

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086620.D
 Acq On : 2 May 2016 16:29
 Operator : UM/SJ
 Sample : H2716-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Quant Time: May 03 01:38:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

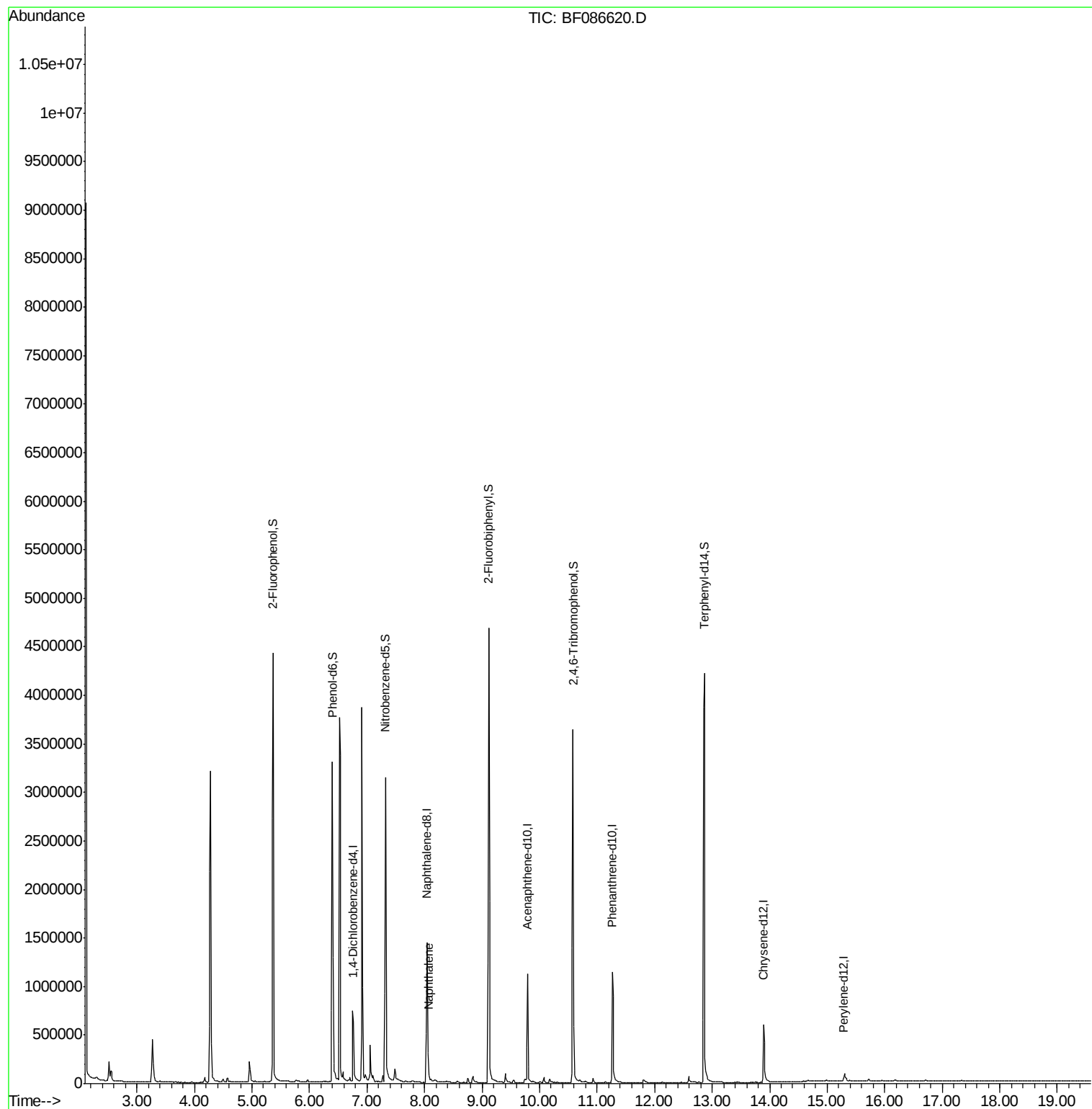
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161863	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	709076	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	211213	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	591533	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	210729	20.00	ng	-0.07
86) Perylene-d12	15.29	264	3102	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1341875	143.00	ng	-0.02
7) Phenol-d6	6.40	99	1174787	89.70	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1148406	87.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	464213	208.41	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1855953	198.01	ng	-0.06
78) Terphenyl-d14	12.87	244	1871248	195.63	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	153410	4.25	ng	Qvalue 99

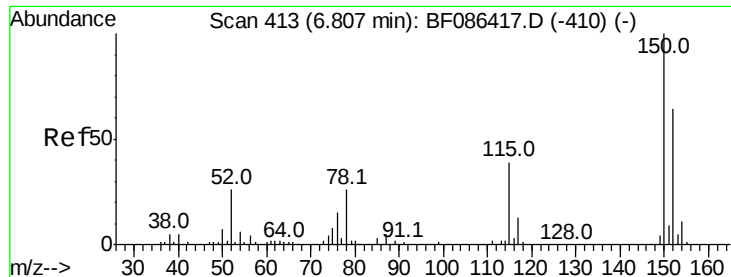
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

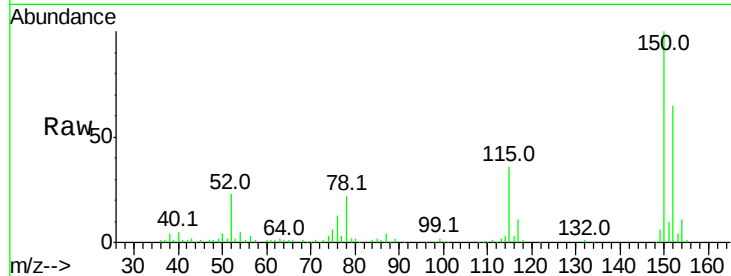
Tot Ion:152 Resp: 161863

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

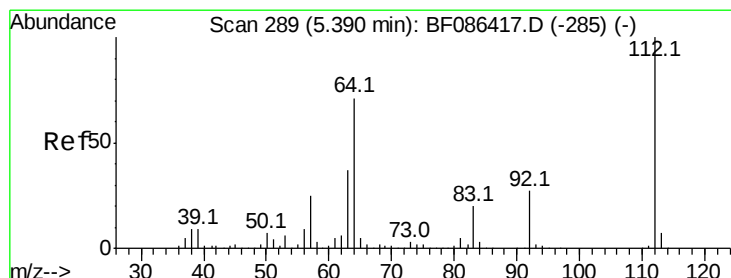
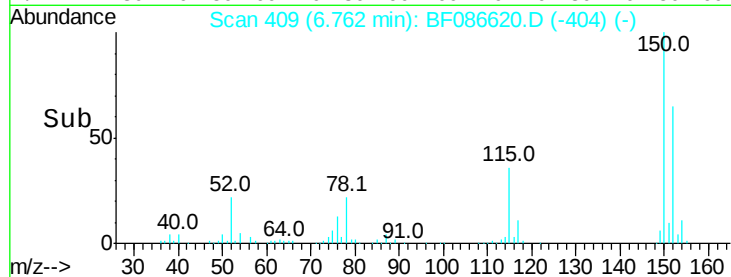
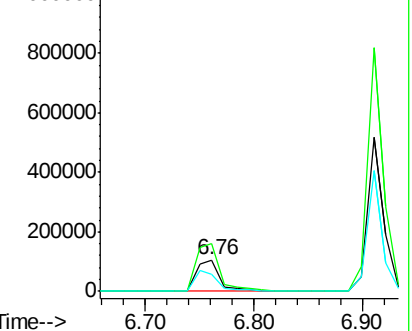
115 55.3 51.5 77.3



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: 143.00 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

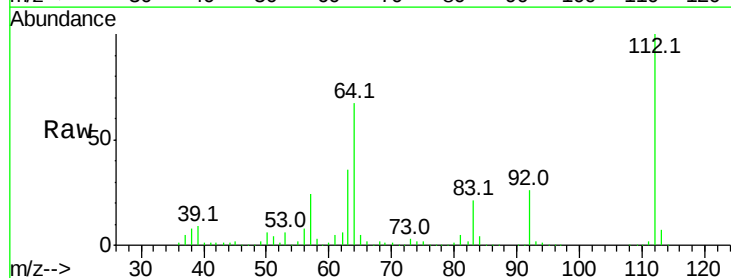
Tgt Ion:112 Resp: 1341875

Ion Ratio Lower Upper

112 100

64 66.8 52.1 78.1

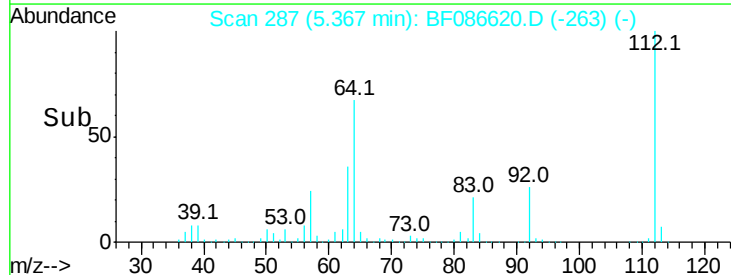
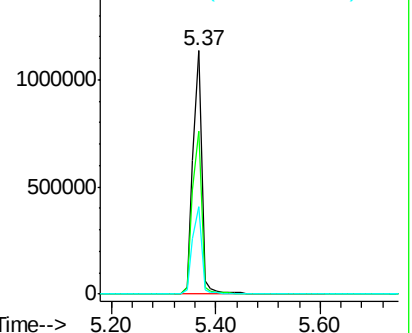
63 36.1 25.7 38.5

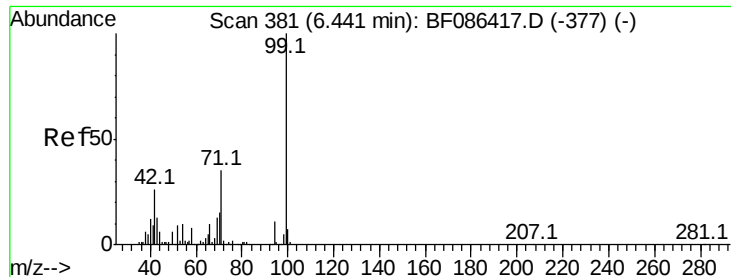


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.70 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

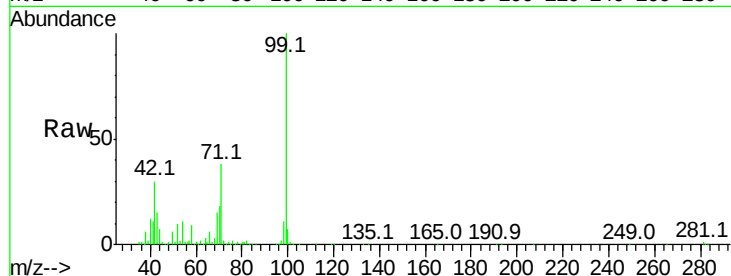
Tot Ion: 99 Resp: 1174787

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

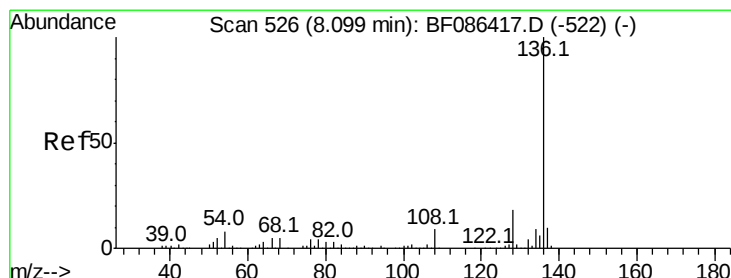
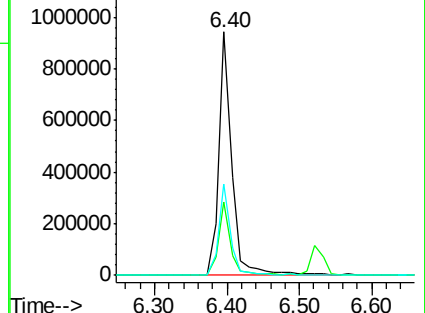
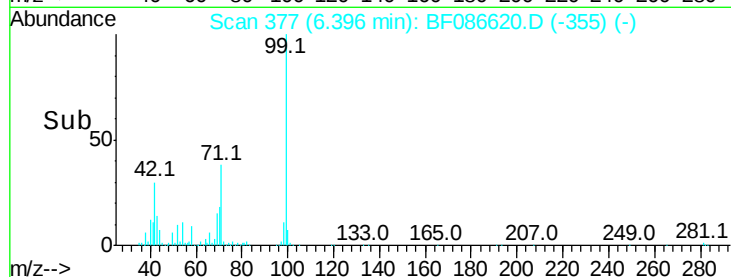
71 37.6 24.6 36.8#



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: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

Tgt Ion: 136 Resp: 709076

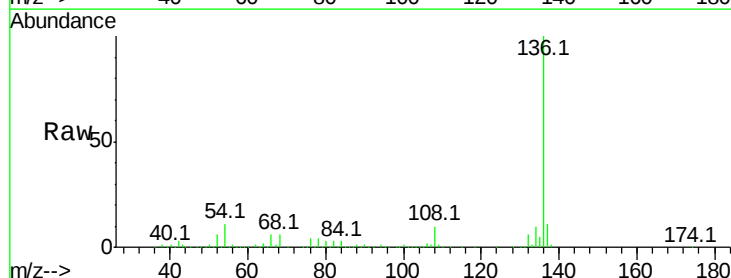
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.6 5.0 7.4#

68 6.3 4.4 6.6

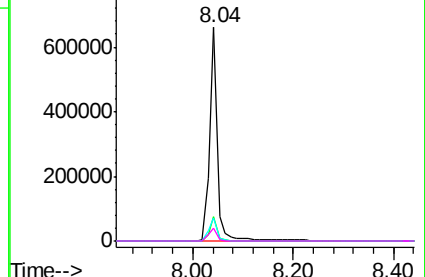
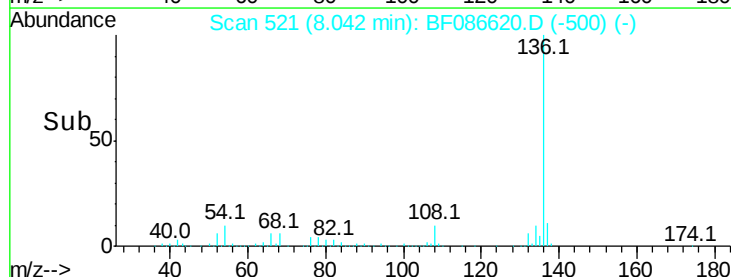


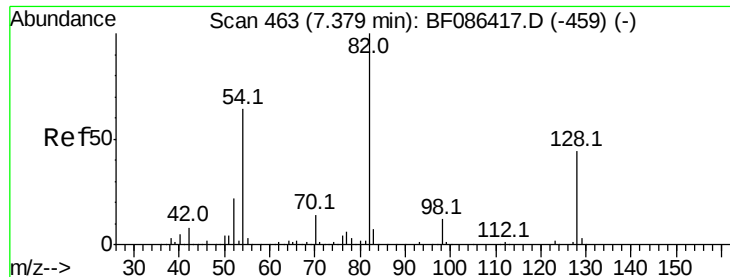
Abundance Ion 136.00 (135.70 to 136.70): E

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

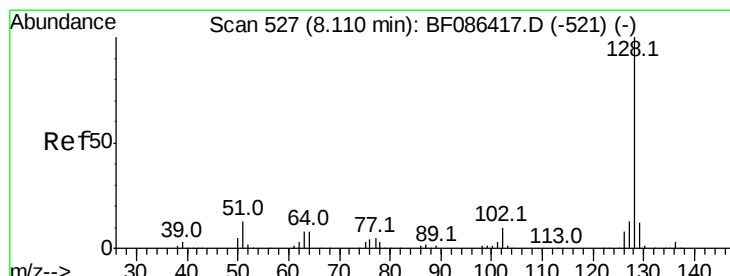
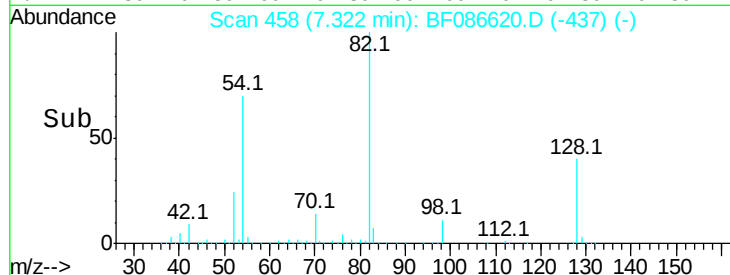
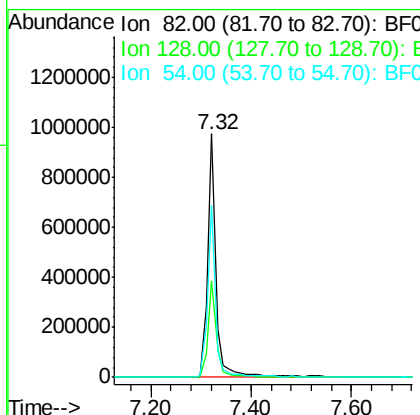
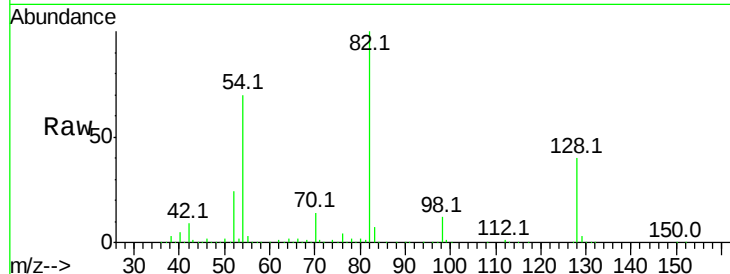




#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

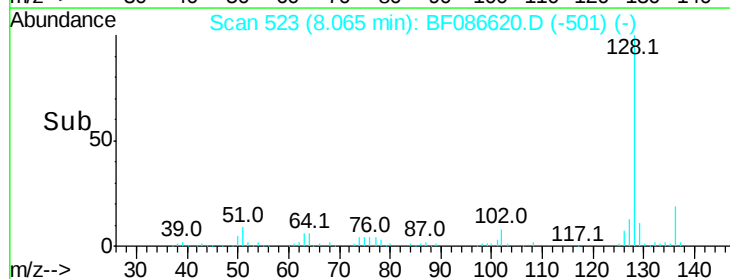
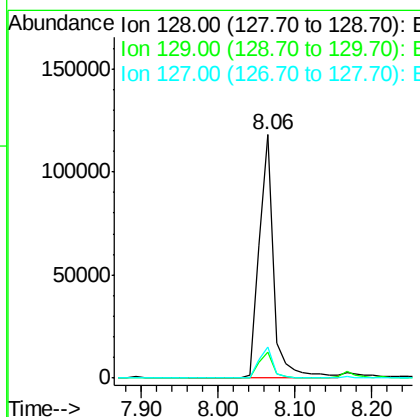
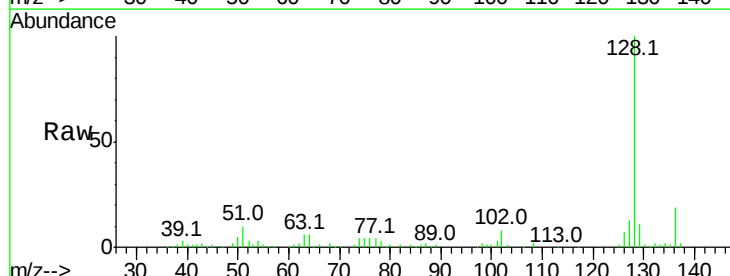
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

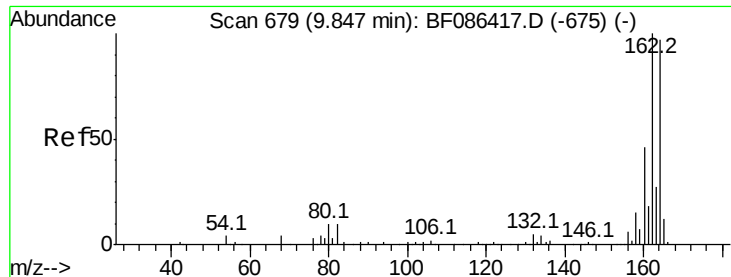
Tot Ion: 82 Resp: 1148406
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 70.4 38.1 57.1#



#31
 Naphthalene
 Concen: 4.25 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Tgt Ion: 128 Resp: 153410
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.7 10.8 16.2

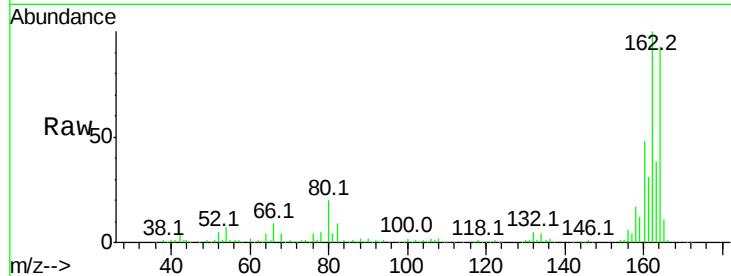




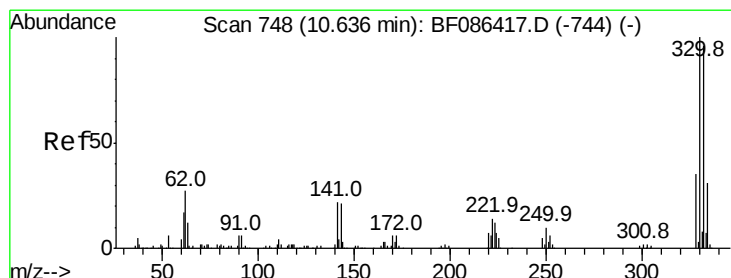
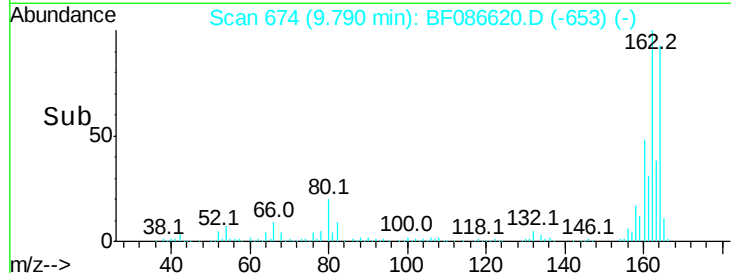
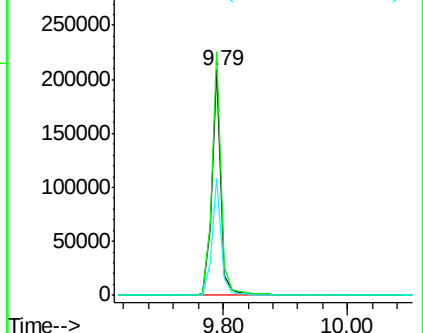
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.8	124.2
160	52.0	36.9	55.3

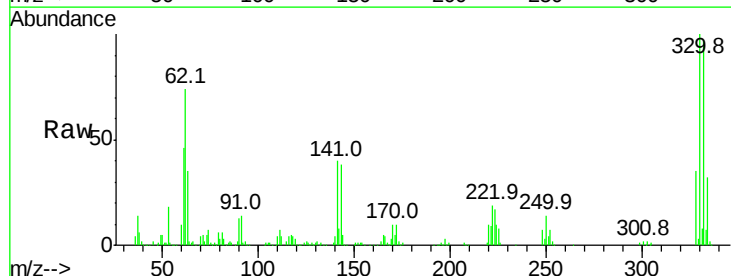


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

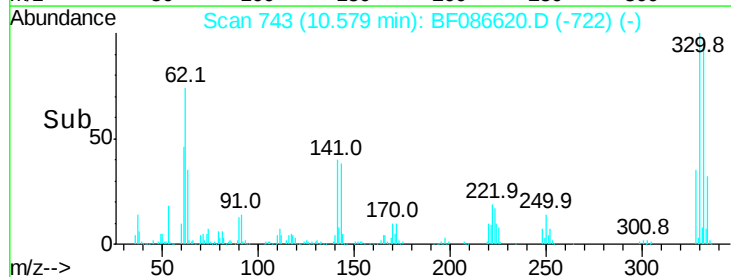
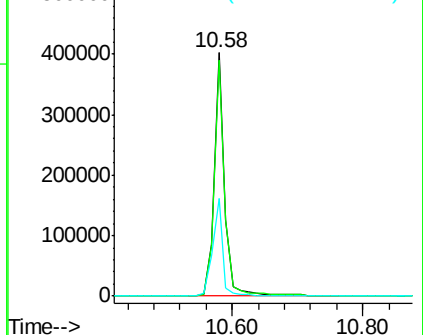


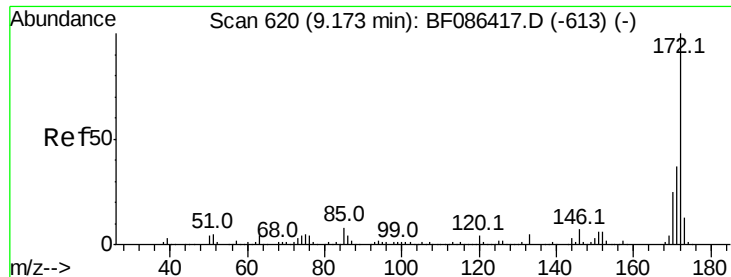
#41
 2,4,6-Tribromophenol
 Concen: 208.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	39.3	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: 198.01 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

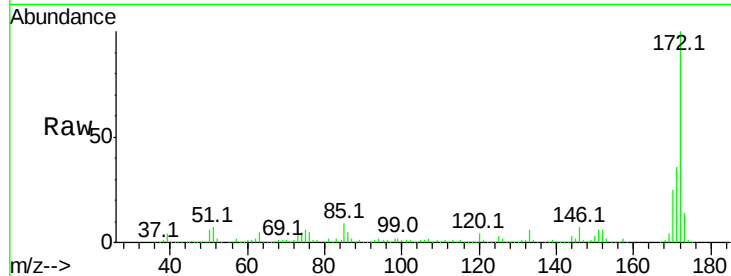
Tot Ion:172 Resp: 1855953

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

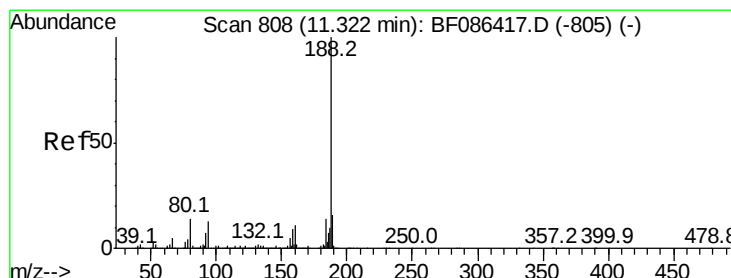
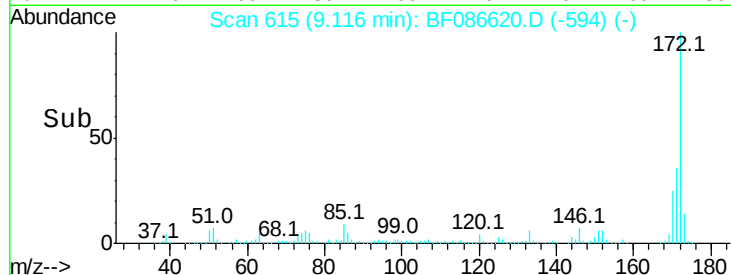
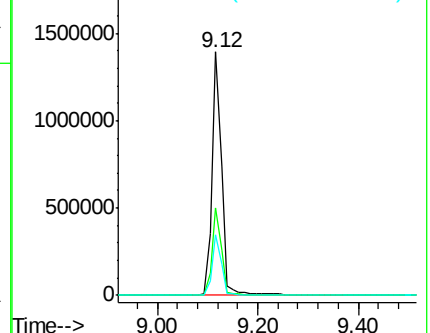
170 24.8 19.8 29.8



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: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

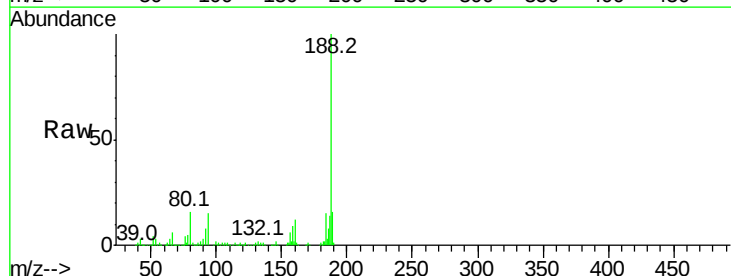
Tgt Ion:188 Resp: 591533

Ion Ratio Lower Upper

188 100

94 14.7 6.8 10.2#

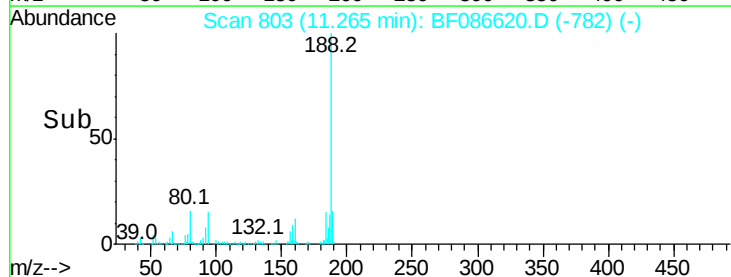
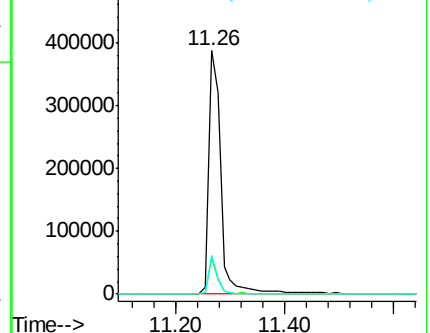
80 16.1 7.1 10.7#

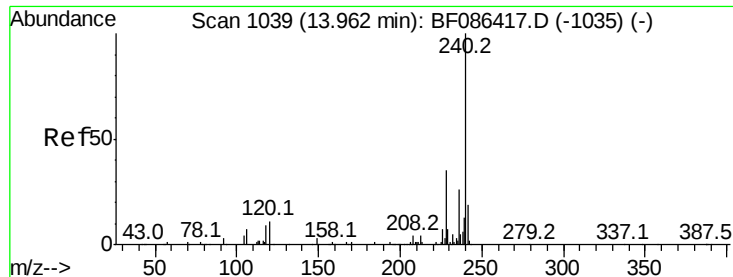


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

Instrument :

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ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)

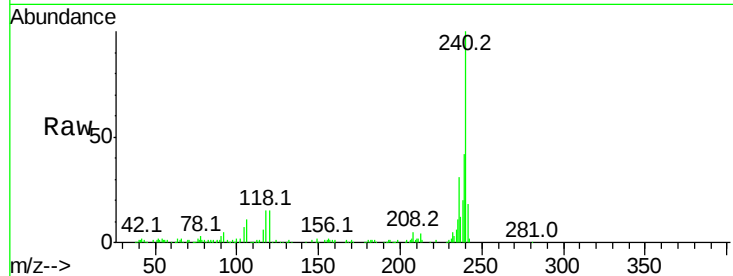
Tot Ion:240 Resp: 210729

Ion Ratio Lower Upper

240 100

120 15.5 11.2 16.8

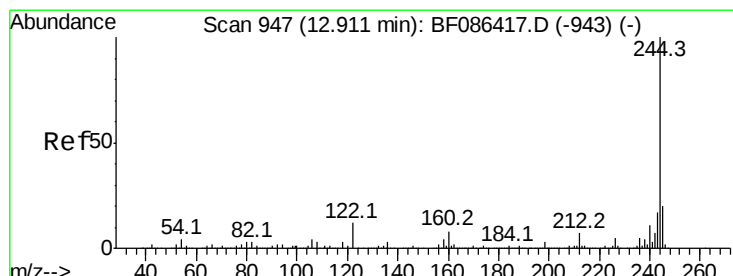
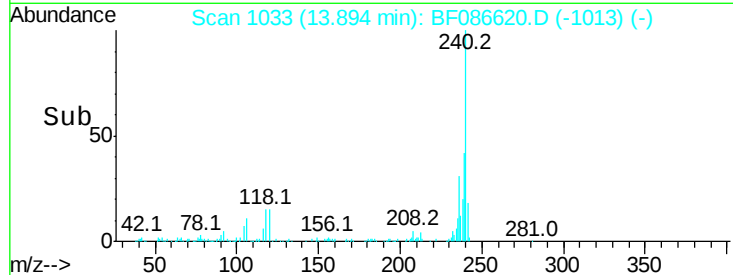
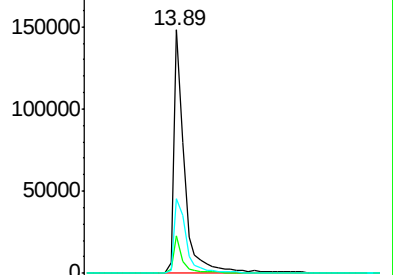
236 30.5 21.2 31.8



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: 195.63 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

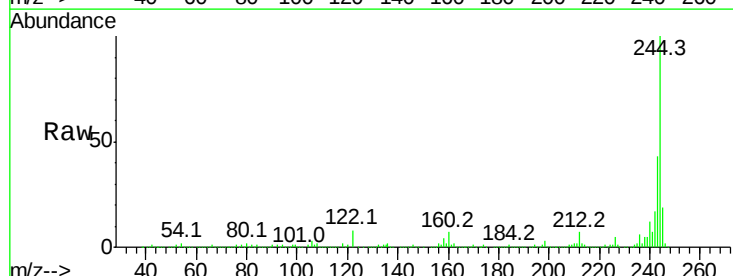
Tgt Ion:244 Resp: 1871248

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

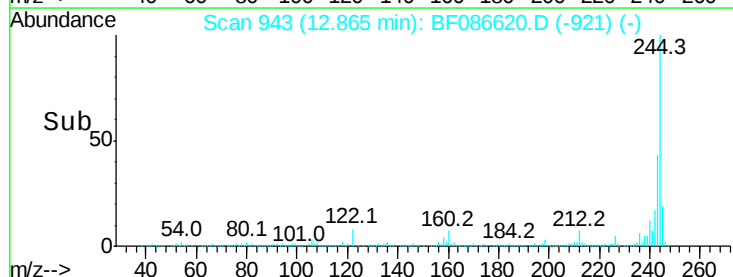
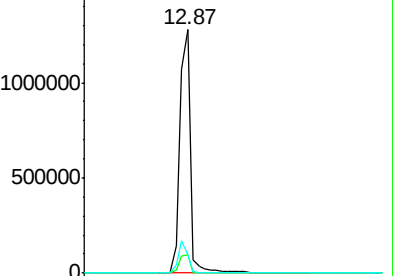
122 7.7 12.0 18.0#

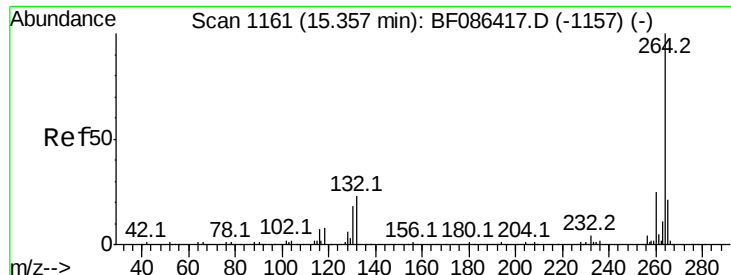


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

Tot Ion: 264 Resp: 3102
 Ion Ratio Lower Upper
 264 100
 260 142.0 19.5 29.3#
 265 24.1 17.3 25.9

