

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091789.D
 Acq On : 19 Dec 2016 22:42
 Operator : UM/SJ
 Sample : H6011-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Dec 20 00:00:42 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

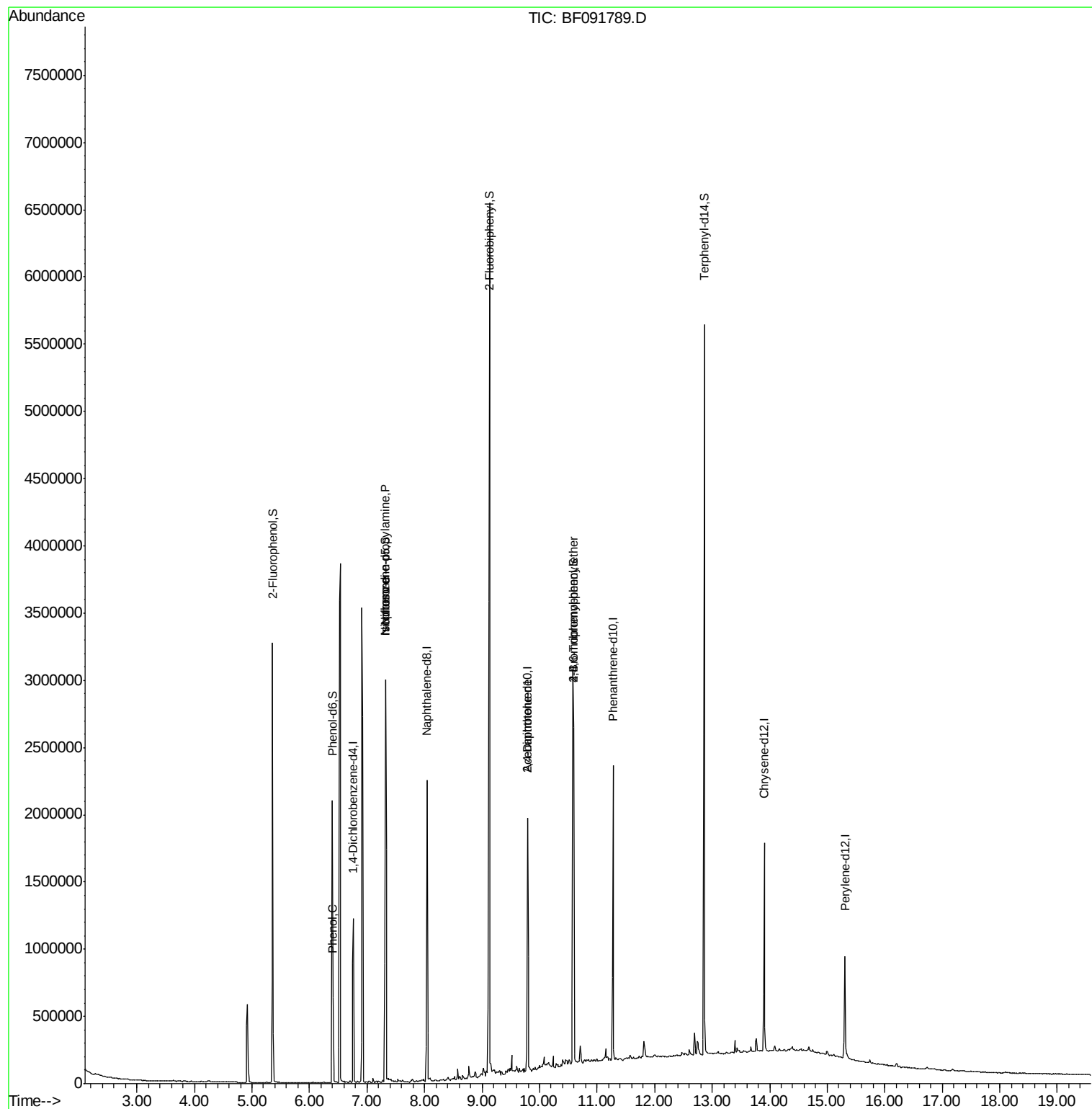
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	246577	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	979347	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	465134	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	819052	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	550138	20.00	ng	-0.02
86) Perylene-d12	15.31	264	444619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	873279	59.34	ng	-0.01
7) Phenol-d6	6.40	99	705206	39.29	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1381232	81.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	561486	142.36	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2436222	105.23	ng	-0.01
78) Terphenyl-d14	12.86	244	1835940	84.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	1214	Below Cal	#	1
10) Phenol	6.41	94	41171	2.04 ng	#	94
19) n-Nitroso-di-n-propylamine	7.32	70	181926	15.24 ng	#	77
25) Isophorone	7.32	82	1150651	35.51 ng	#	65
56) 2,4-Dinitrotoluene	9.79	165	62084	7.46 ng	#	21
66) 4-Bromophenyl-phenylether	10.59	248	35528	4.14 ng	#	1

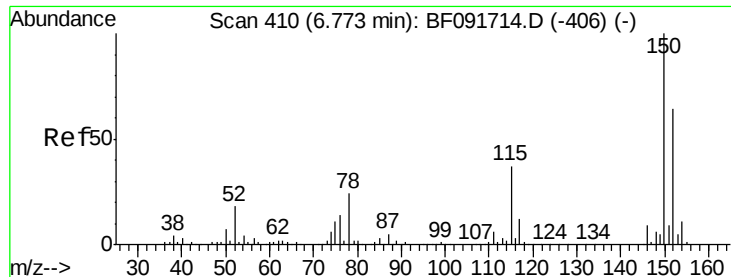
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091789.D
Acq On : 19 Dec 2016 22:42
Operator : UM/SJ
Sample : H6011-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Time: Dec 20 00:00:42 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: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

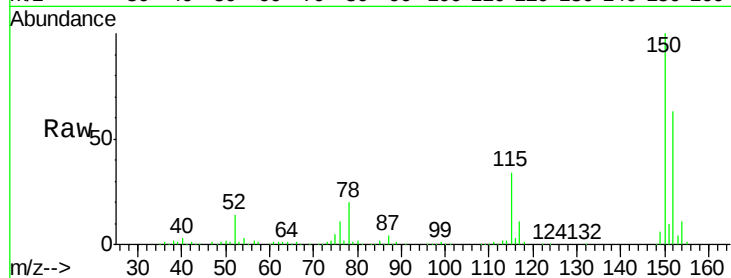
Tgt Ion:152 Resp: 246577

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

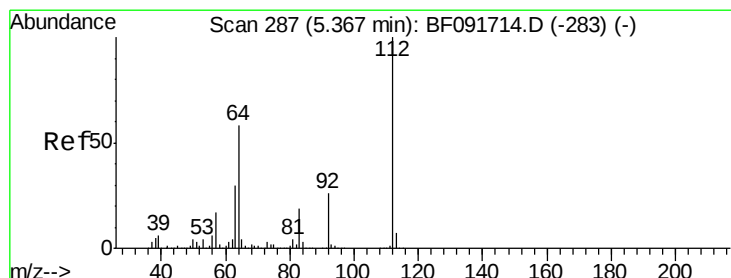
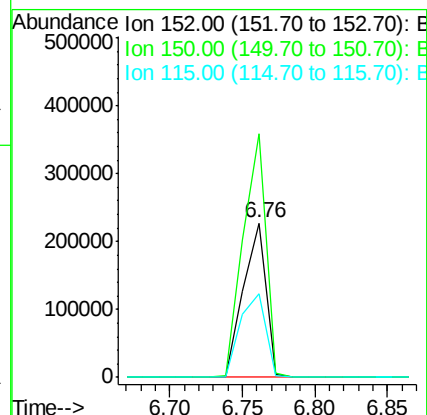
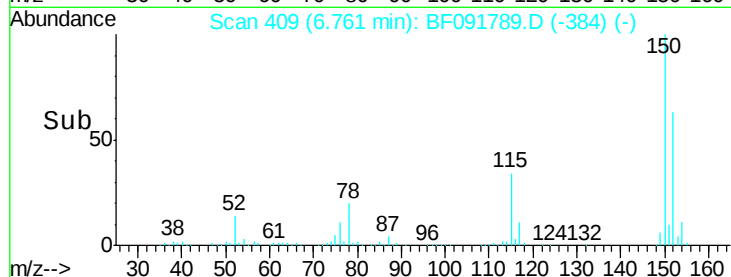
115 53.9 46.0 69.0



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: 59.34 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

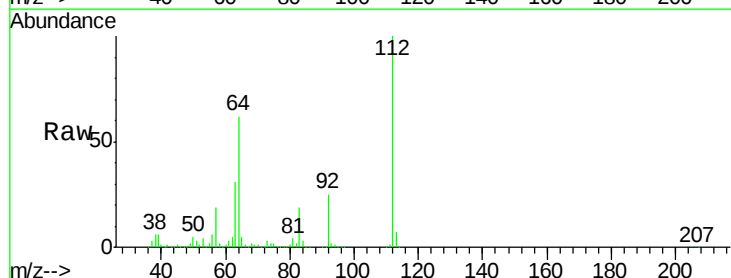
Tgt Ion:112 Resp: 873279

Ion Ratio Lower Upper

112 100

64 61.7 46.1 69.1

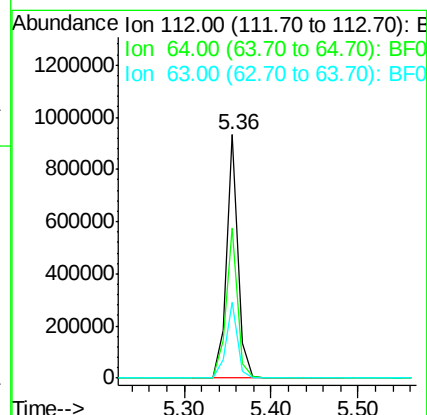
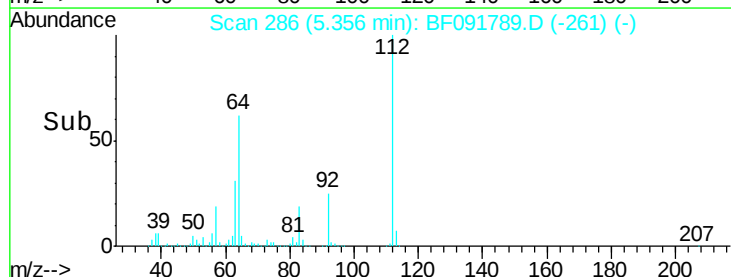
63 31.4 23.8 35.6

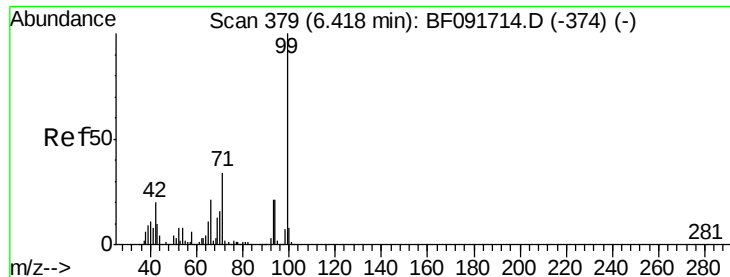


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.29 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

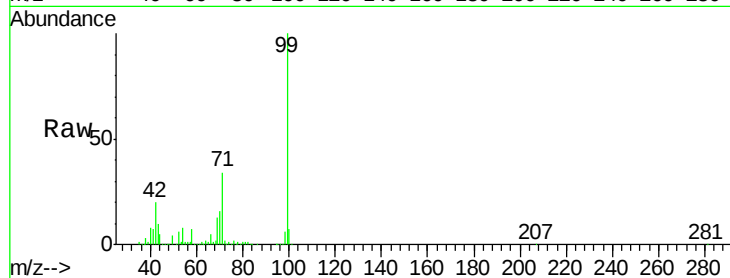
Tgt Ion: 99 Resp: 705206

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 34.1 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

6.40

800000

600000

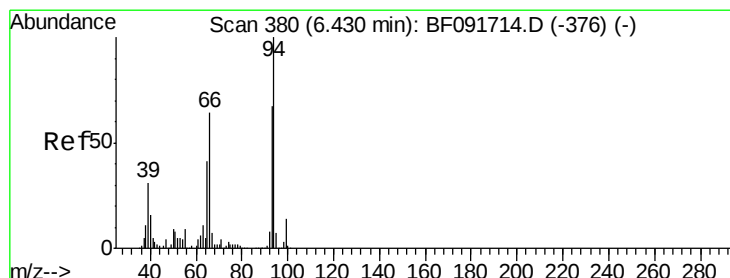
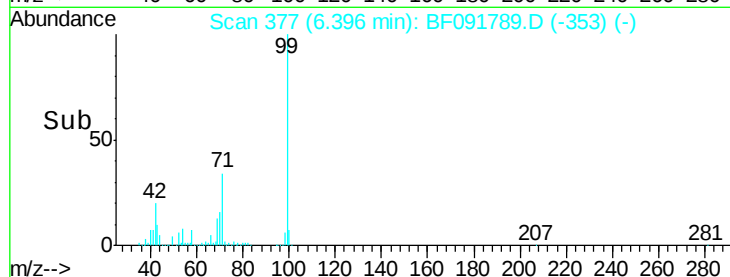
400000

200000

0

6.30 6.35 6.40 6.45 6.50

Time-->



#10

Phenol

Concen: 2.04 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

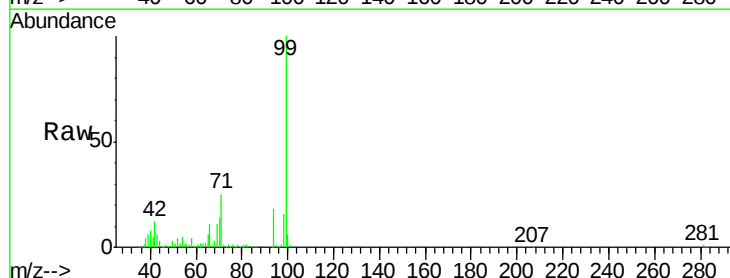
Tgt Ion: 94 Resp: 41171

Ion Ratio Lower Upper

94 100

65 34.9 21.4 61.4

66 61.5 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

400000

300000

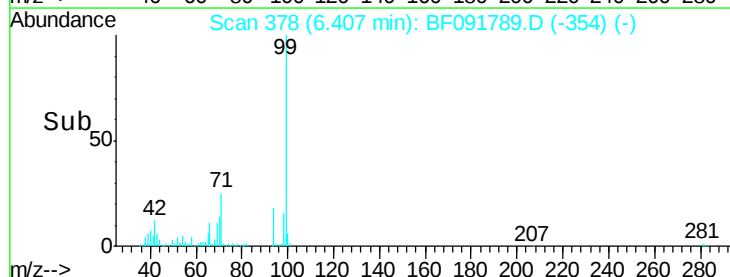
200000

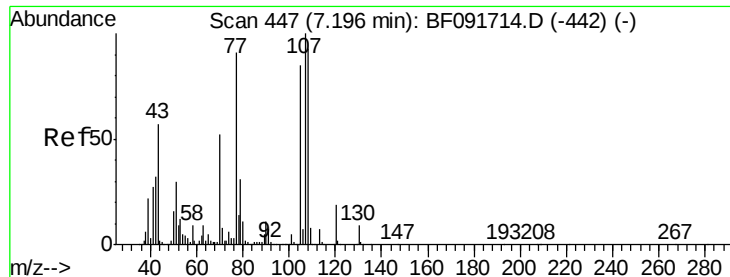
100000

0

6.35 6.40 6.45 6.50

Time-->

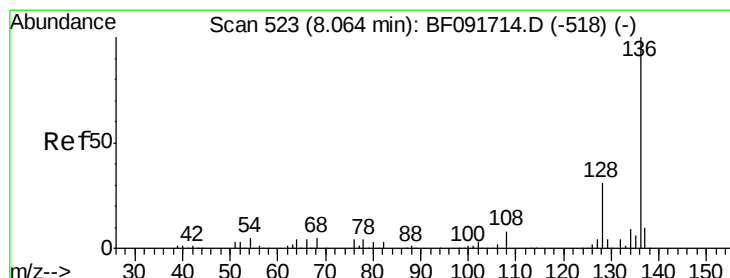
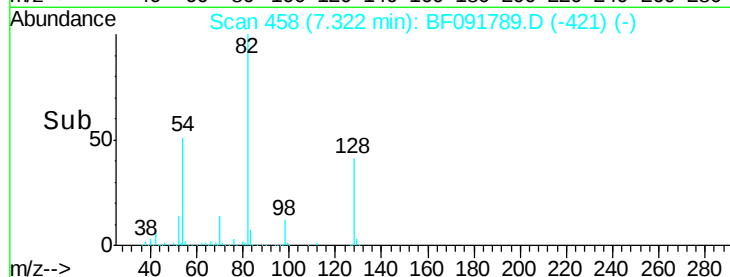
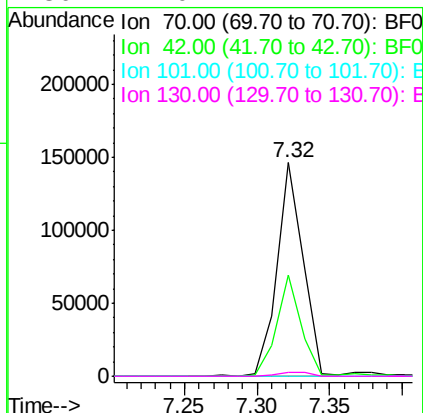
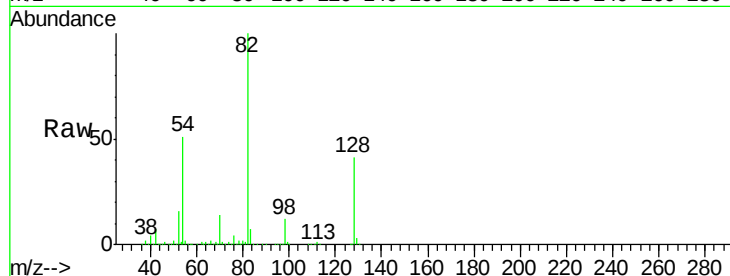




#19
n-Nitroso-di-n-propylamine
Concen: 15.24 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

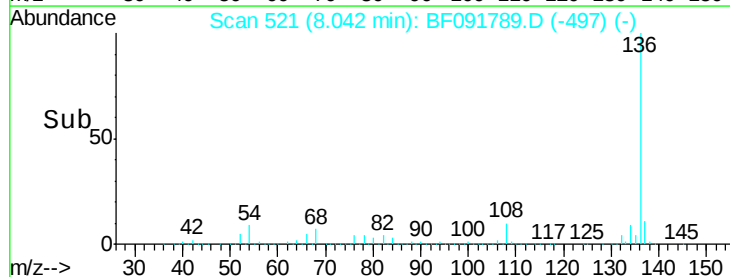
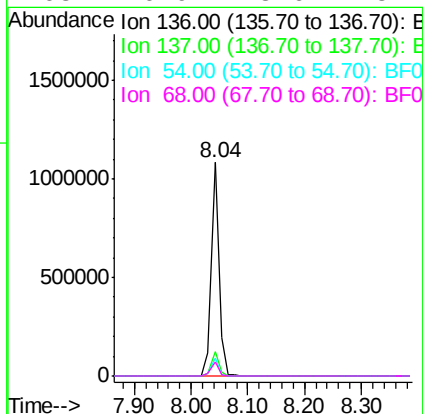
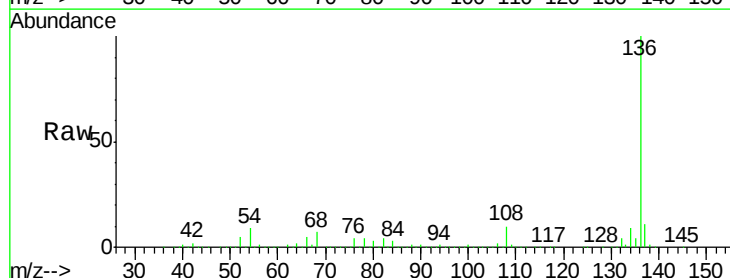
Instrument :
BNA_F
ClientSampleId :
MW-06

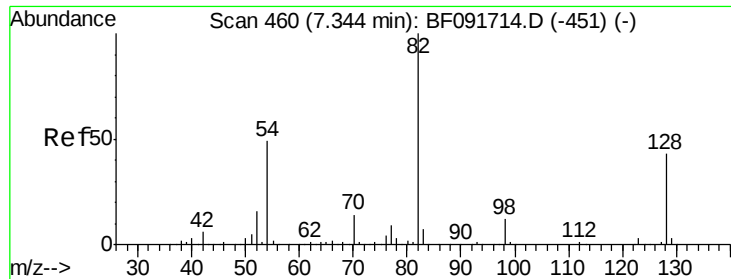
Tgt Ion:	70	Resp:	181926
Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:	136	Resp:	979347
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.6	4.5	6.7#
68	6.9	3.6	5.4#

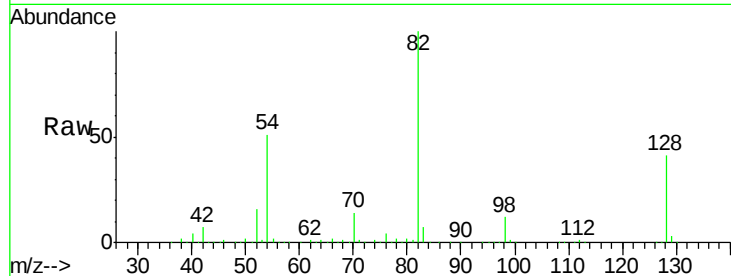




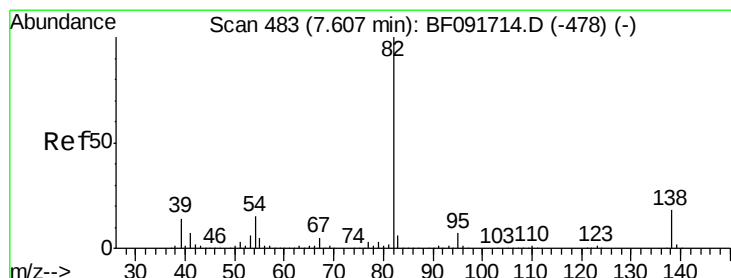
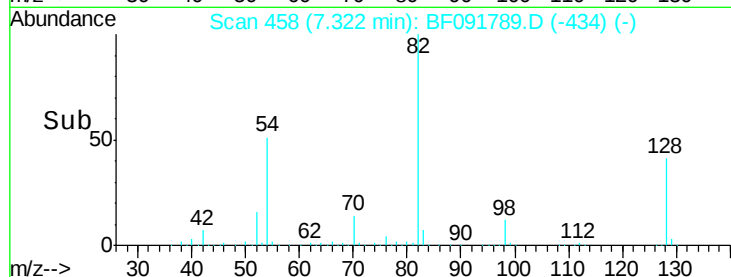
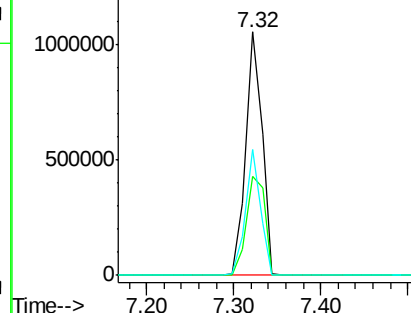
#23
 Nitrobenzene-d5
 Concen: 81.33 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091789.D
 Acq: 19 Dec 2016 22:42

Instrument :
 BNA_F
 ClientSampled :
 MW-06

Tgt Ion: 82 Resp: 1381232
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.6 52.0
 54 51.5 39.5 59.3

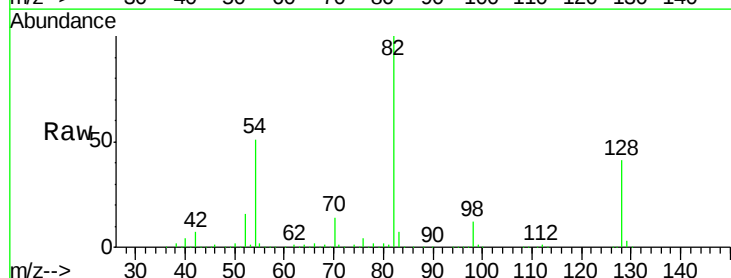


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

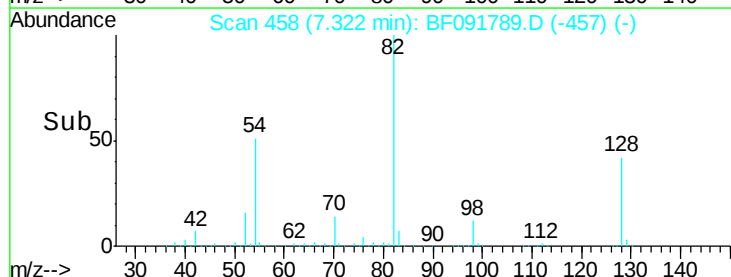
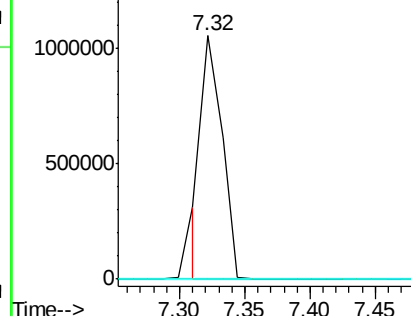


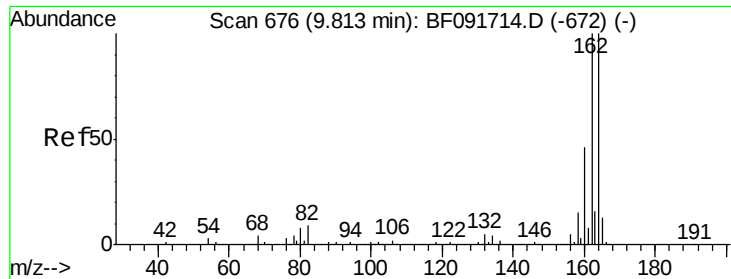
#25
 Isophorone
 Concen: 35.51 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.29 min
 Lab File: BF091789.D
 Acq: 19 Dec 2016 22:42

Tgt Ion: 82 Resp: 1150651
 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

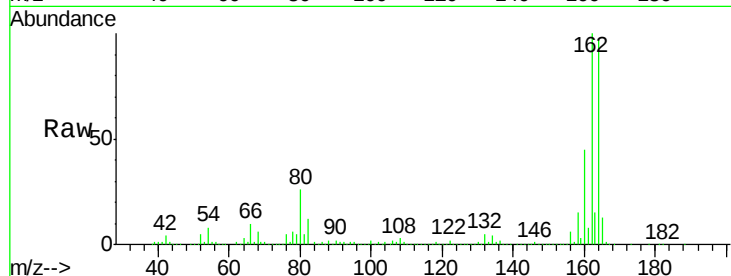




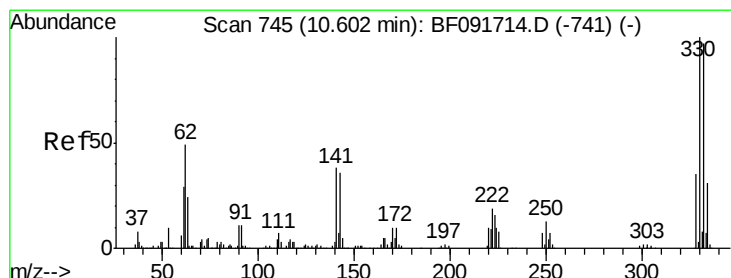
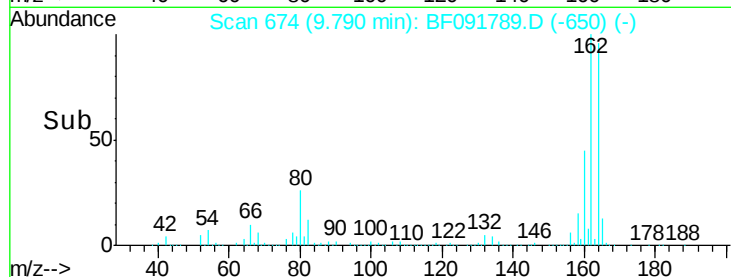
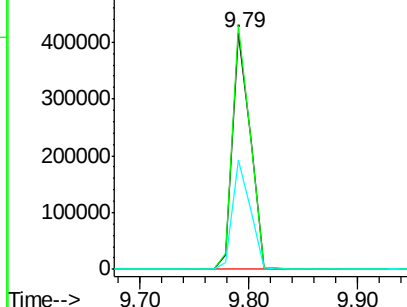
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampled :
MW-06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	46.0	36.9	55.3

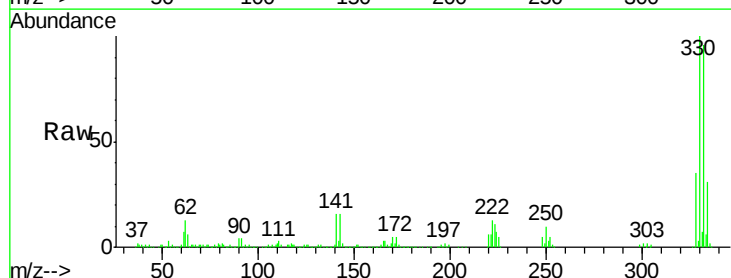


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

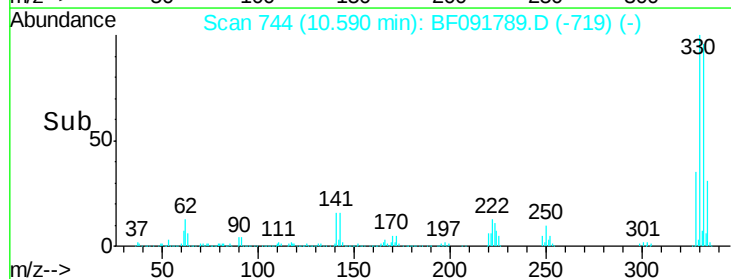
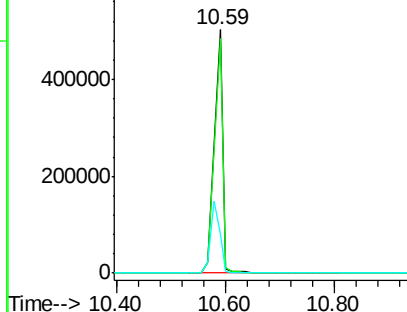


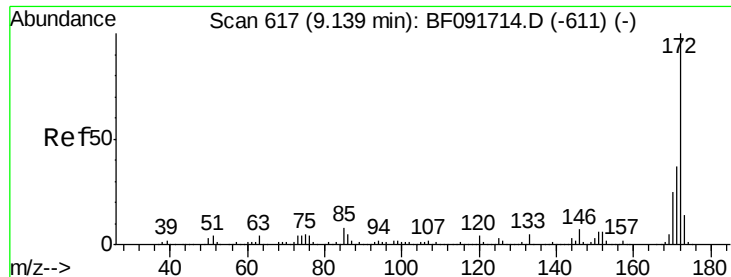
#41
2,4,6-Tribromophenol
Concen: 142.36 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	31.5	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

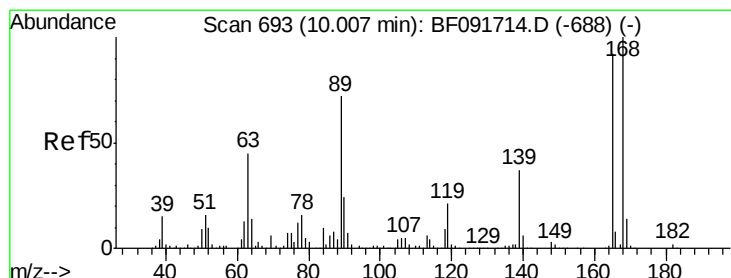
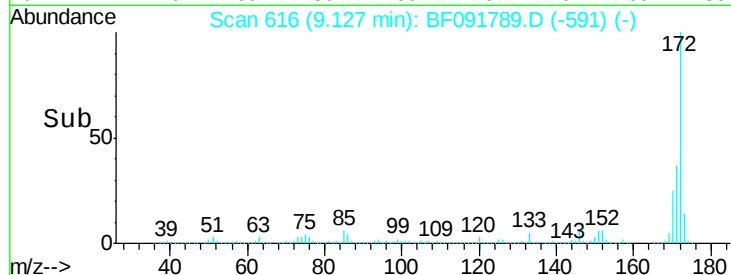
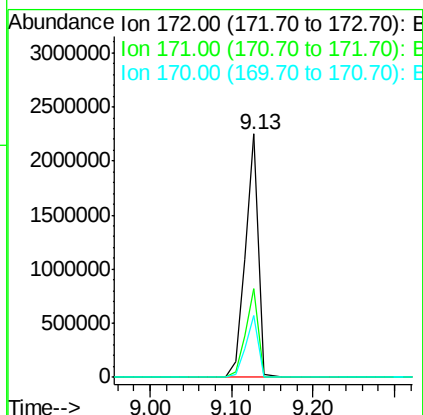
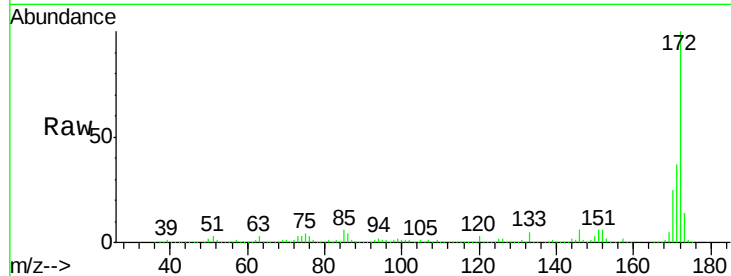




#44
2-Fluorobiphenyl
Concen: 105.23 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

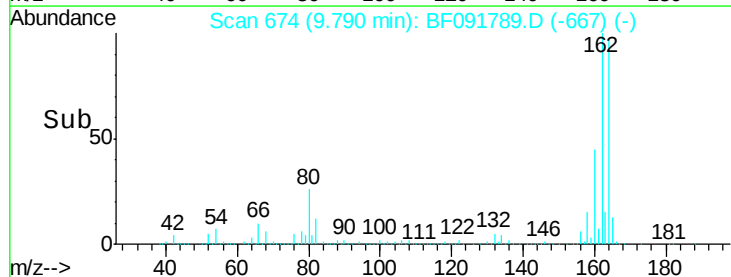
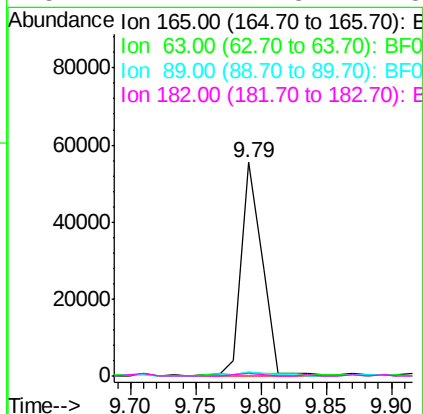
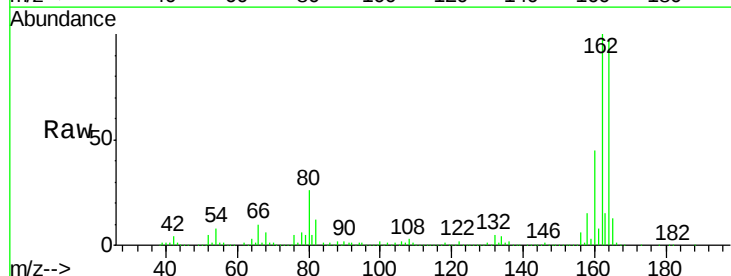
Instrument :
BNA_F
ClientSampleId :
MW-06

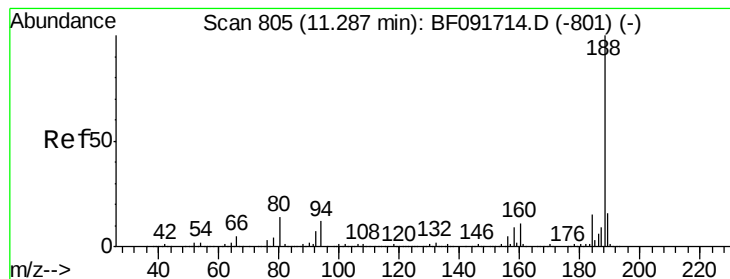
Tgt Ion:172 Resp: 2436222
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.4 20.2 30.4



#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:165 Resp: 62084
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.9 62.5 93.7#
182 1.2 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

Instrument :

BNA_F

ClientSampleId :

MW-06

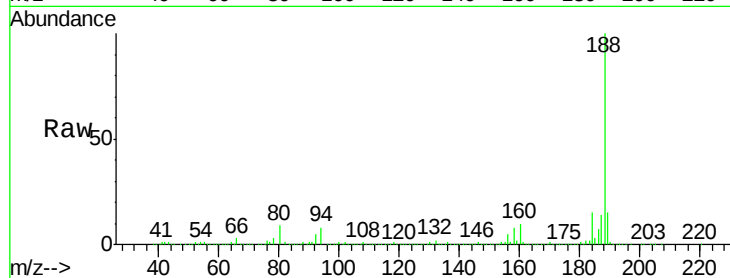
Tgt Ion:188 Resp: 819052

Ion Ratio Lower Upper

188 100

94 8.5 10.0 15.0#

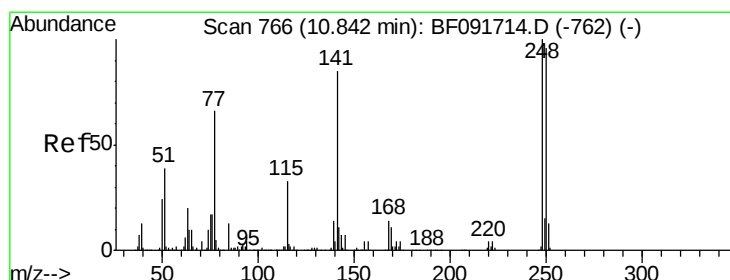
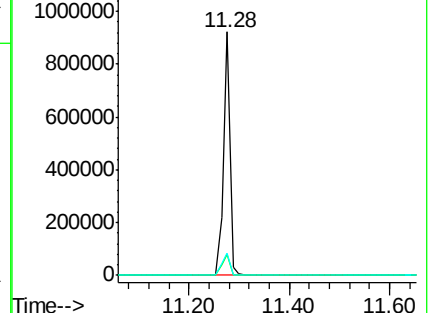
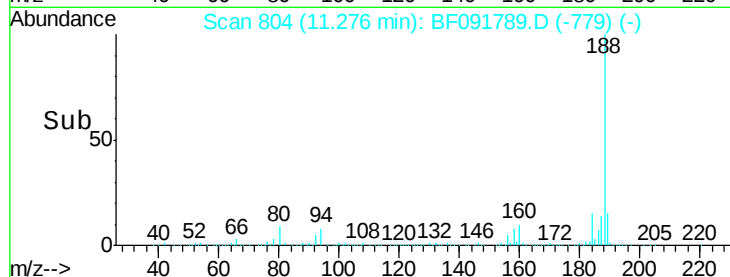
80 9.0 11.2 16.8#



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: 4.14 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091789.D

Acq: 19 Dec 2016 22:42

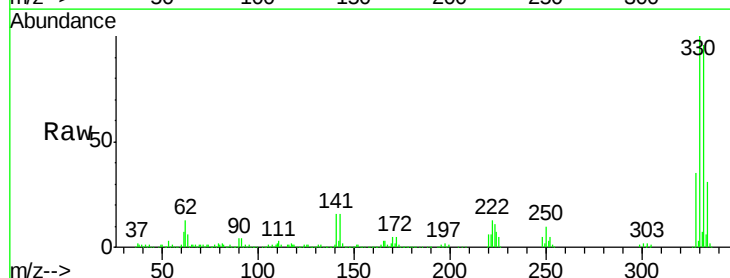
Tgt Ion:248 Resp: 35528

Ion Ratio Lower Upper

248 100

250 196.7 76.9 115.3#

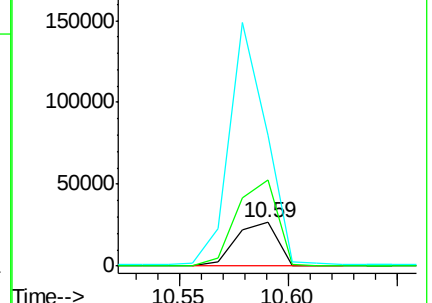
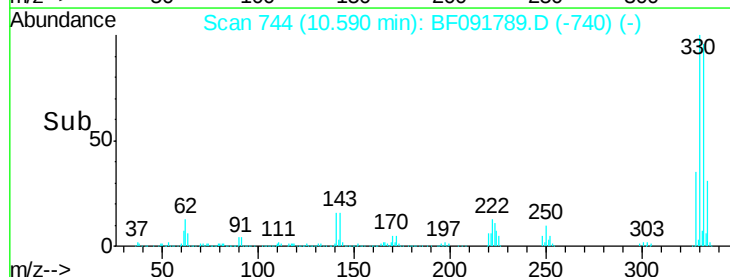
141 299.1 68.2 102.4#

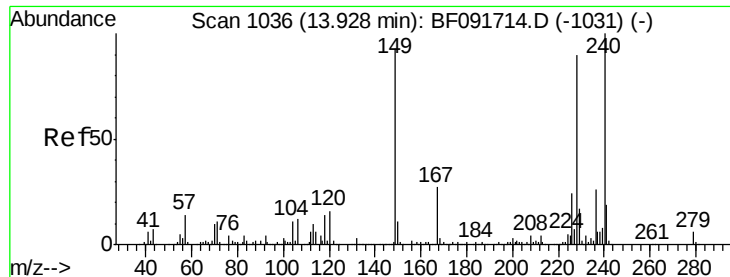


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF091789.D

Acq: 19 Dec 2016 22:42

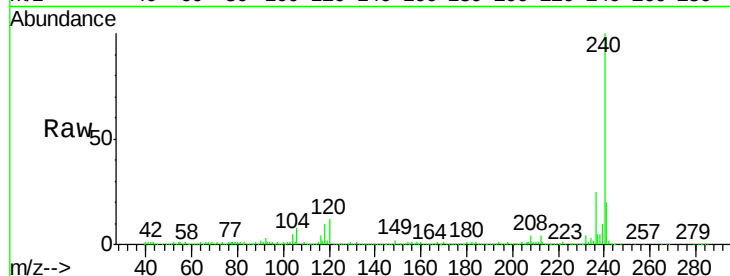
Instrument :

BNA_F

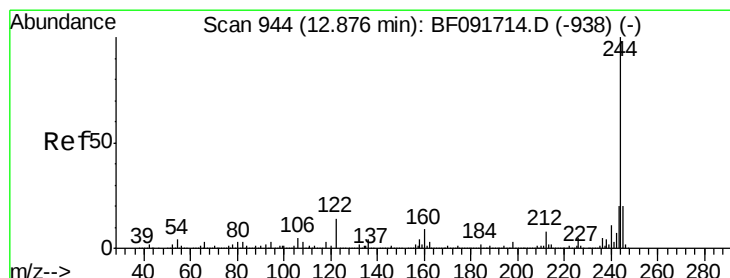
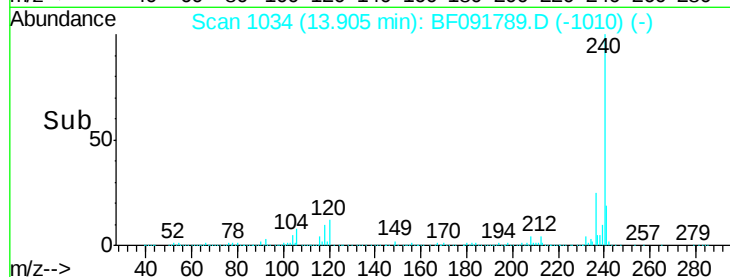
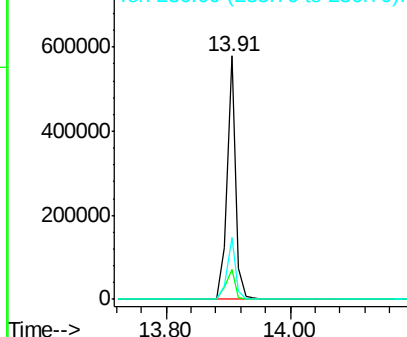
ClientSampleId :

MW-06

Tgt Ion:	240	Resp:	550138
Ion Ratio	Lower	Upper	
240	100		
120	12.0	12.9	19.3#
236	25.4	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: 84.26 ng

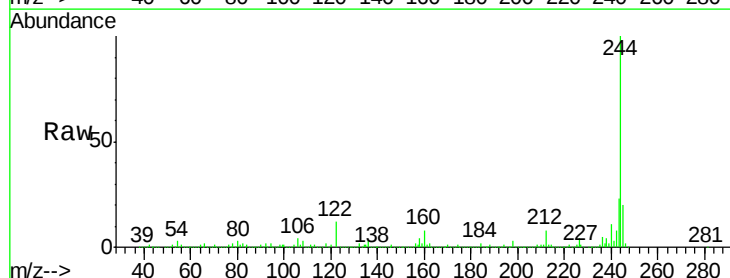
RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

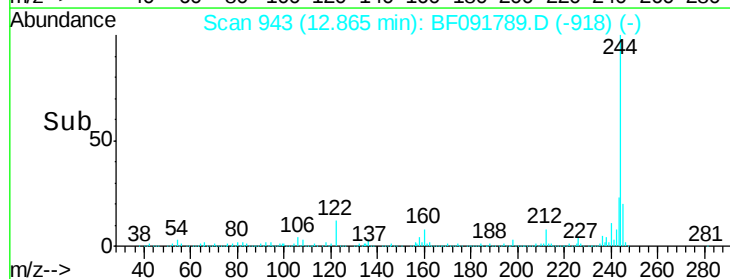
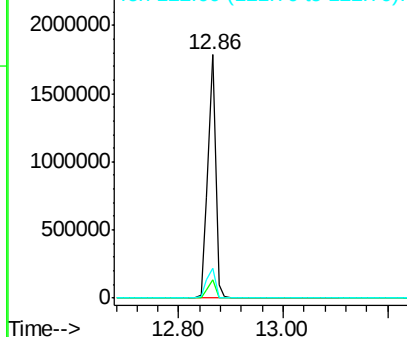
Lab File: BF091789.D

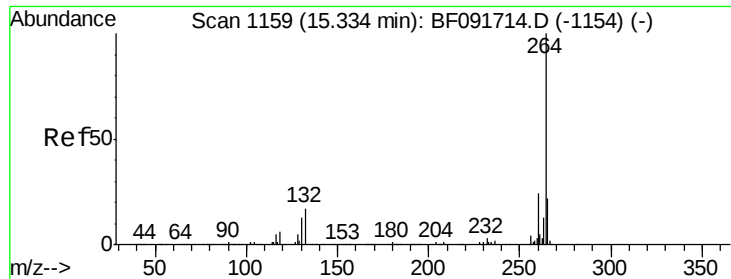
Acq: 19 Dec 2016 22:42

Tgt Ion:	244	Resp:	1835940
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	12.4	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: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 264 Resp: 444619
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.1 17.4 26.0

