

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082927.D
 Acq On : 14 Nov 2015 6:42
 Operator : UM/IZ
 Sample : G4383-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-14

Quant Time: Nov 16 00:15:39 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

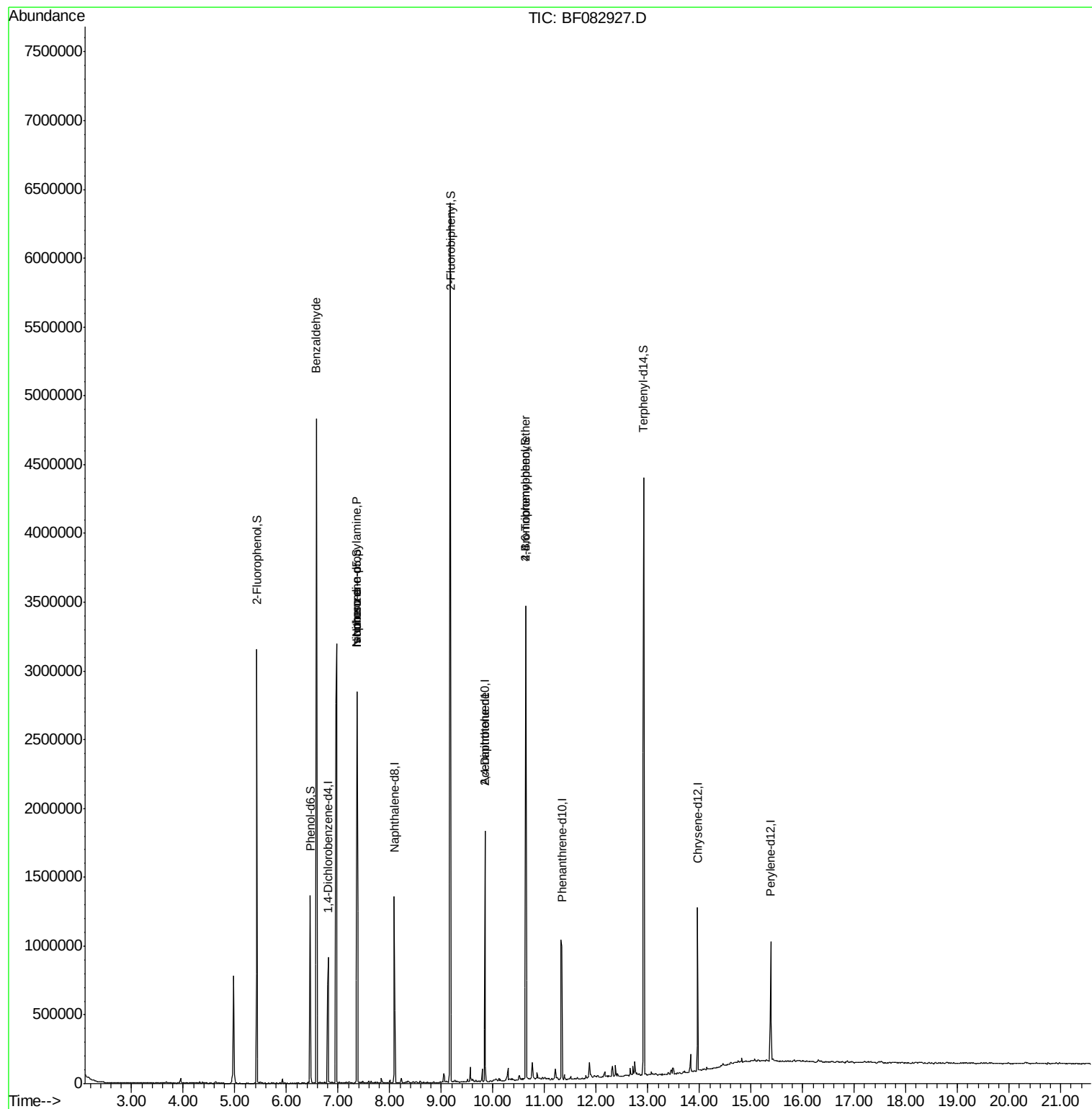
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	188546	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	636208	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	341142	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	554762	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	389954	20.00	ng	-0.06
86) Perylene-d12	15.38	264	388213	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	787896	65.02	ng	-0.02
7) Phenol-d6	6.46	99	689776	42.82	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1183700	80.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	372448	95.22	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1796897	75.49	ng	-0.05
78) Terphenyl-d14	12.92	244	1559047	94.83	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	31089	3.49	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.37	70	157311	13.28	ng	# 70
25) Isophorone	7.37	82	1176011	43.47	ng	# 69
56) 2,4-Dinitrotoluene	9.85	165	44808	5.54	ng	# 15
66) 4-Bromophenyl-phenylether	10.64	248	25739	3.85	ng	# 1

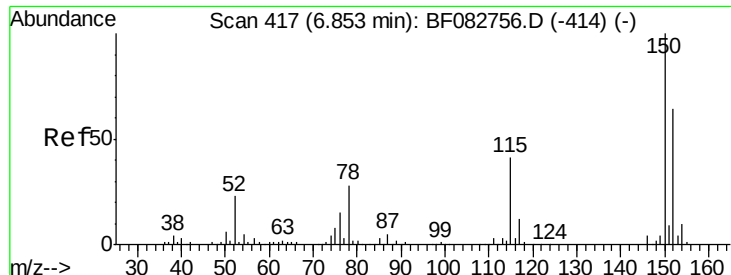
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

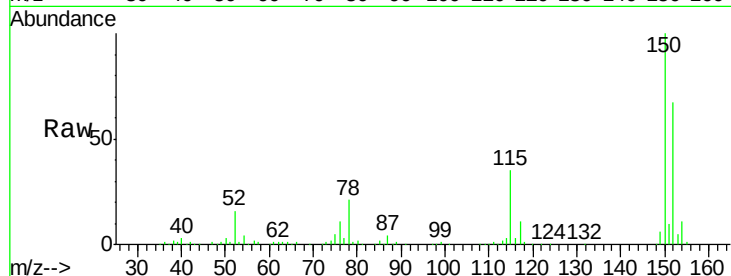
Tgt Ion:152 Resp: 188546

Ion Ratio Lower Upper

152 100

150 149.6 127.0 190.4

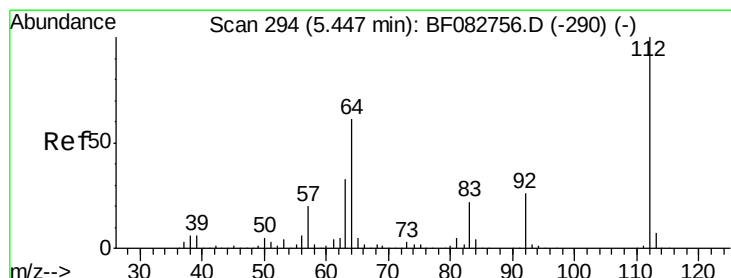
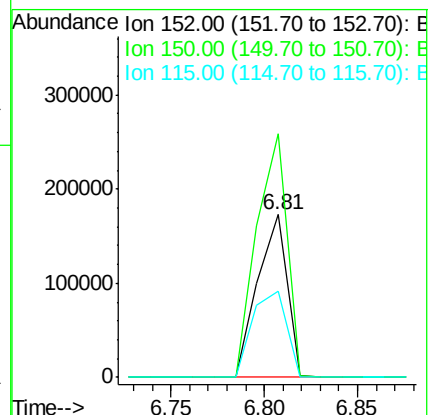
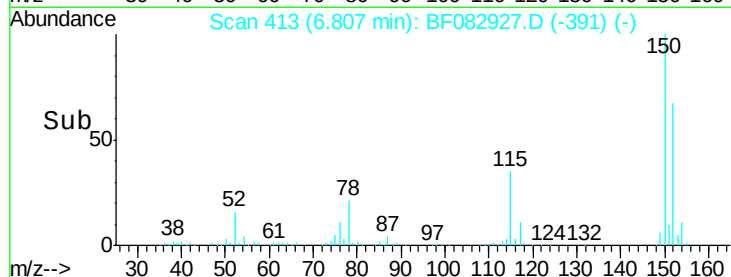
115 52.7 47.0 70.6



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: 65.02 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

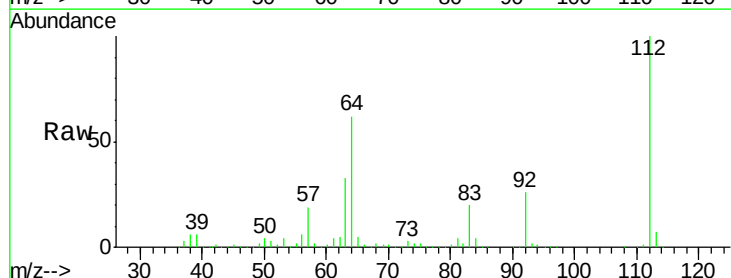
Tgt Ion:112 Resp: 787896

Ion Ratio Lower Upper

112 100

64 62.2 48.9 73.3

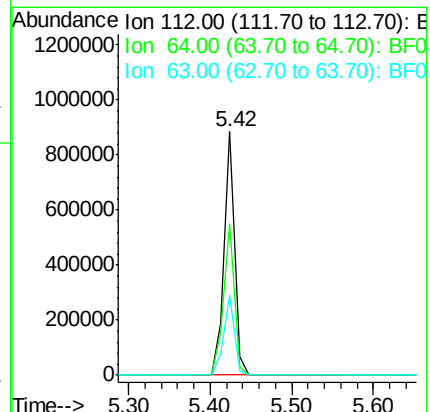
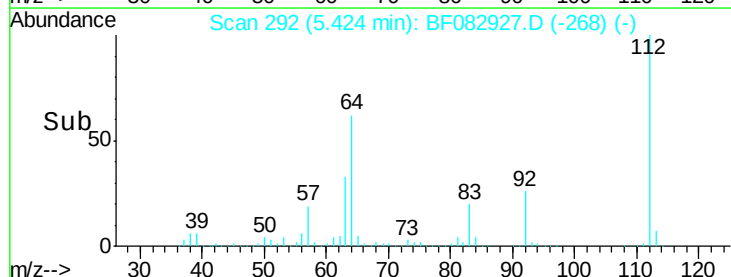
63 32.6 28.1 42.1

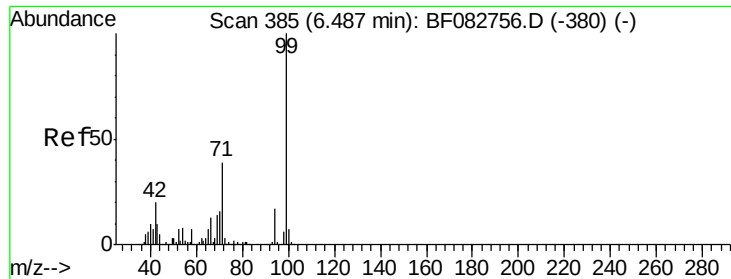


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.82 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

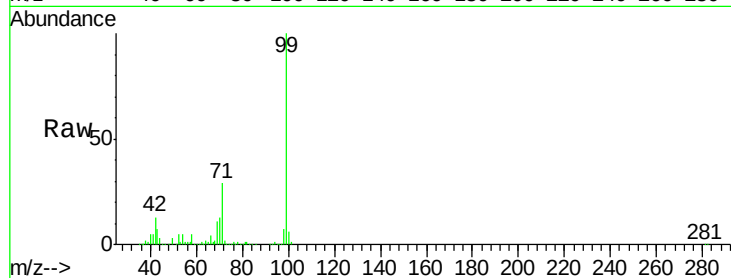
Tgt Ion: 99 Resp: 689776

Ion Ratio Lower Upper

99 100

42 12.8 19.2 28.8#

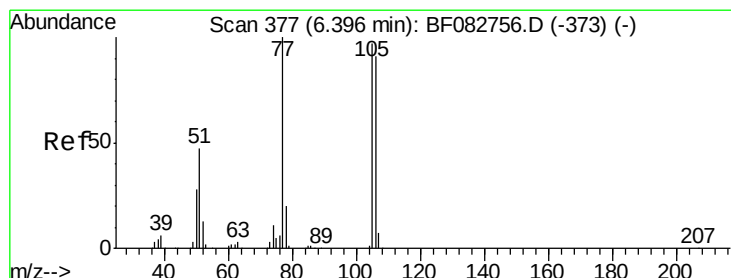
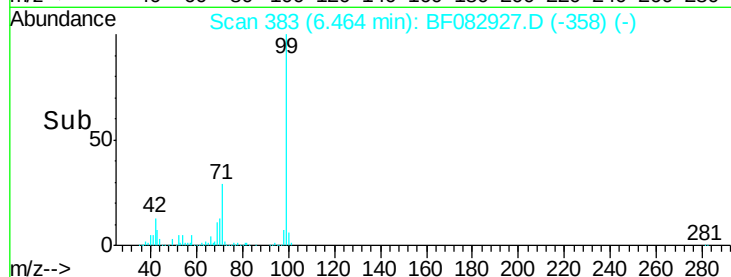
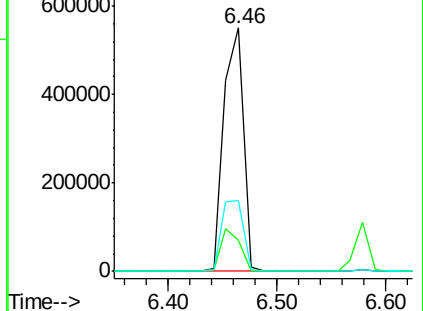
71 29.1 35.0 52.4#



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: 3.49 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

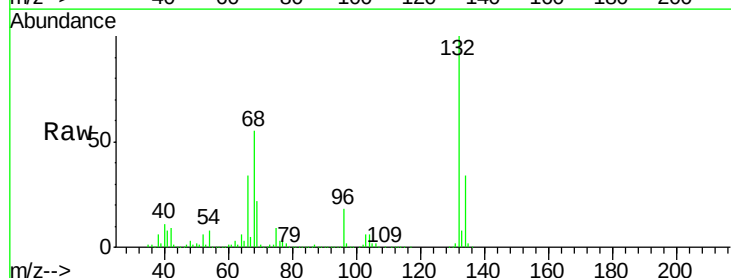
Tgt Ion: 77 Resp: 31089

Ion Ratio Lower Upper

77 100

105 70.7 63.5 103.5

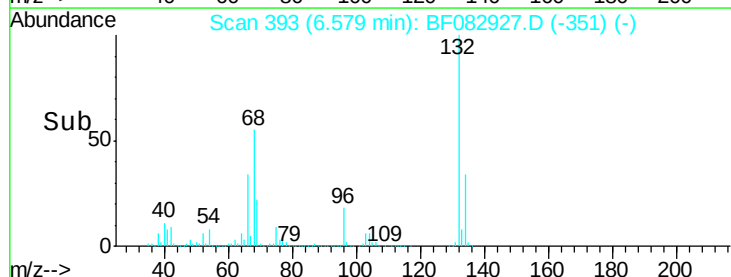
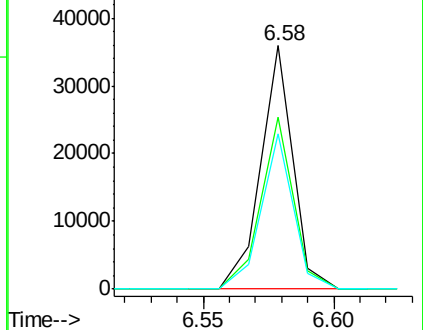
106 63.9 59.3 99.3

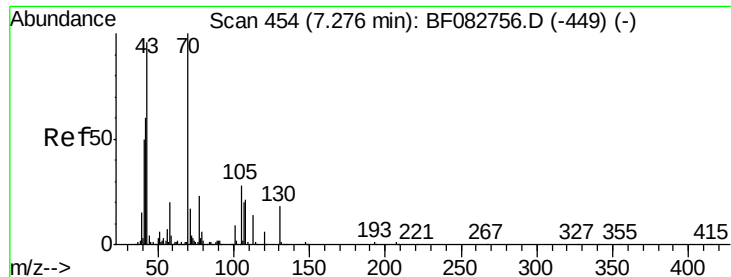


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

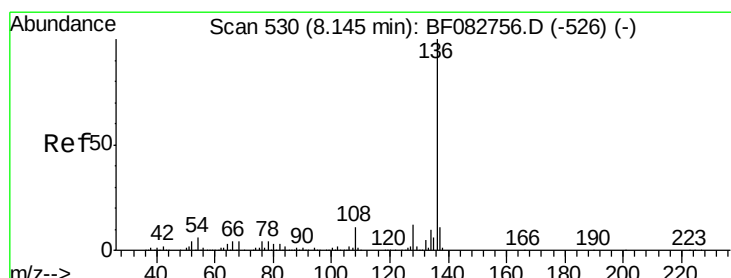
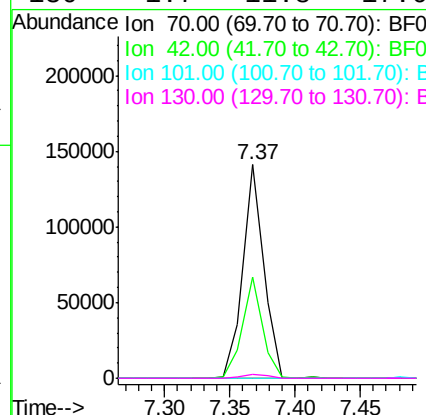
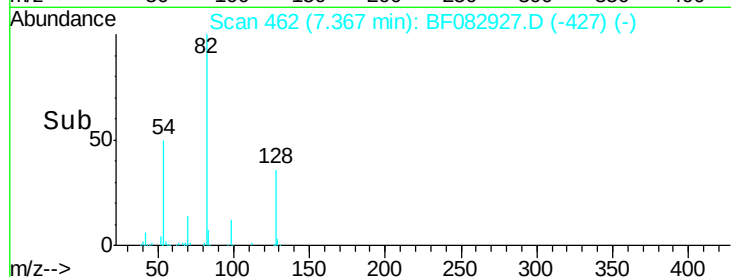
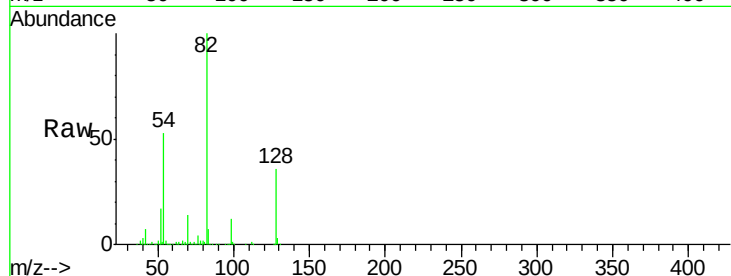




#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

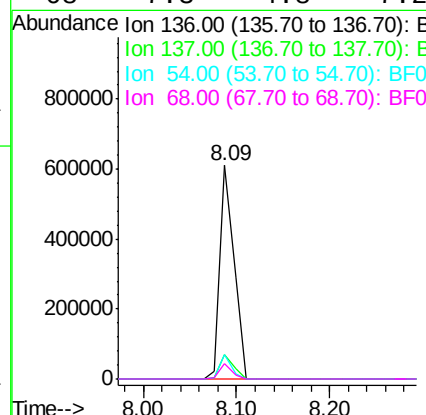
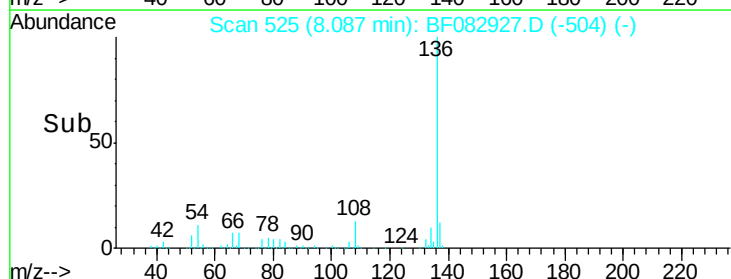
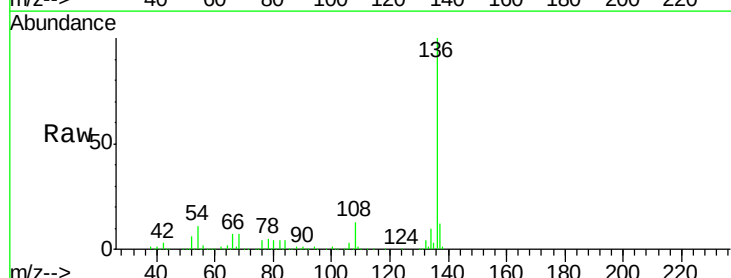
Instrument :
BNA_F
ClientSampleId :
URS-MW-14

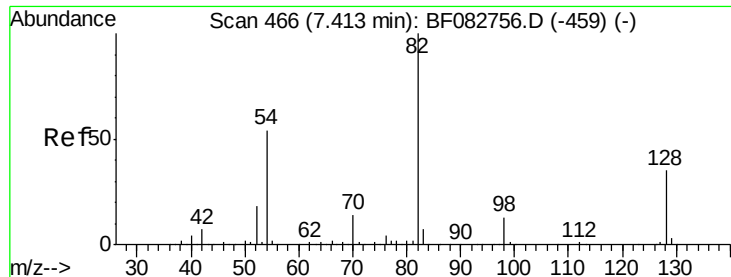
Tgt Ion: 70 Resp: 157311
Ion Ratio Lower Upper
70 100
42 47.3 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion: 136 Resp: 636208
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 11.3 9.1 13.7
68 7.3 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 80.96 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

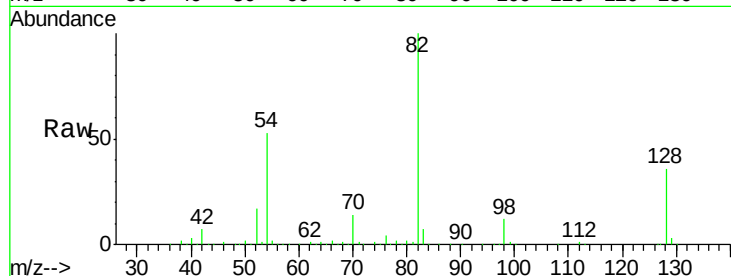
Tgt Ion: 82 Resp: 1183700

Ion Ratio Lower Upper

82 100

128 36.2 26.8 40.2

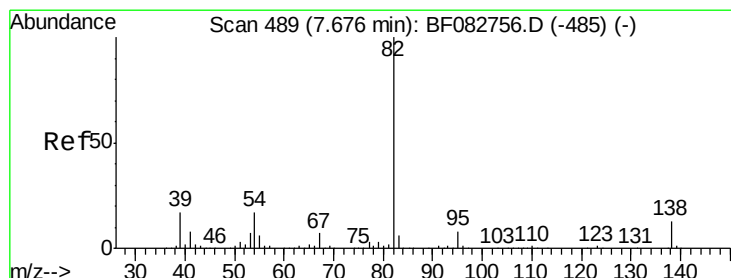
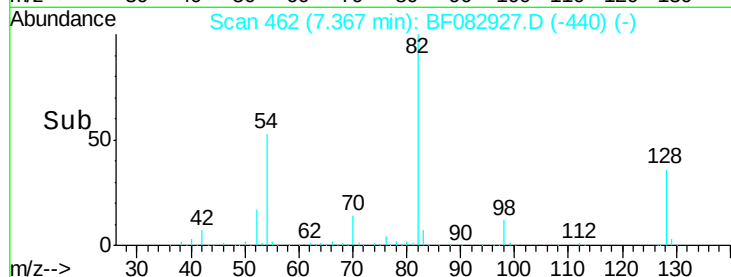
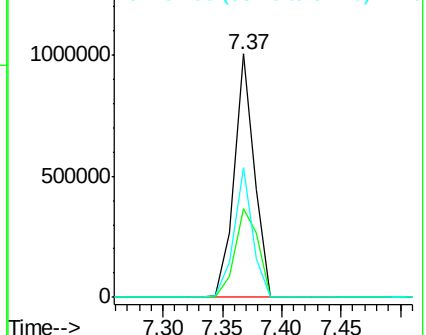
54 53.3 45.7 68.5



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: 43.47 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

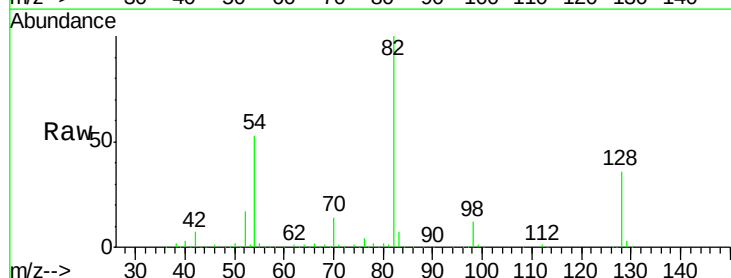
Tgt Ion: 82 Resp: 1176011

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

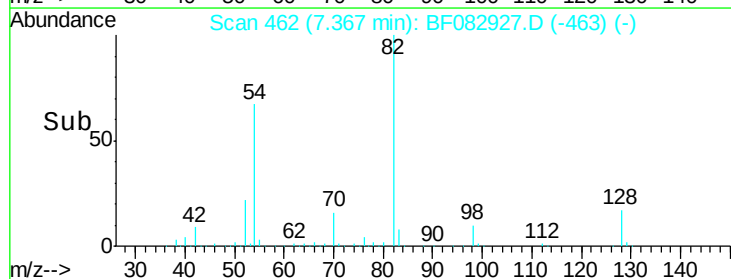
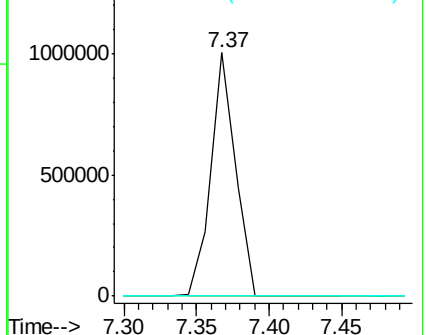
138 0.0 11.4 17.0#

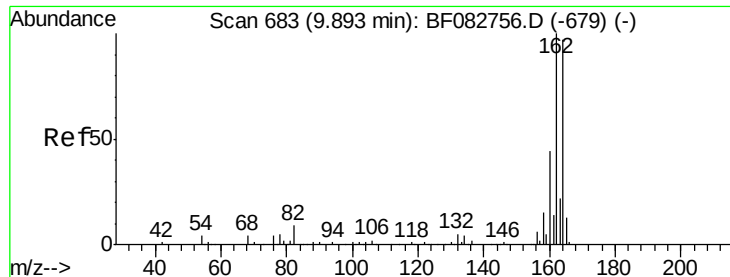


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

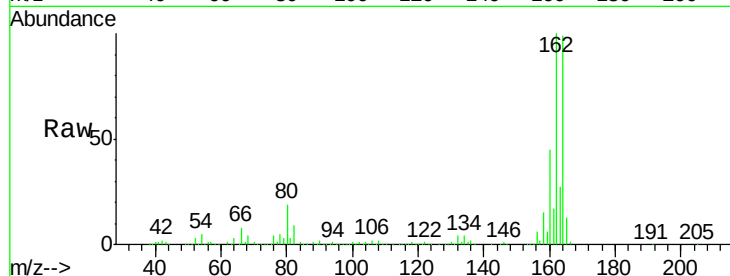
Tgt Ion:164 Resp: 341142

Ion Ratio Lower Upper

164 100

162 101.1 84.9 127.3

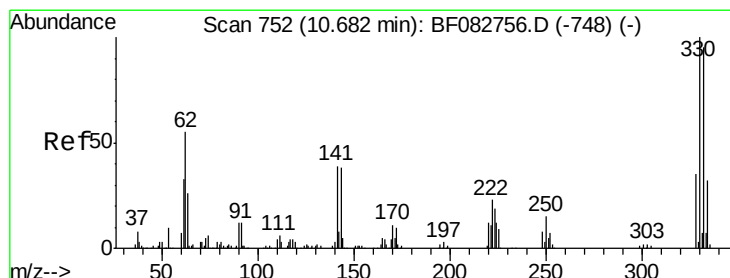
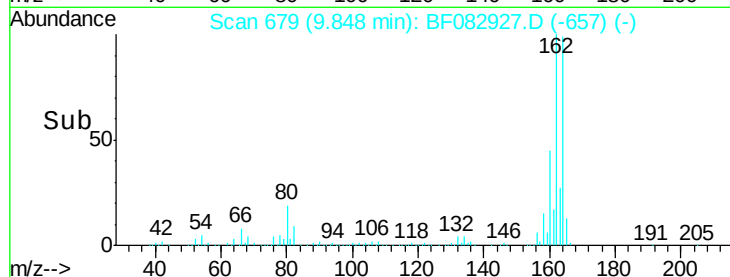
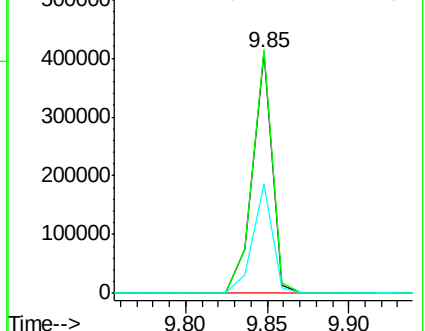
160 45.5 37.5 56.3



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: 95.22 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

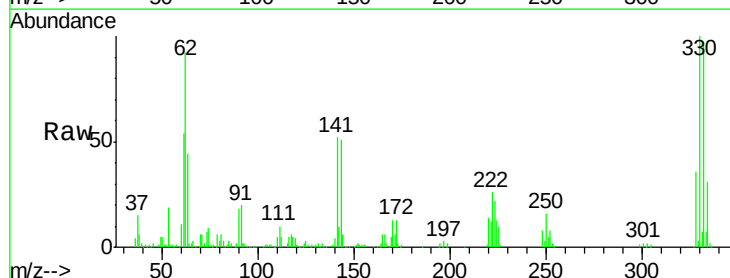
Tgt Ion:330 Resp: 372448

Ion Ratio Lower Upper

330 100

332 98.3 76.6 114.8

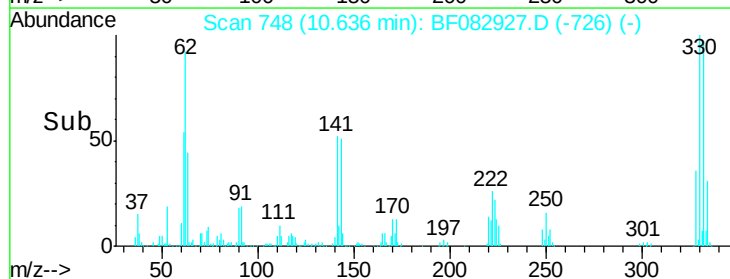
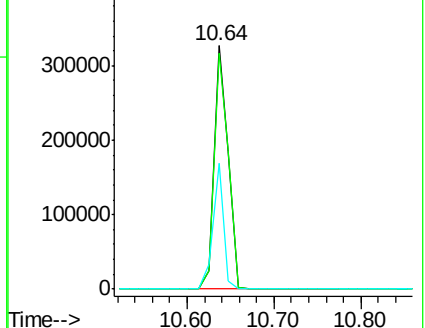
141 40.0 41.2 61.8#

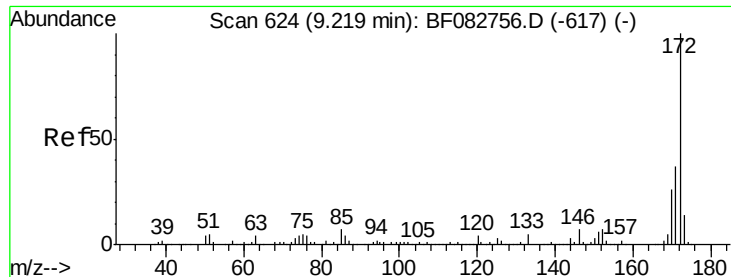


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

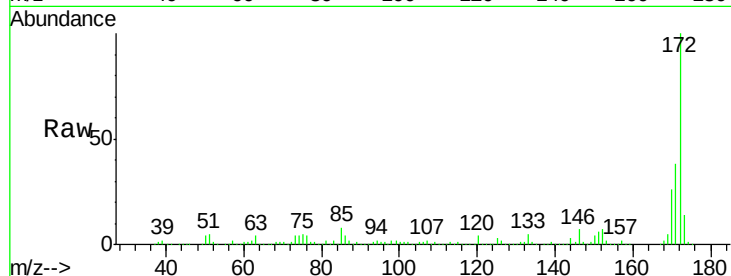




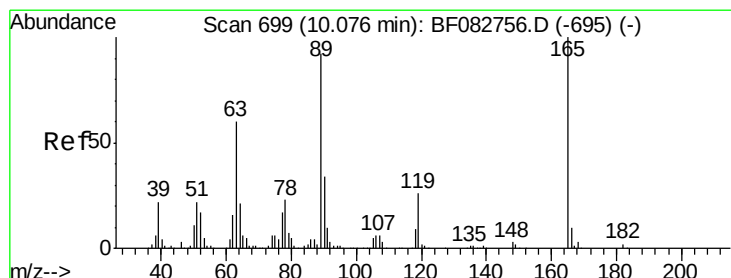
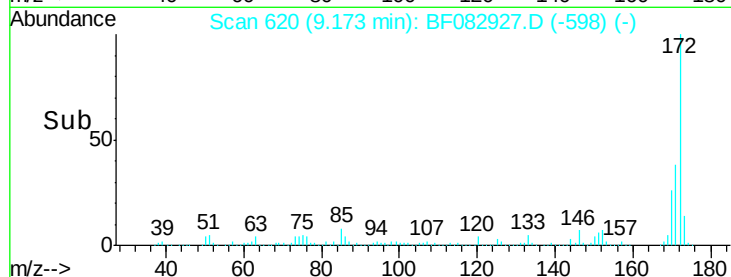
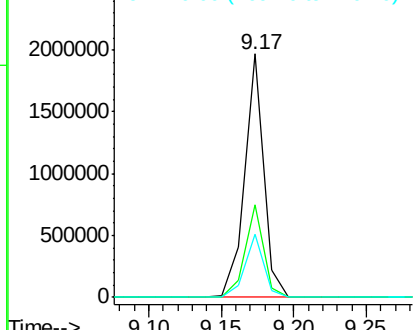
#44
 2-Fluorobiphenyl
 Concen: 75.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082927.D
 Acq: 14 Nov 2015 6:42

Instrument :
 BNA_F
 ClientSampled :
 URS-MW-14

Tgt Ion:172 Resp: 1796897
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.9 21.2 31.8

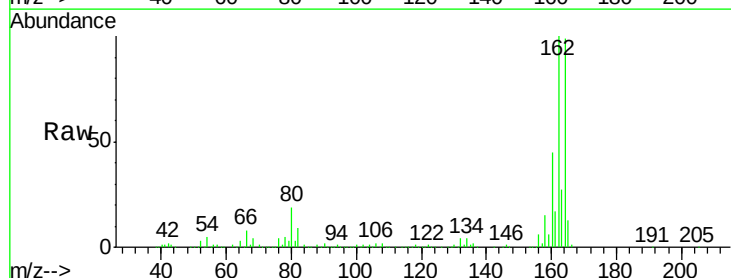


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

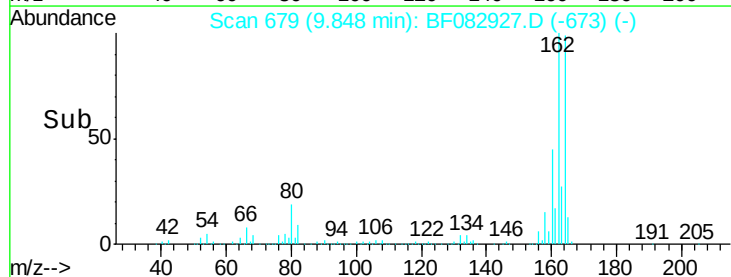
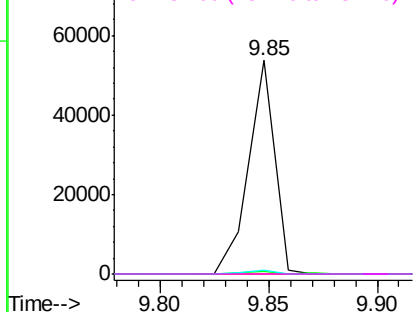


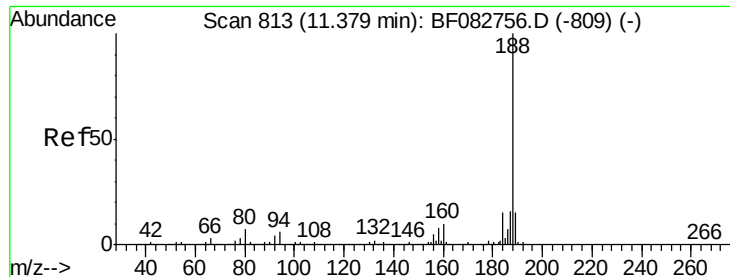
#56
 2,4-Dinitrotoluene
 Concen: 5.54 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082927.D
 Acq: 14 Nov 2015 6:42

Tgt Ion:165 Resp: 44808
 Ion Ratio Lower Upper
 165 100
 63 1.0 43.4 65.0#
 89 1.7 70.6 106.0#
 182 0.0 1.5 2.3#



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

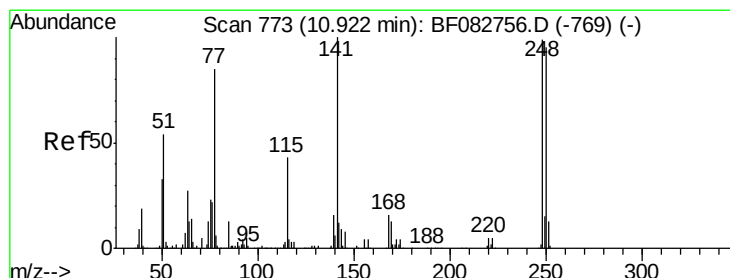
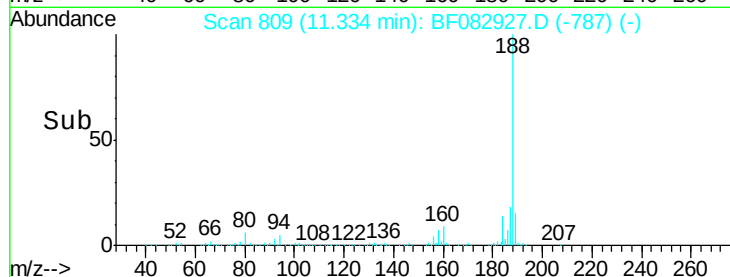
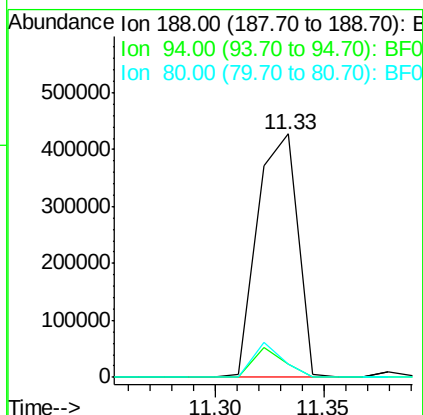
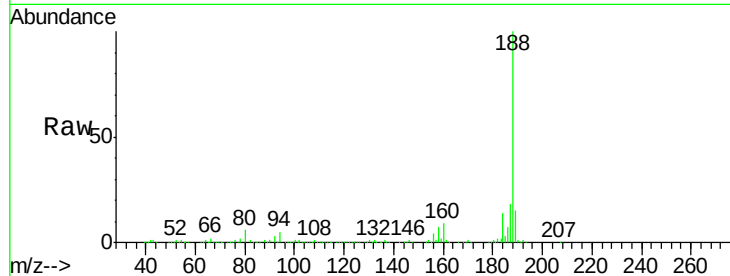




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF082927.D
 Acq: 14 Nov 2015 6:42

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-14

Tgt Ion:188 Resp: 554762
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.1 9.1#
 80 5.7 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.85 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF082927.D
 Acq: 14 Nov 2015 6:42

Tgt Ion:248 Resp: 25739
 Ion Ratio Lower Upper
 248 100
 250 184.3 79.4 119.2#
 141 612.4 36.3 54.5#

