

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082918.D
 Acq On : 14 Nov 2015 2:19
 Operator : UM/IZ
 Sample : G4382-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Quant Time: Nov 14 04:22:41 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

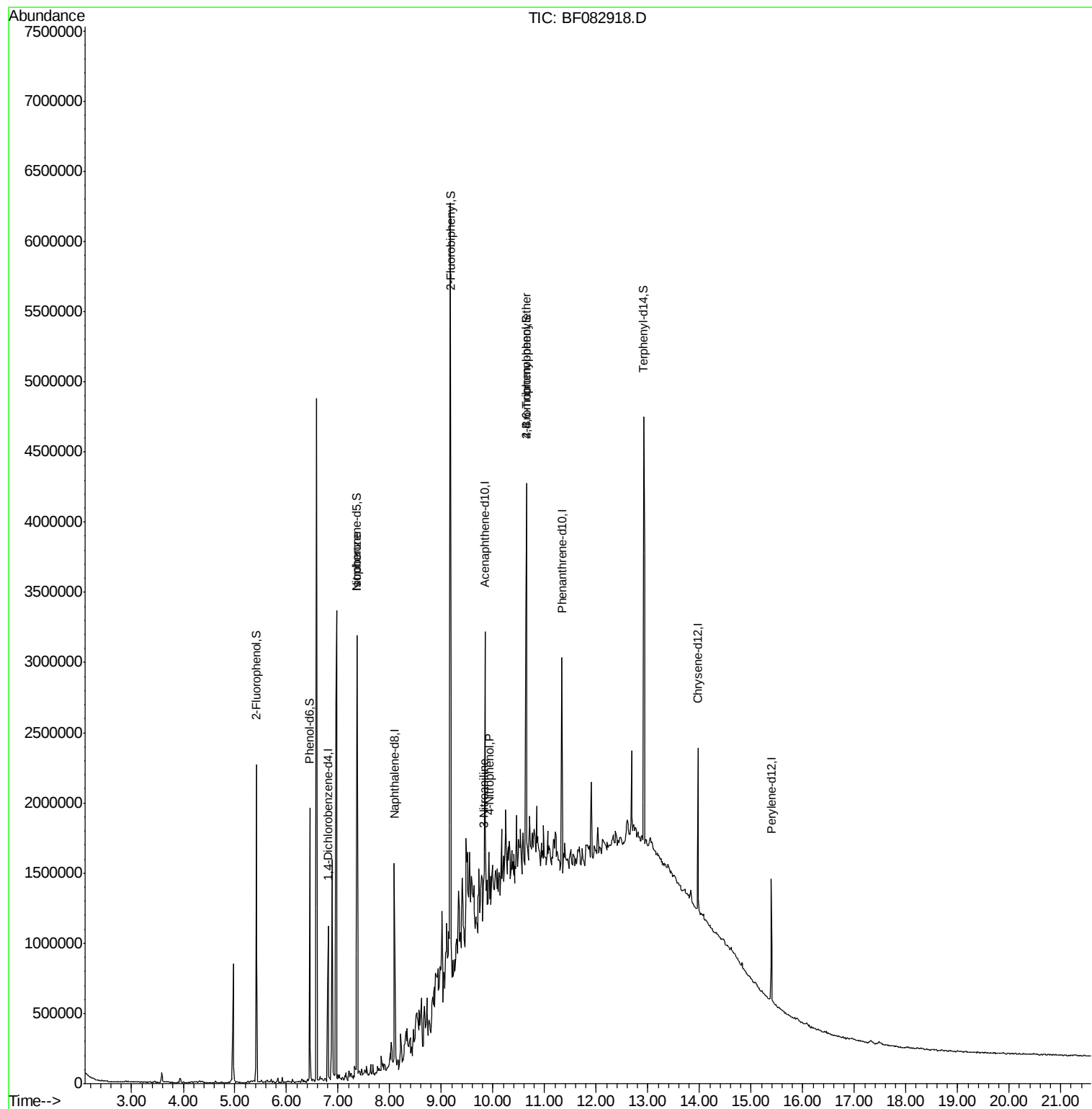
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	205029	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	717811	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	347886	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	541692	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	394369	20.00	ng	-0.05
86) Perylene-d12	15.39	264	422460	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	660761	50.14	ng	-0.03
7) Phenol-d6	6.45	99	605021	34.54	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1216489	73.74	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	395845	99.24	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1901164	78.32	ng	-0.05
78) Terphenyl-d14	12.92	244	1317295	79.22	ng	-0.04
Target Compounds						
25) Isophorone	7.37	82	1201376	39.36	ng	# 70
52) 3-Nitroaniline	9.82	138	35189	5.26	ng	# 1
55) 4-Nitrophenol	9.93	139	18167	3.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	28588	4.38	ng	# 1

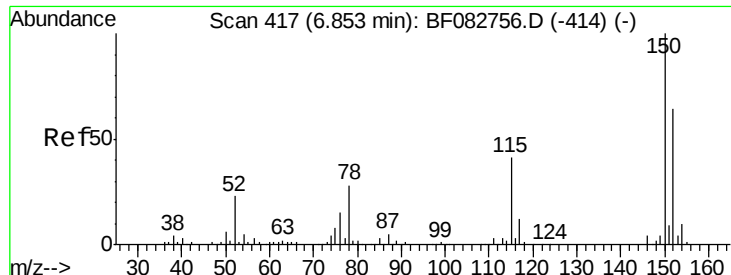
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082918.D

Acq: 14 Nov 2015 2:19

Instrument :

BNA_F

ClientSampleId :

URS MW-07

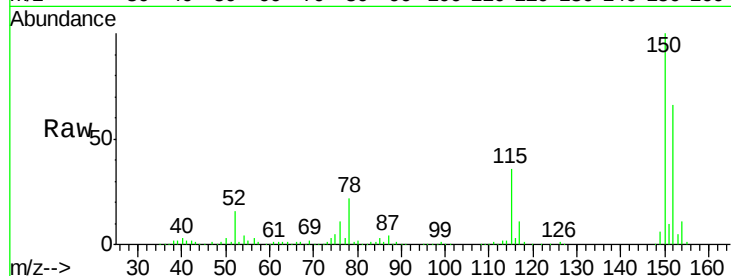
Tgt Ion:152 Resp: 205029

Ion Ratio Lower Upper

152 100

150 152.2 127.0 190.4

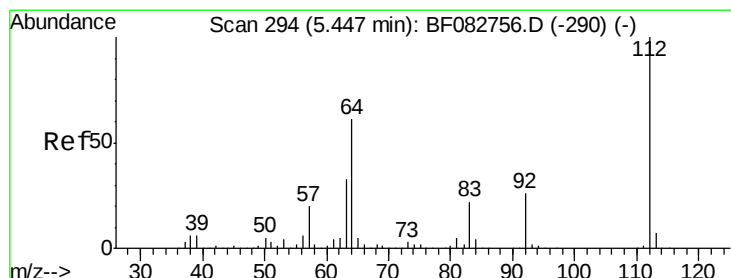
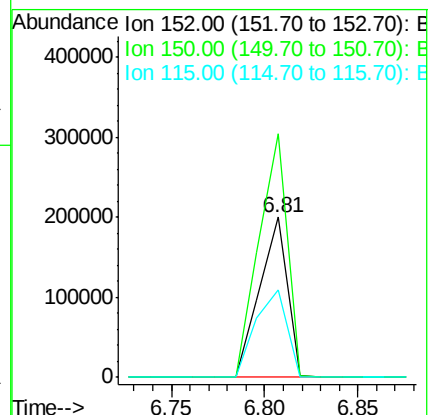
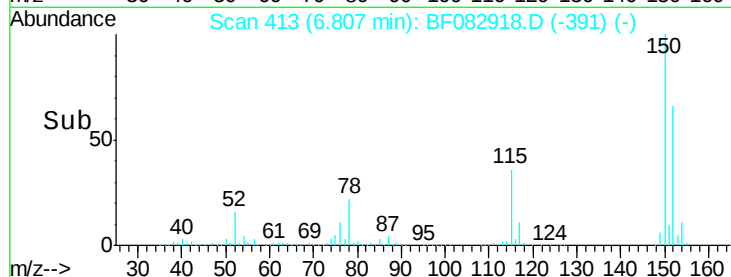
115 54.8 47.0 70.6



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: 50.14 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082918.D

Acq: 14 Nov 2015 2:19

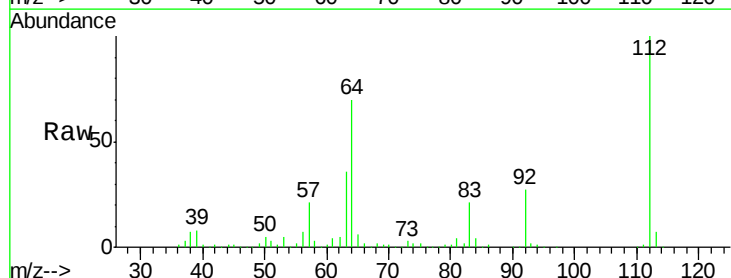
Tgt Ion:112 Resp: 660761

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

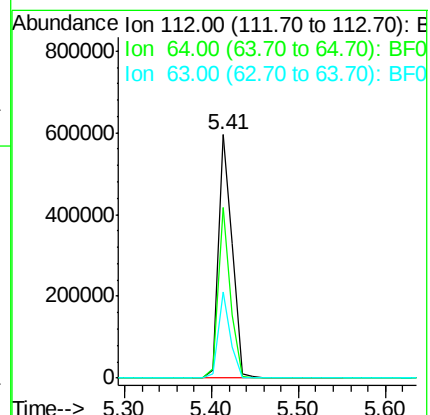
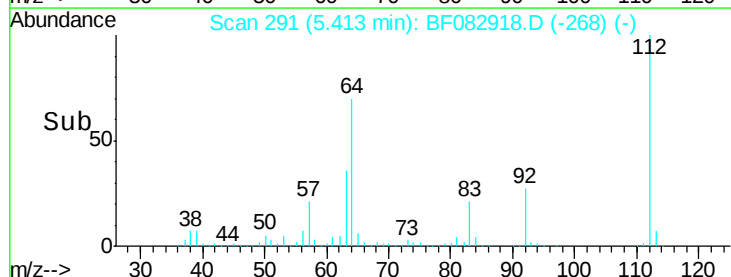
63 35.6 28.1 42.1

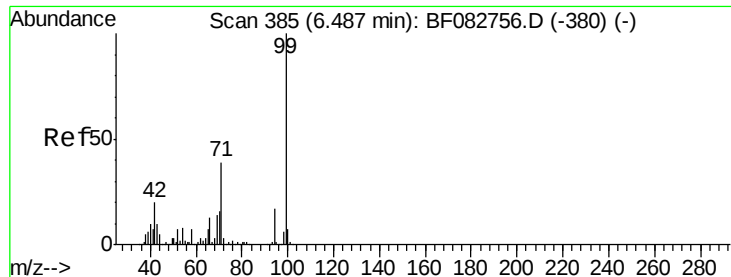


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082918.D

Acq: 14 Nov 2015 2:19

Instrument :

BNA_F

ClientSampleId :

URS MW-07

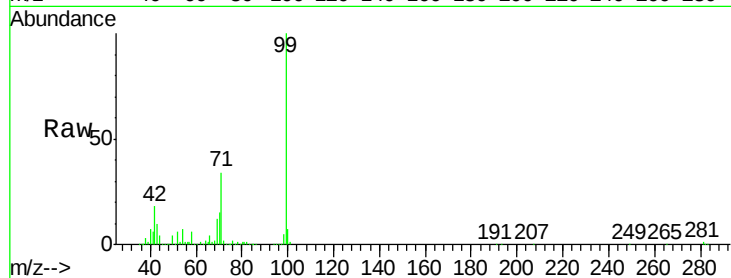
Tgt Ion: 99 Resp: 605021

Ion Ratio Lower Upper

99 100

42 18.1 19.2 28.8#

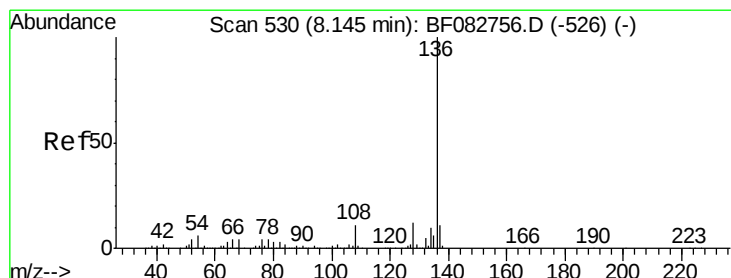
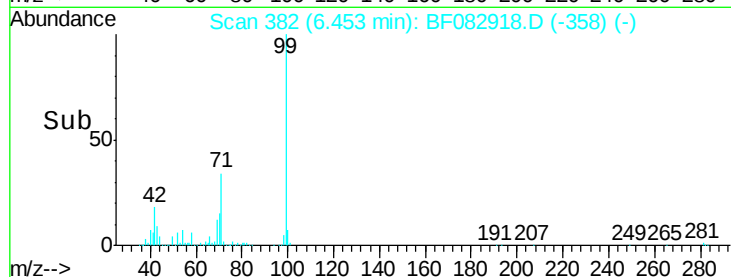
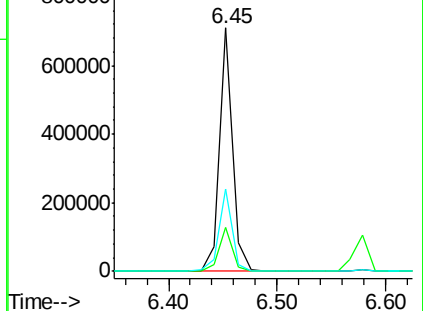
71 34.0 35.0 52.4#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082918.D

Acq: 14 Nov 2015 2:19

Tgt Ion: 136 Resp: 717811

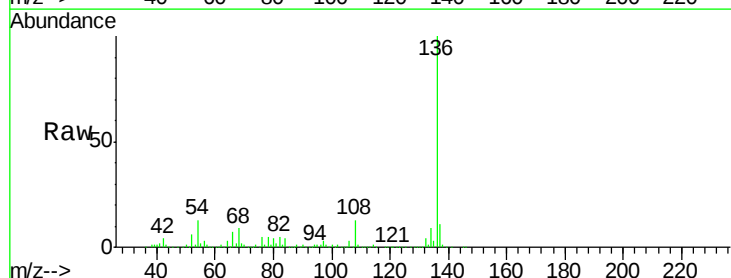
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 12.6 9.1 13.7

68 8.6 4.8 7.2#

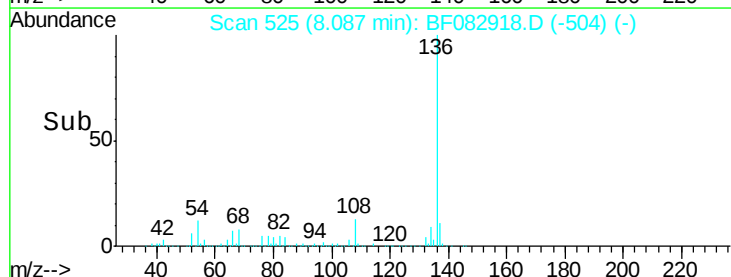
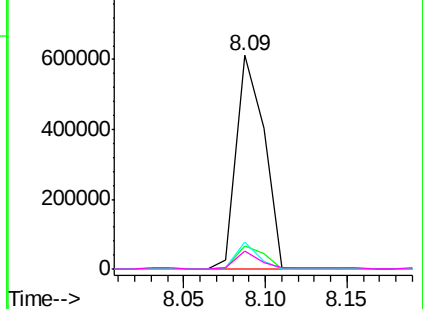


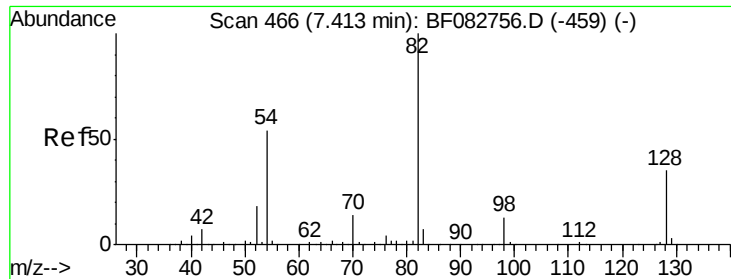
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

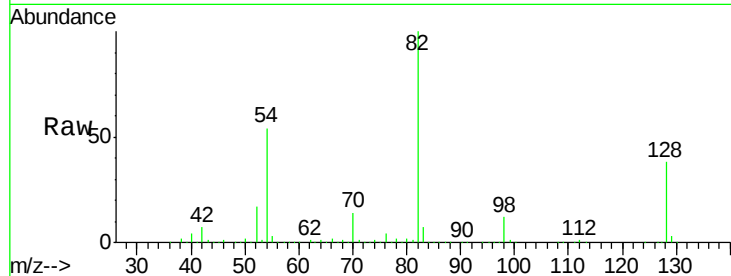




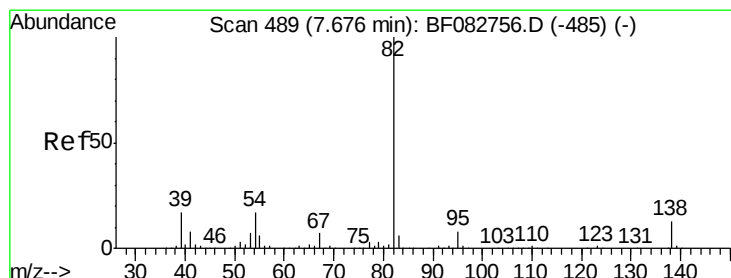
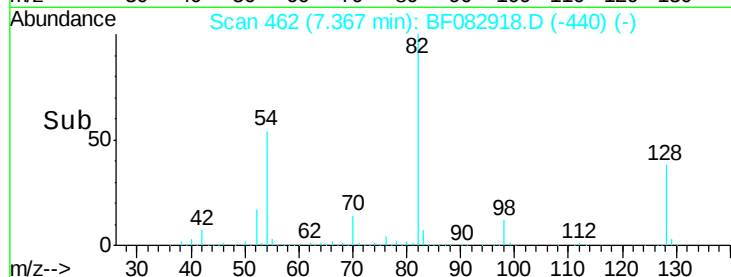
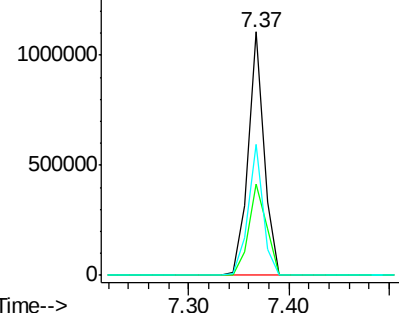
#23
 Nitrobenzene-d5
 Concen: 73.74 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

Instrument :
 BNA_F
 ClientSampled :
 URS MW-07

Tgt Ion: 82 Resp: 1216489
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.8 40.2
 54 53.7 45.7 68.5

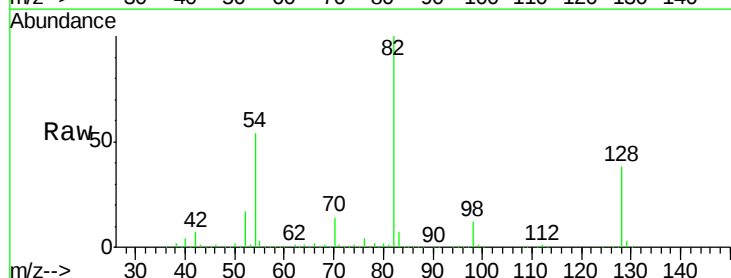


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

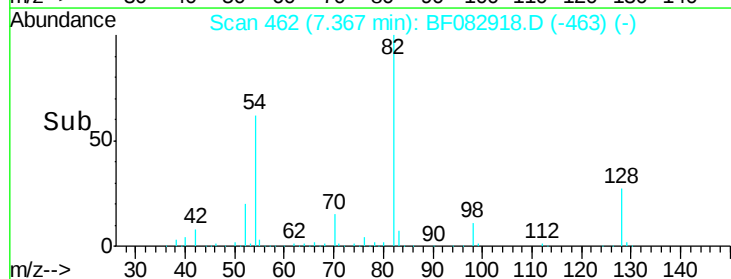
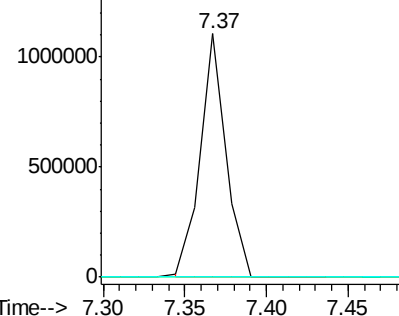


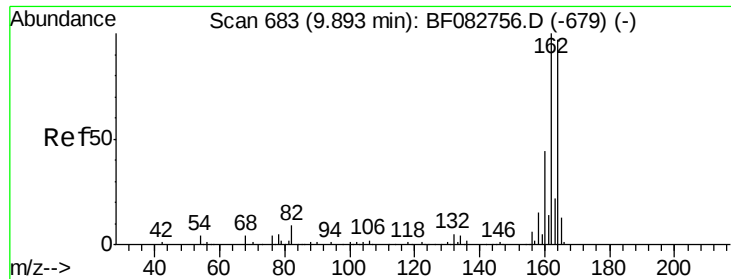
#25
 Isophorone
 Concen: 39.36 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

Tgt Ion: 82 Resp: 1201376
 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

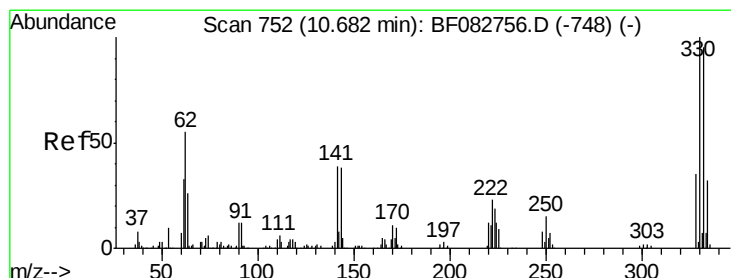
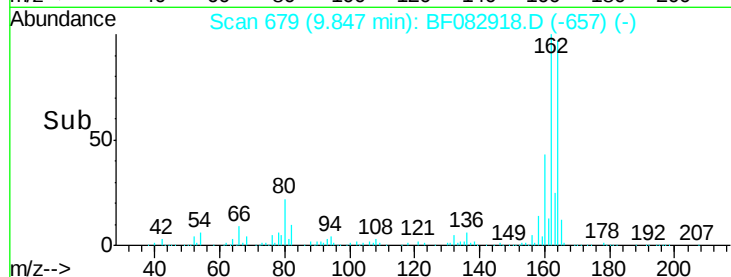
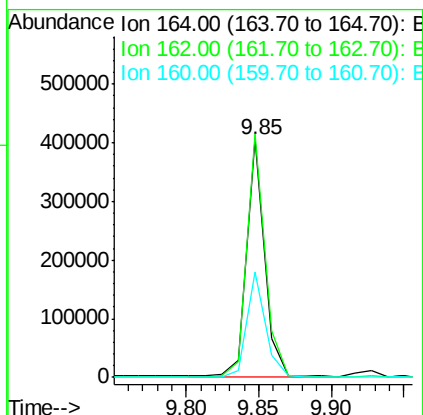
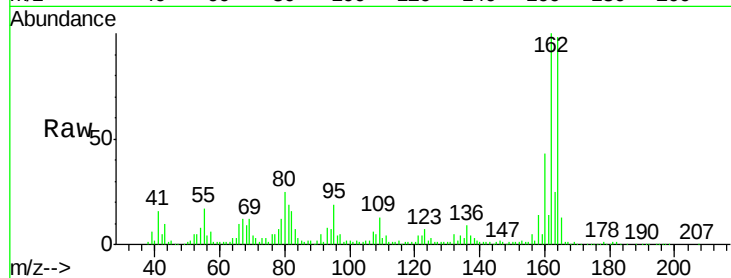




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

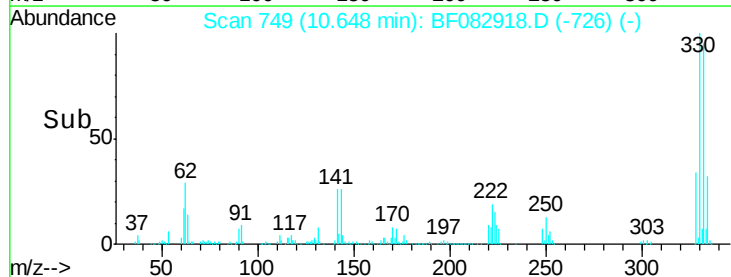
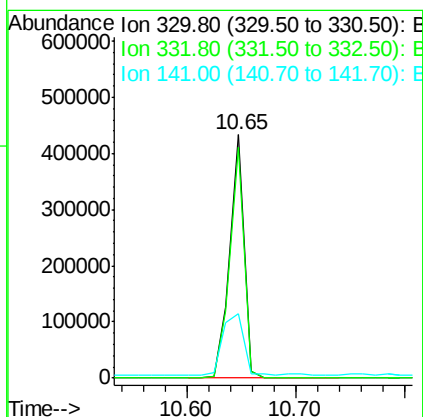
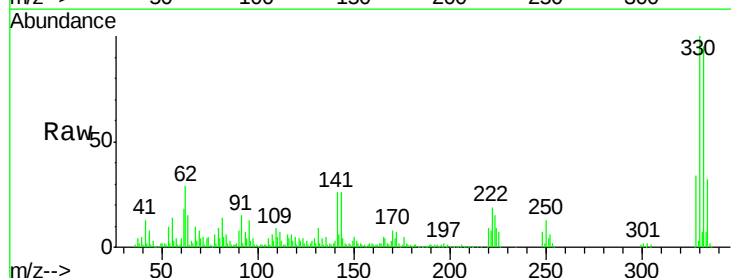
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

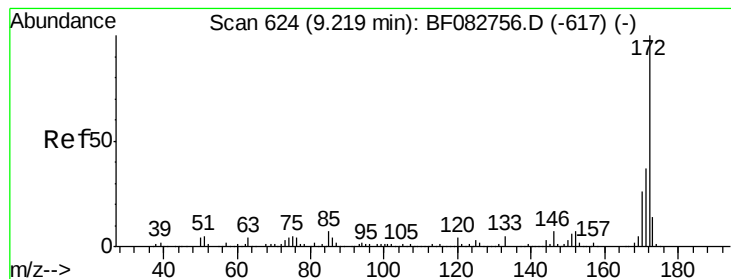
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	44.1	37.5	56.3



#41
 2,4,6-Tribromophenol
 Concen: 99.24 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	37.9	41.2	61.8#





#44

2-Fluorobiphenyl

Concen: 78.32 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF082918.D

Acq: 14 Nov 2015 2:19

Instrument :

BNA_F

ClientSampleId :

URS MW-07

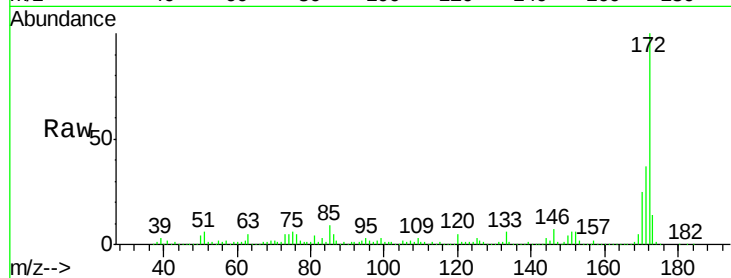
Tgt Ion:172 Resp: 1901164

Ion Ratio Lower Upper

172 100

171 37.0 30.8 46.2

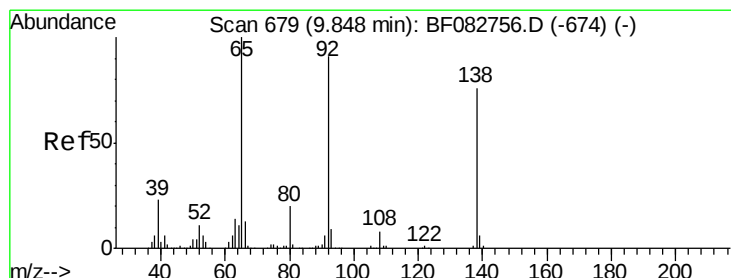
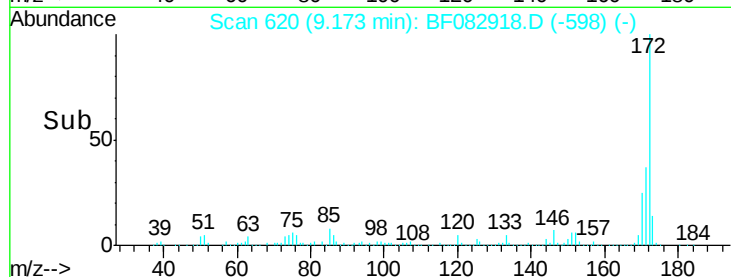
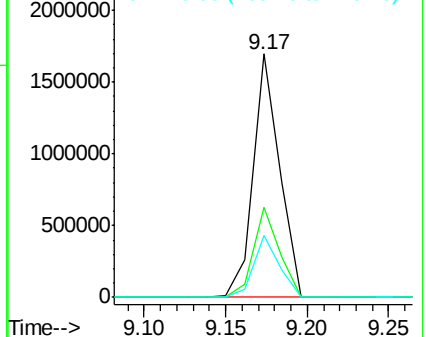
170 25.4 21.2 31.8



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



#52

3-Nitroaniline

Concen: 5.26 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082918.D

Acq: 14 Nov 2015 2:19

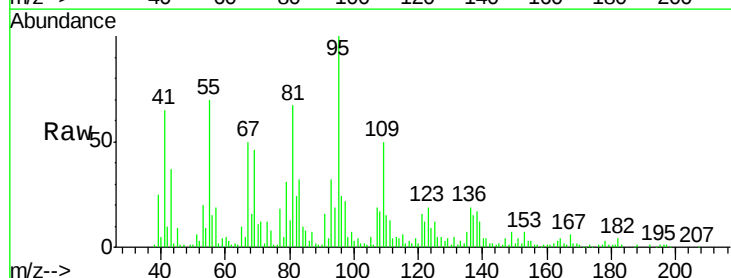
Tgt Ion:138 Resp: 35189

Ion Ratio Lower Upper

138 100

108 102.1 11.3 16.9#

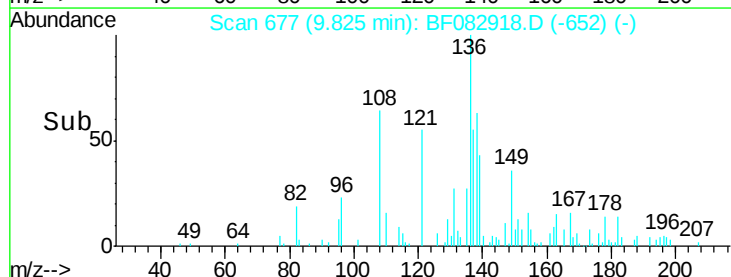
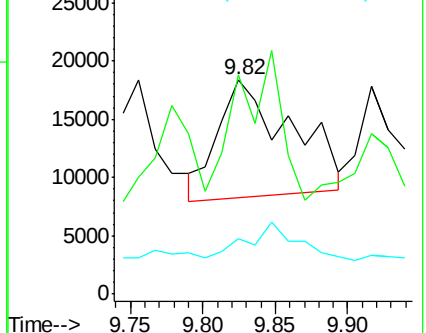
92 25.7 122.4 183.6#

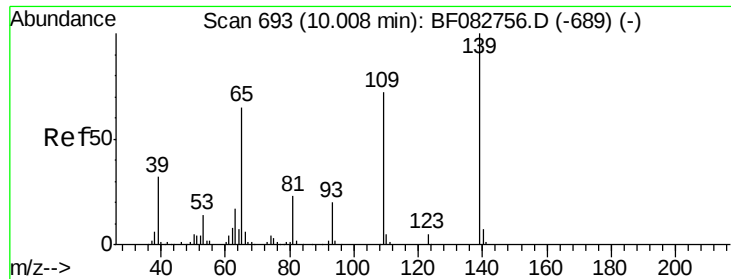


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

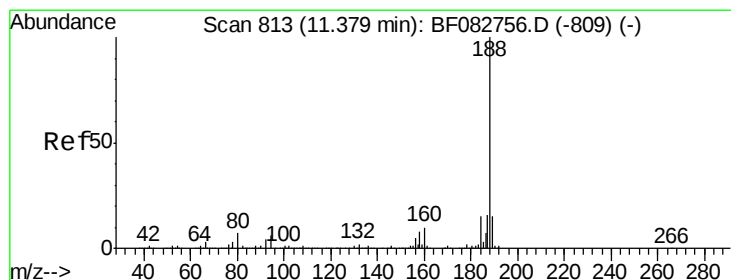
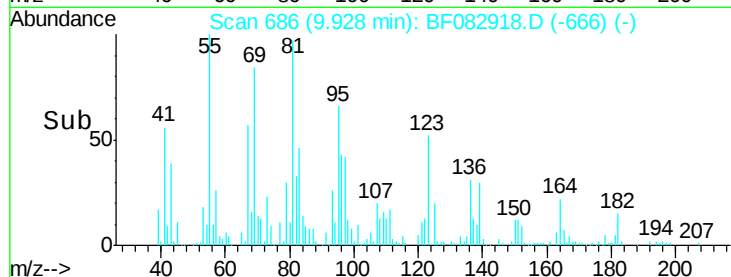
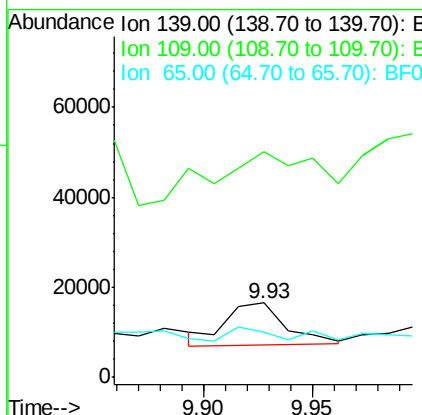
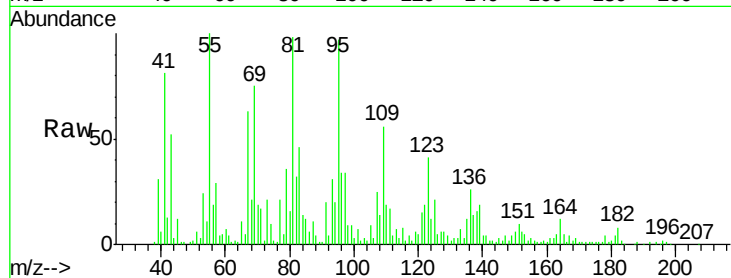




#55
4-Nitrophenol
Concen: 3.54 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.07 min
Lab File: BF082918.D
Acq: 14 Nov 2015 2:19

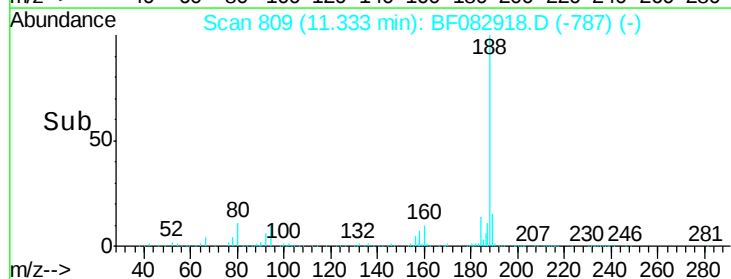
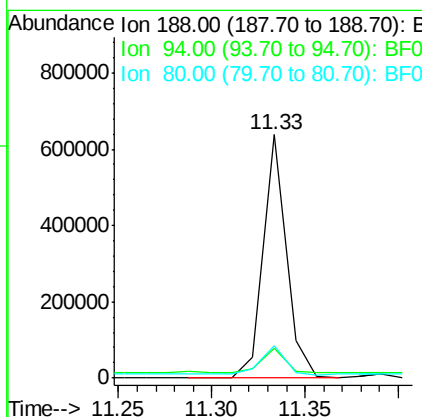
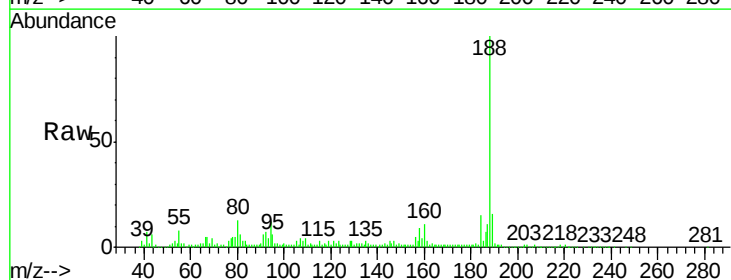
Instrument :
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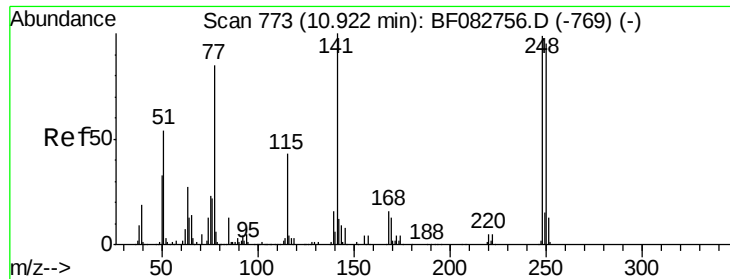
Tgt Ion:139 Resp: 18167
Ion Ratio Lower Upper
139 100
109 301.7 73.7 113.7#
65 60.0 82.9 122.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082918.D
Acq: 14 Nov 2015 2:19

Tgt Ion:188 Resp: 541692
Ion Ratio Lower Upper
188 100
94 12.4 6.1 9.1#
80 13.2 7.0 10.6#

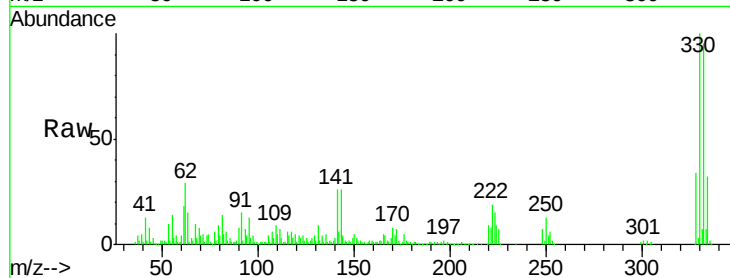




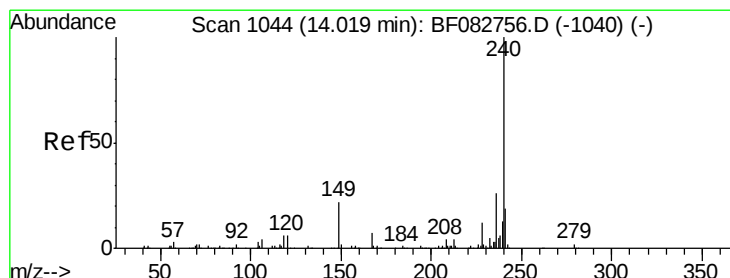
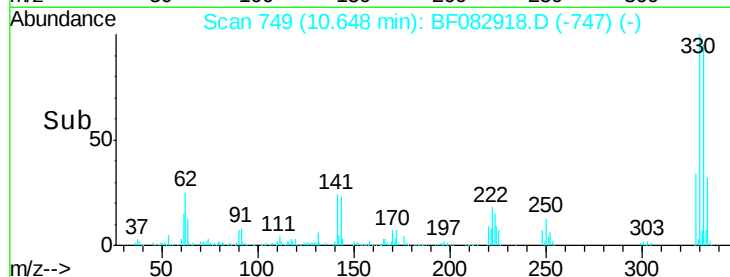
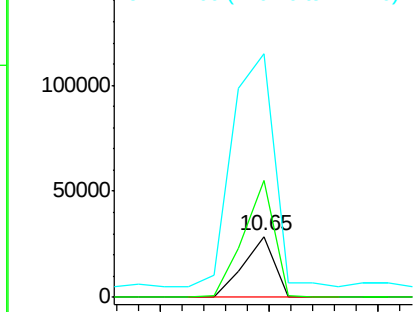
#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.27 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Tgt Ion: 248 Resp: 28588
 Ion Ratio Lower Upper
 248 100
 250 192.7 79.4 119.2#
 141 400.5 36.3 54.5#

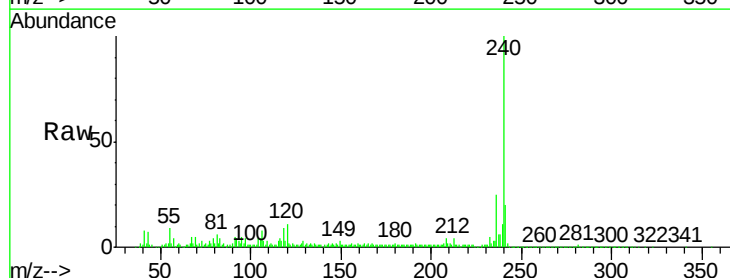


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

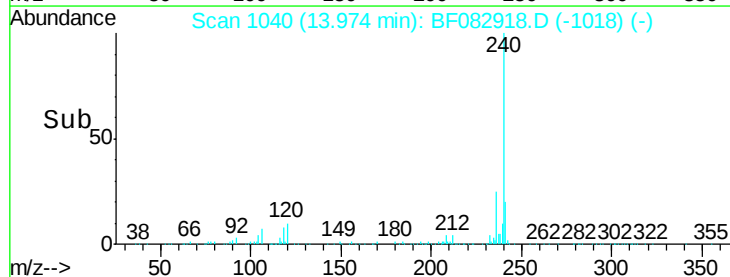
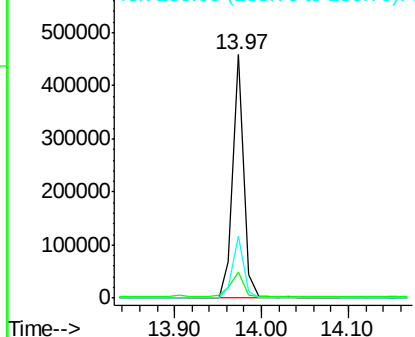


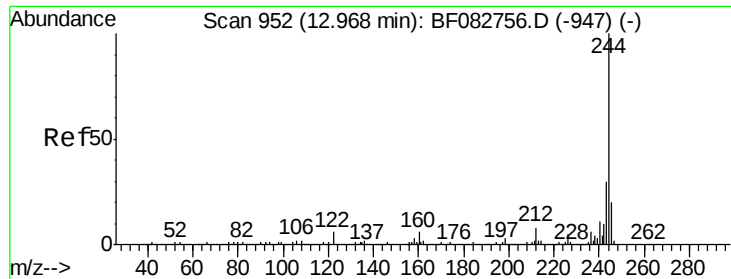
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

Tgt Ion: 240 Resp: 394369
 Ion Ratio Lower Upper
 240 100
 120 10.7 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: 79.22 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082918.D

Acq: 14 Nov 2015 2:19

Instrument :

BNA_F

ClientSampleId :

URS MW-07

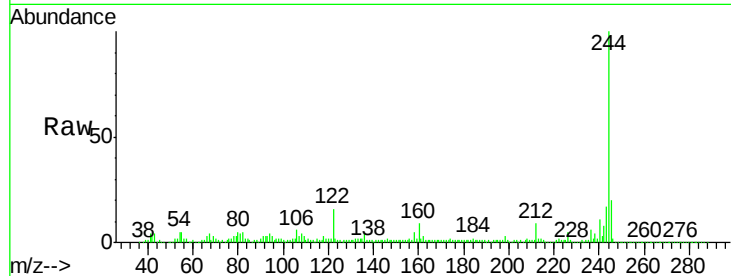
Tgt Ion:244 Resp: 1317295

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

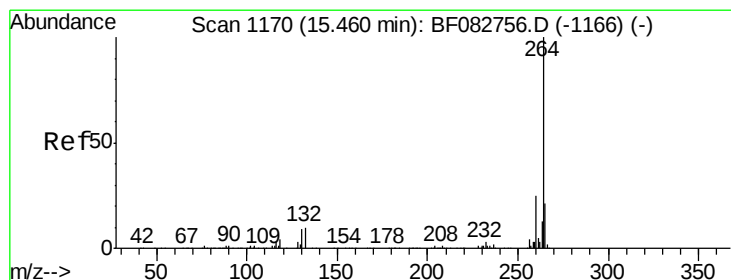
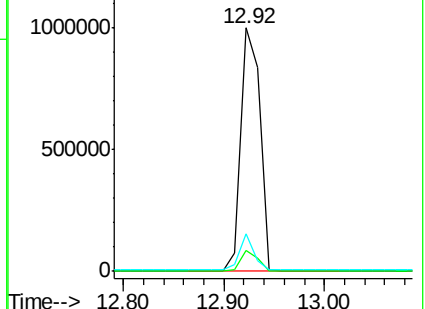
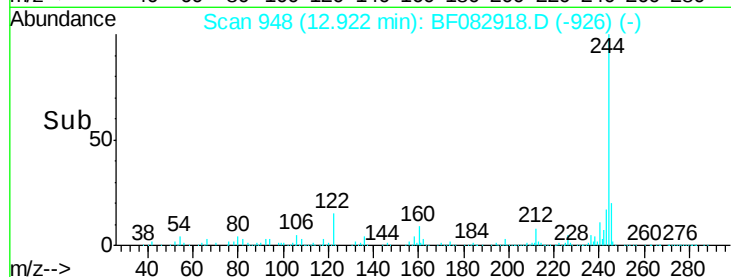
122 15.5 11.3 16.9



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: BF082918.D

Acq: 14 Nov 2015 2:19

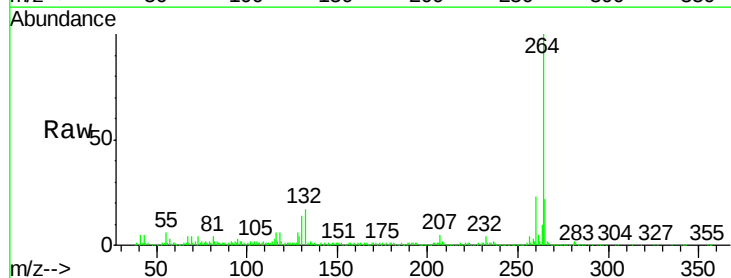
Tgt Ion:264 Resp: 422460

Ion Ratio Lower Upper

264 100

260 22.6 19.8 29.6

265 21.7 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

