

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082925.D
 Acq On : 14 Nov 2015 5:43
 Operator : UM/IZ
 Sample : G4383-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-08

Quant Time: Nov 16 00:15:00 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

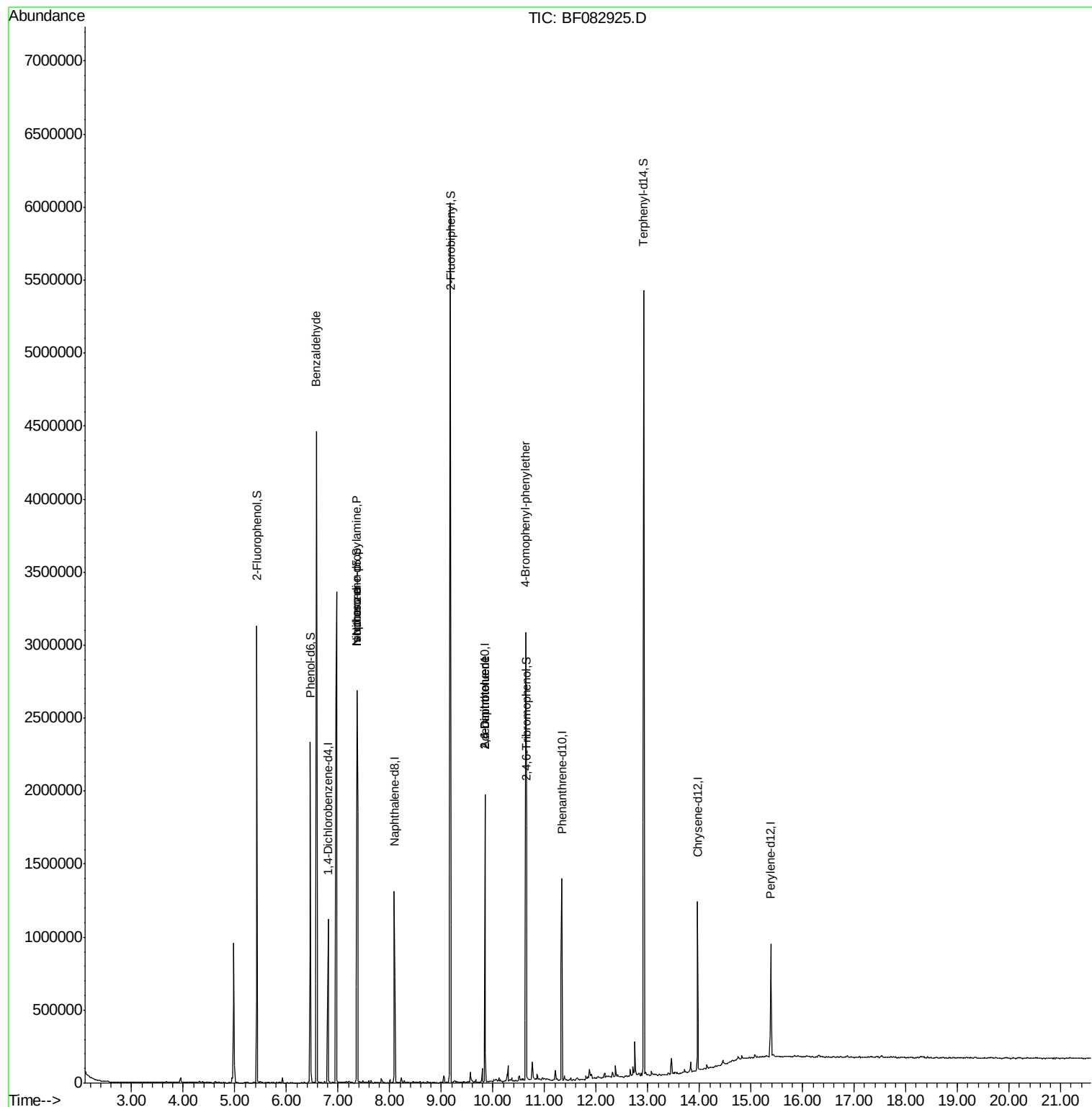
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	200450	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	690272	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	361698	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	611743	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	392848	20.00	ng	-0.06
86) Perylene-d12	15.38	264	393997	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	760003	58.99	ng	-0.02
7) Phenol-d6	6.46	99	810874	47.35	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1279544	80.66	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	459355	110.76	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1820180	72.12	ng	-0.05
78) Terphenyl-d14	12.92	244	1627411	98.25	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	29684	3.14	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.37	70	168664	13.40	ng	# 72
25) Isophorone	7.37	82	1271621	43.32	ng	# 69
50) 2,6-Dinitrotoluene	9.85	165	48267	7.63	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	48270	5.63	ng	# 15
66) 4-Bromophenyl-phenylether	10.64	248	29269	3.97	ng	# 1

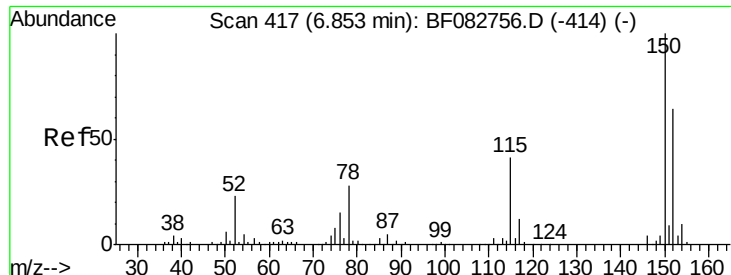
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

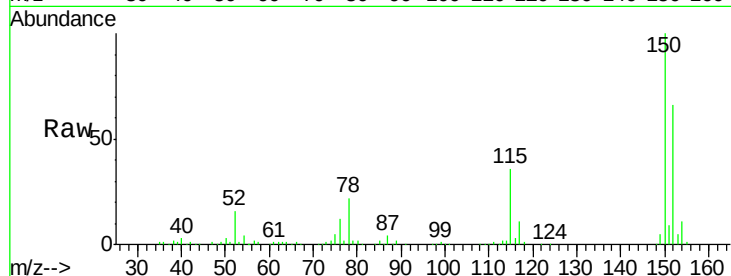
Tgt Ion:152 Resp: 200450

Ion Ratio Lower Upper

152 100

150 152.6 127.0 190.4

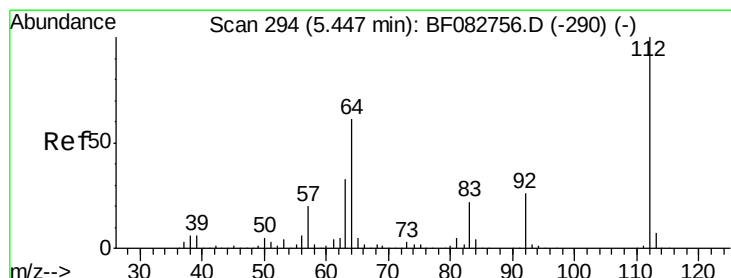
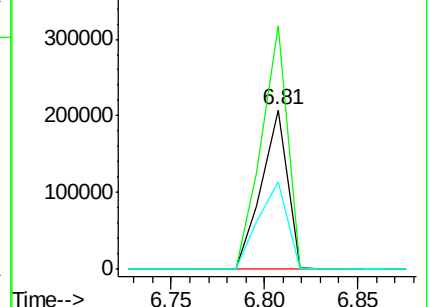
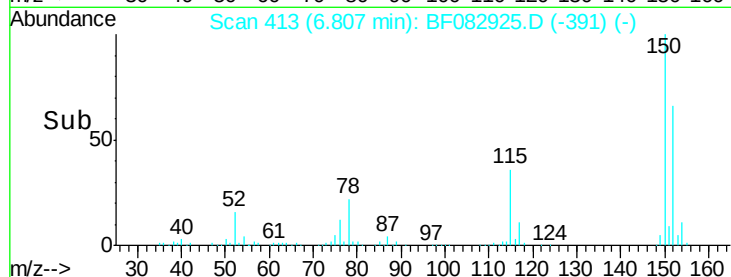
115 55.1 47.0 70.6



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: 58.99 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

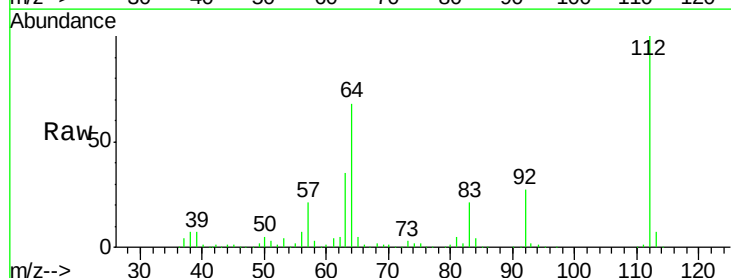
Tgt Ion:112 Resp: 760003

Ion Ratio Lower Upper

112 100

64 67.7 48.9 73.3

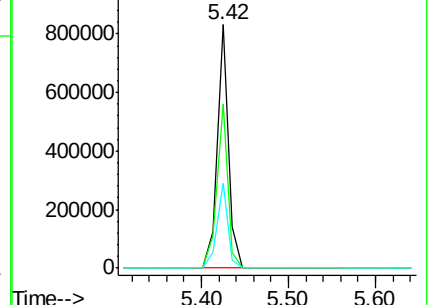
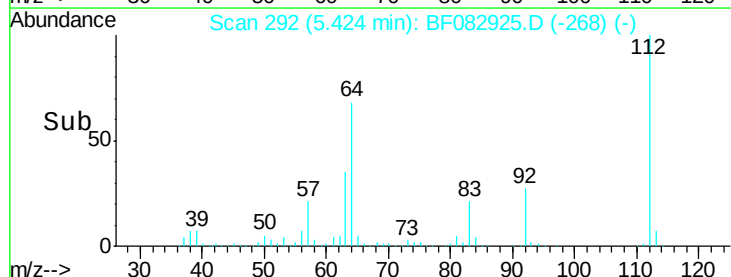
63 35.0 28.1 42.1

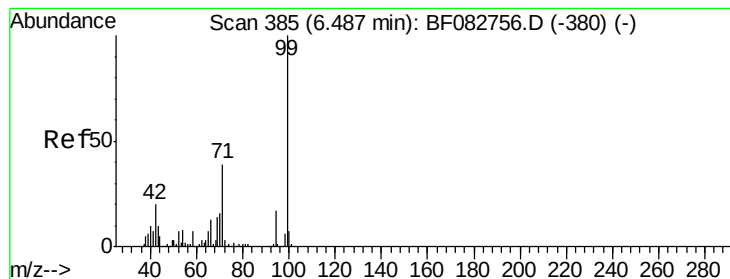


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.35 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

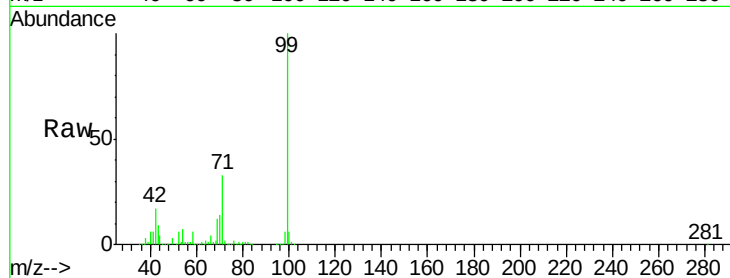
Tgt Ion: 99 Resp: 810874

Ion Ratio Lower Upper

99 100

42 17.0 19.2 28.8#

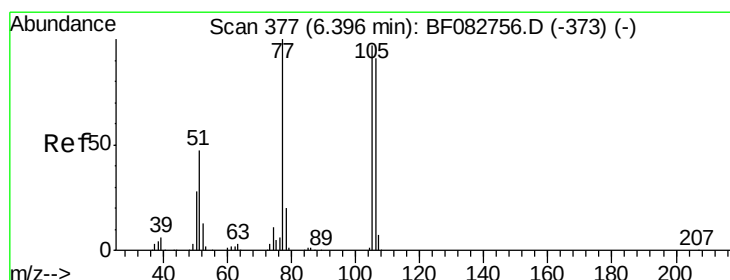
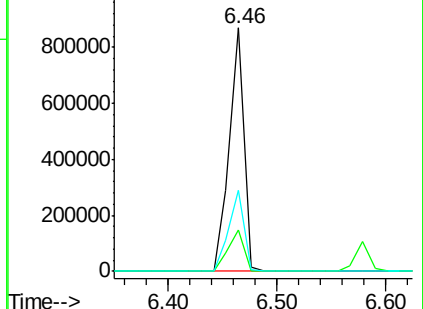
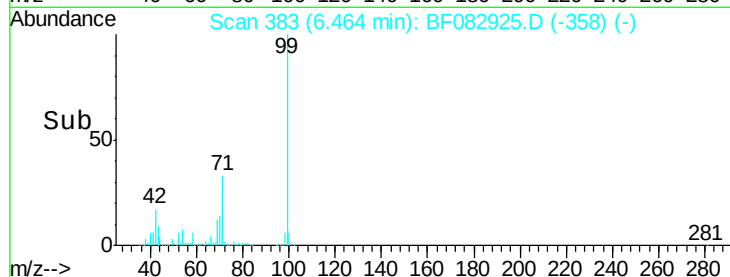
71 33.3 35.0 52.4#



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: 3.14 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

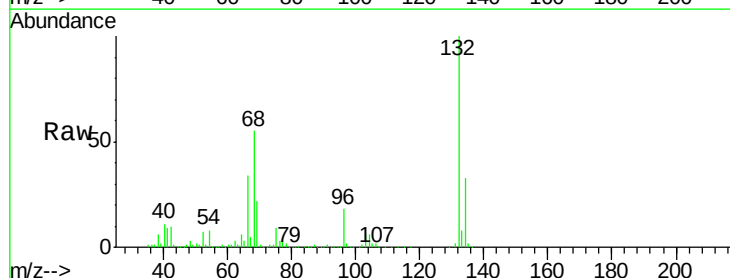
Tgt Ion: 77 Resp: 29684

Ion Ratio Lower Upper

77 100

105 68.9 63.5 103.5

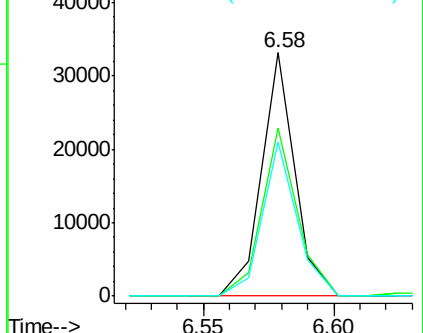
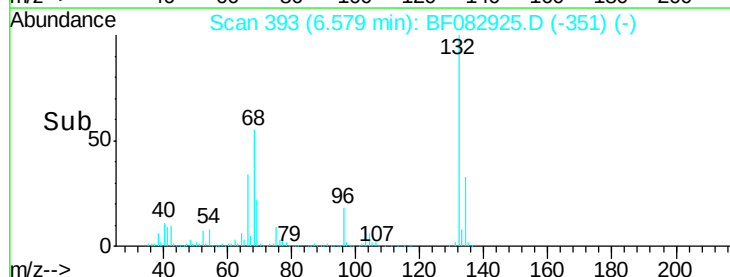
106 63.2 59.3 99.3

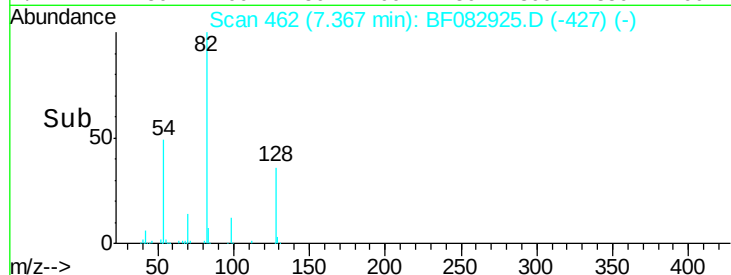
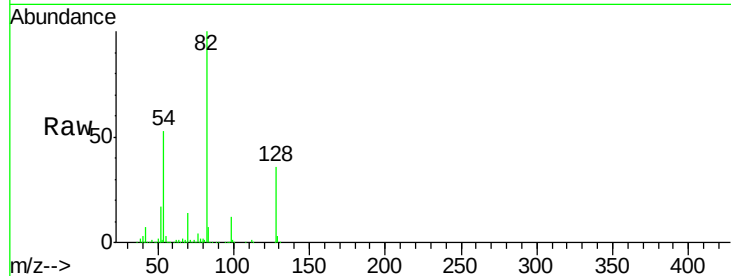
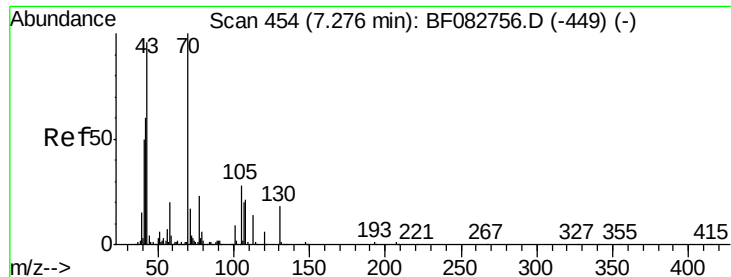


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

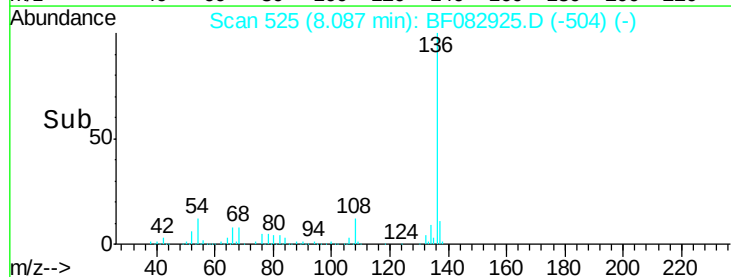
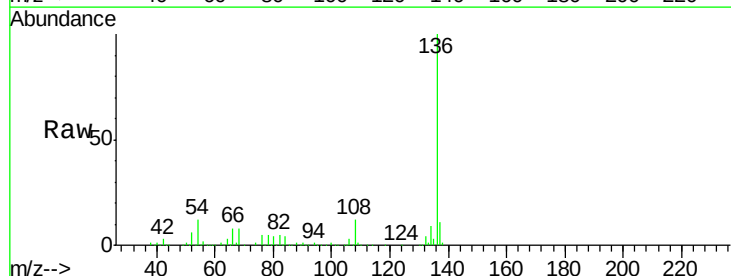
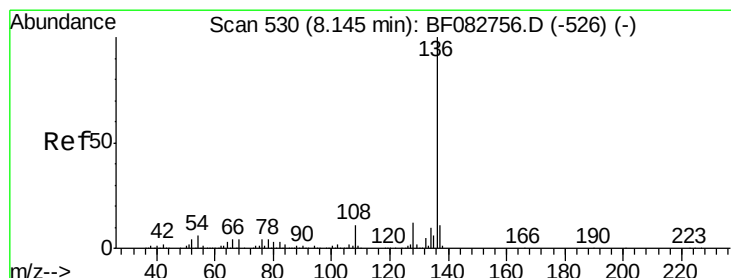
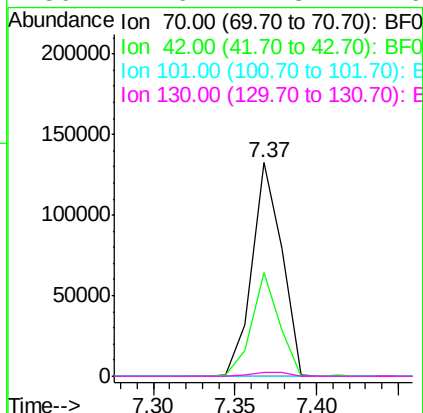




#19
n-Nitroso-di-n-propylamine
Concen: 13.40 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

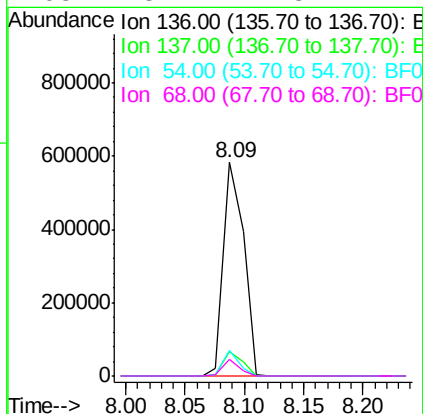
Instrument :
BNA_F
ClientSampleId :
URS-MW-08

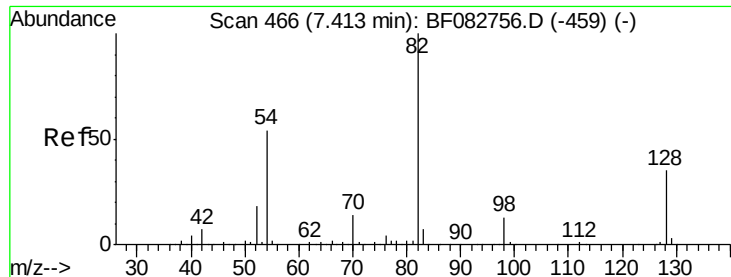
Tgt Ion:	70	Resp:	168664
Ion	Ratio	Lower	Upper
70	100		
42	48.6	57.7	86.5#
101	0.0	7.0	10.6#
130	1.6	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

Tgt Ion:	136	Resp:	690272
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.8	9.1	13.7
68	8.1	4.8	7.2#

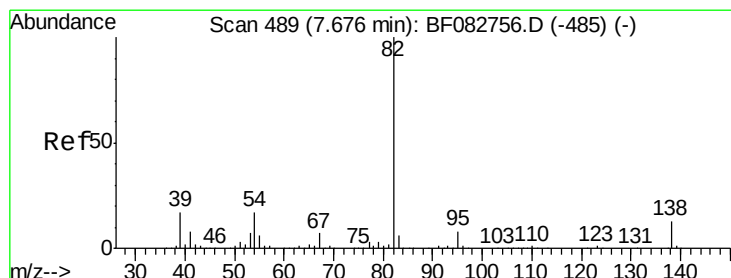
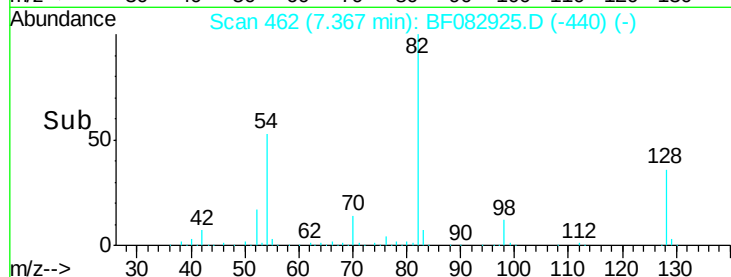
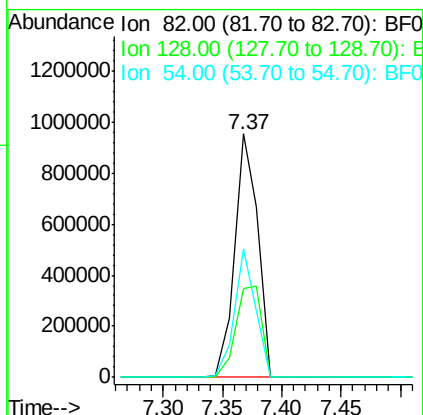
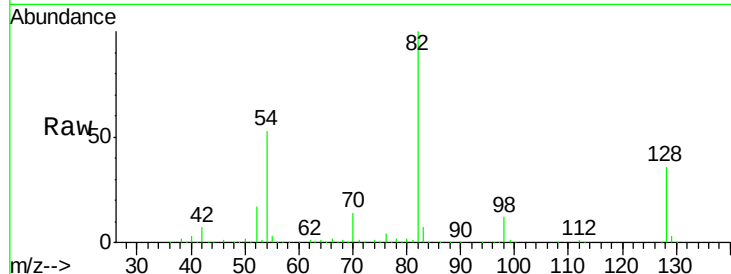




#23
 Nitrobenzene-d5
 Concen: 80.66 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082925.D
 Acq: 14 Nov 2015 5:43

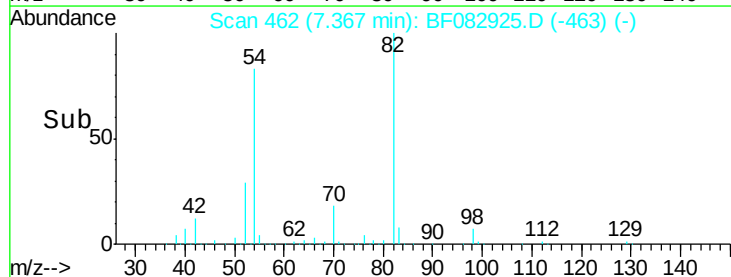
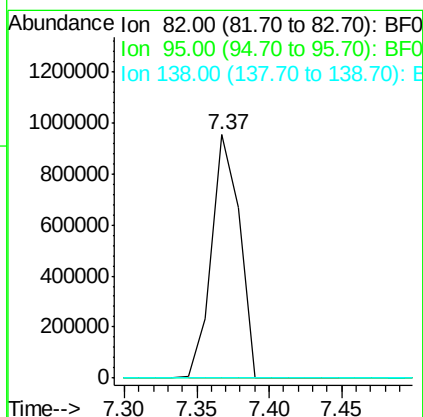
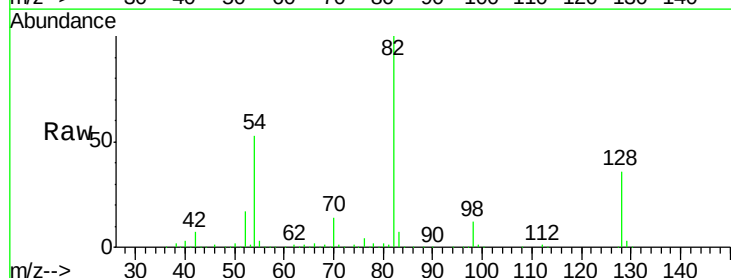
Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-08

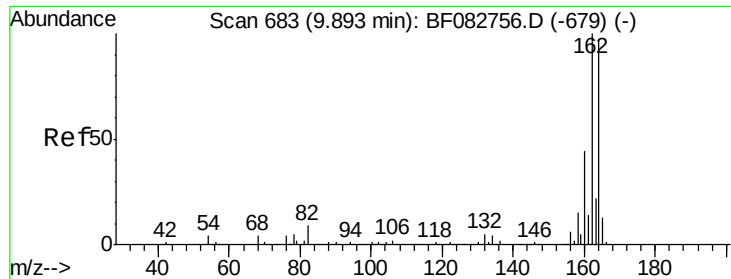
Tgt Ion: 82 Resp: 1279544
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 52.6 45.7 68.5



#25
 Isophorone
 Concen: 43.32 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082925.D
 Acq: 14 Nov 2015 5:43

Tgt Ion: 82 Resp: 1271621
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

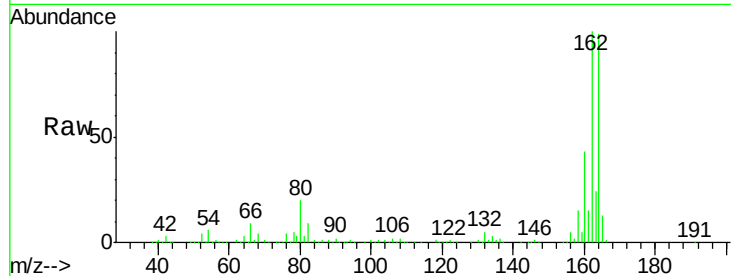
Tgt Ion:164 Resp: 361698

Ion Ratio Lower Upper

164 100

162 101.1 84.9 127.3

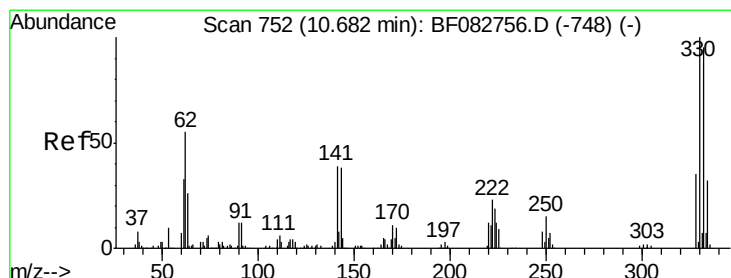
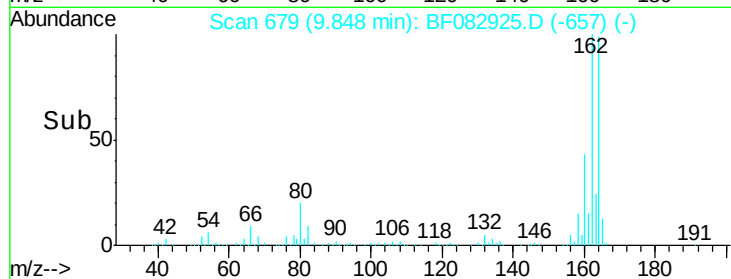
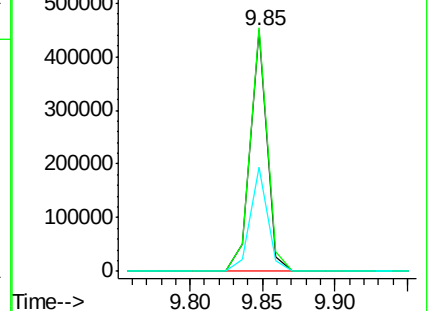
160 43.3 37.5 56.3



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: 110.76 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

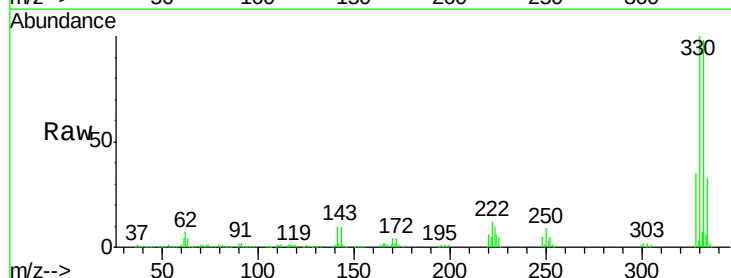
Tgt Ion:330 Resp: 459355

Ion Ratio Lower Upper

330 100

332 97.7 76.6 114.8

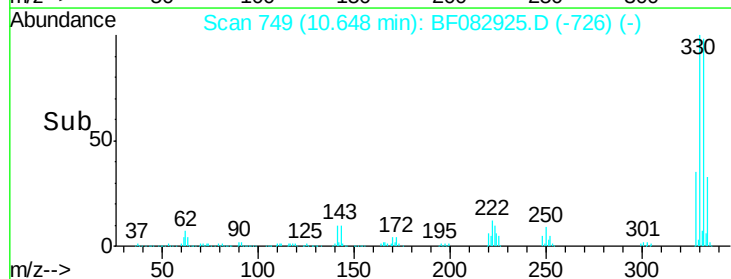
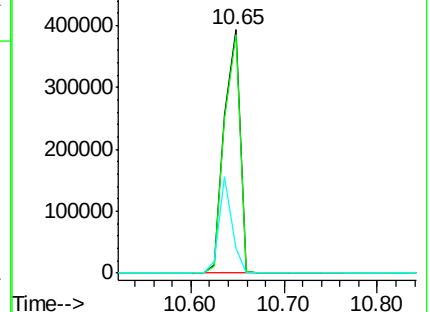
141 32.6 41.2 61.8#

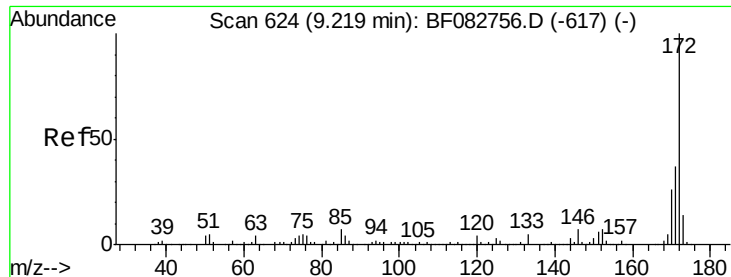


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

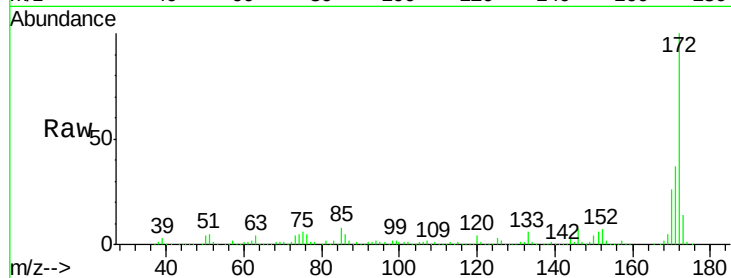




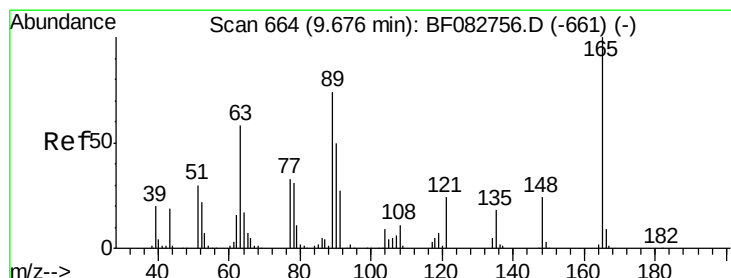
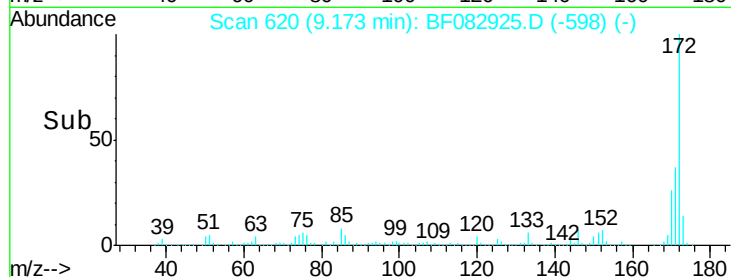
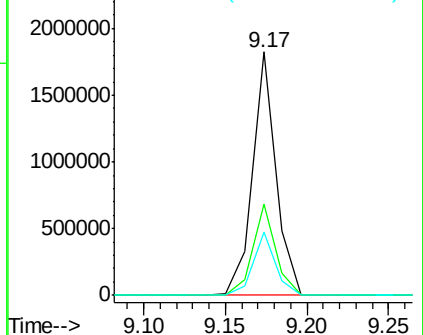
#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082925.D
 Acq: 14 Nov 2015 5:43

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-08

Tgt Ion:172 Resp: 1820180
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.7 21.2 31.8

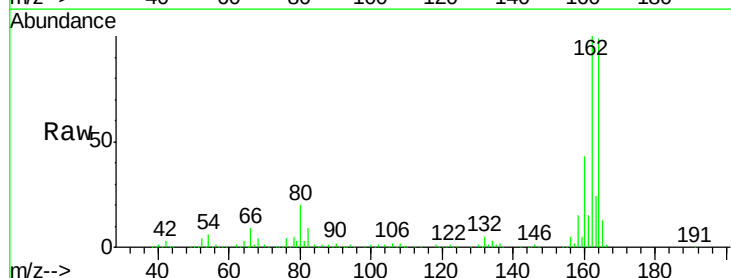


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

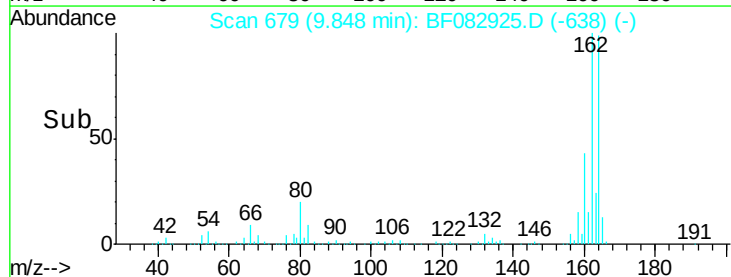
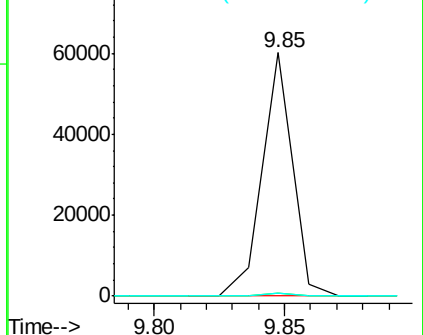


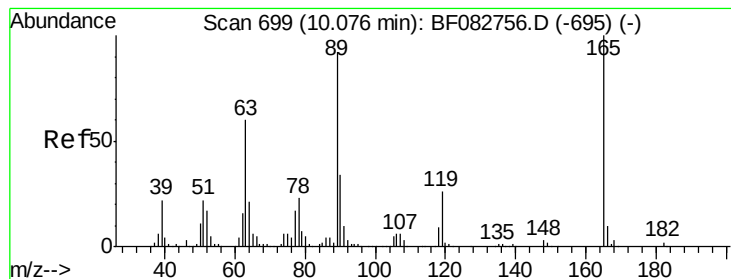
#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.17 min
 Lab File: BF082925.D
 Acq: 14 Nov 2015 5:43

Tgt Ion:165 Resp: 48267
 Ion Ratio Lower Upper
 165 100
 63 1.3 55.5 83.3#
 89 1.1 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: 5.63 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.23 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

Tgt Ion:165 Resp: 48270

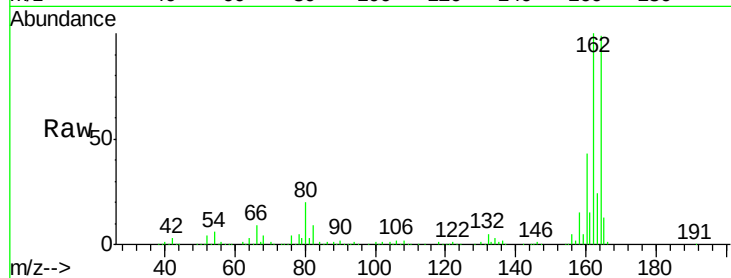
Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

89 1.1 70.6 106.0#

182 0.0 1.5 2.3#

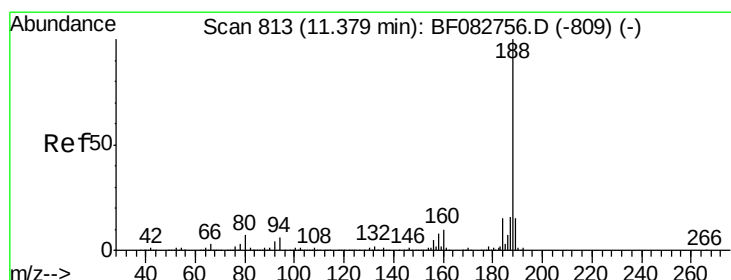
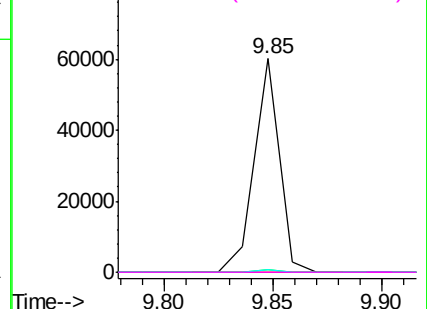
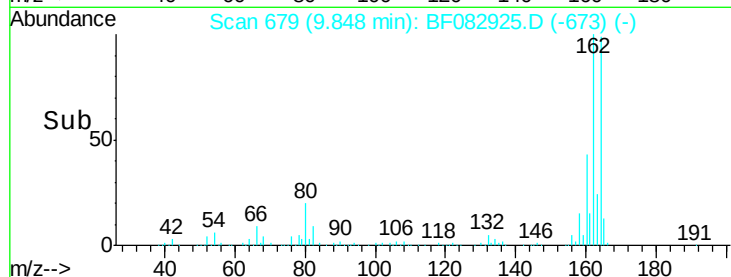


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082925.D

Acq: 14 Nov 2015 5:43

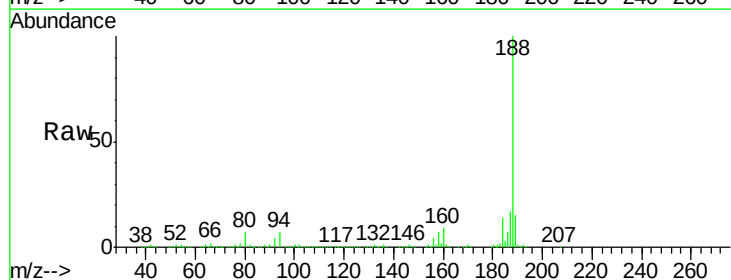
Tgt Ion:188 Resp: 611743

Ion Ratio Lower Upper

188 100

94 6.5 6.1 9.1

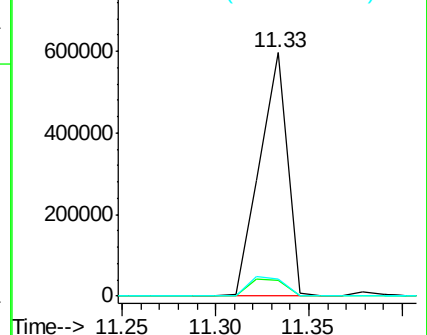
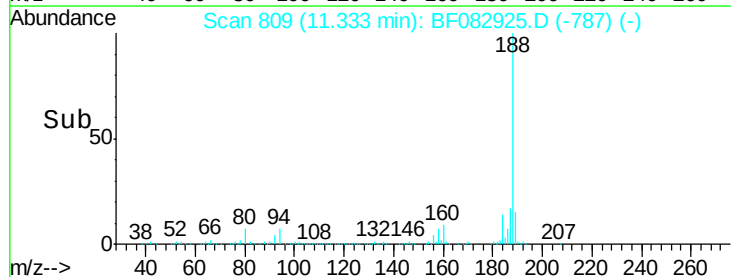
80 7.1 7.0 10.6

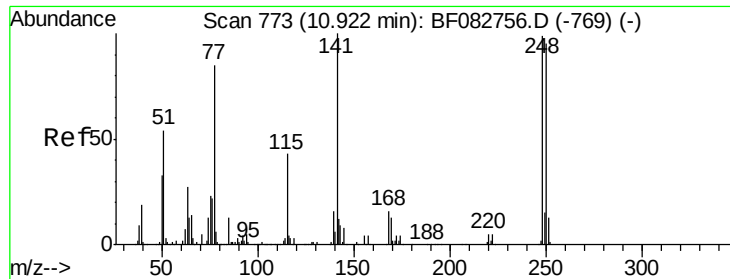


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

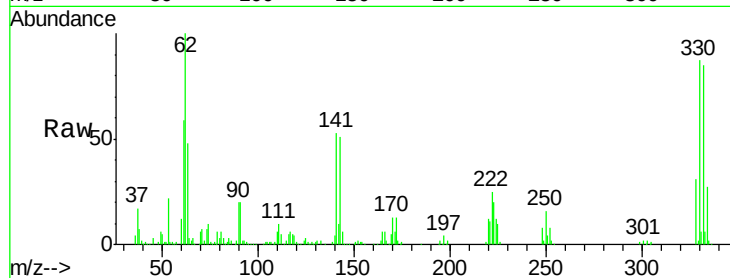




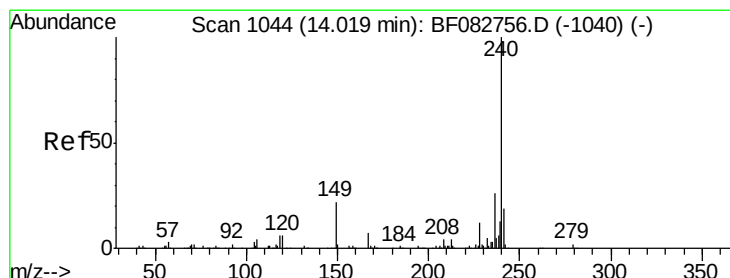
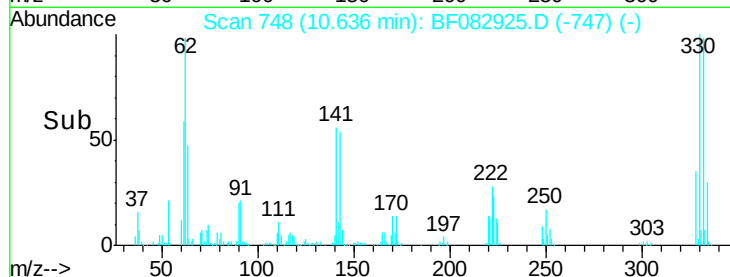
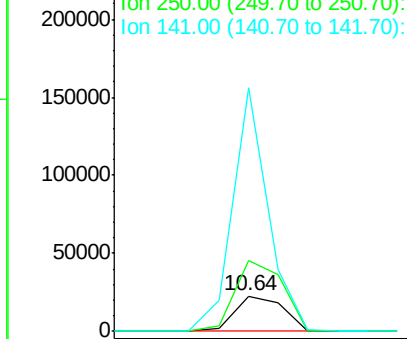
#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

Instrument :
BNA_F
ClientSampleId :
URS-MW-08

Tgt Ion:248 Resp: 29269
Ion Ratio Lower Upper
248 100
250 200.5 79.4 119.2#
141 684.4 36.3 54.5#

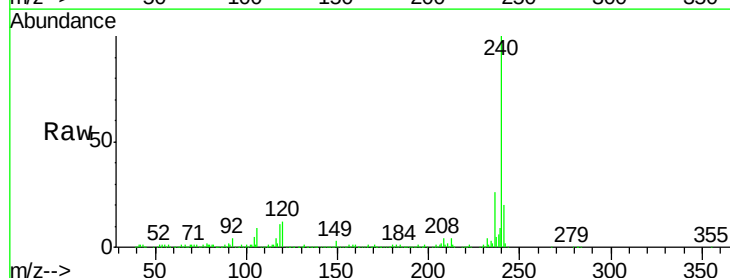


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

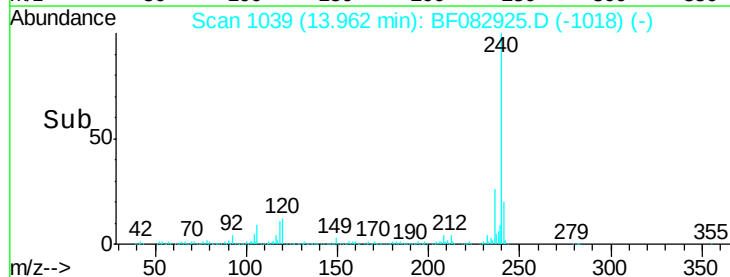
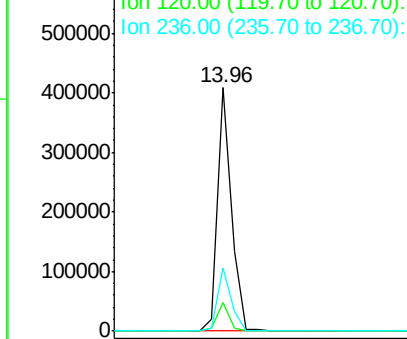


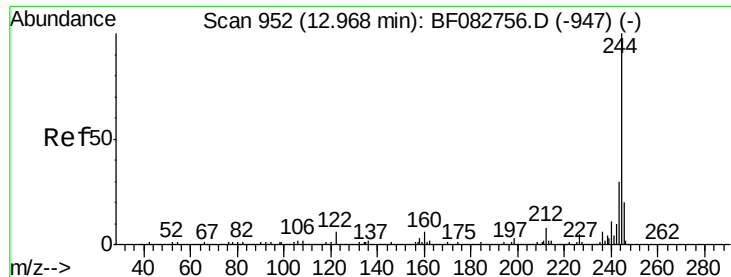
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082925.D
Acq: 14 Nov 2015 5:43

Tgt Ion:240 Resp: 392848
Ion Ratio Lower Upper
240 100
120 11.8 10.9 16.3
236 26.0 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: 98.25 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082925.D

Acq: 14 Nov 2015 5:43

Instrument :

BNA_F

ClientSampleId :

URS-MW-08

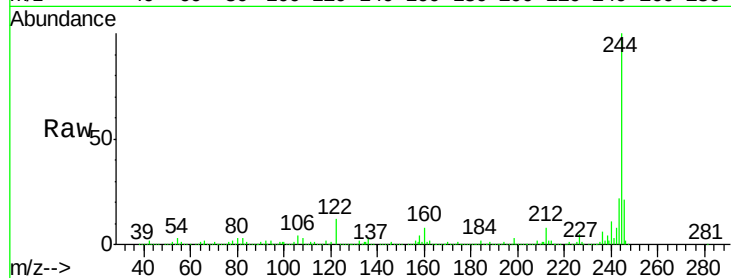
Tgt Ion:244 Resp: 1627411

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

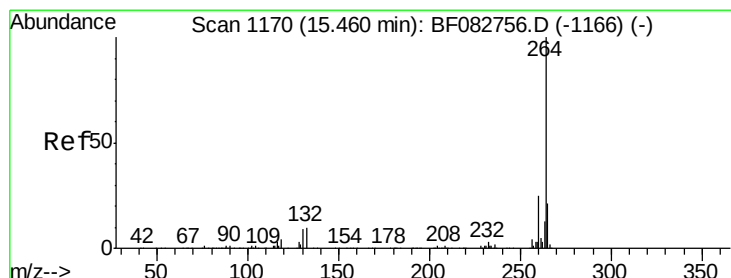
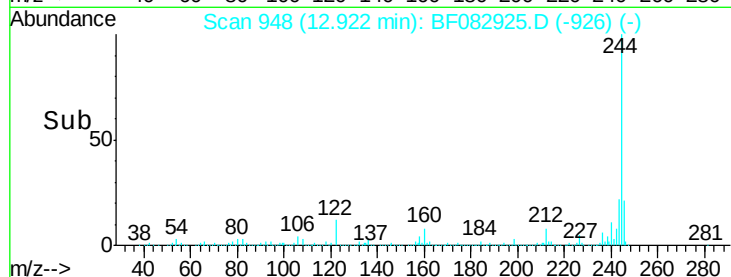
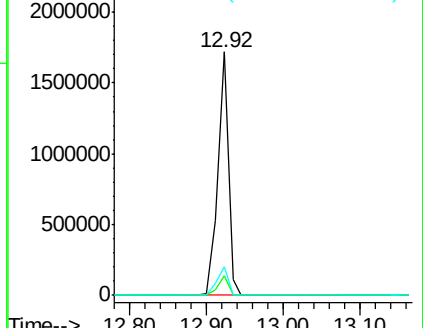
122 11.8 11.3 16.9



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: BF082925.D

Acq: 14 Nov 2015 5:43

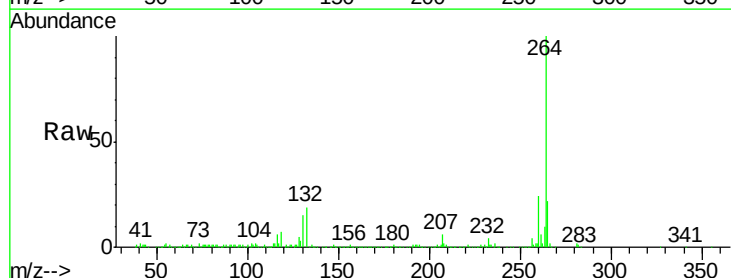
Tgt Ion:264 Resp: 393997

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.1 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

