

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082920.D
 Acq On : 14 Nov 2015 3:17
 Operator : UM/IZ
 Sample : G4382-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-13

Quant Time: Nov 14 04:24:07 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

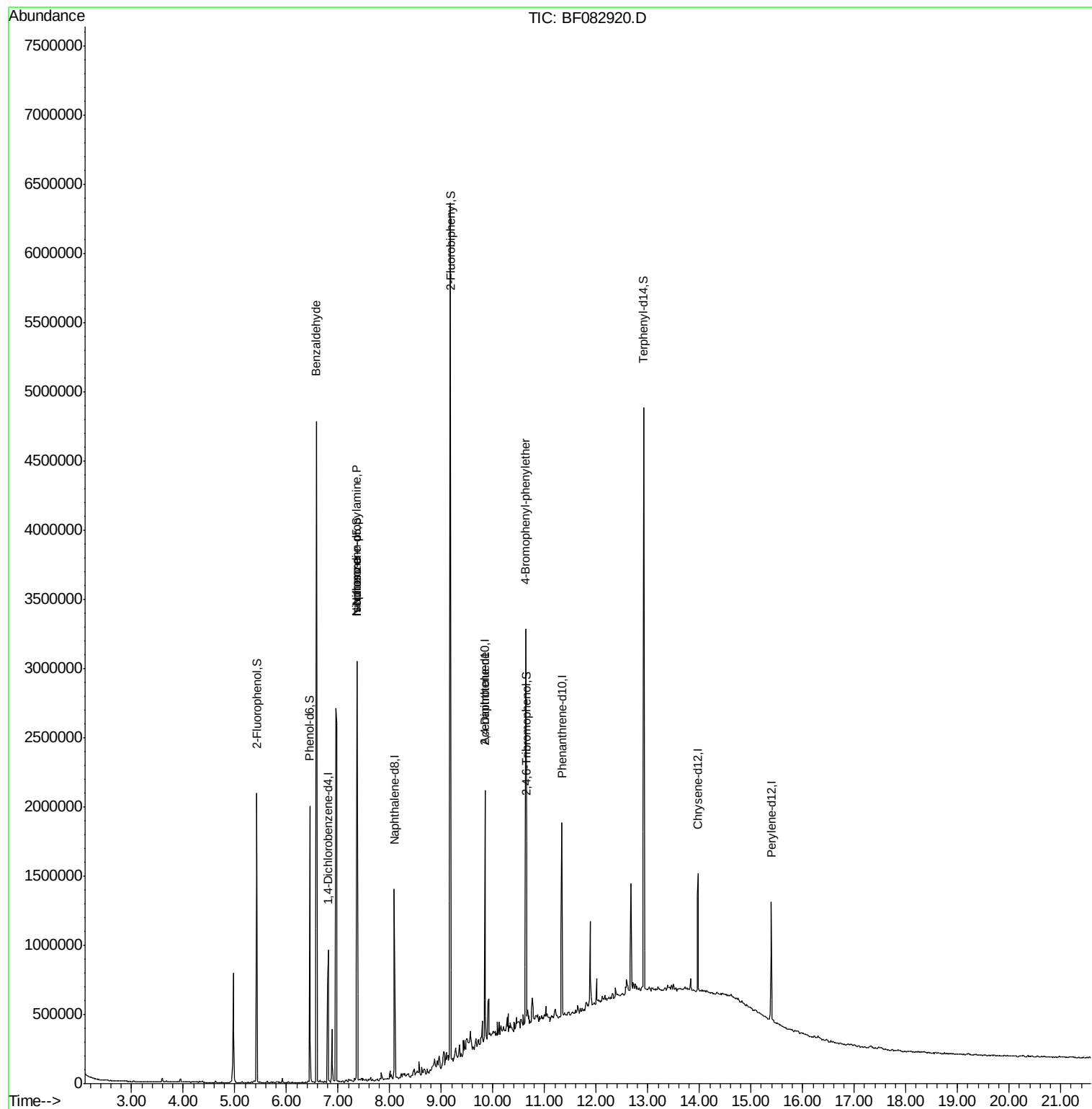
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	190954	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	670118	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	338503	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	568379	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	409063	20.00	ng	-0.05
86) Perylene-d12	15.39	264	419649	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	717106	58.43	ng	-0.02
7) Phenol-d6	6.45	99	592618	36.32	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1098319	71.32	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	405367	104.44	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1761668	74.59	ng	-0.05
78) Terphenyl-d14	12.92	244	1291167	74.86	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	29895	3.32	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.37	70	147088	12.26	ng	# 71
25) Isophorone	7.37	82	1088152	38.19	ng	# 69
56) 2,4-Dinitrotoluene	9.85	165	46198	5.75	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	27418	4.01	ng	# 1

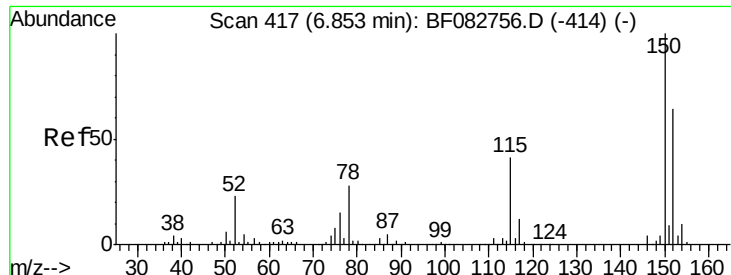
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

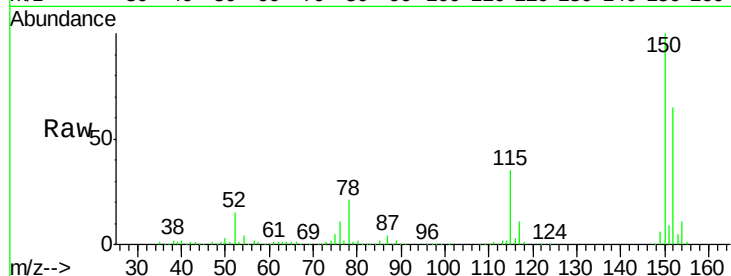
Tgt Ion:152 Resp: 190954

Ion Ratio Lower Upper

152 100

150 153.5 127.0 190.4

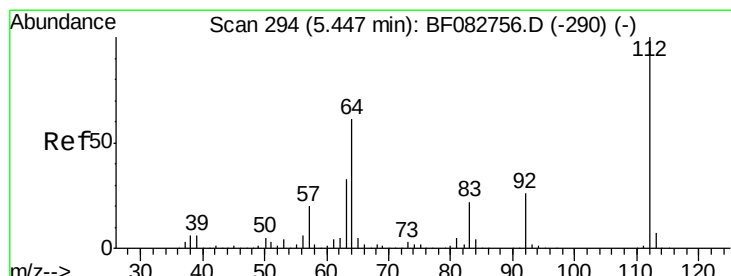
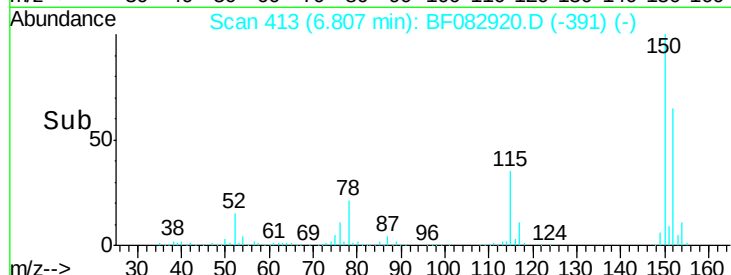
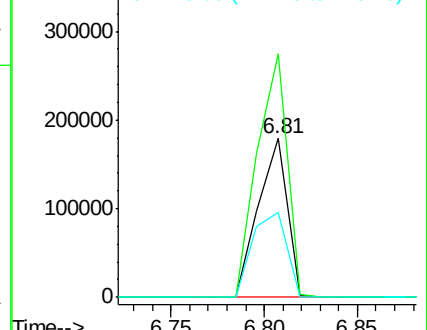
115 53.7 47.0 70.6



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: 58.43 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

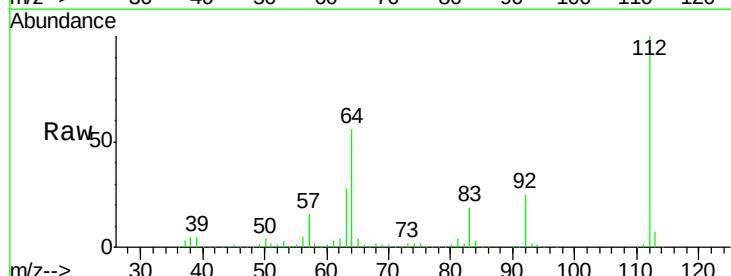
Tgt Ion:112 Resp: 717106

Ion Ratio Lower Upper

112 100

64 55.8 48.9 73.3

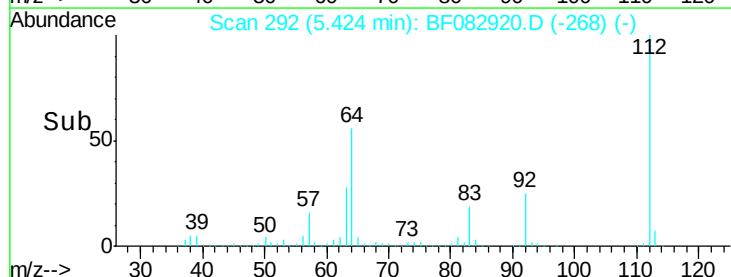
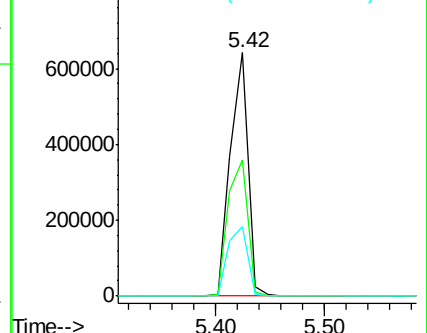
63 28.5 28.1 42.1

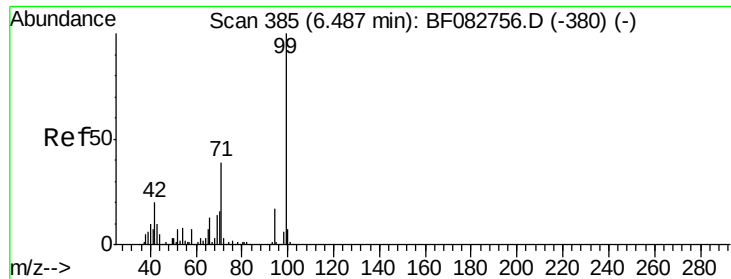


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.32 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

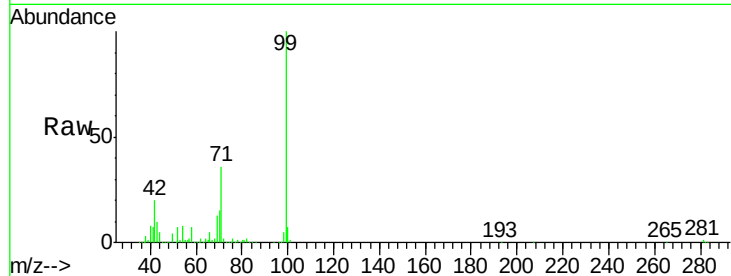
Tgt Ion: 99 Resp: 592618

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

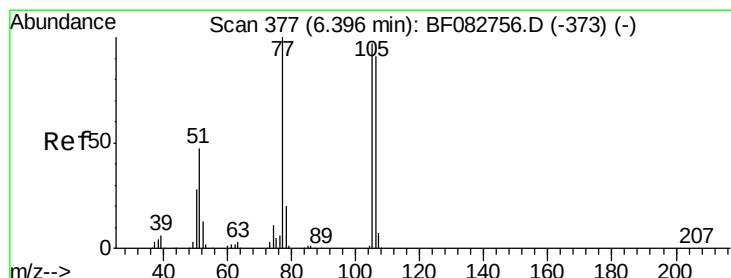
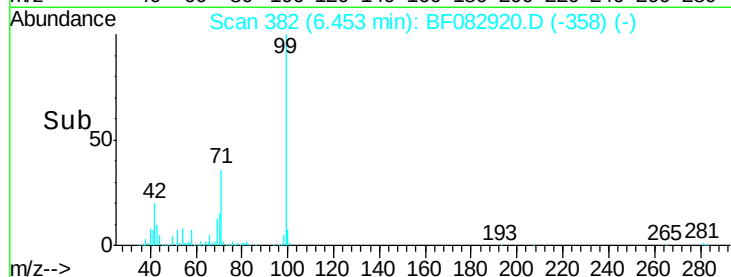
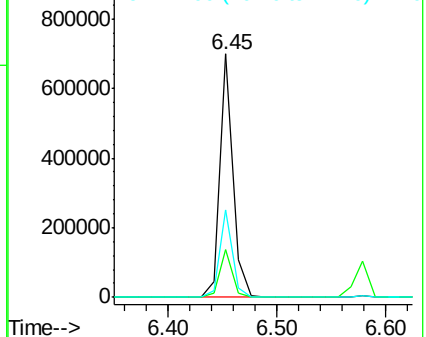
71 36.1 35.0 52.4



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: 3.32 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

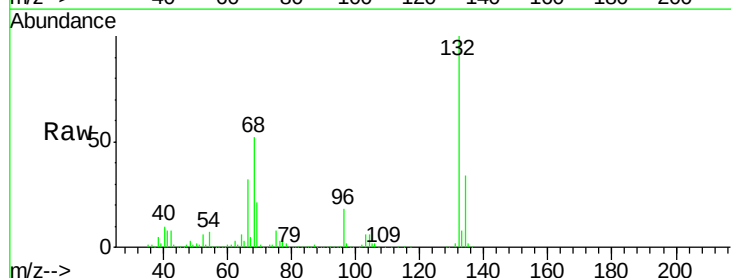
Tgt Ion: 77 Resp: 29895

Ion Ratio Lower Upper

77 100

105 76.5 63.5 103.5

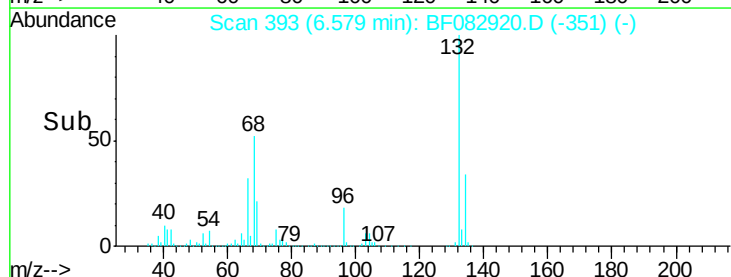
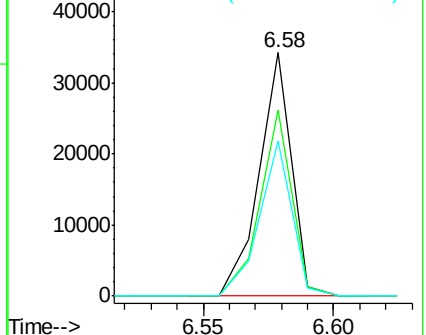
106 63.7 59.3 99.3

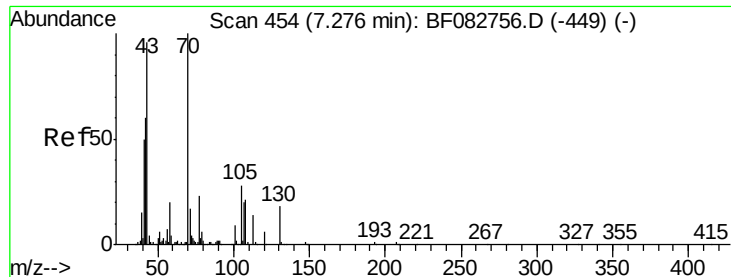


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

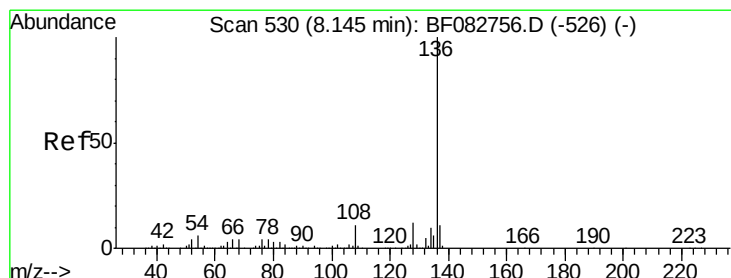
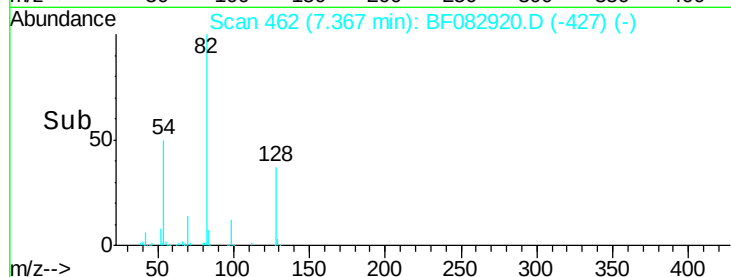
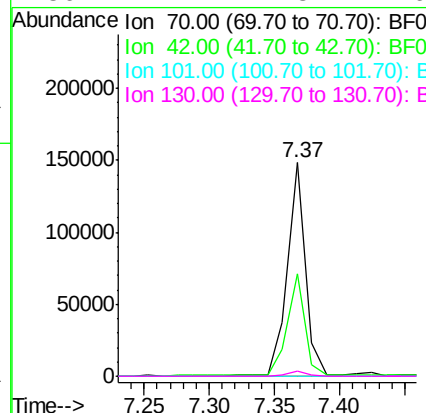
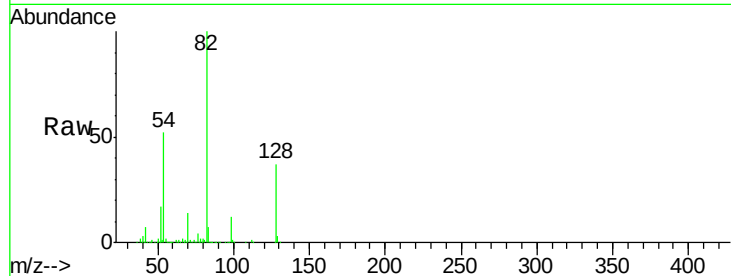




#19
n-Nitroso-di-n-propylamine
Concen: 12.26 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082920.D
Acq: 14 Nov 2015 3:17

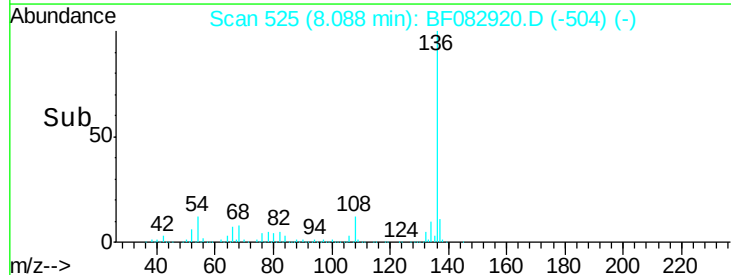
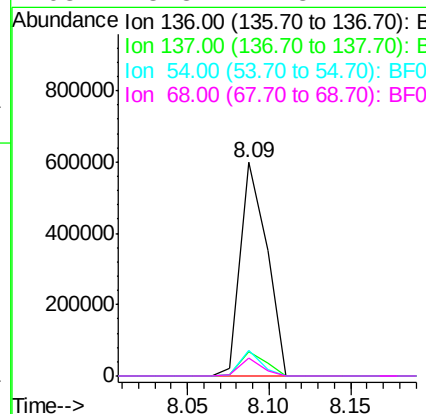
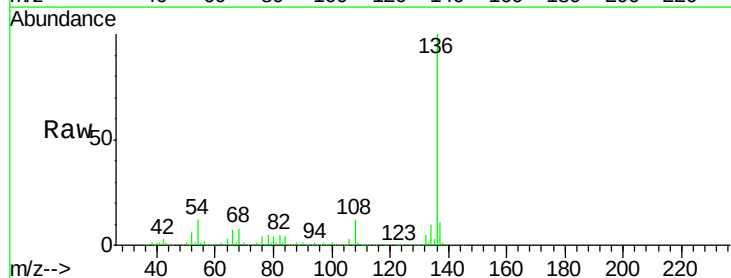
Instrument :
BNA_F
ClientSampleId :
URS MW-13

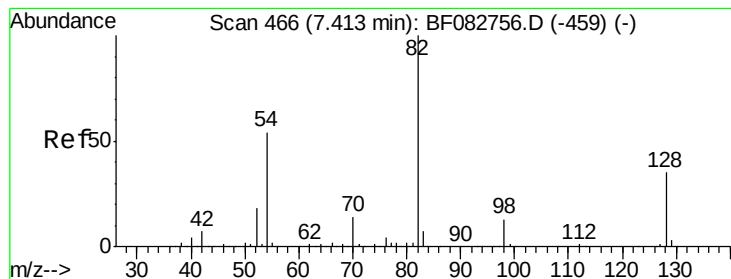
Tgt Ion: 70 Resp: 147088
Ion Ratio Lower Upper
70 100
42 47.8 57.7 86.5#
101 0.0 7.0 10.6#
130 2.2 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082920.D
Acq: 14 Nov 2015 3:17

Tgt Ion: 136 Resp: 670118
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.8 9.1 13.7
68 8.3 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 71.32 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

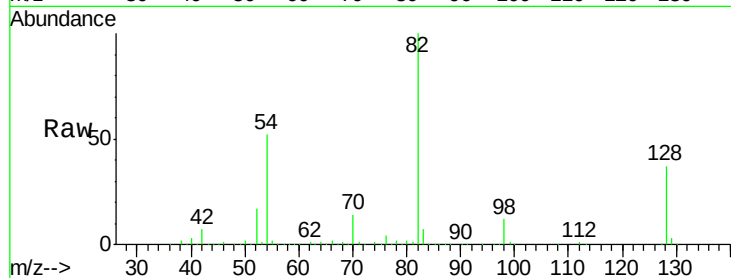
Tgt Ion: 82 Resp: 1098319

Ion Ratio Lower Upper

82 100

128 36.9 26.8 40.2

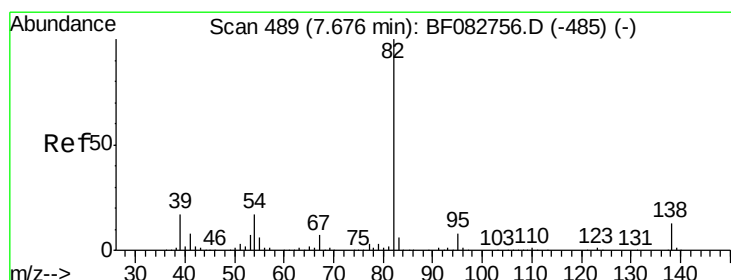
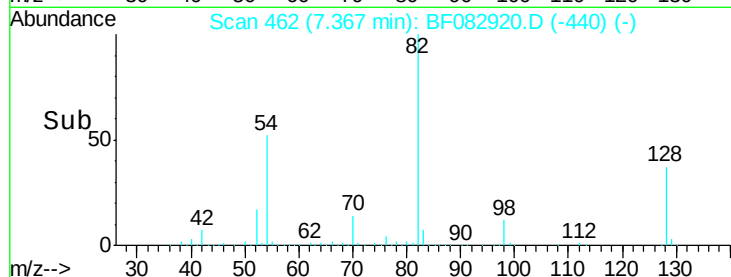
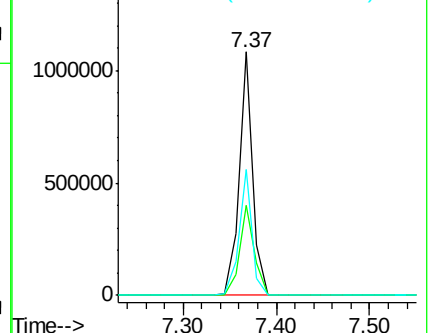
54 51.7 45.7 68.5



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: 38.19 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

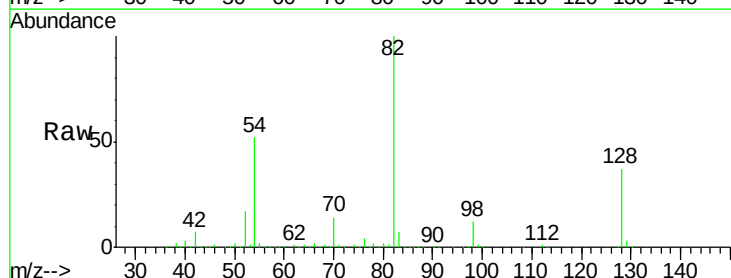
Tgt Ion: 82 Resp: 1088152

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

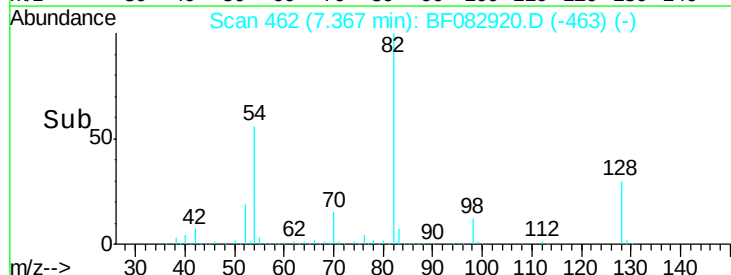
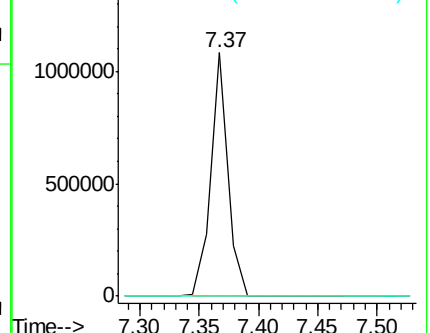
138 0.0 11.4 17.0#

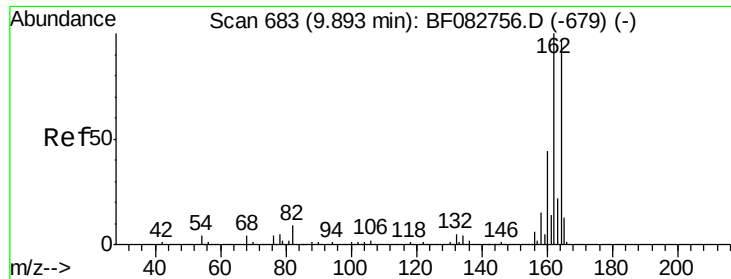


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

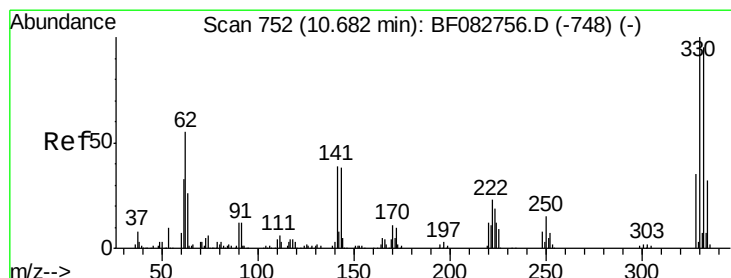
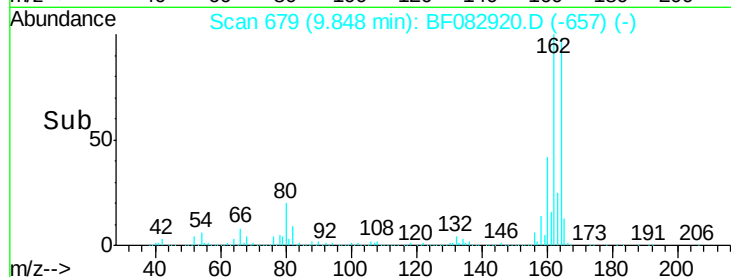
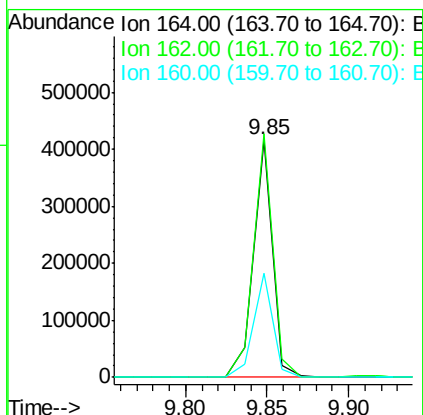
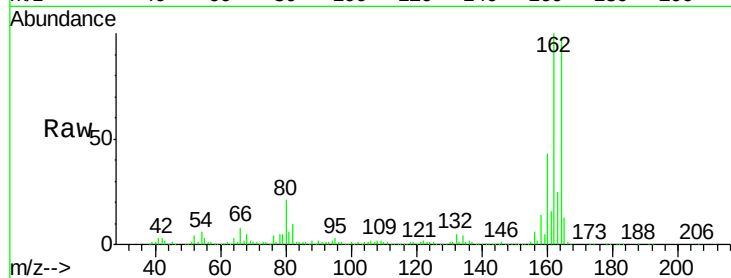




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

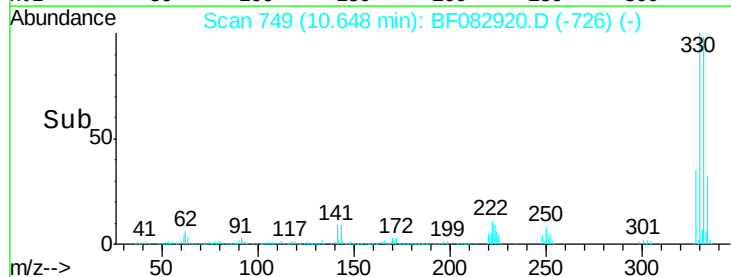
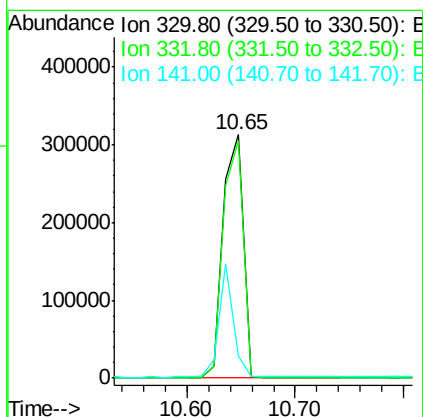
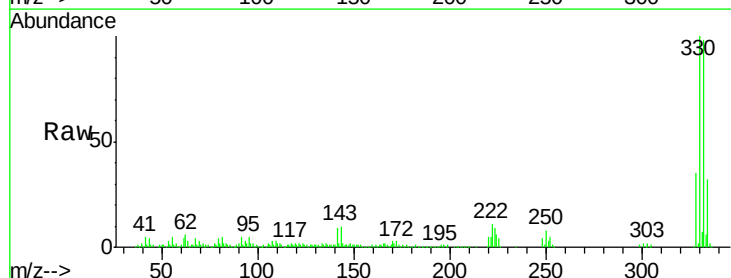
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-13

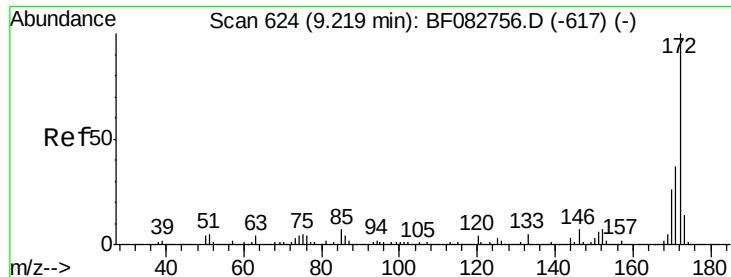
Tgt Ion:164 Resp: 338503
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.9 127.3
 160 43.9 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 104.44 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Tgt Ion:330 Resp: 405367
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 33.4 41.2 61.8#

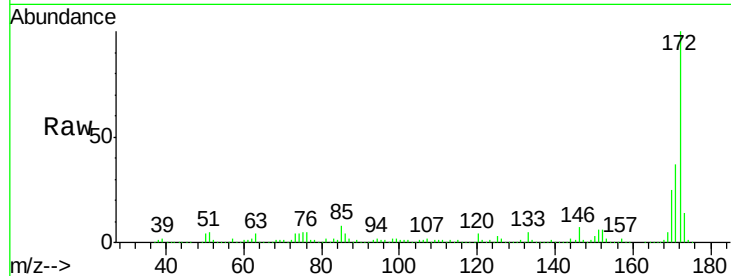




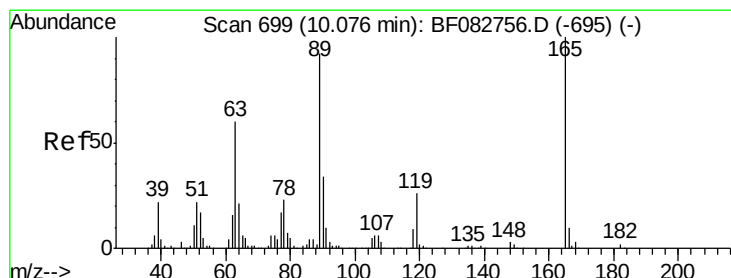
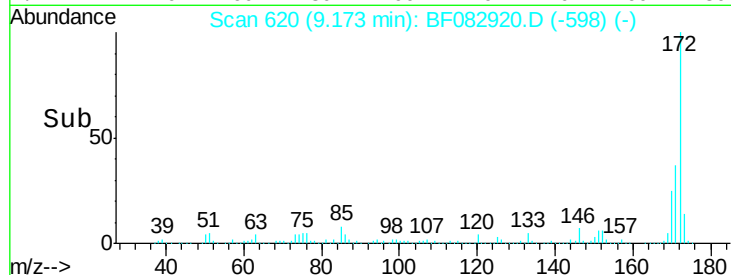
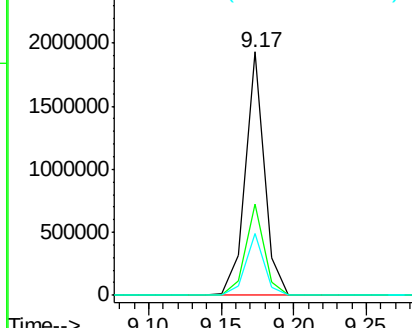
#44
 2-Fluorobiphenyl
 Concen: 74.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-13

Tgt Ion:172 Resp: 1761668
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.2 21.2 31.8

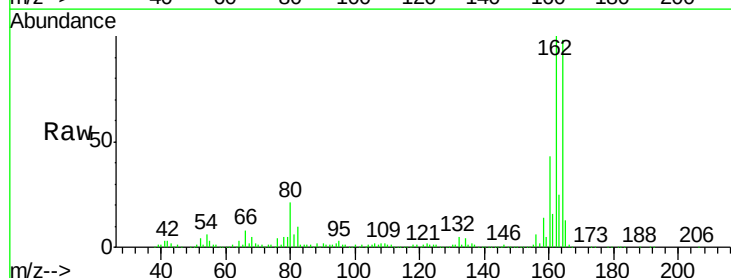


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

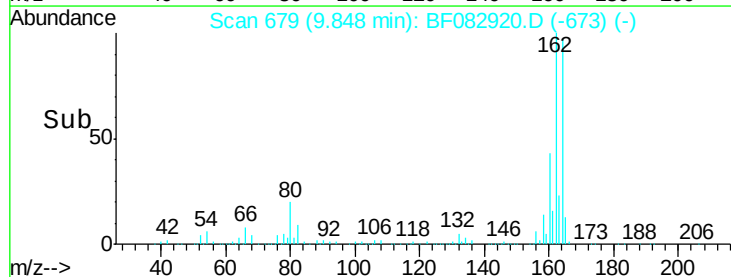
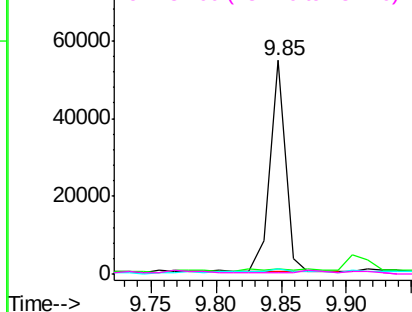


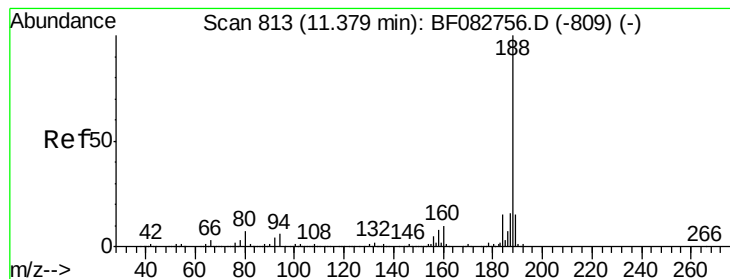
#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Tgt Ion:165 Resp: 46198
 Ion Ratio Lower Upper
 165 100
 63 2.4 43.4 65.0#
 89 2.2 70.6 106.0#
 182 0.8 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: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

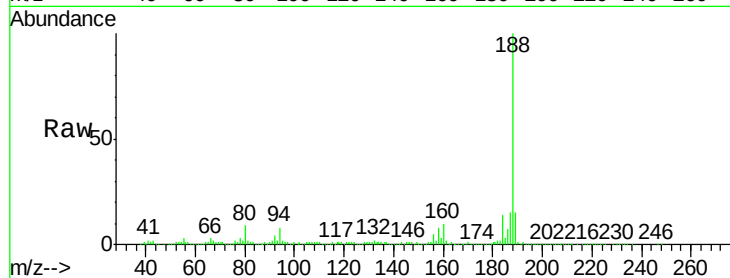
Tgt Ion:188 Resp: 568379

Ion Ratio Lower Upper

188 100

94 8.0 6.1 9.1

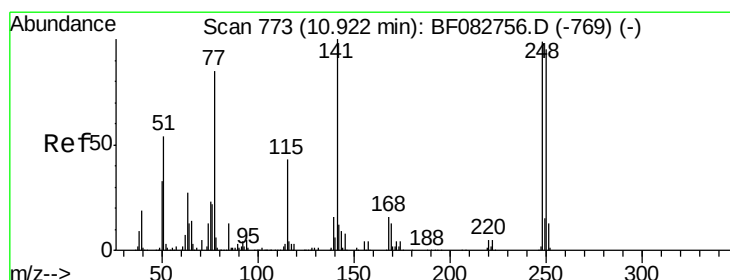
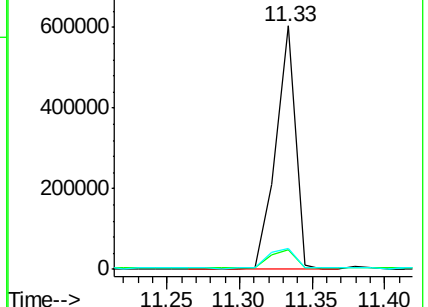
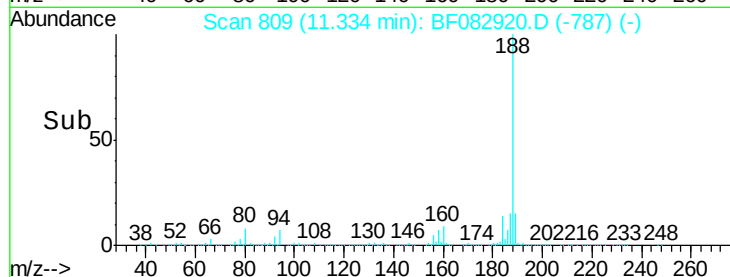
80 8.6 7.0 10.6



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: 4.01 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

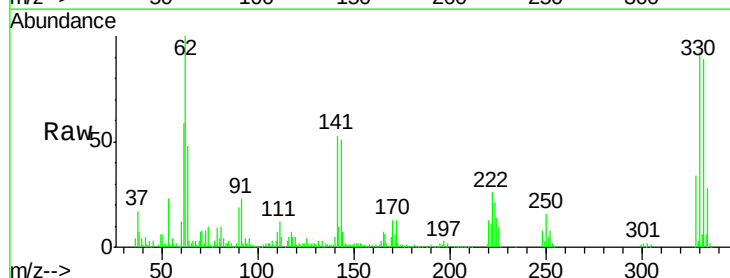
Tgt Ion:248 Resp: 27418

Ion Ratio Lower Upper

248 100

250 184.4 79.4 119.2#

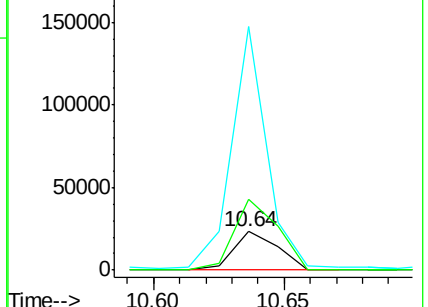
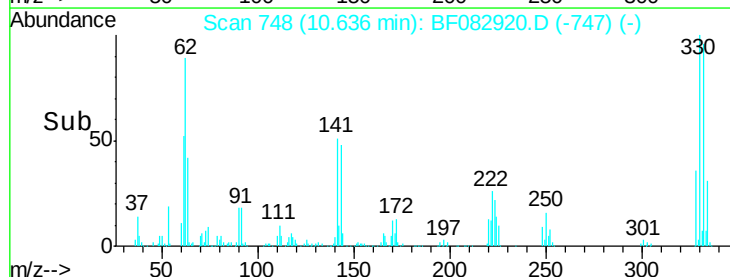
141 631.2 36.3 54.5#

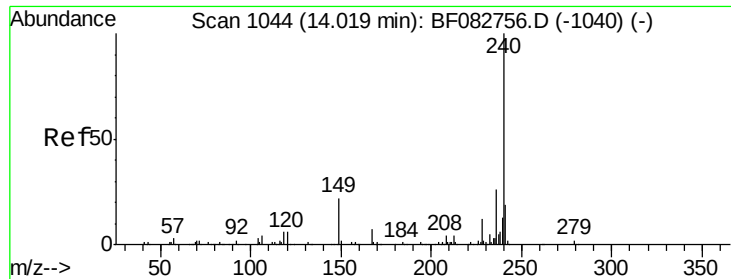


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

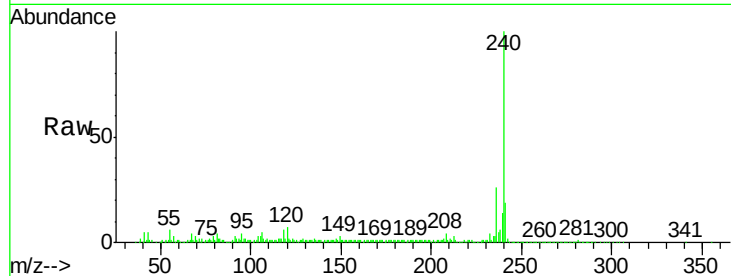
Tgt Ion:240 Resp: 409063

Ion Ratio Lower Upper

240 100

120 6.6 10.9 16.3#

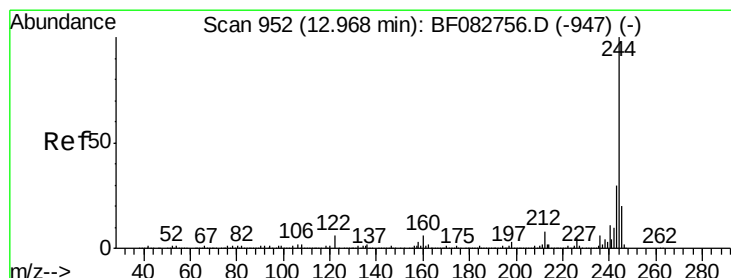
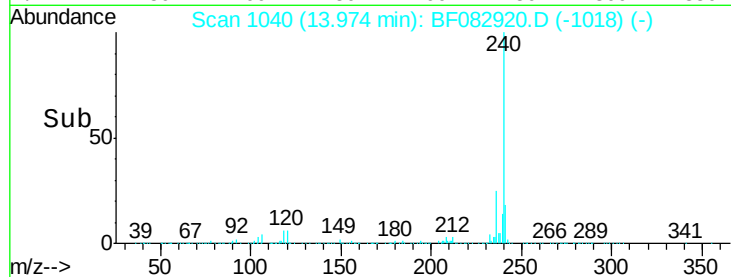
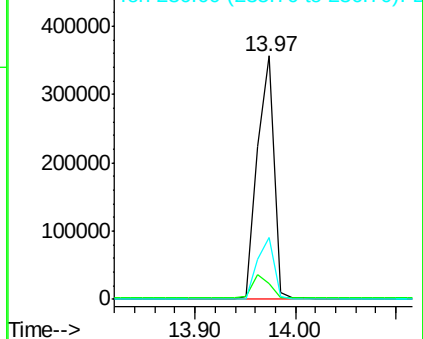
236 25.5 21.6 32.4



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: 74.86 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

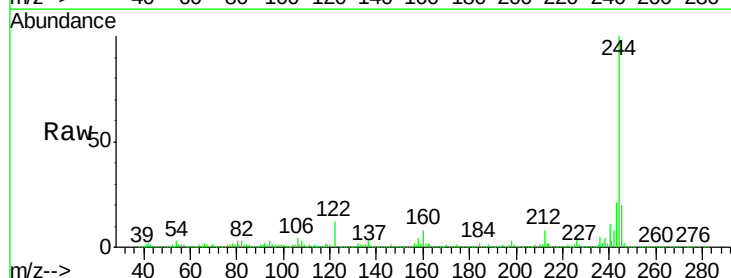
Tgt Ion:244 Resp: 1291167

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

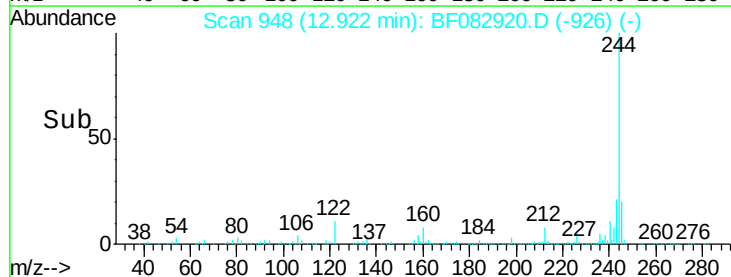
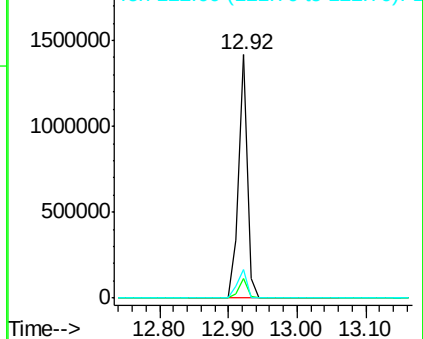
122 11.6 11.3 16.9

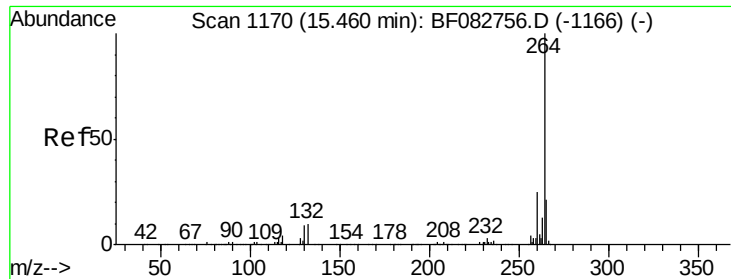


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF082920.D
Acq: 14 Nov 2015 3:17

Instrument :
BNA_F
ClientSampleId :
URS MW-13

Tgt Ion: 264 Resp: 419649
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.6
265 22.7 17.4 26.0

