

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

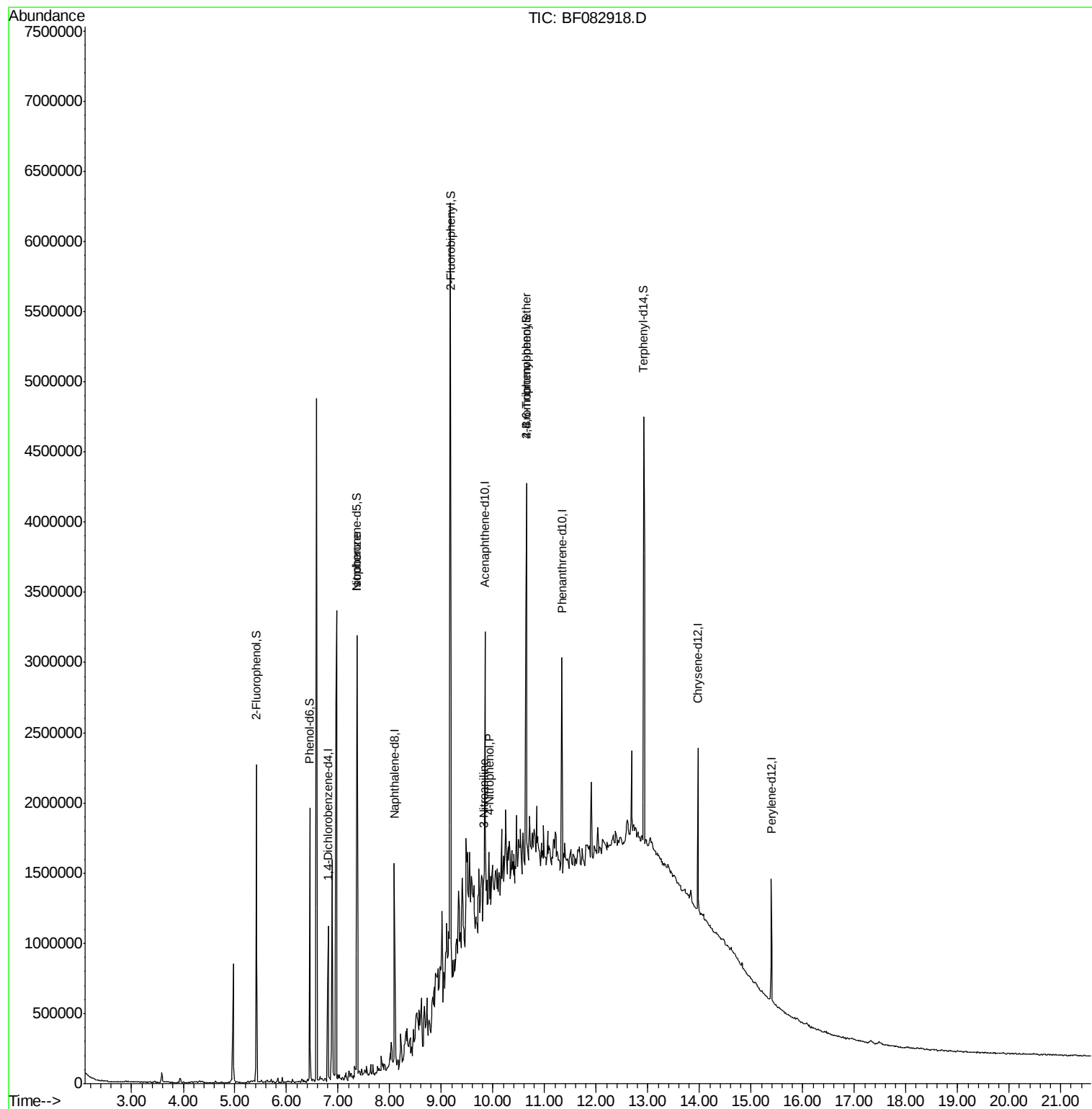
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	205029	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	717811	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	347886	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	541692	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	394369	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

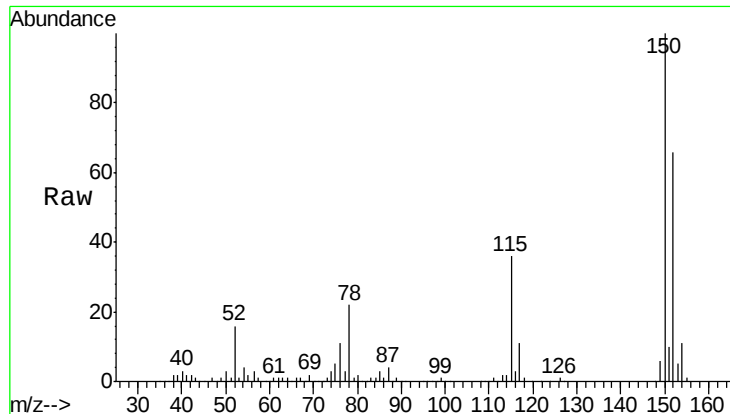
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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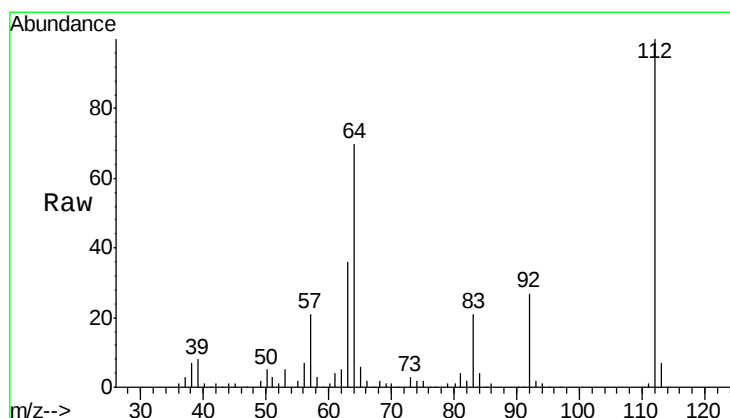
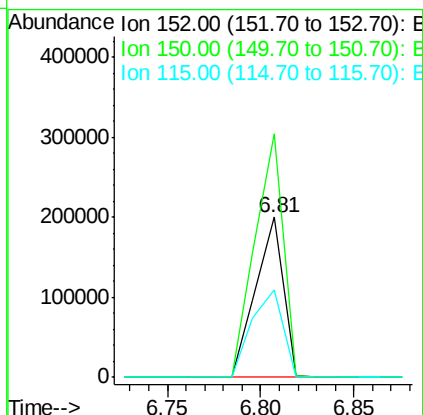
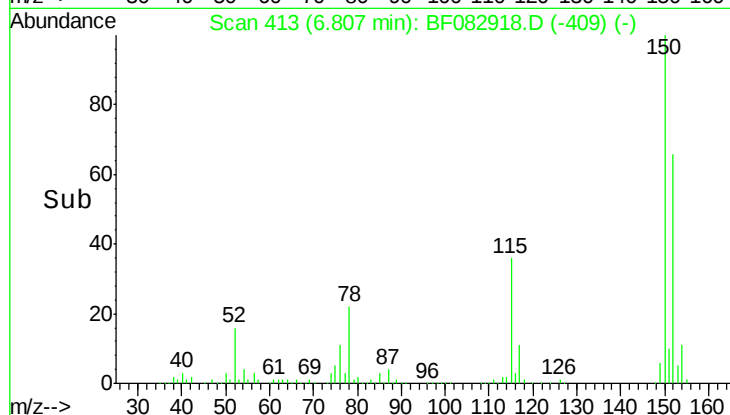




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

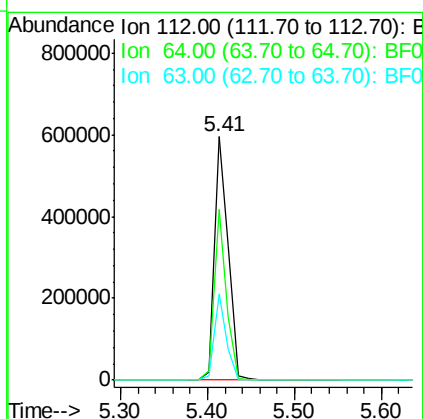
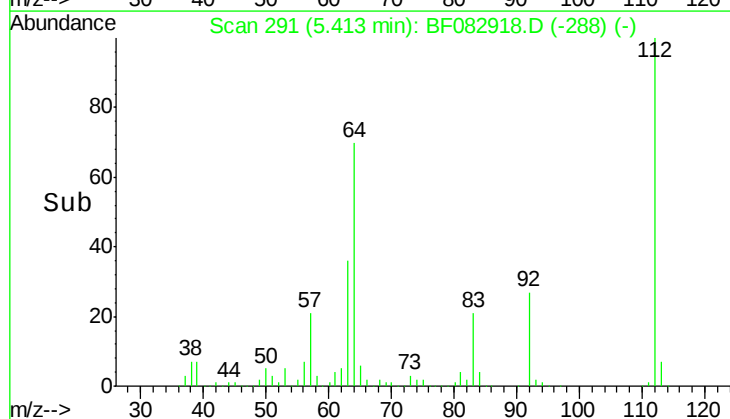
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

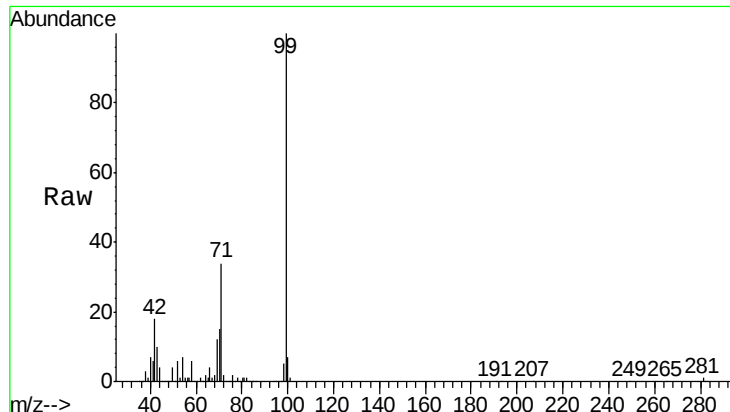
Tot Ion:152 Resp: 205029
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.0 190.4
 115 54.8 47.0 70.6



#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





#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

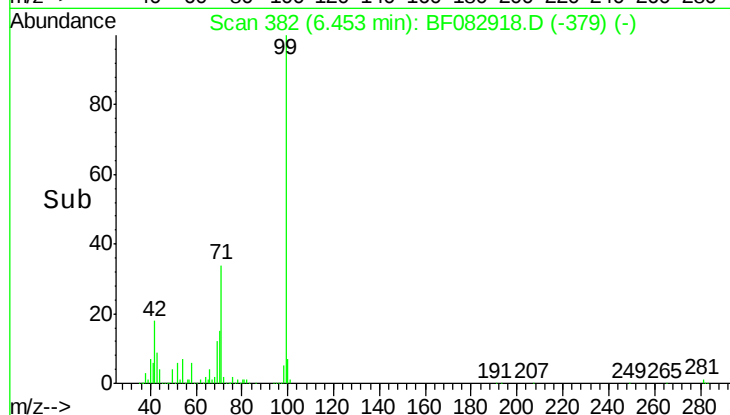
Tot Ion: 99 Resp: 605021

Ion Ratio Lower Upper

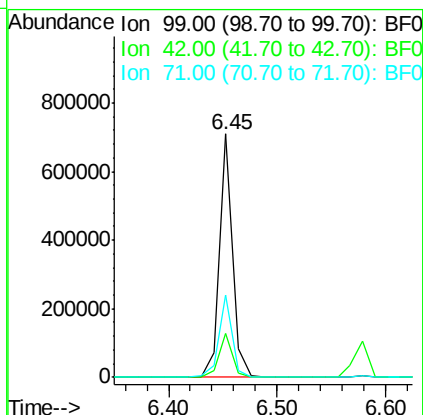
99 100

42 18.1 19.2 28.8#

71 34.0 35.0 52.4#



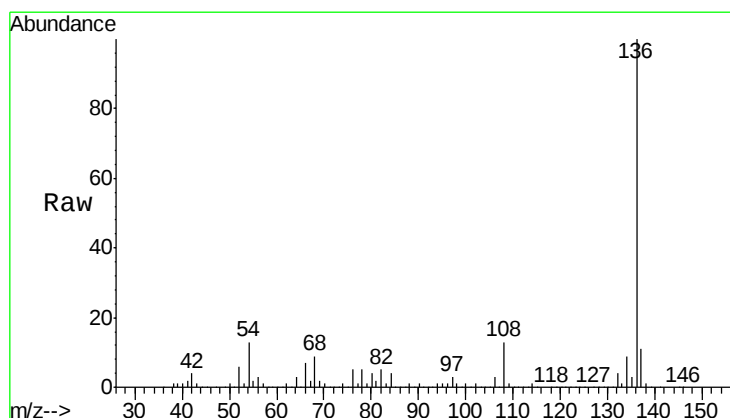
Scan 382 (6.453 min): BF082918.D (-379) (-)



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

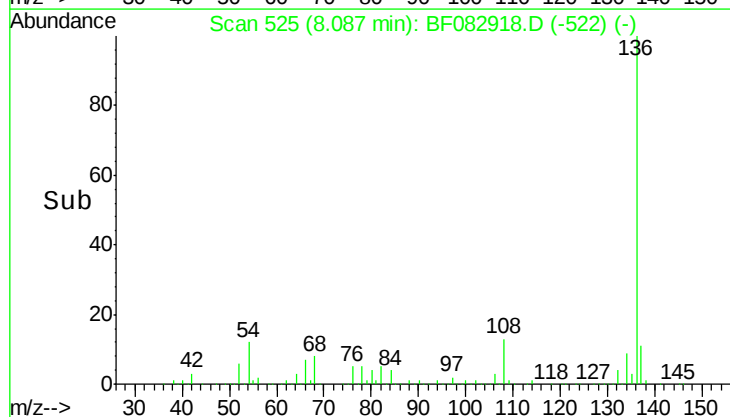
Ion Ratio Lower Upper

136 100

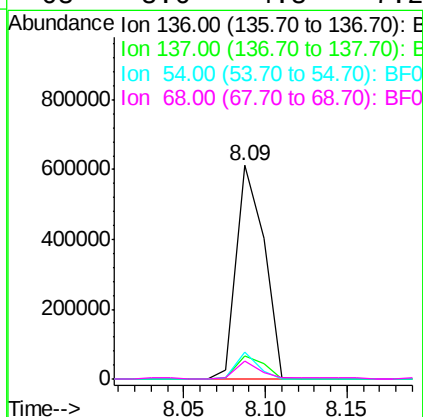
137 11.1 9.1 13.7

54 12.6 9.1 13.7

68 8.6 4.8 7.2#



Scan 525 (8.087 min): BF082918.D (-522) (-)

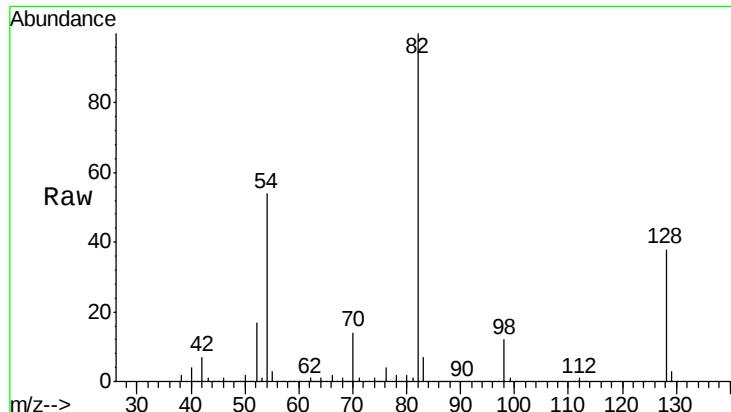


Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

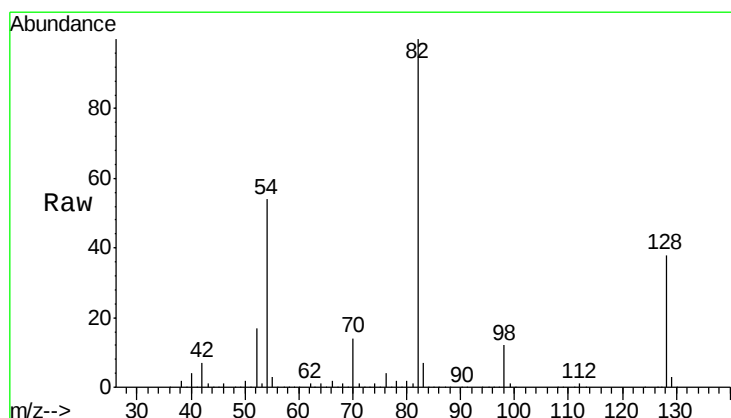
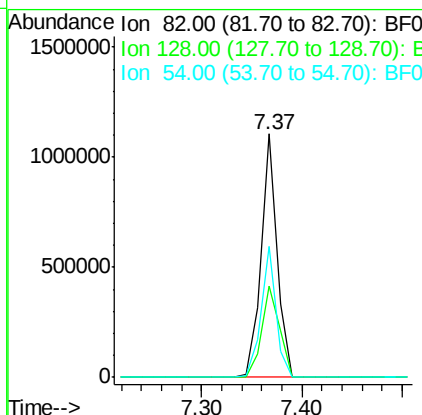
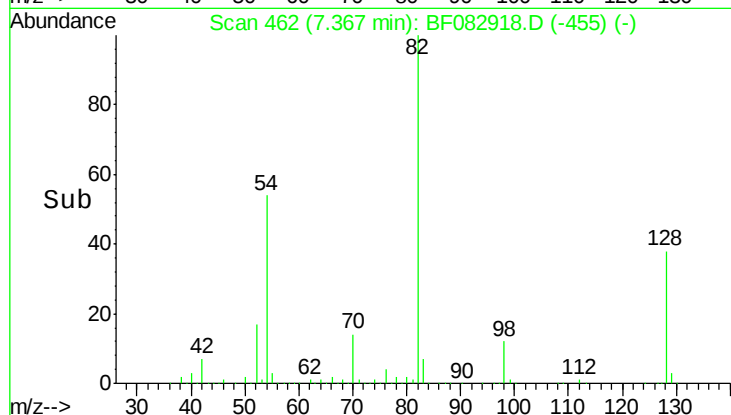
Ion 68.00 (67.70 to 68.70): BF0



#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

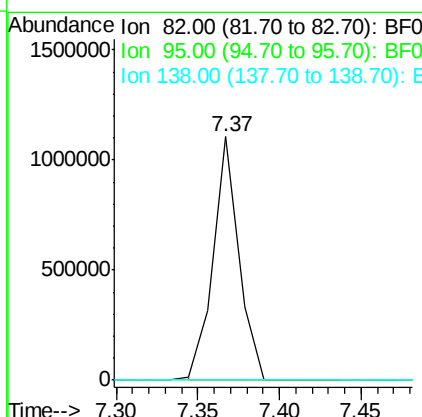
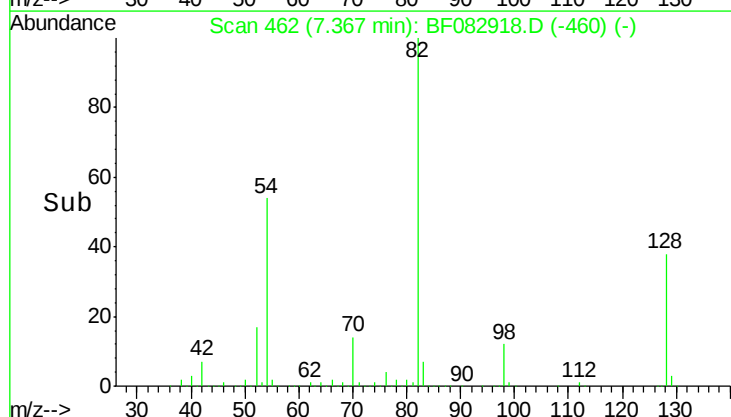
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

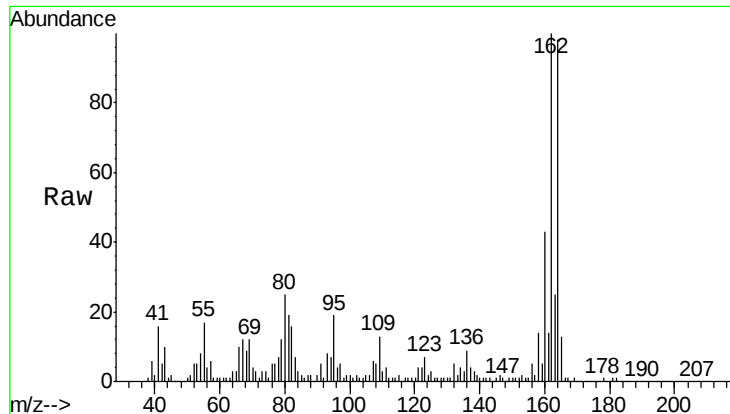
Tot Ion: 82 Resp: 1216489
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.8 40.2
 54 53.7 45.7 68.5



#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#





#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

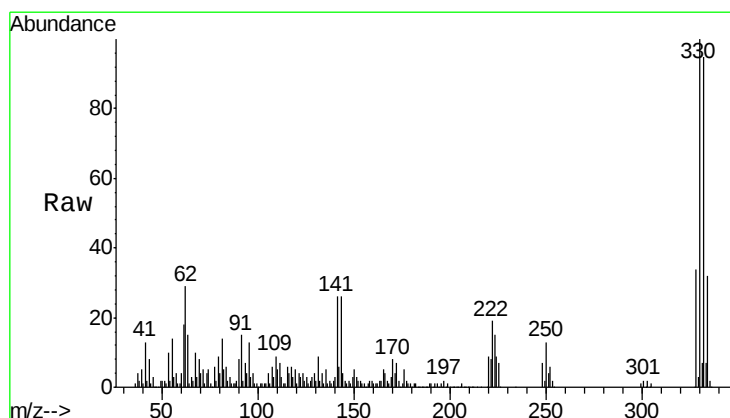
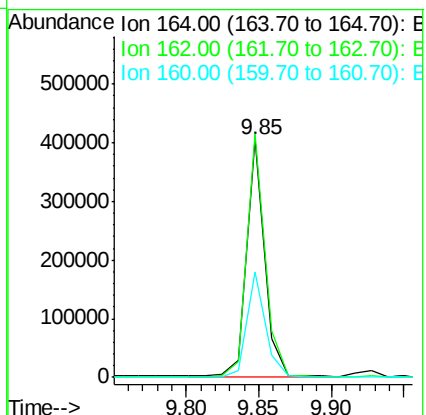
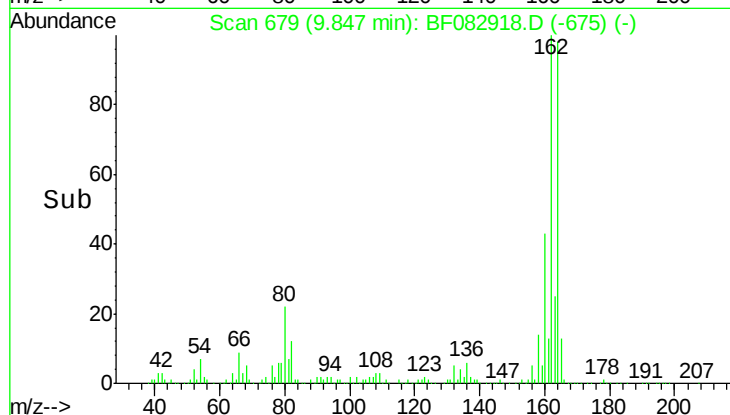
Tot Ion:164 Resp: 347886

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

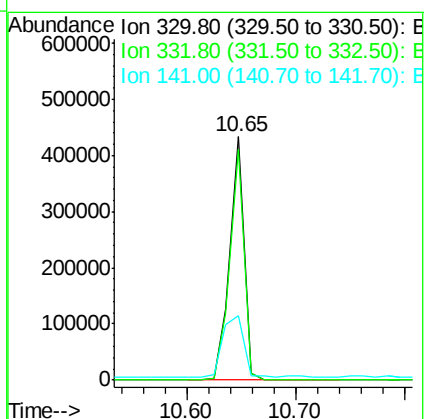
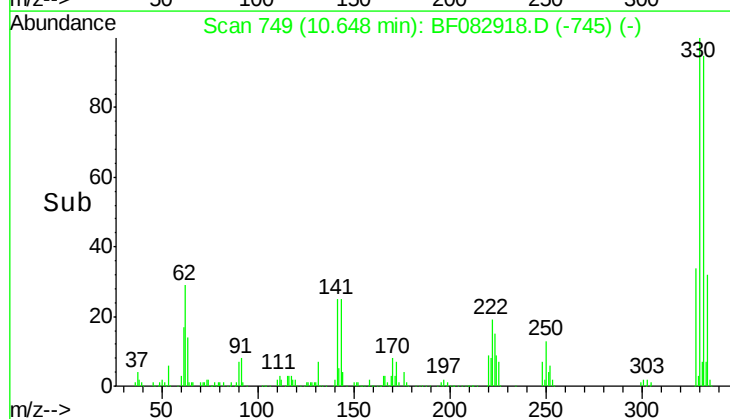
Tgt Ion:330 Resp: 395845

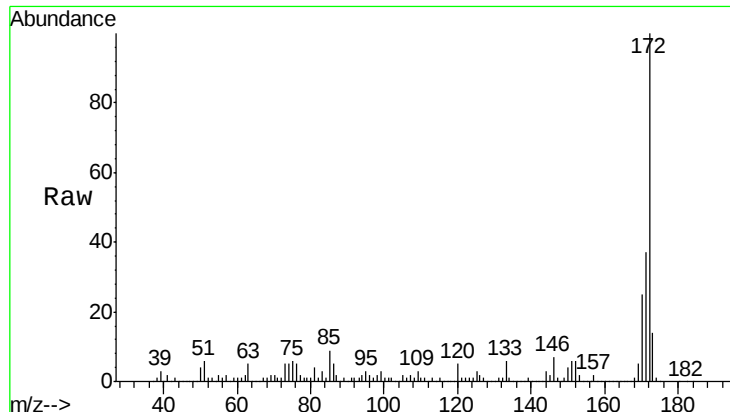
Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

141 37.9 41.2 61.8#

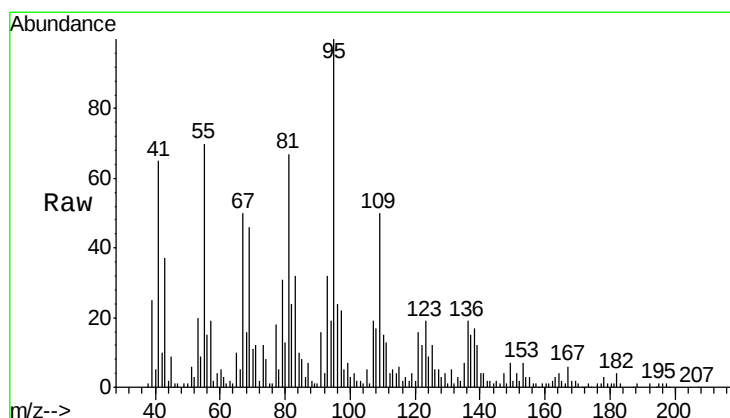
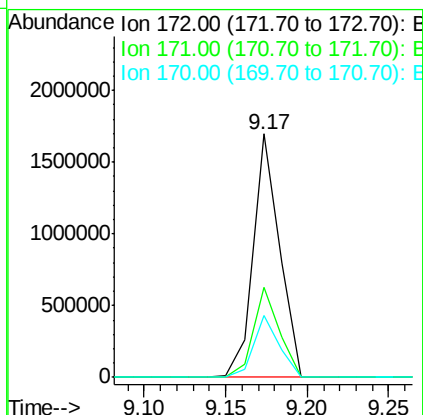
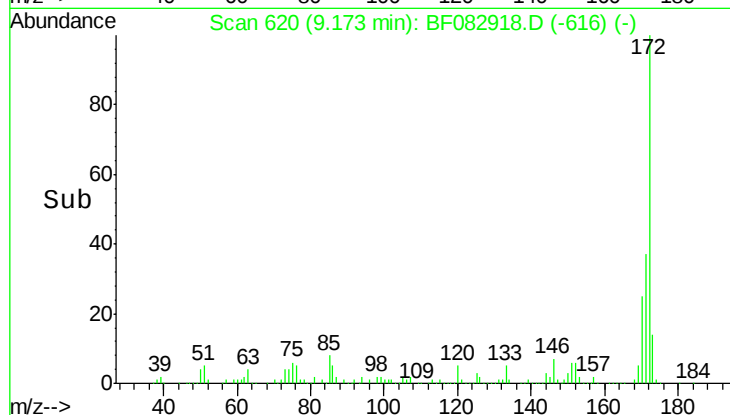




#44
 2-Fluorobiphenyl
 Concen: 78.32 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

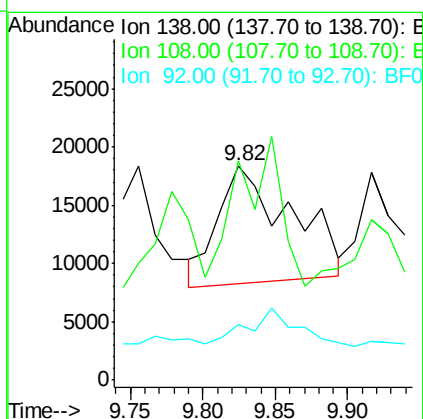
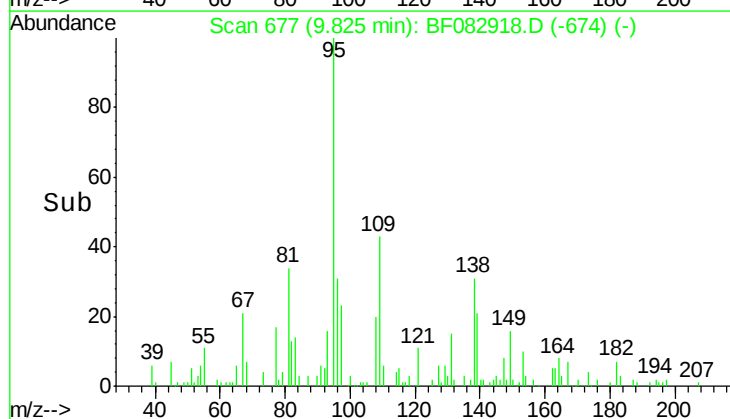
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

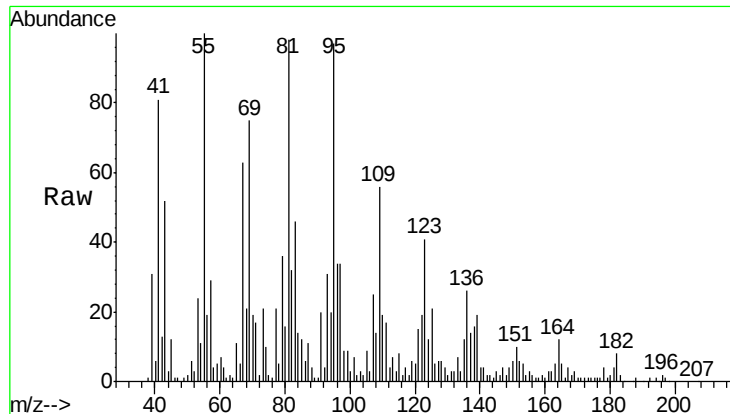
Tot Ion:172 Resp: 1901164
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.4 21.2 31.8



#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#

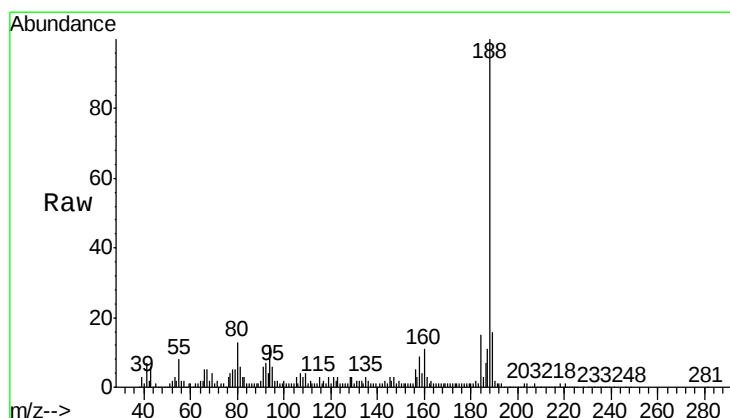
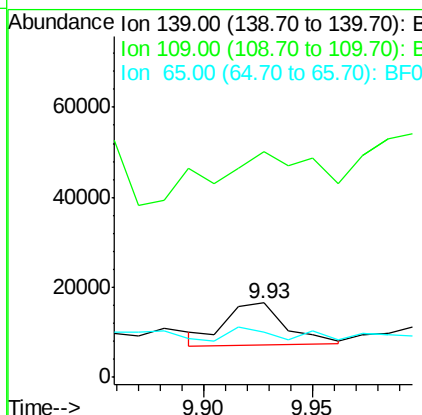
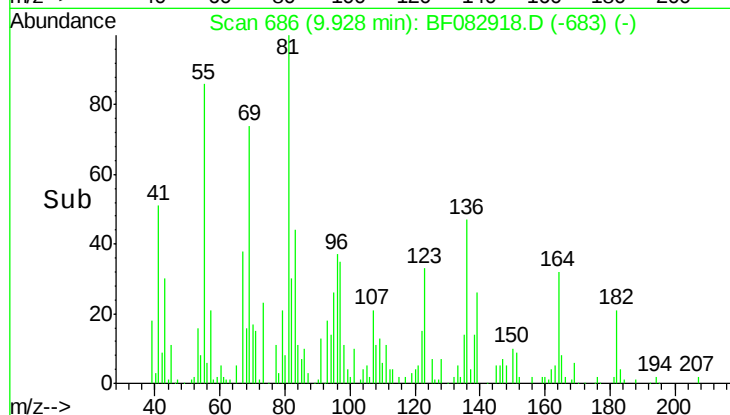




#55
 4-Nitrophenol
 Concen: 3.54 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.07 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

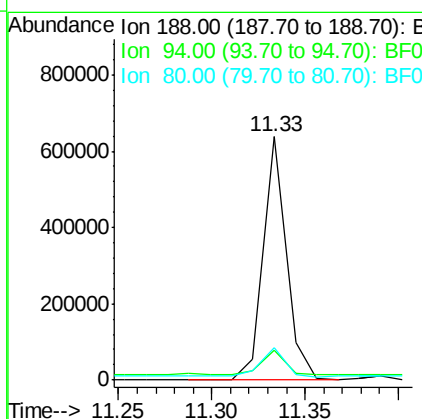
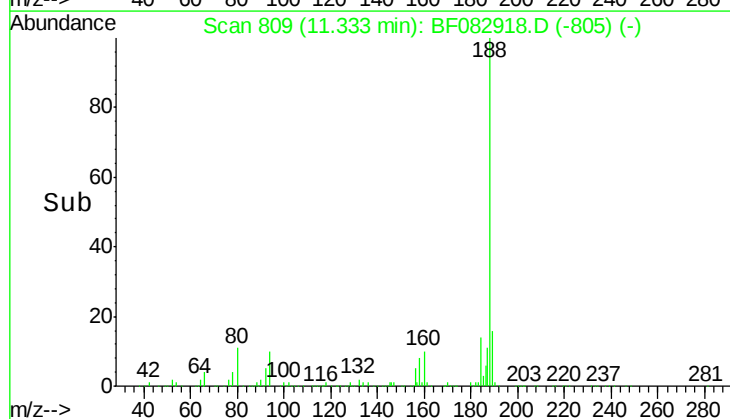
Tot Ion	Ratio	Lower	Upper
139	100		
109	301.7	73.7	113.7#
65	60.0	82.9	122.9#

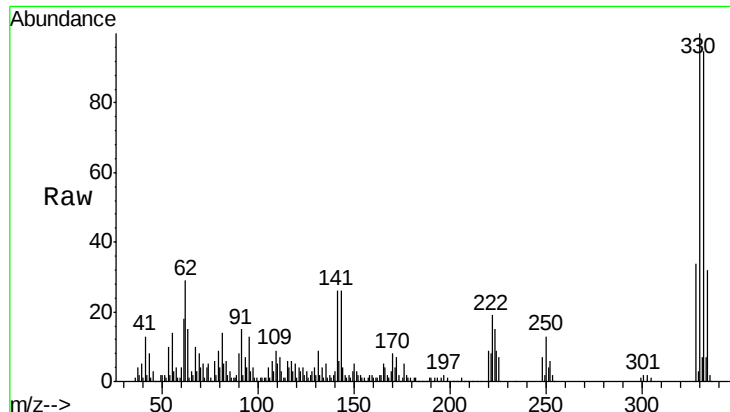
Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07



#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	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

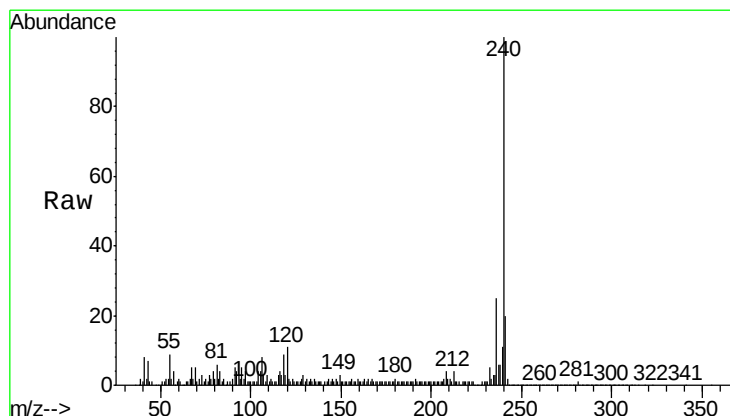
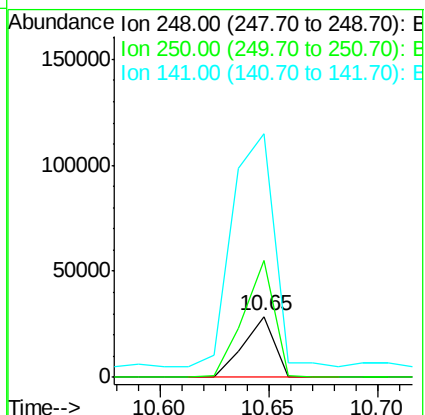
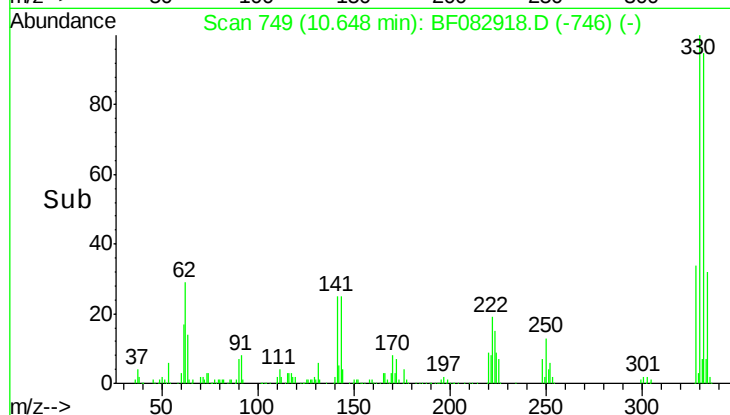
Tot Ion:248 Resp: 28588

Ion Ratio Lower Upper

248 100

250 192.7 79.4 119.2#

141 400.5 36.3 54.5#



#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

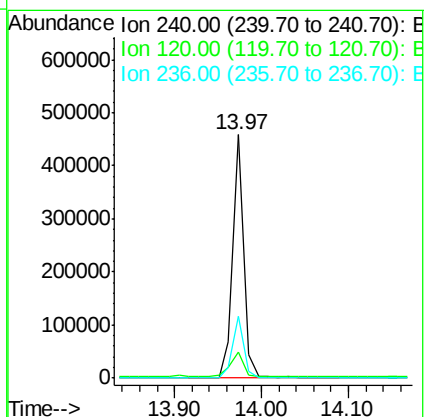
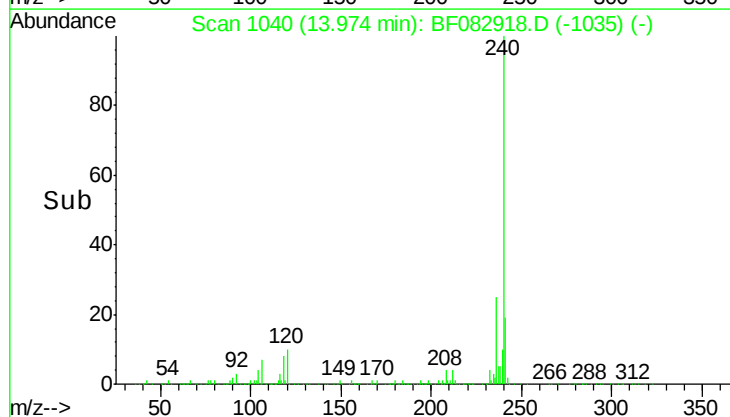
Tgt Ion:240 Resp: 394369

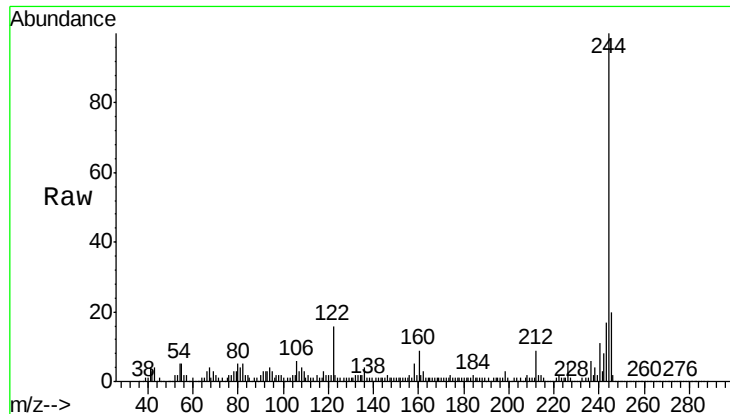
Ion Ratio Lower Upper

240 100

120 10.7 10.9 16.3#

236 25.4 21.6 32.4



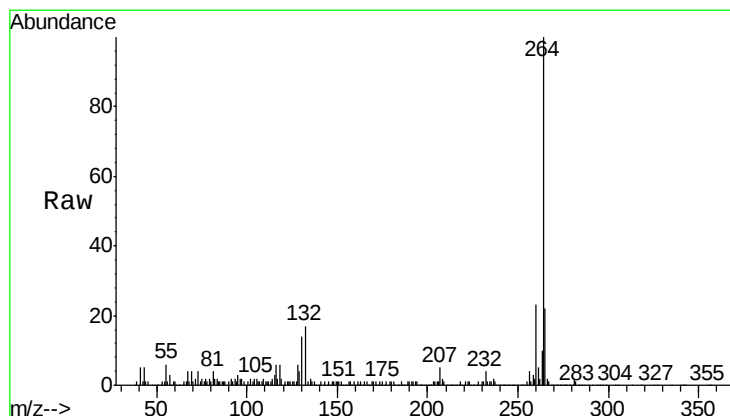
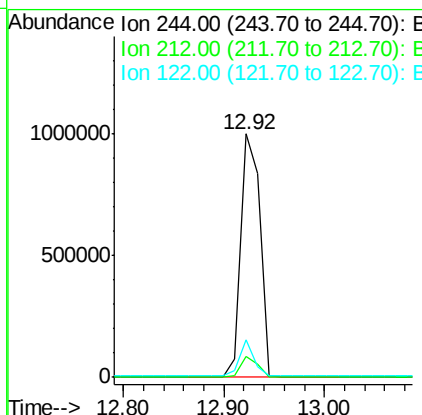
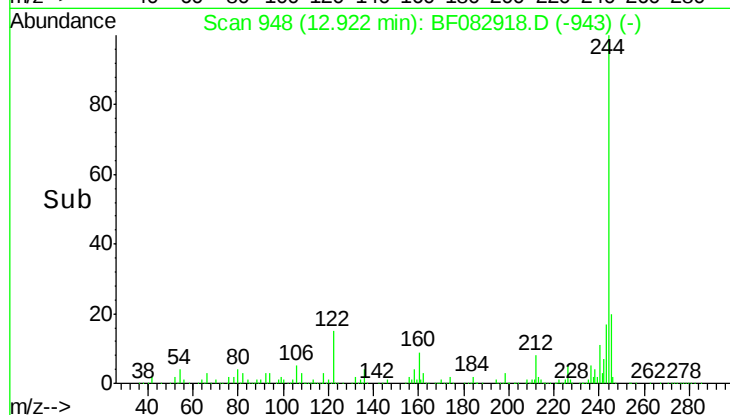


#78
 Terphenyl-d14
 Concen: 79.22 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082918.D
 Acq: 14 Nov 2015 2:19

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Tot Ion:244 Resp: 1317295

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	15.5	11.3	16.9



#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

