

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086374.D
 Acq On : 23 Apr 2016 6:48
 Operator : UM/SJ
 Sample : H2634-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Apr 25 04:44:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164878	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	710688	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	317930	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	667826	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	458064	20.00	ng	-0.01
86) Perylene-d12	15.40	264	370928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	475452	49.80	ng	0.00
7) Phenol-d6	6.46	99	458073	35.29	ng	-0.01
23) Nitrobenzene-d5	7.40	82	869169	72.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	373149	129.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1637977	87.92	ng	0.00
78) Terphenyl-d14	12.95	244	1410652	76.52	ng	0.00

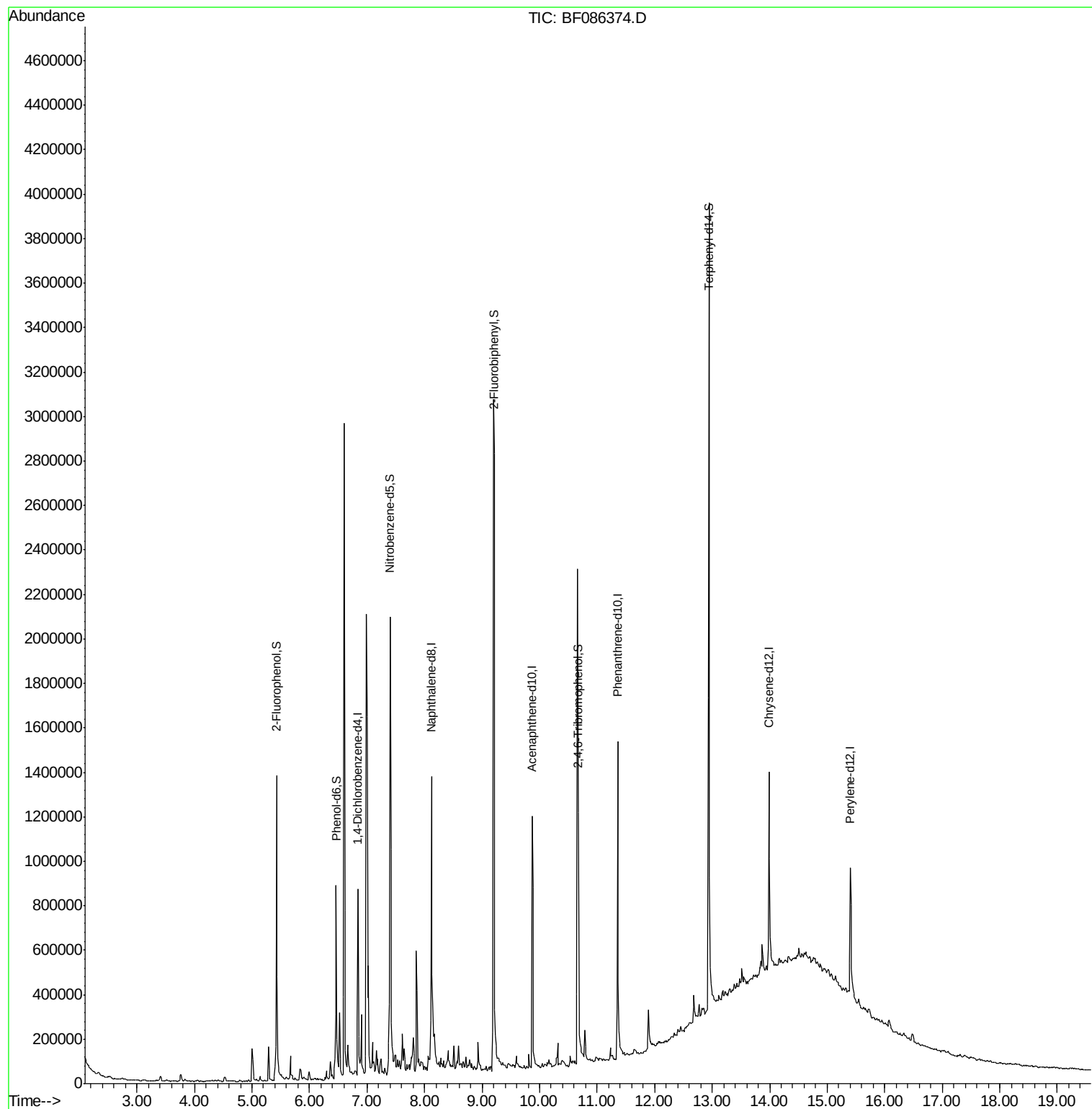
Target Compounds Qvalue

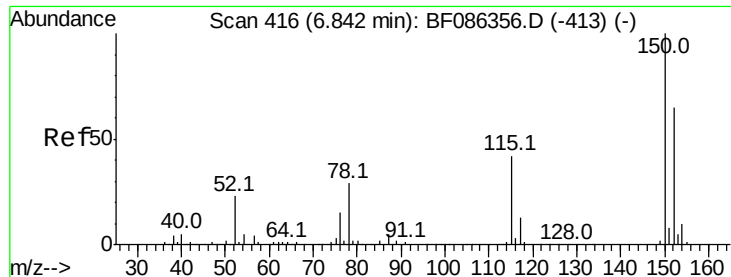
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-11

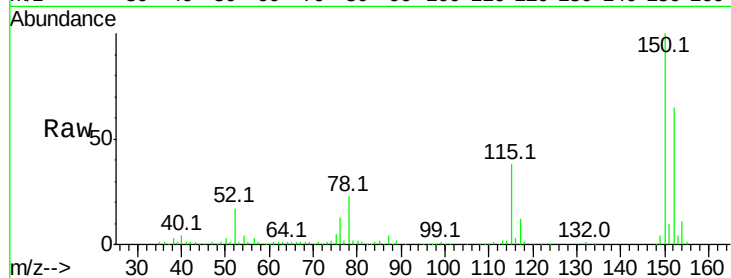
Tot Ion:152 Resp: 164878

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

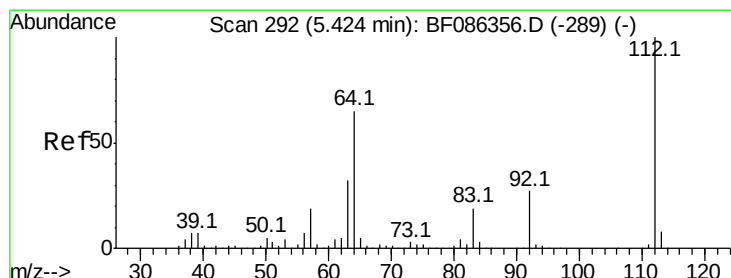
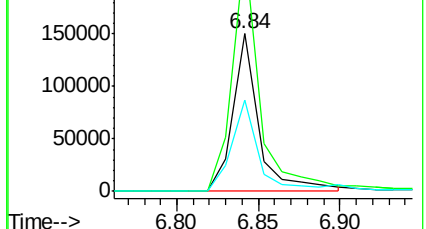
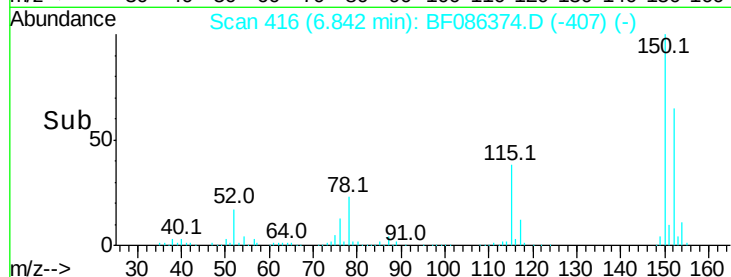
115 58.2 51.5 77.3



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: 49.80 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

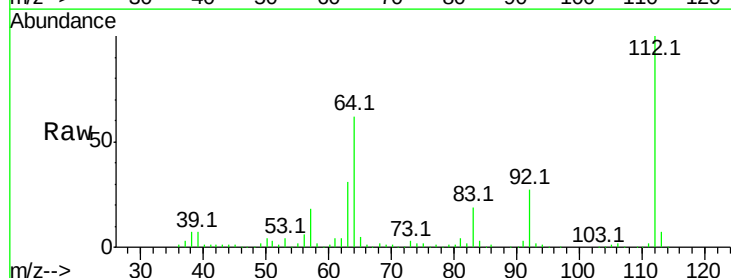
Tgt Ion:112 Resp: 475452

Ion Ratio Lower Upper

112 100

64 62.0 52.1 78.1

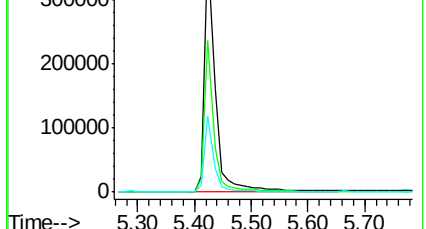
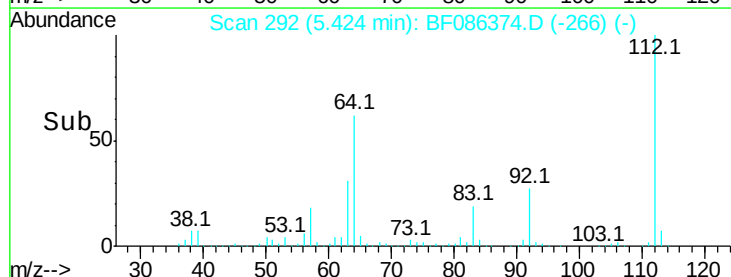
63 31.3 25.7 38.5

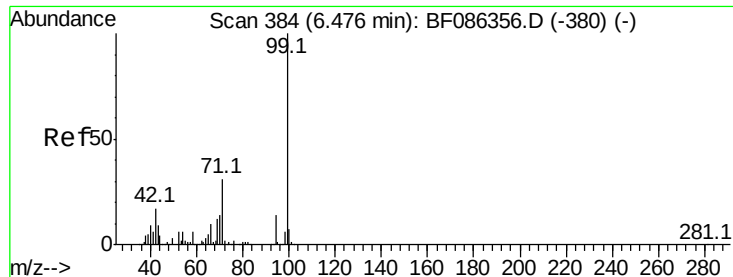


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.29 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-11

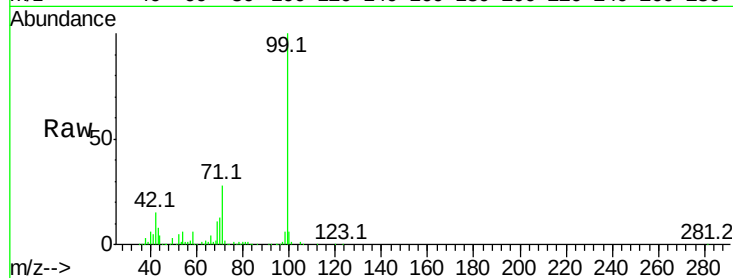
Tot Ion: 99 Resp: 458073

Ion Ratio Lower Upper

99 100

42 15.0 13.6 20.4

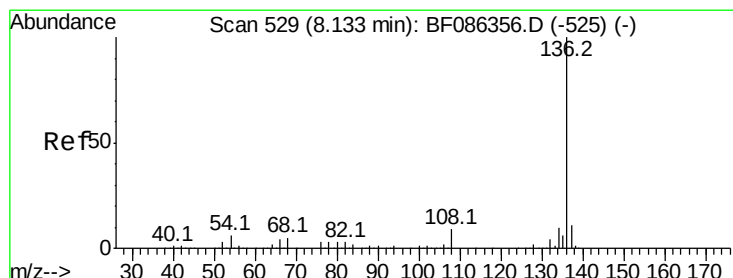
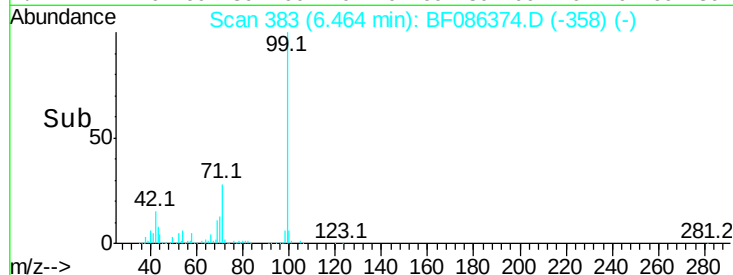
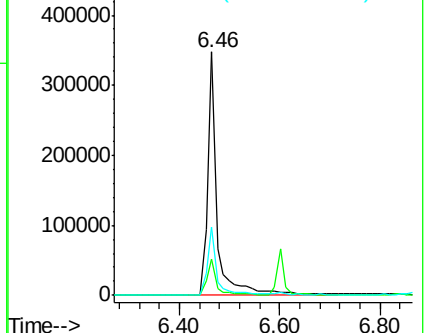
71 28.2 24.6 36.8



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: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

Tgt Ion: 136 Resp: 710688

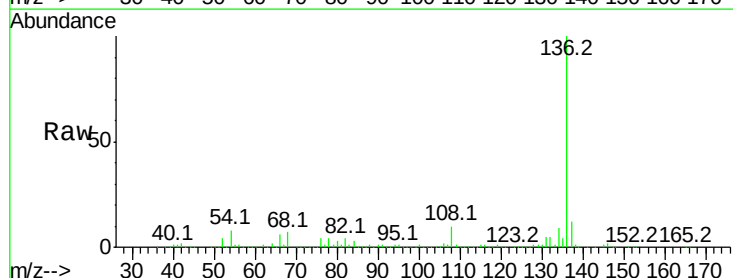
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.1 5.0 7.4#

68 7.0 4.4 6.6#

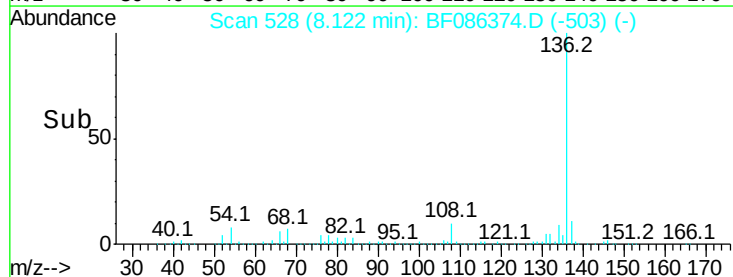
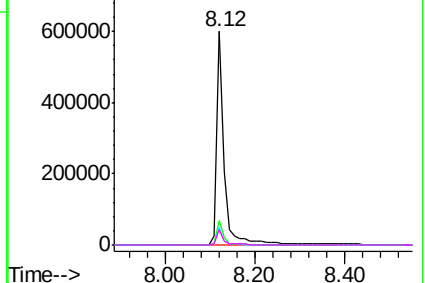


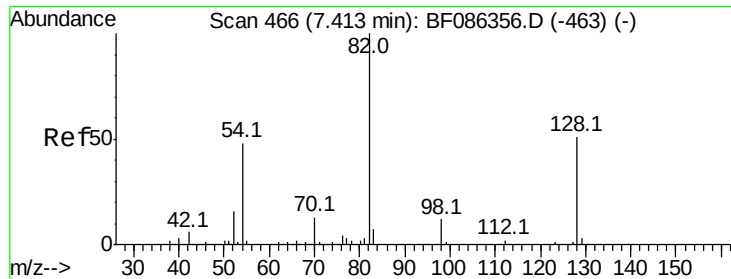
Abundance Ion 136.00 (135.70 to 136.70): E

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

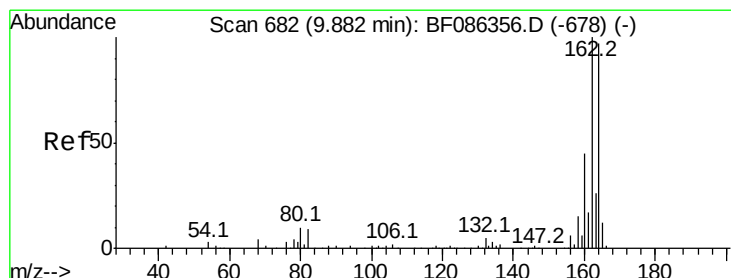
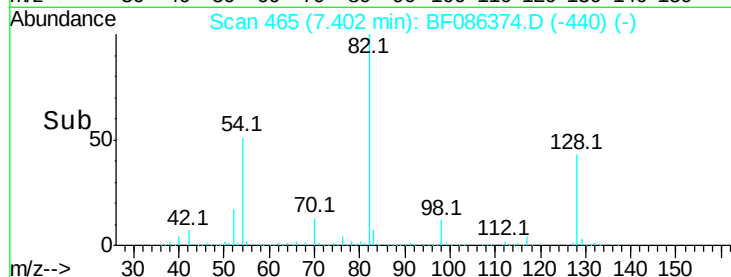
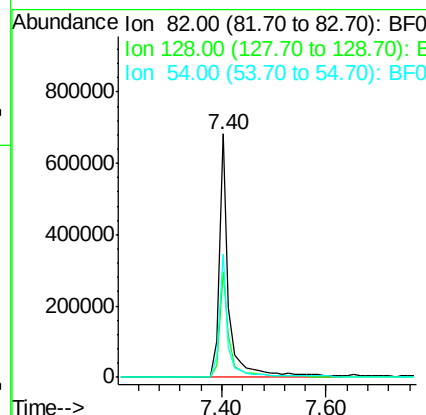
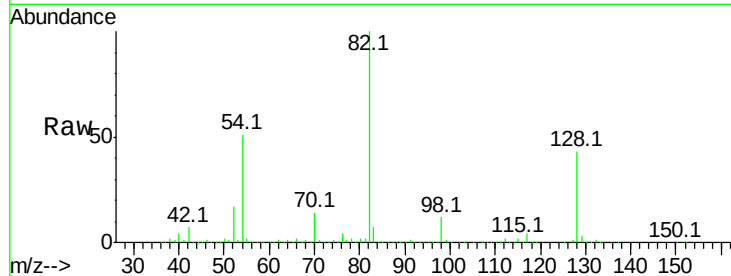




#23
 Nitrobenzene-d5
 Concen: 72.45 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086374.D
 Acq: 23 Apr 2016 6:48

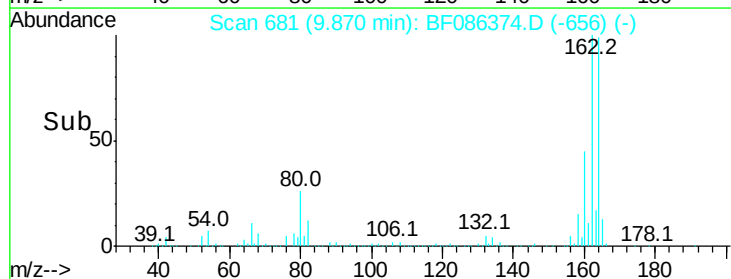
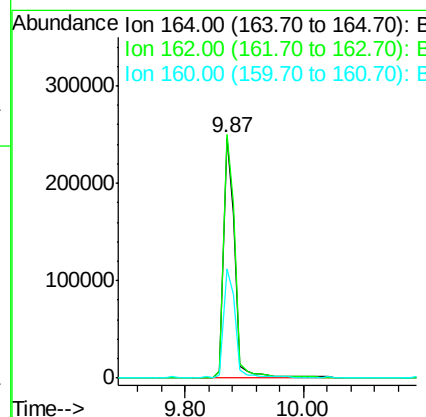
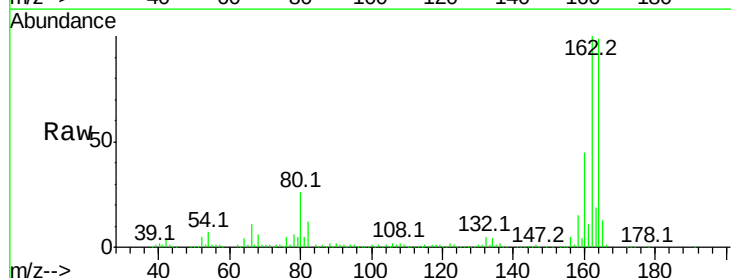
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

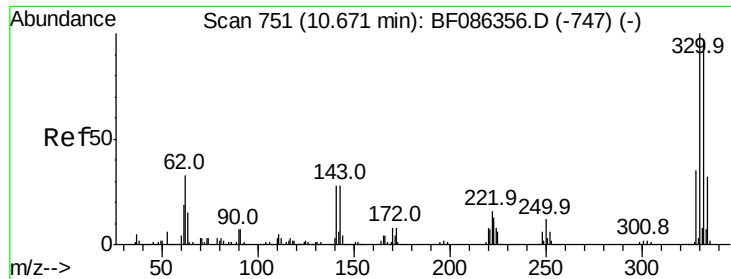
Tot Ion: 82 Resp: 869169
 Ion Ratio Lower Upper
 82 100
 128 43.4 40.6 61.0
 54 50.8 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086374.D
 Acq: 23 Apr 2016 6:48

Tgt Ion:164 Resp: 317930
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 45.6 36.9 55.3

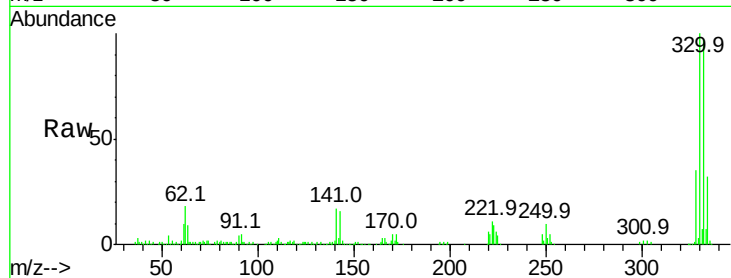




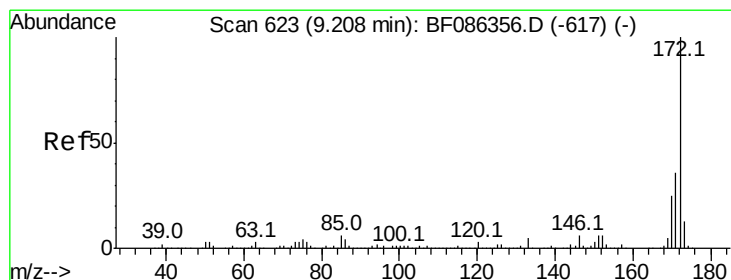
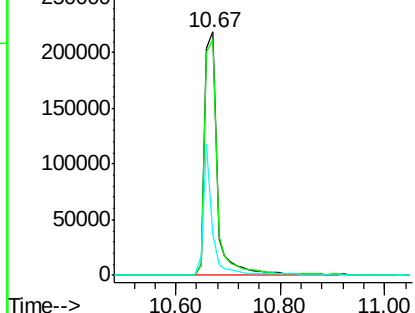
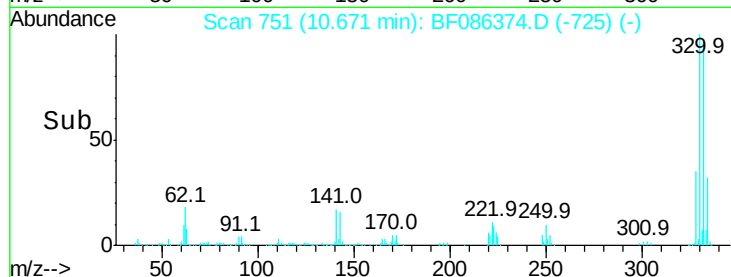
#41
 2,4,6-Tribromophenol
 Concen: 129.66 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086374.D
 Acq: 23 Apr 2016 6:48

Instrument :
 BNA_F
 ClientSampled :
 MW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	36.7	31.2	46.8

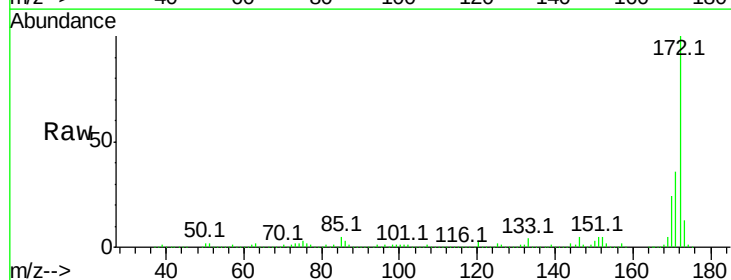


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

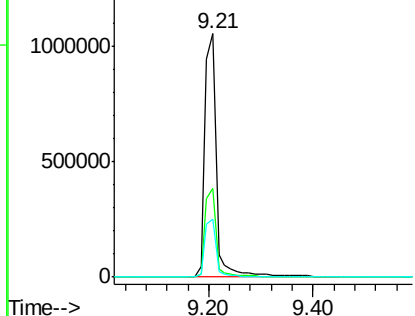
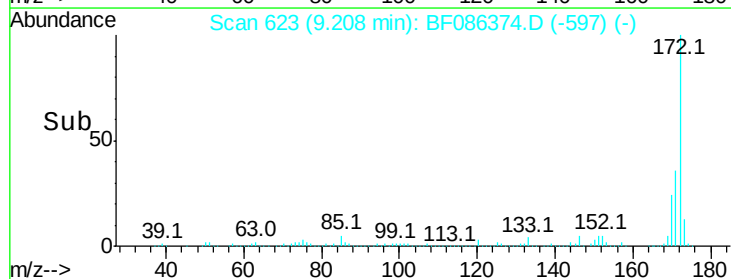


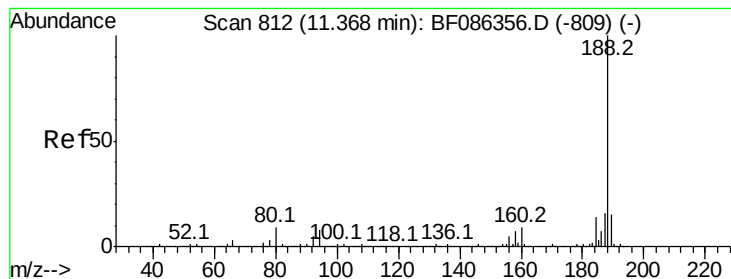
#44
 2-Fluorobiphenyl
 Concen: 87.92 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086374.D
 Acq: 23 Apr 2016 6:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.9	19.8	29.8



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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-11

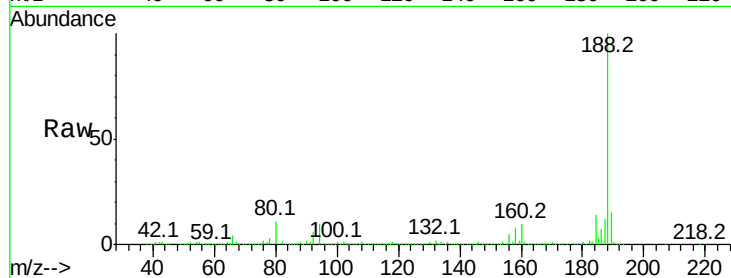
Tot Ion:188 Resp: 667826

Ion Ratio Lower Upper

188 100

94 10.4 6.8 10.2#

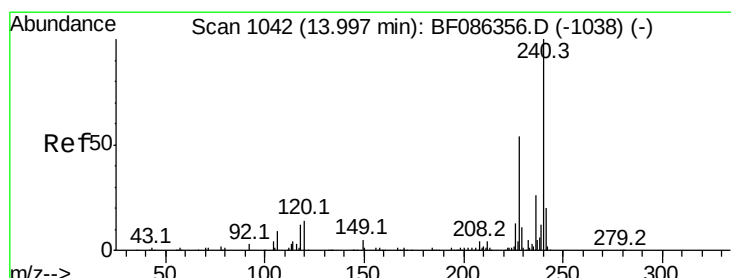
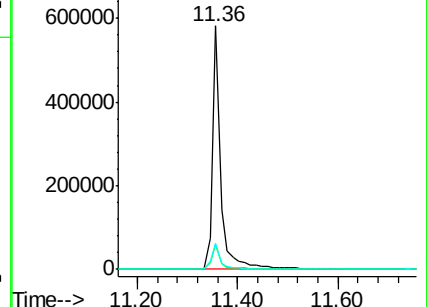
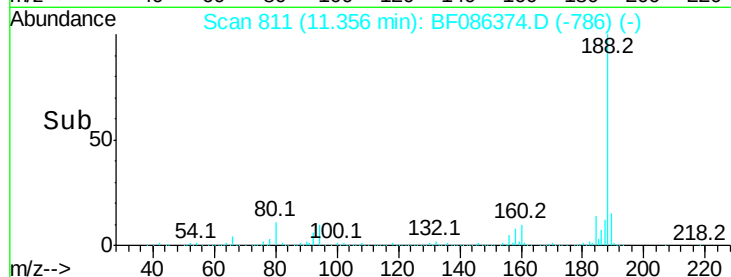
80 10.8 7.1 10.7#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

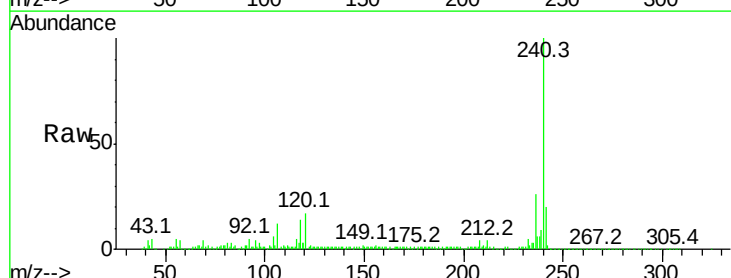
Tgt Ion:240 Resp: 458064

Ion Ratio Lower Upper

240 100

120 16.6 11.2 16.8

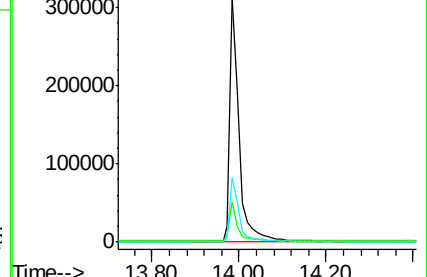
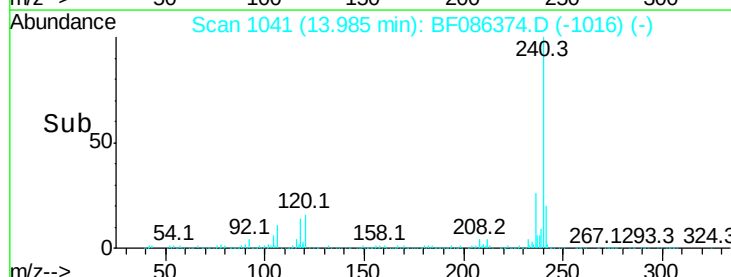
236 26.3 21.2 31.8

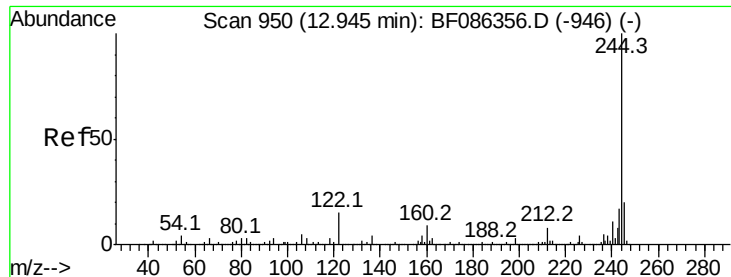


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.52 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

Instrument :

BNA_F

ClientSampleId :

MW-11

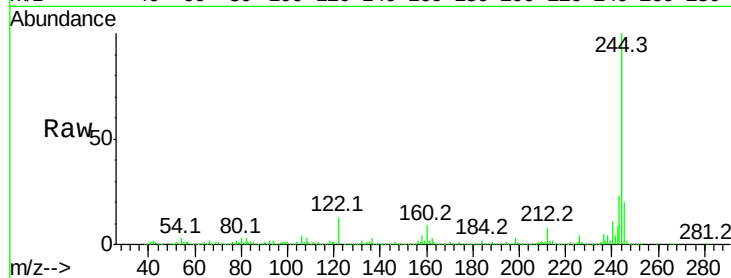
Tot Ion:244 Resp: 1410652

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

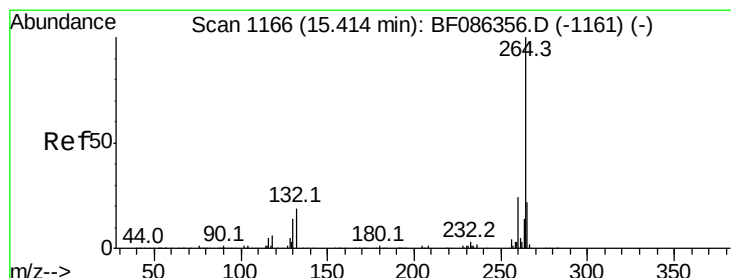
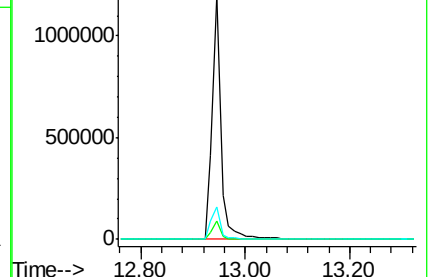
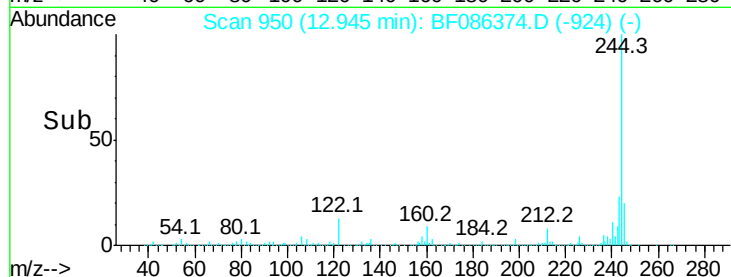
122 13.1 12.0 18.0



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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF086374.D

Acq: 23 Apr 2016 6:48

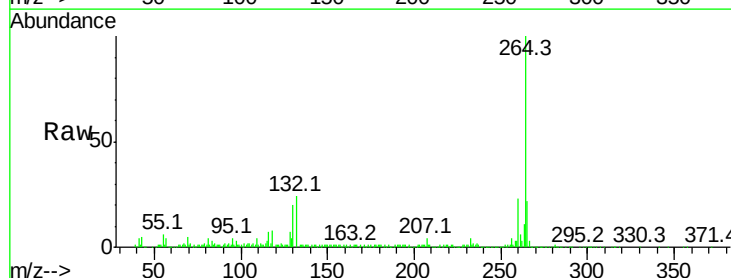
Tgt Ion:264 Resp: 370928

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.5 17.3 25.9



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

