

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082917.D
 Acq On : 14 Nov 2015 1:50
 Operator : UM/IZ
 Sample : G4382-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 14 04:22:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

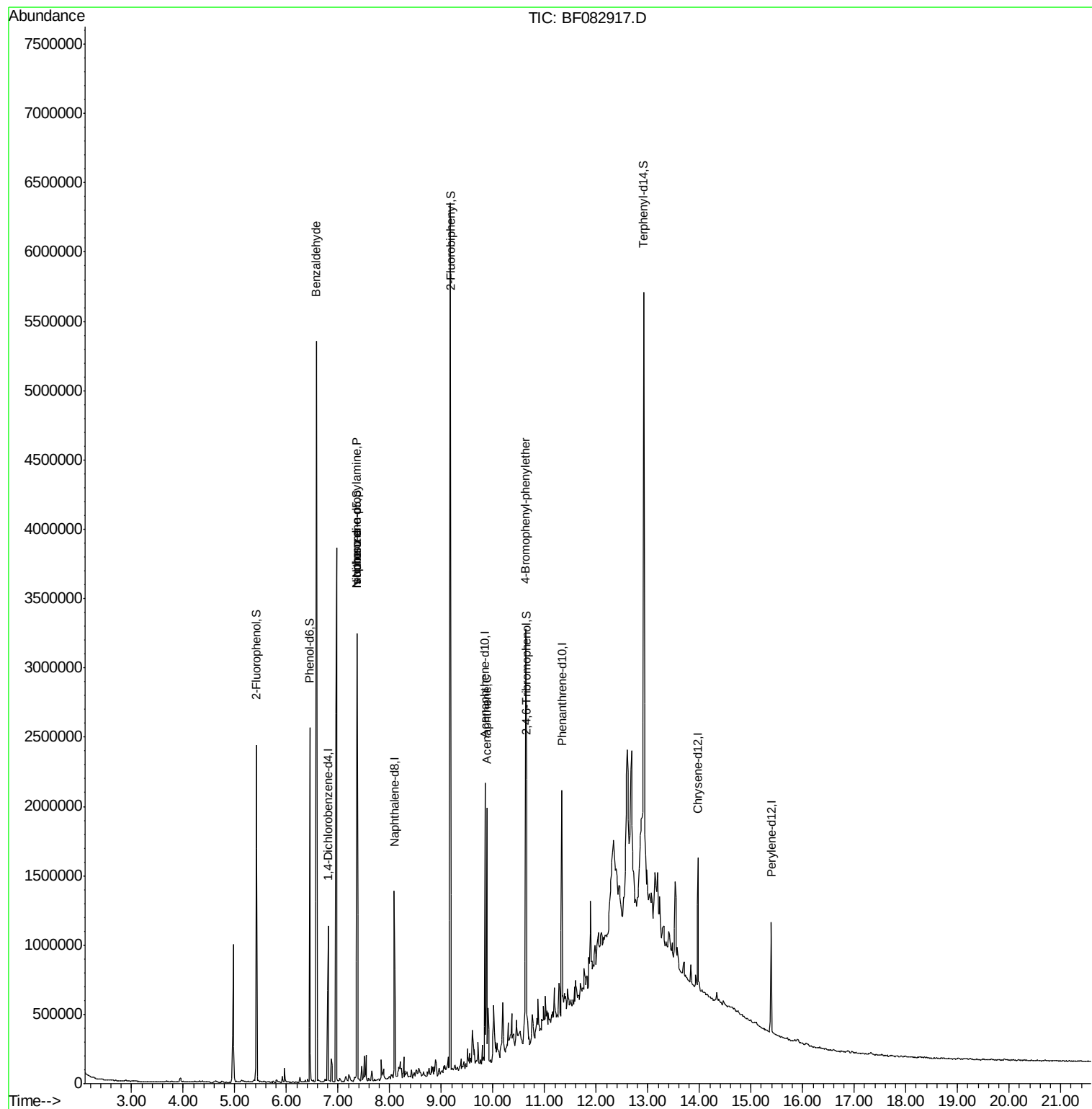
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	206695	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	717502	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	369864	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	613939	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	423238	20.00	ng	-0.05
86) Perylene-d12	15.39	264	429363	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	833807	62.77	ng	-0.03
7) Phenol-d6	6.45	99	765899	43.37	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1286324	78.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	477489	112.59	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1921216	74.45	ng	-0.05
78) Terphenyl-d14	12.92	244	1265235	70.90	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	35751	3.66	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.37	70	170616	13.14	ng	# 72
25) Isophorone	7.37	82	1276430	41.84	ng	# 70
51) Acenaphthene	9.88	154	393963	16.02	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	31082	4.20	ng	# 1

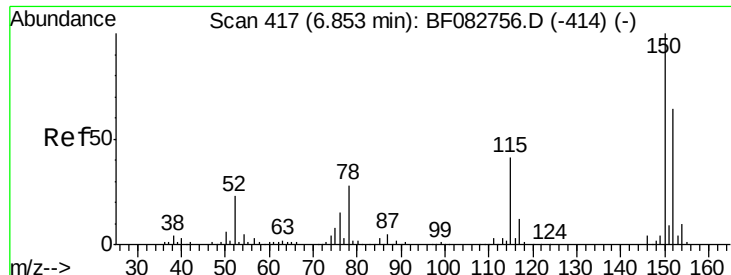
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

Instrument :

BNA_F

ClientSampleId :

MW-1

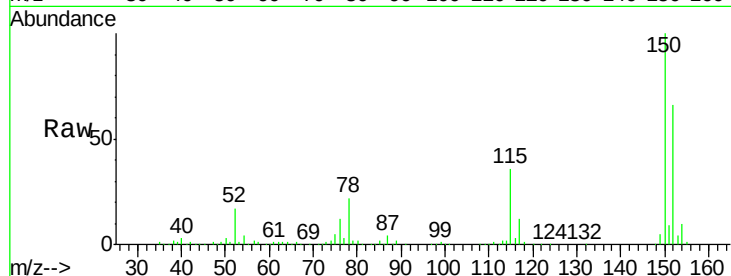
Tgt Ion:152 Resp: 206695

Ion Ratio Lower Upper

152 100

150 151.5 127.0 190.4

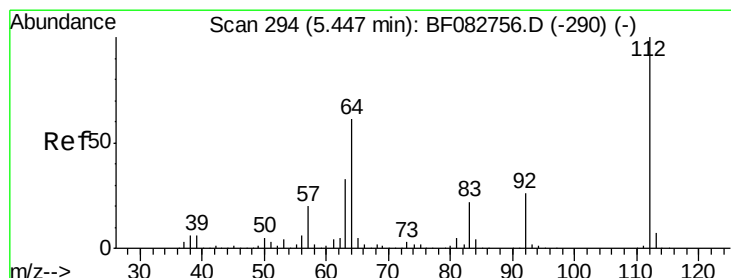
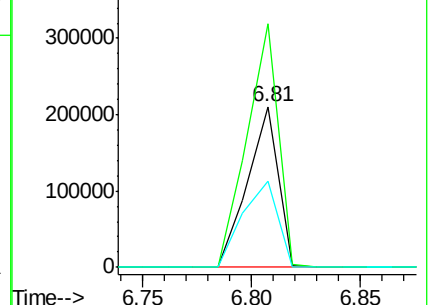
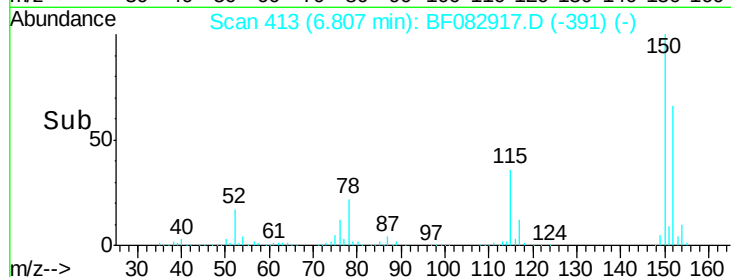
115 53.8 47.0 70.6



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: 62.77 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

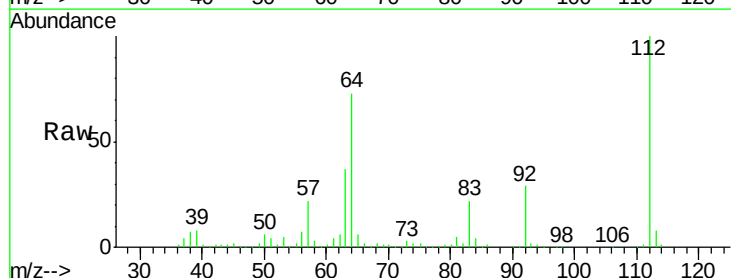
Tgt Ion:112 Resp: 833807

Ion Ratio Lower Upper

112 100

64 73.5 48.9 73.3#

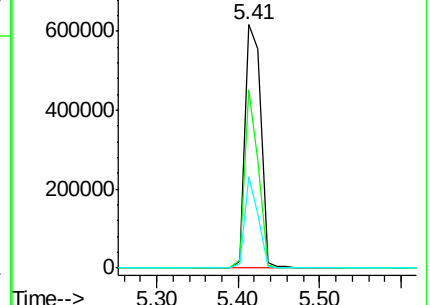
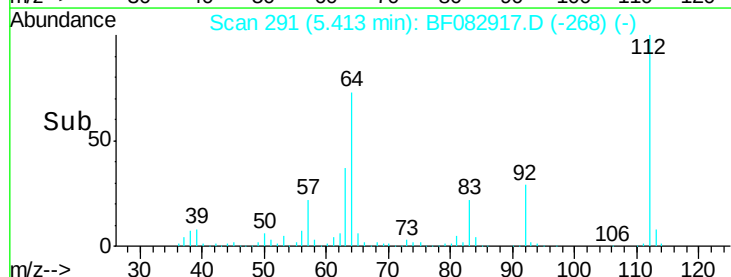
63 37.3 28.1 42.1

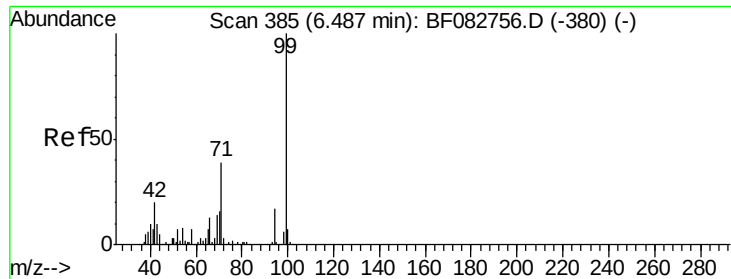


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.37 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

Instrument :

BNA_F

ClientSampleId :

MW-1

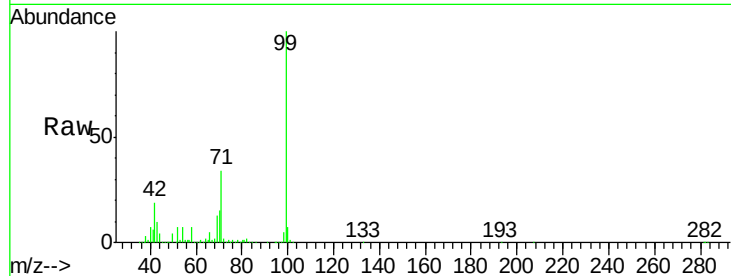
Tgt Ion: 99 Resp: 765899

Ion Ratio Lower Upper

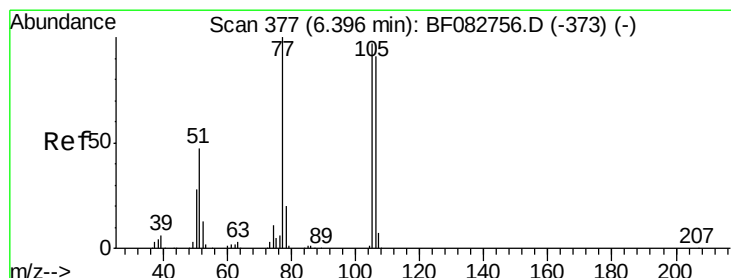
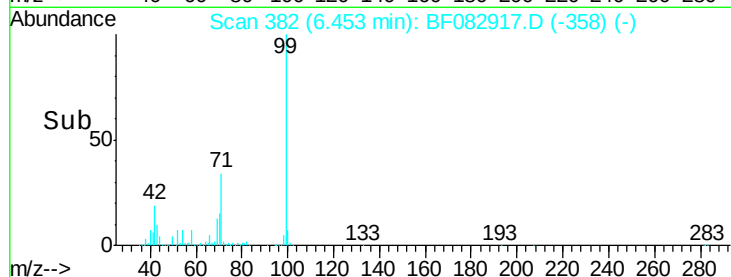
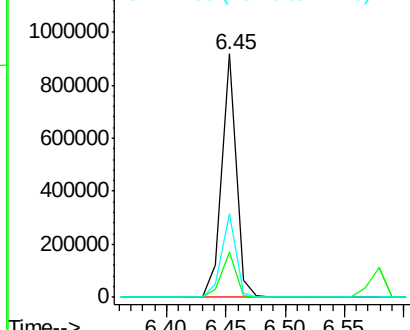
99 100

42 18.8 19.2 28.8#

71 34.3 35.0 52.4#



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



#9

Benzaldehyde

Concen: 3.66 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

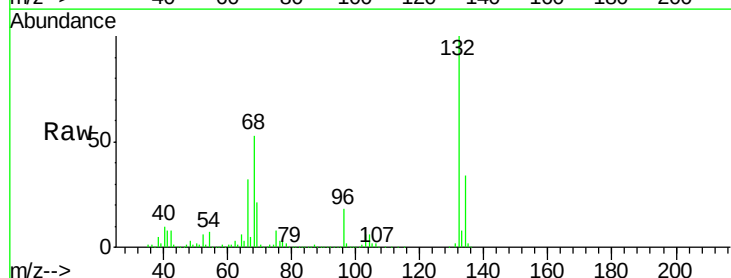
Tgt Ion: 77 Resp: 35751

Ion Ratio Lower Upper

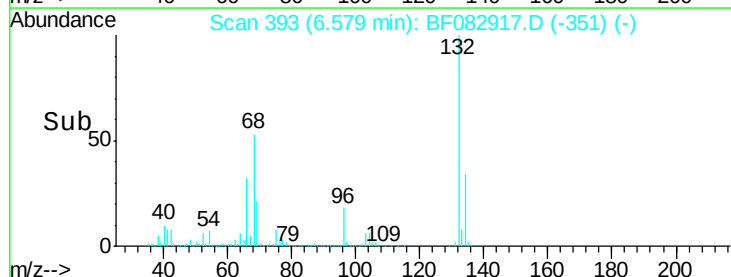
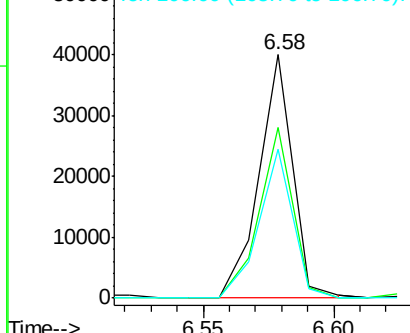
77 100

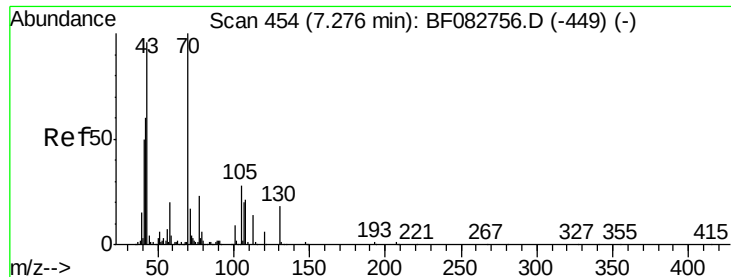
105 70.3 63.5 103.5

106 61.3 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

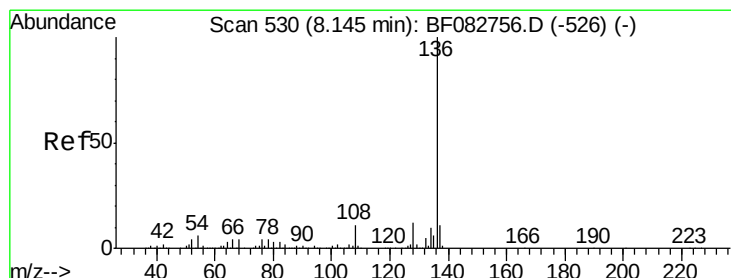
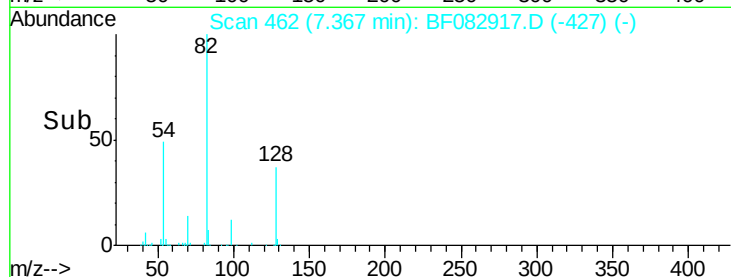
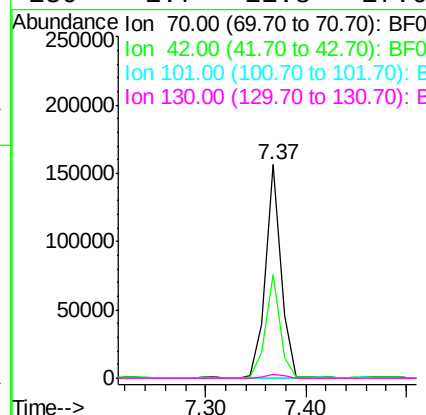
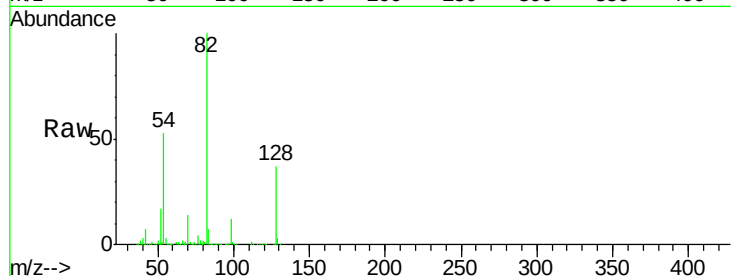




#19
n-Nitroso-di-n-propylamine
Concen: 13.14 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

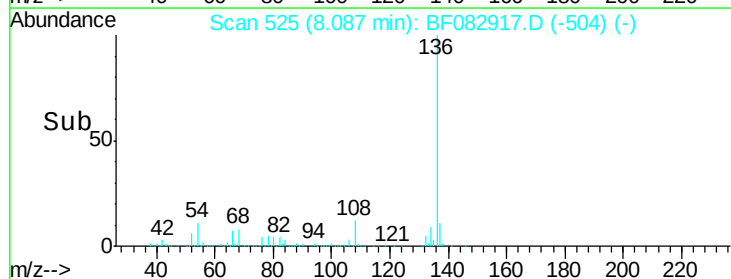
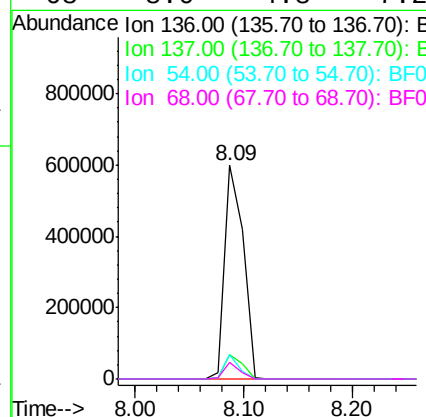
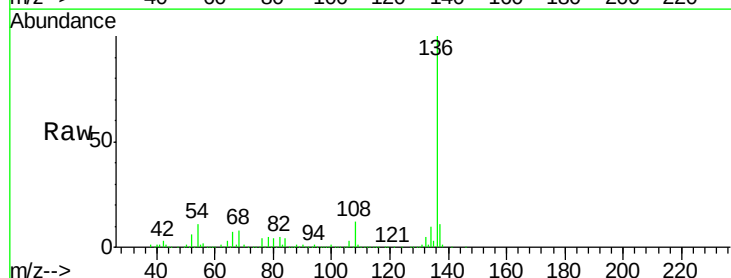
Instrument :
BNA_F
ClientSampleId :
MW-1

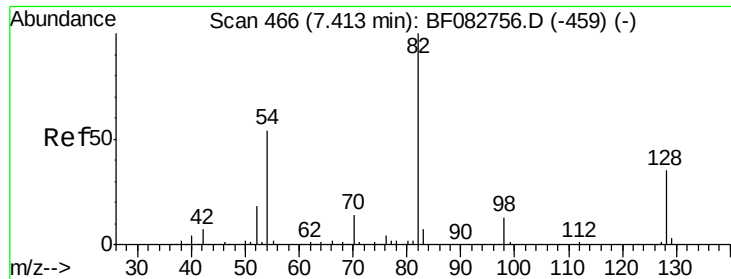
Tgt Ion:	70	Resp:	170616
Ion	Ratio	Lower	Upper
70	100		
42	48.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

Tgt Ion:	136	Resp:	717502
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.4	9.1	13.7
68	8.0	4.8	7.2#

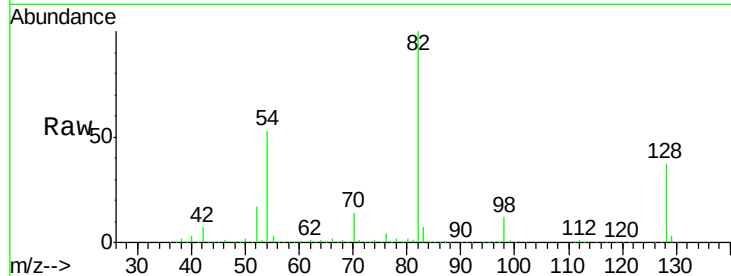




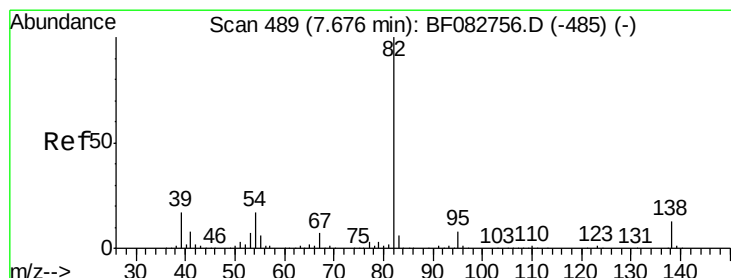
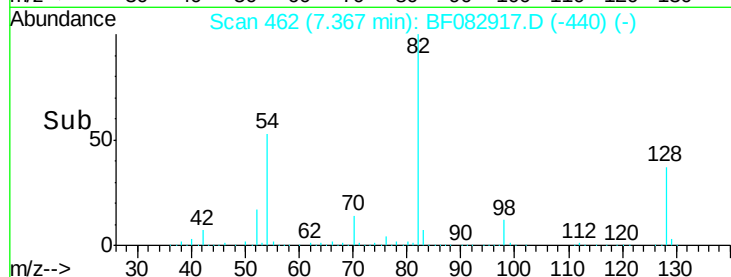
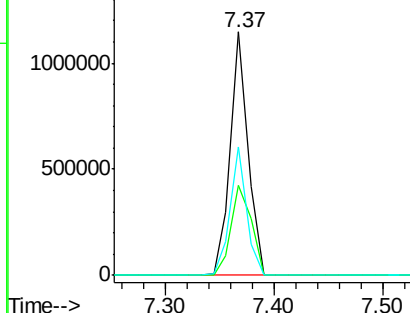
#23
Nitrobenzene-d5
Concen: 78.01 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1286324
Ion Ratio Lower Upper
82 100
128 37.1 26.8 40.2
54 52.7 45.7 68.5

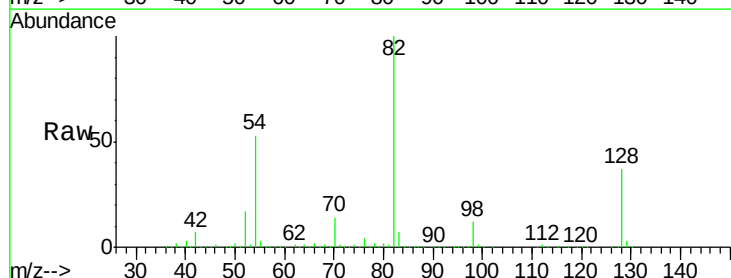


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

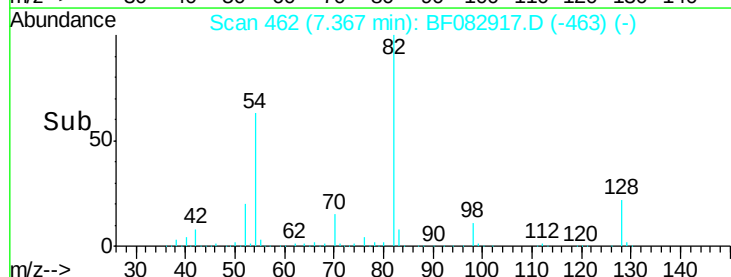
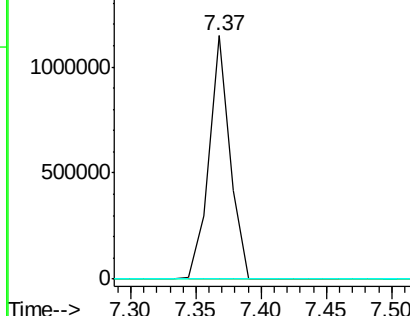


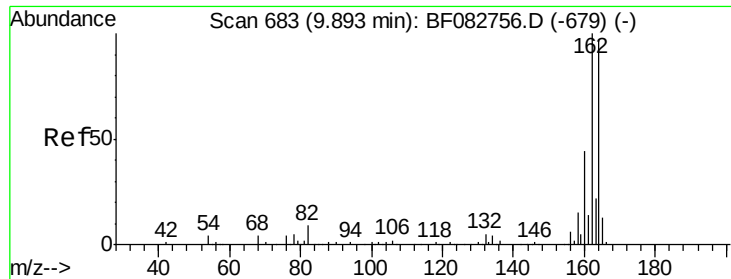
#25
Isophorone
Concen: 41.84 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

Tgt Ion: 82 Resp: 1276430
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 11.4 17.0#



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

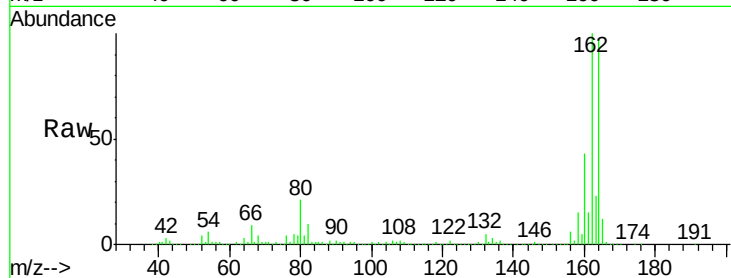




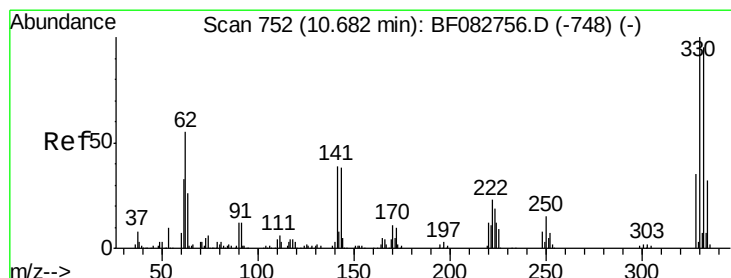
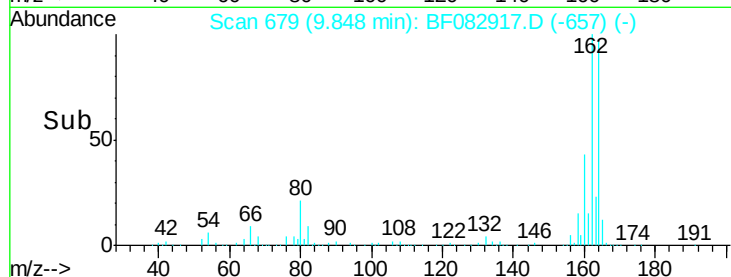
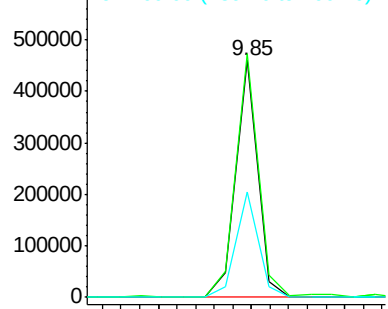
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 369864
Ion Ratio Lower Upper
164 100
162 102.9 84.9 127.3
160 44.5 37.5 56.3

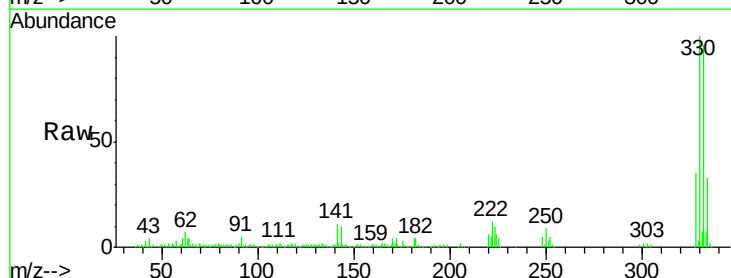


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

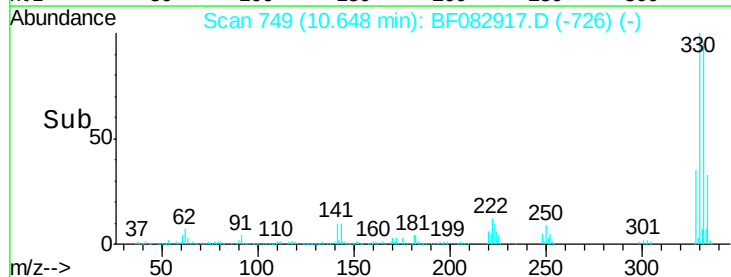
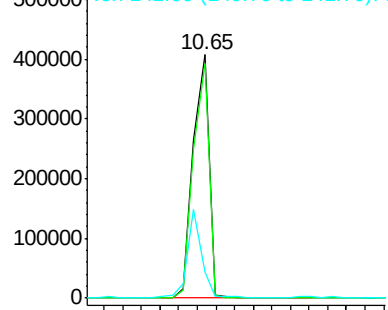


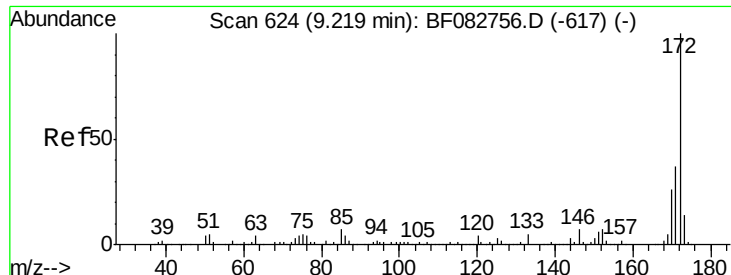
#41
2,4,6-Tribromophenol
Concen: 112.59 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

Tgt Ion:330 Resp: 477489
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 32.0 41.2 61.8#



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

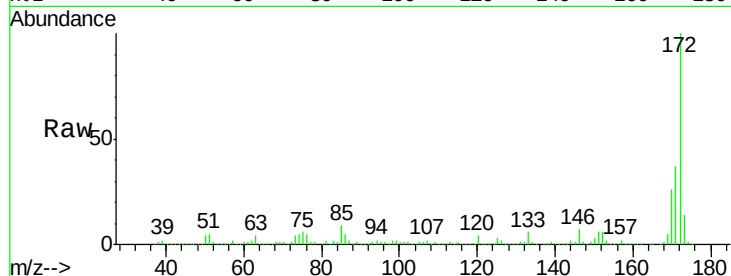




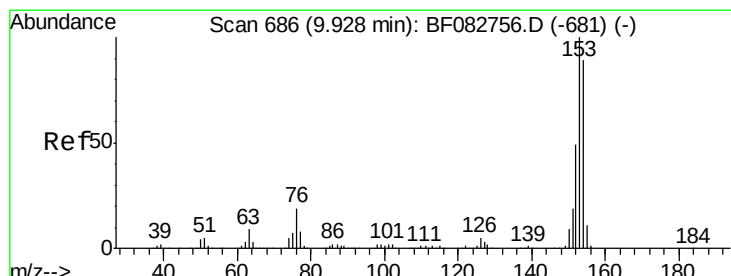
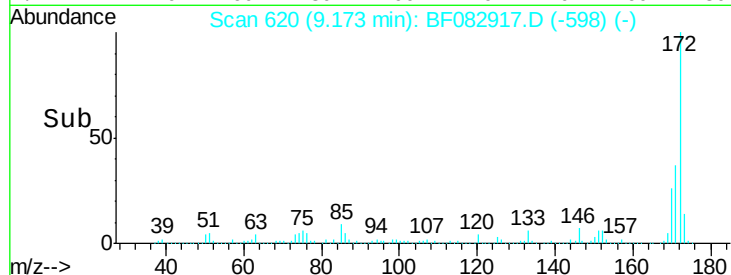
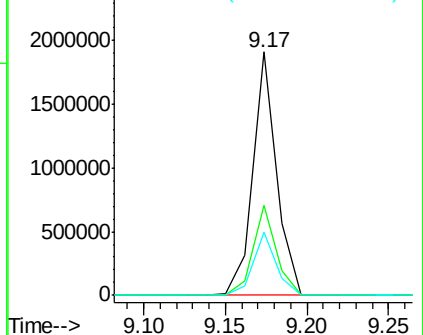
#44
 2-Fluorobiphenyl
 Concen: 74.45 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:172 Resp: 1921216
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.9 21.2 31.8

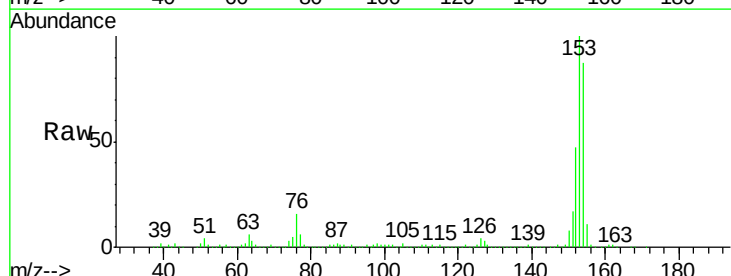


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

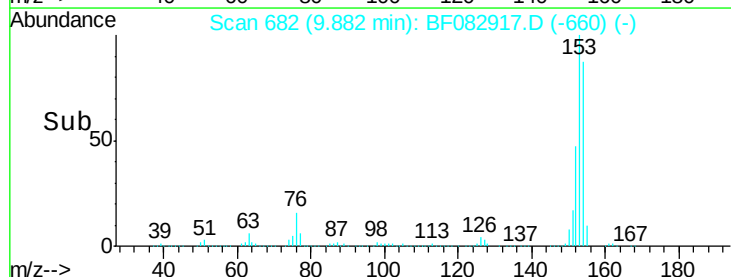
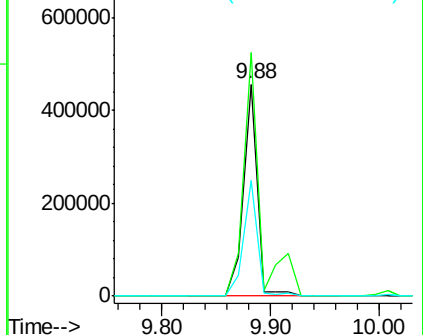


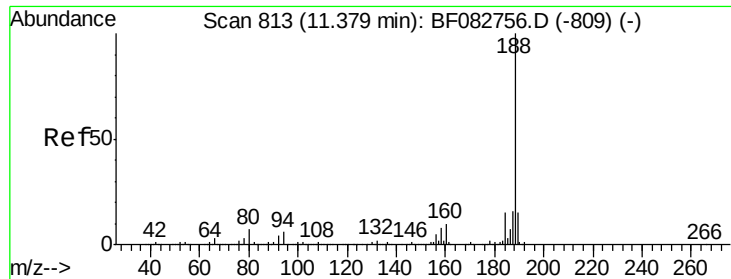
#51
 Acenaphthene
 Concen: 16.02 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082917.D
 Acq: 14 Nov 2015 1:50

Tgt Ion:154 Resp: 393963
 Ion Ratio Lower Upper
 154 100
 153 114.8 90.1 135.1
 152 54.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

Instrument :

BNA_F

ClientSampled :

MW-1

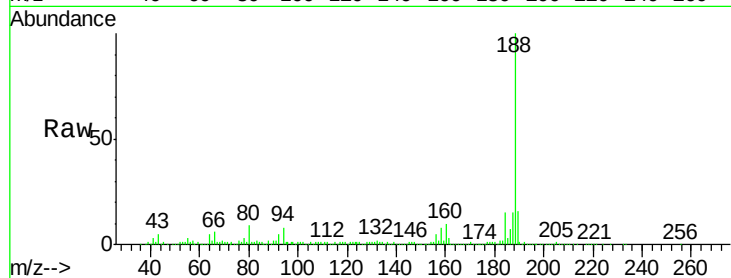
Tgt Ion:188 Resp: 613939

Ion Ratio Lower Upper

188 100

94 8.2 6.1 9.1

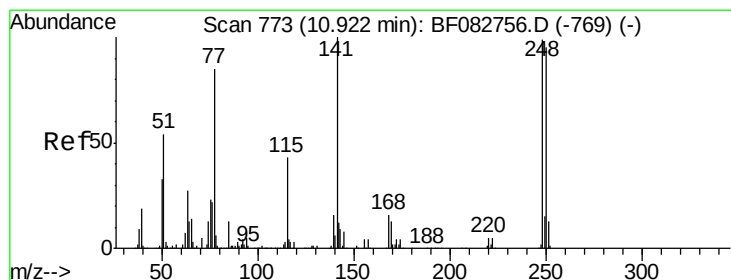
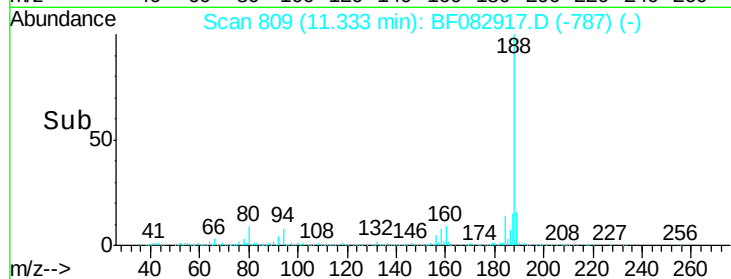
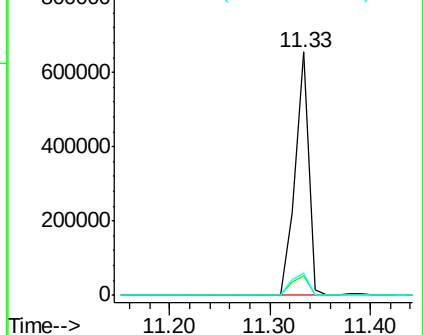
80 9.1 7.0 10.6



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: 4.20 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

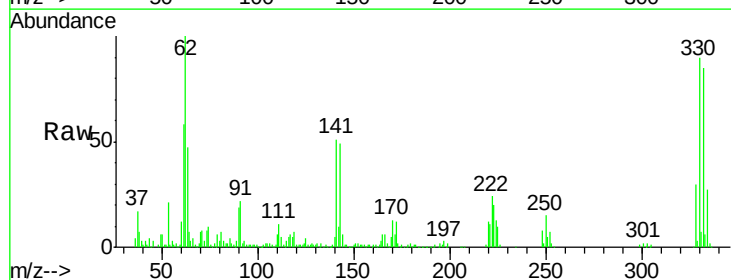
Tgt Ion:248 Resp: 31082

Ion Ratio Lower Upper

248 100

250 190.1 79.4 119.2#

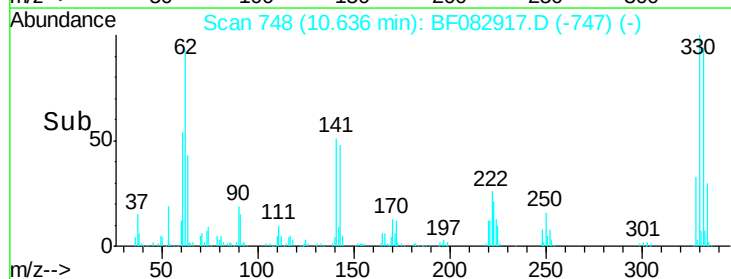
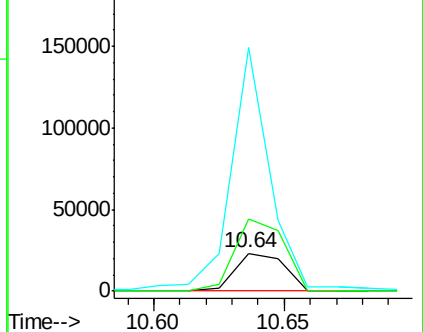
141 639.7 36.3 54.5#

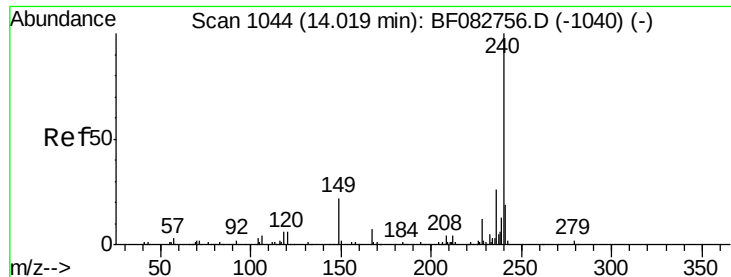


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

Instrument :

BNA_F

ClientSampleId :

MW-1

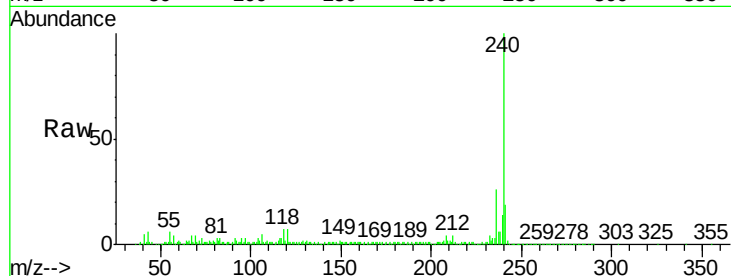
Tgt Ion:240 Resp: 423238

Ion Ratio Lower Upper

240 100

120 7.2 10.9 16.3#

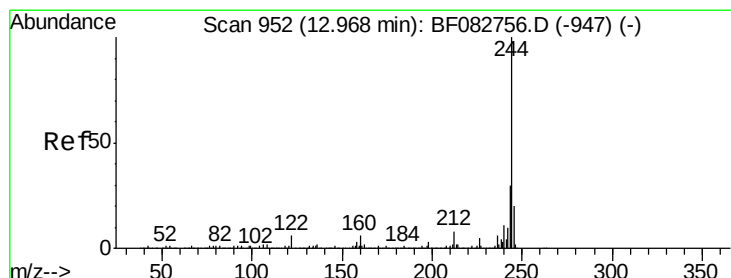
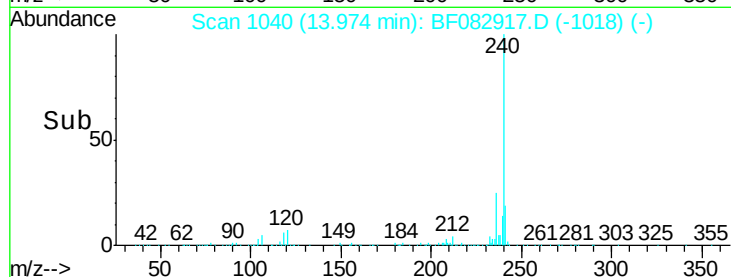
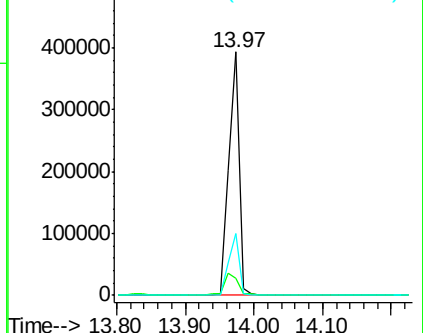
236 25.5 21.6 32.4



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: 70.90 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082917.D

Acq: 14 Nov 2015 1:50

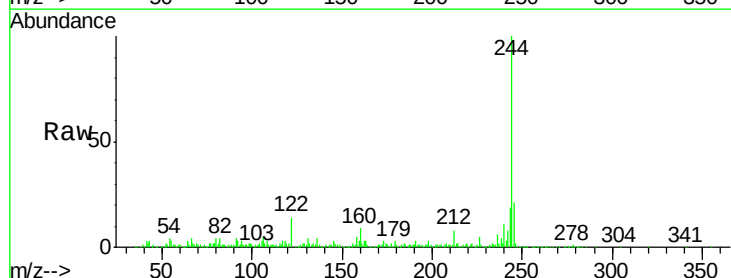
Tgt Ion:244 Resp: 1265235

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

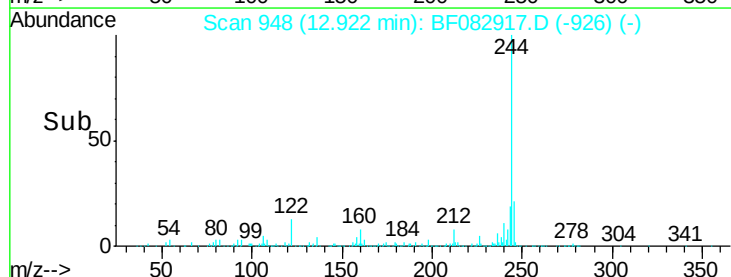
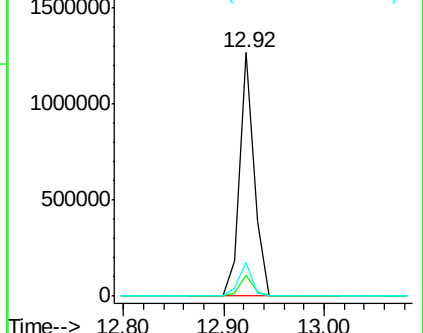
122 13.6 11.3 16.9

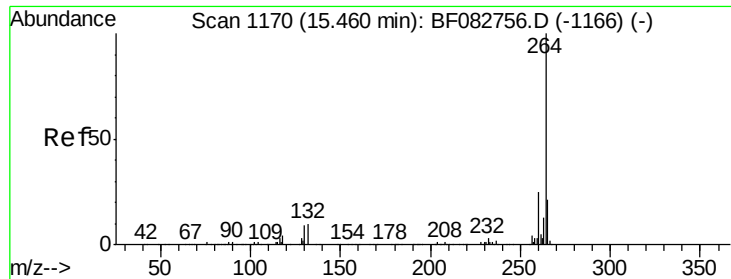


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082917.D
Acq: 14 Nov 2015 1:50

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 429363
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.3 17.4 26.0

