

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086784.D
 Acq On : 7 May 2016 20:04
 Operator : UM/SJ
 Sample : H2878-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Quant Time: May 08 00:27:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

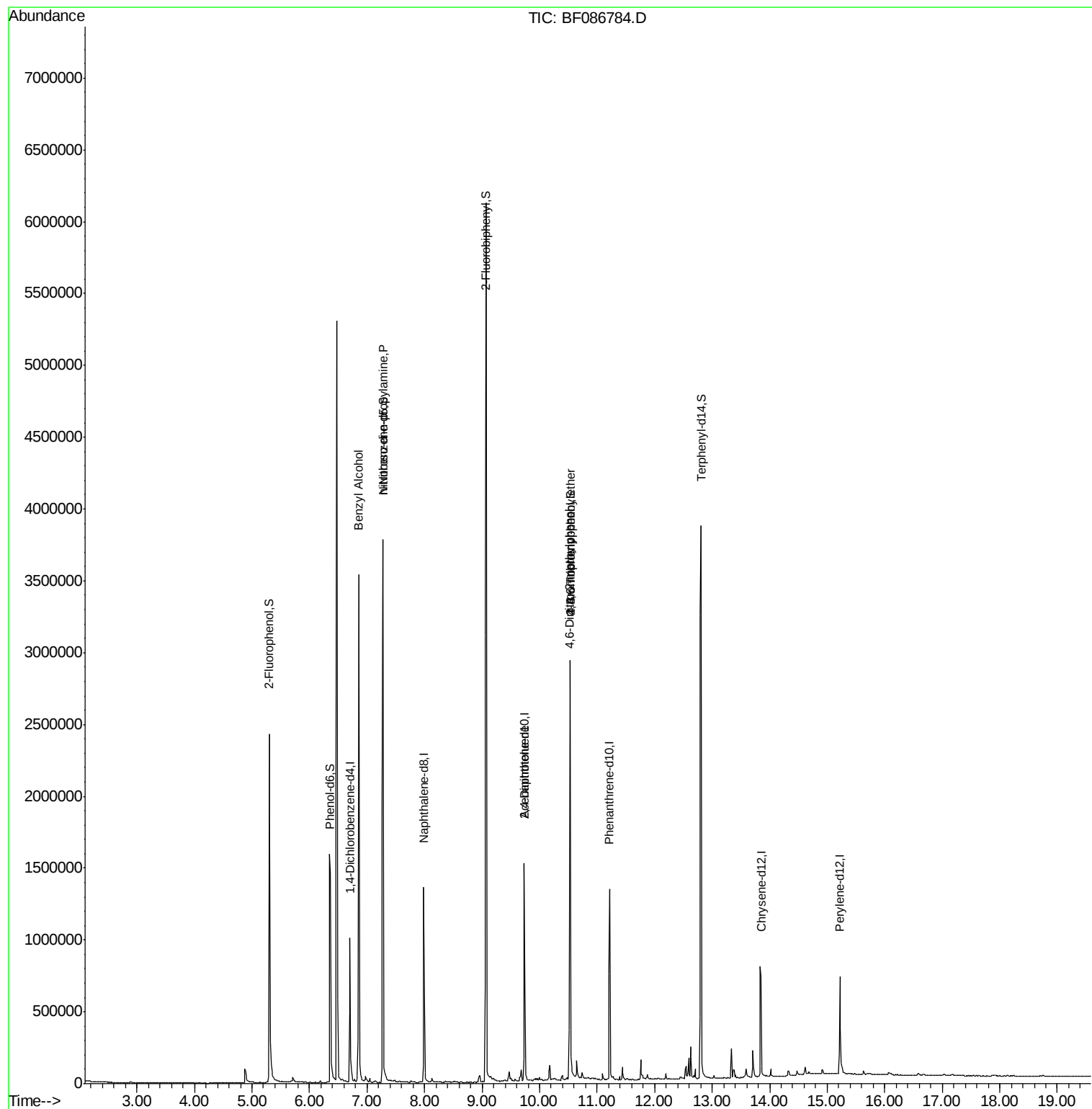
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169657	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	706823	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	323994	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	600679	40.00	ng	0.00
75) Chrysene-d12	13.85	240	397740	40.00	ng	0.00
86) Perylene-d12	15.22	264	315579	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	878978	85.77	ng	0.00
7) Phenol-d6	6.36	99	797014	57.73	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1364259	99.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	566919	178.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2166306	109.60	ng	0.00
78) Terphenyl-d14	12.81	244	1670453	84.88	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.85	79	23192	2.60	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	195138	20.69	ng	# 73
56) 2,4-Dinitrotoluene	9.73	165	40288	6.27	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.52	198	1300	5.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	32035	5.37	ng	# 1

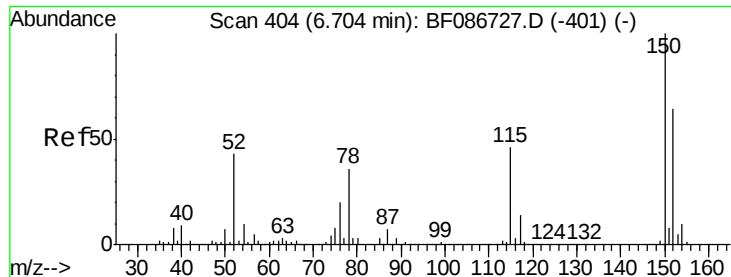
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

URSMW-14

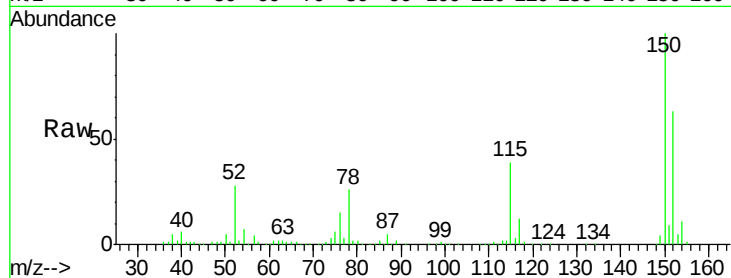
Tgt Ion:152 Resp: 169657

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.6

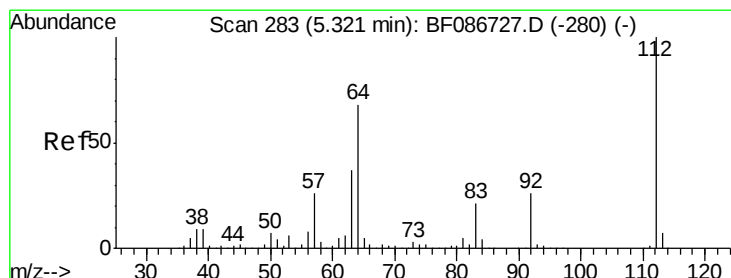
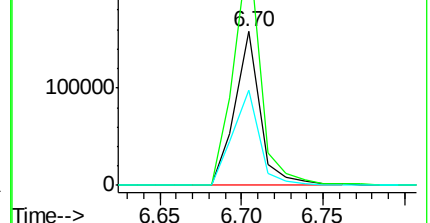
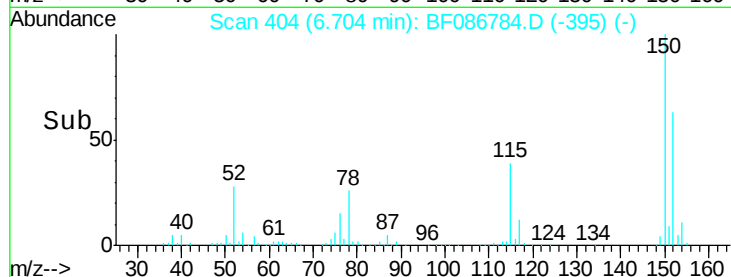
115 61.7 51.5 77.3



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: 85.77 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

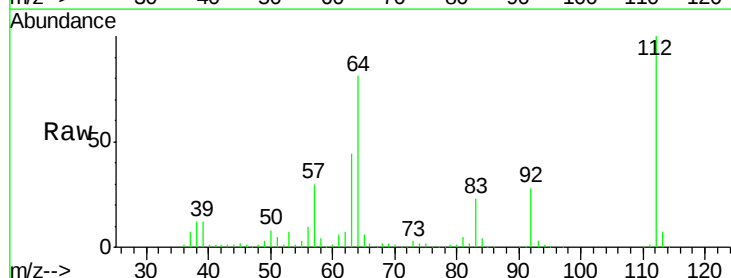
Tgt Ion:112 Resp: 878978

Ion Ratio Lower Upper

112 100

64 81.0 52.1 78.1#

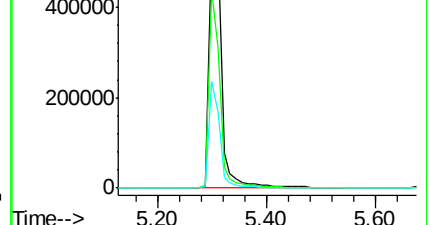
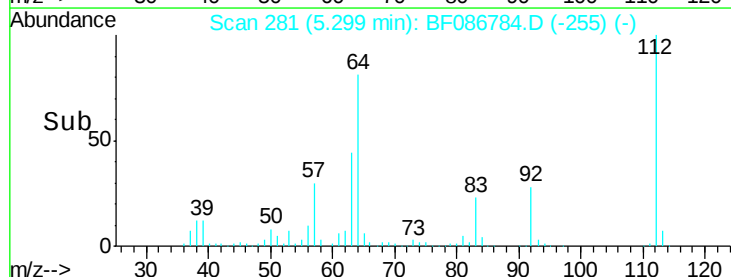
63 43.6 25.7 38.5#

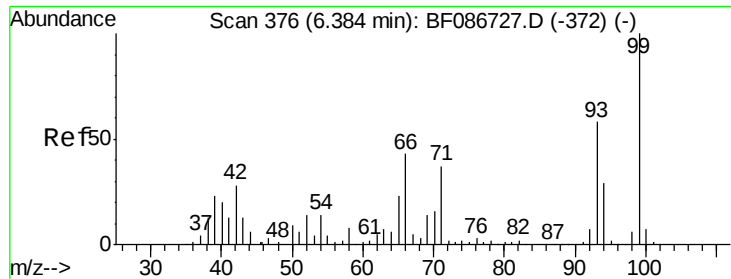


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.73 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

URSMW-14

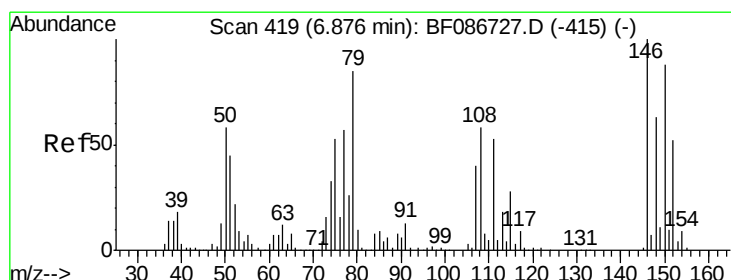
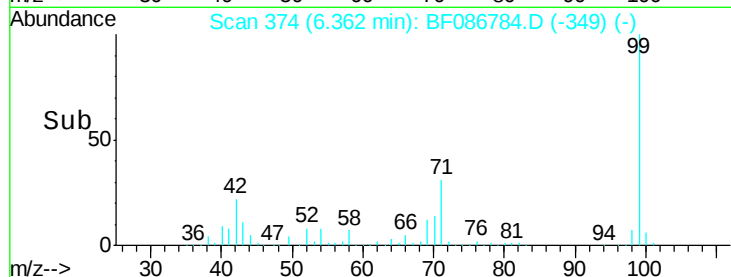
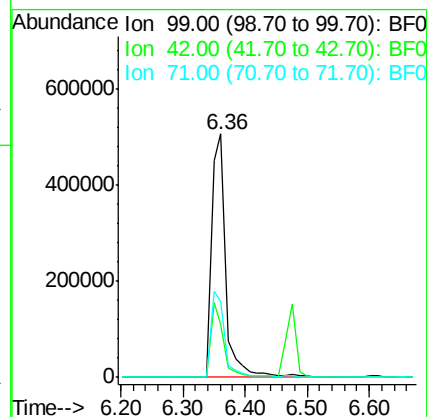
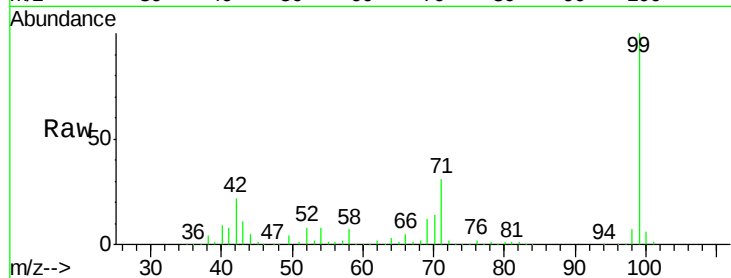
Tgt Ion: 99 Resp: 797014

Ion Ratio Lower Upper

99 100

42 21.8 13.6 20.4#

71 31.3 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.60 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

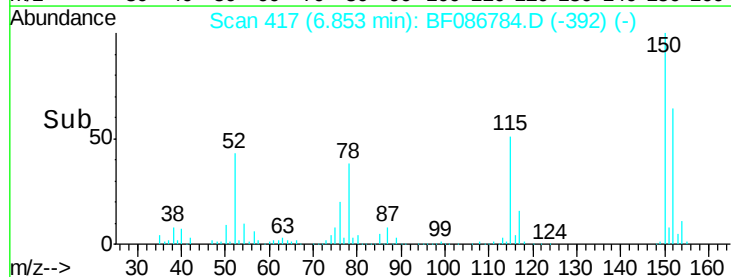
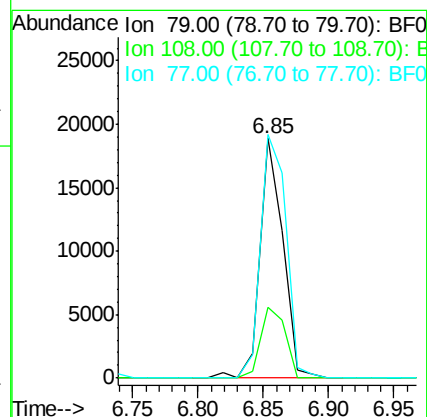
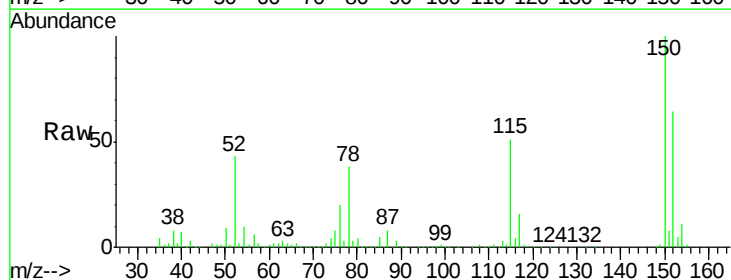
Tgt Ion: 79 Resp: 23192

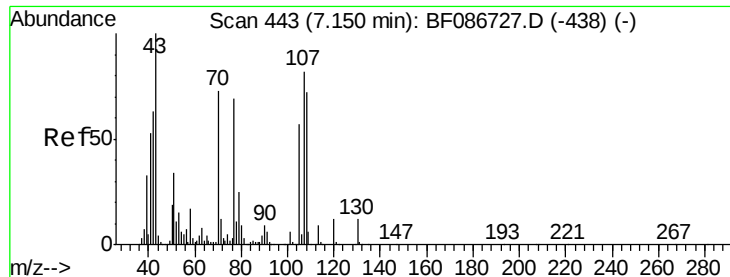
Ion Ratio Lower Upper

79 100

108 29.4 68.4 102.6#

77 101.7 50.6 76.0#

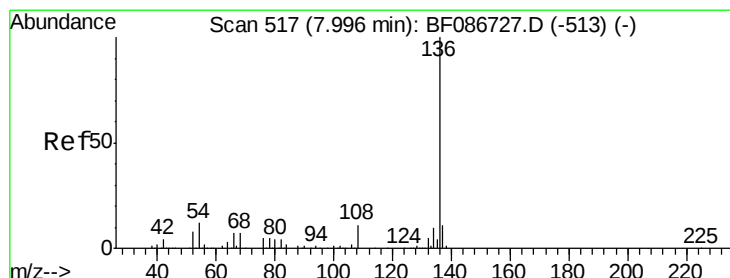
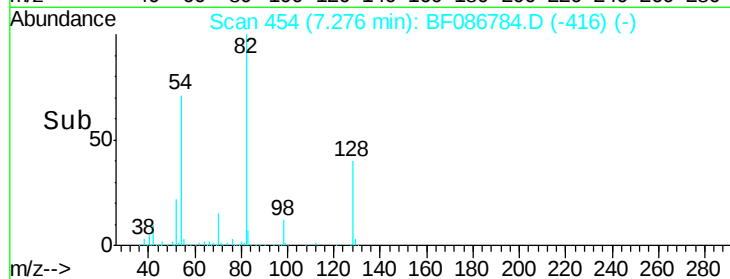
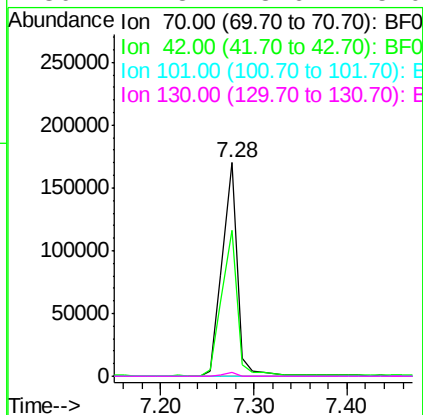
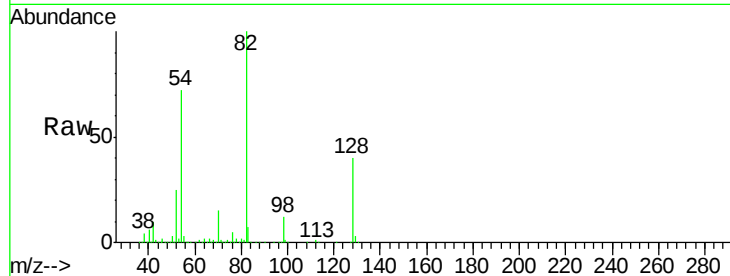




#19
n-Nitroso-di-n-propylamine
Concen: 20.69 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086784.D
Acq: 7 May 2016 20:04

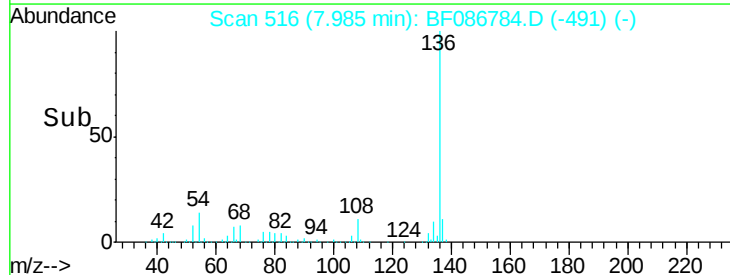
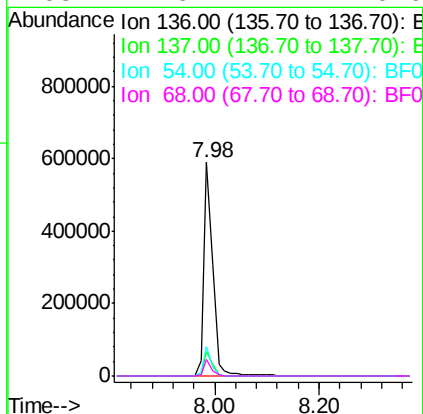
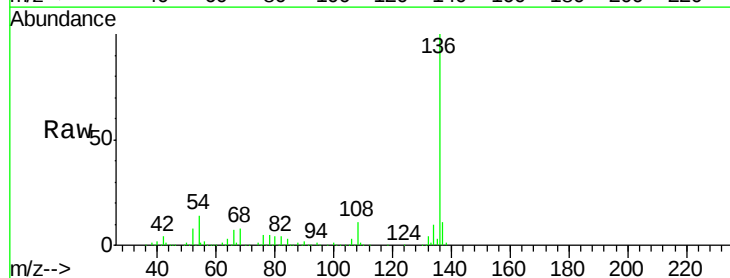
Instrument :
BNA_F
ClientSampleId :
URSMW-14

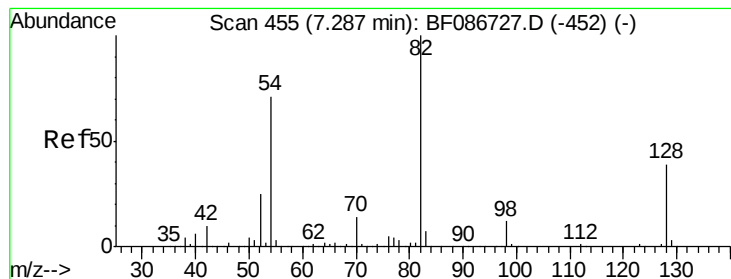
Tgt Ion: 70 Resp: 195138
Ion Ratio Lower Upper
70 100
42 68.2 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086784.D
Acq: 7 May 2016 20:04

Tgt Ion: 136 Resp: 706823
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 14.0 5.0 7.4#
68 7.6 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 99.18 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

URSMW-14

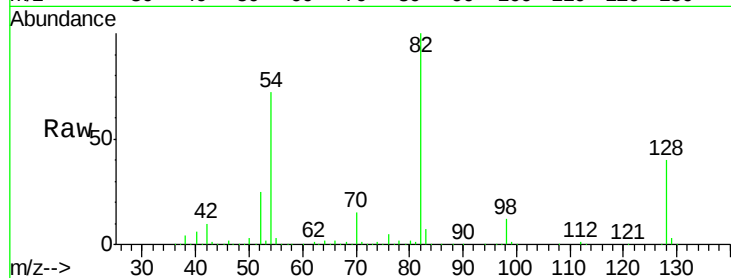
Tgt Ion: 82 Resp: 1364259

Ion Ratio Lower Upper

82 100

128 39.8 40.6 61.0#

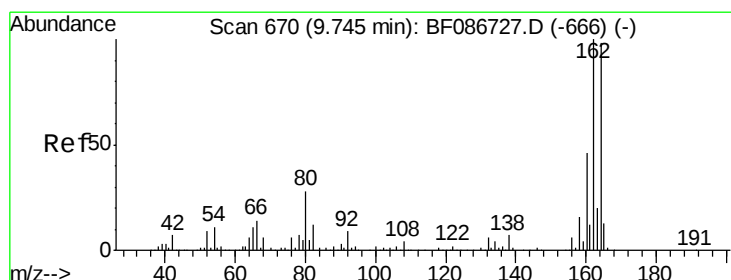
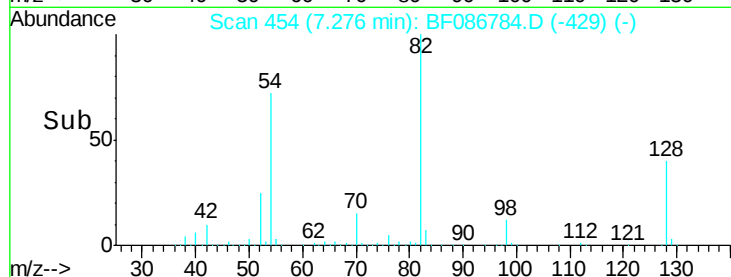
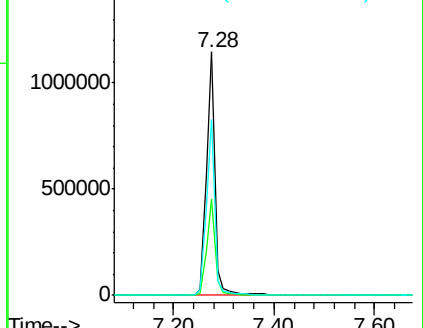
54 72.1 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

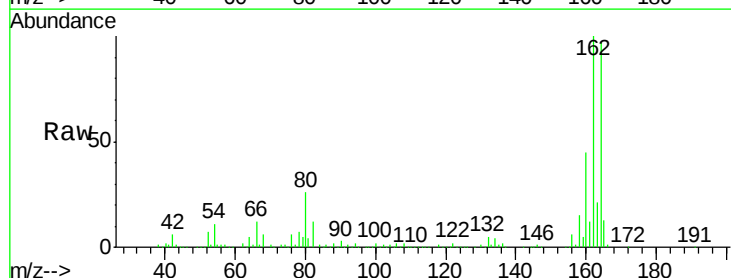
Tgt Ion: 164 Resp: 323994

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

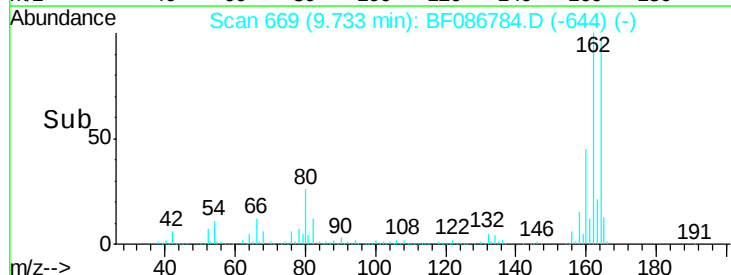
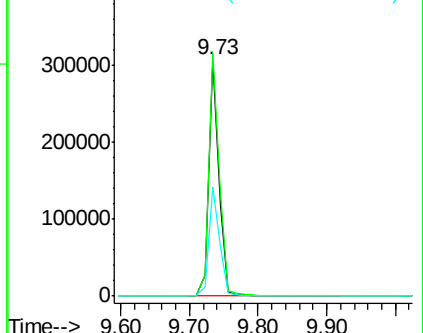
160 46.4 36.9 55.3

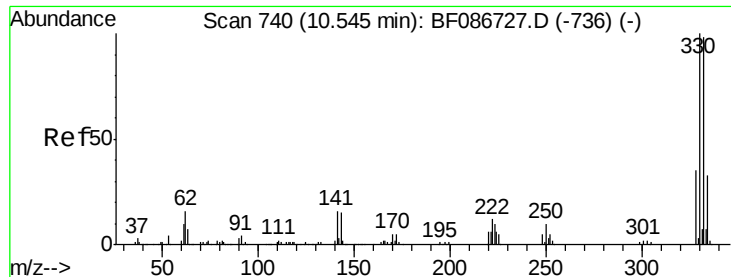


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

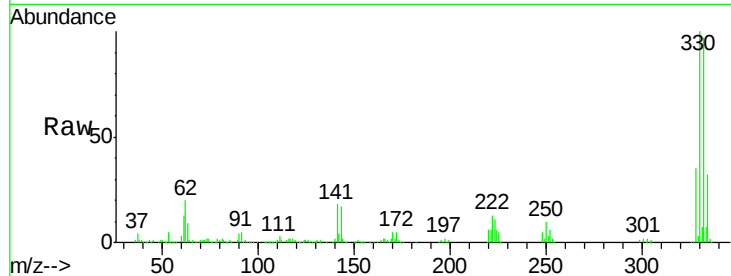




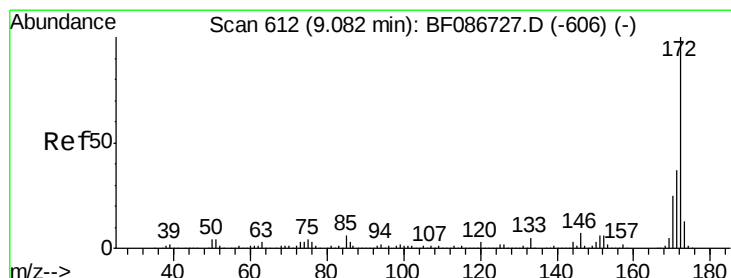
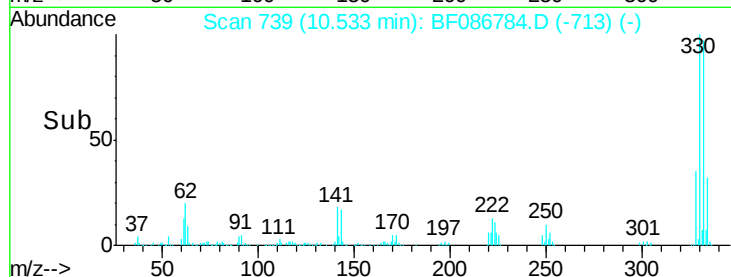
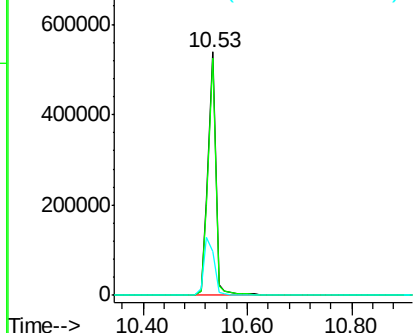
#41
 2,4,6-Tribromophenol
 Concen: 178.87 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086784.D
 Acq: 7 May 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Tgt Ion:330 Resp: 566919
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 31.8 31.2 46.8

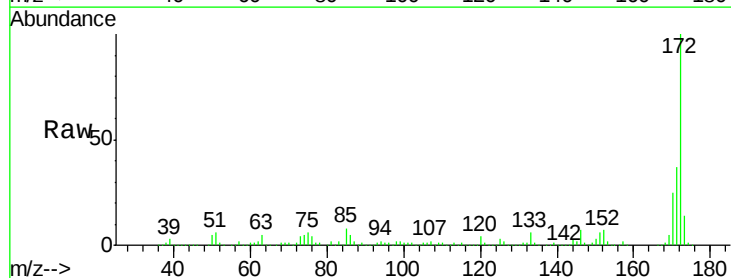


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

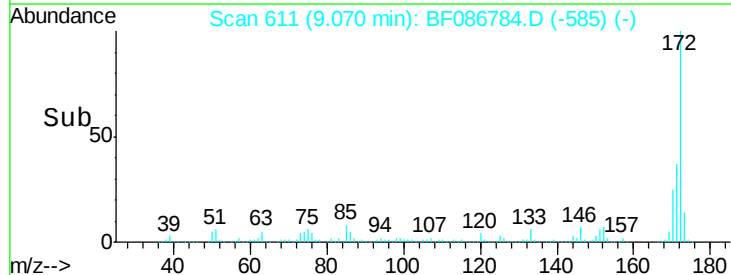
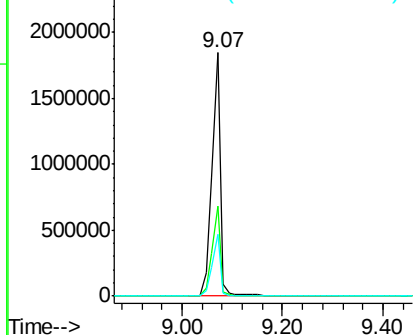


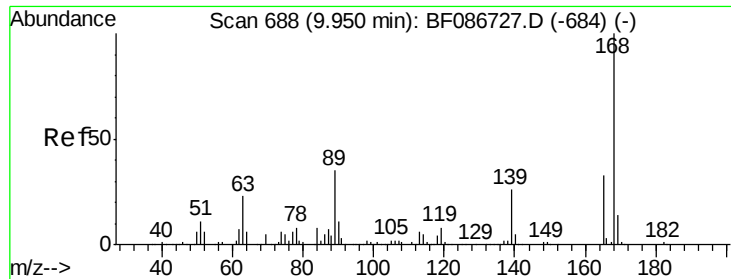
#44
 2-Fluorobiphenyl
 Concen: 109.60 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086784.D
 Acq: 7 May 2016 20:04

Tgt Ion:172 Resp: 2166306
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.2 19.8 29.8



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

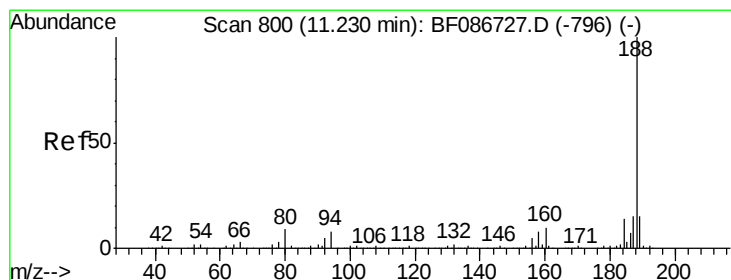
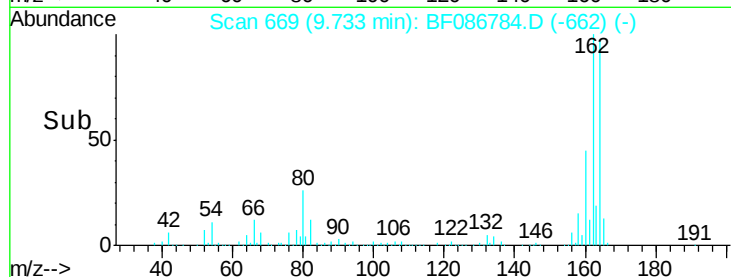
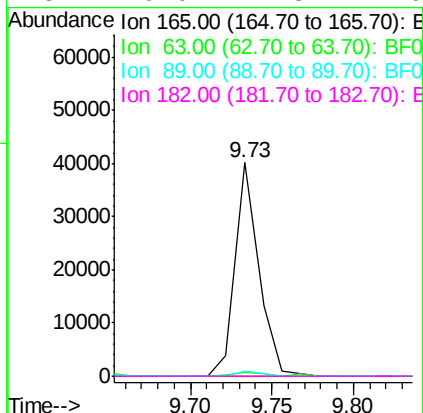
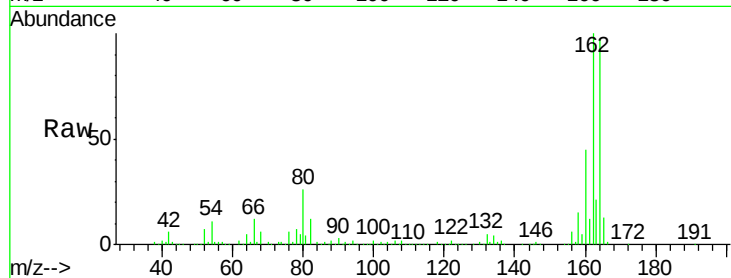




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086784.D
 Acq: 7 May 2016 20:04

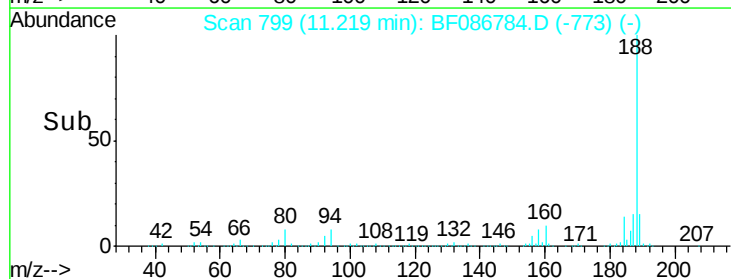
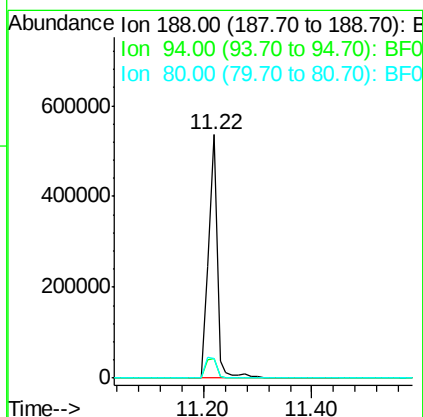
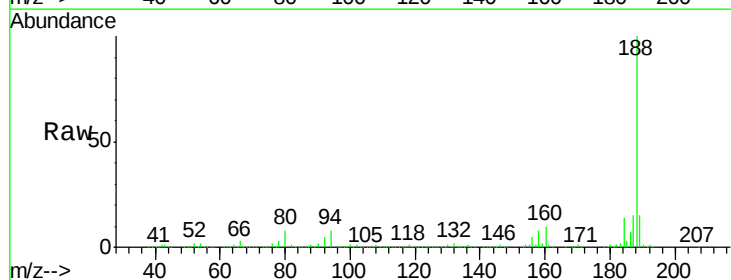
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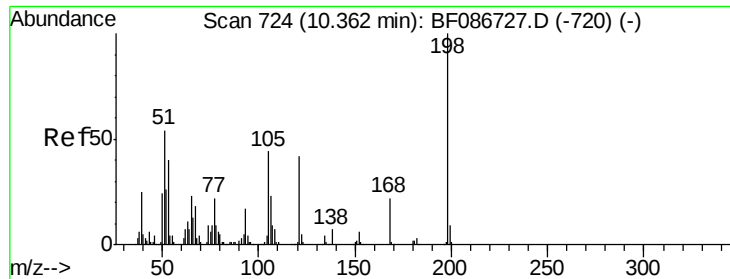
Tgt Ion:	165	Resp:	40288
Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086784.D
 Acq: 7 May 2016 20:04

Tgt Ion:	188	Resp:	600679
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.3	7.1	10.7

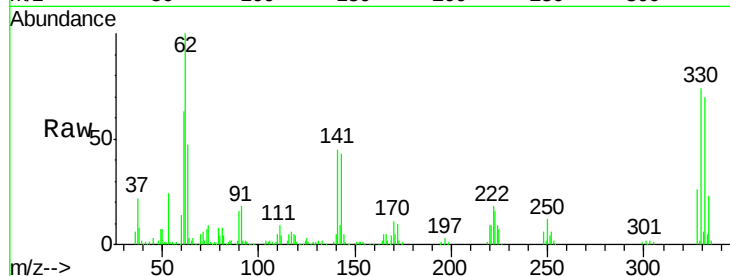




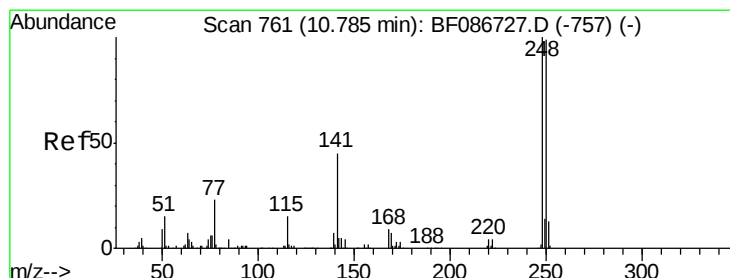
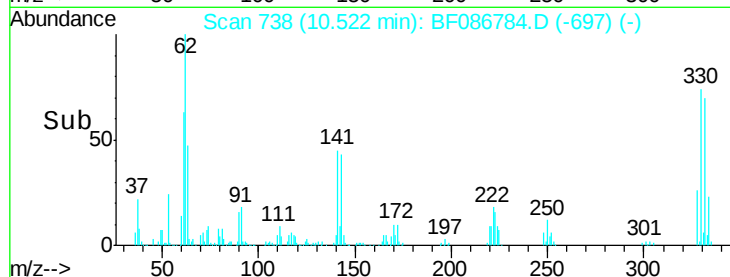
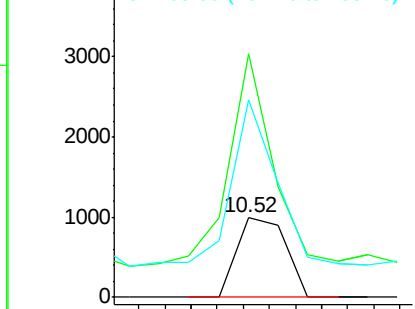
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.70 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.17 min
 Lab File: BF086784.D
 Acq: 7 May 2016 20:04

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Tgt Ion:198 Resp: 1300
 Ion Ratio Lower Upper
 198 100
 51 306.5 20.5 60.5#
 105 248.4 24.5 64.5#

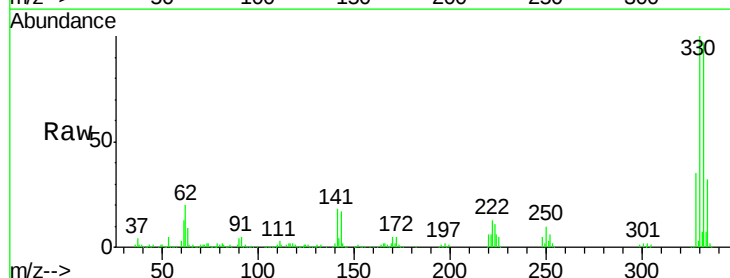


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

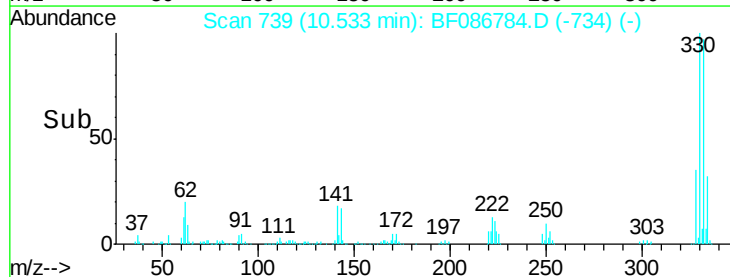
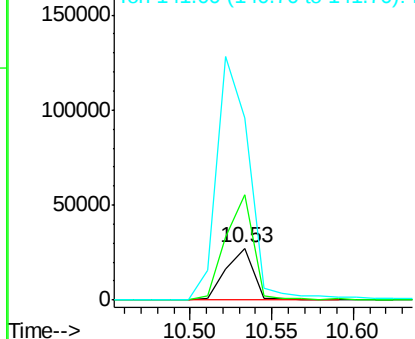


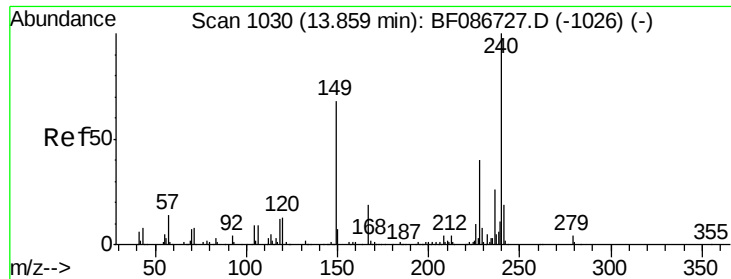
#66
 4-Bromophenyl-phenylether
 Concen: 5.37 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF086784.D
 Acq: 7 May 2016 20:04

Tgt Ion:248 Resp: 32035
 Ion Ratio Lower Upper
 248 100
 250 203.3 78.6 117.8#
 141 352.5 76.0 114.0#



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

Instrument :

BNA_F

ClientSampleId :

URSMW-14

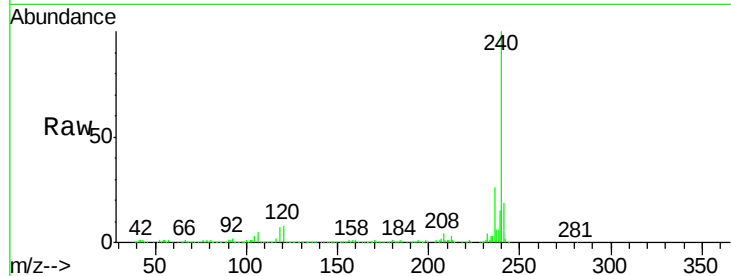
Tgt Ion:240 Resp: 397740

Ion Ratio Lower Upper

240 100

120 8.0 11.2 16.8#

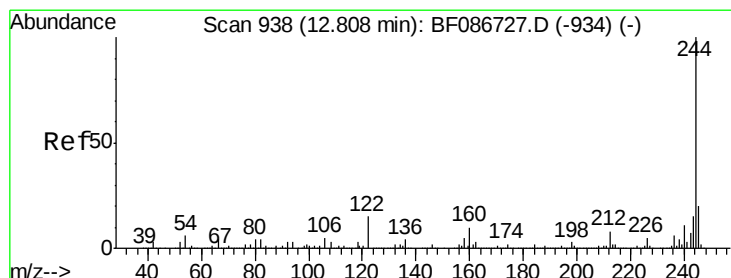
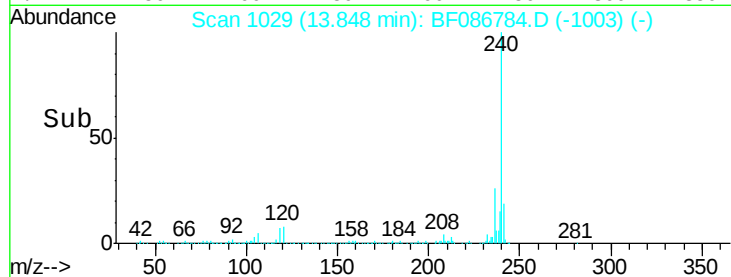
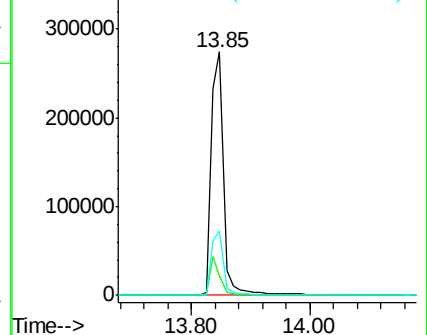
236 26.3 21.2 31.8



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: 84.88 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086784.D

Acq: 7 May 2016 20:04

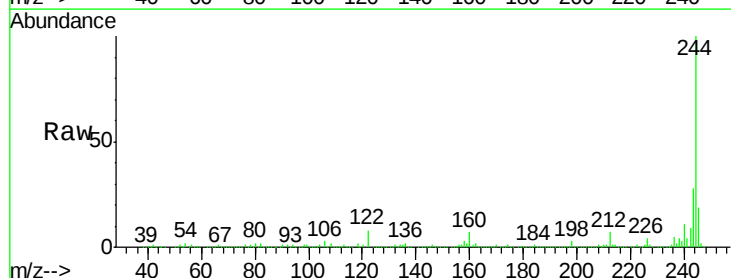
Tgt Ion:244 Resp: 1670453

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

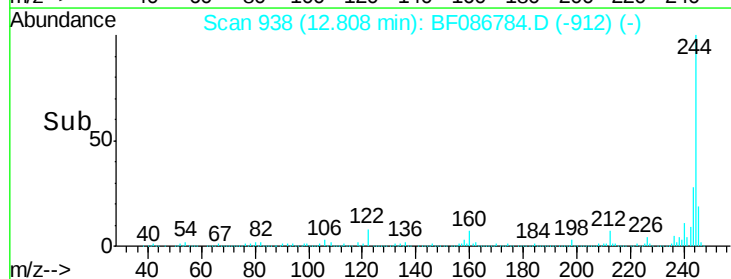
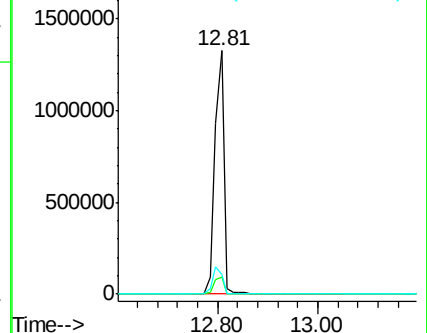
122 8.1 12.0 18.0#

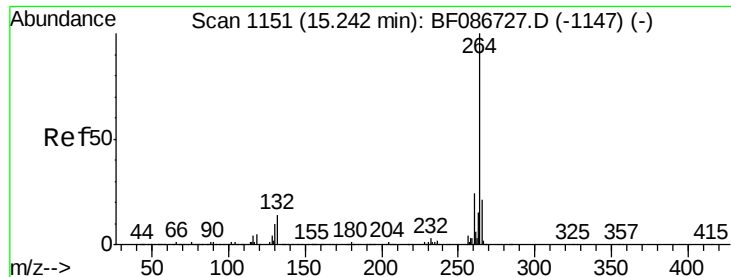


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF086784.D
Acq: 7 May 2016 20:04

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.3	25.9

