

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082922.D
 Acq On : 14 Nov 2015 4:16
 Operator : UM/IZ
 Sample : G4382-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-11

Quant Time: Nov 14 05:43:12 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

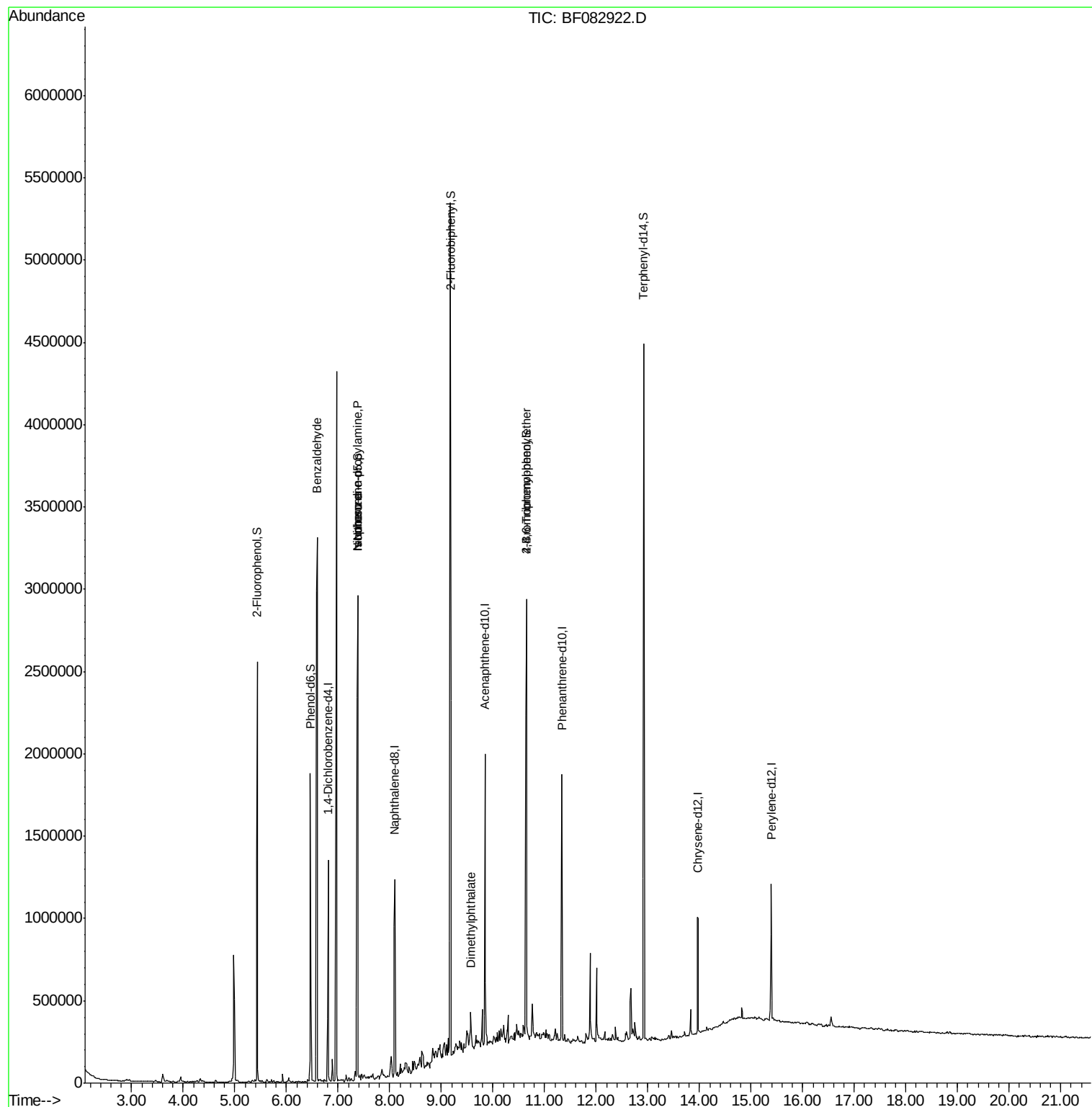
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	198145	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	697335	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	329677	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	552099	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	376933	20.00	ng	-0.05
86) Perylene-d12	15.39	264	403593	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	775346	60.88	ng	-0.01
7) Phenol-d6	6.46	99	617995	36.50	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1395117	87.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	421136	111.41	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1852005	80.51	ng	-0.05
78) Terphenyl-d14	12.92	244	1265013	79.60	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.59	77	30938	3.31	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.38	70	182792	14.69	ng	# 65
25) Isophorone	7.38	82	1292564	43.59	ng	# 70
49) Dimethylphthalate	9.57	163	74880	2.77	ng	98
66) 4-Bromophenyl-phenylether	10.65	248	29427	4.43	ng	# 1

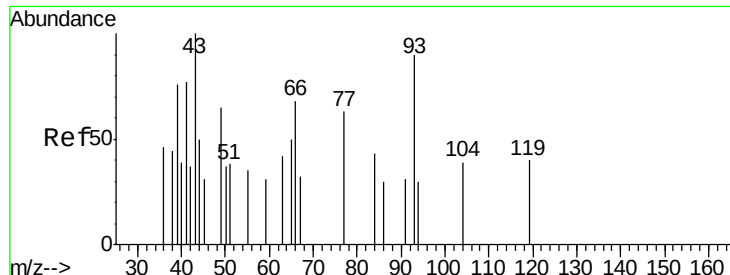
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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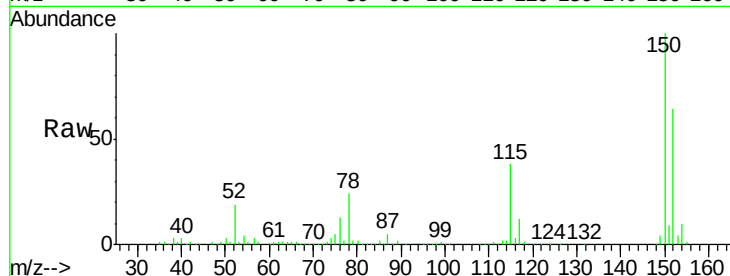




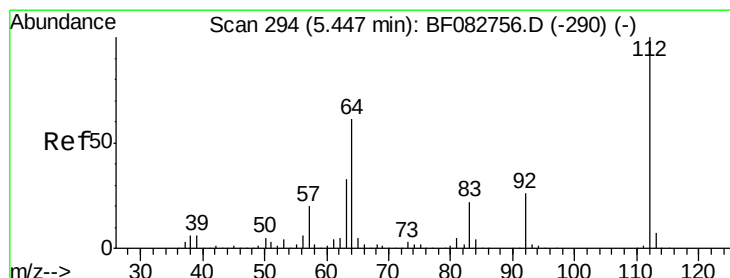
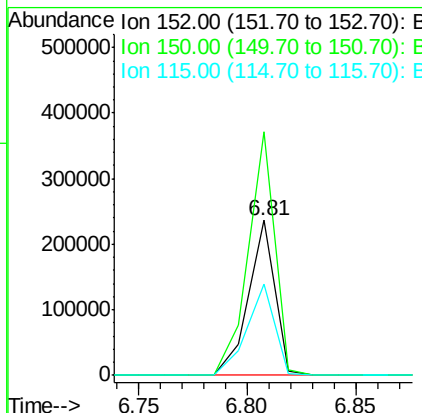
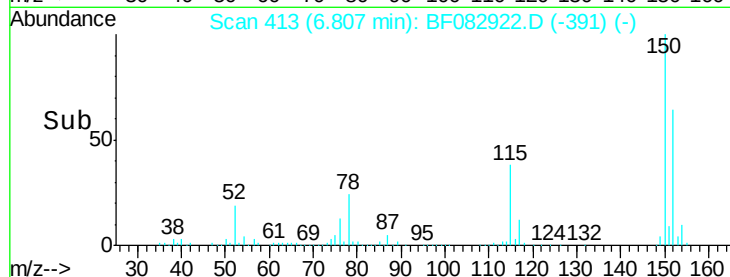
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082922.D
 Acq: 14 Nov 2015 4:16

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-11

Tgt Ion:152 Resp: 198145
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.0 190.4
 115 59.1 47.0 70.6

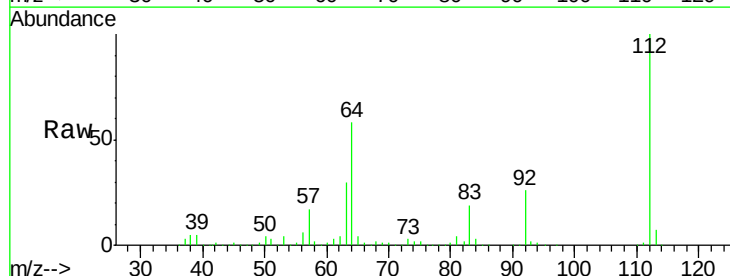


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

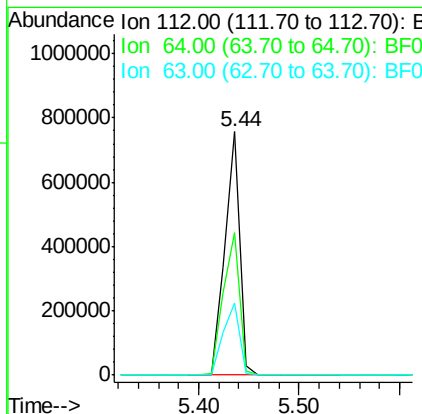
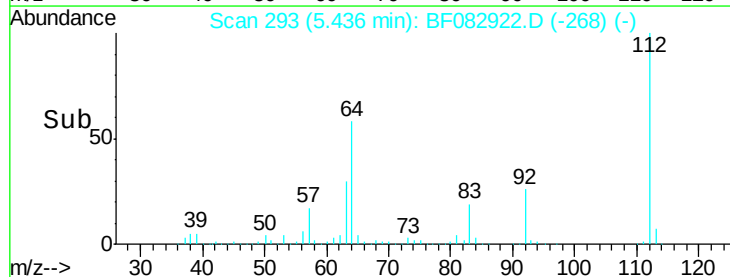


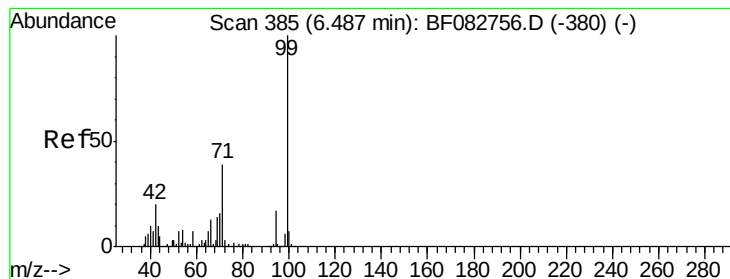
#5
 2-Fluorophenol
 Concen: 60.88 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF082922.D
 Acq: 14 Nov 2015 4:16

Tgt Ion:112 Resp: 775346
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.9 73.3
 63 29.7 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: 36.50 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

Instrument :

BNA_F

ClientSampleId :

URS MW-11

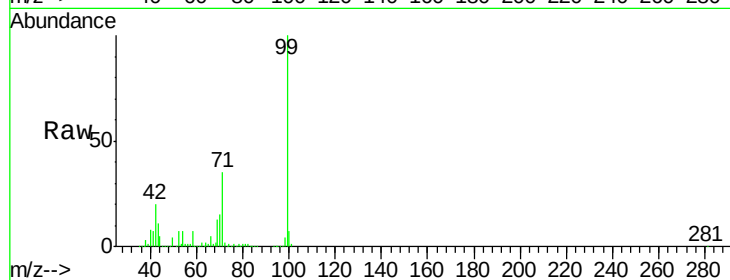
Tgt Ion: 99 Resp: 617995

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

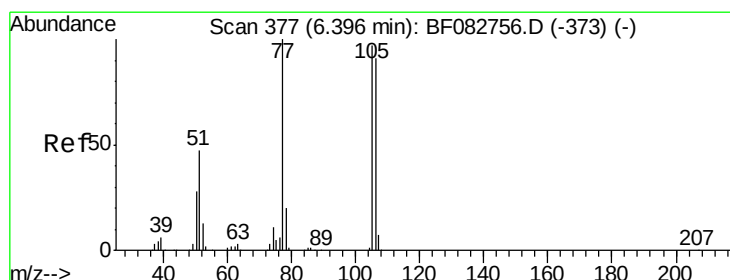
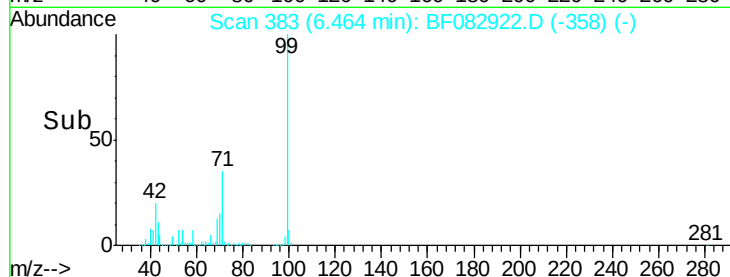
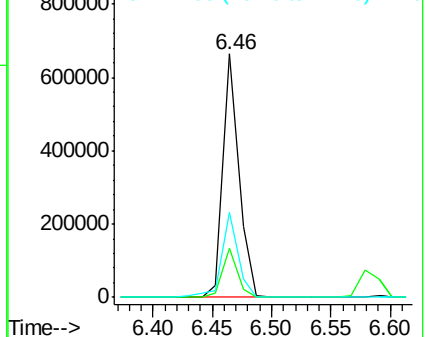
71 35.0 35.0 52.4



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: 3.31 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.20 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

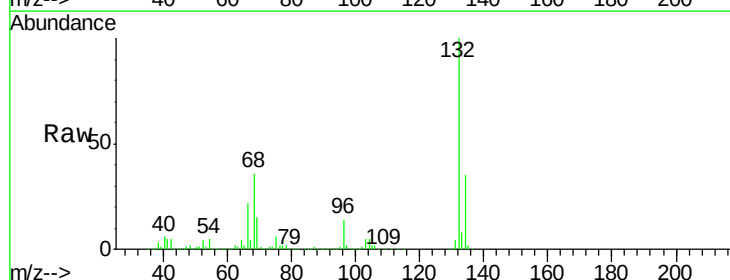
Tgt Ion: 77 Resp: 30938

Ion Ratio Lower Upper

77 100

105 87.1 63.5 103.5

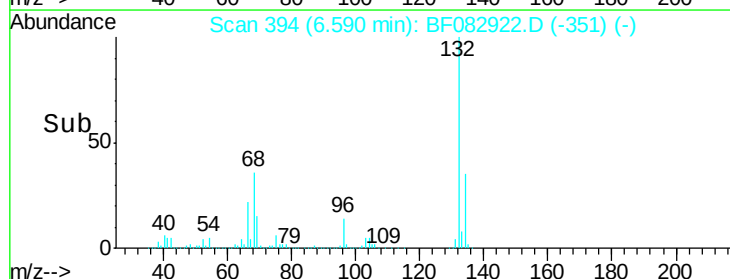
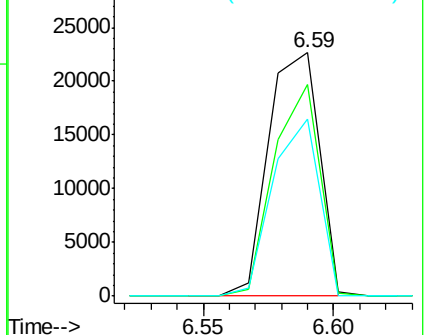
106 72.7 59.3 99.3

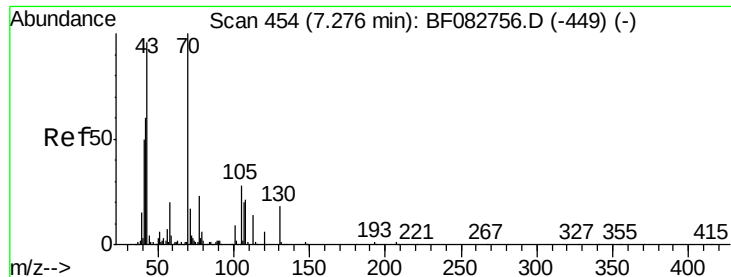


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

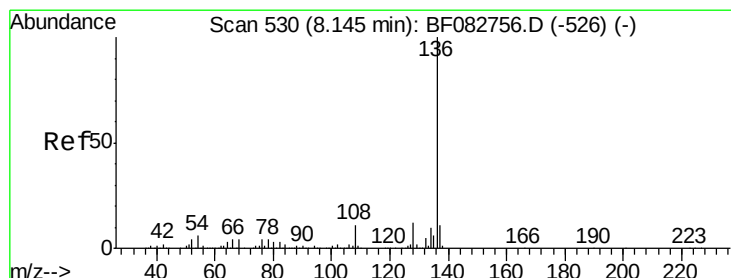
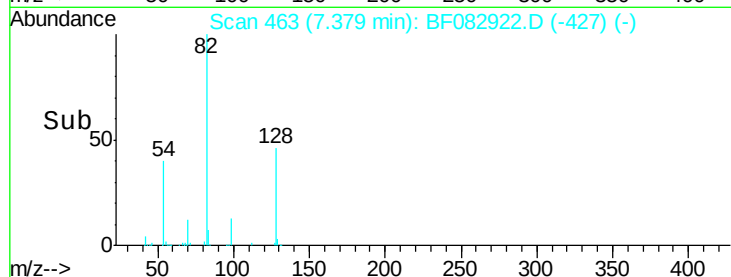
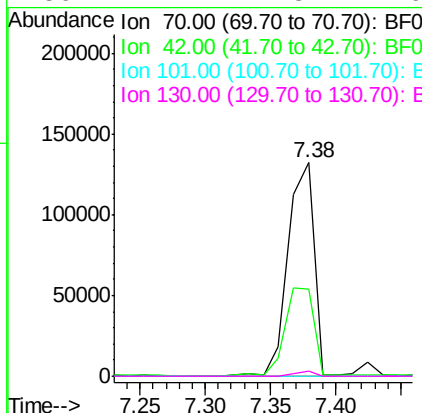
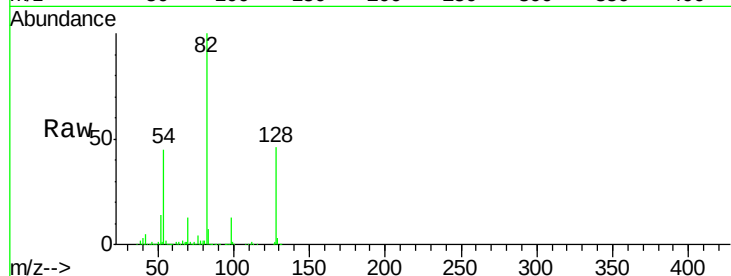




#19
n-Nitroso-di-n-propylamine
Concen: 14.69 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082922.D
Acq: 14 Nov 2015 4:16

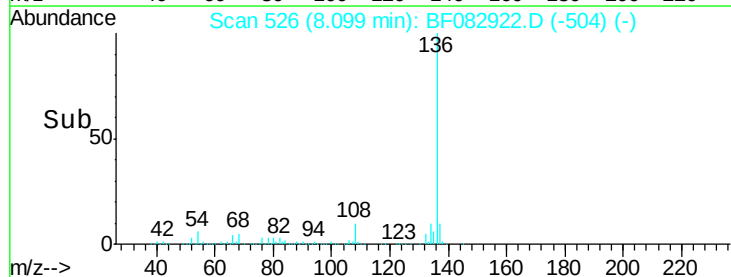
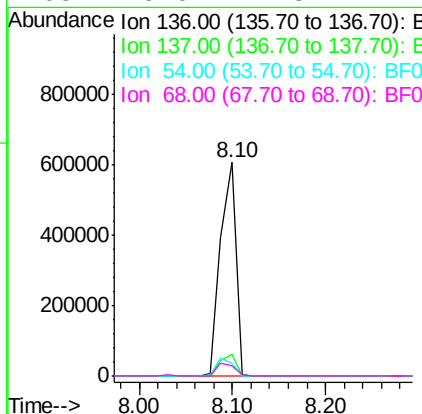
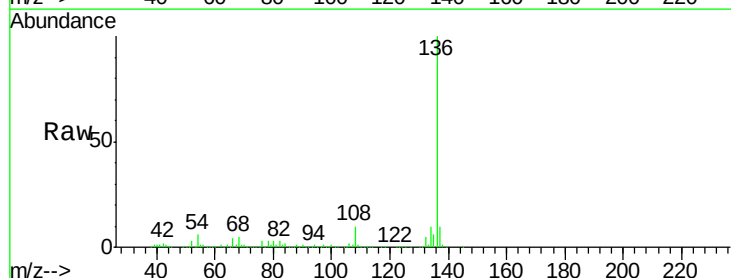
Instrument :
BNA_F
ClientSampleId :
URS MW-11

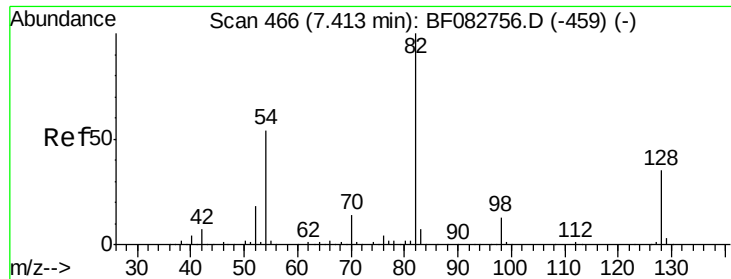
Tgt Ion:	70	Resp:	182792
Ion	Ratio	Lower	Upper
70	100		
42	40.7	57.7	86.5#
101	0.0	7.0	10.6#
130	2.2	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082922.D
Acq: 14 Nov 2015 4:16

Tgt Ion:	136	Resp:	697335
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	6.0	9.1	13.7#
68	5.0	4.8	7.2

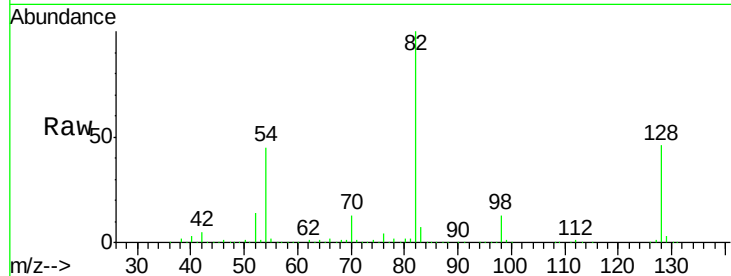




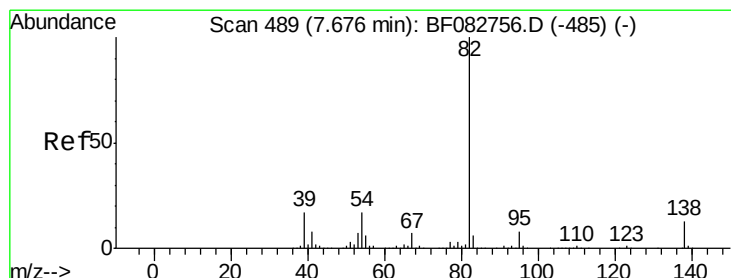
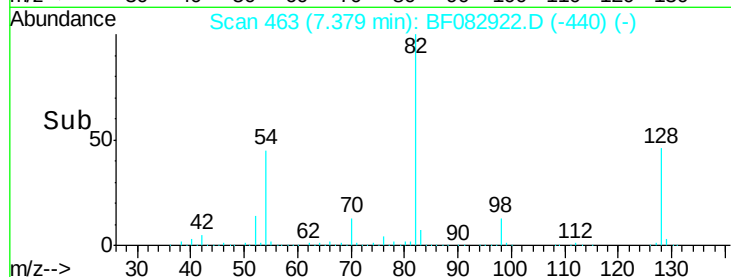
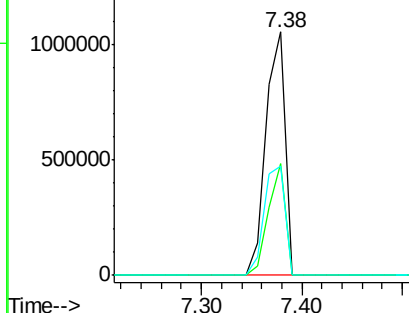
#23
 Nitrobenzene-d5
 Concen: 87.05 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082922.D
 Acq: 14 Nov 2015 4:16

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-11

Tgt Ion: 82 Resp: 1395117
 Ion Ratio Lower Upper
 82 100
 128 46.0 26.8 40.2#
 54 44.6 45.7 68.5#

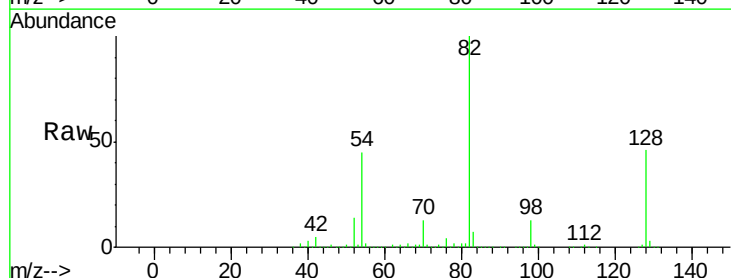


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

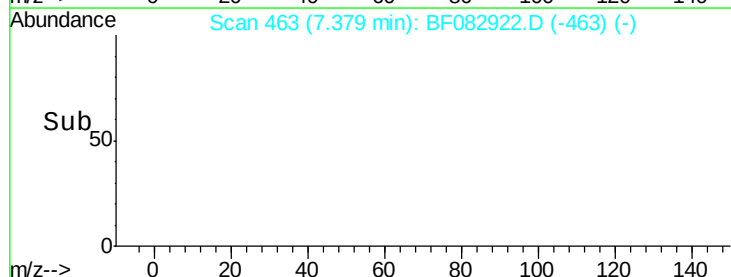
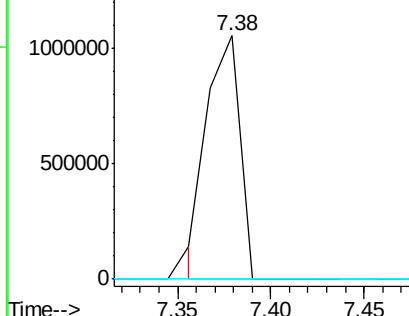


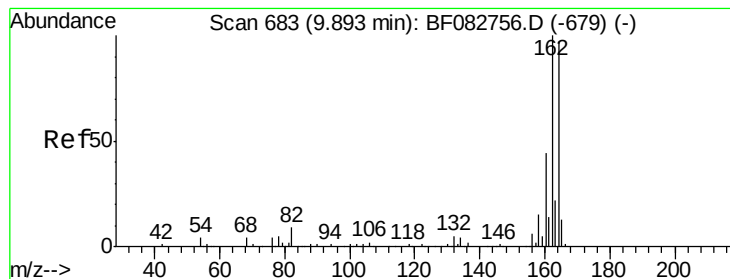
#25
 Isophorone
 Concen: 43.59 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.30 min
 Lab File: BF082922.D
 Acq: 14 Nov 2015 4:16

Tgt Ion: 82 Resp: 1292564
 Ion Ratio Lower Upper
 82 100
 95 0.1 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: BF082922.D

Acq: 14 Nov 2015 4:16

Instrument :

BNA_F

ClientSampleId :

URS MW-11

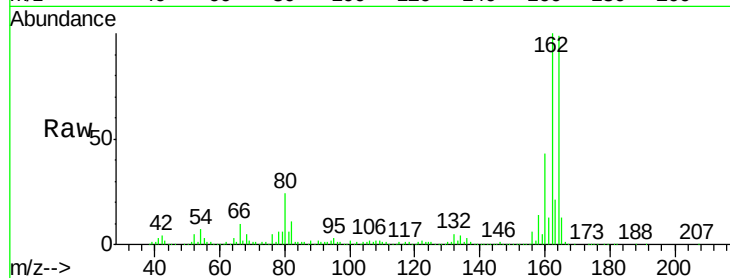
Tgt Ion:164 Resp: 329677

Ion Ratio Lower Upper

164 100

162 100.8 84.9 127.3

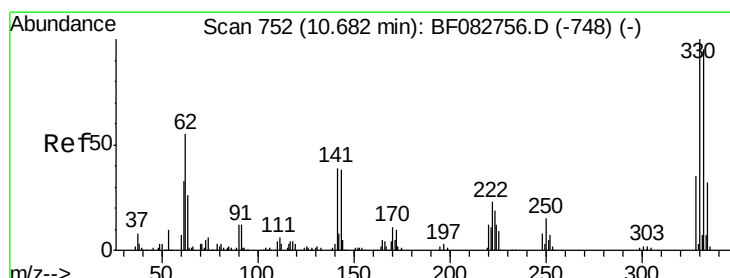
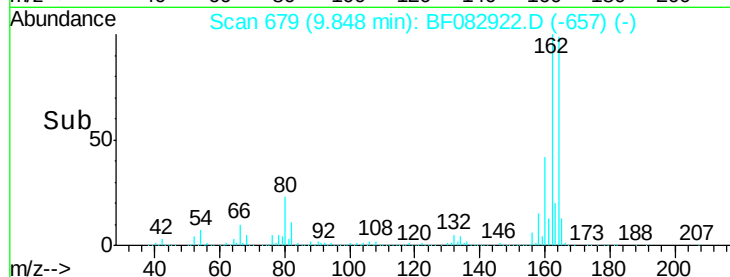
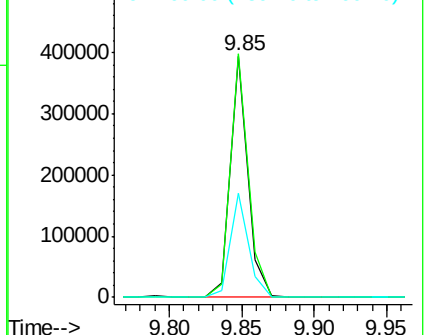
160 43.0 37.5 56.3



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: 111.41 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

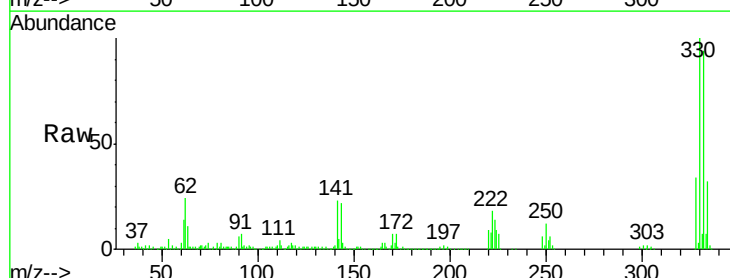
Tgt Ion:330 Resp: 421136

Ion Ratio Lower Upper

330 100

332 94.4 76.6 114.8

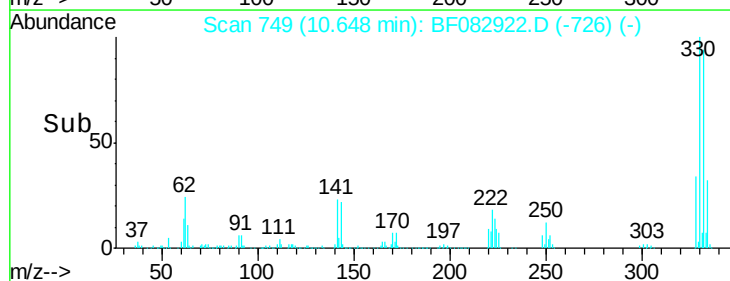
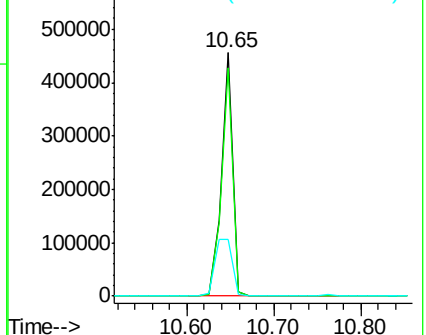
141 35.6 41.2 61.8#

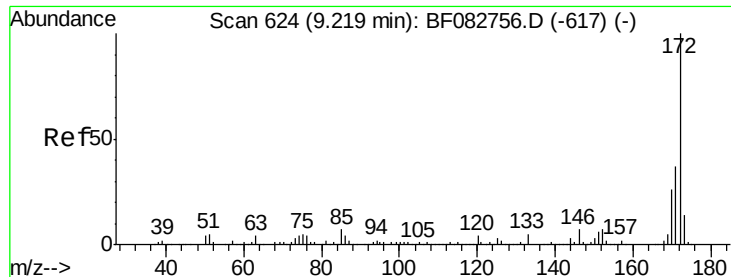


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

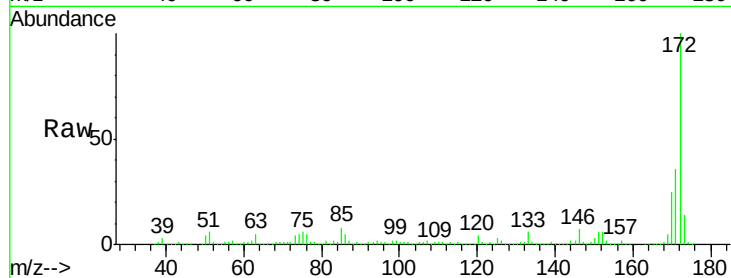




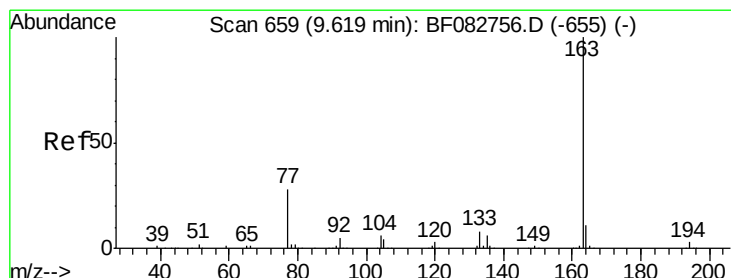
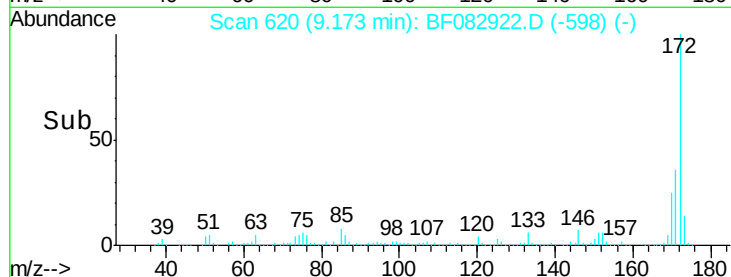
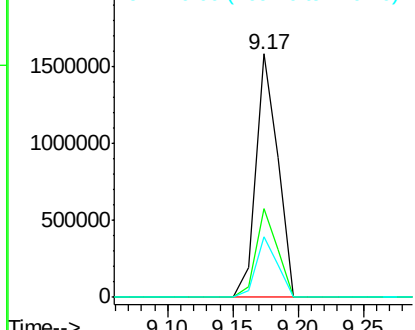
#44
2-Fluorobiphenyl
Concen: 80.51 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082922.D
Acq: 14 Nov 2015 4:16

Instrument :
BNA_F
ClientSampleId :
URS MW-11

Tgt Ion:172 Resp: 1852005
Ion Ratio Lower Upper
172 100
171 36.5 30.8 46.2
170 24.8 21.2 31.8

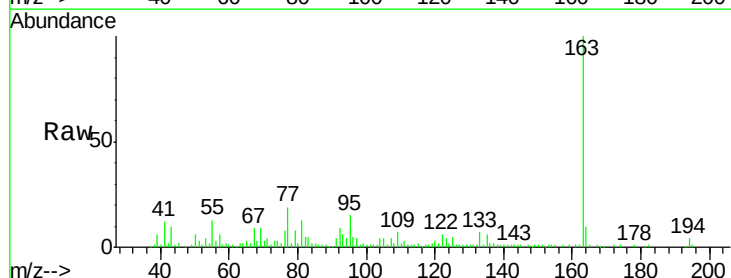


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

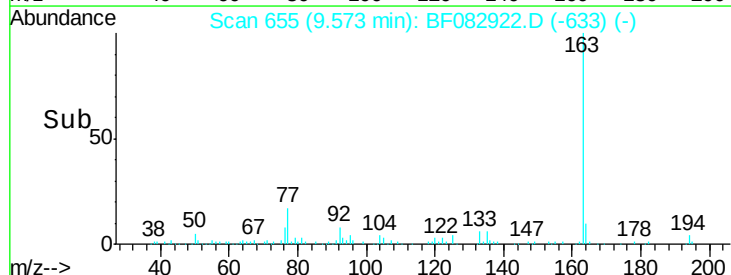
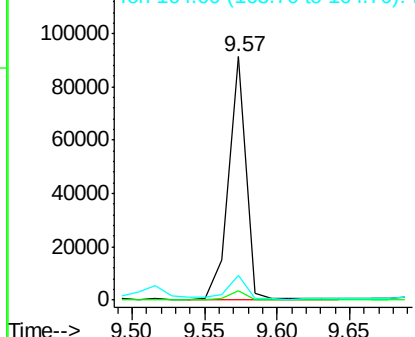


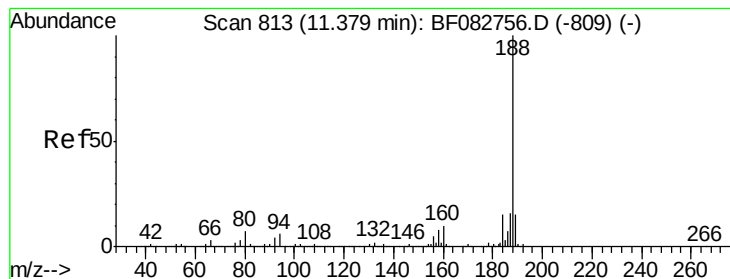
#49
Dimethylphthalate
Concen: 2.77 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082922.D
Acq: 14 Nov 2015 4:16

Tgt Ion:163 Resp: 74880
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

Instrument :

BNA_F

ClientSampleId :

URS MW-11

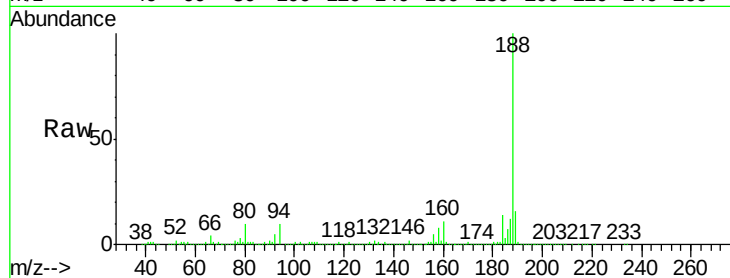
Tgt Ion:188 Resp: 552099

Ion Ratio Lower Upper

188 100

94 9.7 6.1 9.1#

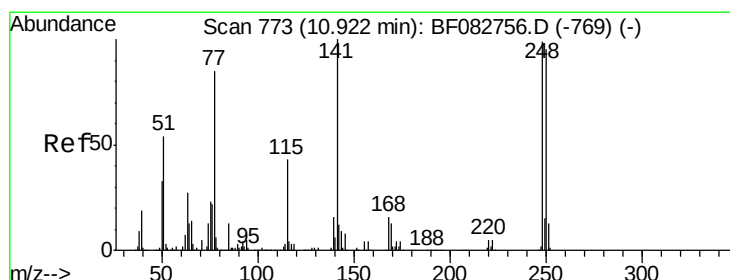
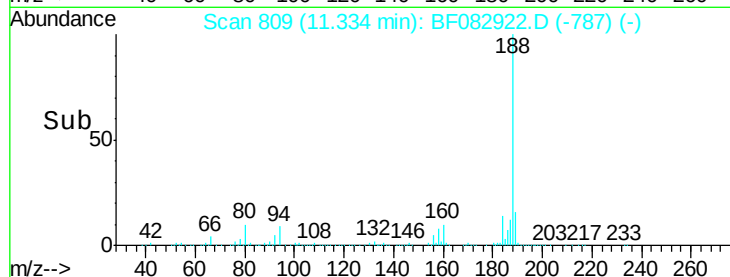
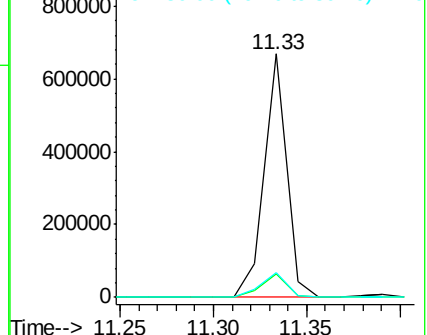
80 10.3 7.0 10.6



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: 4.43 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

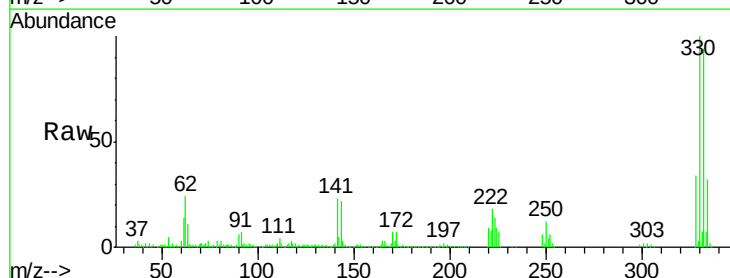
Tgt Ion:248 Resp: 29427

Ion Ratio Lower Upper

248 100

250 201.8 79.4 119.2#

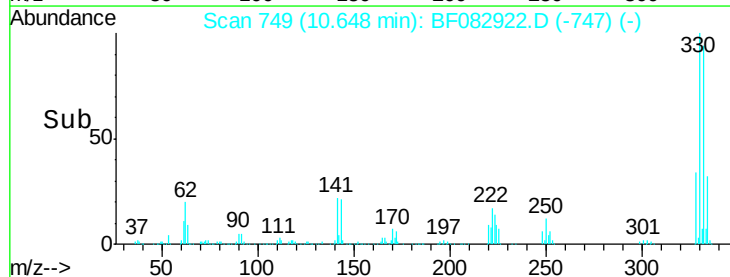
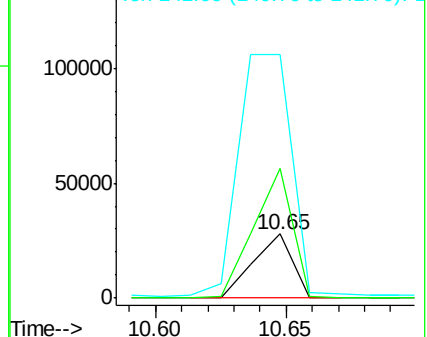
141 378.5 36.3 54.5#

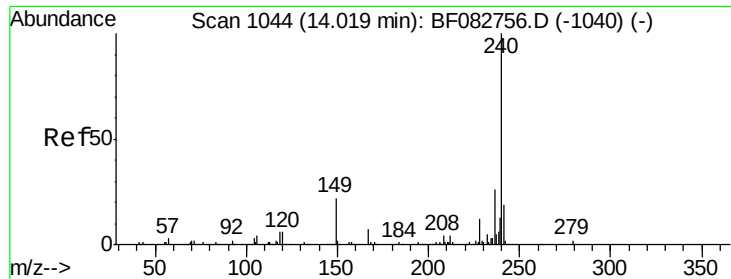


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

Instrument :

BNA_F

ClientSampleId :

URS MW-11

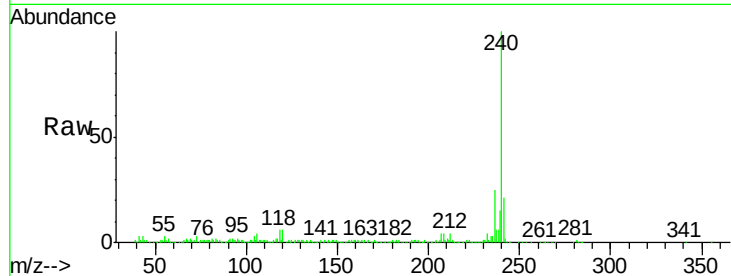
Tgt Ion:240 Resp: 376933

Ion Ratio Lower Upper

240 100

120 6.3 10.9 16.3#

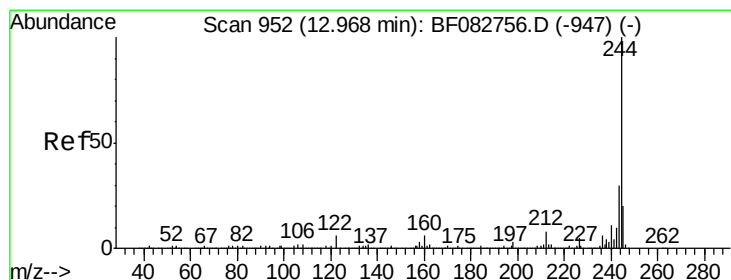
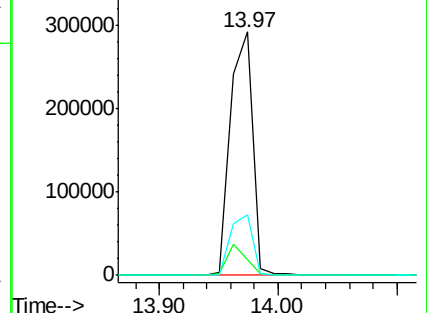
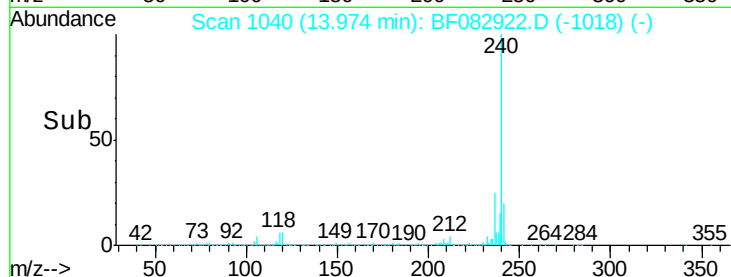
236 25.1 21.6 32.4



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: 79.60 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082922.D

Acq: 14 Nov 2015 4:16

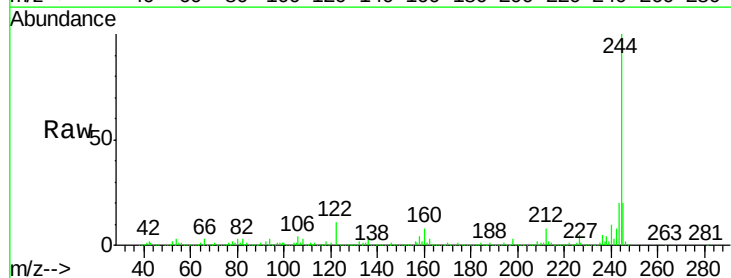
Tgt Ion:244 Resp: 1265013

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

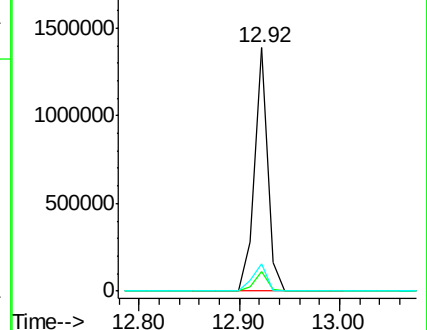
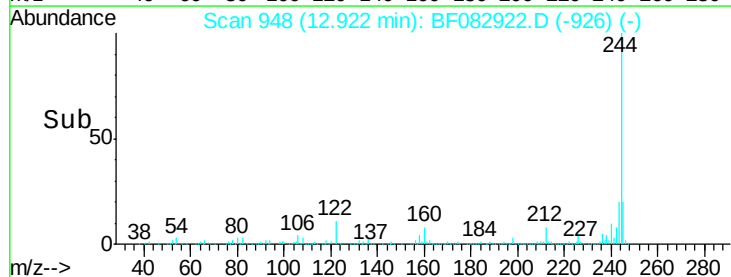
122 11.4 11.3 16.9

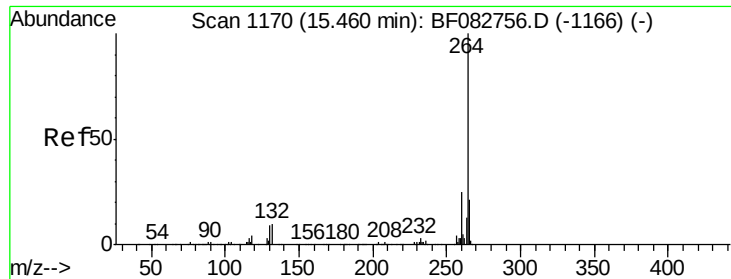


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF082922.D
Acq: 14 Nov 2015 4:16

Instrument :
BNA_F
ClientSampleId :
URS MW-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.3	17.4	26.0

