

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082920.D
 Acq On : 14 Nov 2015 3:17
 Operator : UM/IZ
 Sample : G4382-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-13

Quant Time: Nov 14 05:58:53 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	190954	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	670118	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	338503	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	568379	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	409063	20.00	ng	-0.05
86) Perylene-d12	15.39	264	419649	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	717106	58.43	ng	-0.02
7) Phenol-d6	6.45	99	592618	36.32	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1098319	71.32	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	405367	104.44	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1761668	74.59	ng	-0.05
78) Terphenyl-d14	12.92	244	1291167	74.86	ng	-0.04

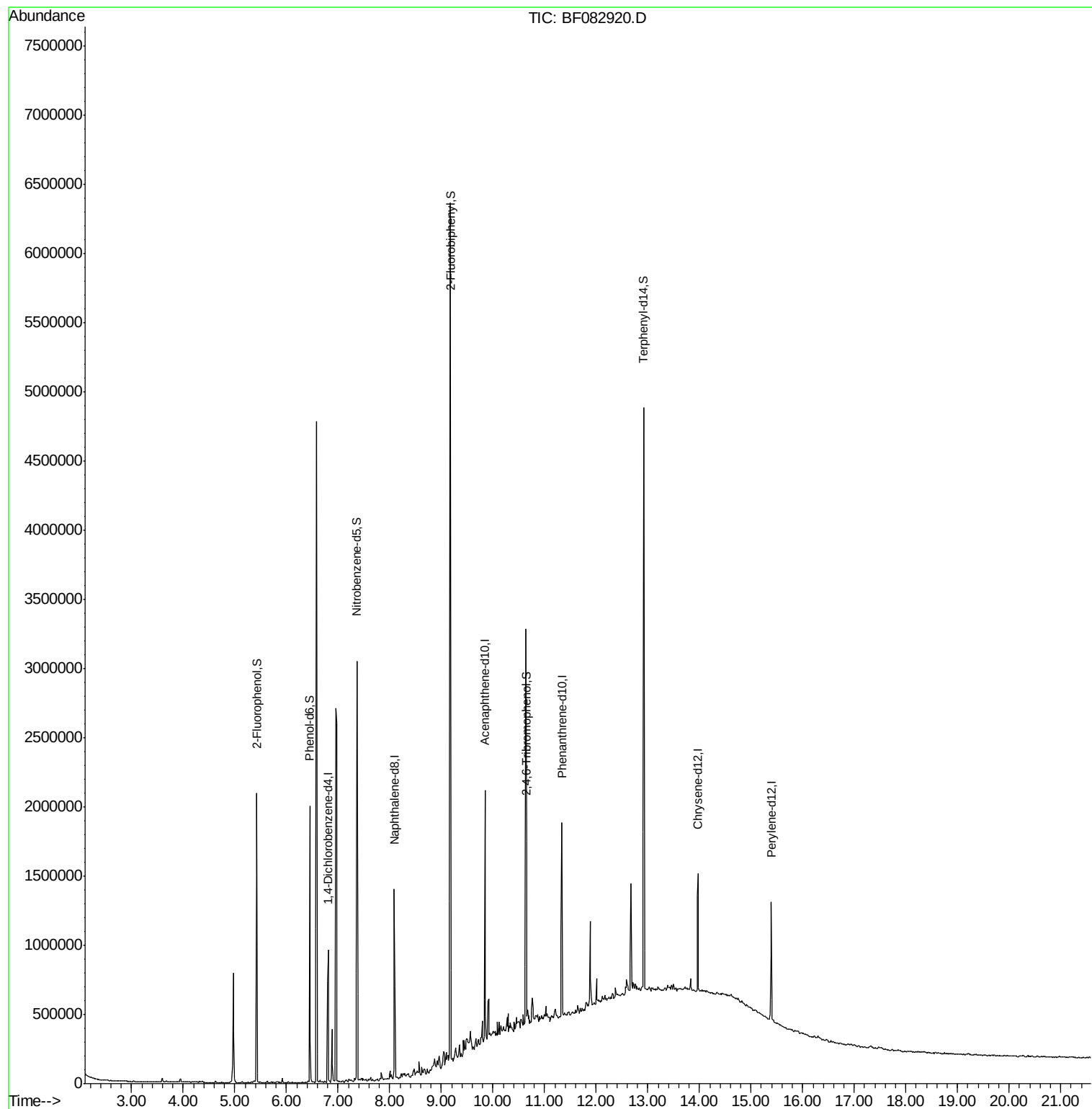
Target Compounds	Qvalue
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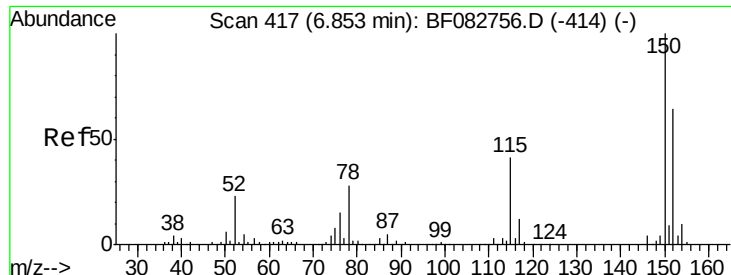
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

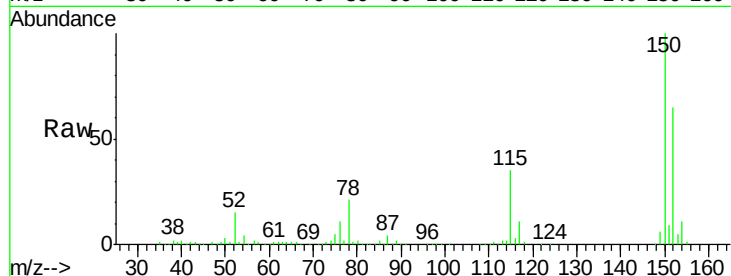
Tgt Ion:152 Resp: 190954

Ion Ratio Lower Upper

152 100

150 153.5 127.0 190.4

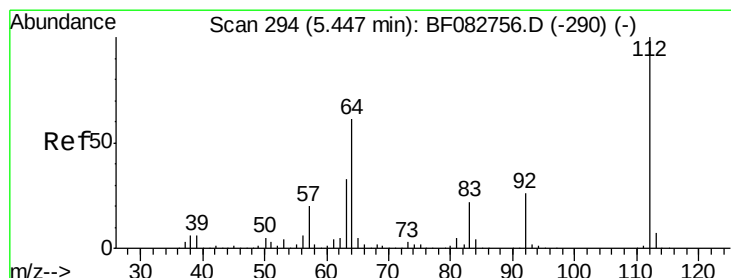
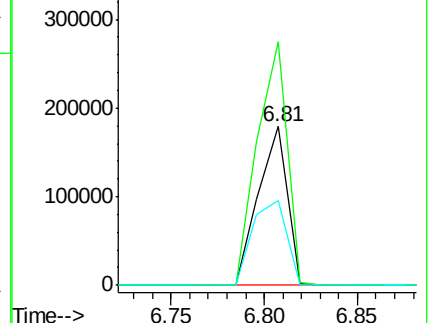
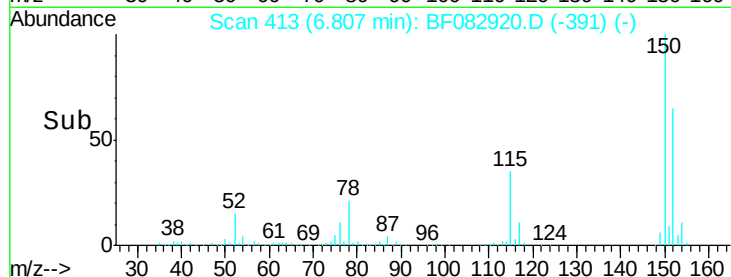
115 53.7 47.0 70.6



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: 58.43 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

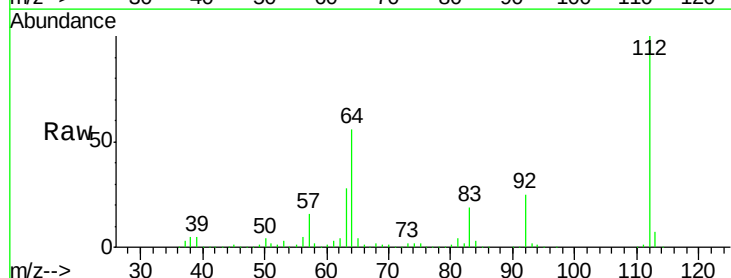
Tgt Ion:112 Resp: 717106

Ion Ratio Lower Upper

112 100

64 55.8 48.9 73.3

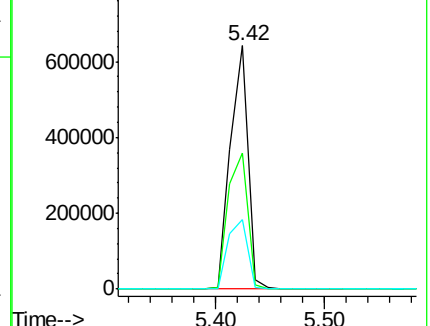
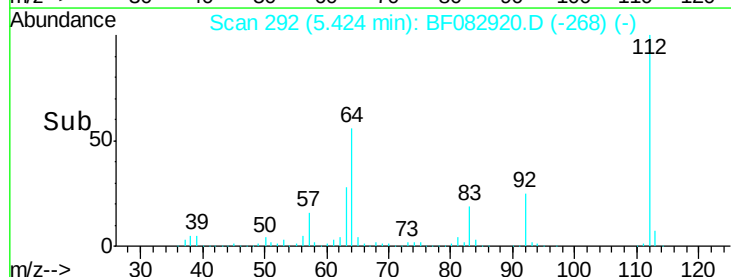
63 28.5 28.1 42.1

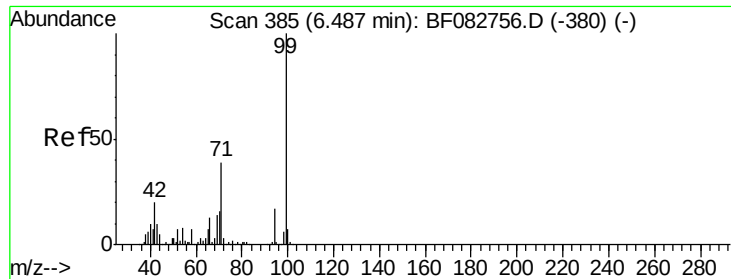


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.32 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

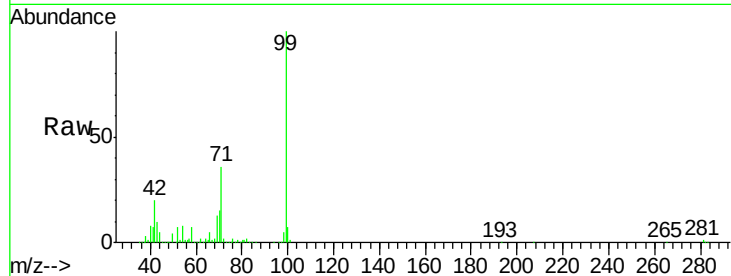
Tgt Ion: 99 Resp: 592618

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

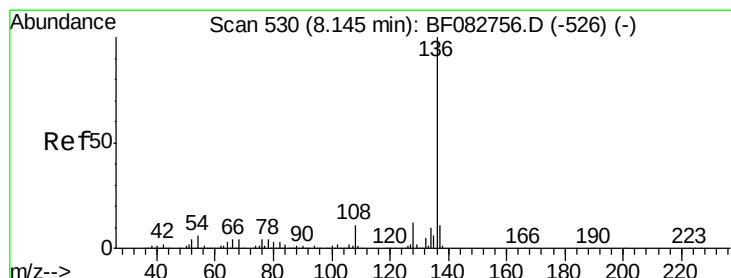
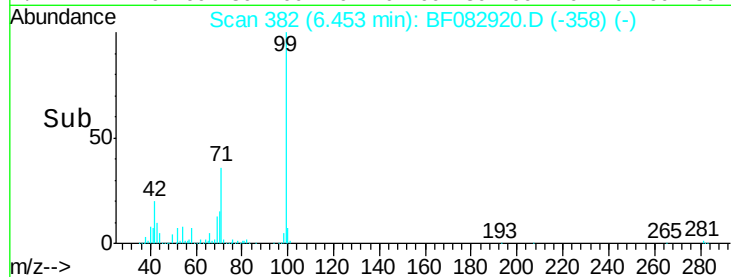
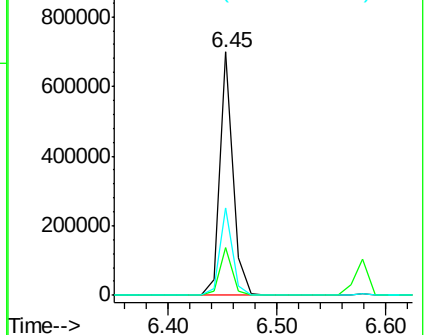
71 36.1 35.0 52.4



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: BF082920.D

Acq: 14 Nov 2015 3:17

Tgt Ion: 136 Resp: 670118

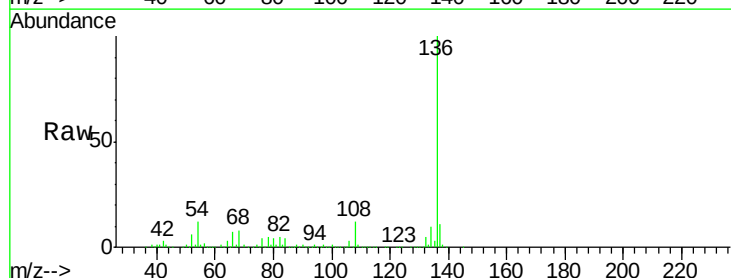
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 11.8 9.1 13.7

68 8.3 4.8 7.2#

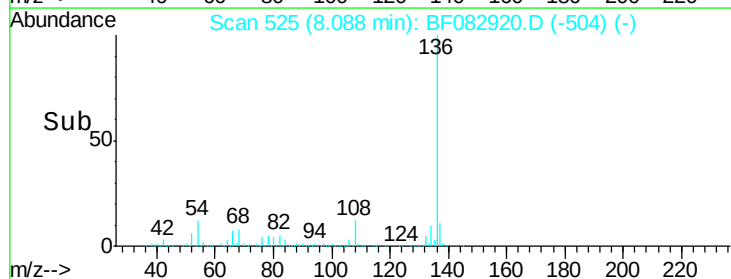
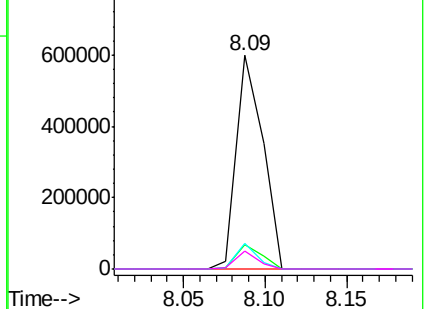


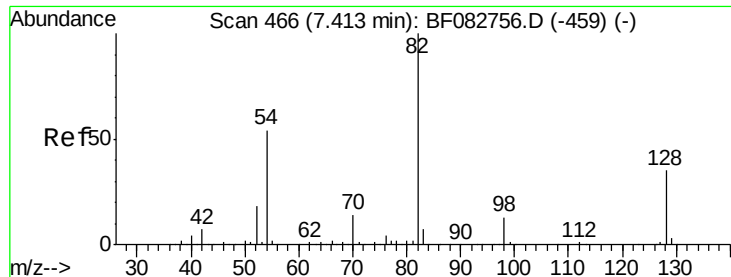
Abundance Ion 136.00 (135.70 to 136.70): E

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

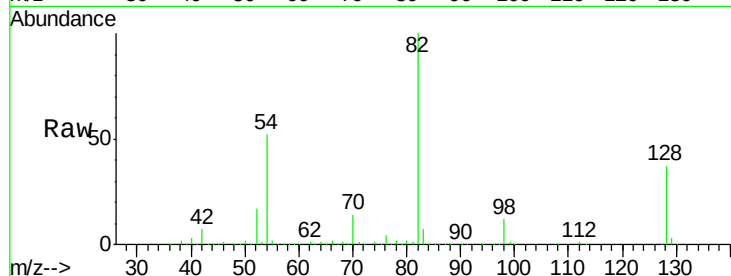




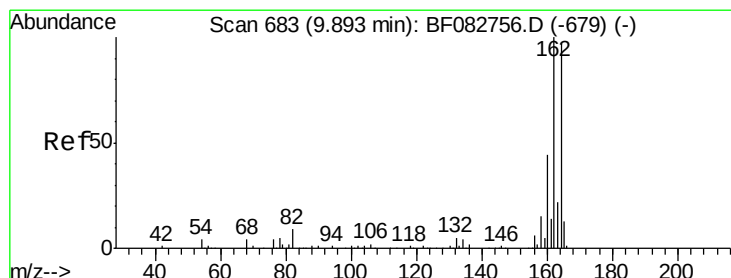
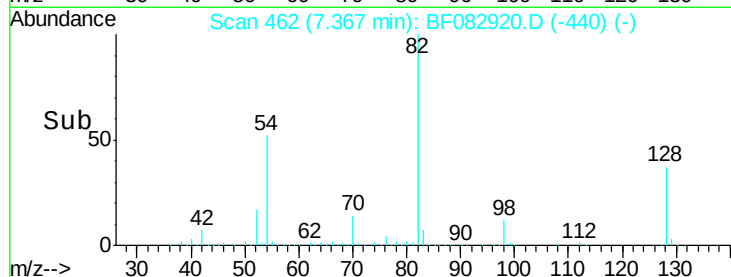
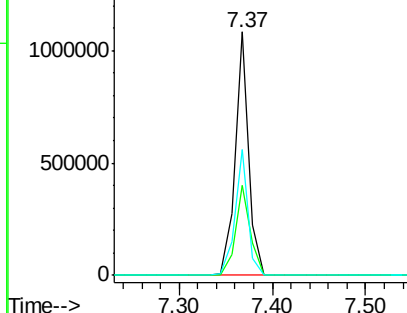
#23
 Nitrobenzene-d5
 Concen: 71.32 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-13

Tgt Ion: 82 Resp: 1098319
 Ion Ratio Lower Upper
 82 100
 128 36.9 26.8 40.2
 54 51.7 45.7 68.5

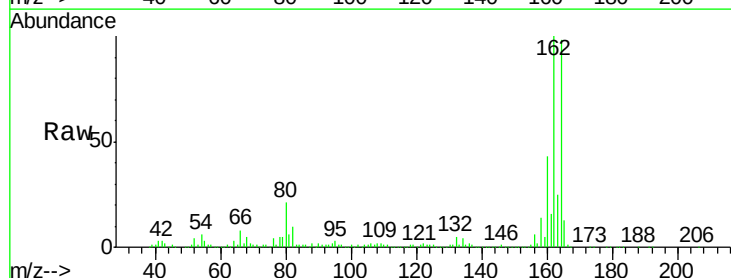


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

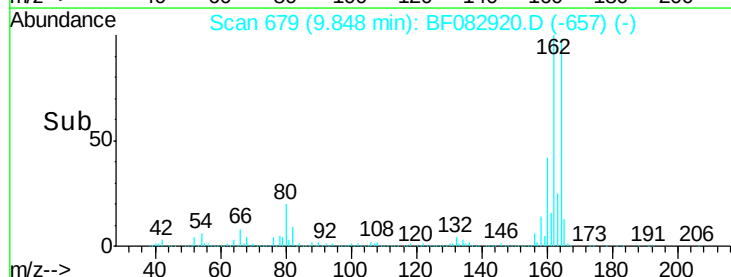
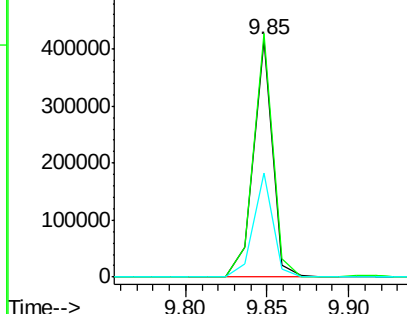


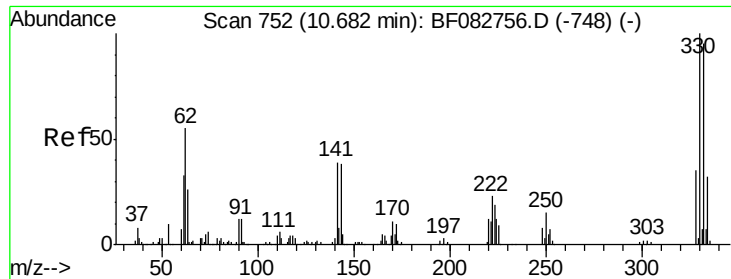
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Tgt Ion: 164 Resp: 338503
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.9 127.3
 160 43.9 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

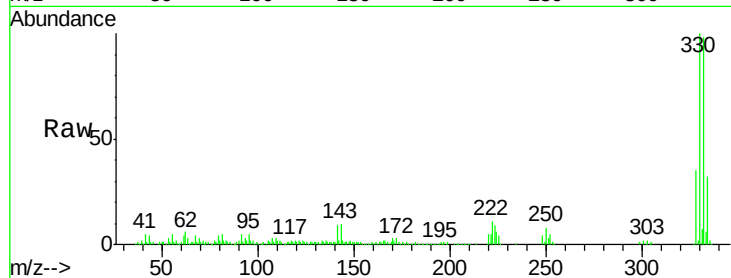




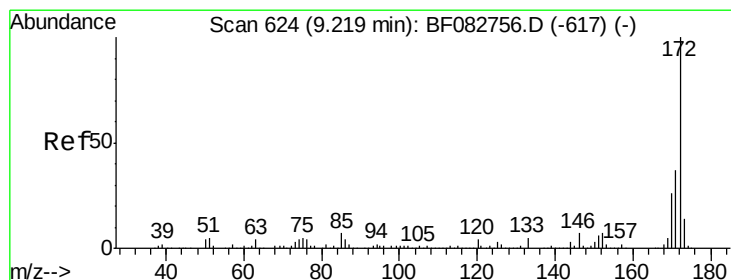
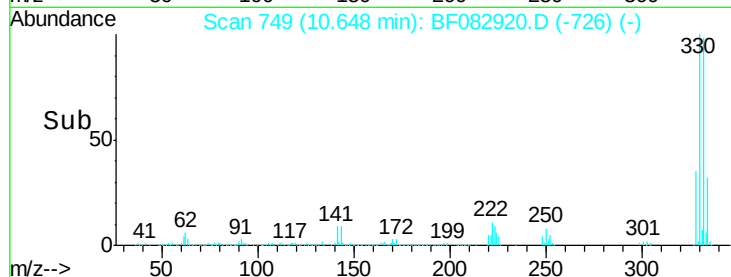
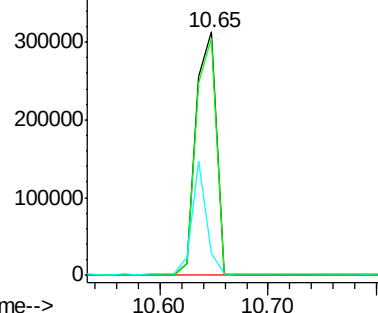
#41
 2,4,6-Tribromophenol
 Concen: 104.44 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Instrument :
 BNA_F
 ClientSampleId :
 URS MW-13

Tgt Ion:330 Resp: 405367
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 33.4 41.2 61.8#

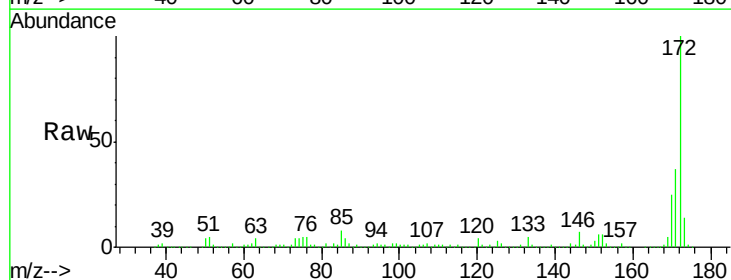


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

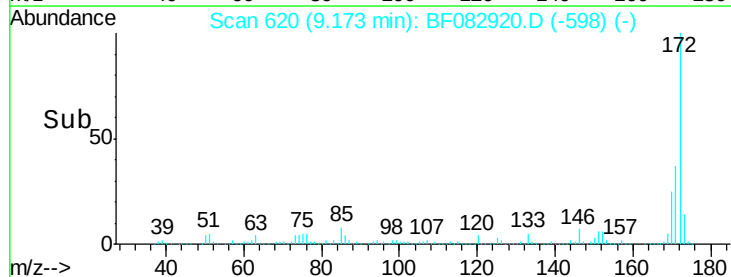
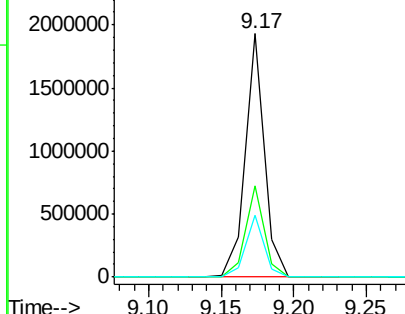


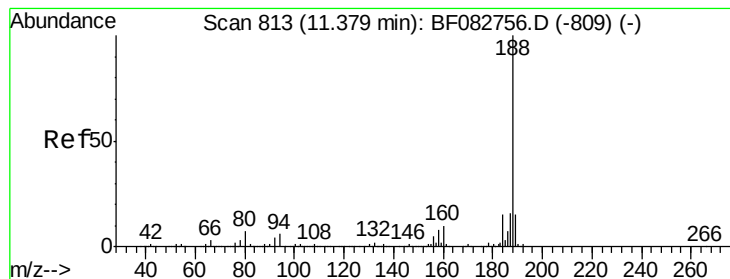
#44
 2-Fluorobiphenyl
 Concen: 74.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082920.D
 Acq: 14 Nov 2015 3:17

Tgt Ion:172 Resp: 1761668
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.2 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: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

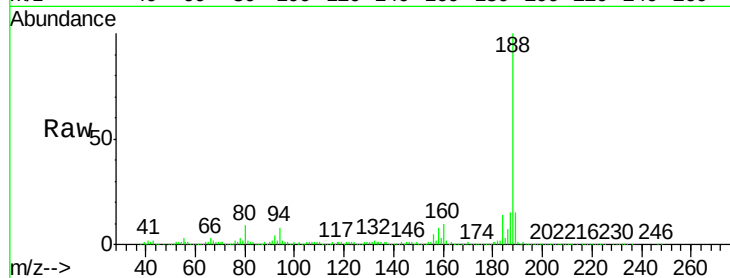
Tgt Ion:188 Resp: 568379

Ion Ratio Lower Upper

188 100

94 8.0 6.1 9.1

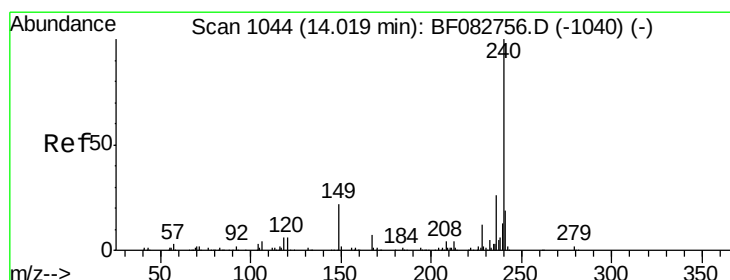
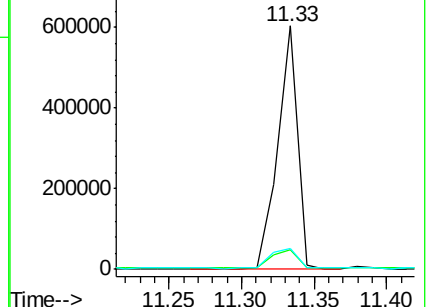
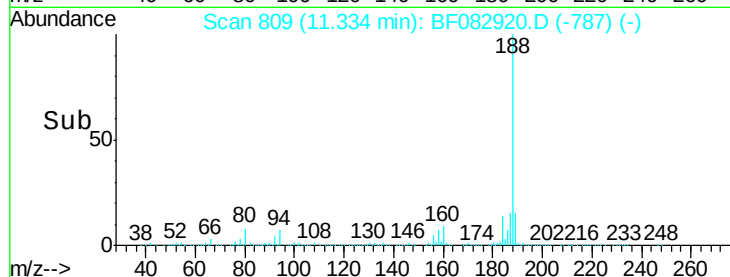
80 8.6 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

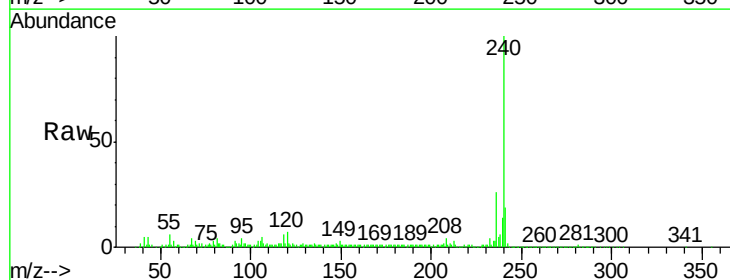
Tgt Ion:240 Resp: 409063

Ion Ratio Lower Upper

240 100

120 6.6 10.9 16.3#

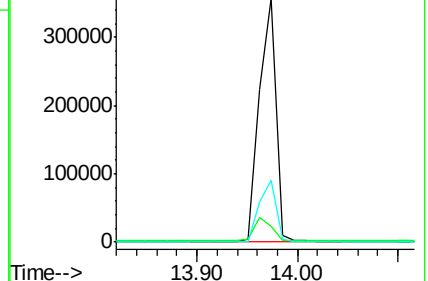
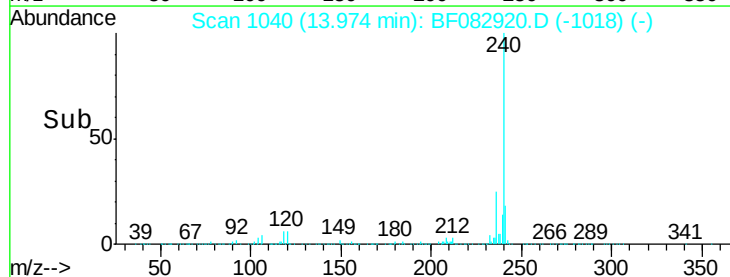
236 25.5 21.6 32.4

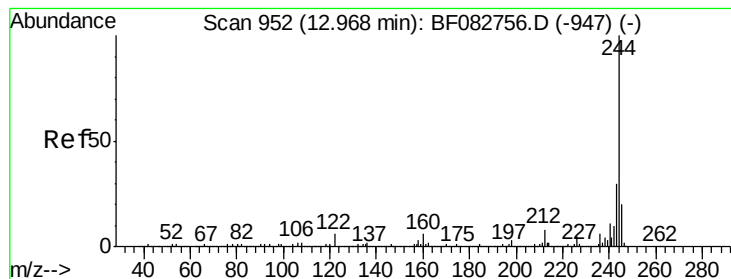


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.86 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082920.D

Acq: 14 Nov 2015 3:17

Instrument :

BNA_F

ClientSampleId :

URS MW-13

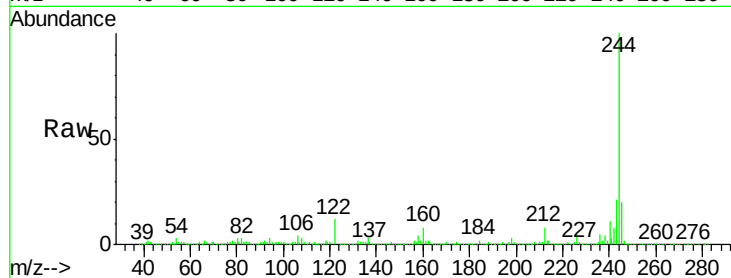
Tgt Ion:244 Resp: 1291167

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

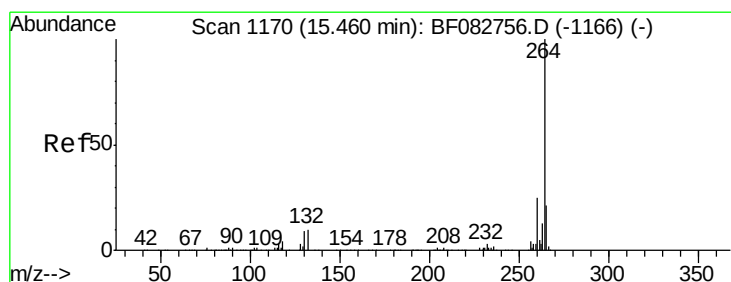
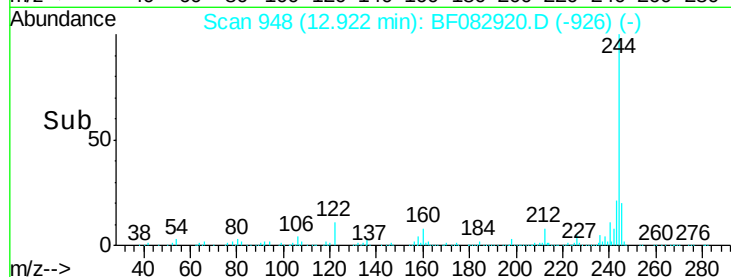
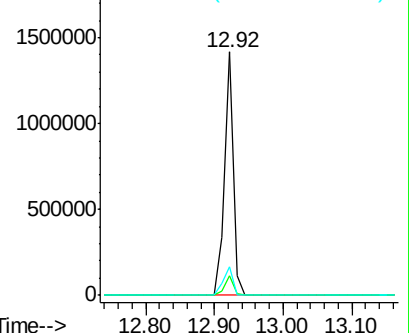
122 11.6 11.3 16.9



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: BF082920.D

Acq: 14 Nov 2015 3:17

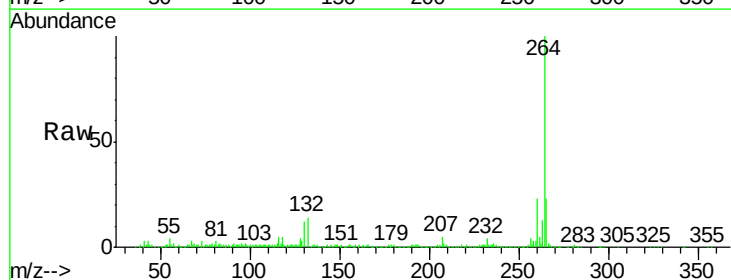
Tgt Ion:264 Resp: 419649

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 22.7 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

