

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086783.D
 Acq On : 7 May 2016 19:35
 Operator : UM/SJ
 Sample : H2878-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Quant Time: May 08 00:26:23 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

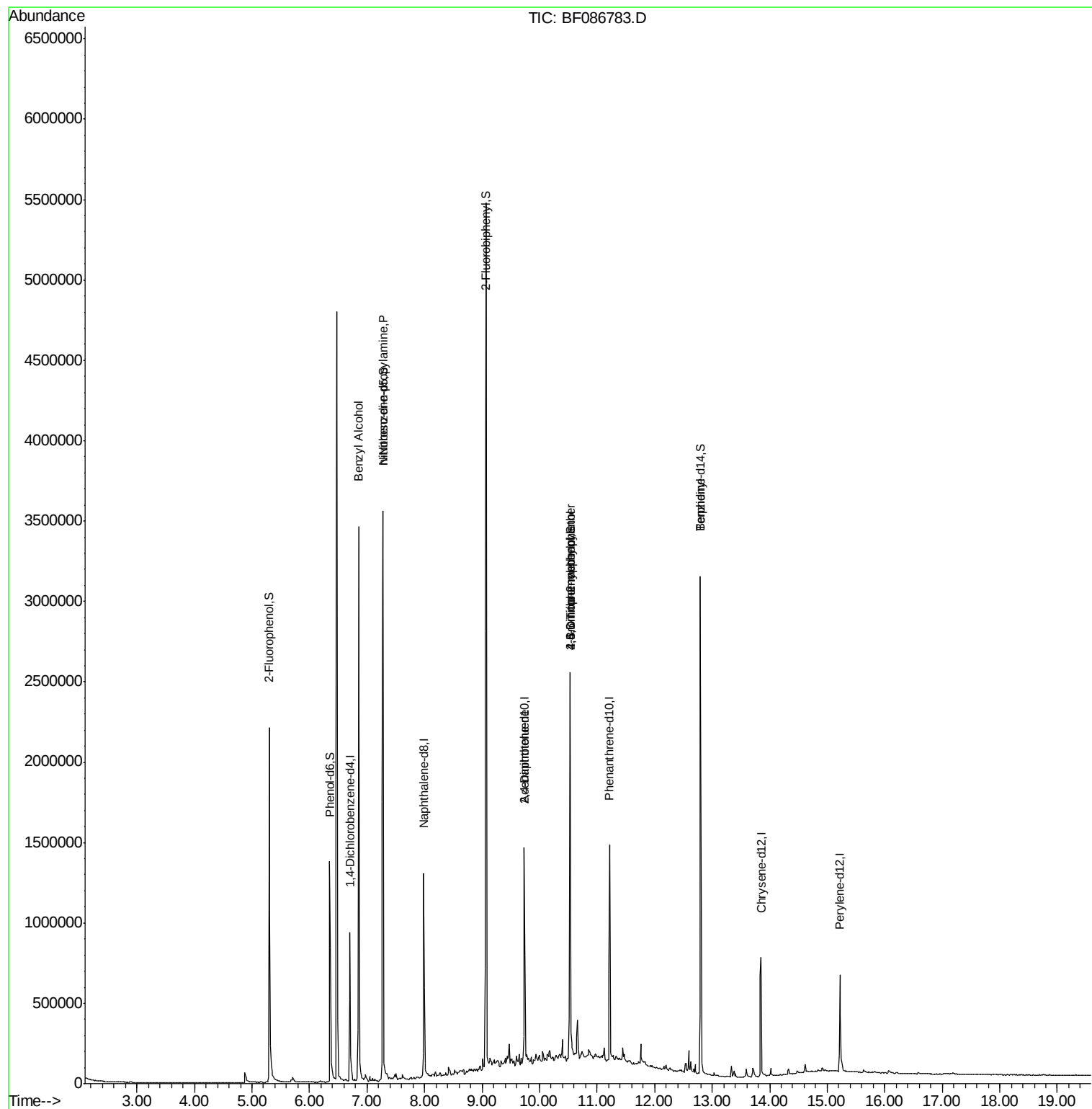
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167102	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	664479	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	310501	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	562418	40.00	ng	0.00
75) Chrysene-d12	13.85	240	376299	40.00	ng	0.00
86) Perylene-d12	15.22	264	298470	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	683131	67.68	ng	0.00
7) Phenol-d6	6.35	99	595390	43.79	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1275356	98.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	466404	153.55	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1961278	103.54	ng	0.00
78) Terphenyl-d14	12.80	244	1109811	59.61	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.85	79	21751	2.47	ng	# 42
19) n-Nitroso-di-n-propylamine	7.28	70	187159	20.15	ng	# 74
56) 2,4-Dinitrotoluene	9.73	165	41318	6.71	ng	# 17
64) 4,6-Dinitro-2-methylphenol	10.53	198	2436	6.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	26591	4.76	ng	# 1
76) Benzidine	12.80	184	17318	8.53	ng	99

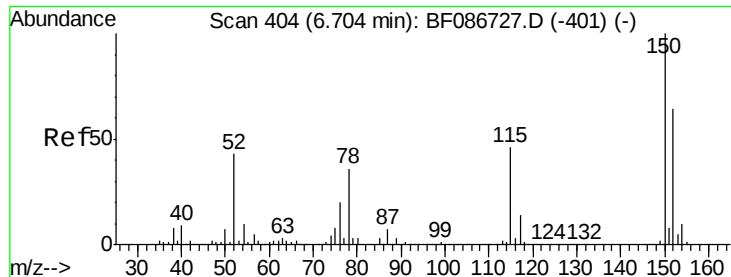
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086783.D

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URSMW-09

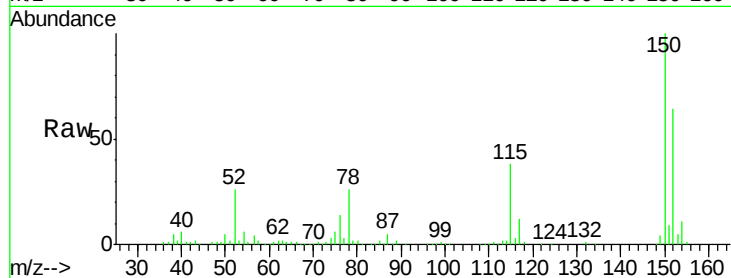
Tgt Ion:152 Resp: 167102

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

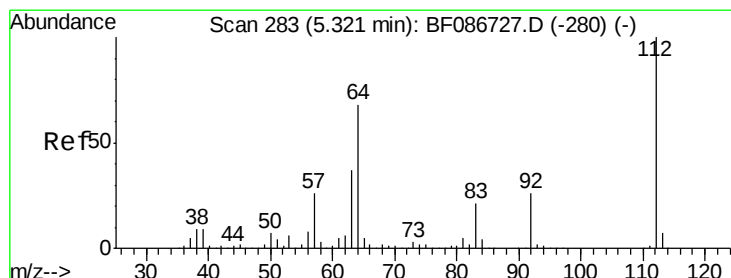
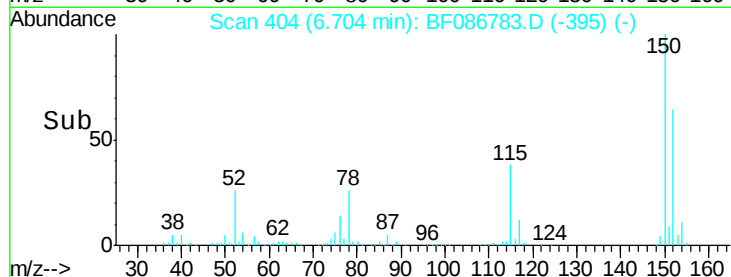
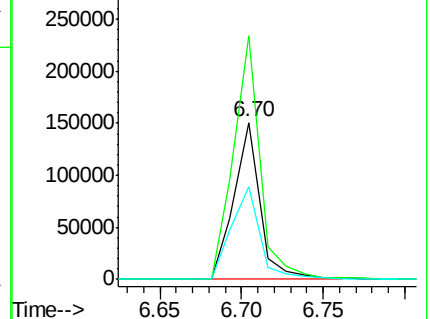
115 58.9 51.5 77.3



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: 67.68 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF086783.D

Acq: 7 May 2016 19:35

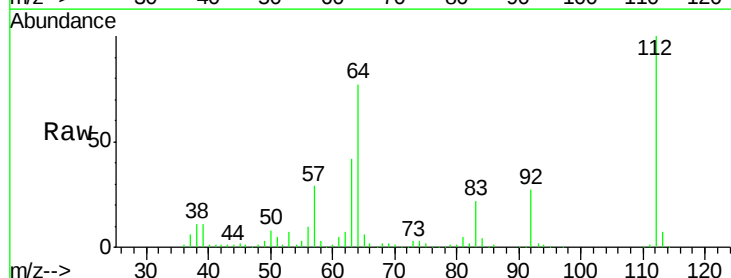
Tgt Ion:112 Resp: 683131

Ion Ratio Lower Upper

112 100

64 77.3 52.1 78.1

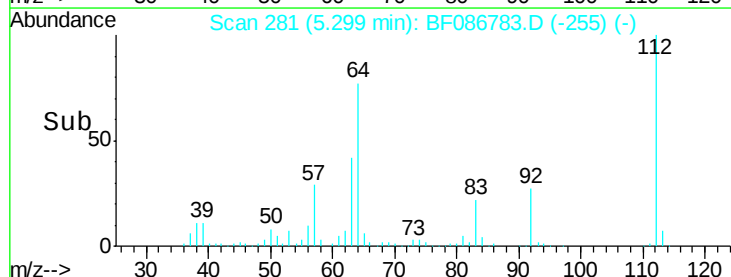
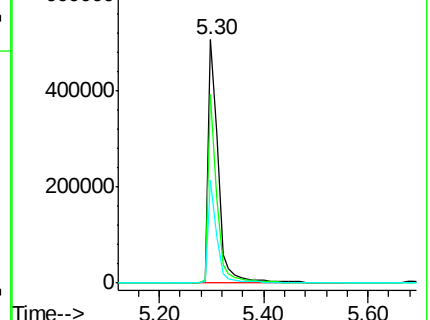
63 42.0 25.7 38.5#

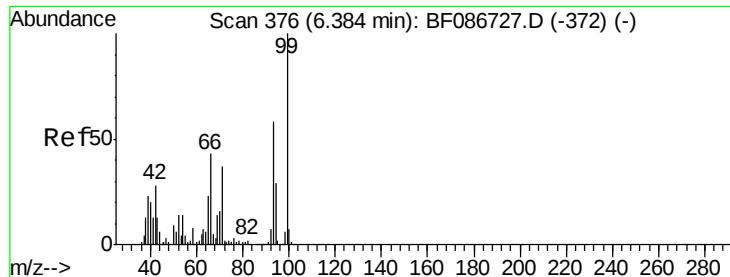


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.79 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF086783.D

Acq: 7 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

URSMW-09

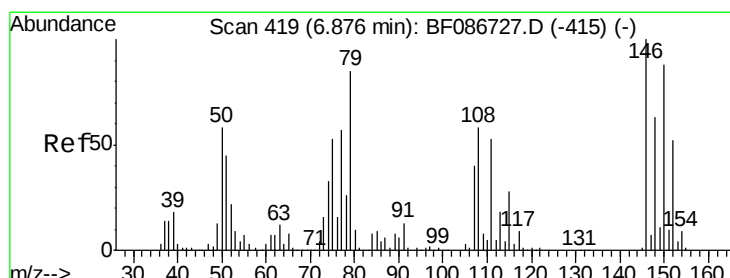
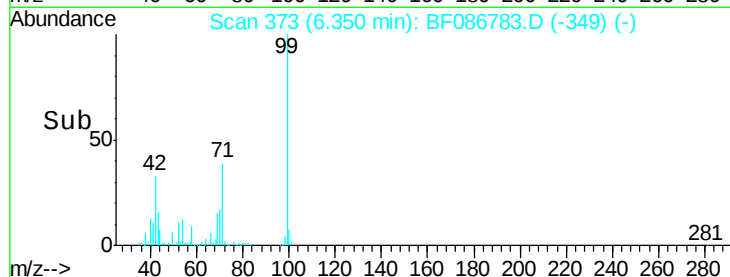
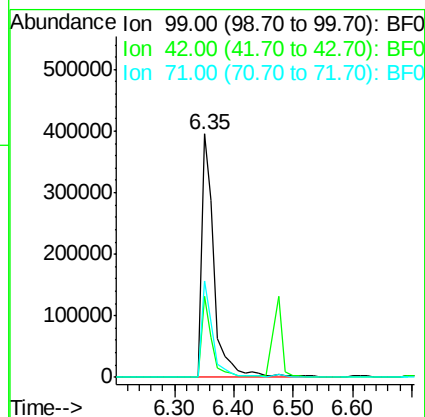
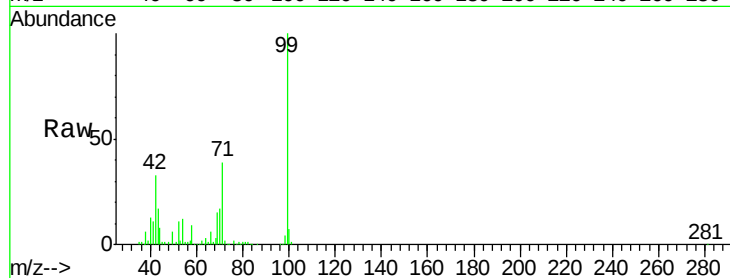
Tgt Ion: 99 Resp: 595390

Ion Ratio Lower Upper

99 100

42 33.3 13.6 20.4#

71 39.4 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086783.D

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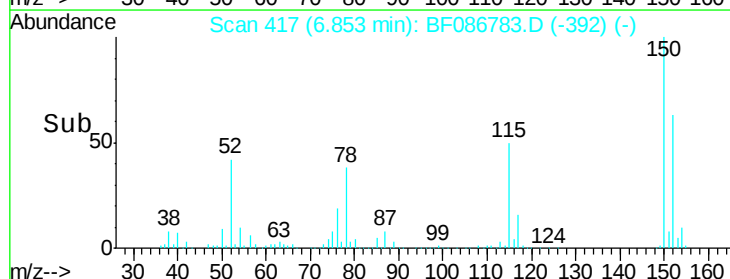
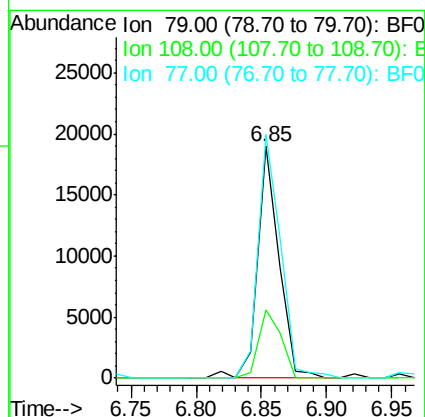
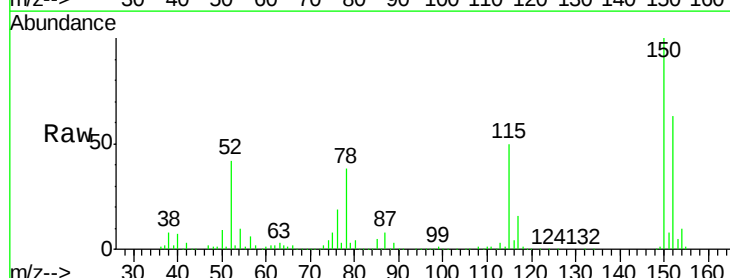
Tgt Ion: 79 Resp: 21751

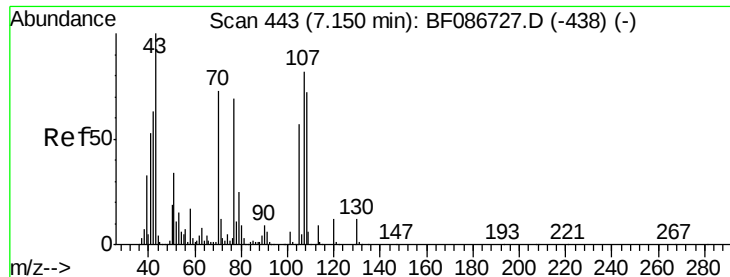
Ion Ratio Lower Upper

79 100

108 29.4 68.4 102.6#

77 105.1 50.6 76.0#

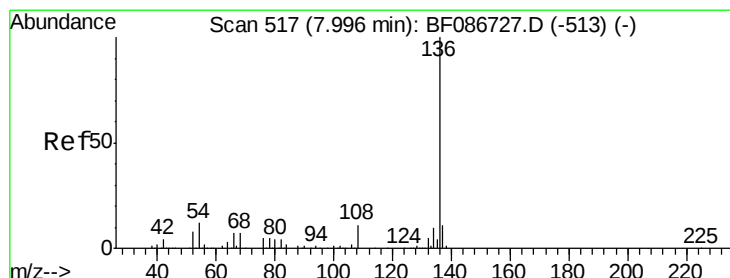
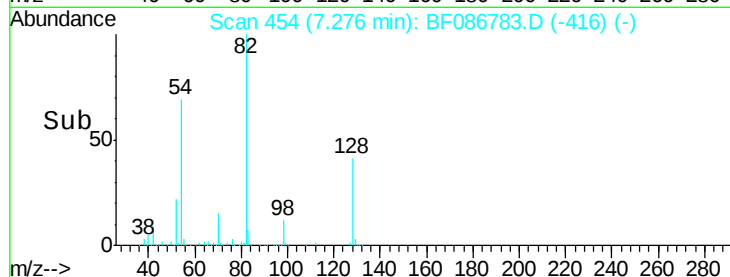
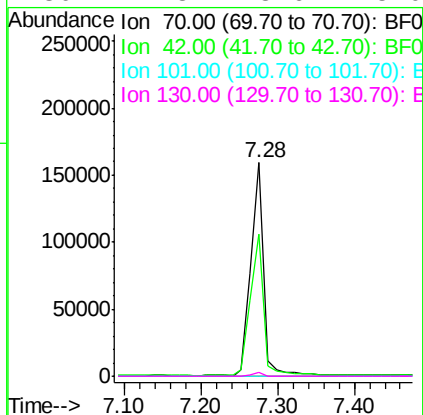
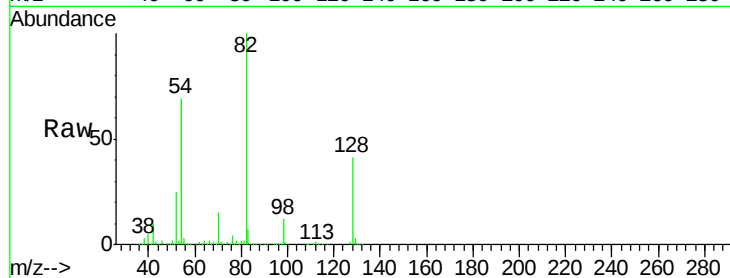




#19
n-Nitroso-di-n-propylamine
Concen: 20.15 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086783.D
Acq: 7 May 2016 19:35

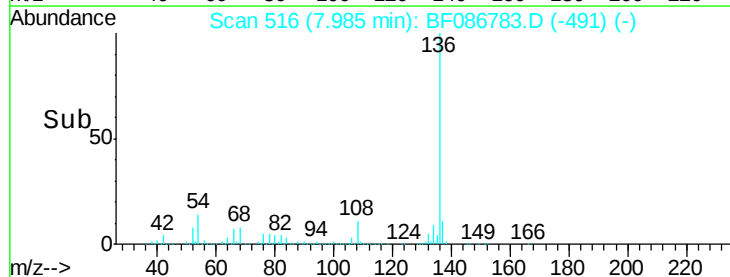
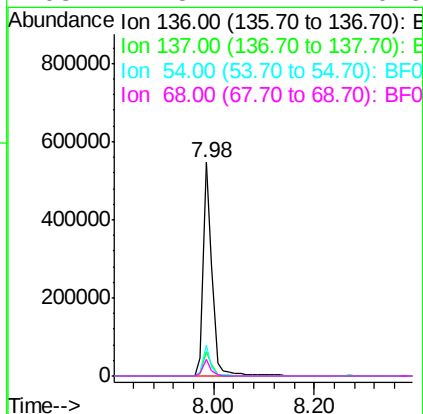
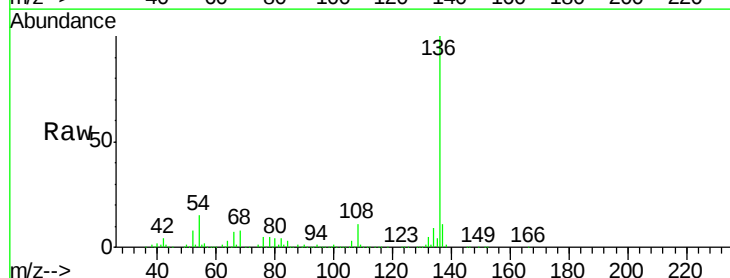
Instrument :
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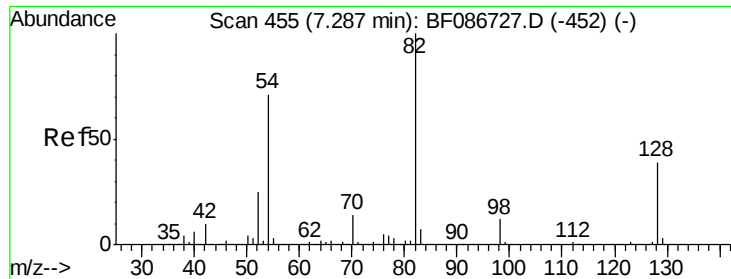
Tgt Ion: 70 Resp: 187159
Ion Ratio Lower Upper
70 100
42 66.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086783.D
Acq: 7 May 2016 19:35

Tgt Ion: 136 Resp: 664479
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 14.6 5.0 7.4#
68 7.8 4.4 6.6#

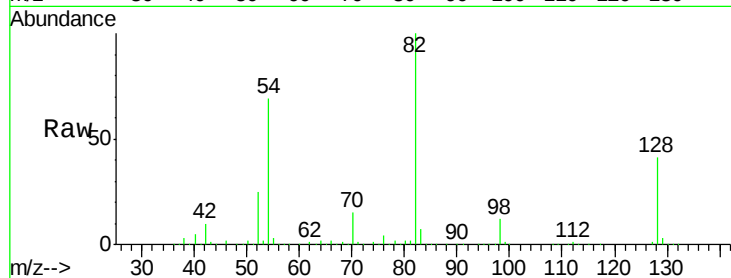




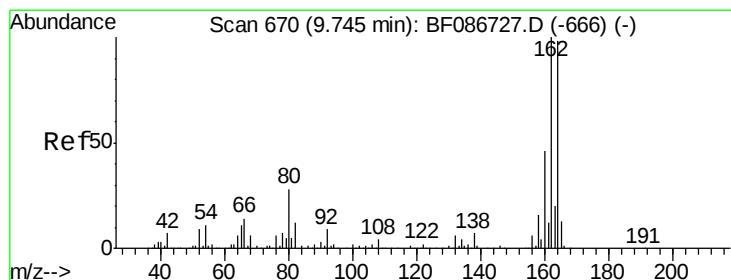
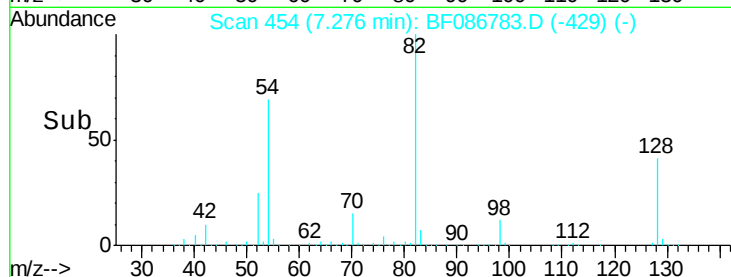
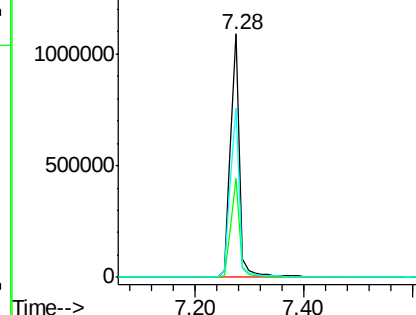
#23
 Nitrobenzene-d5
 Concen: 98.63 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion: 82 Resp: 1275356
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 69.5 38.1 57.1#

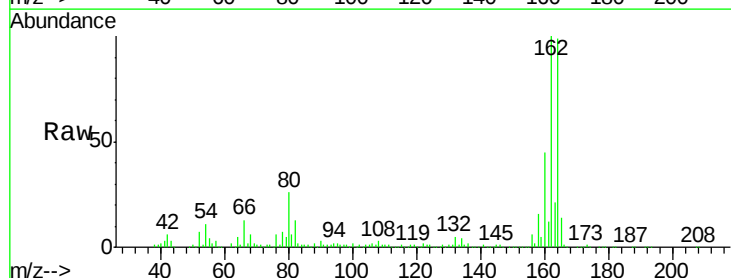


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

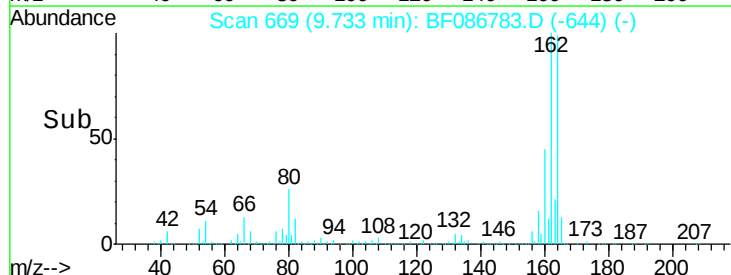
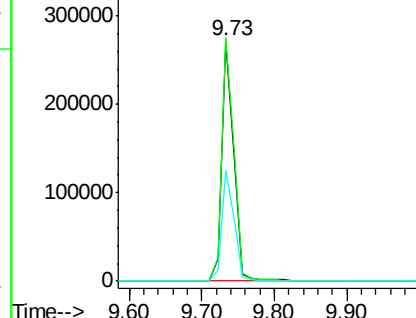


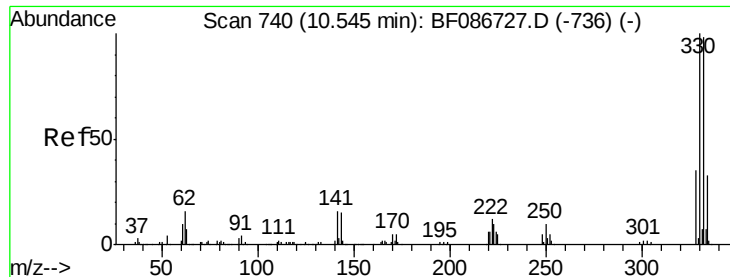
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Tgt Ion: 164 Resp: 310501
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.8 124.2
 160 46.1 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

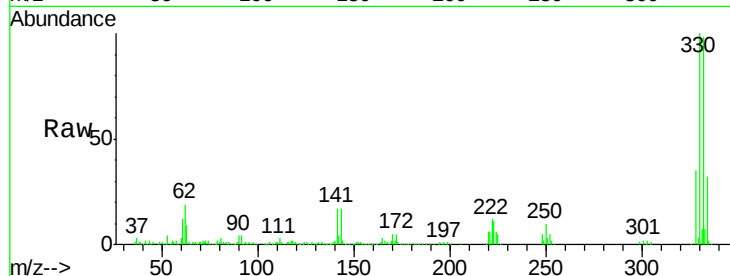




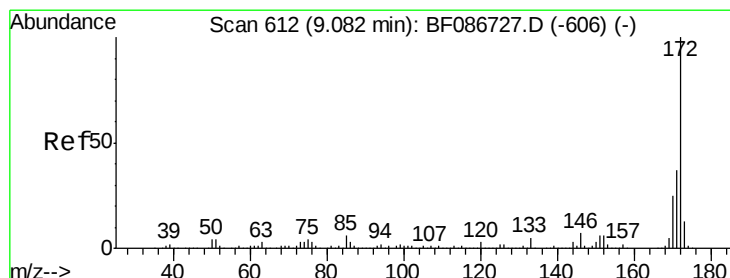
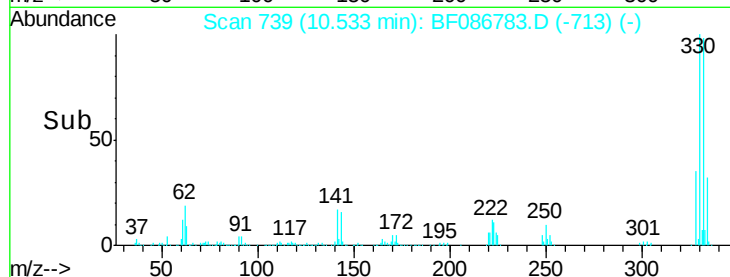
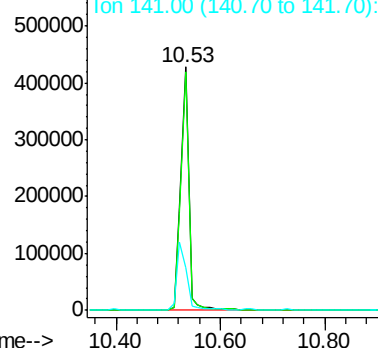
#41
 2,4,6-Tribromophenol
 Concen: 153.55 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Instrument :
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 URSMW-09

Tgt Ion:330 Resp: 466404
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 32.3 31.2 46.8

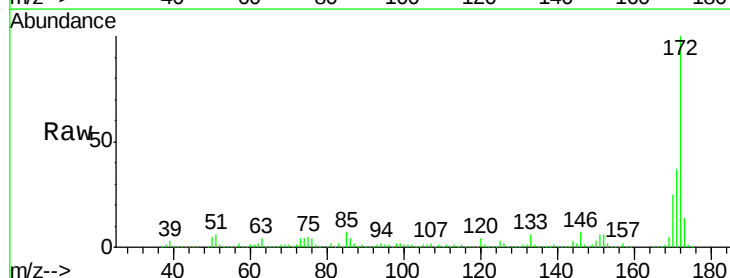


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

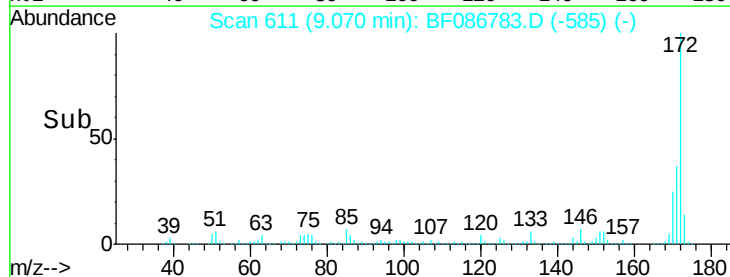
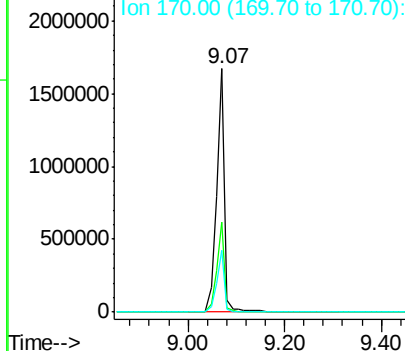


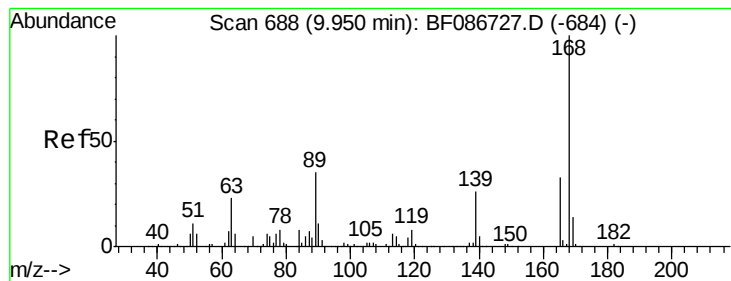
#44
 2-Fluorobiphenyl
 Concen: 103.54 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Tgt Ion:172 Resp: 1961278
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.3 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

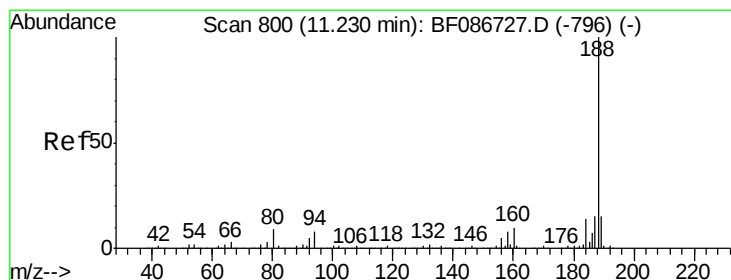
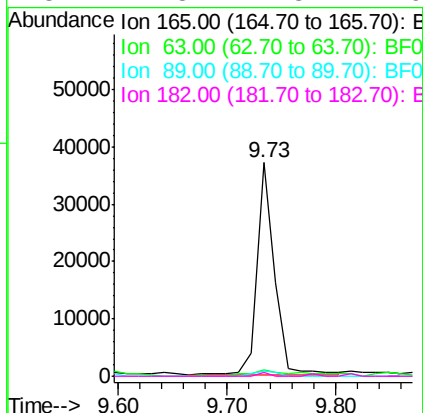
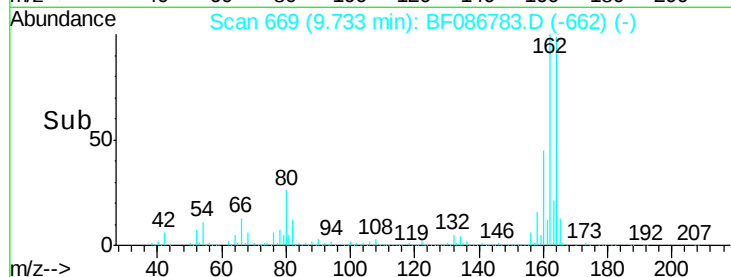
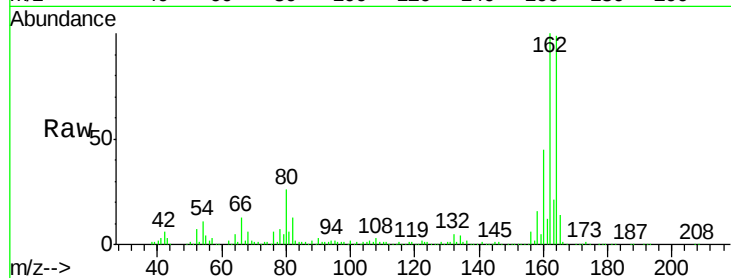




#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

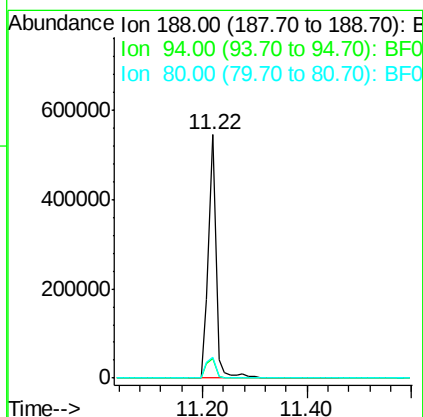
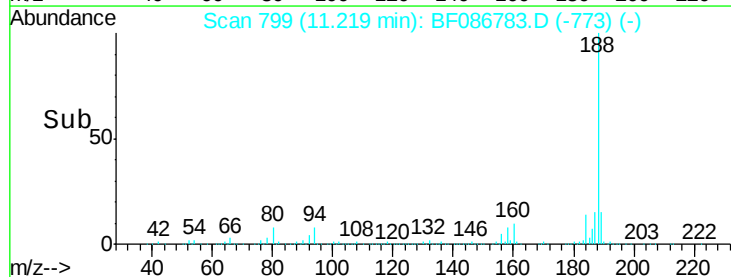
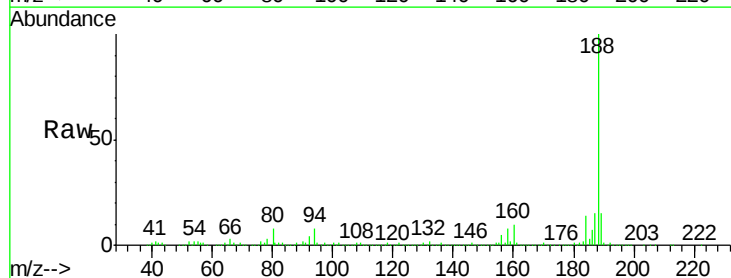
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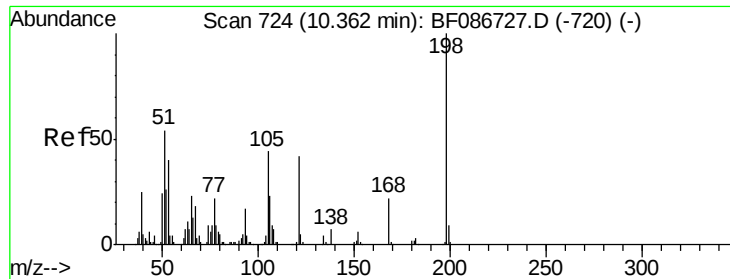
Tgt Ion:165 Resp: 41318
 Ion Ratio Lower Upper
 165 100
 63 3.0 44.3 66.5#
 89 2.4 70.0 105.0#
 182 1.8 1.8 2.6



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Tgt Ion:188 Resp: 562418
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.8 10.2
 80 8.4 7.1 10.7

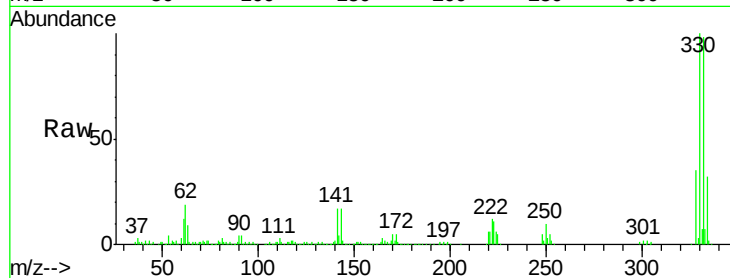




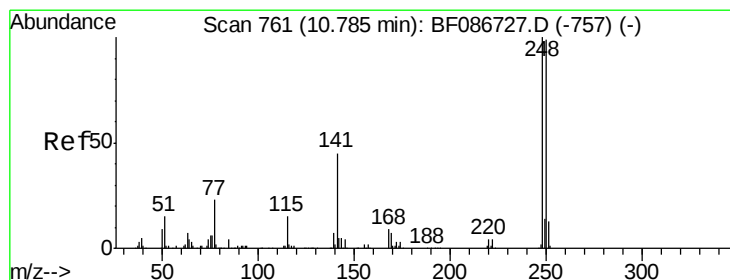
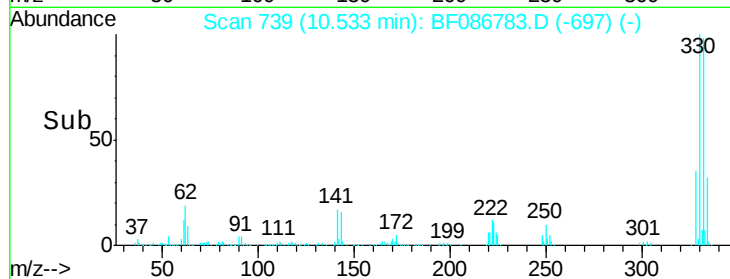
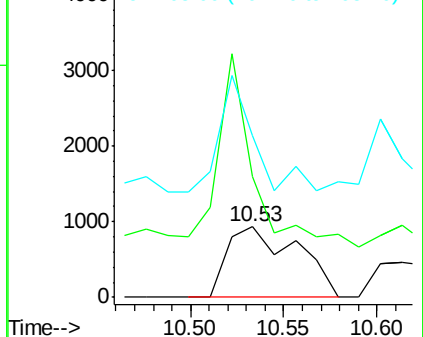
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.18 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.18 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:198 Resp: 2436
 Ion Ratio Lower Upper
 198 100
 51 171.4 20.5 60.5#
 105 228.6 24.5 64.5#

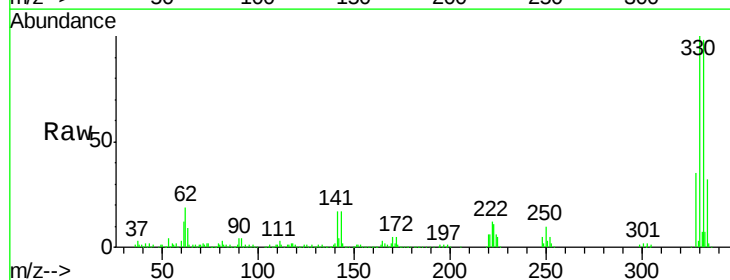


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

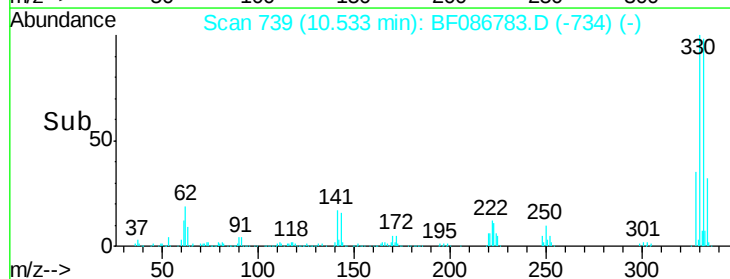
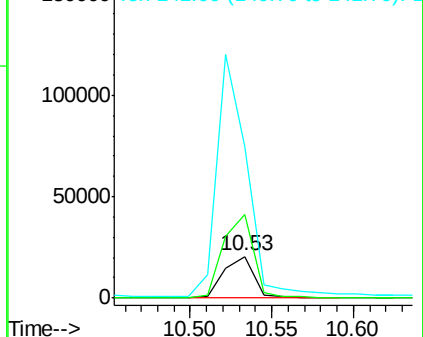


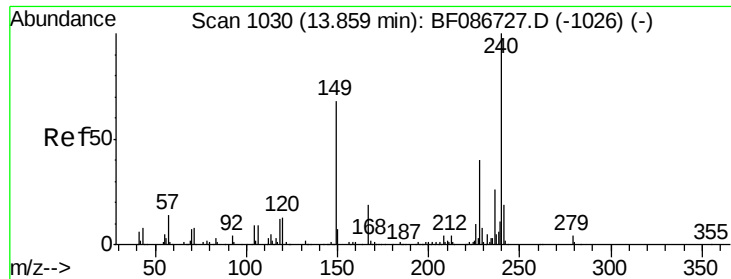
#66
 4-Bromophenyl-phenylether
 Concen: 4.76 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF086783.D
 Acq: 7 May 2016 19:35

Tgt Ion:248 Resp: 26591
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.6 117.8#
 141 361.0 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

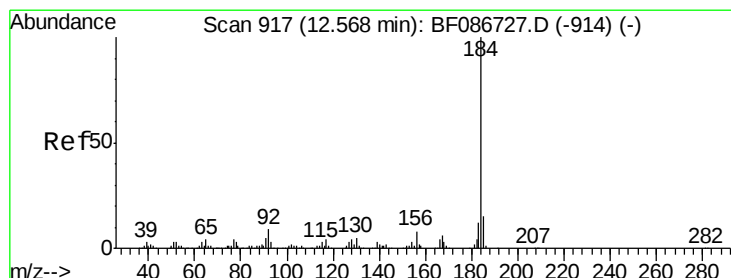
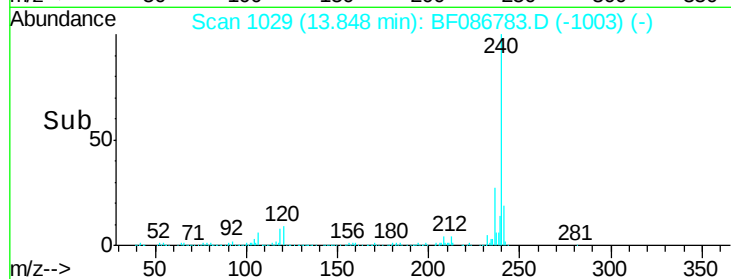
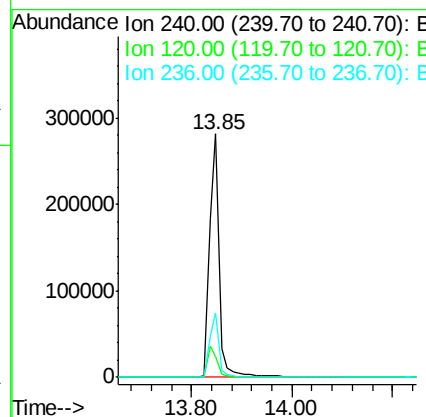
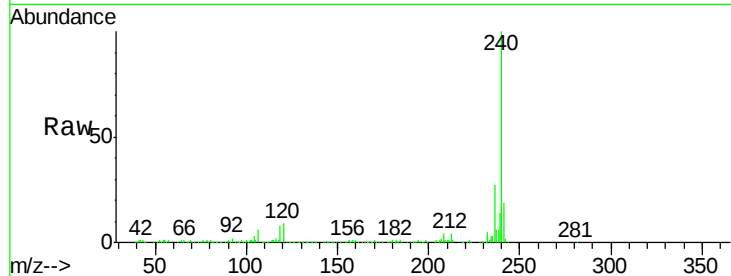




#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086783.D
Acq: 7 May 2016 19:35

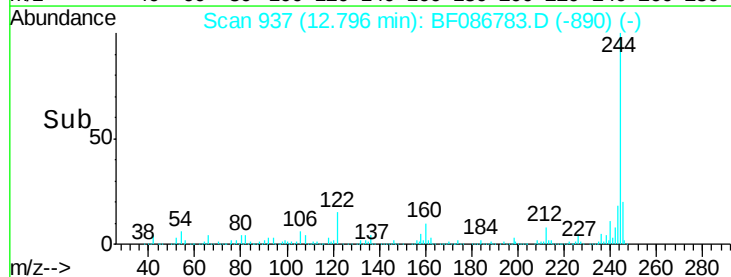
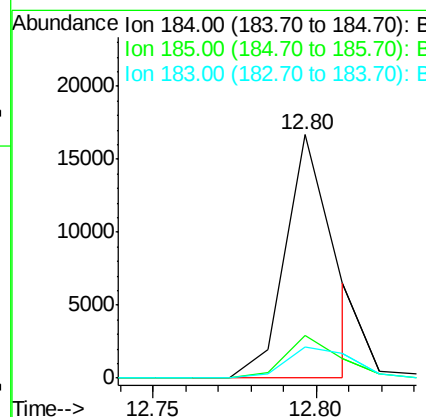
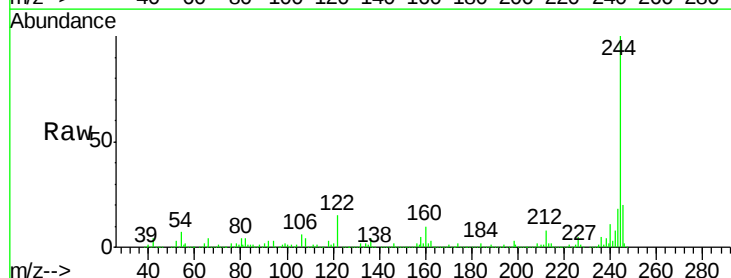
Instrument :
BNA_F
ClientSampleId :
URSMW-09

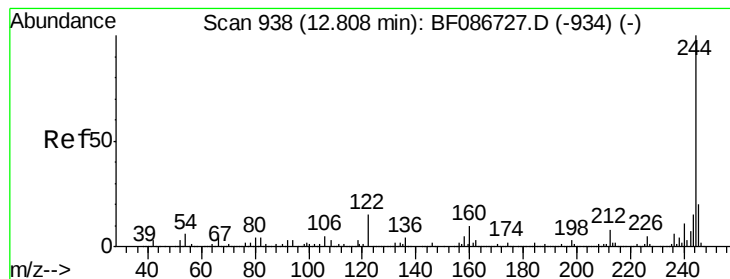
Tgt Ion:240 Resp: 376299
Ion Ratio Lower Upper
240 100
120 8.5 11.2 16.8#
236 26.6 21.2 31.8



#76
Benzidine
Concen: 8.53 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.24 min
Lab File: BF086783.D
Acq: 7 May 2016 19:35

Tgt Ion:184 Resp: 17318
Ion Ratio Lower Upper
184 100
185 17.3 13.6 20.4
183 12.7 9.8 14.6





#78

Terphenyl-d14

Concen: 59.61 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF086783.D

Acq: 7 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

URSMW-09

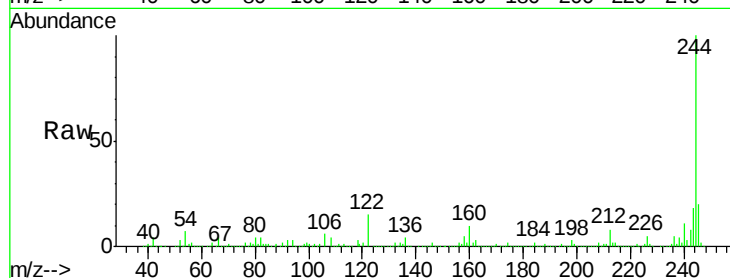
Tgt Ion:244 Resp: 1109811

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

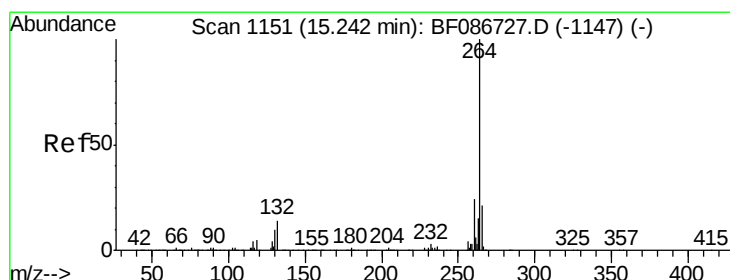
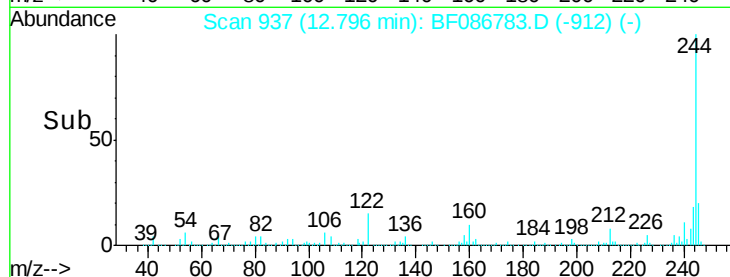
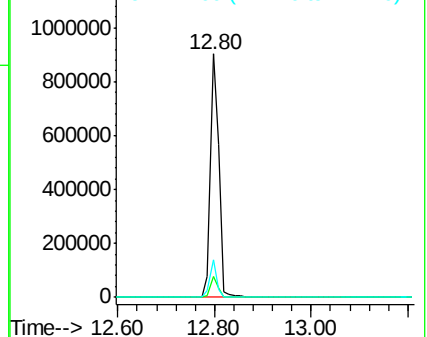
122 15.5 12.0 18.0



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: BF086783.D

Acq: 7 May 2016 19:35

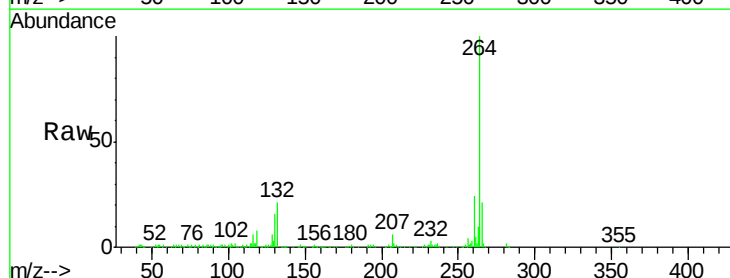
Tgt Ion:264 Resp: 298470

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 17.3 25.9



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

