

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091811.D
 Acq On : 20 Dec 2016 11:09
 Operator : UM/SJ
 Sample : H6147-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FB-2-121516

Quant Time: Dec 20 23:37:39 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

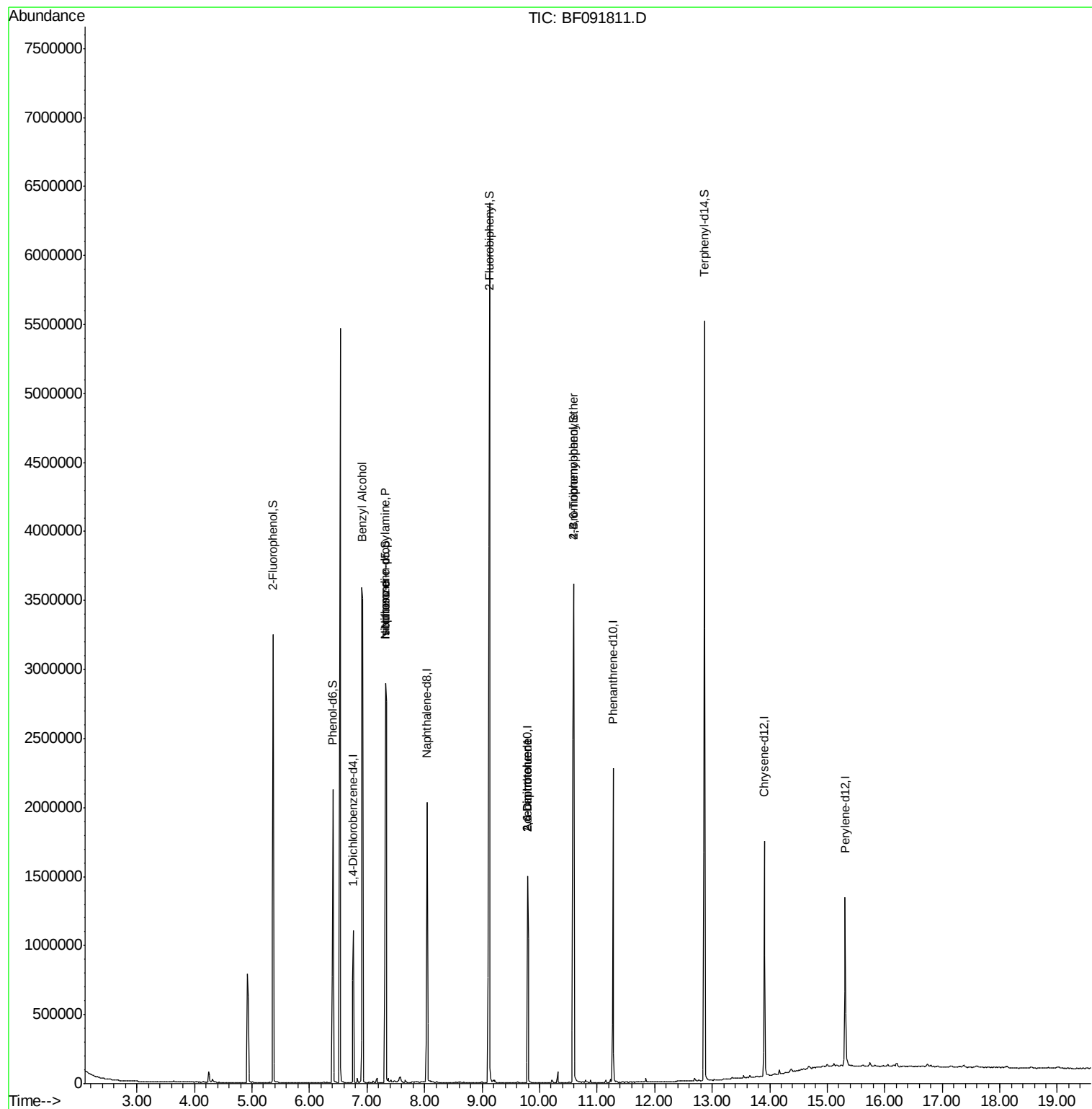
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	218302	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	952446	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	444411	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	807230	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	699464	20.00	ng	-0.02
86) Perylene-d12	15.31	264	574274	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	919076	70.54	ng	0.00
7) Phenol-d6	6.41	99	761246	47.90	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1623221	98.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	561401	148.98	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2544367	115.02	ng	-0.01
78) Terphenyl-d14	12.87	244	2418956	87.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1470	Below Cal	#	81
15) Benzyl Alcohol	6.91	79	24648	2.00 ng	#	43
19) n-Nitroso-di-n-propylamine	7.32	70	215734	20.41 ng	#	78
25) Isophorone	7.32	82	1406269	44.63 ng	#	65
50) 2,6-Dinitrotoluene	9.79	165	57196	8.99 ng	#	31
56) 2,4-Dinitrotoluene	9.79	165	57198	7.19 ng	#	20
66) 4-Bromophenyl-phenylether	10.59	248	38498	4.55 ng	#	1

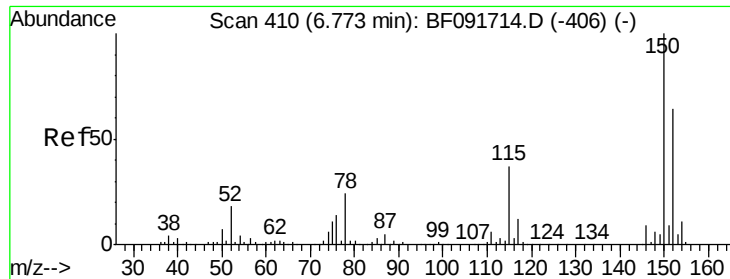
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091811.D

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Instrument :

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ClientSampleId :

KINGSBRIDGE-FB-2-121516

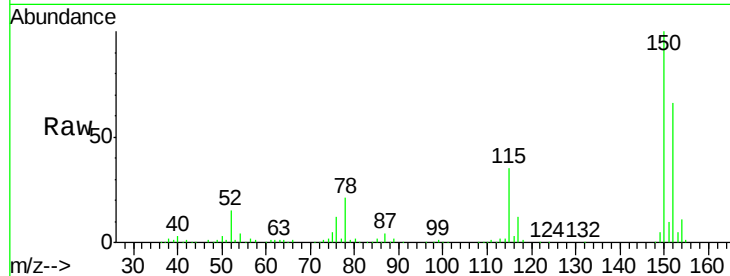
Tgt Ion:152 Resp: 218302

Ion Ratio Lower Upper

152 100

150 152.2 124.9 187.3

115 53.6 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

400000

300000

200000

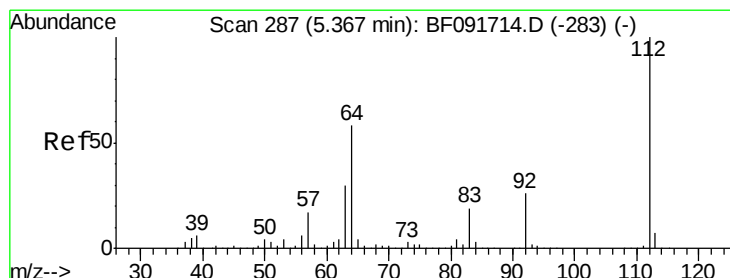
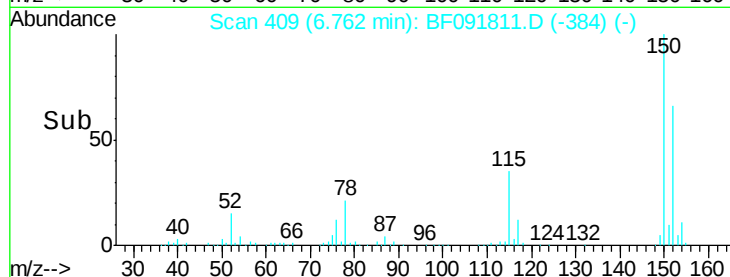
100000

0

6.76

6.70 6.75 6.80 6.85

Time-->



#5

2-Fluorophenol

Concen: 70.54 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

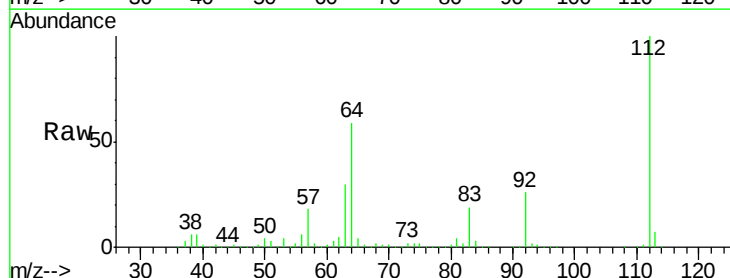
Tgt Ion:112 Resp: 919076

Ion Ratio Lower Upper

112 100

64 58.8 46.1 69.1

63 30.0 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

1200000

1000000

800000

600000

400000

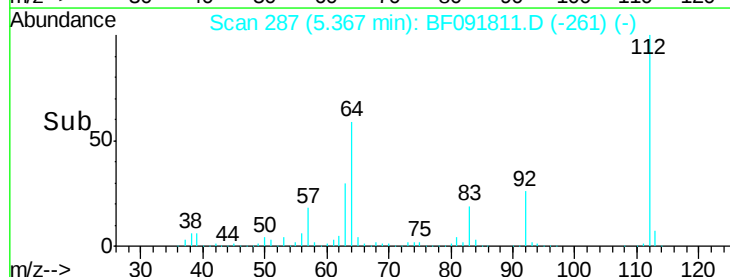
200000

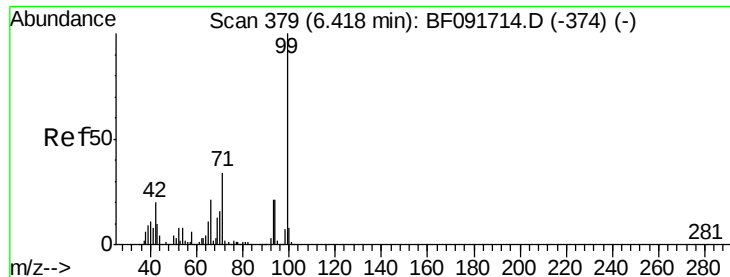
0

5.37

5.30 5.40 5.50

Time-->





#7

Phenol-d6

Concen: 47.90 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGE-FB-2-121516

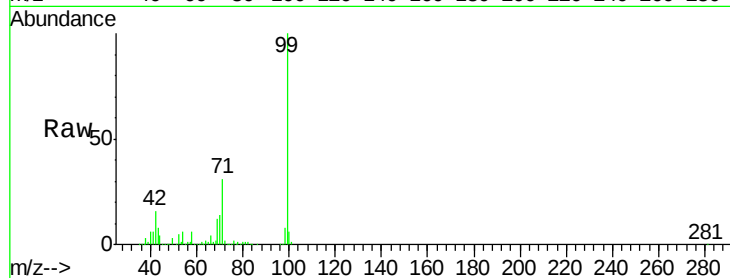
Tgt Ion: 99 Resp: 761246

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

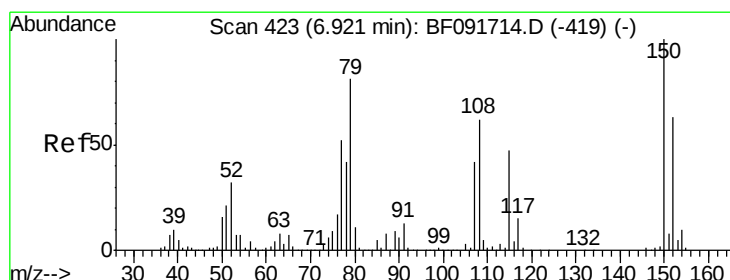
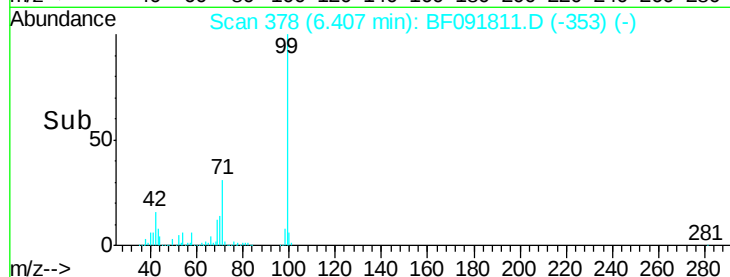
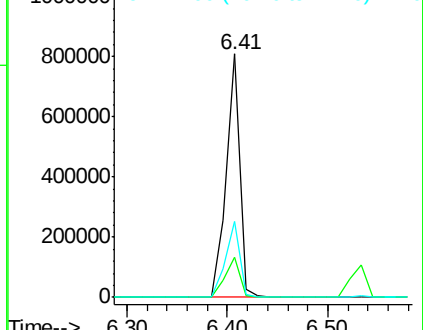
71 31.2 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

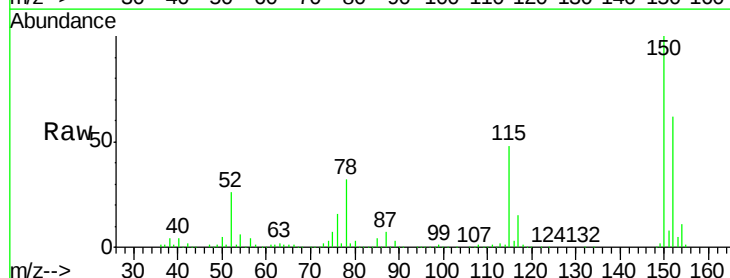
Tgt Ion: 79 Resp: 24648

Ion Ratio Lower Upper

79 100

108 23.3 61.4 92.0#

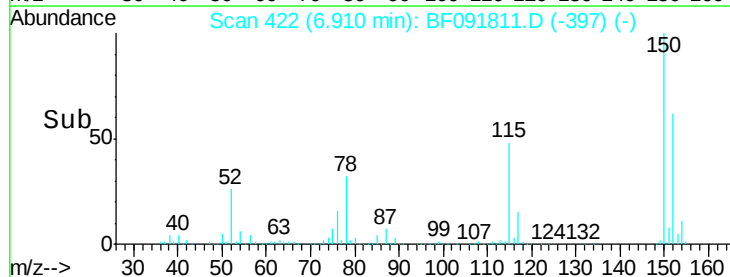
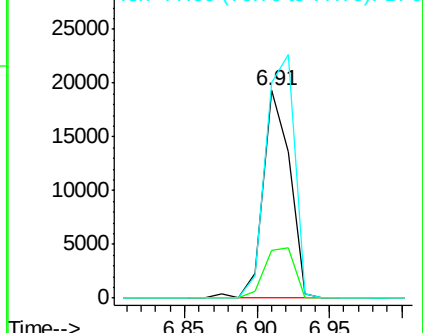
77 103.9 50.9 76.3#

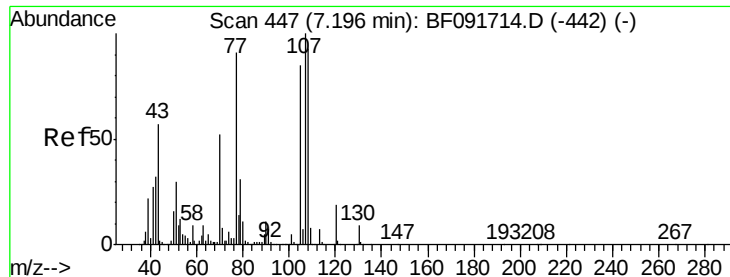


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

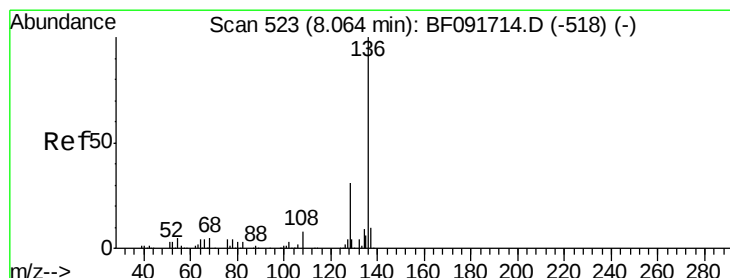
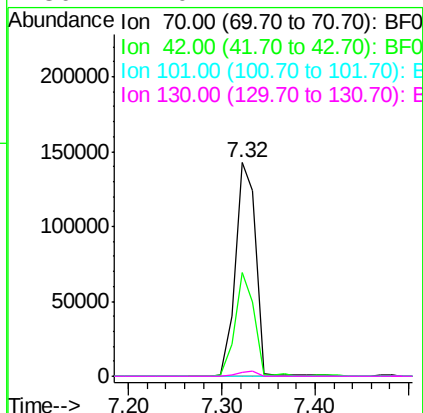
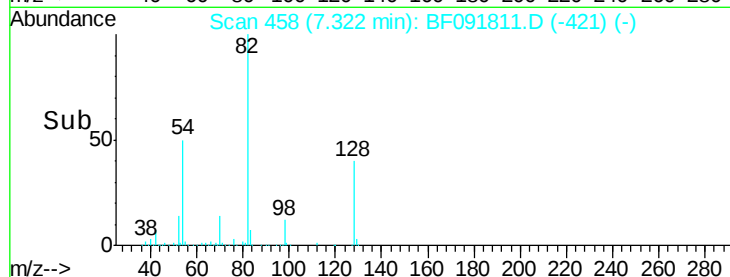
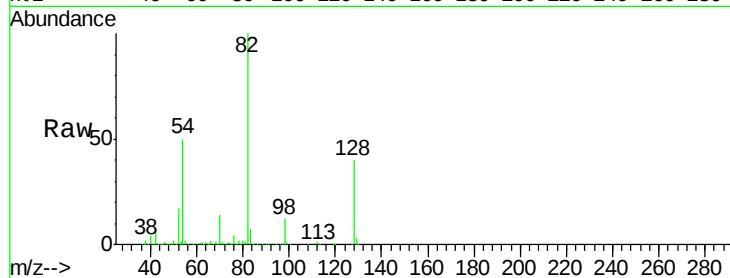




#19
n-Nitroso-di-n-propylamine
Concen: 20.41 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

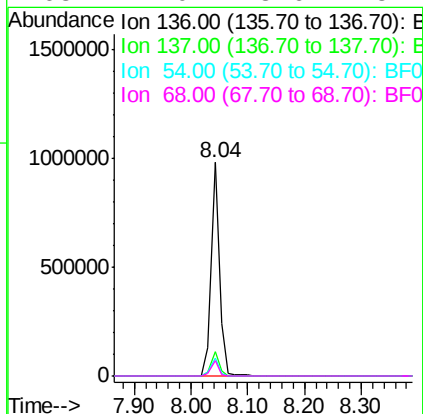
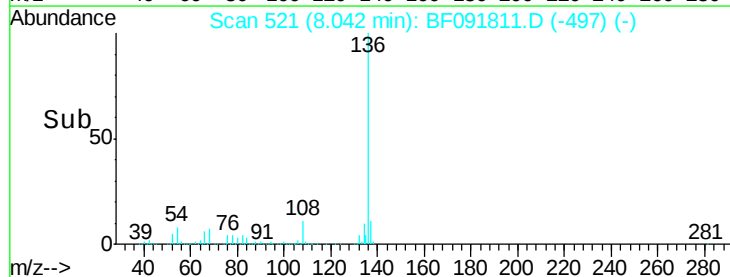
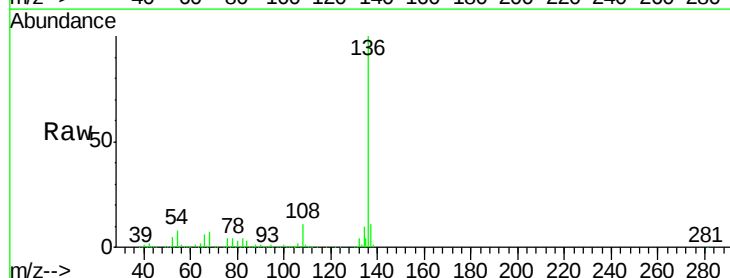
Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

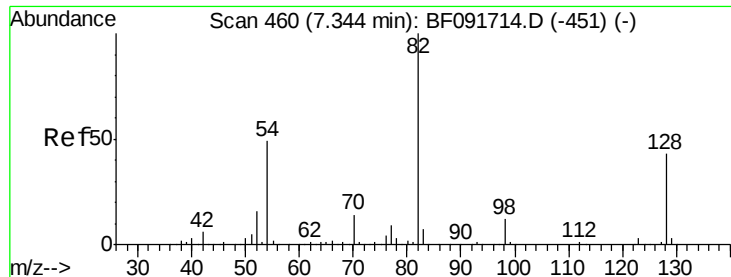
Tgt Ion: 70 Resp: 215734
Ion Ratio Lower Upper
70 100
42 48.3 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion: 136 Resp: 952446
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.5 4.5 6.7#
68 7.0 3.6 5.4#

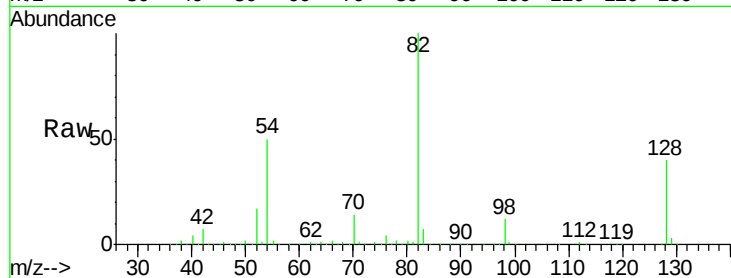




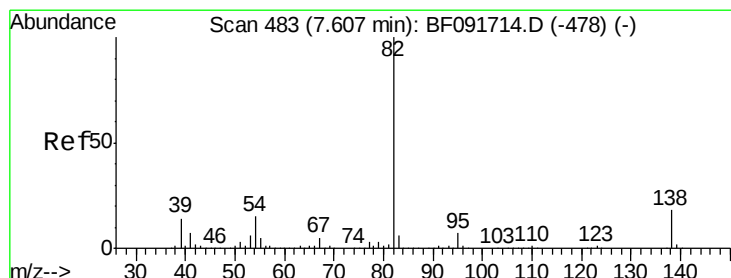
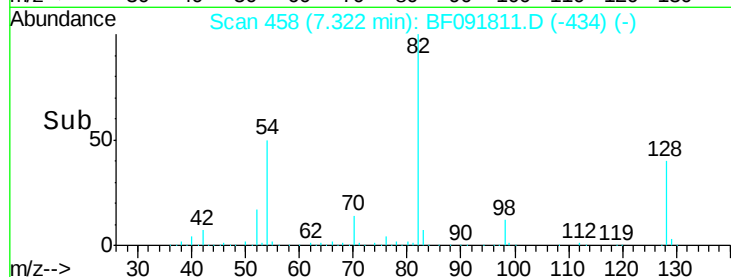
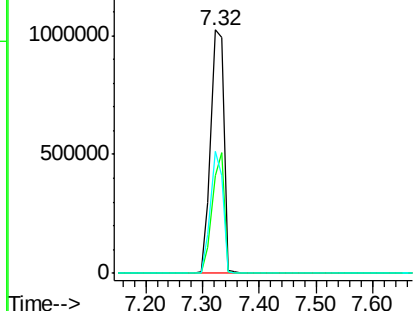
#23
Nitrobenzene-d5
Concen: 98.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Instrument :
BNA_F
ClientSampleId :
KINGSBRIDGE-FB-2-121516

Tgt Ion: 82 Resp: 1623221
Ion Ratio Lower Upper
82 100
128 40.3 34.6 52.0
54 50.3 39.5 59.3

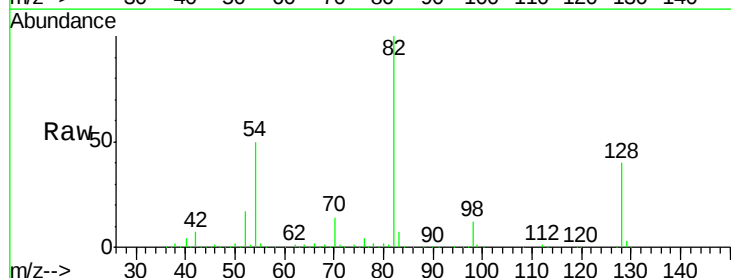


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

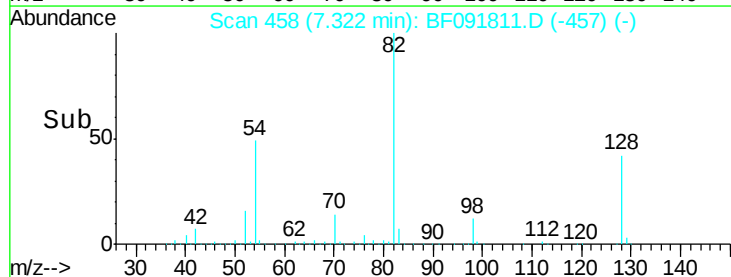
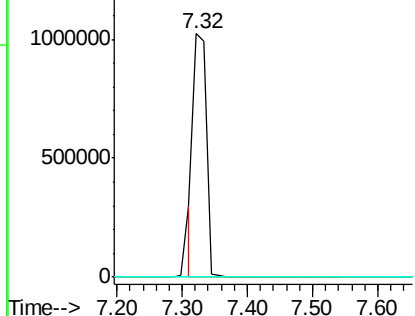


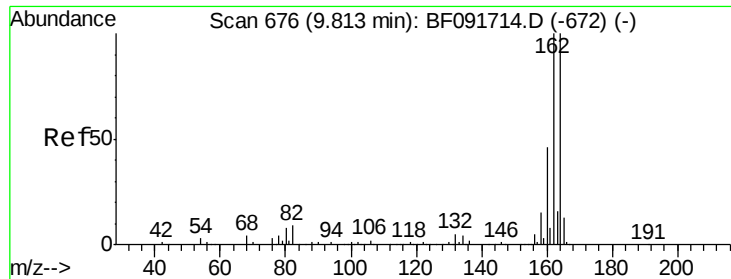
#25
Isophorone
Concen: 44.63 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091811.D
Acq: 20 Dec 2016 11:09

Tgt Ion: 82 Resp: 1406269
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: BF091811.D

Acq: 20 Dec 2016 11:09

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGE-FB-2-121516

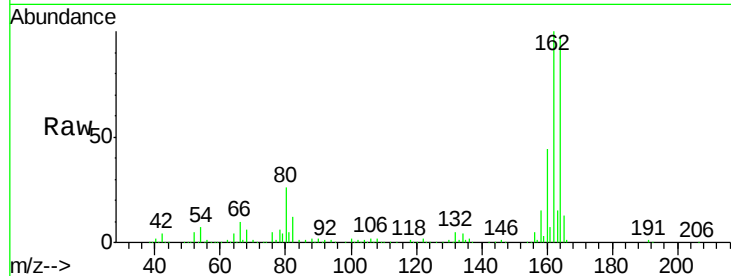
Tgt Ion:164 Resp: 444411

Ion Ratio Lower Upper

164 100

162 103.4 80.2 120.2

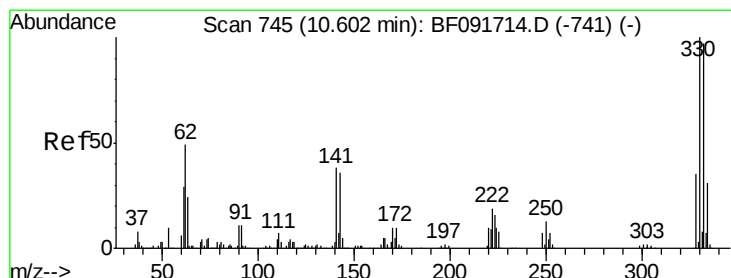
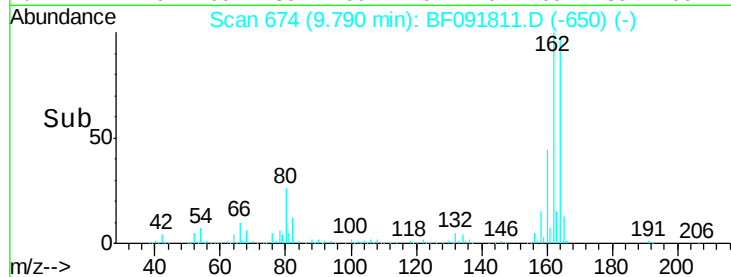
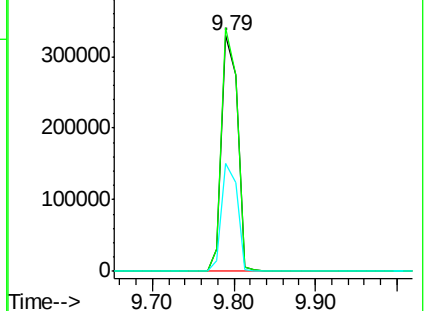
160 45.6 36.9 55.3



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: 148.98 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

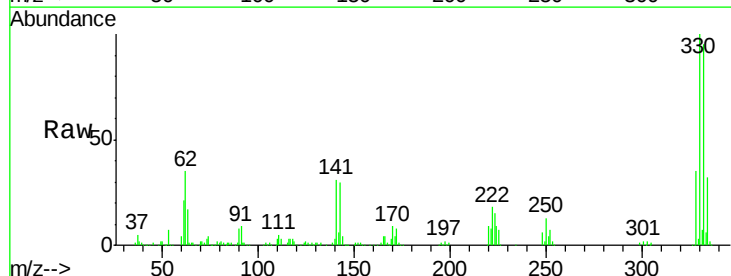
Tgt Ion:330 Resp: 561401

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

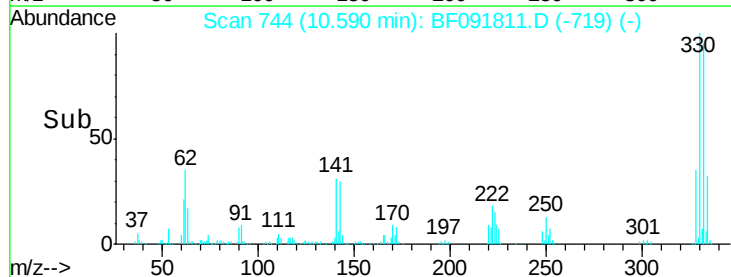
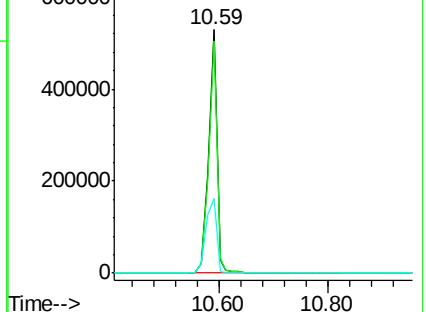
141 39.4 34.1 51.1

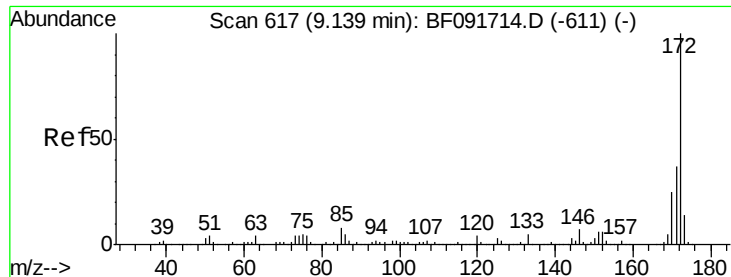


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

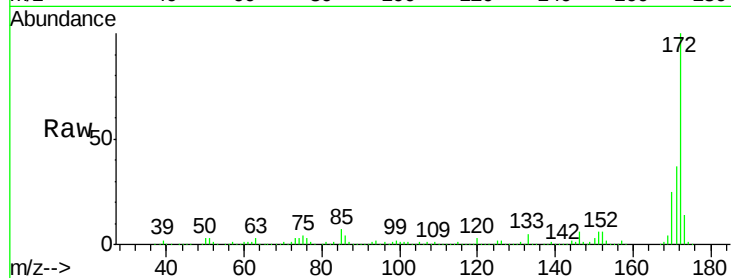




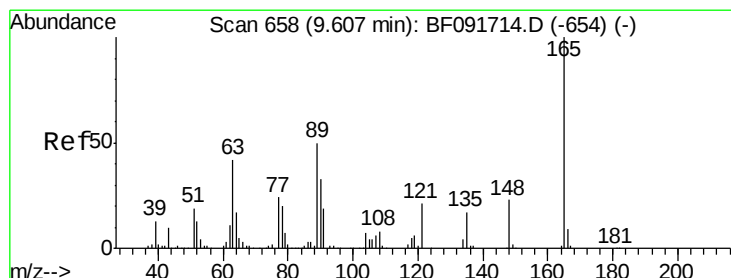
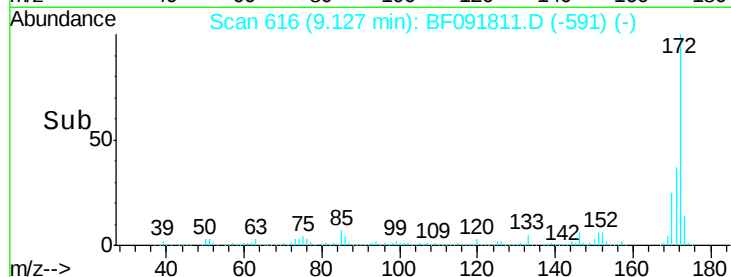
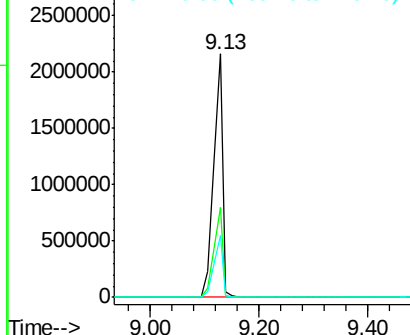
#44
 2-Fluorobiphenyl
 Concen: 115.02 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Instrument :
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 KINGSBRIDGE-FB-2-121516

Tgt Ion:172 Resp: 2544367
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.1 20.2 30.4

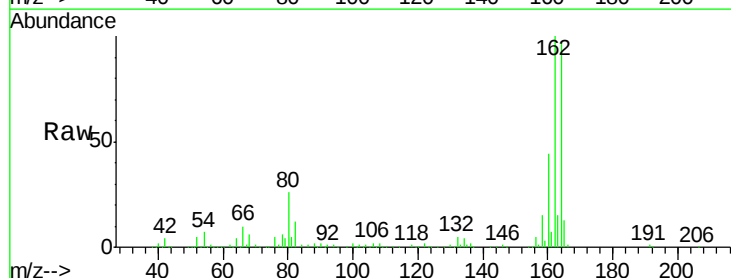


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

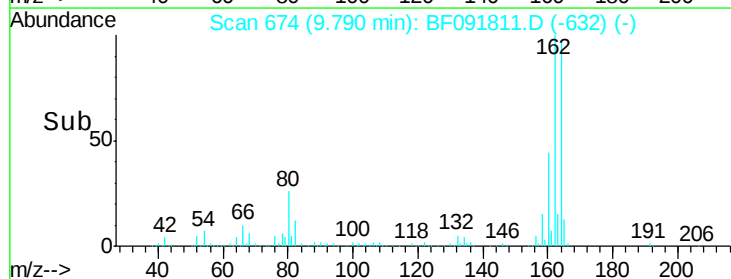
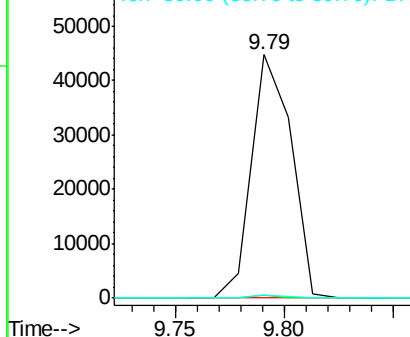


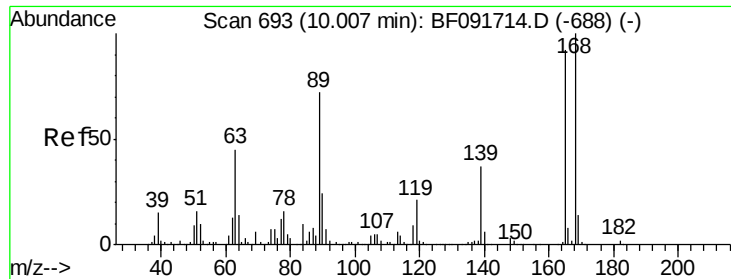
#50
 2,6-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Tgt Ion:165 Resp: 57196
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.3 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

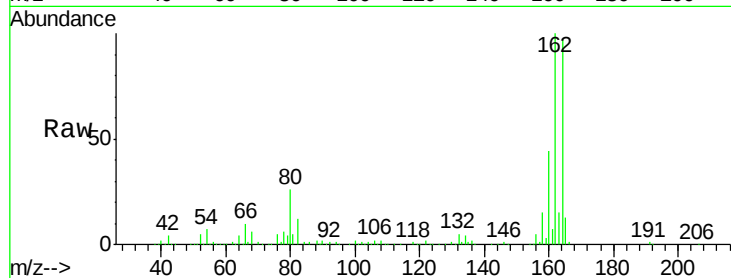




#56
 2,4-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FB-2-121516

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

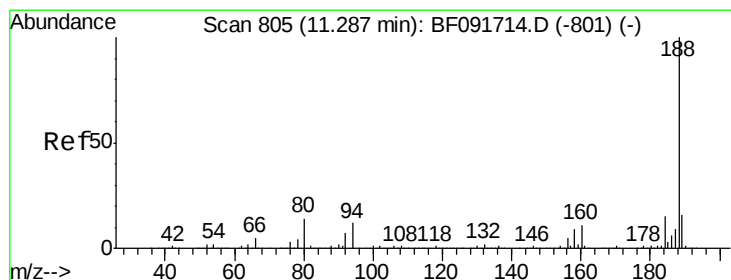
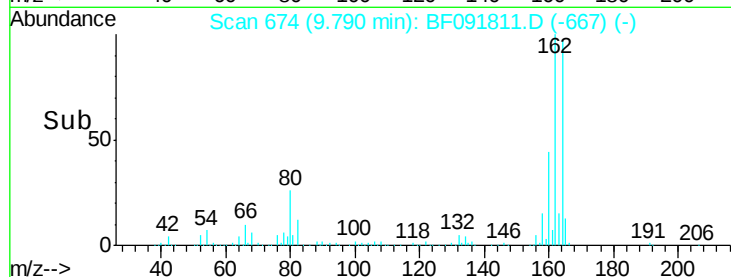
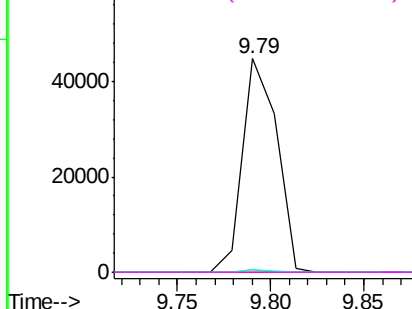


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

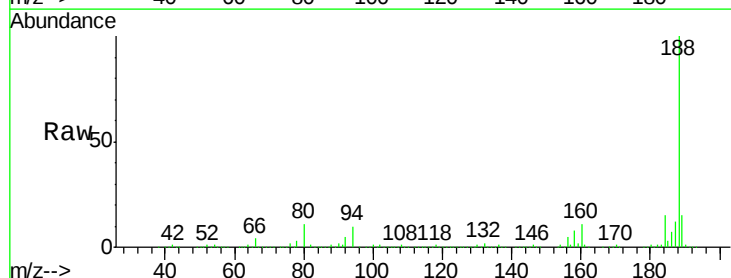
Ion 89.00 (88.70 to 89.70): BF0

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: BF091811.D
 Acq: 20 Dec 2016 11:09

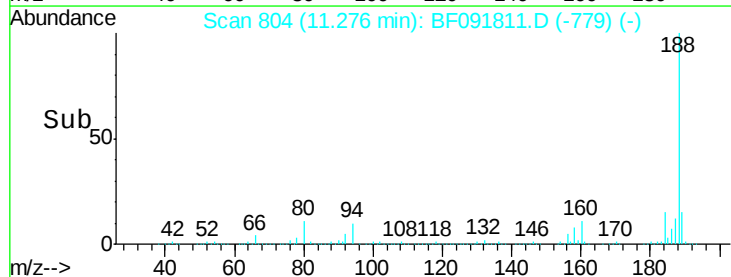
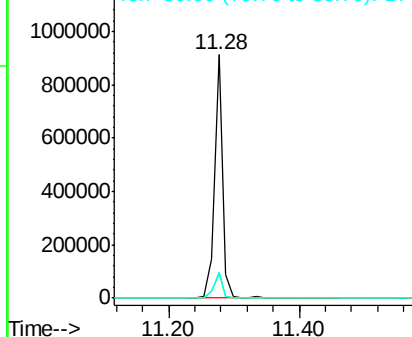
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.0	15.0
80	10.9	11.2	16.8#

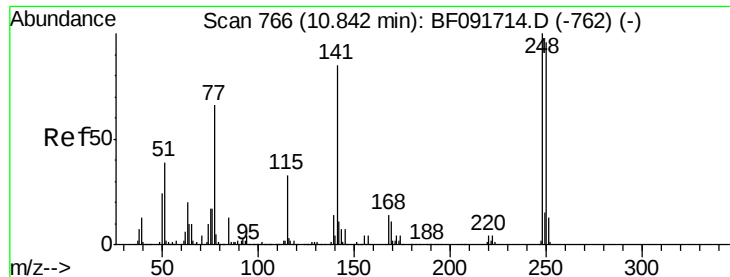


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.55 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091811.D

Acq: 20 Dec 2016 11:09

Instrument :

BNA_F

ClientSampleId :

KINGSBRIDGE-FB-2-121516

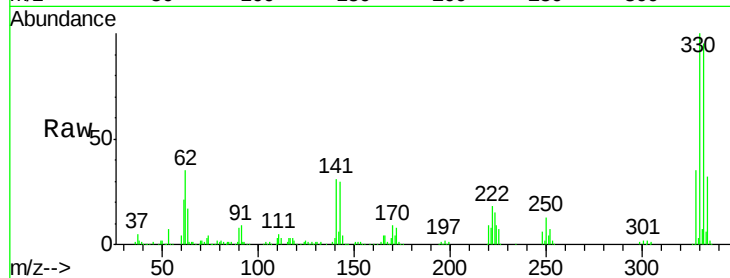
Tgt Ion:248 Resp: 38498

Ion Ratio Lower Upper

248 100

250 194.8 76.9 115.3#

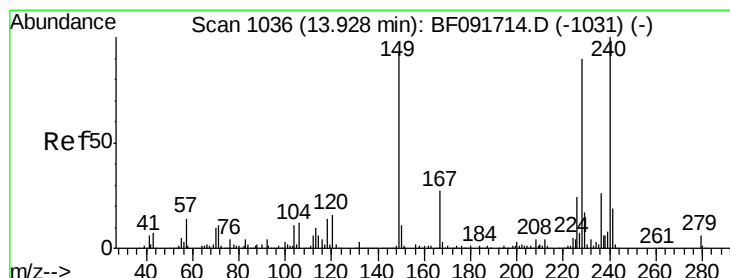
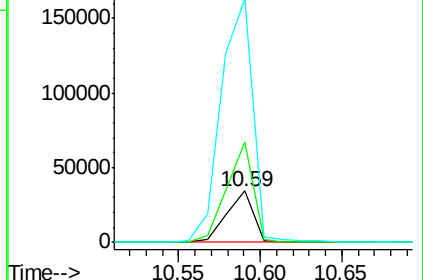
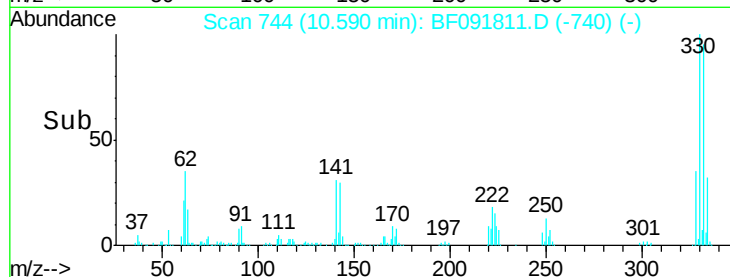
141 474.5 68.2 102.4#



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: BF091811.D

Acq: 20 Dec 2016 11:09

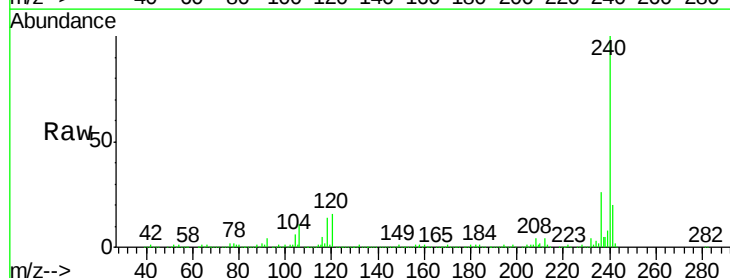
Tgt Ion:240 Resp: 699464

Ion Ratio Lower Upper

240 100

120 15.6 12.9 19.3

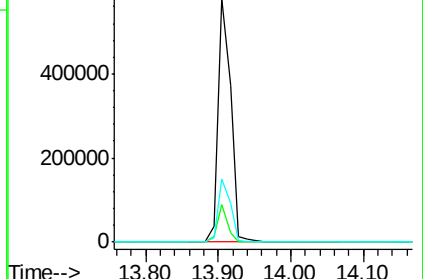
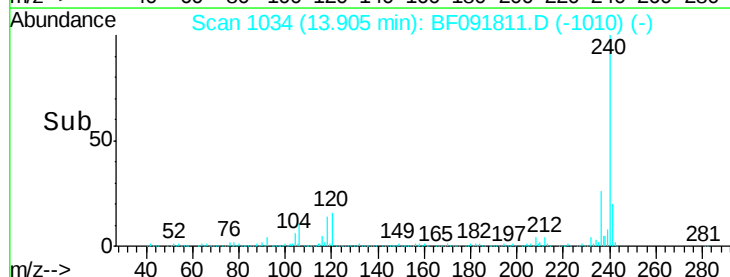
236 26.1 20.9 31.3

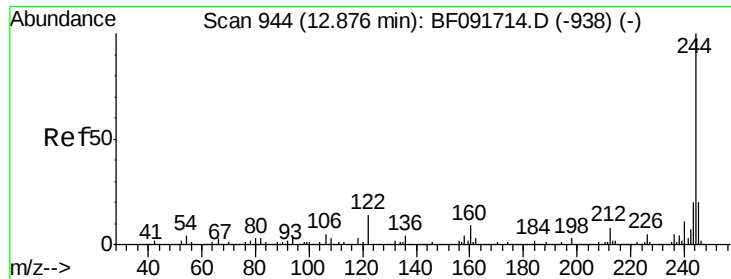


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

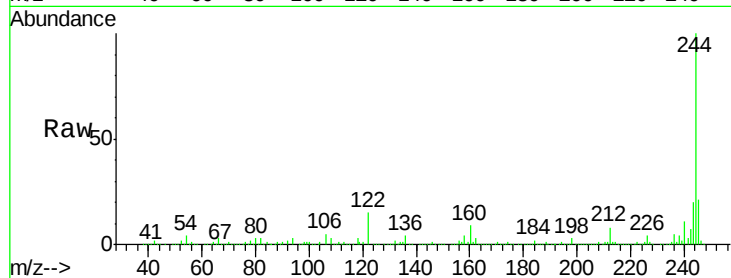




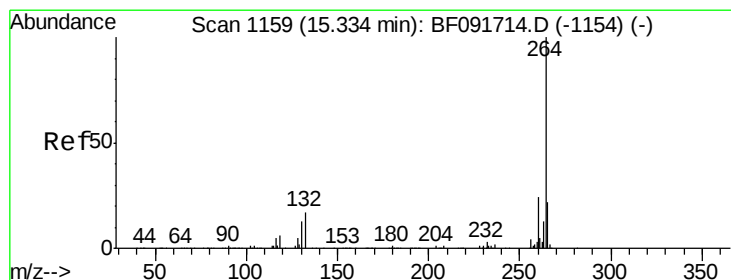
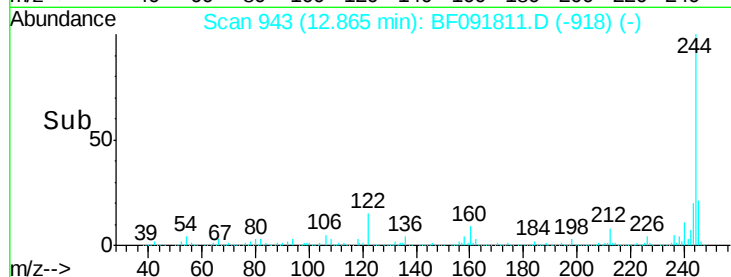
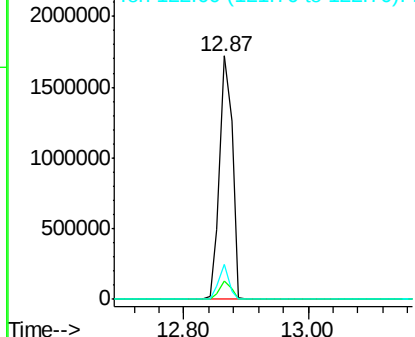
#78
 Terphenyl-d14
 Concen: 87.32 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Instrument :
 BNA_F
 ClientSampleId :
 KINGSBRIDGE-FB-2-121516

Tgt Ion:244 Resp: 2418956
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.6 11.4 17.2

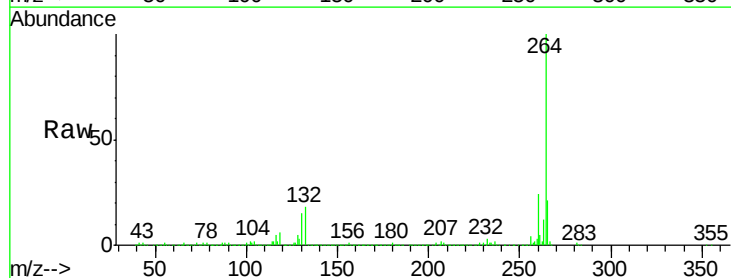


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091811.D
 Acq: 20 Dec 2016 11:09

Tgt Ion:264 Resp: 574274
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 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

