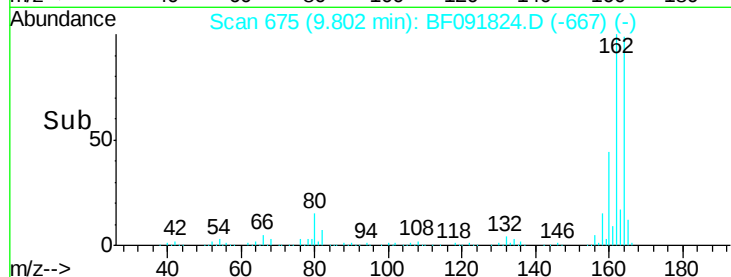
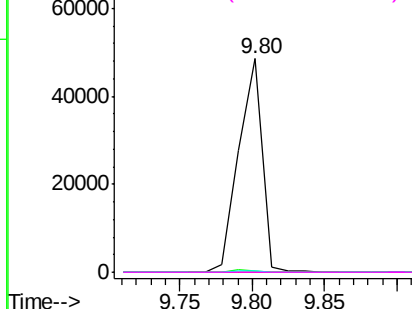


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

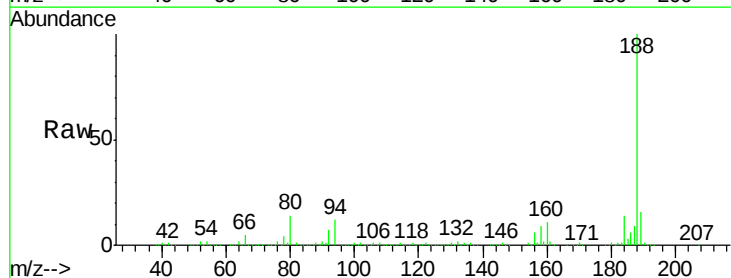
Ion 89.00 (88.70 to 89.70): BF0

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: BF091824.D
 Acq: 20 Dec 2016 17:08

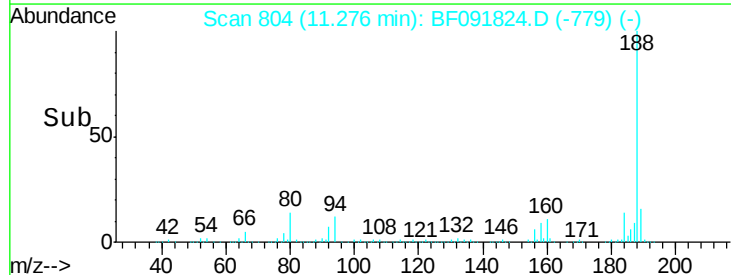
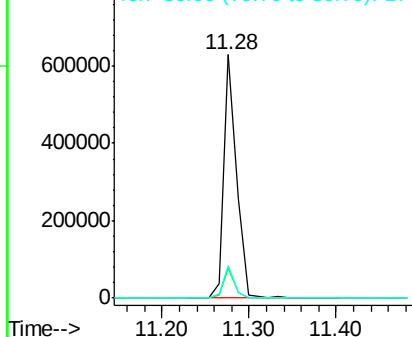
Tgt Ion:	188	Resp:	648639
Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.0	15.0
80	13.6	11.2	16.8

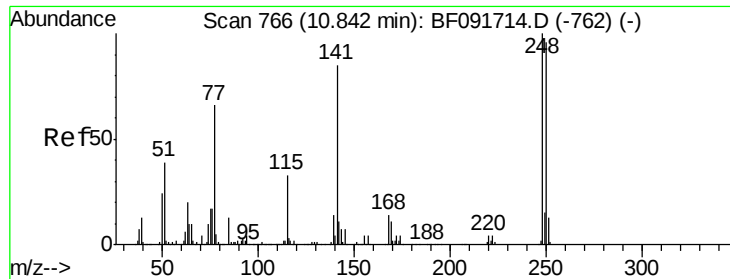


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

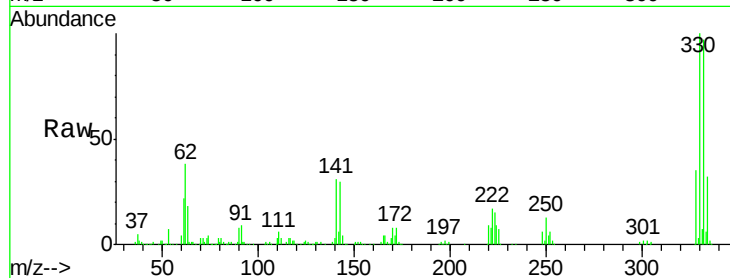




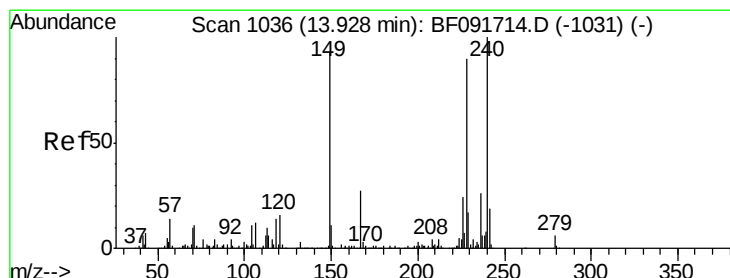
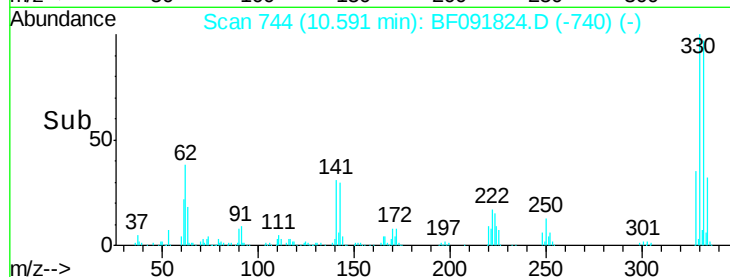
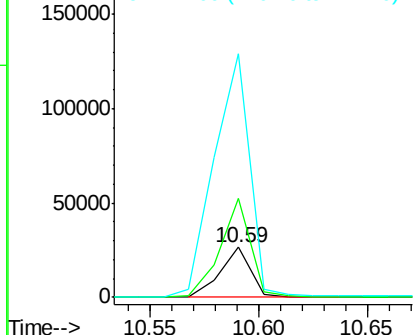
#66
 4-Bromophenyl-phenylether
 Concen: 3.82 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-14-15

Tgt Ion:248 Resp: 25969
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.9 115.3#
 141 484.8 68.2 102.4#

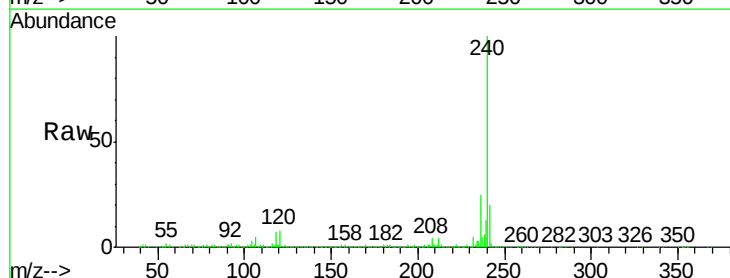


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

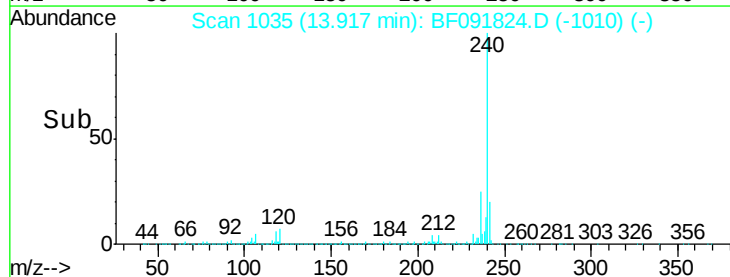
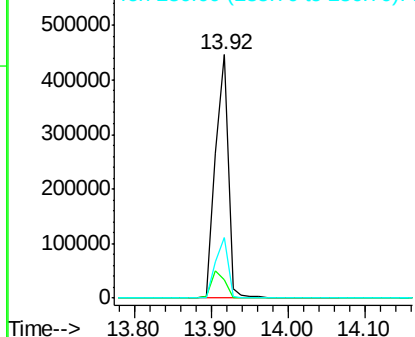


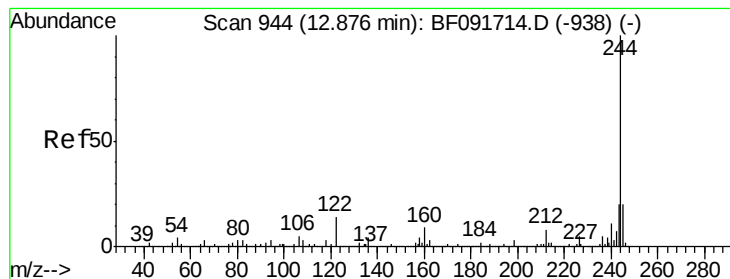
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091824.D
 Acq: 20 Dec 2016 17:08

Tgt Ion:240 Resp: 513851
 Ion Ratio Lower Upper
 240 100
 120 7.6 12.9 19.3#
 236 25.0 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: 67.46 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

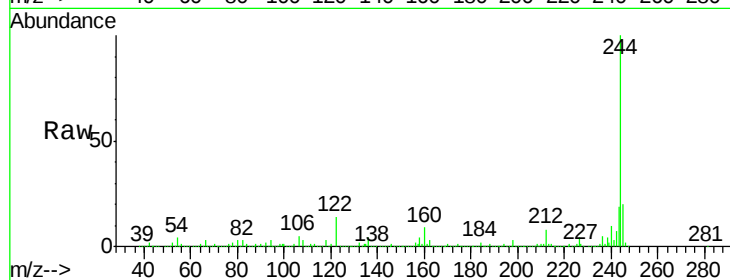
Tgt Ion:244 Resp: 1372906

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

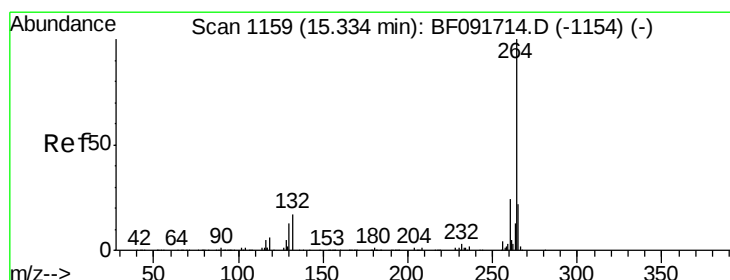
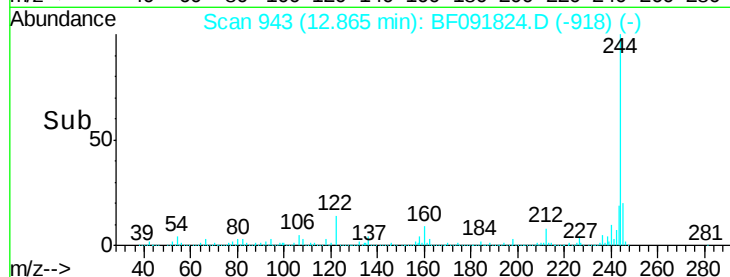
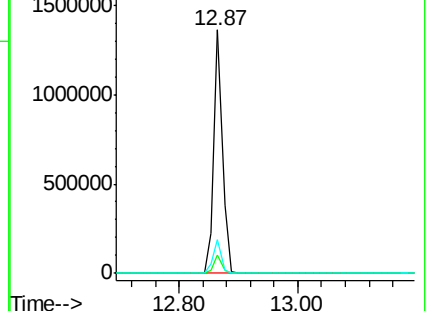
122 14.0 11.4 17.2



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

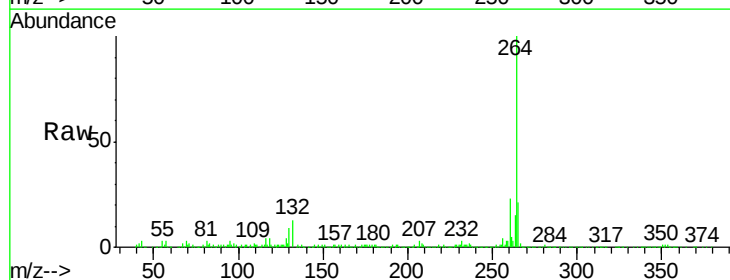
Tgt Ion:264 Resp: 429880

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 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

