

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082923.D
 Acq On : 14 Nov 2015 4:45
 Operator : UM/IZ
 Sample : G4382-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-12

Quant Time: Nov 14 05:43:31 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

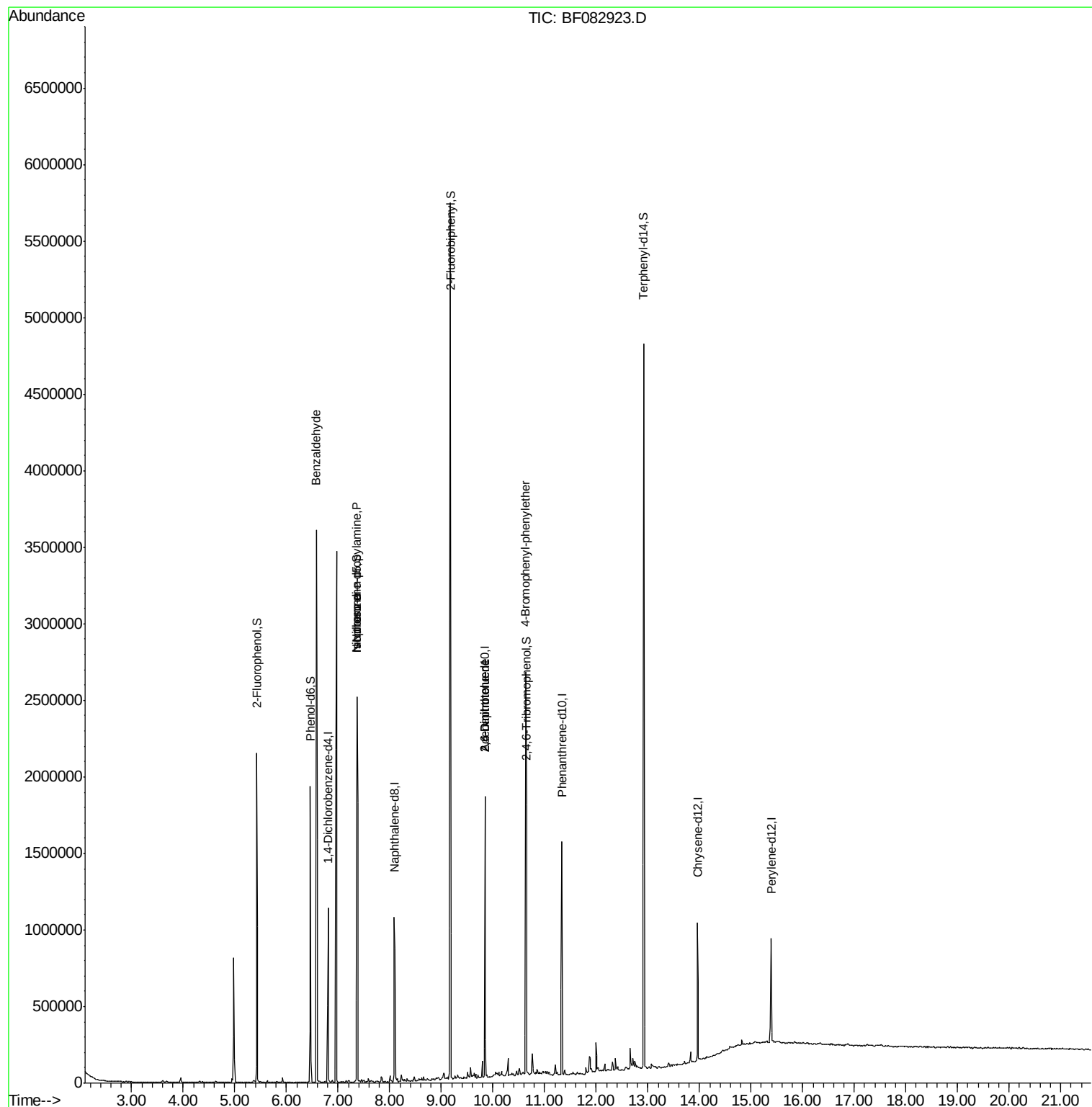
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	190097	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	657949	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	334240	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	585692	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	375995	20.00	ng	-0.06
86) Perylene-d12	15.39	264	401934	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	647258	52.98	ng	-0.02
7) Phenol-d6	6.46	99	589969	36.32	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1190408	78.73	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	406541	106.08	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1689872	72.46	ng	-0.05
78) Terphenyl-d14	12.92	244	1387289	87.51	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	25924	2.89	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.37	70	158082	13.24	ng	# 71
25) Isophorone	7.37	82	1184512	42.34	ng	# 70
50) 2,6-Dinitrotoluene	9.85	165	44088	7.55	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	44090	5.56	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	26473	3.75	ng	# 1

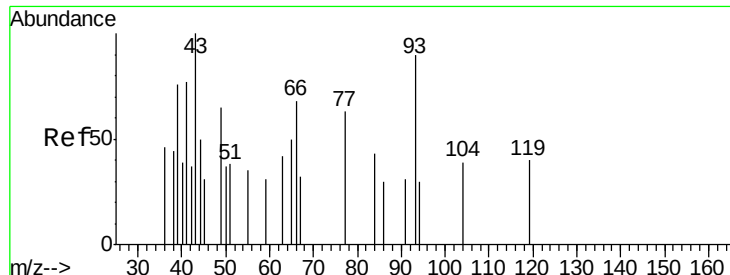
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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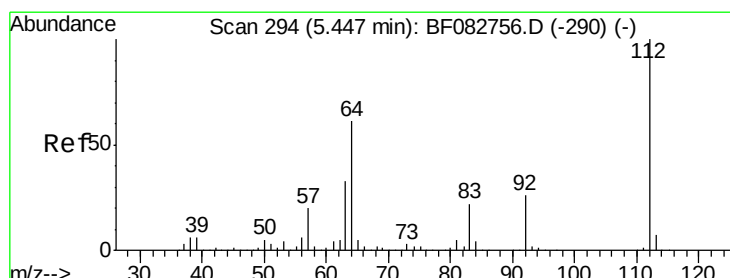
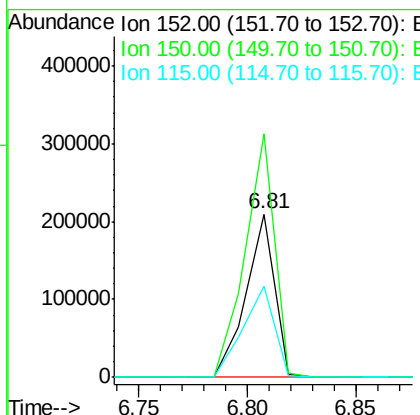
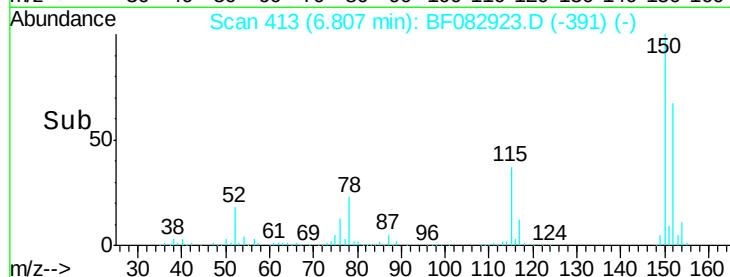
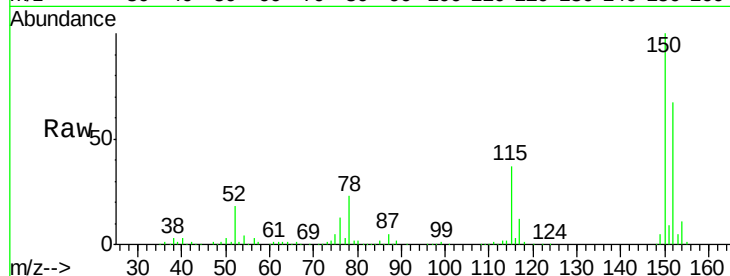




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

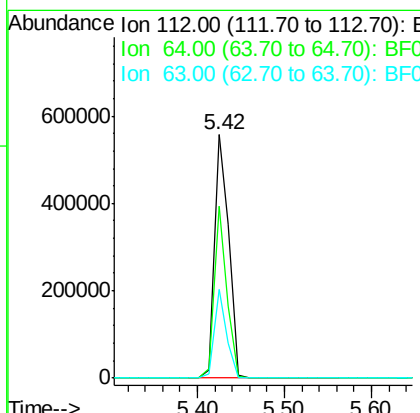
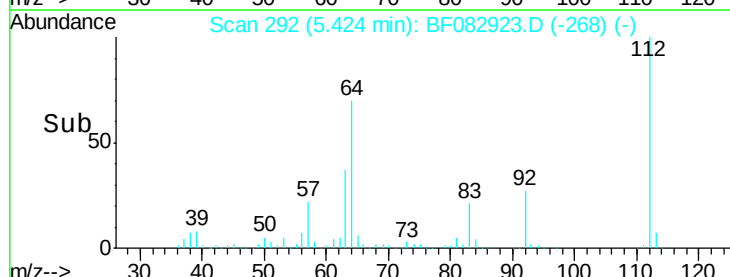
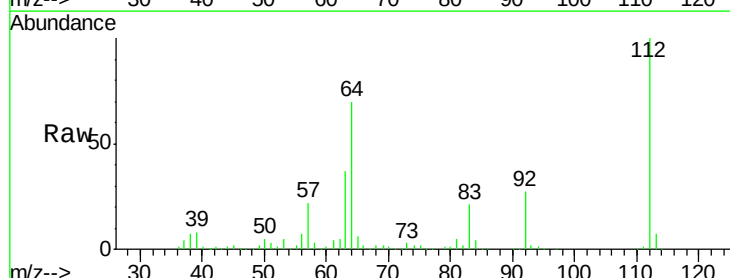
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-12

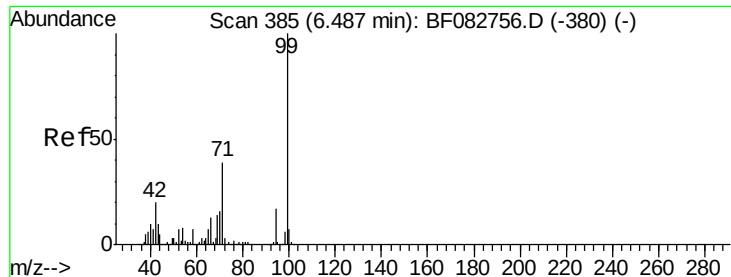
Tgt Ion:152 Resp: 190097
 Ion Ratio Lower Upper
 152 100
 150 149.4 127.0 190.4
 115 56.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 52.98 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Tgt Ion:112 Resp: 647258
 Ion Ratio Lower Upper
 112 100
 64 70.4 48.9 73.3
 63 36.6 28.1 42.1





#7

Phenol-d6

Concen: 36.32 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082923.D

Acq: 14 Nov 2015 4:45

Instrument :

BNA_F

ClientSampleId :

URS MW-12

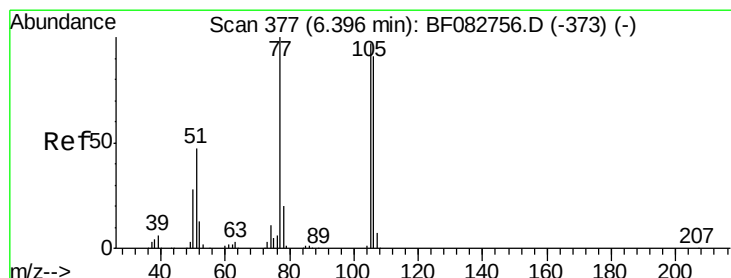
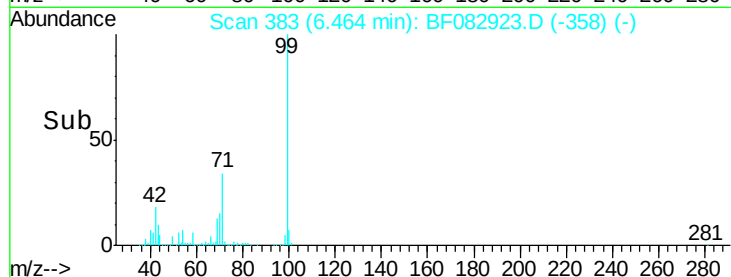
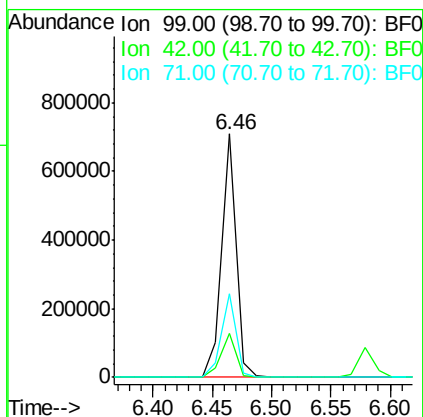
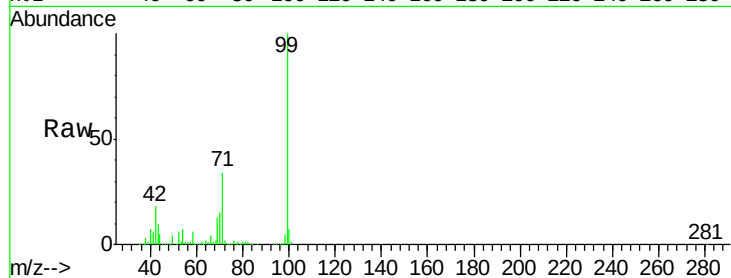
Tgt Ion: 99 Resp: 589969

Ion Ratio Lower Upper

99 100

42 18.0 19.2 28.8#

71 34.2 35.0 52.4#



#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082923.D

Acq: 14 Nov 2015 4:45

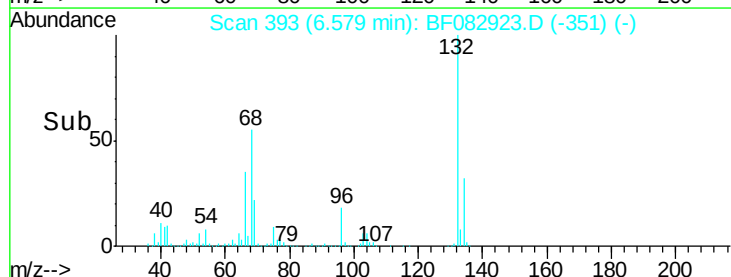
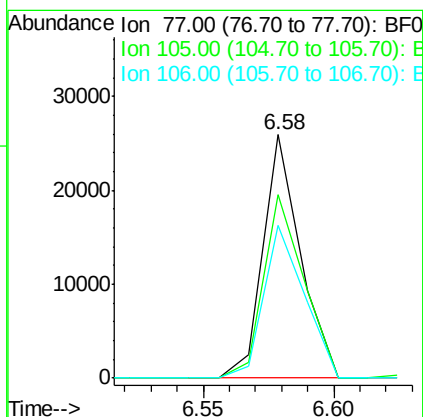
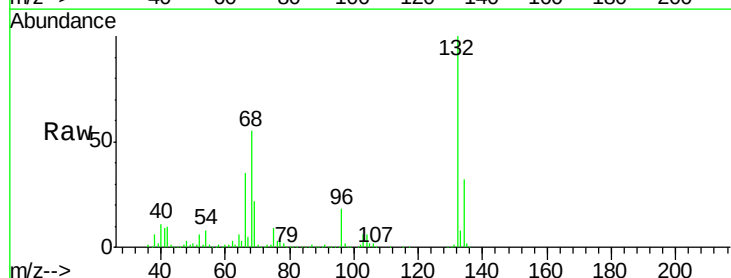
Tgt Ion: 77 Resp: 25924

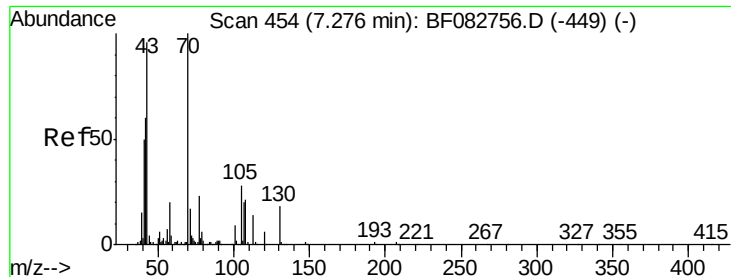
Ion Ratio Lower Upper

77 100

105 75.1 63.5 103.5

106 62.9 59.3 99.3

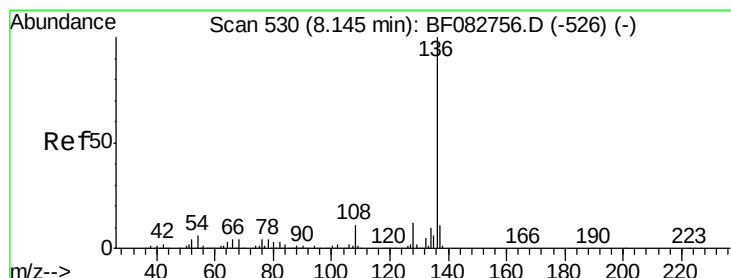
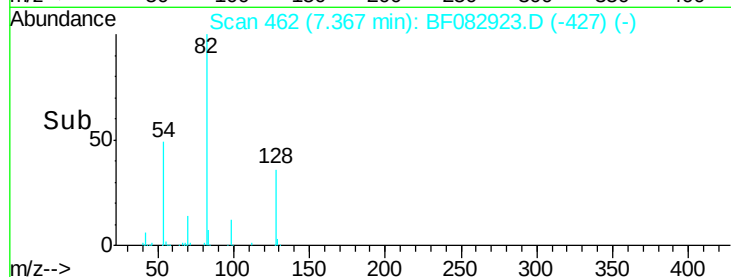
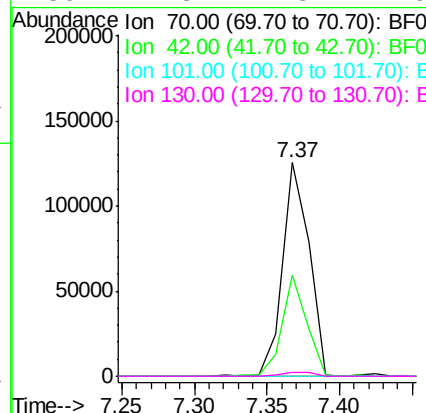
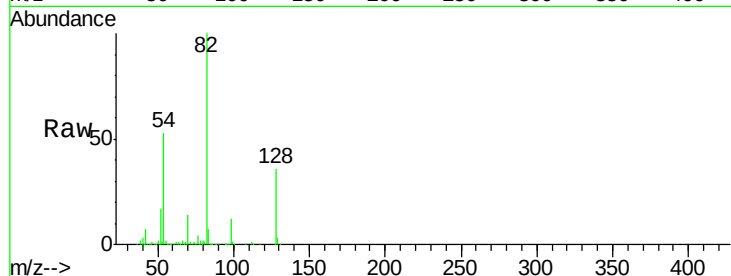




#19
n-Nitroso-di-n-propylamine
Concen: 13.24 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082923.D
Acq: 14 Nov 2015 4:45

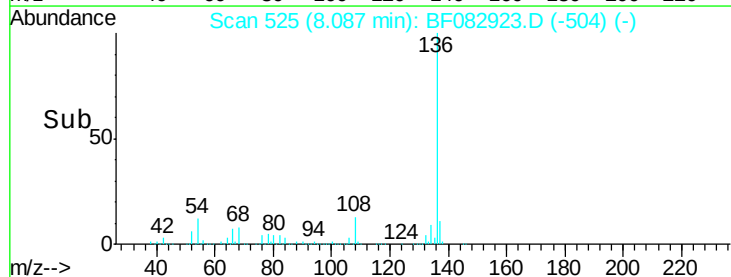
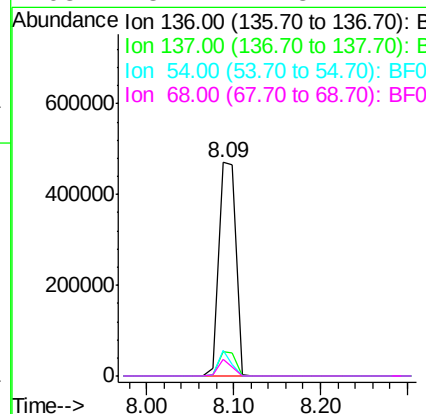
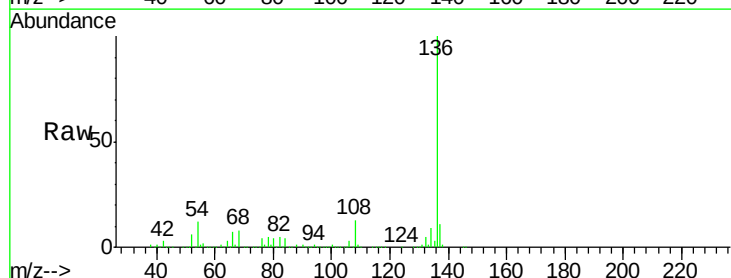
Instrument :
BNA_F
ClientSampleId :
URS MW-12

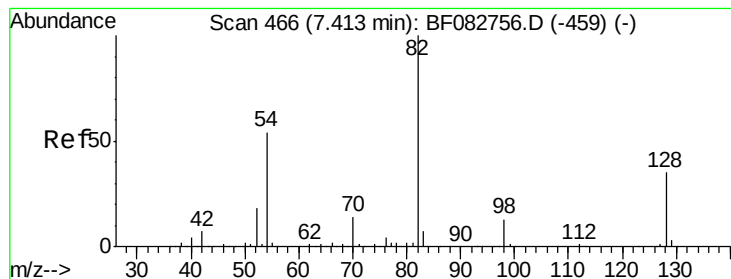
Tgt Ion:	70	Resp:	158082
Ion	Ratio	Lower	Upper
70	100		
42	47.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082923.D
Acq: 14 Nov 2015 4:45

Tgt Ion:	136	Resp:	657949
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	12.2	9.1	13.7
68	8.1	4.8	7.2#





#23

Nitrobenzene-d5

Concen: 78.73 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082923.D

Acq: 14 Nov 2015 4:45

Instrument :

BNA_F

ClientSampleId :

URS MW-12

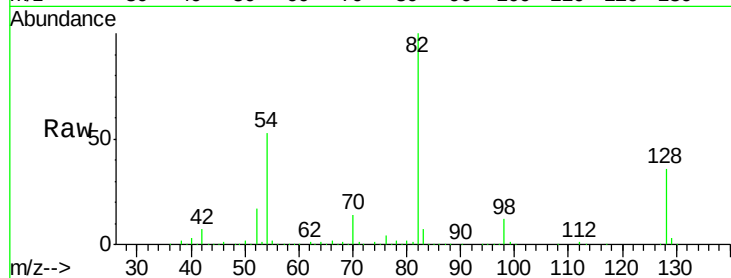
Tgt Ion: 82 Resp: 1190408

Ion Ratio Lower Upper

82 100

128 36.1 26.8 40.2

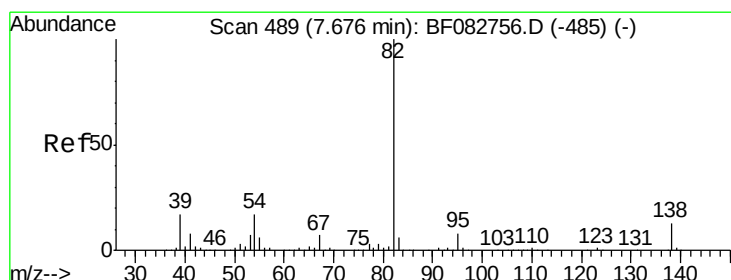
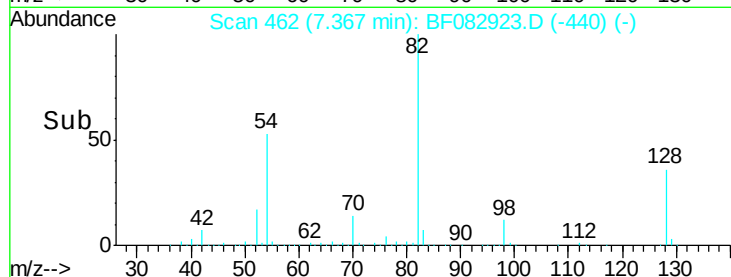
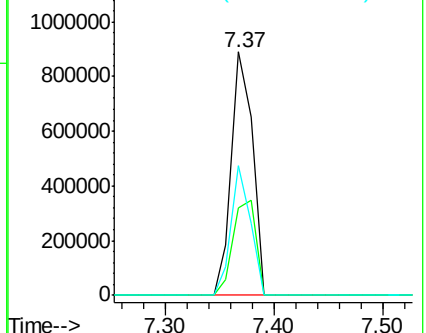
54 53.3 45.7 68.5



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: 42.34 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082923.D

Acq: 14 Nov 2015 4:45

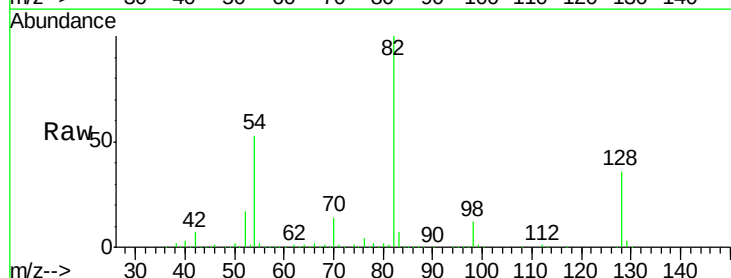
Tgt Ion: 82 Resp: 1184512

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

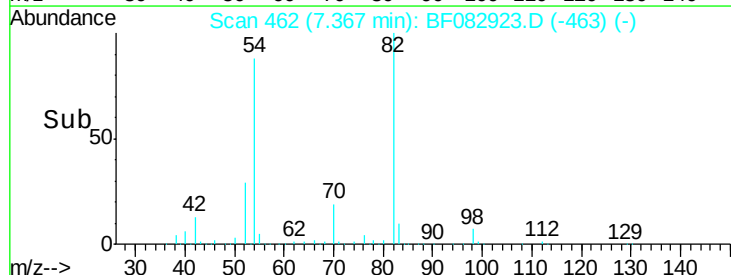
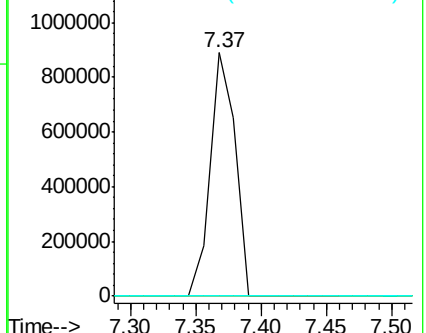
138 0.0 11.4 17.0#

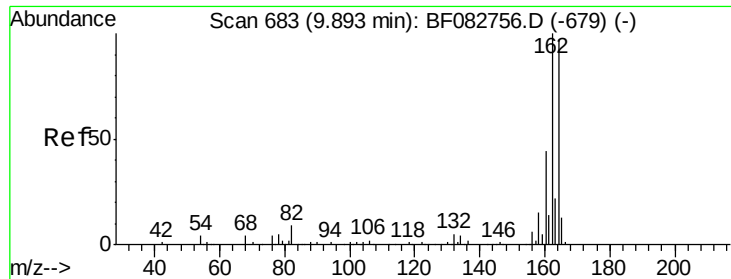


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

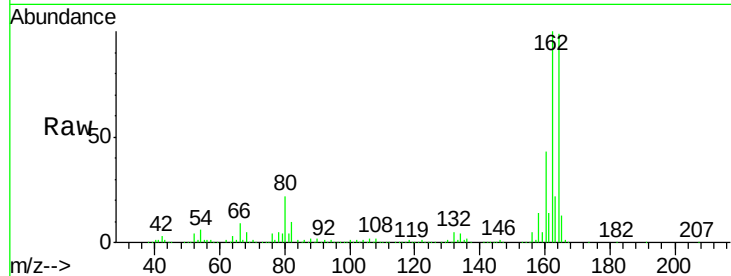




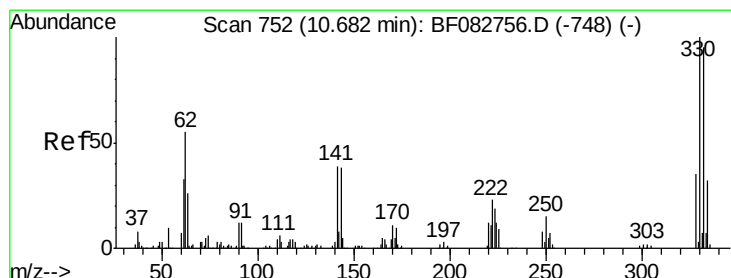
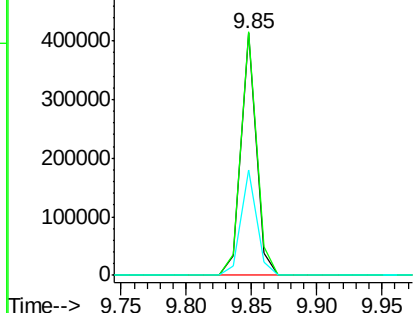
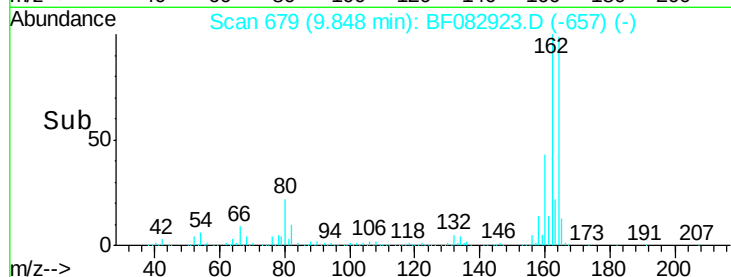
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Instrument :
 BNA_F
 ClientSampled :
 URS MW-12

Tgt Ion:164 Resp: 334240
 Ion Ratio Lower Upper
 164 100
 162 100.6 84.9 127.3
 160 43.7 37.5 56.3

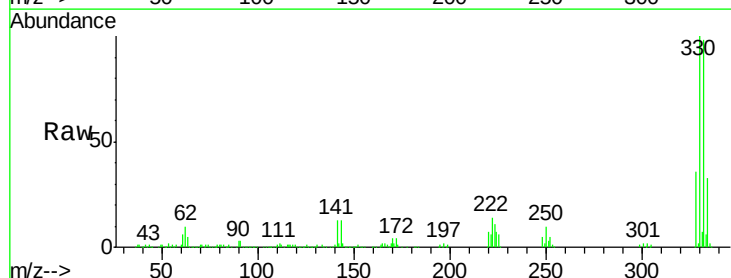


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

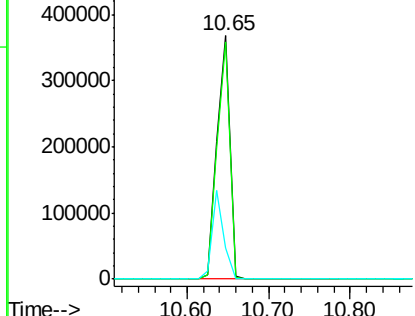
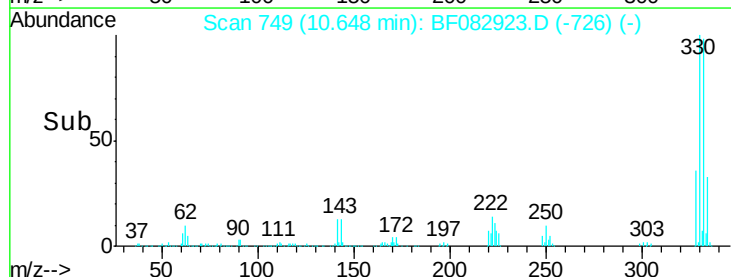


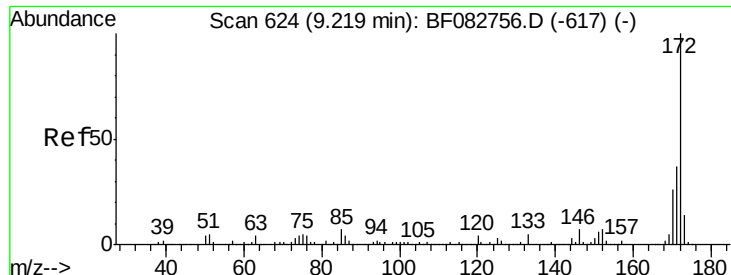
#41
 2,4,6-Tribromophenol
 Concen: 106.08 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Tgt Ion:330 Resp: 406541
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 33.6 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

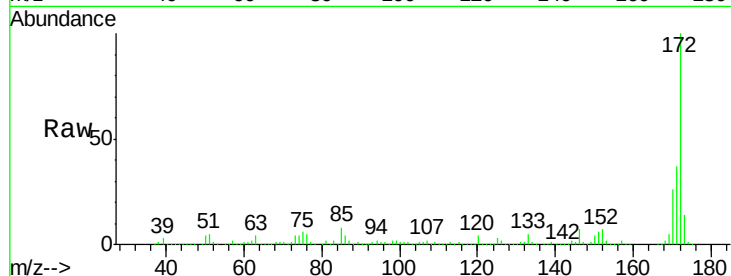




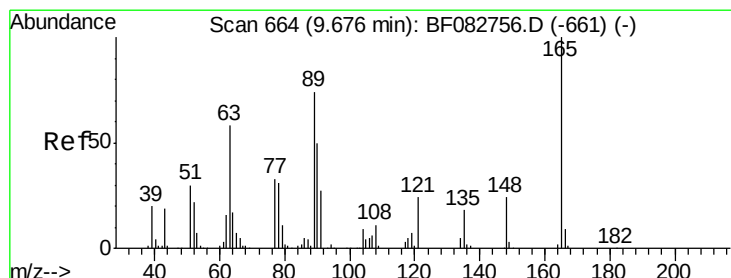
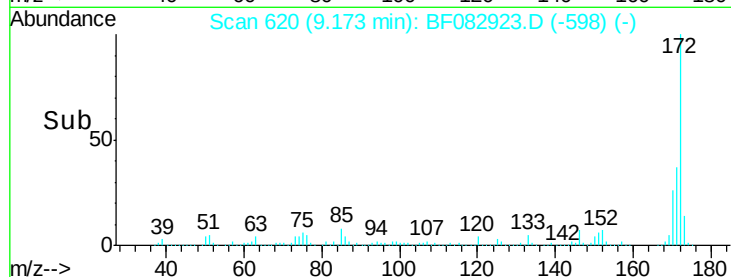
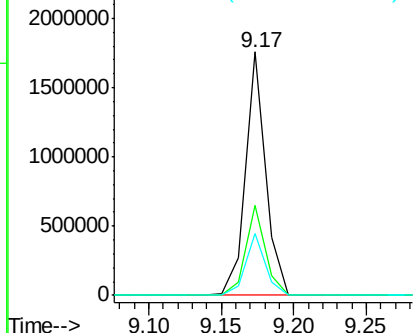
#44
 2-Fluorobiphenyl
 Concen: 72.46 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-12

Tgt Ion:172 Resp: 1689872
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.6 21.2 31.8

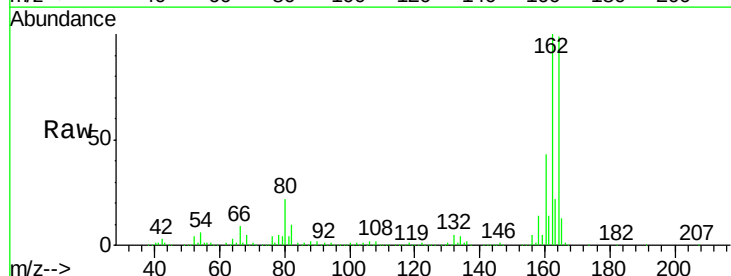


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

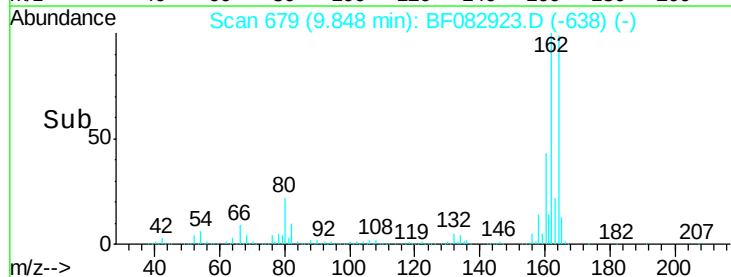
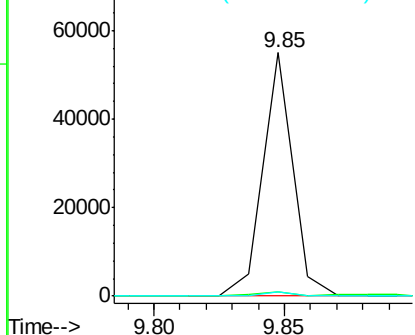


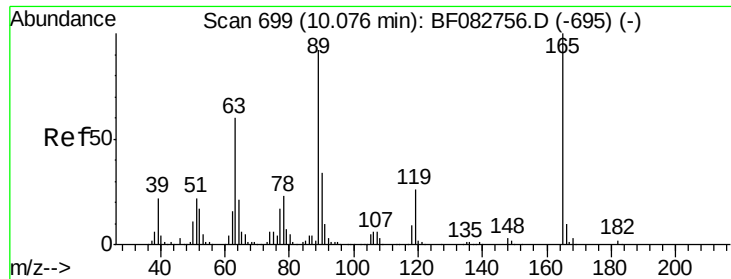
#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.17 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Tgt Ion:165 Resp: 44088
 Ion Ratio Lower Upper
 165 100
 63 1.7 55.5 83.3#
 89 2.0 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

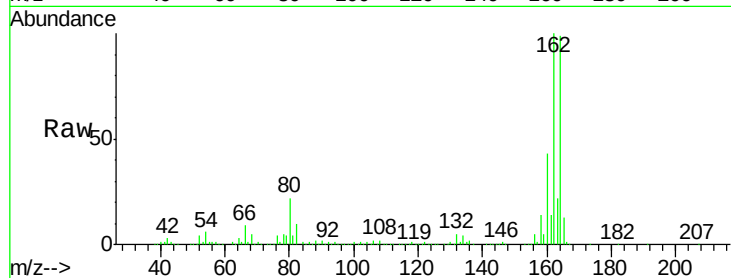




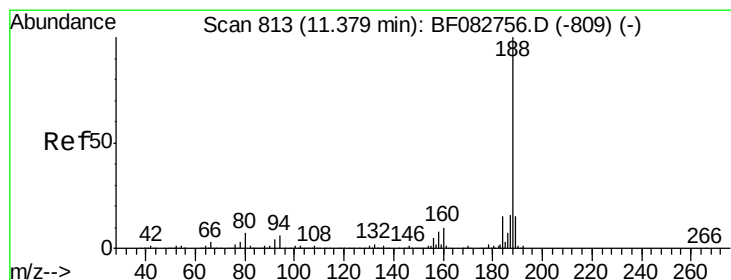
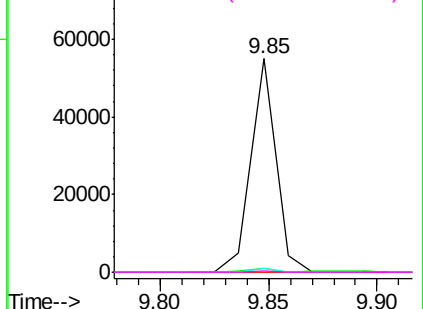
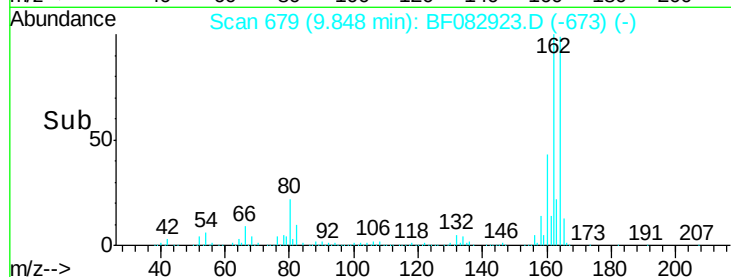
#56
 2,4-Dinitrotoluene
 Concen: 5.56 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-12

Tgt Ion:165 Resp: 44090
 Ion Ratio Lower Upper
 165 100
 63 1.7 43.4 65.0#
 89 2.0 70.6 106.0#
 182 0.7 1.5 2.3#

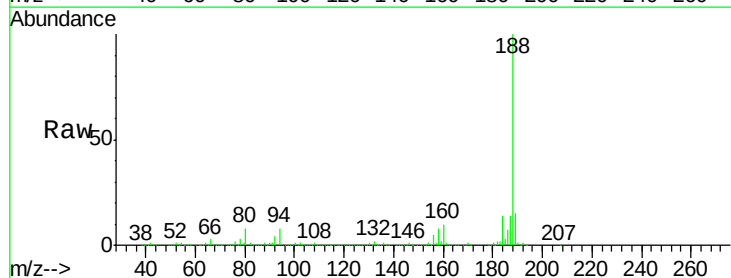


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

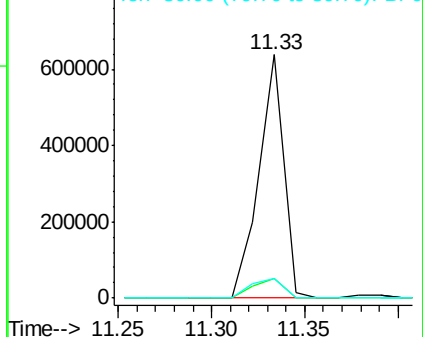
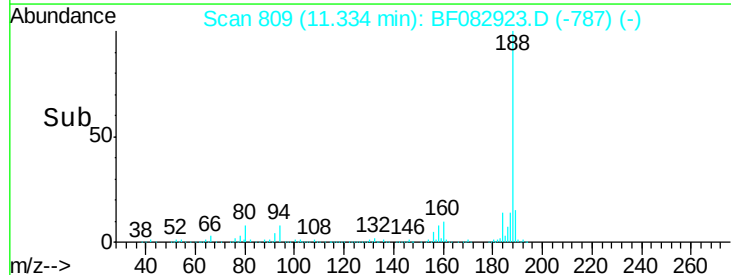


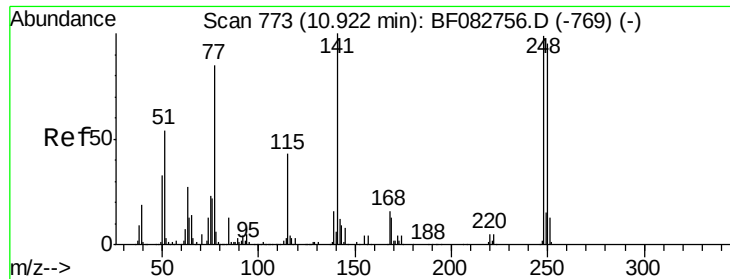
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF082923.D
 Acq: 14 Nov 2015 4:45

Tgt Ion:188 Resp: 585692
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.1 9.1
 80 8.3 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

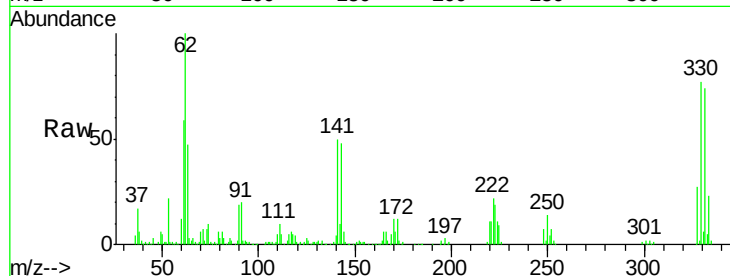




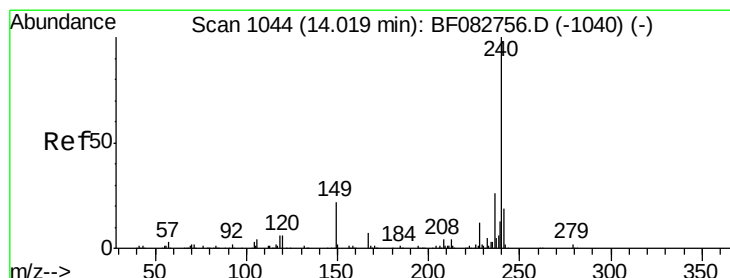
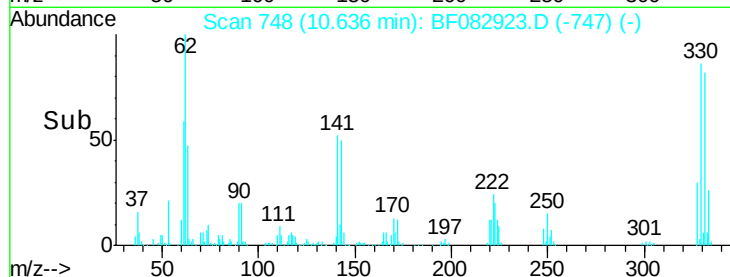
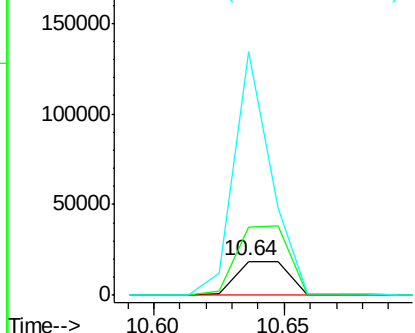
#66
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082923.D
Acq: 14 Nov 2015 4:45

Instrument :
BNA_F
ClientSampleId :
URS MW-12

Tgt Ion:248 Resp: 26473
Ion Ratio Lower Upper
248 100
250 200.3 79.4 119.2#
141 710.5 36.3 54.5#

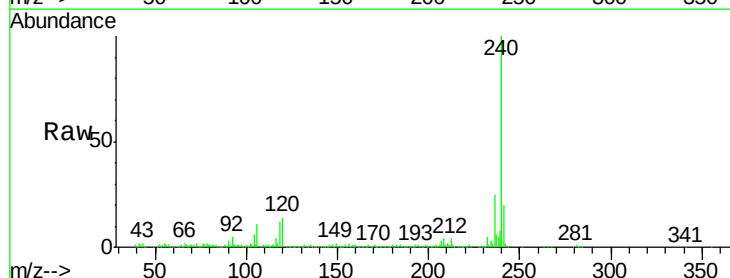


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

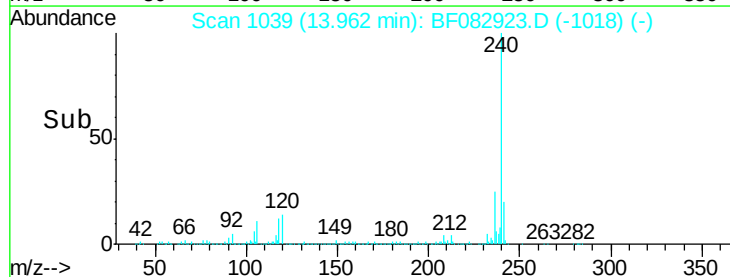
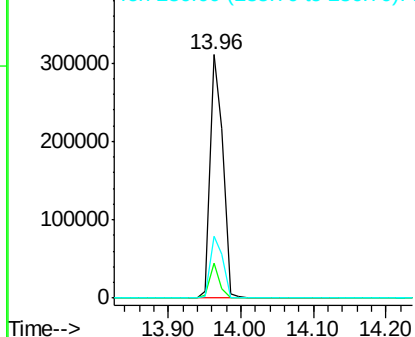


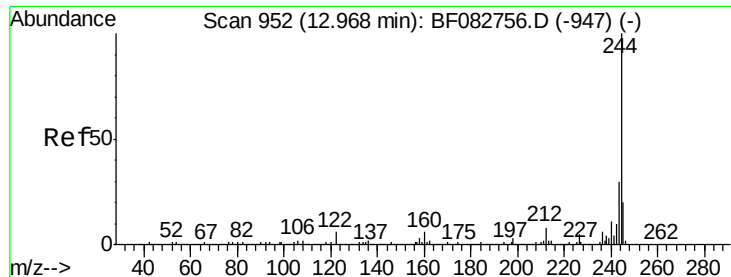
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082923.D
Acq: 14 Nov 2015 4:45

Tgt Ion:240 Resp: 375995
Ion Ratio Lower Upper
240 100
120 14.2 10.9 16.3
236 25.4 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: 87.51 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082923.D

Acq: 14 Nov 2015 4:45

Instrument :

BNA_F

ClientSampleId :

URS MW-12

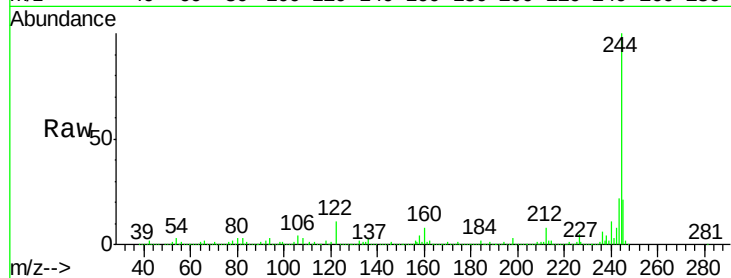
Tgt Ion:244 Resp: 1387289

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

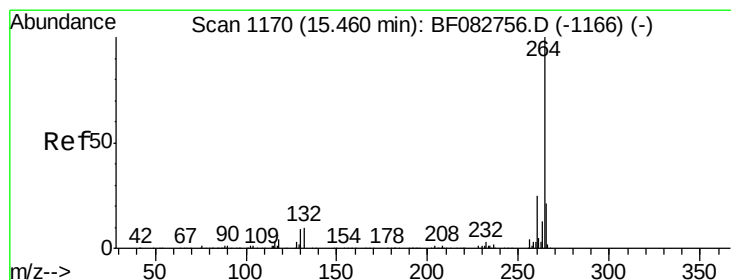
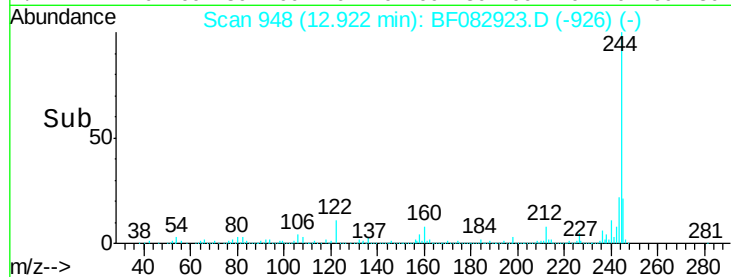
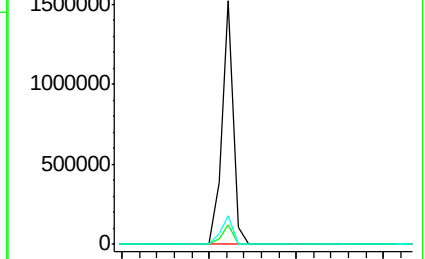
122 11.5 11.3 16.9



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: BF082923.D

Acq: 14 Nov 2015 4:45

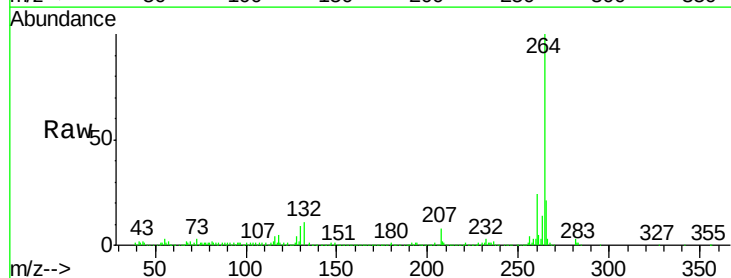
Tgt Ion:264 Resp: 401934

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.2 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

