

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086602.D
 Acq On : 2 May 2016 7:00
 Operator : UM/SJ
 Sample : H2686-06
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

Quant Time: May 02 07:31:29 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	142998	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	592357	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	290364	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	547076	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	386310	20.00	ng	-0.06
86) Perylene-d12	15.30	264	250345	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1071433	129.24	ng	-0.02
7) Phenol-d6	6.41	99	1275955	110.27	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1036230	94.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	406437	132.73	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1533727	94.68	ng	-0.05
78) Terphenyl-d14	12.87	244	1455118	82.99	ng	-0.05

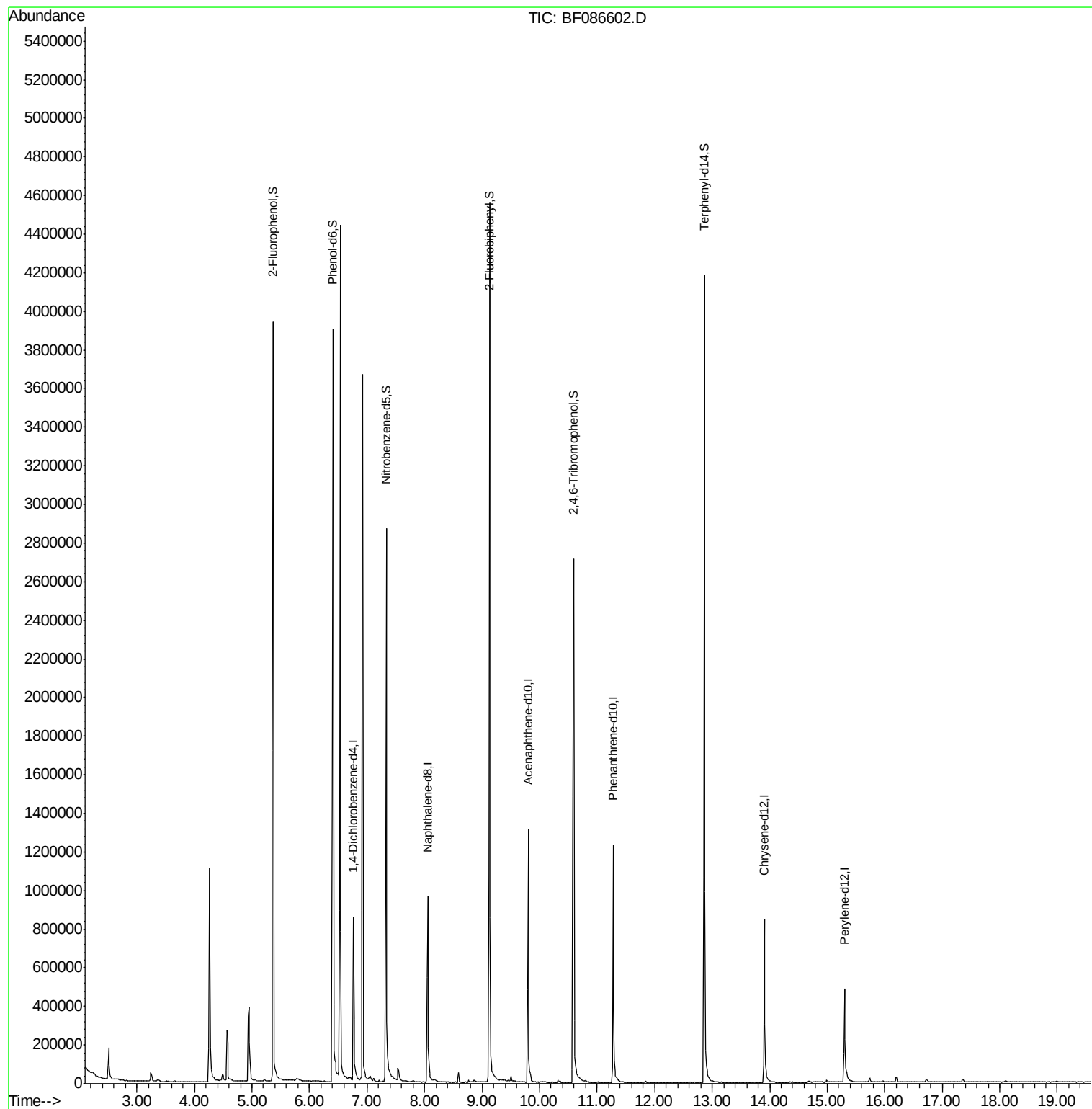
Target Compounds	Qvalue
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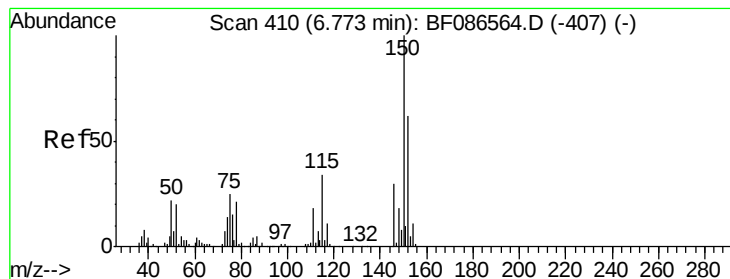
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086602.D

Acq: 2 May 2016 7:00

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

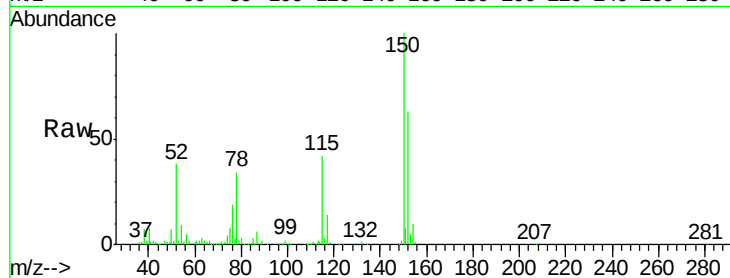
Tgt Ion:152 Resp: 142998

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.6

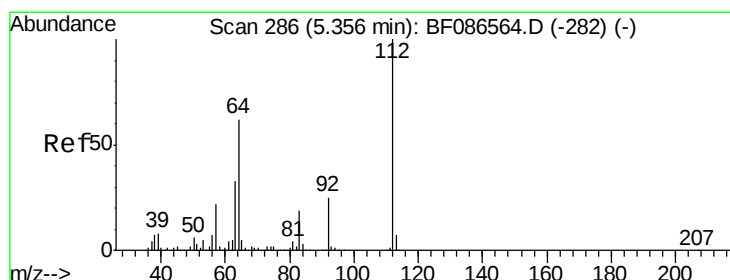
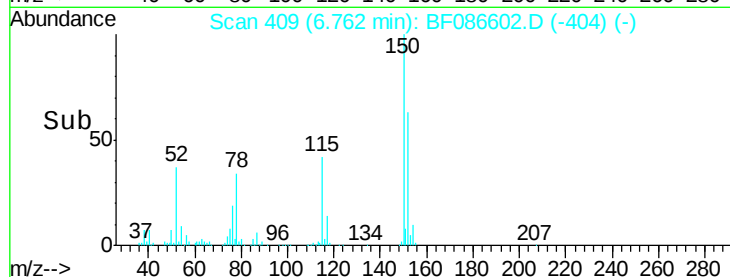
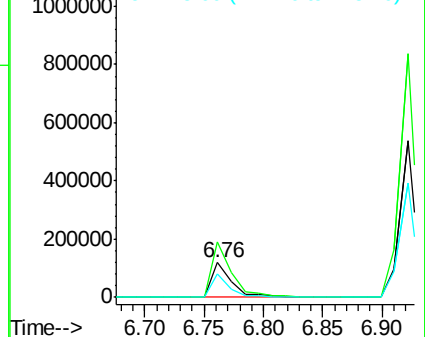
115 67.8 51.5 77.3



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: 129.24 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086602.D

Acq: 2 May 2016 7:00

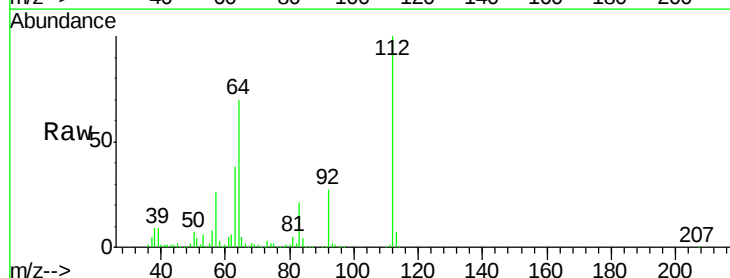
Tgt Ion:112 Resp: 1071433

Ion Ratio Lower Upper

112 100

64 69.9 52.1 78.1

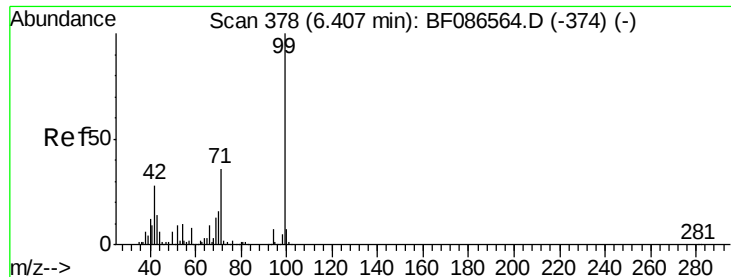
63 37.7 25.7 38.5



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 63.7



#7

Phenol-d6

Concen: 110.27 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086602.D

Acq: 2 May 2016 7:00

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

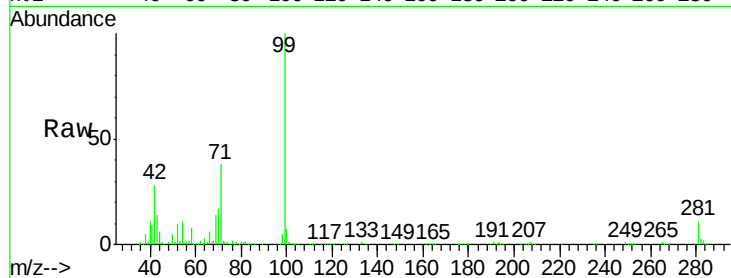
Tgt Ion: 99 Resp: 1275955

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

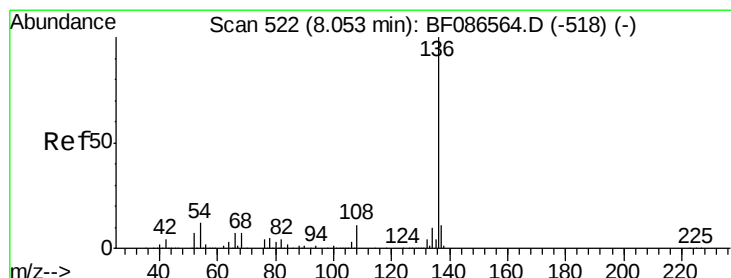
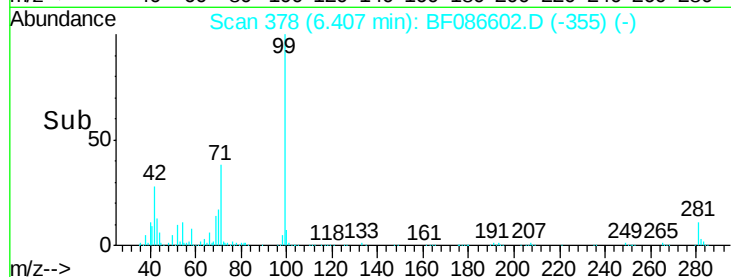
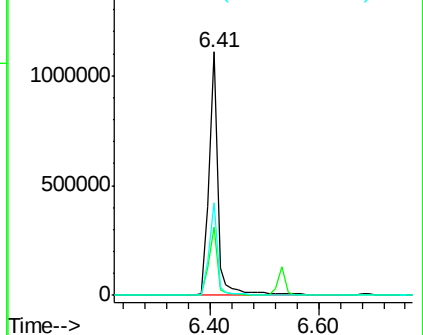
71 38.2 24.6 36.8#



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: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086602.D

Acq: 2 May 2016 7:00

Tgt Ion: 136 Resp: 592357

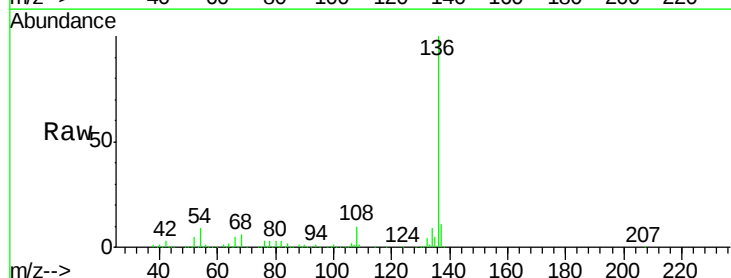
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

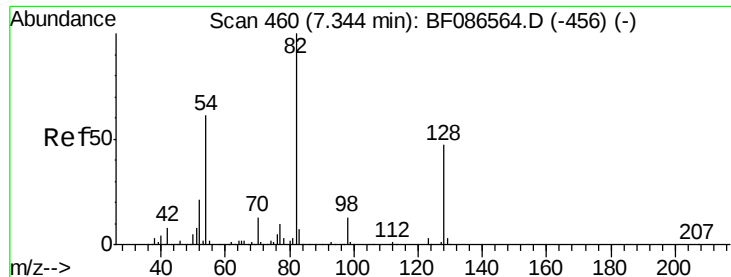
54 8.9 5.0 7.4#

68 5.6 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): E

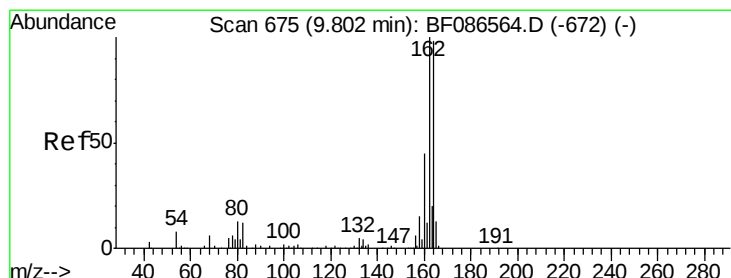
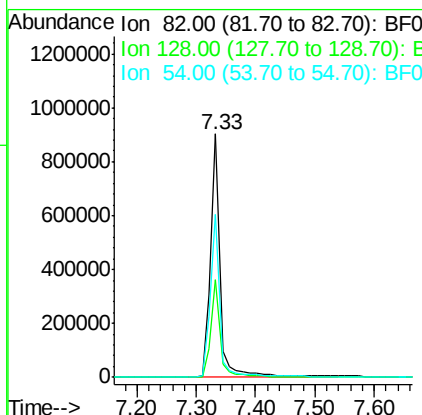
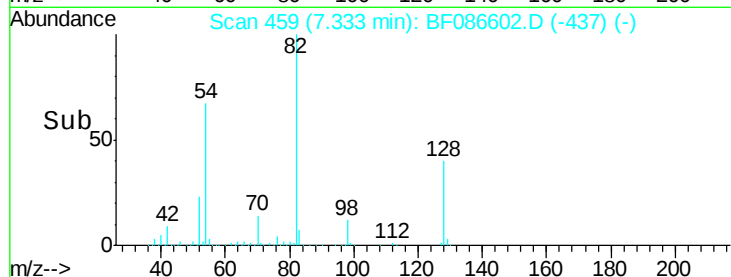
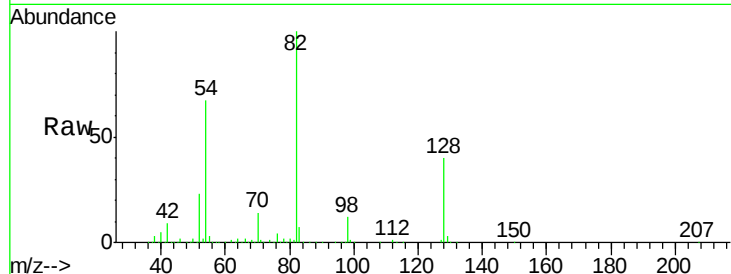
Ion 137.00 (136.70 to 137.70): E



#23
 Nitrobenzene-d5
 Concen: 94.29 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086602.D
 Acq: 2 May 2016 7:00

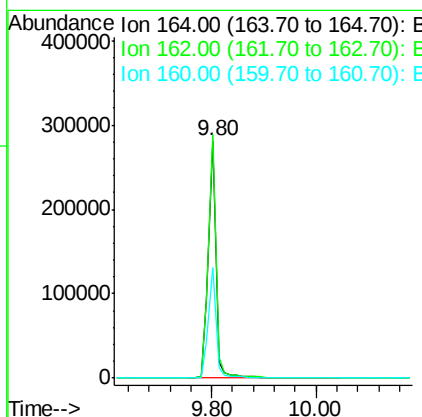
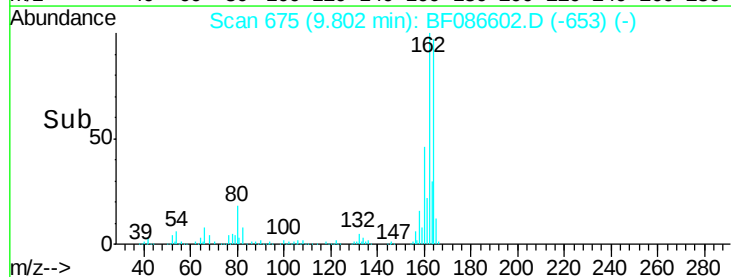
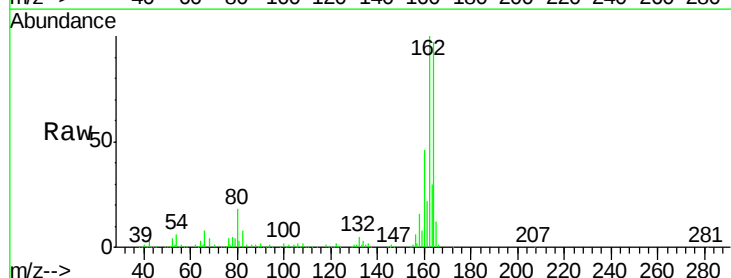
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

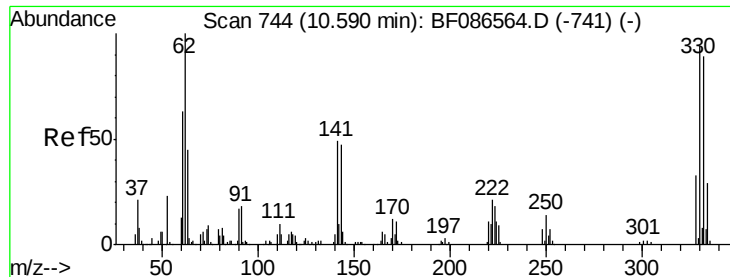
Tgt Ion: 82 Resp: 1036230
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 66.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086602.D
 Acq: 2 May 2016 7:00

Tgt Ion: 164 Resp: 290364
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.8 124.2
 160 46.7 36.9 55.3

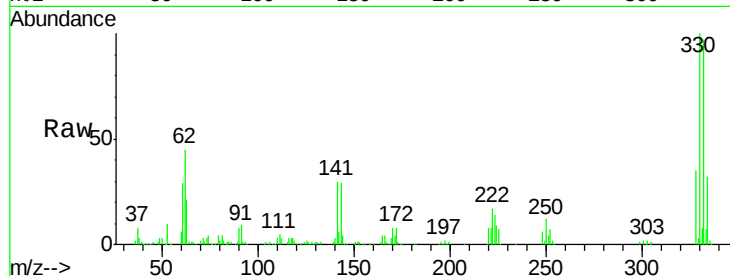




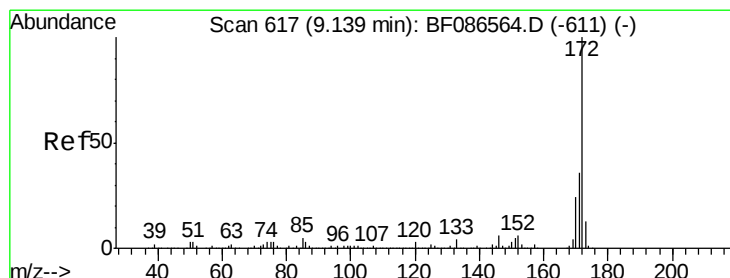
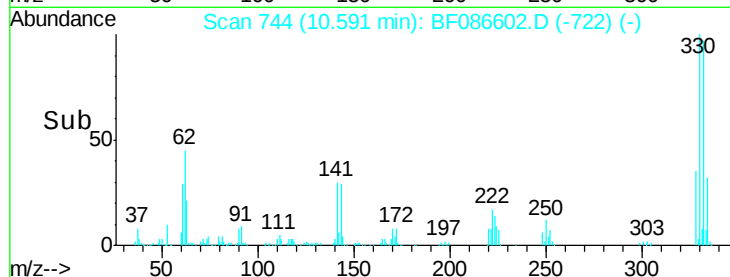
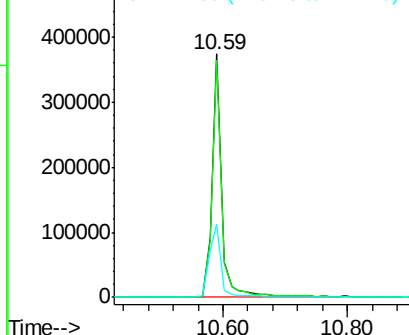
#41
 2,4,6-Tribromophenol
 Concen: 132.73 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086602.D
 Acq: 2 May 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

Tgt Ion:330 Resp: 406437
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 38.2 31.2 46.8

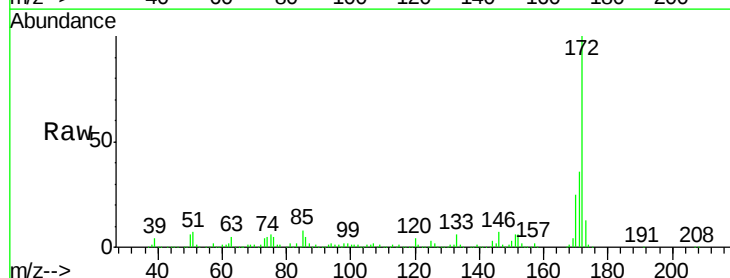


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

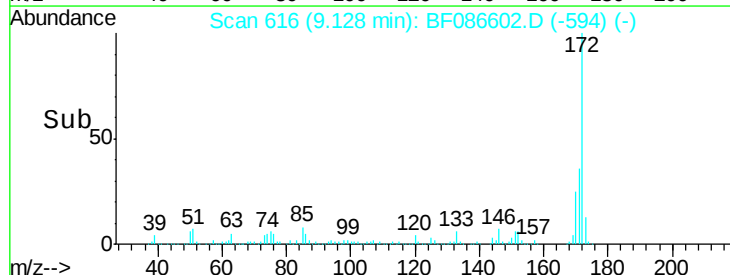
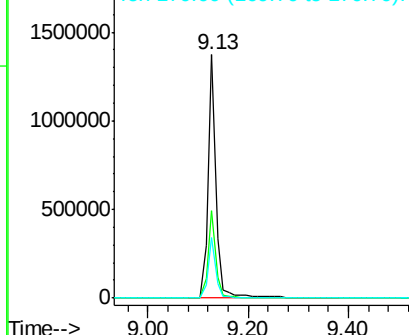


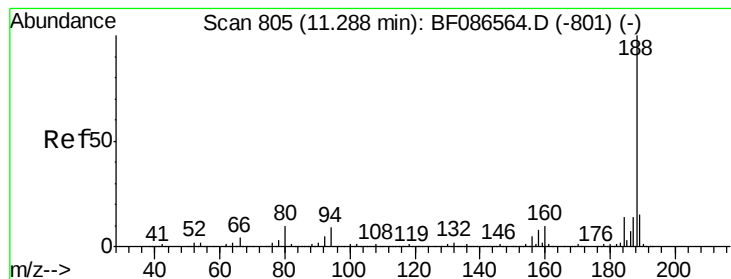
#44
 2-Fluorobiphenyl
 Concen: 94.68 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086602.D
 Acq: 2 May 2016 7:00

Tgt Ion:172 Resp: 1533727
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.7 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: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086602.D

Acq: 2 May 2016 7:00

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

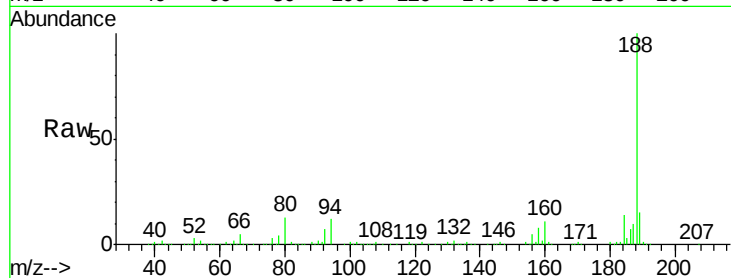
Tgt Ion:188 Resp: 547076

Ion Ratio Lower Upper

188 100

94 12.0 6.8 10.2#

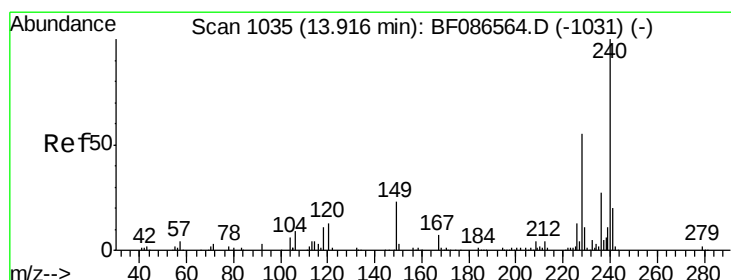
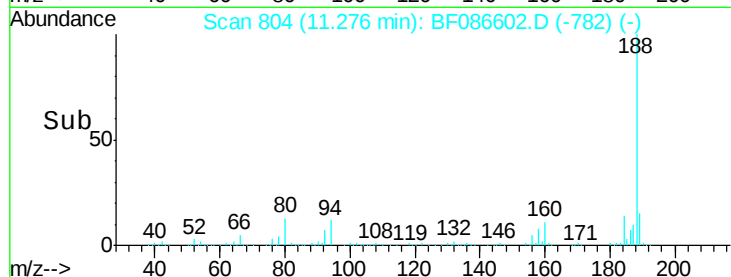
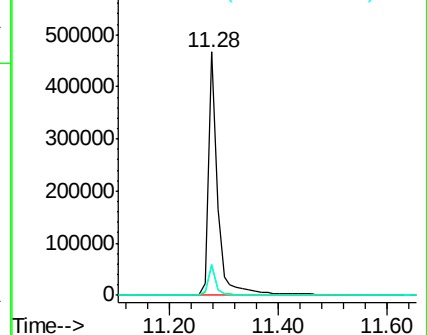
80 12.9 7.1 10.7#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086602.D

Acq: 2 May 2016 7:00

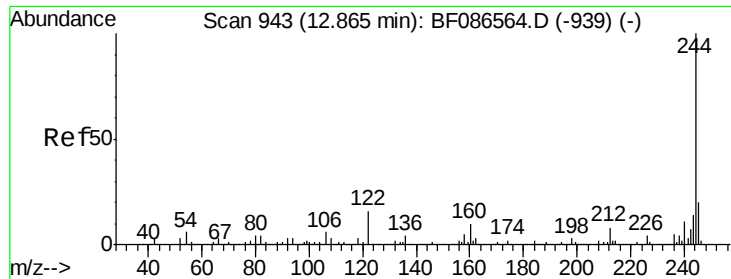
Tgt Ion:240 Resp: 386310

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

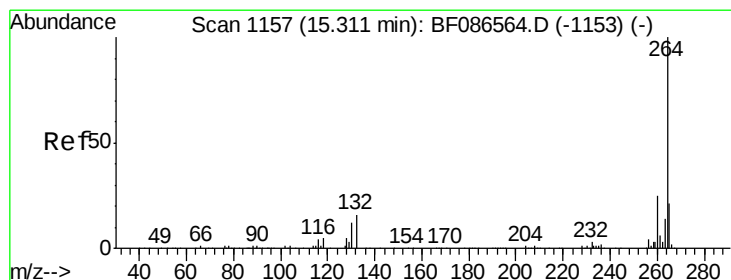
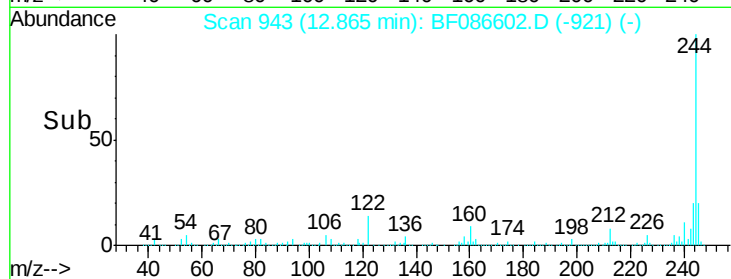
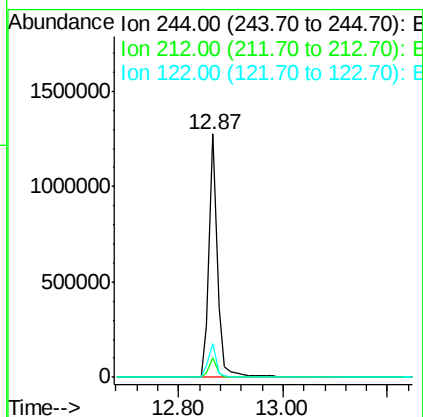
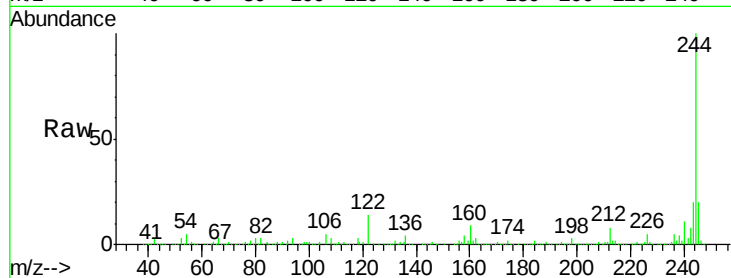
236 26.3 21.2 31.8



#78
 Terphenyl-d14
 Concen: 82.99 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086602.D
 Acq: 2 May 2016 7:00

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

Tgt Ion:244 Resp: 1455118
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086602.D
 Acq: 2 May 2016 7:00

Tgt Ion:264 Resp: 250345
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.1 17.3 25.9

