

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082927.D
 Acq On : 14 Nov 2015 6:42
 Operator : UM/IZ
 Sample : G4383-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS-MW-14

Quant Time: Nov 16 00:26:14 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	188546	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	636208	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	341142	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	554762	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	389954	20.00	ng	-0.06
86) Perylene-d12	15.38	264	388213	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	787896	65.02	ng	-0.02
7) Phenol-d6	6.46	99	689776	42.82	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1183700	80.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	372448	95.22	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1796897	75.49	ng	-0.05
78) Terphenyl-d14	12.92	244	1559047	94.83	ng	-0.04

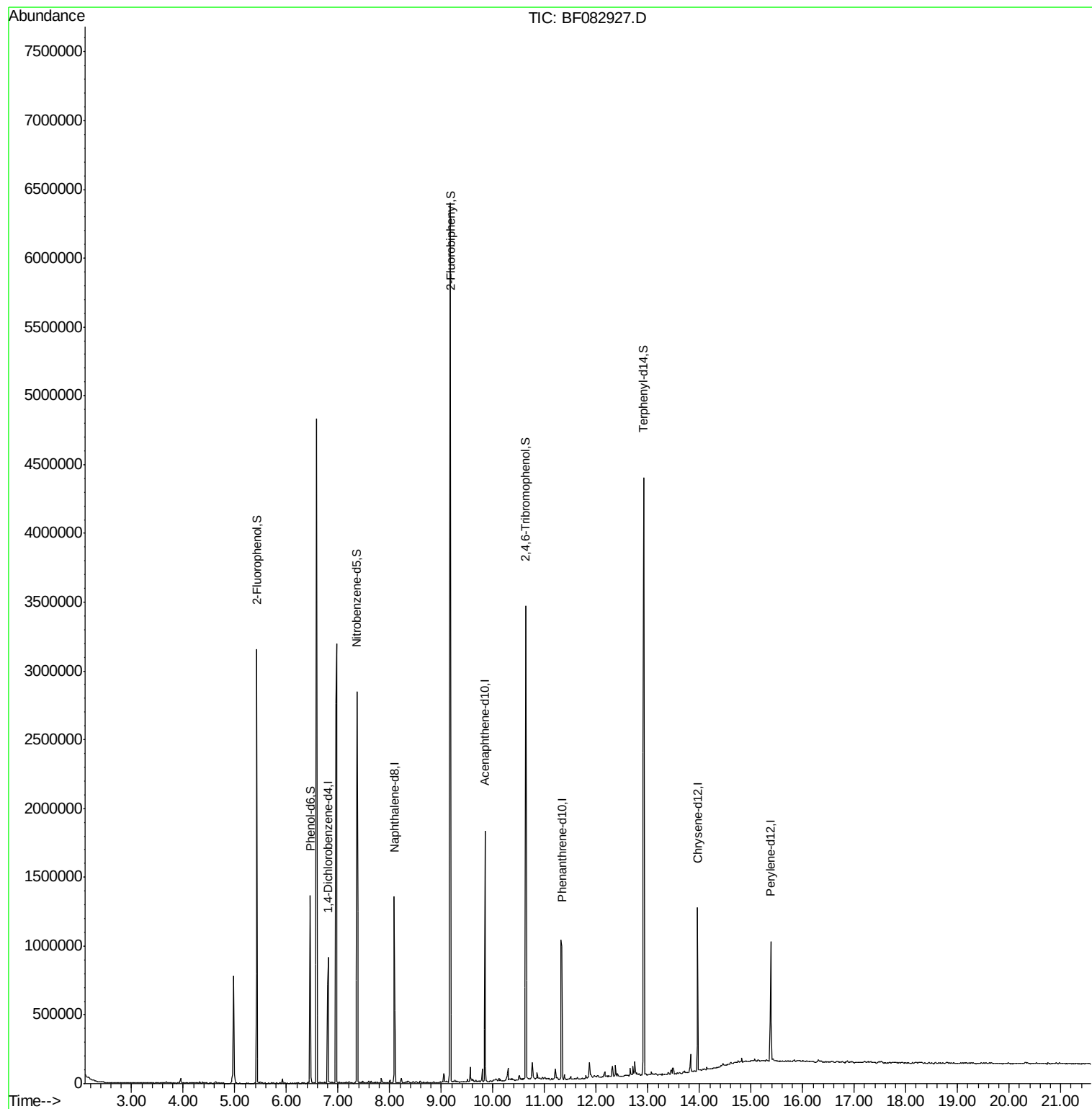
Target Compounds	Qvalue
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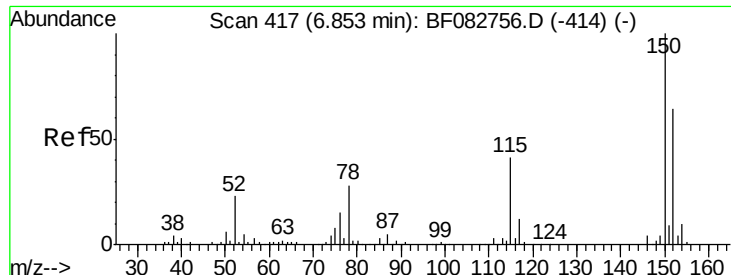
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

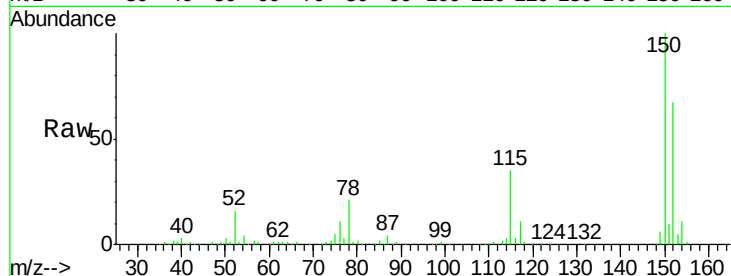
Tgt Ion:152 Resp: 188546

Ion Ratio Lower Upper

152 100

150 149.6 127.0 190.4

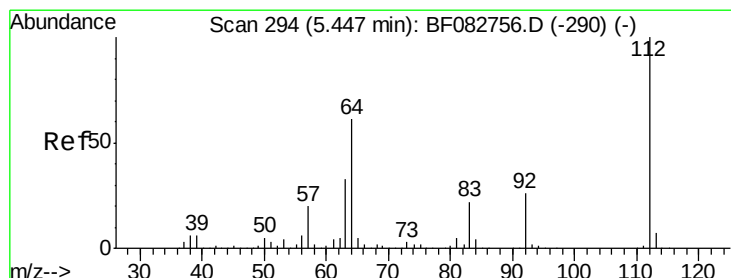
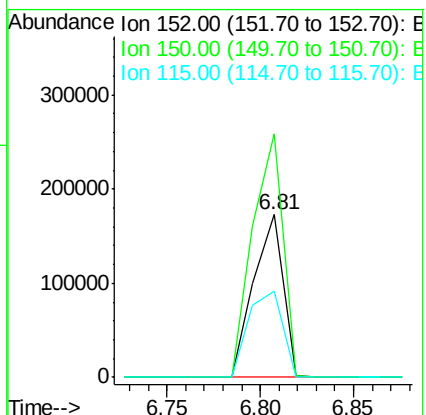
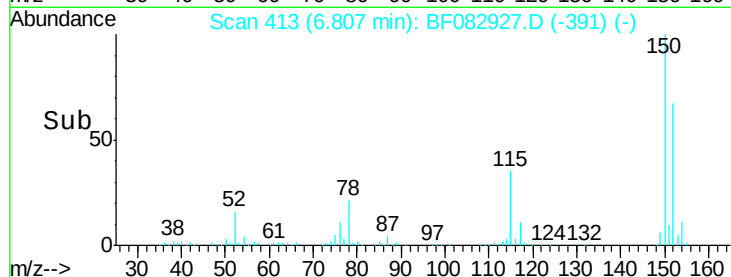
115 52.7 47.0 70.6



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: 65.02 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

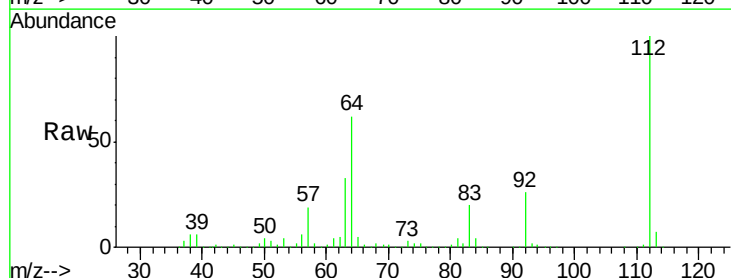
Tgt Ion:112 Resp: 787896

Ion Ratio Lower Upper

112 100

64 62.2 48.9 73.3

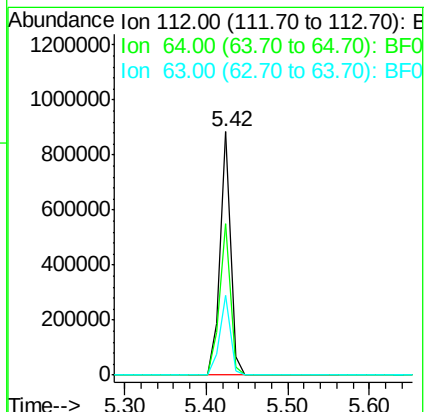
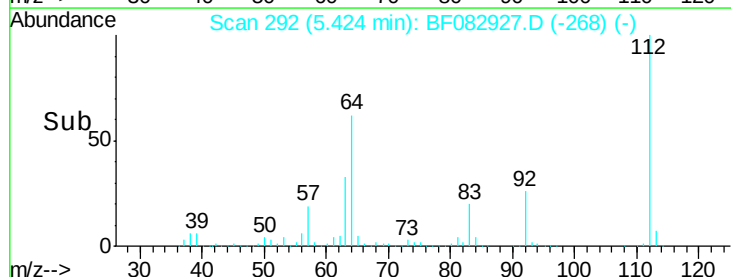
63 32.6 28.1 42.1

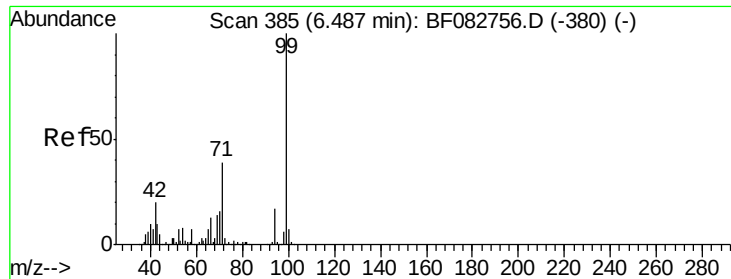


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.82 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

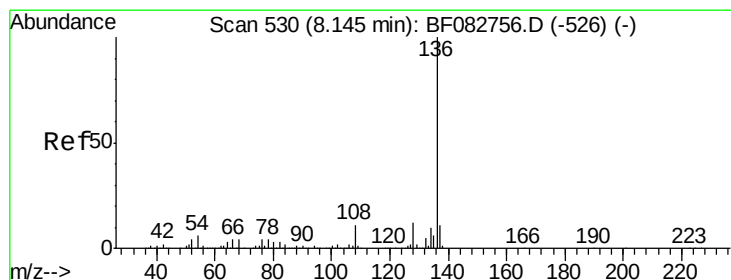
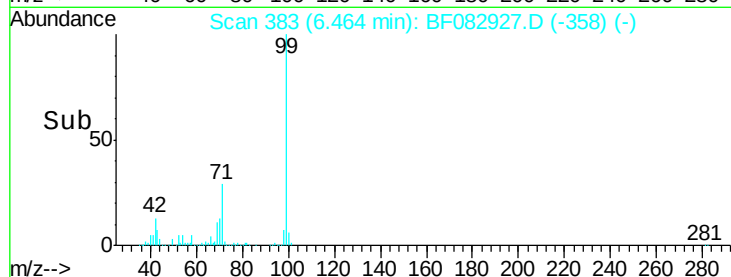
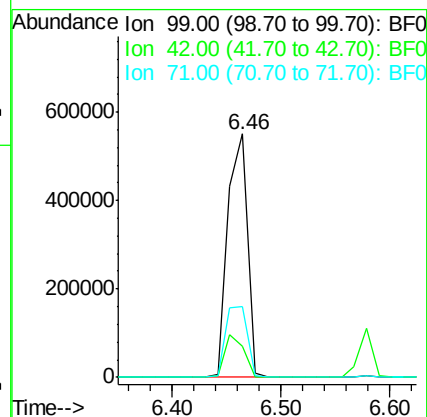
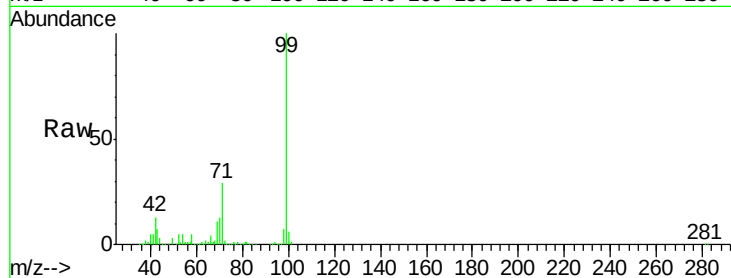
Tgt Ion: 99 Resp: 689776

Ion Ratio Lower Upper

99 100

42 12.8 19.2 28.8#

71 29.1 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Tgt Ion: 136 Resp: 636208

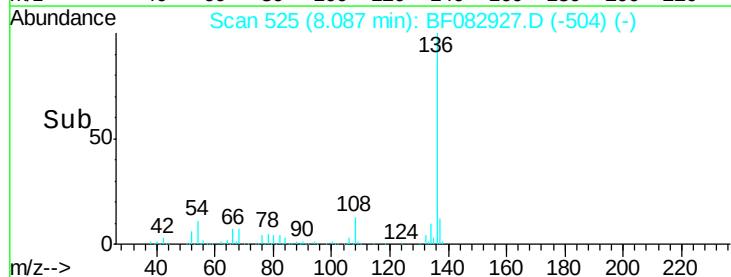
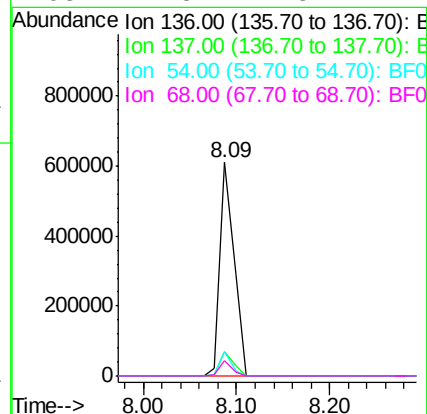
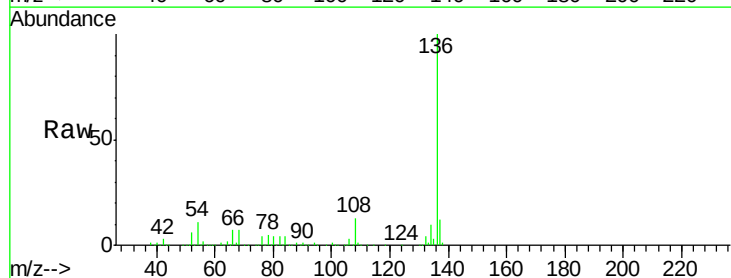
Ion Ratio Lower Upper

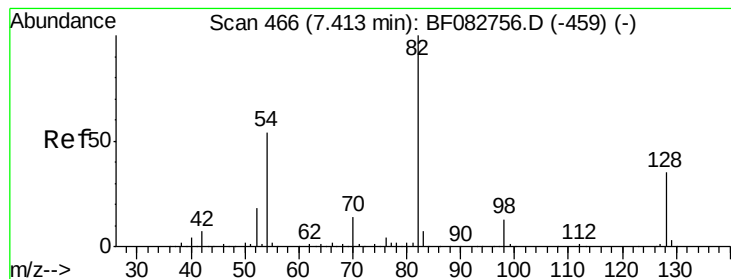
136 100

137 11.6 9.1 13.7

54 11.3 9.1 13.7

68 7.3 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 80.96 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

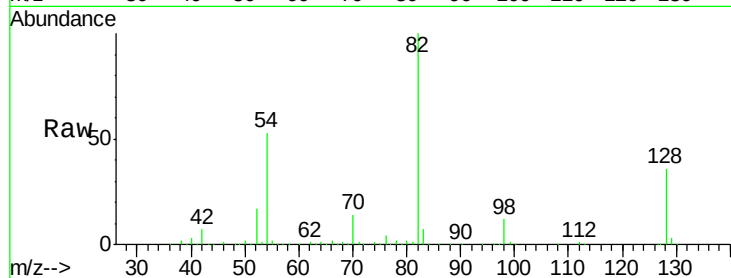
Tgt Ion: 82 Resp: 1183700

Ion Ratio Lower Upper

82 100

128 36.2 26.8 40.2

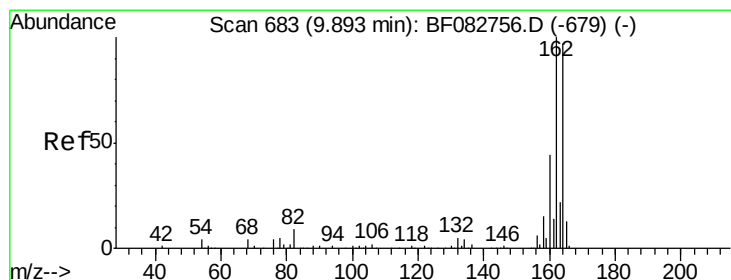
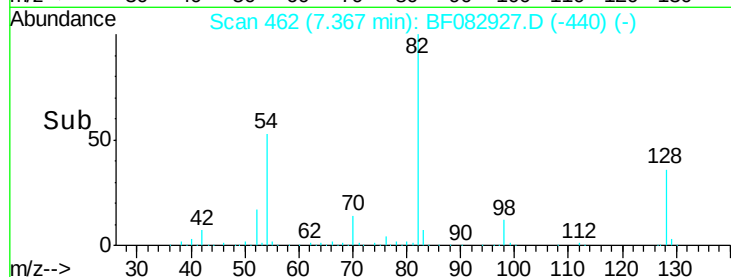
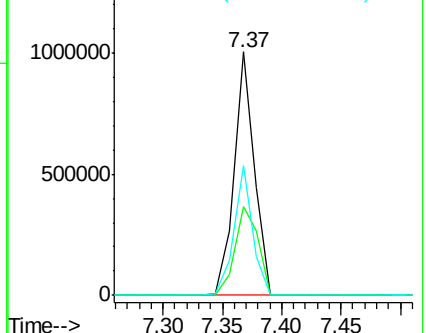
54 53.3 45.7 68.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

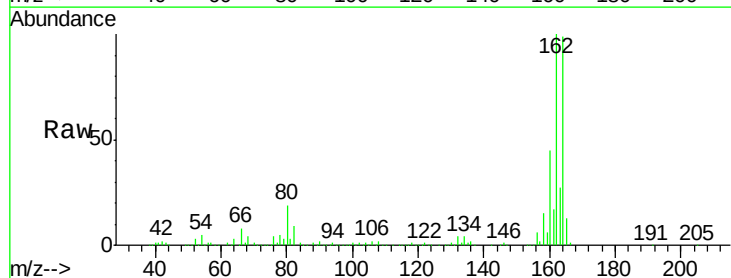
Tgt Ion: 164 Resp: 341142

Ion Ratio Lower Upper

164 100

162 101.1 84.9 127.3

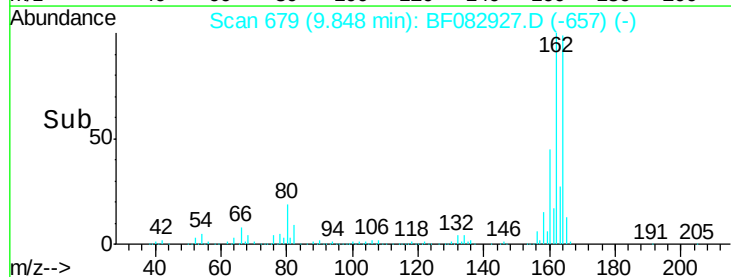
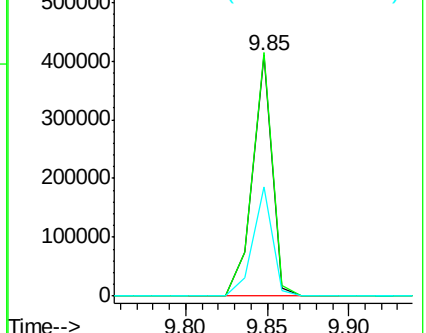
160 45.5 37.5 56.3

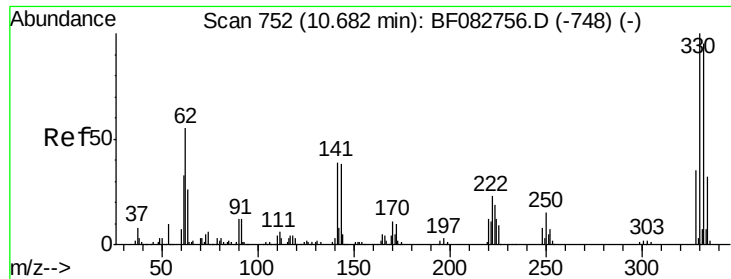


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

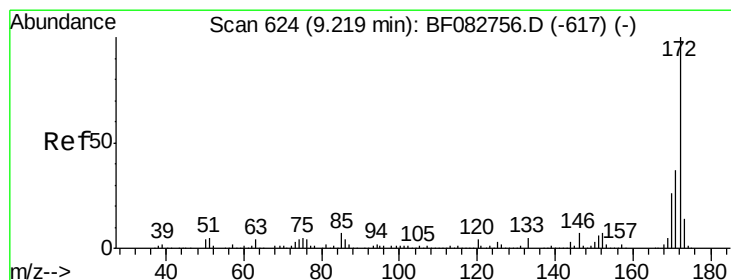
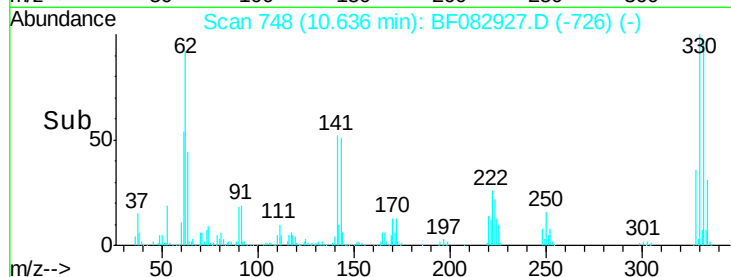
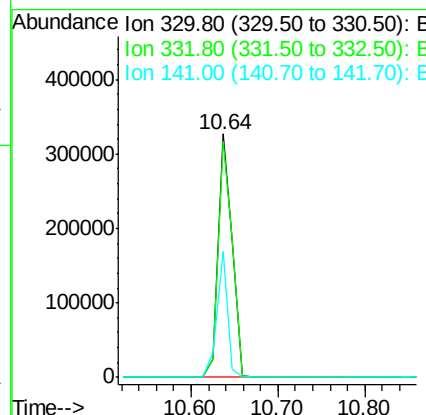
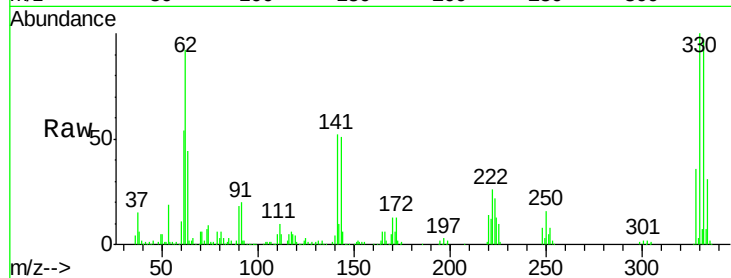




#41
 2,4,6-Tribromophenol
 Concen: 95.22 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082927.D
 Acq: 14 Nov 2015 6:42

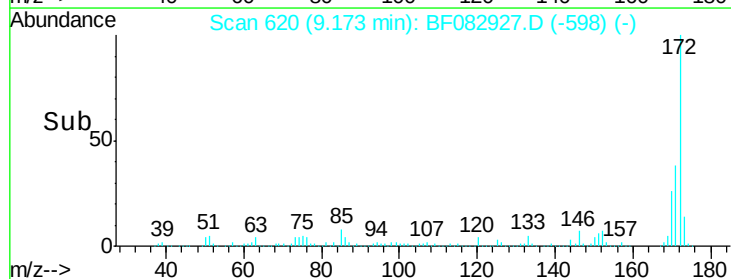
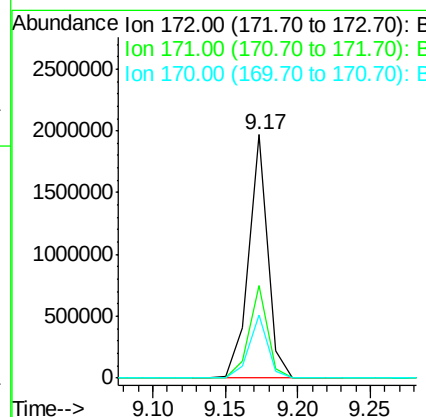
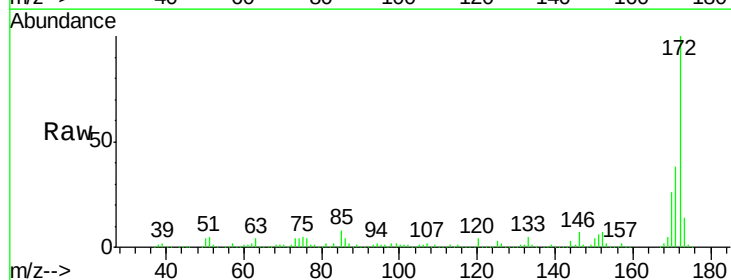
Instrument :
 BNA_F
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 URS-MW-14

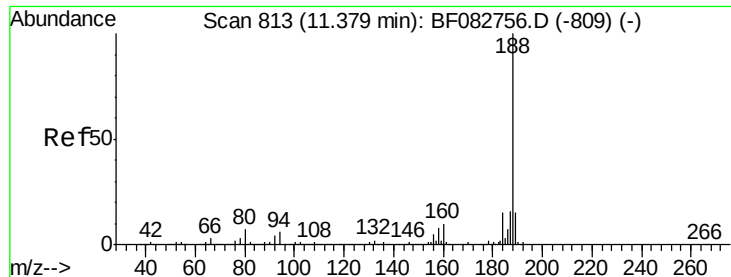
Tgt Ion:330 Resp: 372448
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 40.0 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 75.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082927.D
 Acq: 14 Nov 2015 6:42

Tgt Ion:172 Resp: 1796897
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.9 21.2 31.8

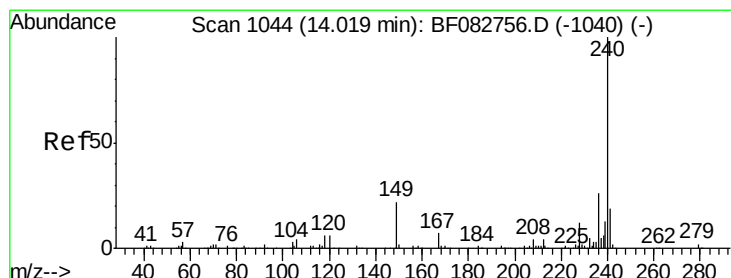
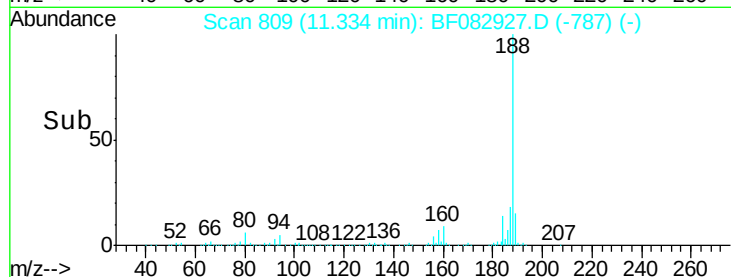
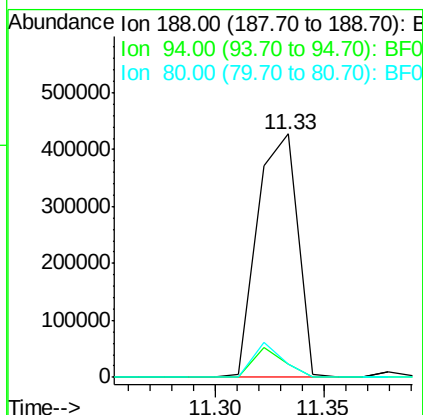
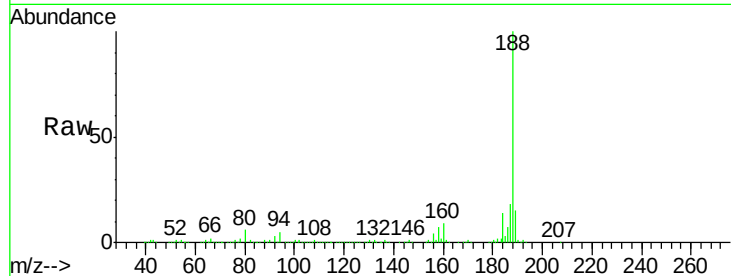




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

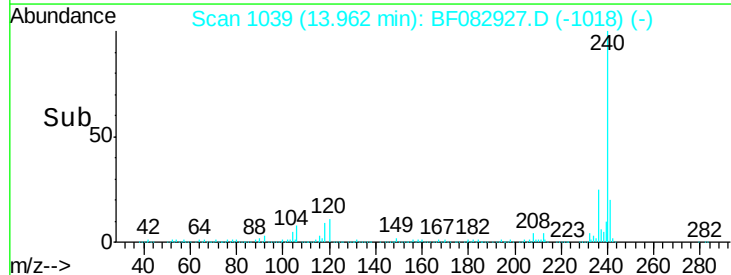
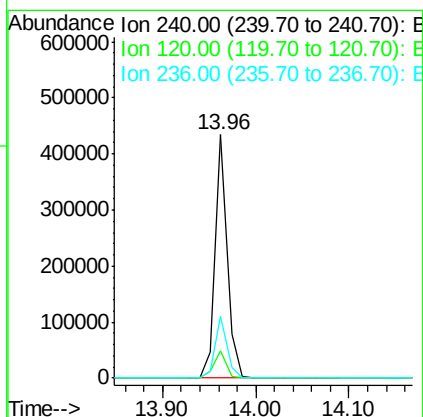
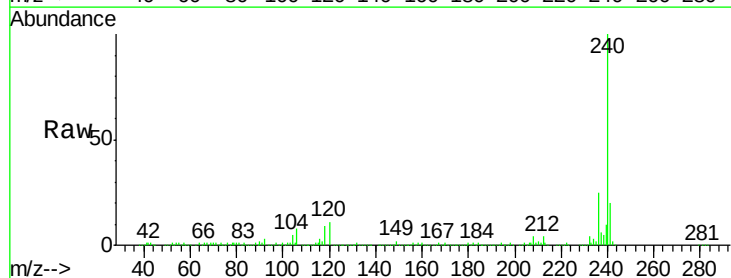
Instrument :
BNA_F
ClientSampleId :
URS-MW-14

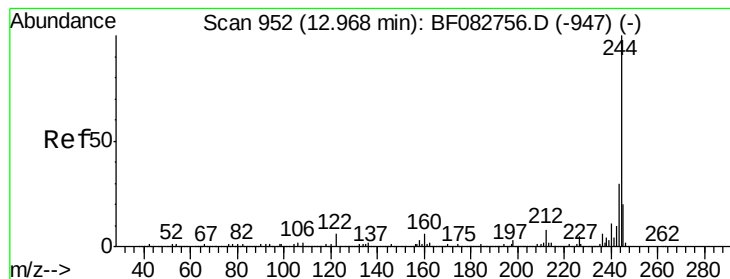
Tgt Ion:188 Resp: 554762
Ion Ratio Lower Upper
188 100
94 5.4 6.1 9.1#
80 5.7 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082927.D
Acq: 14 Nov 2015 6:42

Tgt Ion:240 Resp: 389954
Ion Ratio Lower Upper
240 100
120 11.0 10.9 16.3
236 25.4 21.6 32.4





#78

Terphenyl-d14

Concen: 94.83 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URS-MW-14

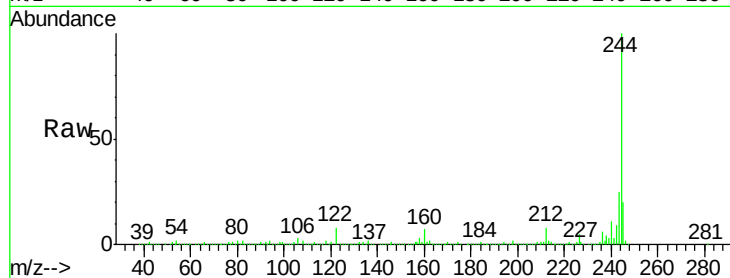
Tgt Ion:244 Resp: 1559047

Ion Ratio Lower Upper

244 100

212 7.6 7.6 11.4#

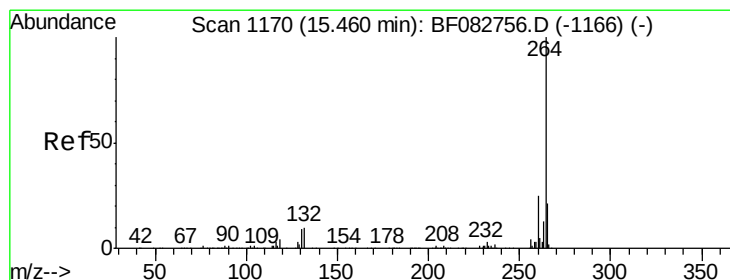
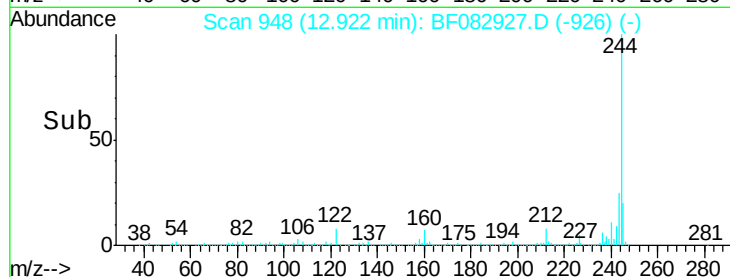
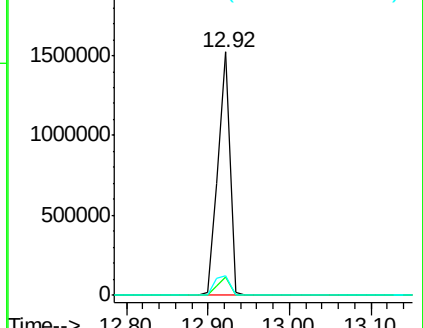
122 8.3 11.3 16.9#



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082927.D

Acq: 14 Nov 2015 6:42

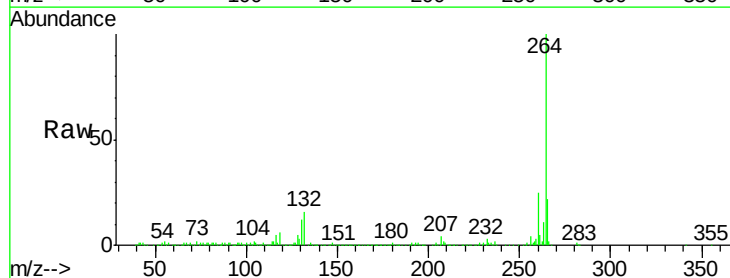
Tgt Ion:264 Resp: 388213

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 21.5 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

