

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111315\
 Data File : BF082924.D
 Acq On : 14 Nov 2015 5:14
 Operator : UM/IZ
 Sample : G4383-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-09

Quant Time: Nov 16 00:13:46 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

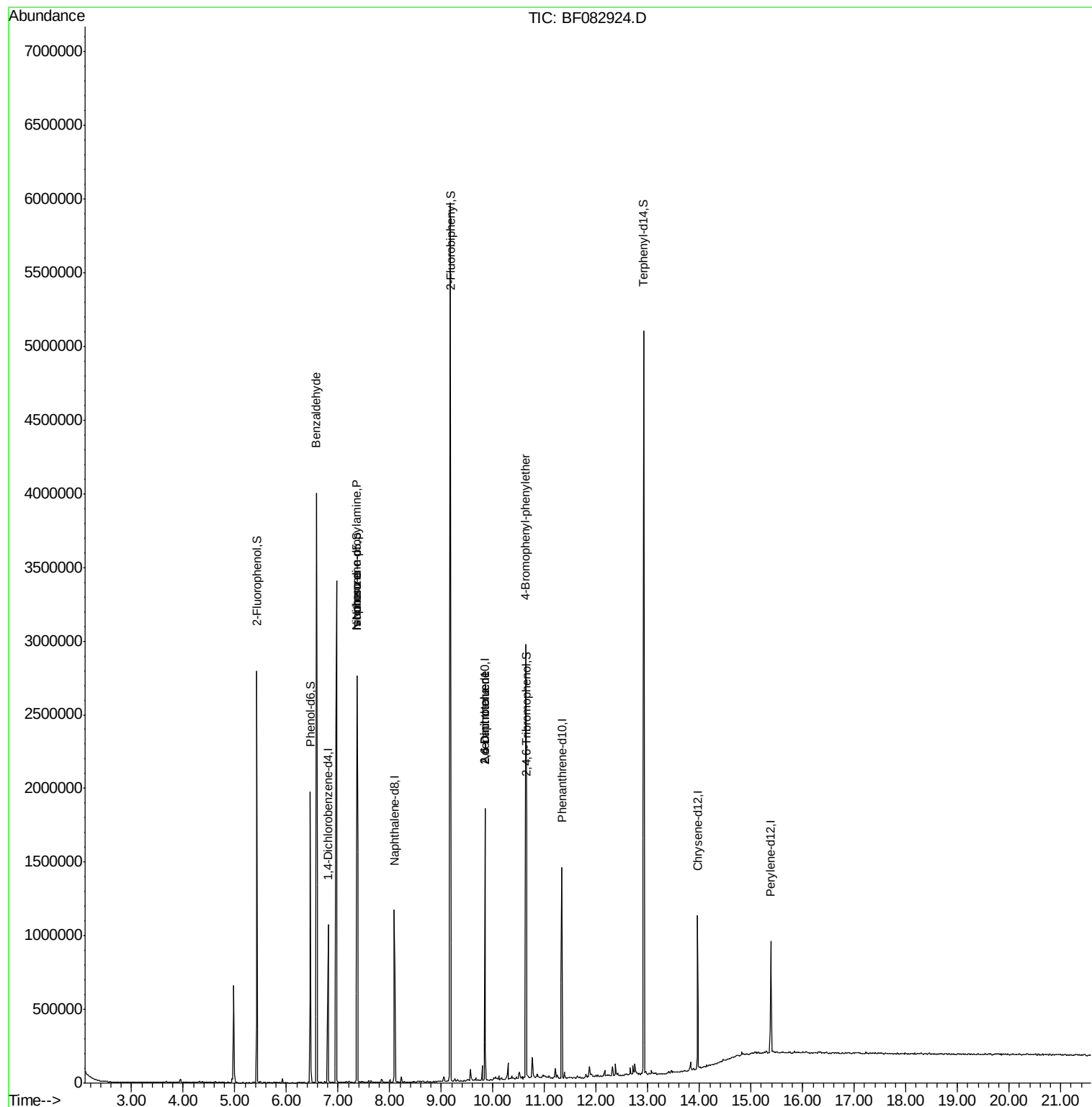
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	187765	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	653385	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	334728	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	589636	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	383184	20.00	ng	-0.06
86) Perylene-d12	15.38	264	392715	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	672019	55.69	ng	-0.02
7) Phenol-d6	6.46	99	653010	40.70	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1213295	80.80	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	457559	119.22	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1785906	76.47	ng	-0.05
78) Terphenyl-d14	12.92	244	1509113	93.41	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	27641	3.12	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.37	70	162791	13.80	ng	# 70
25) Isophorone	7.37	82	1207514	43.46	ng	# 70
50) 2,6-Dinitrotoluene	9.85	165	44755	7.65	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	44757	5.64	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	29834	4.20	ng	# 1

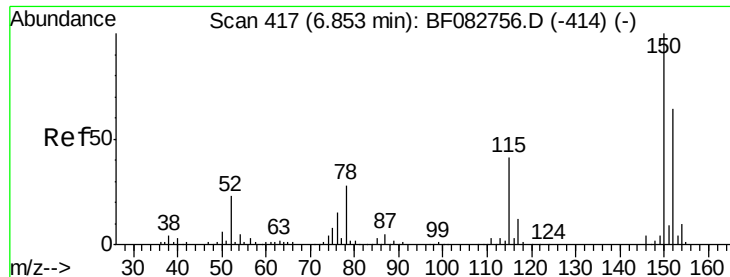
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082924.D

Acq: 14 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

URS-MW-09

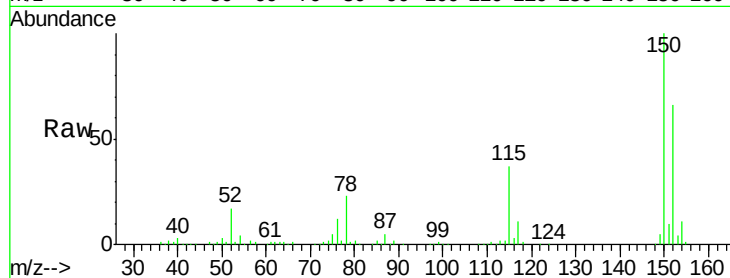
Tgt Ion:152 Resp: 187765

Ion Ratio Lower Upper

152 100

150 152.1 127.0 190.4

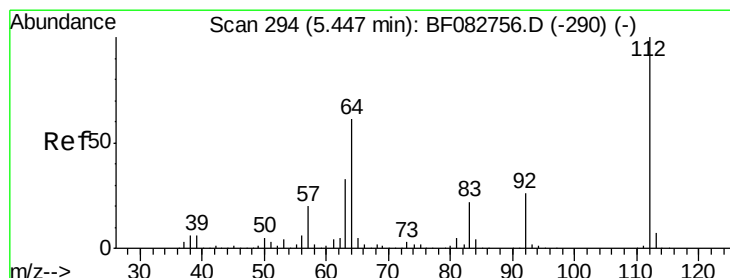
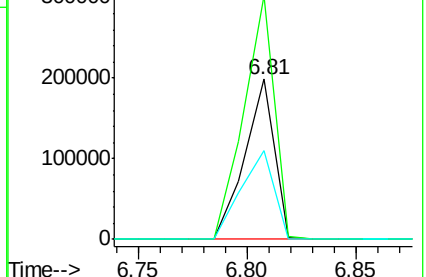
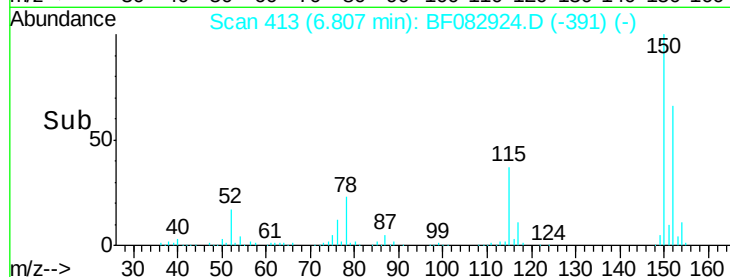
115 55.7 47.0 70.6



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: 55.69 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082924.D

Acq: 14 Nov 2015 5:14

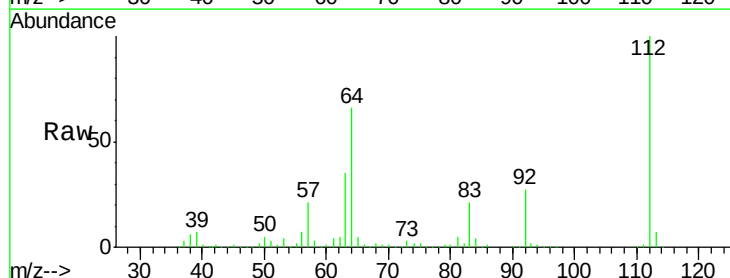
Tgt Ion:112 Resp: 672019

Ion Ratio Lower Upper

112 100

64 66.5 48.9 73.3

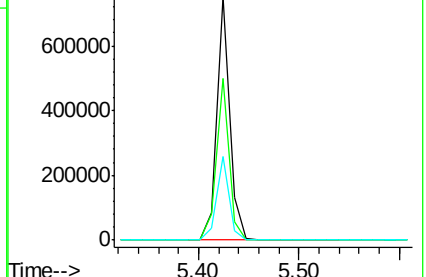
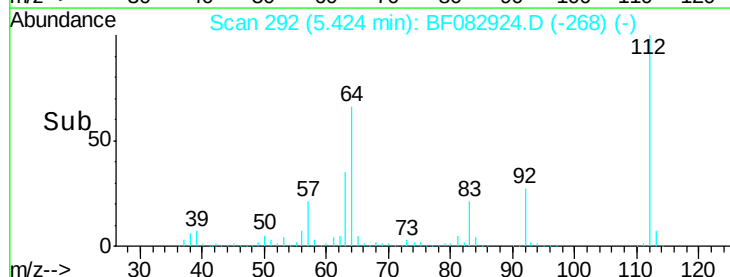
63 34.5 28.1 42.1

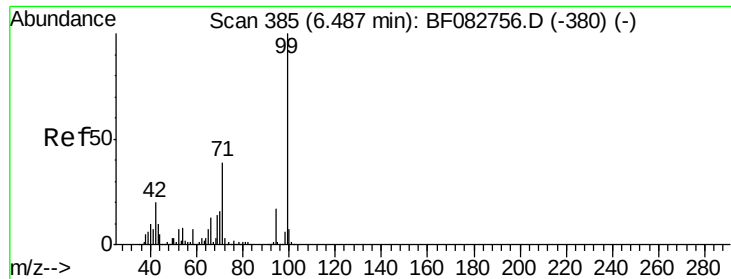


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.70 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082924.D

Acq: 14 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

URS-MW-09

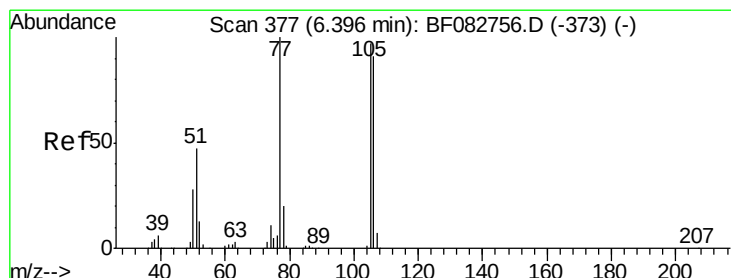
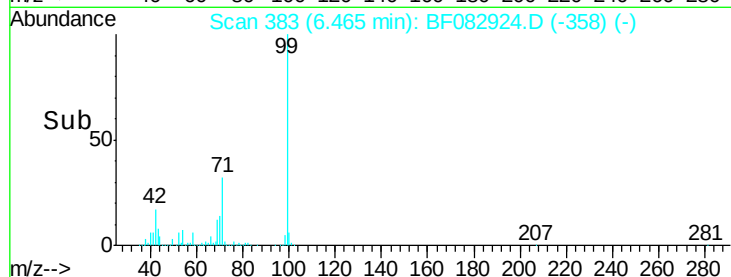
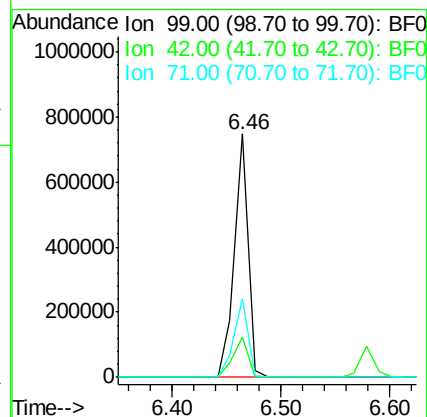
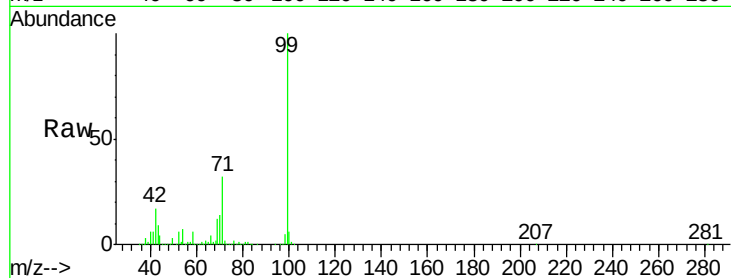
Tgt Ion: 99 Resp: 653010

Ion Ratio Lower Upper

99 100

42 16.7 19.2 28.8#

71 32.4 35.0 52.4#



#9

Benzaldehyde

Concen: 3.12 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082924.D

Acq: 14 Nov 2015 5:14

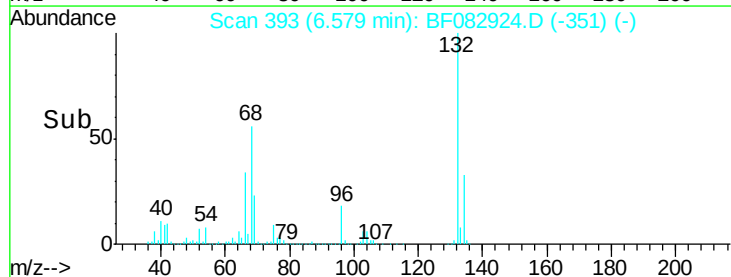
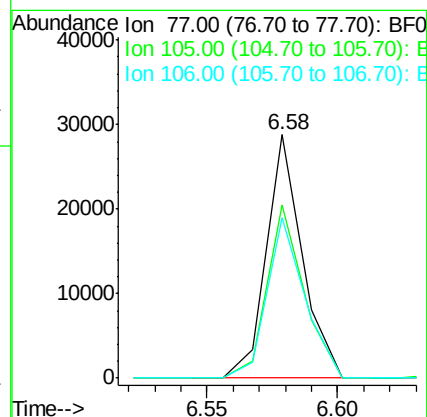
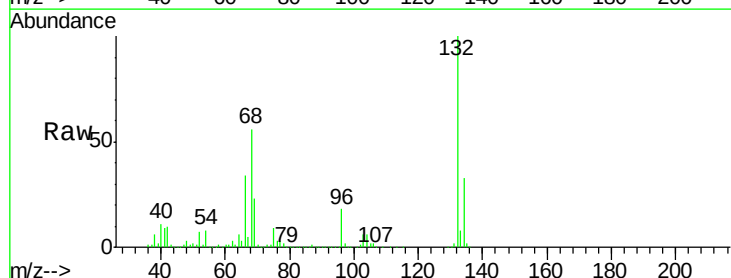
Tgt Ion: 77 Resp: 27641

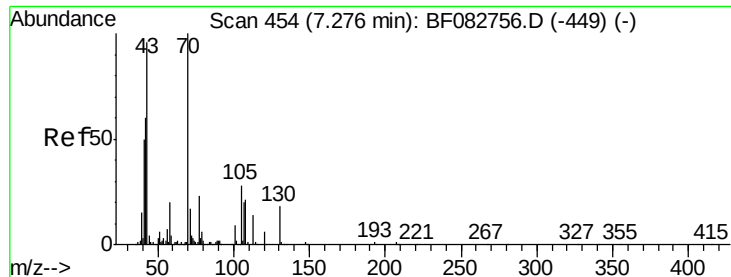
Ion Ratio Lower Upper

77 100

105 71.4 63.5 103.5

106 65.9 59.3 99.3

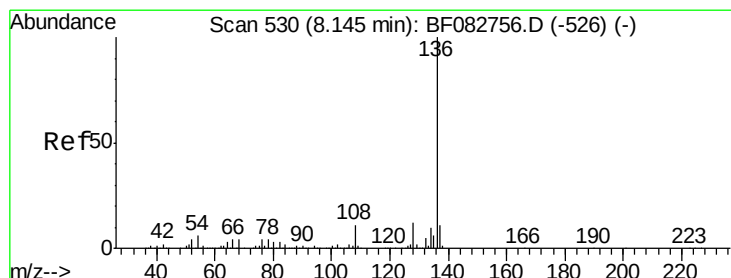
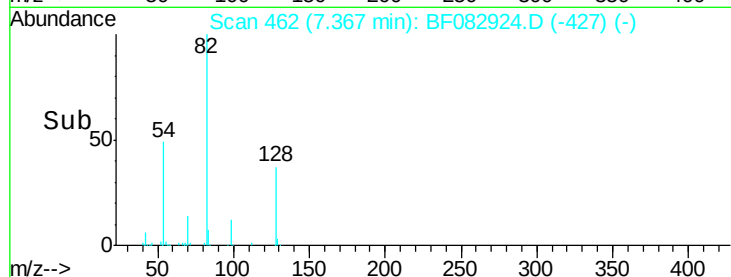
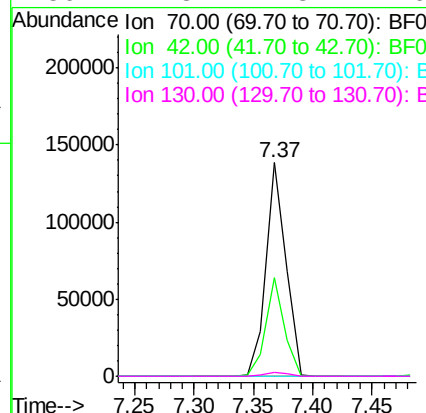
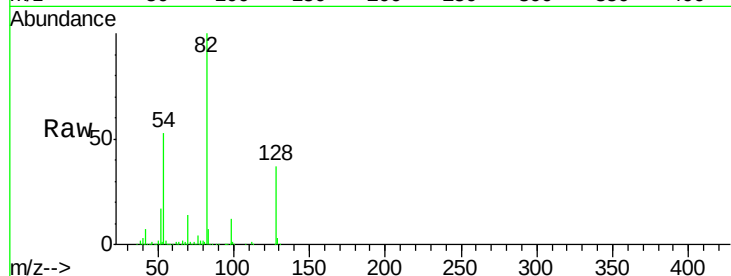




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.80 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.10 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

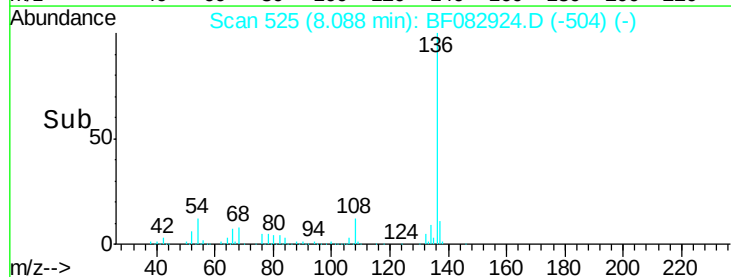
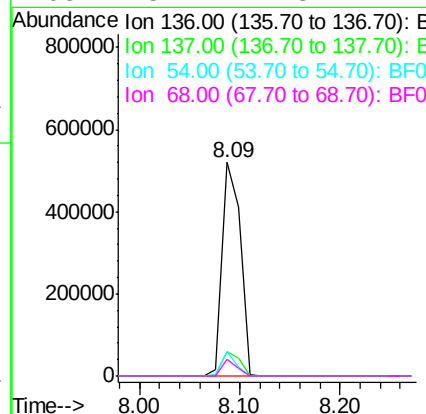
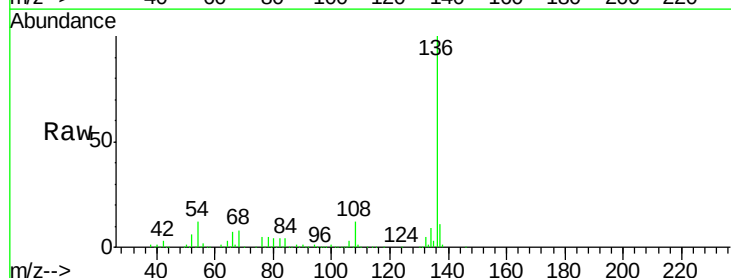
Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-09

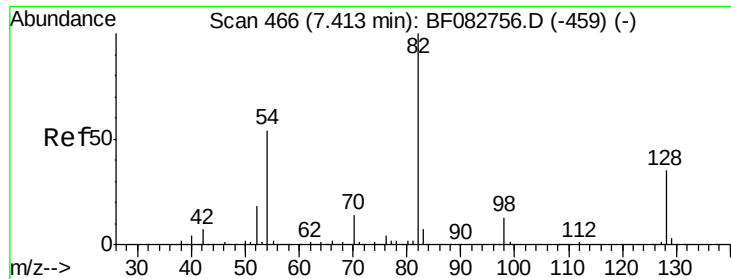
Tgt Ion:	70	Resp:	162791
Ion	Ratio	Lower	Upper
70	100		
42	46.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.06 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Tgt Ion:	136	Resp:	653385
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.6	9.1	13.7
68	8.1	4.8	7.2#

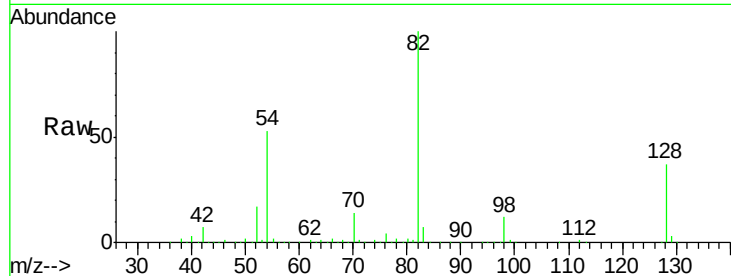




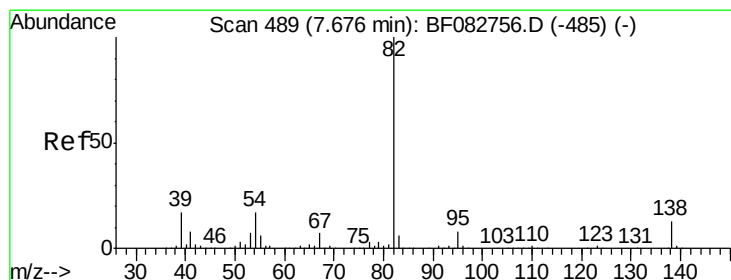
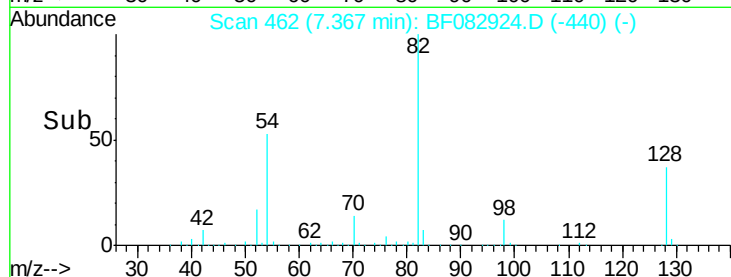
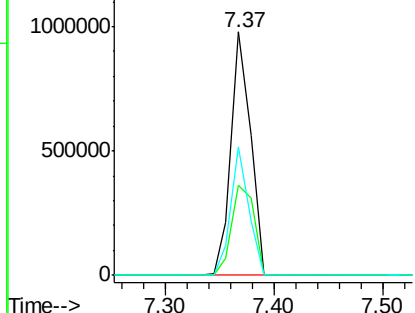
#23
 Nitrobenzene-d5
 Concen: 80.80 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-09

Tgt Ion: 82 Resp: 1213295
 Ion Ratio Lower Upper
 82 100
 128 36.8 26.8 40.2
 54 52.8 45.7 68.5

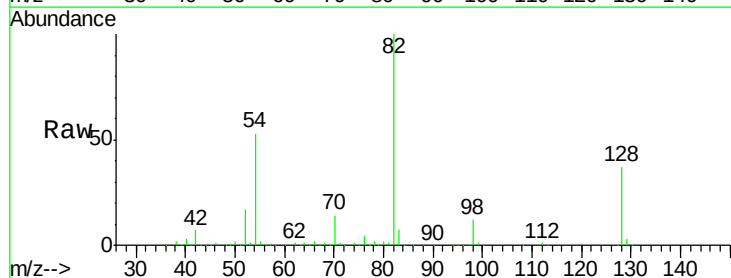


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

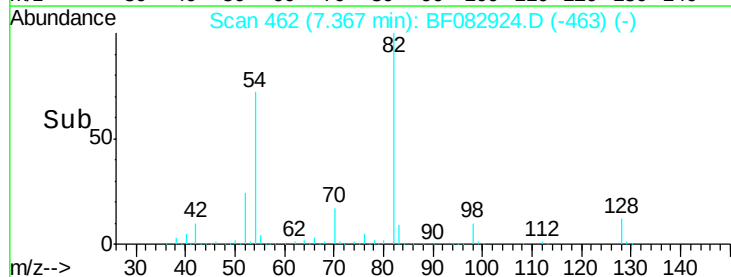
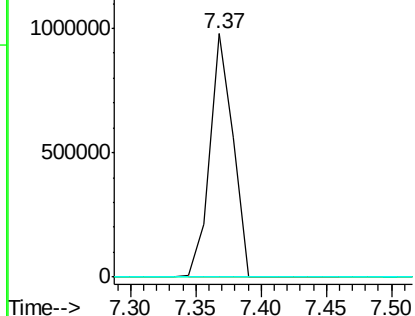


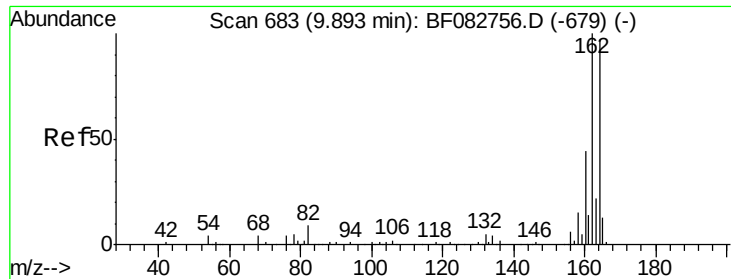
#25
 Isophorone
 Concen: 43.46 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Tgt Ion: 82 Resp: 1207514
 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: BF082924.D

Acq: 14 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

URS-MW-09

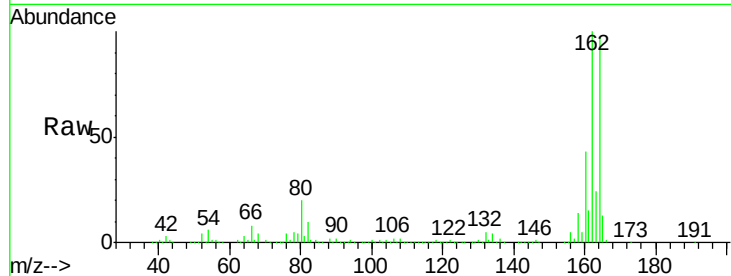
Tgt Ion:164 Resp: 334728

Ion Ratio Lower Upper

164 100

162 102.6 84.9 127.3

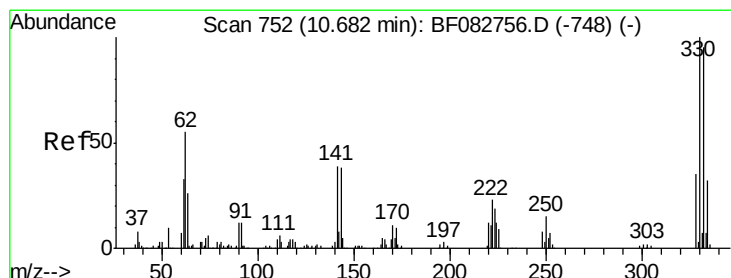
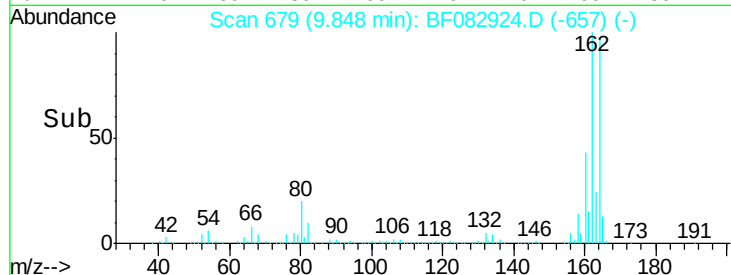
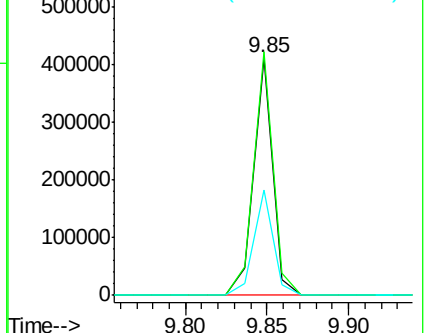
160 44.4 37.5 56.3



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: 119.22 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF082924.D

Acq: 14 Nov 2015 5:14

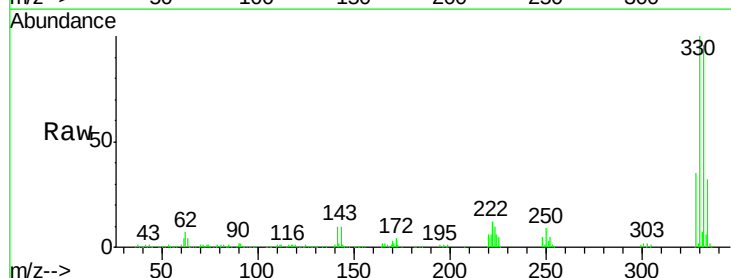
Tgt Ion:330 Resp: 457559

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

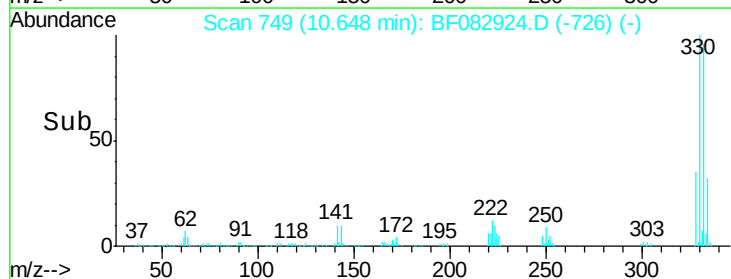
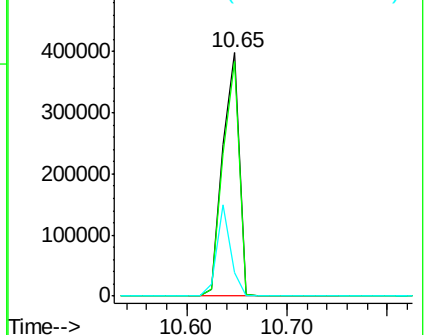
141 31.7 41.2 61.8#

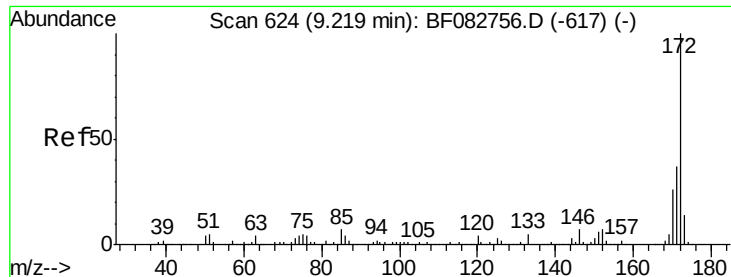


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

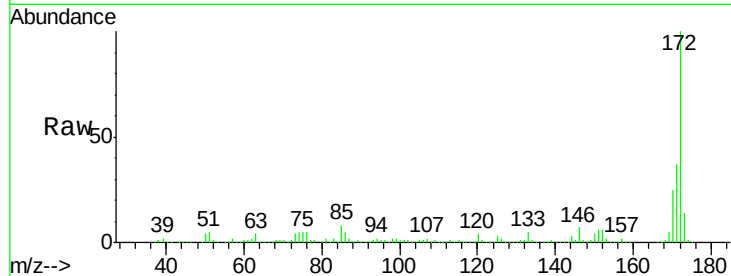




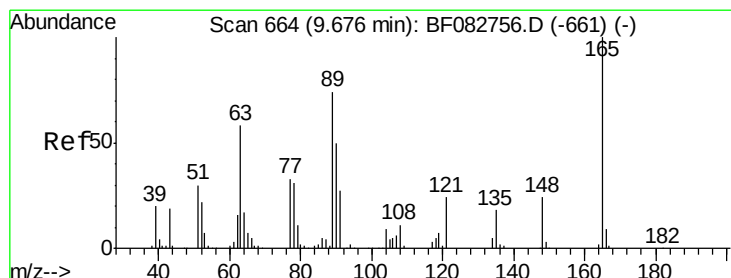
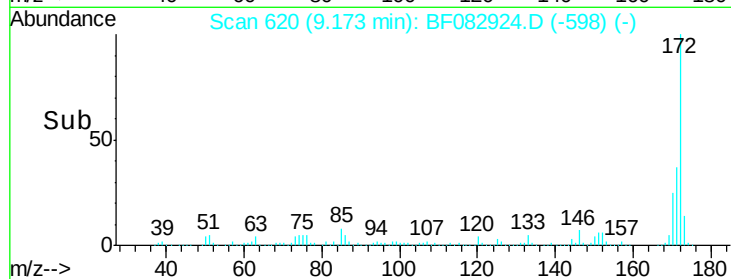
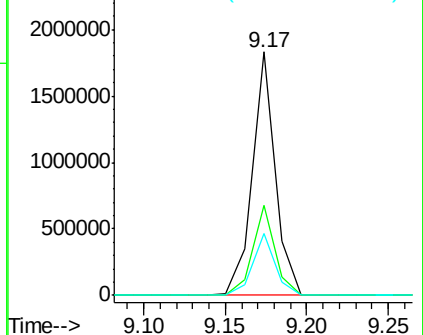
#44
 2-Fluorobiphenyl
 Concen: 76.47 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-09

Tgt Ion:172 Resp: 1785906
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.5 21.2 31.8

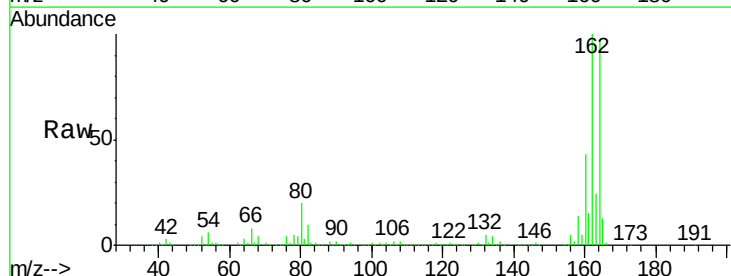


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

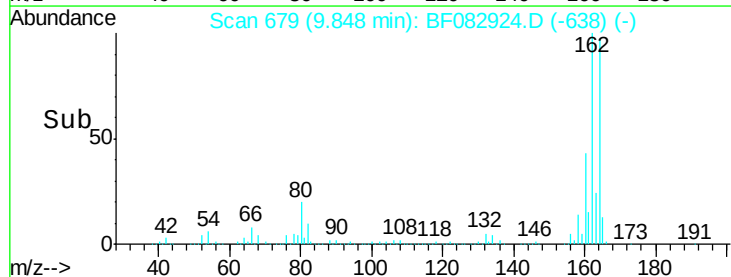
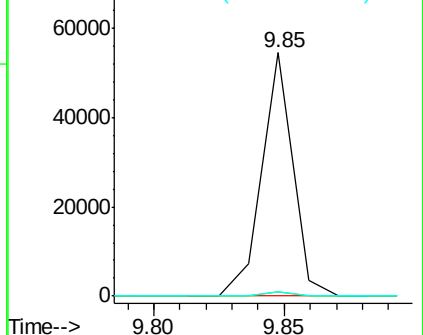


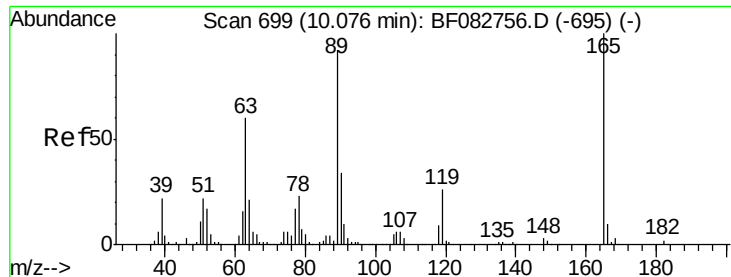
#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.17 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Tgt Ion:165 Resp: 44755
 Ion Ratio Lower Upper
 165 100
 63 1.5 55.5 83.3#
 89 1.9 55.0 82.6#



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

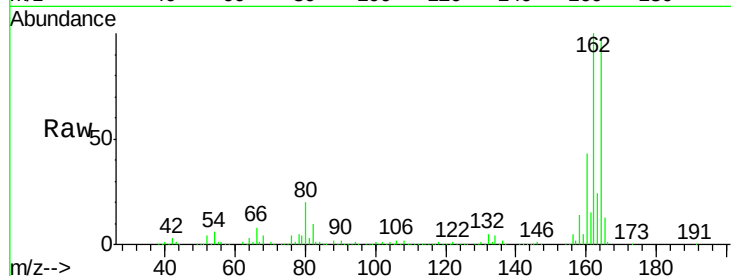




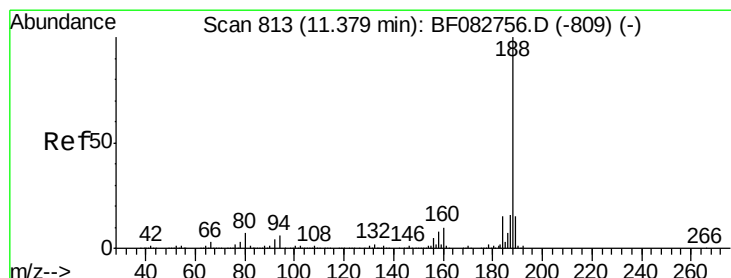
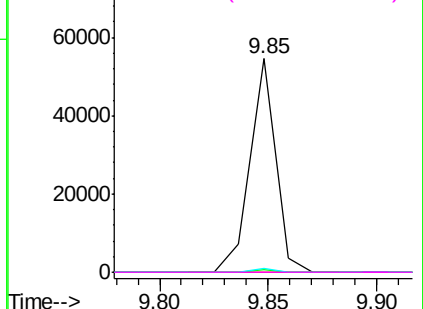
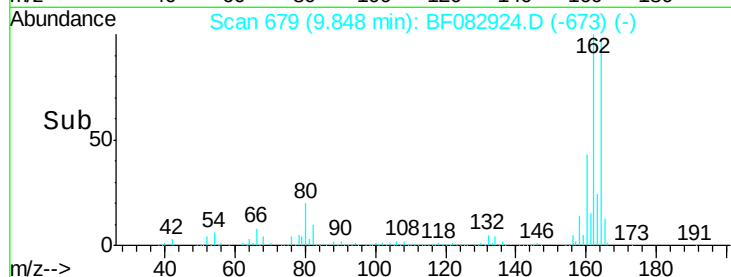
#56
 2,4-Dinitrotoluene
 Concen: 5.64 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-09

Tgt Ion:165 Resp: 44757
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.0#
 89 1.9 70.6 106.0#
 182 0.0 1.5 2.3#

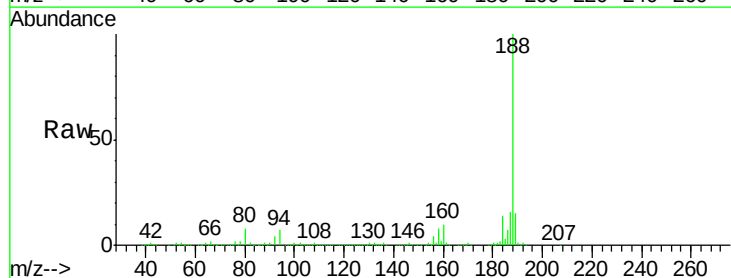


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

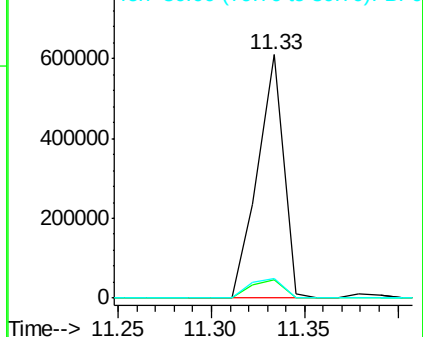
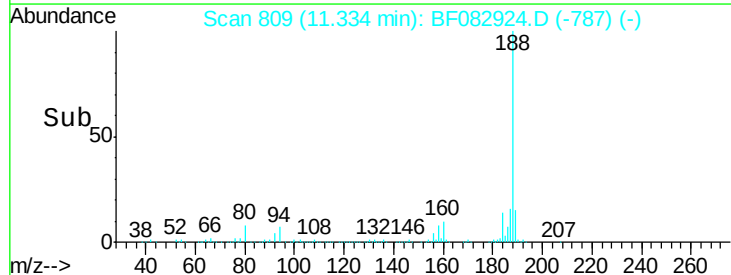


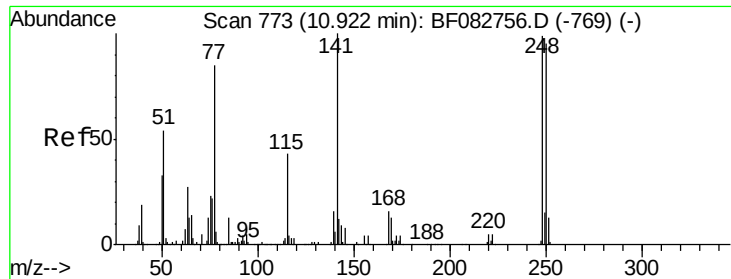
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF082924.D
 Acq: 14 Nov 2015 5:14

Tgt Ion:188 Resp: 589636
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.1 9.1
 80 7.8 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

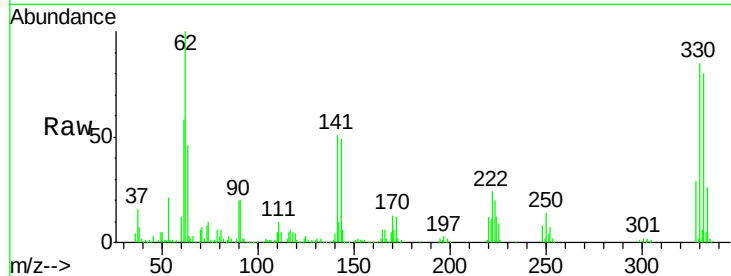




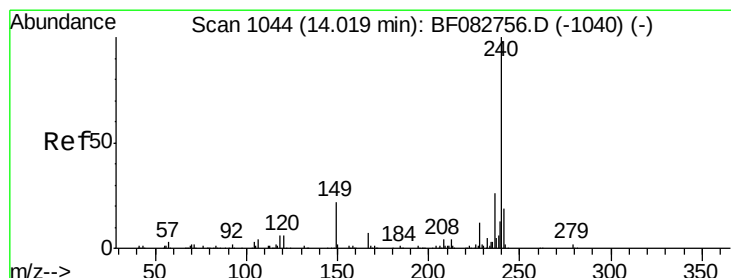
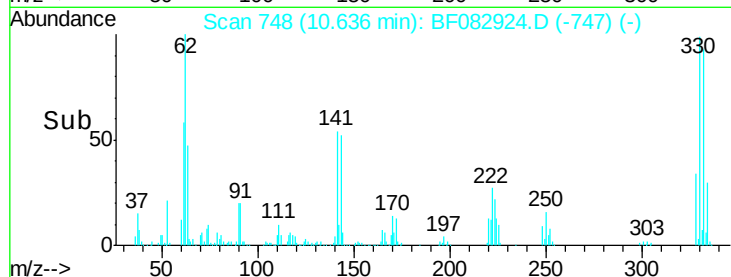
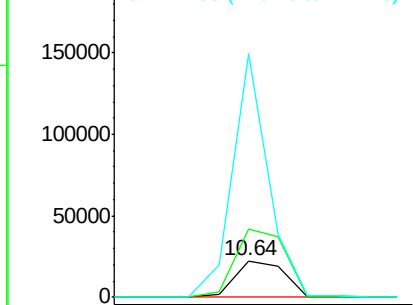
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082924.D
Acq: 14 Nov 2015 5:14

Instrument :
BNA_F
ClientSampleId :
URS-MW-09

Tgt Ion:248 Resp: 29834
Ion Ratio Lower Upper
248 100
250 186.3 79.4 119.2#
141 665.7 36.3 54.5#

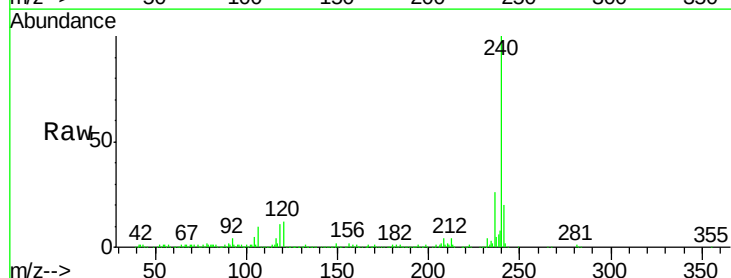


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

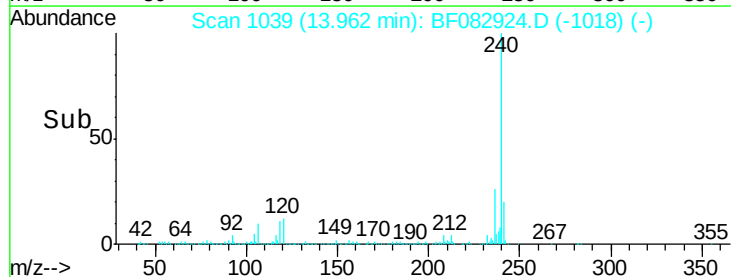
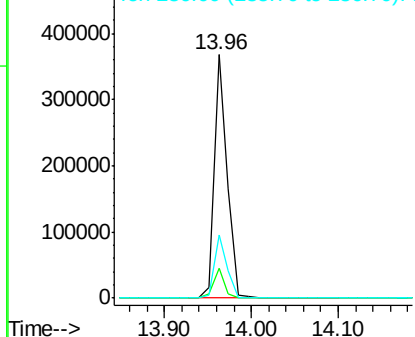


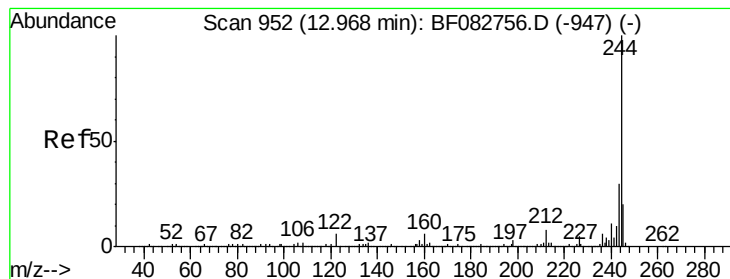
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082924.D
Acq: 14 Nov 2015 5:14

Tgt Ion:240 Resp: 383184
Ion Ratio Lower Upper
240 100
120 12.2 10.9 16.3
236 25.7 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: 93.41 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082924.D

Acq: 14 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

URS-MW-09

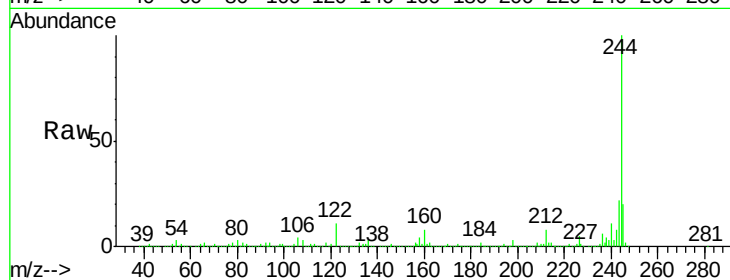
Tgt Ion:244 Resp: 1509113

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

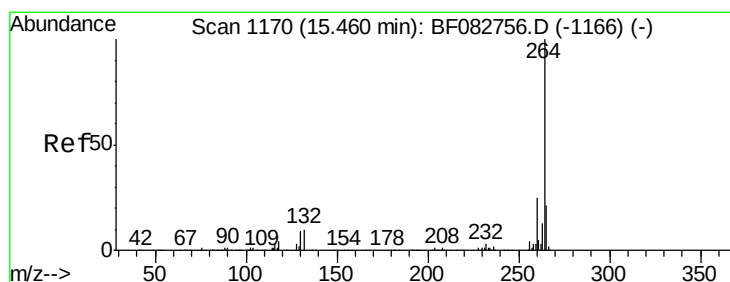
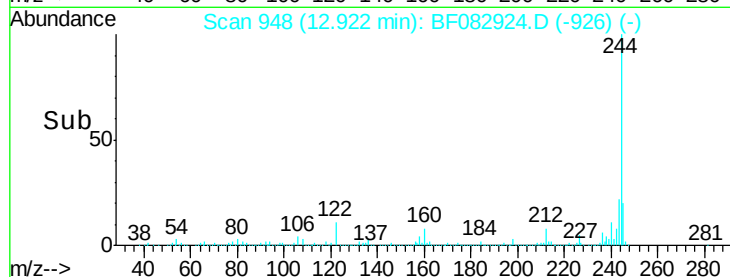
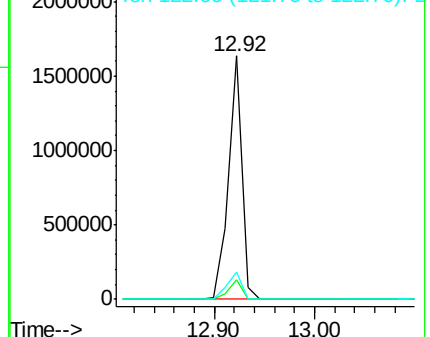
122 11.2 11.3 16.9#



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082924.D

Acq: 14 Nov 2015 5:14

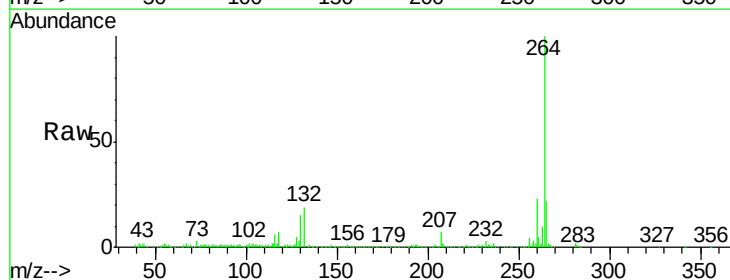
Tgt Ion:264 Resp: 392715

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 22.2 17.4 26.0



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

