

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082935.D
 Acq On : 14 Nov 2015 10:35
 Operator : UM/IZ
 Sample : G4382-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Quant Time: Nov 16 00:19:13 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

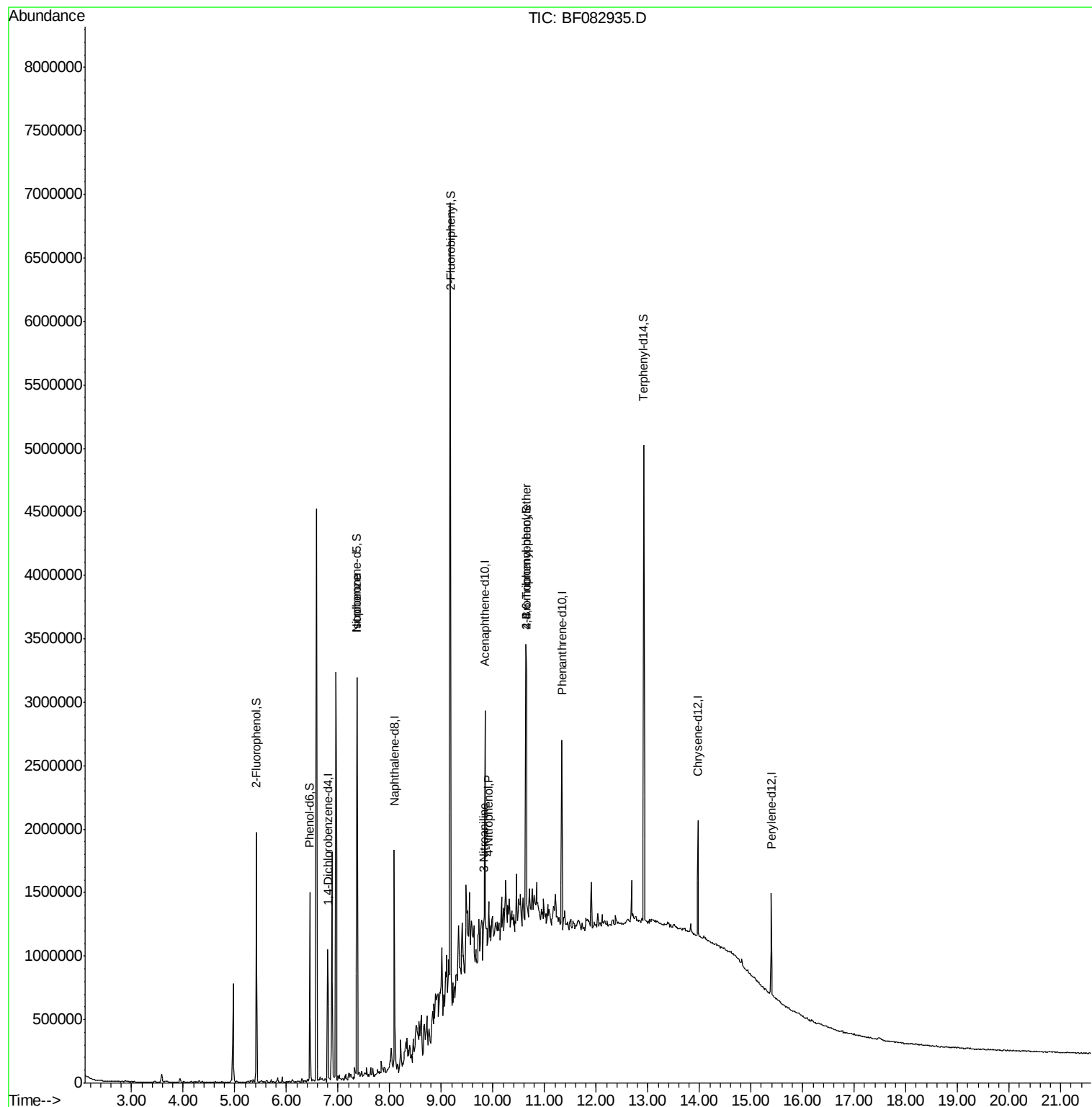
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	176043	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	663841	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	326460	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	543616	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	368998	20.00	ng	-0.05
86) Perylene-d12	15.39	264	368295	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	582208	51.46	ng	-0.03
7) Phenol-d6	6.45	99	510787	33.96	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1089356	71.40	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	384450	102.71	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1717090	75.38	ng	-0.05
78) Terphenyl-d14	12.92	244	1260739	81.04	ng	-0.04
Target Compounds						
25) Isophorone	7.37	82	1079098	38.23	ng	# 70
52) 3-Nitroaniline	9.82	138	30181	4.81	ng	# 1
55) 4-Nitrophenol	9.92	139	12331	2.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	24587	3.76	ng	# 1

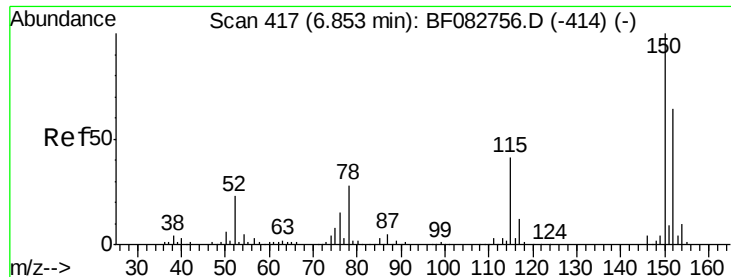
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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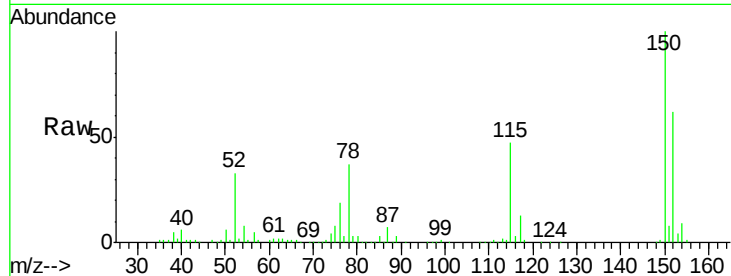




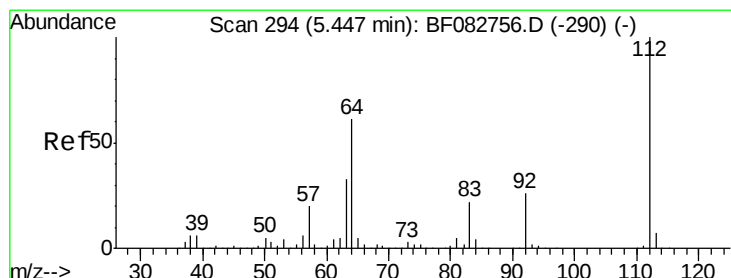
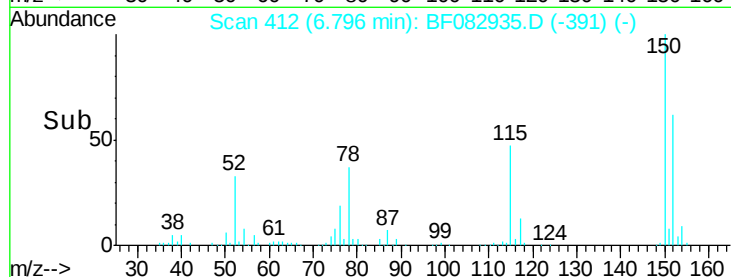
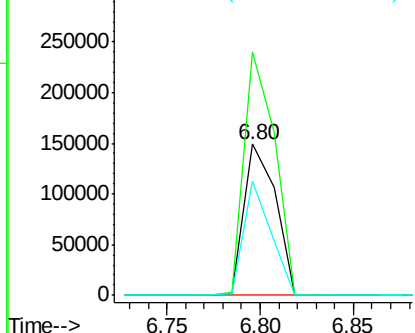
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Tgt Ion:152 Resp: 176043
 Ion Ratio Lower Upper
 152 100
 150 161.3 127.0 190.4
 115 75.8 47.0 70.6#

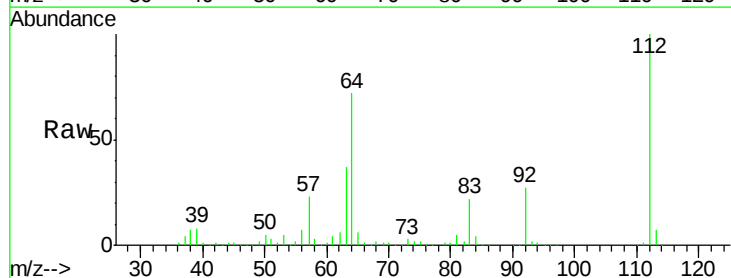


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

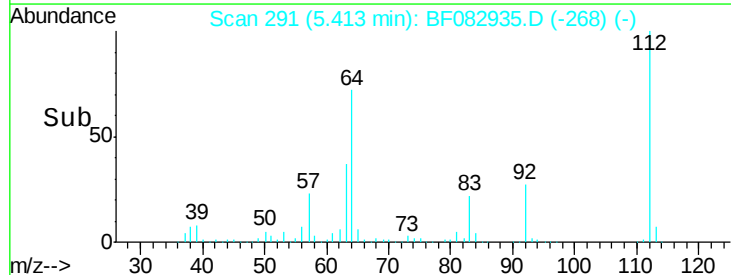
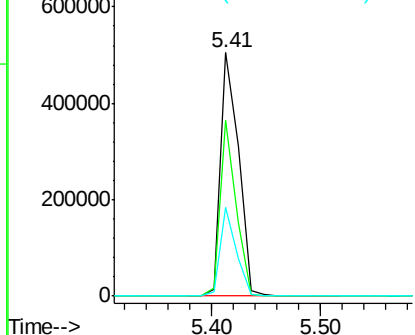


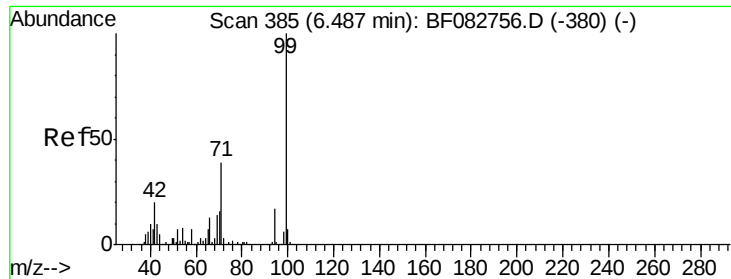
#5
 2-Fluorophenol
 Concen: 51.46 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Tgt Ion:112 Resp: 582208
 Ion Ratio Lower Upper
 112 100
 64 72.2 48.9 73.3
 63 36.6 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: 33.96 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082935.D

Acq: 14 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

URS MW-07

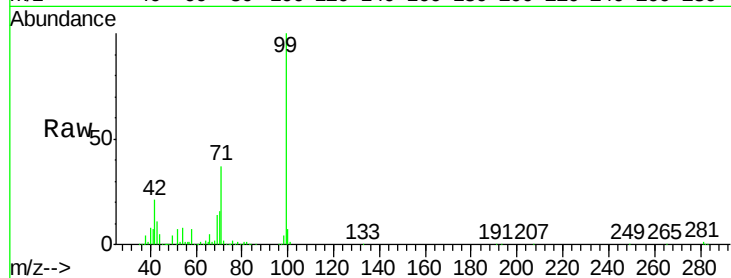
Tgt Ion: 99 Resp: 510787

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

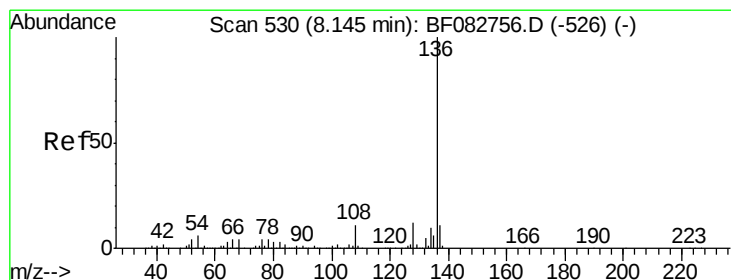
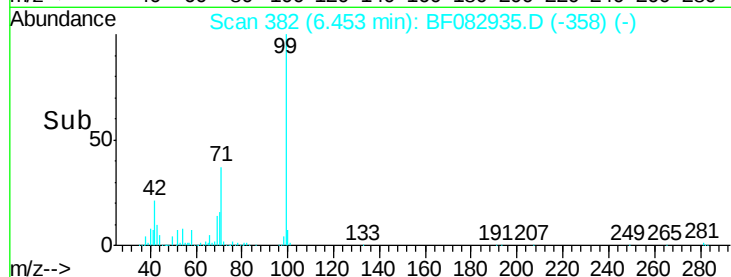
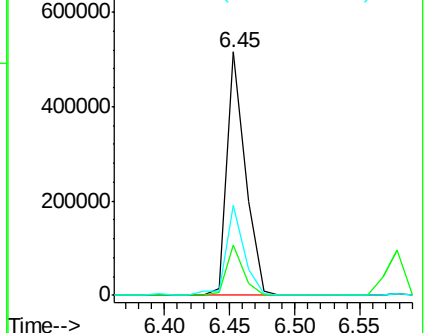
71 36.9 35.0 52.4



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: BF082935.D

Acq: 14 Nov 2015 10:35

Tgt Ion: 136 Resp: 663841

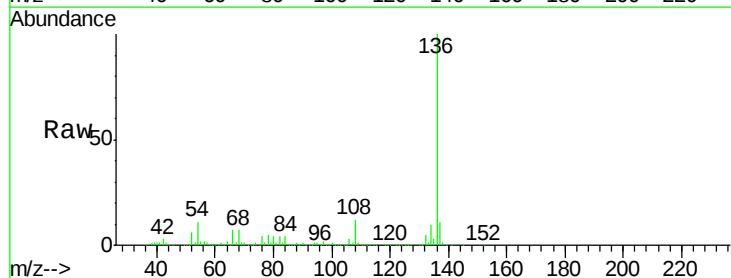
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.7 9.1 13.7

68 7.2 4.8 7.2#

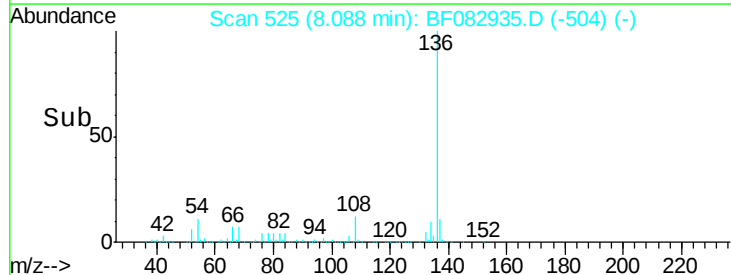
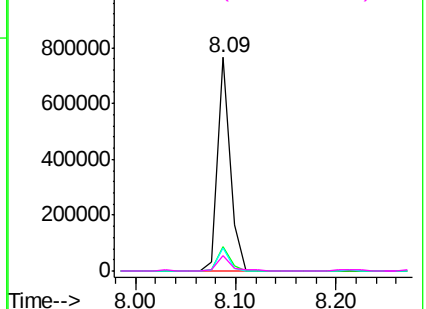


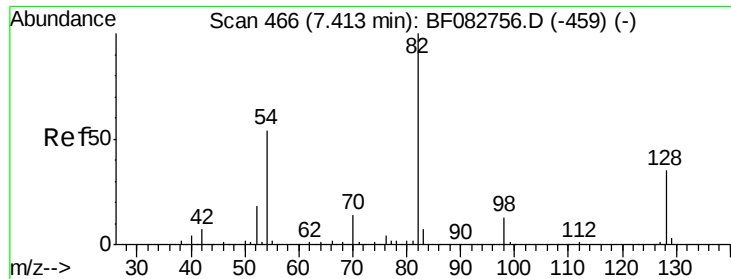
Abundance Ion 136.00 (135.70 to 136.70): E

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

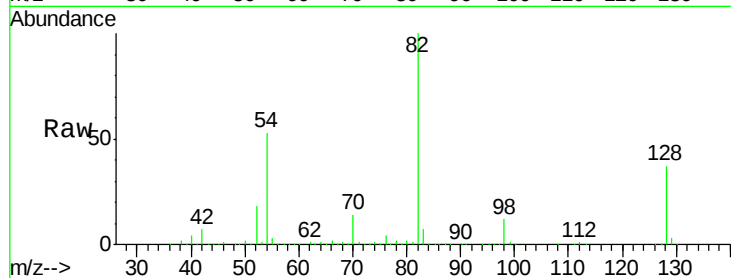




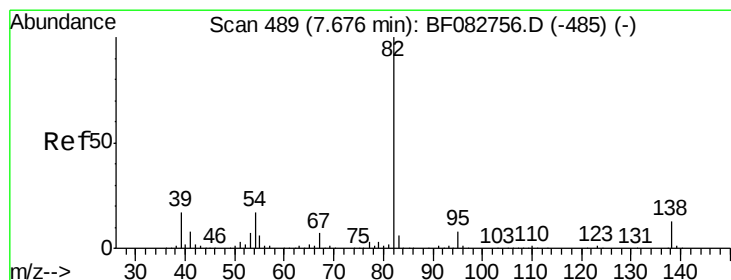
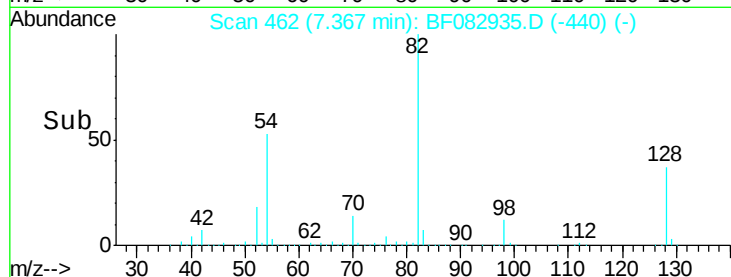
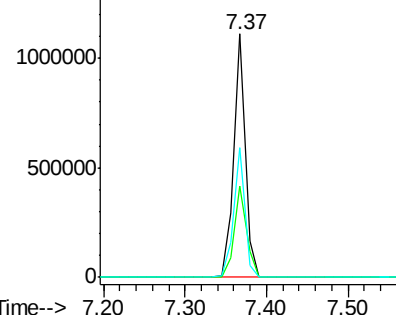
#23
 Nitrobenzene-d5
 Concen: 71.40 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Tgt Ion: 82 Resp: 1089356
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 53.1 45.7 68.5

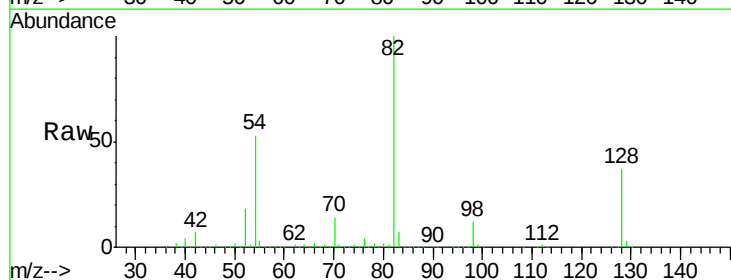


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

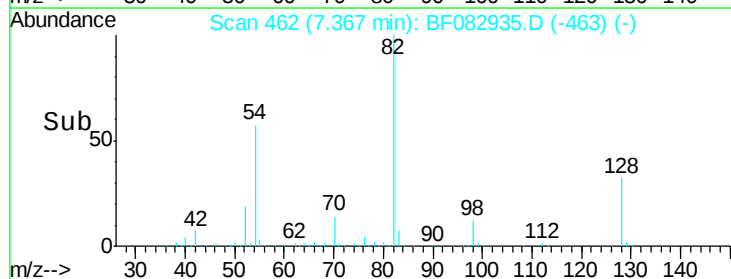
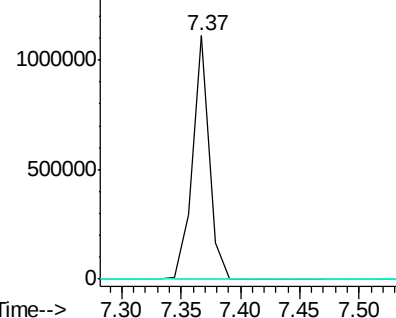


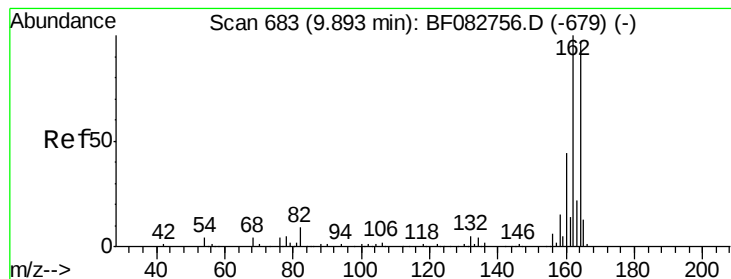
#25
 Isophorone
 Concen: 38.23 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Tgt Ion: 82 Resp: 1079098
 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: BF082935.D

Acq: 14 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

URS MW-07

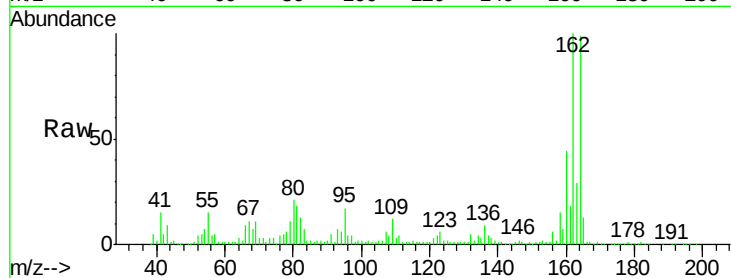
Tgt Ion:164 Resp: 326460

Ion Ratio Lower Upper

164 100

162 100.8 84.9 127.3

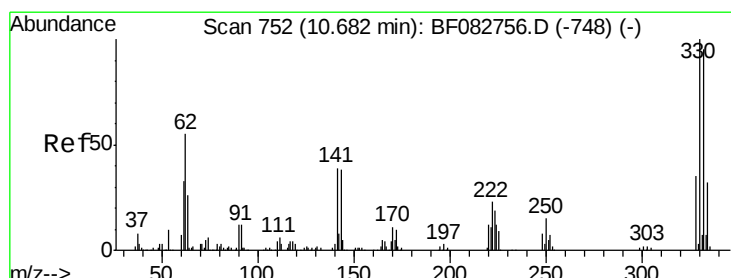
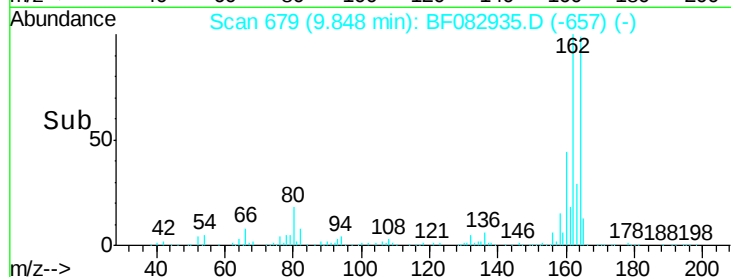
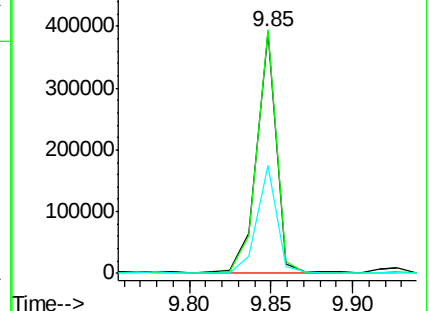
160 44.5 37.5 56.3



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: 102.71 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF082935.D

Acq: 14 Nov 2015 10:35

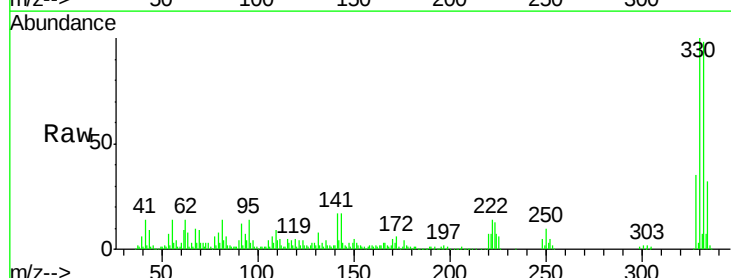
Tgt Ion:330 Resp: 384450

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

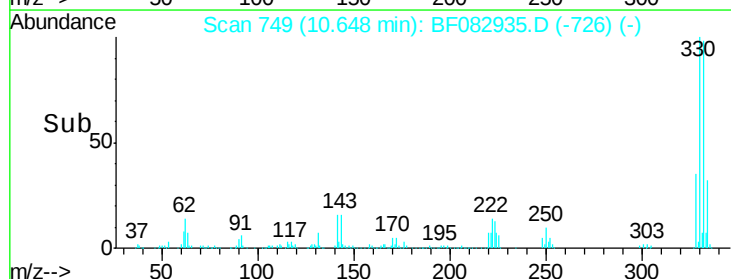
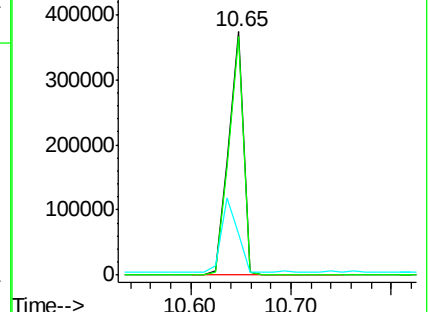
141 33.6 41.2 61.8#

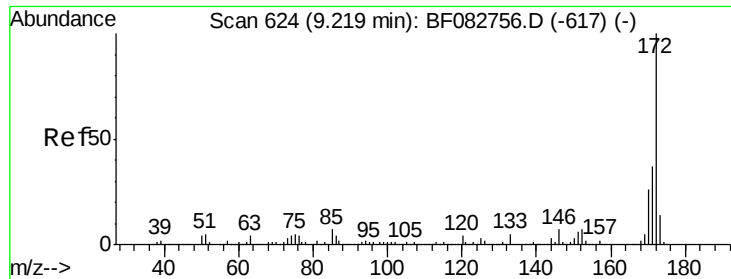


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

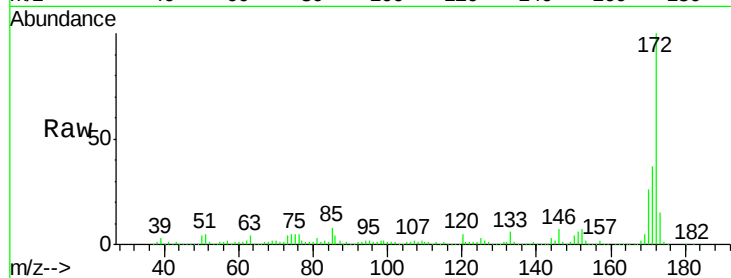




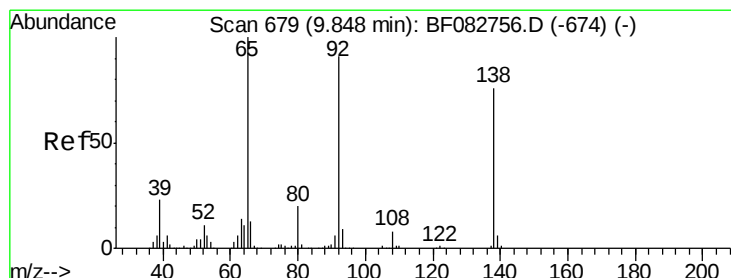
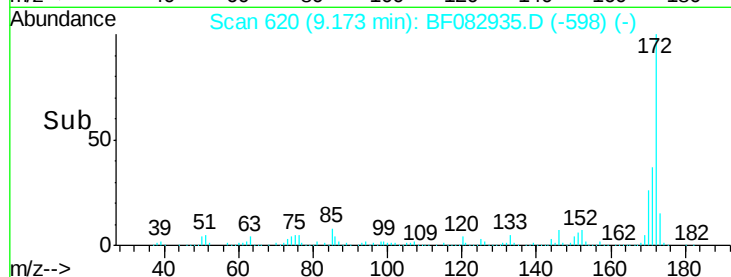
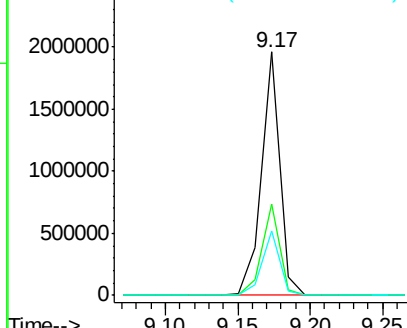
#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Tgt Ion:172 Resp: 1717090
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 26.3 21.2 31.8

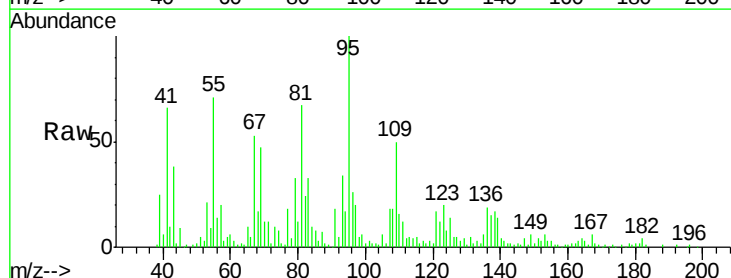


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

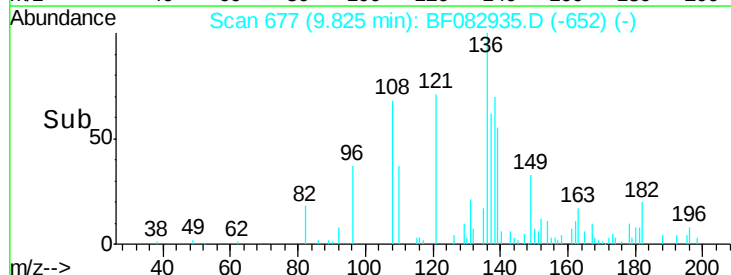
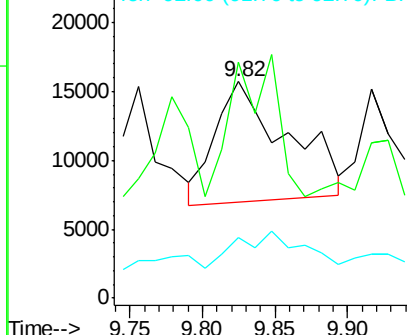


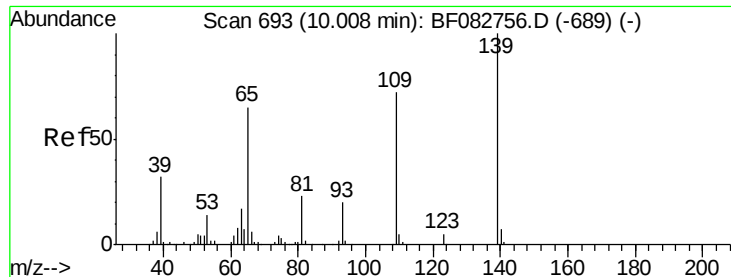
#52
 3-Nitroaniline
 Concen: 4.81 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Tgt Ion:138 Resp: 30181
 Ion Ratio Lower Upper
 138 100
 108 109.2 11.3 16.9#
 92 27.8 122.4 183.6#



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

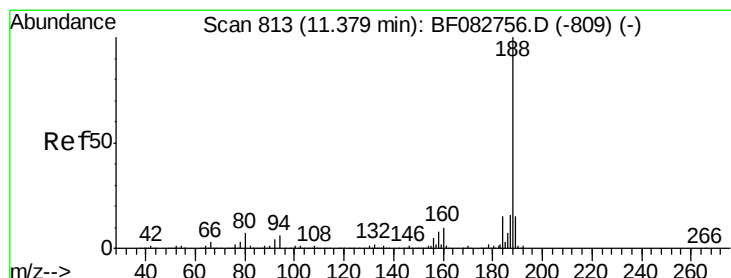
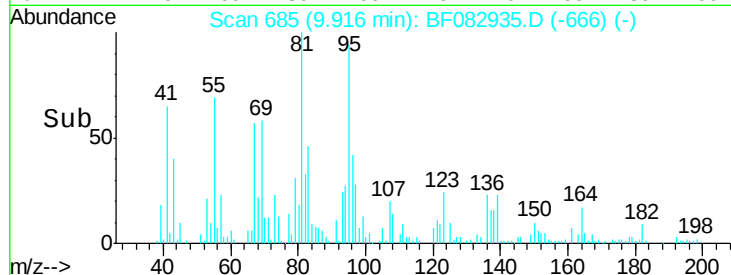
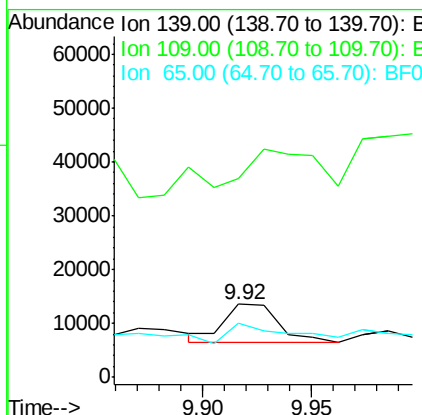
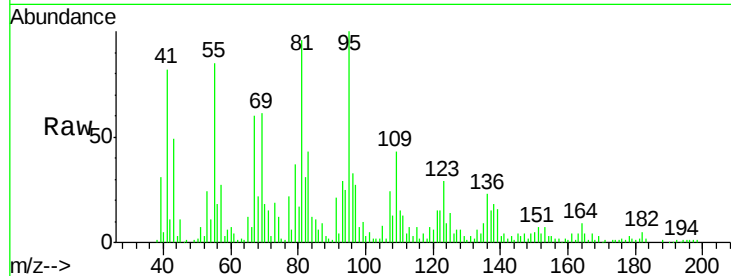




#55
4-Nitrophenol
Concen: 2.56 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.08 min
Lab File: BF082935.D
Acq: 14 Nov 2015 10:35

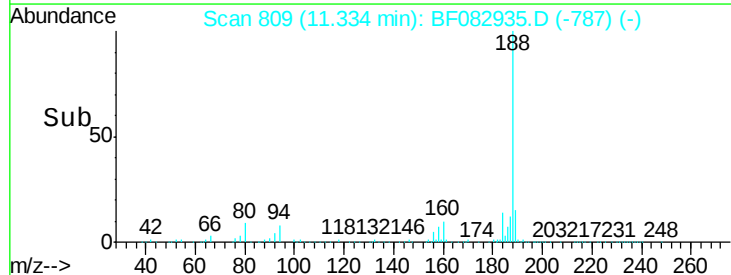
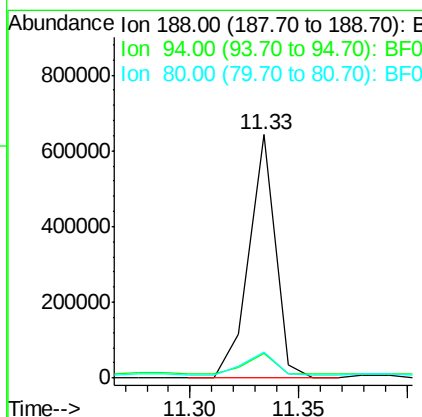
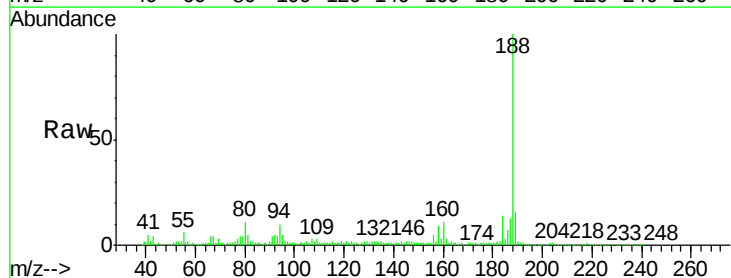
Instrument :
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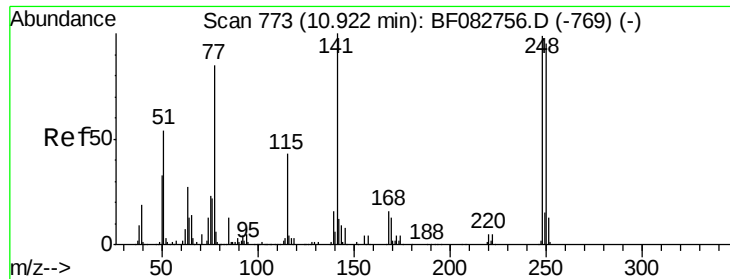
Tgt Ion:139 Resp: 12331
Ion Ratio Lower Upper
139 100
109 273.0 73.7 113.7#
65 74.1 82.9 122.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082935.D
Acq: 14 Nov 2015 10:35

Tgt Ion:188 Resp: 543616
Ion Ratio Lower Upper
188 100
94 10.1 6.1 9.1#
80 10.9 7.0 10.6#

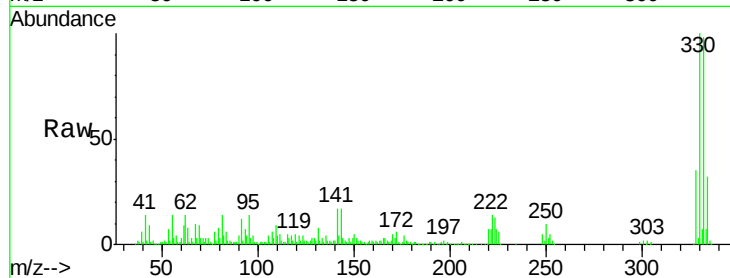




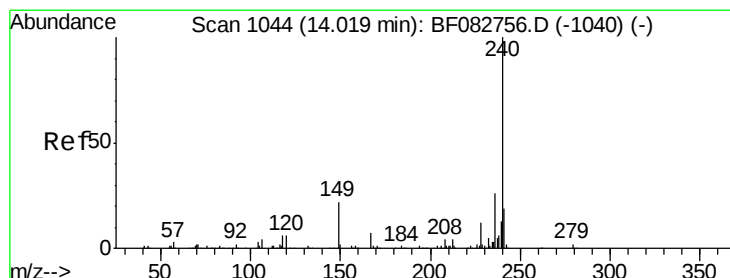
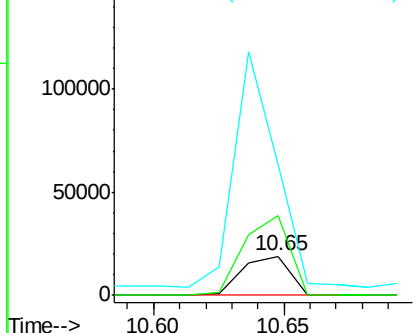
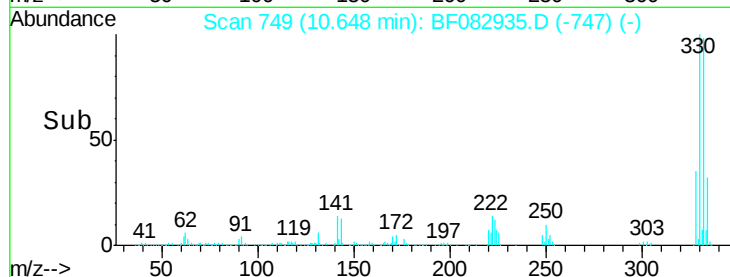
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF082935.D
Acq: 14 Nov 2015 10:35

Instrument :
BNA_F
ClientSampleId :
URS MW-07

Tgt Ion:248 Resp: 24587
Ion Ratio Lower Upper
248 100
250 203.9 79.4 119.2#
141 335.0 36.3 54.5#

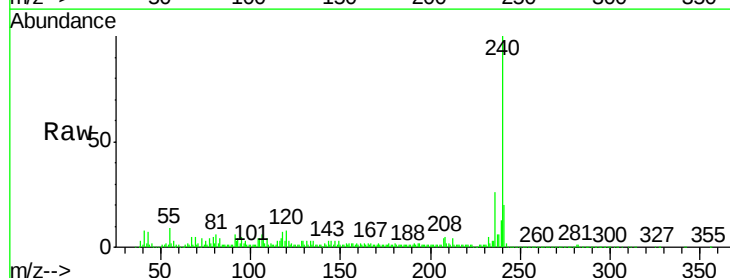


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082935.D
Acq: 14 Nov 2015 10:35

Tgt Ion:240 Resp: 368998
Ion Ratio Lower Upper
240 100
120 7.5 10.9 16.3#
236 26.1 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

