

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 01:06:38 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

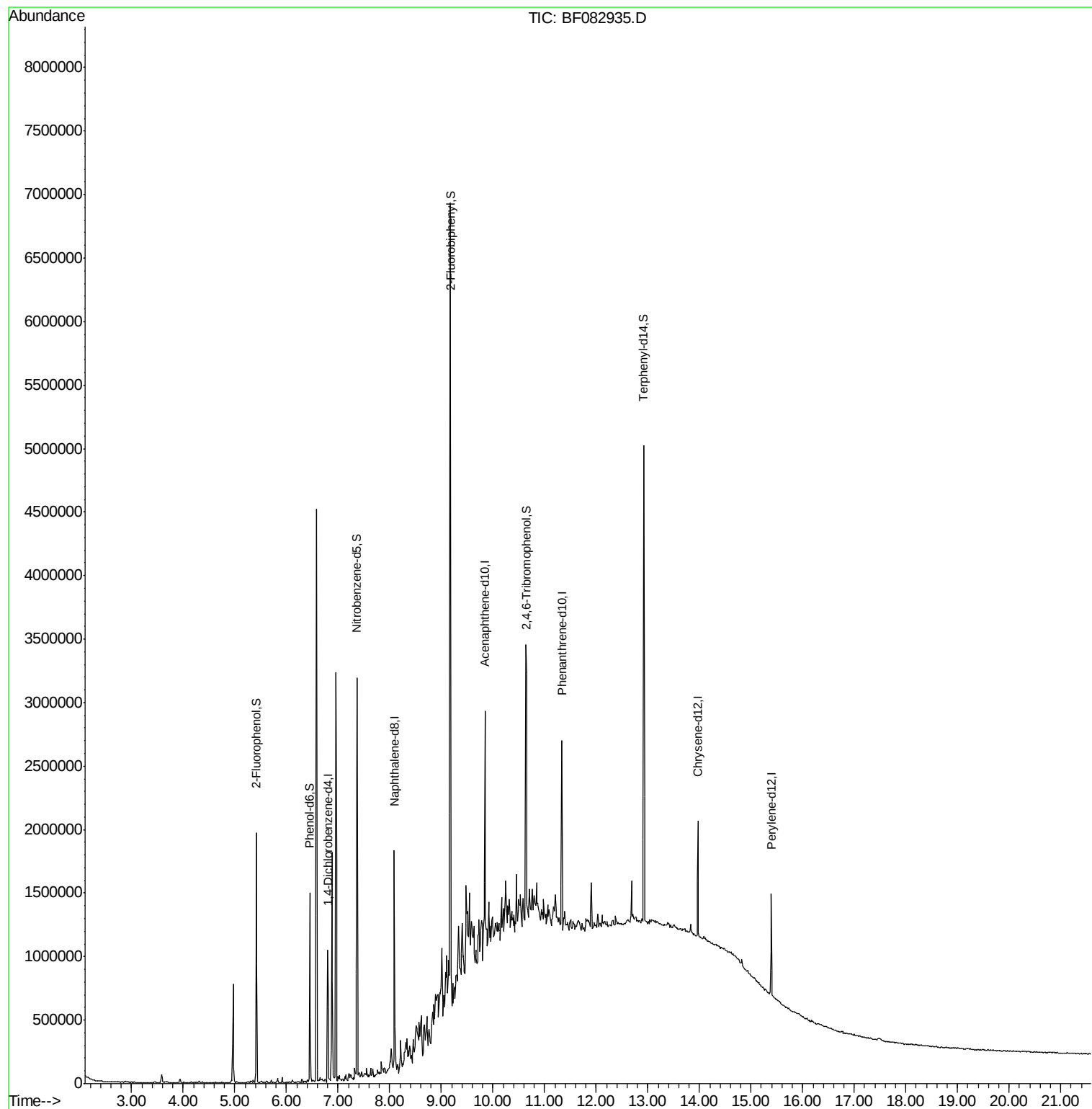
Target Compounds	Qvalue
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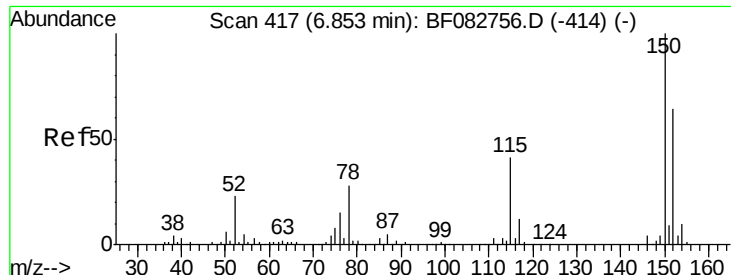
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

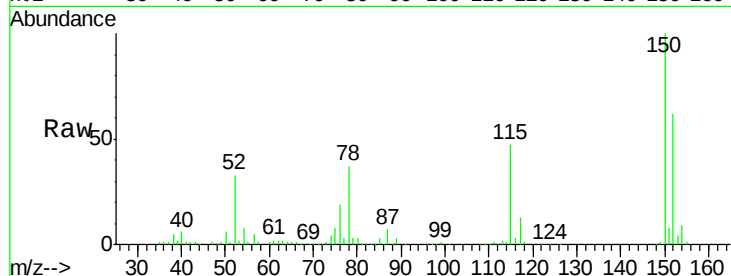
Tgt Ion:152 Resp: 176043

Ion Ratio Lower Upper

152 100

150 161.3 127.0 190.4

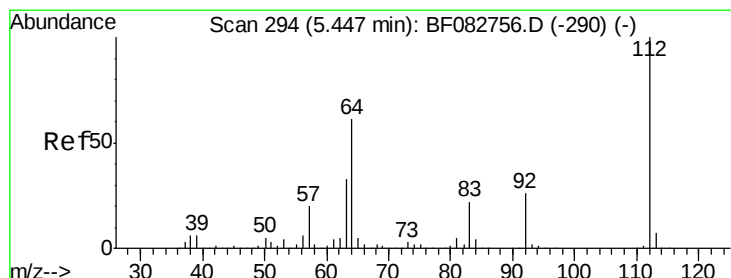
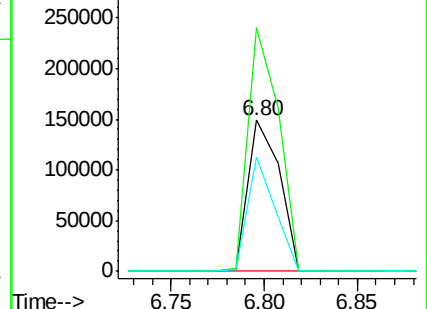
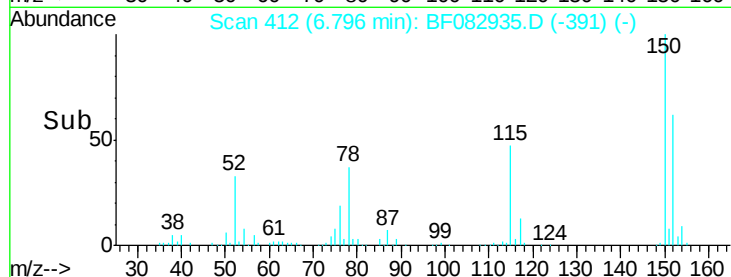
115 75.8 47.0 70.6#



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

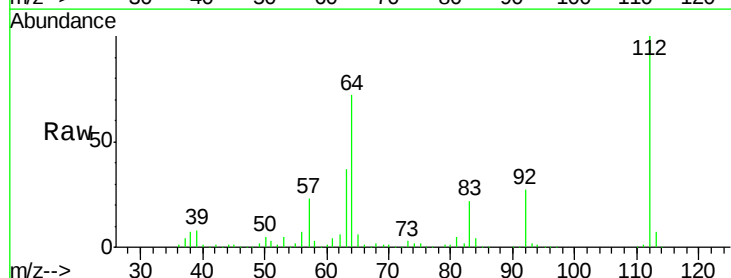
Tgt Ion:112 Resp: 582208

Ion Ratio Lower Upper

112 100

64 72.2 48.9 73.3

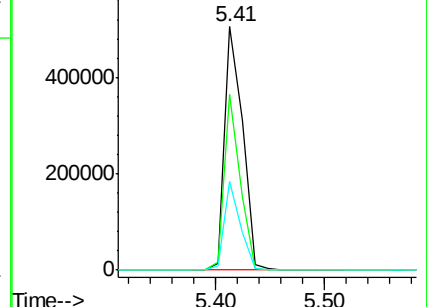
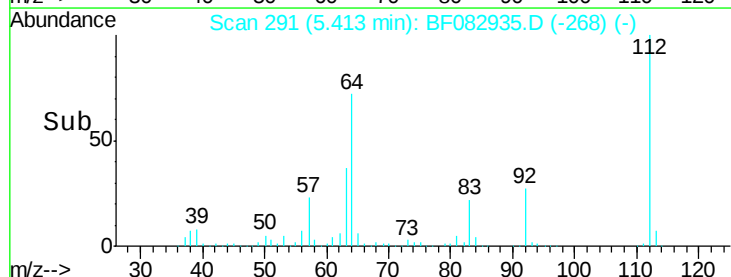
63 36.6 28.1 42.1

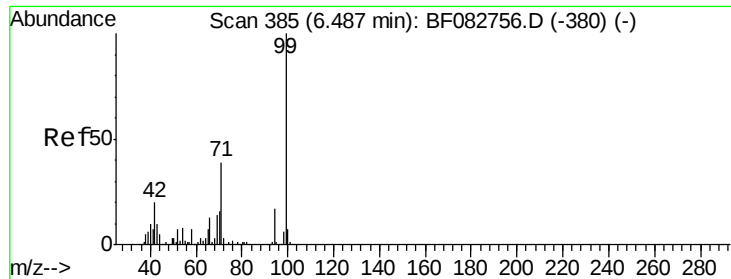


Abundance Ion 112.00 (111.70 to 112.70): E

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

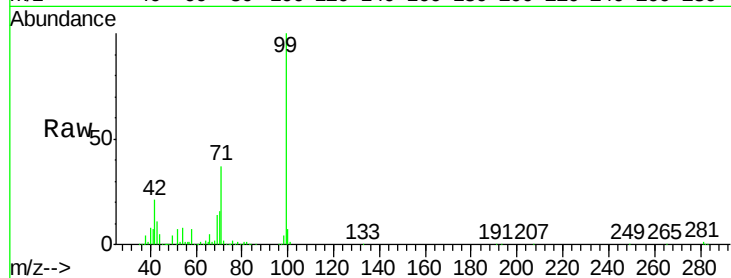
Tgt Ion: 99 Resp: 510787

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

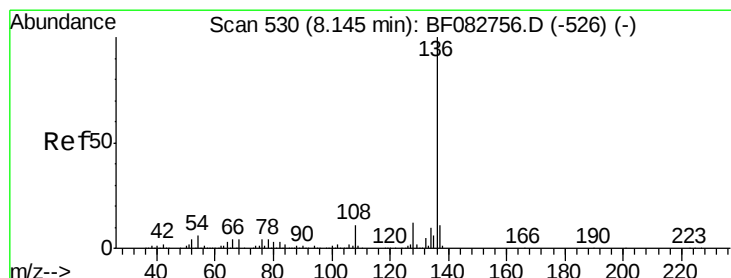
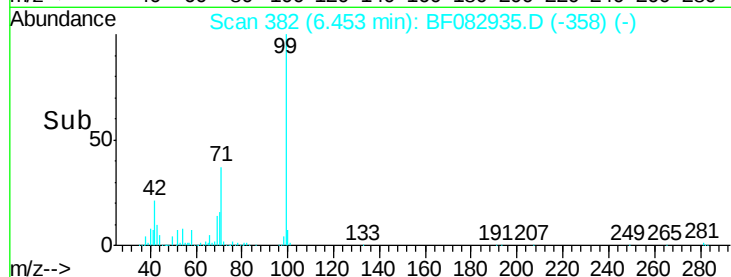
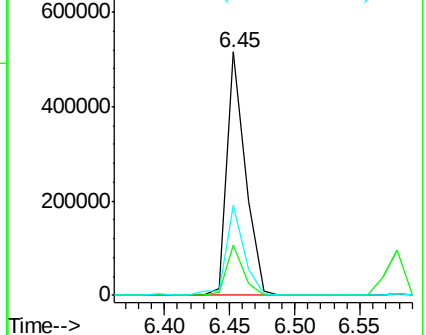
71 36.9 35.0 52.4



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

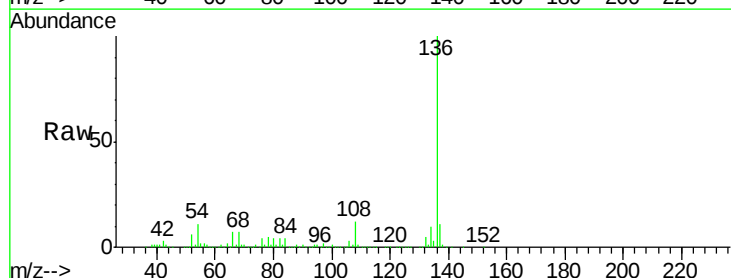
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.7 9.1 13.7

68 7.2 4.8 7.2#

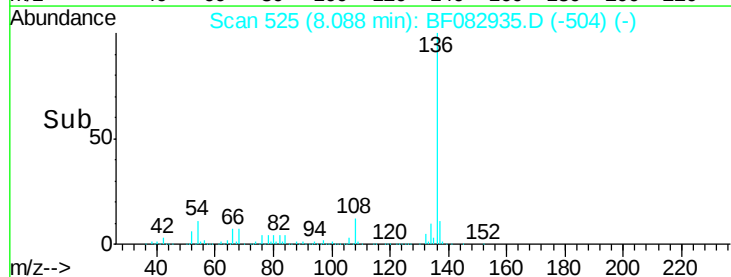
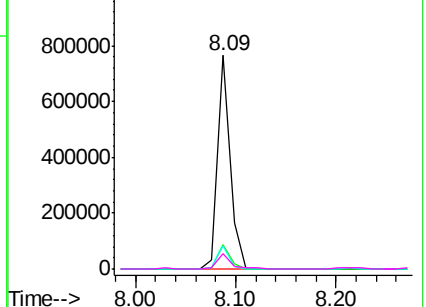


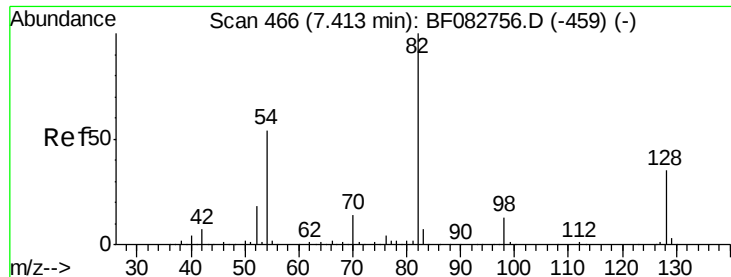
Abundance Ion 136.00 (135.70 to 136.70): E

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

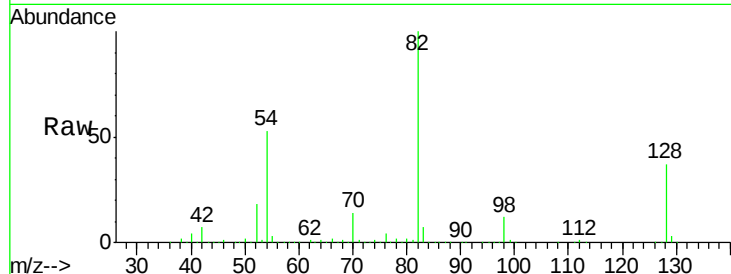




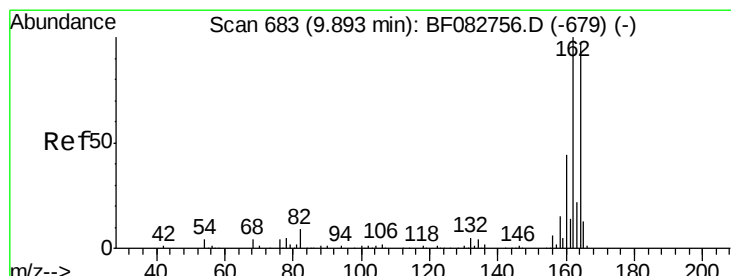
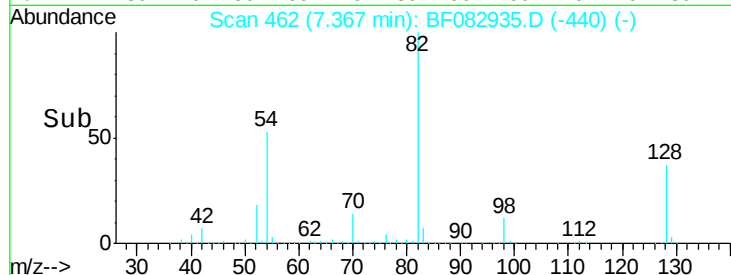
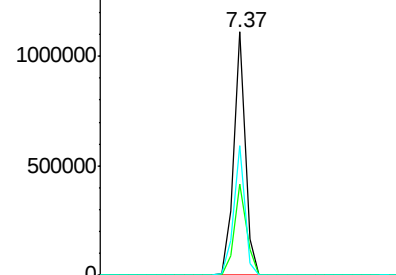
#23
 Nitrobenzene-d5
 Concen: 71.40 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

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

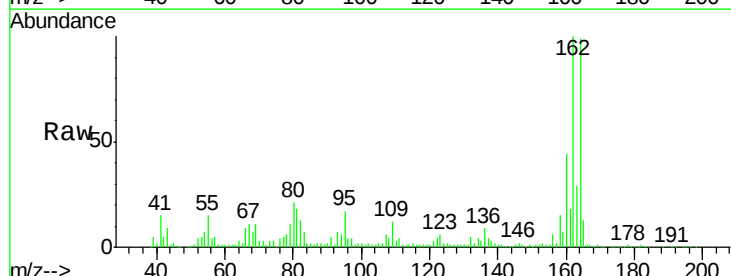


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

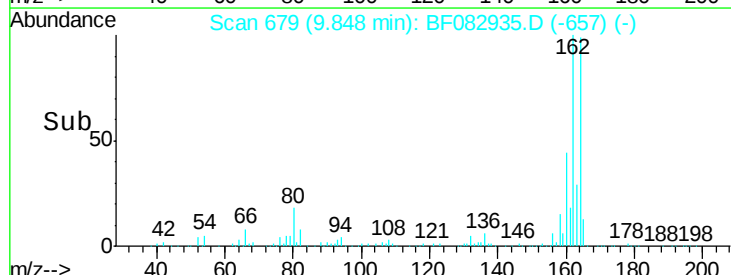
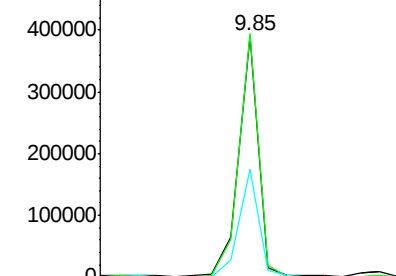


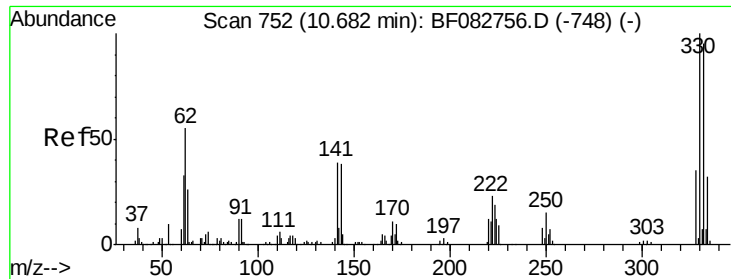
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

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

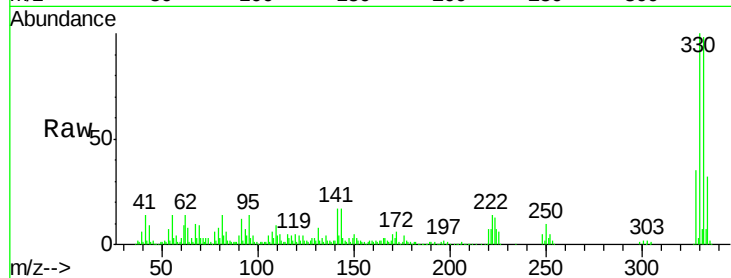




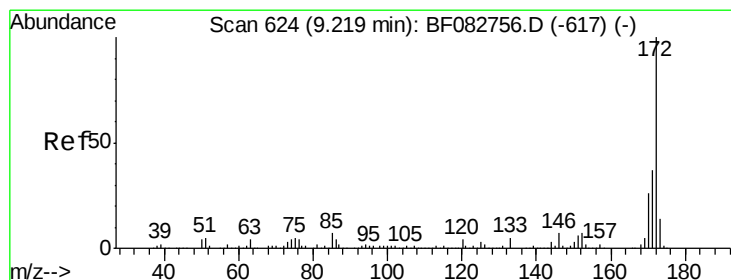
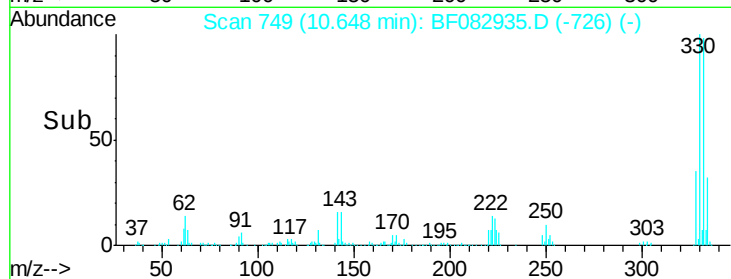
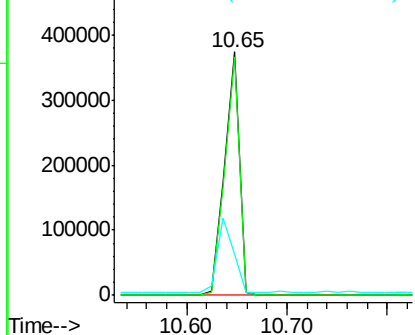
#41
 2,4,6-Tribromophenol
 Concen: 102.71 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

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#

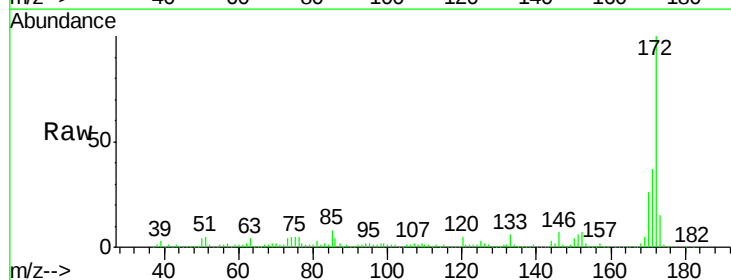


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

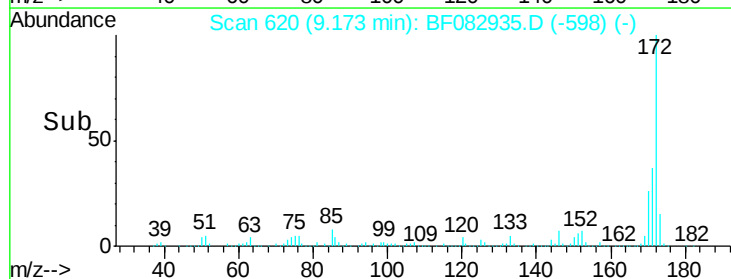
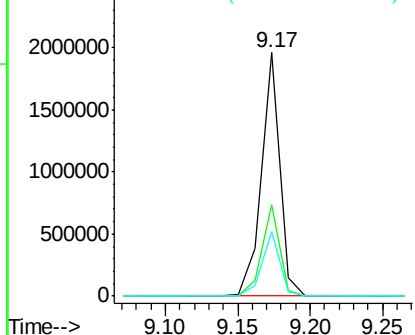


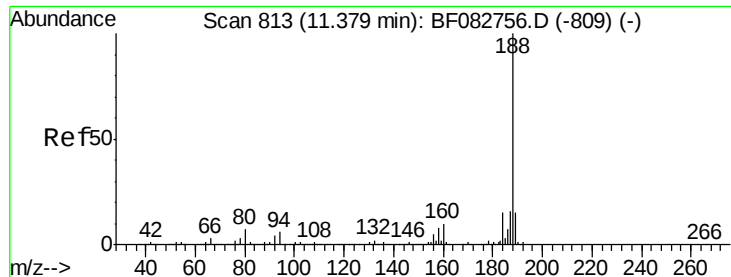
#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

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

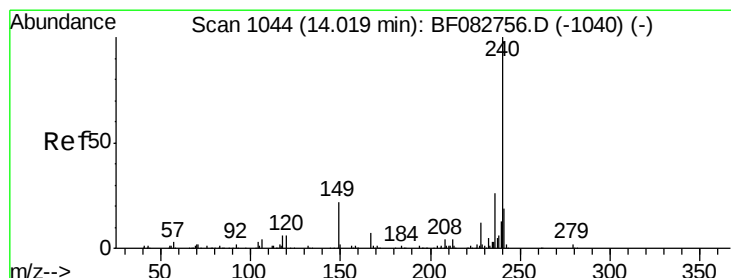
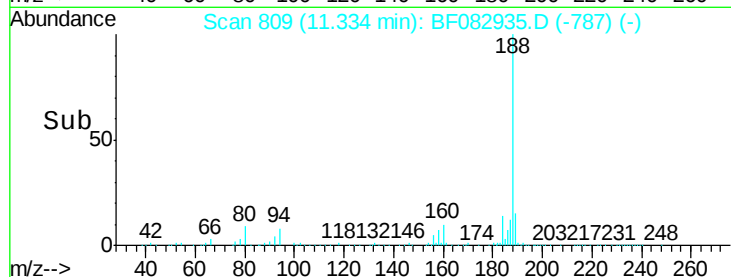
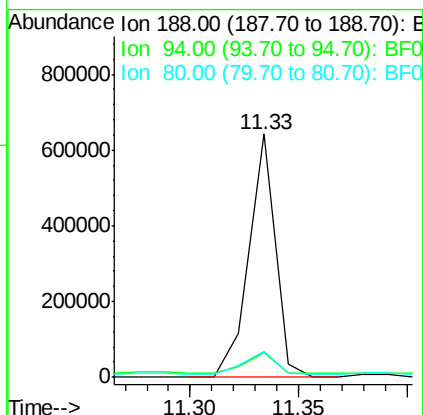
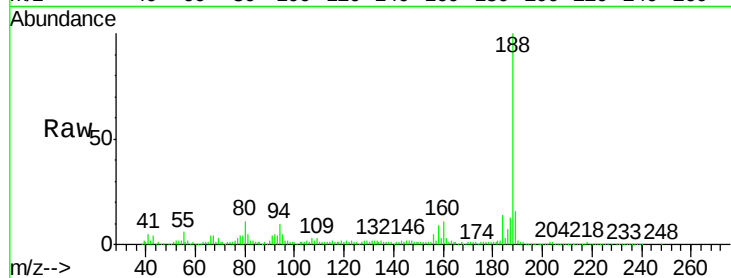




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082935.D
Acq: 14 Nov 2015 10:35

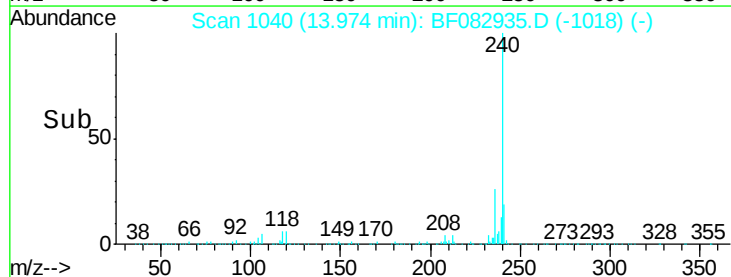
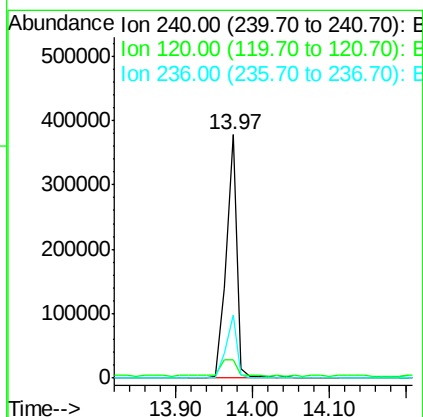
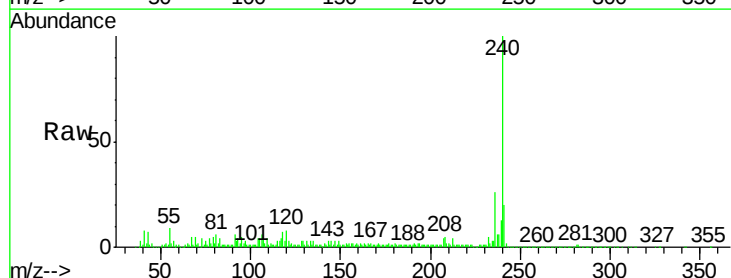
Instrument :
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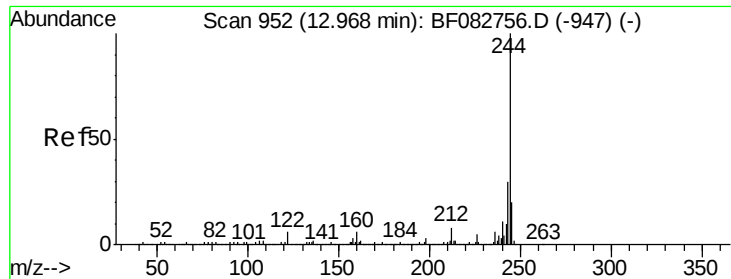
Tgt Ion:188 Resp: 543616
Ion Ratio Lower Upper
188 100
94 10.1 6.1 9.1#
80 10.9 7.0 10.6#



#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

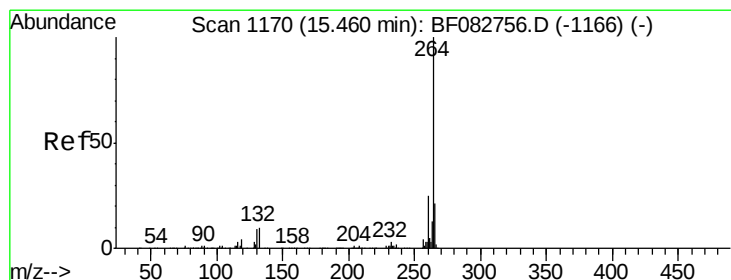
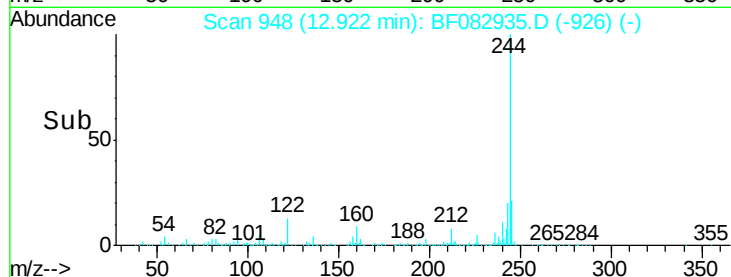
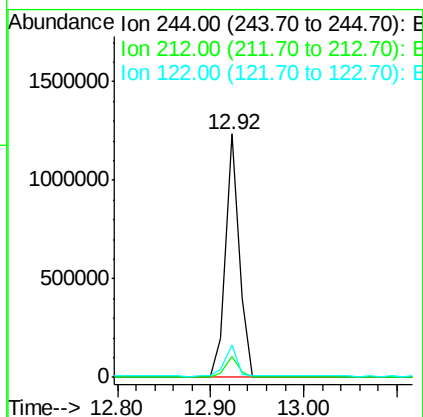
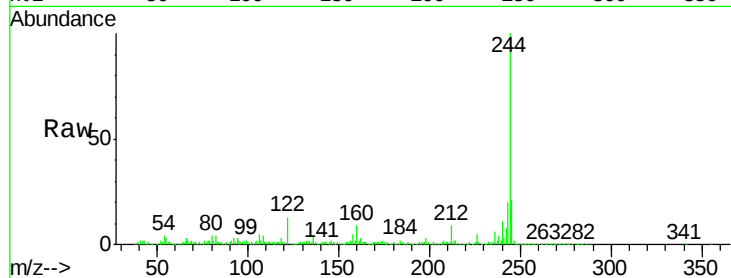




#78
 Terphenyl-d14
 Concen: 81.04 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082935.D
 Acq: 14 Nov 2015 10:35

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-07

Tgt Ion:244 Resp: 1260739
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.6 11.4
 122 13.5 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: BF082935.D
 Acq: 14 Nov 2015 10:35

Tgt Ion:264 Resp: 368295
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.8 17.4 26.0

