

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086604.D
 Acq On : 2 May 2016 7:56
 Operator : UM/SJ
 Sample : H2686-08
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-9(0-10FTBGS)

Quant Time: May 02 08:24:20 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

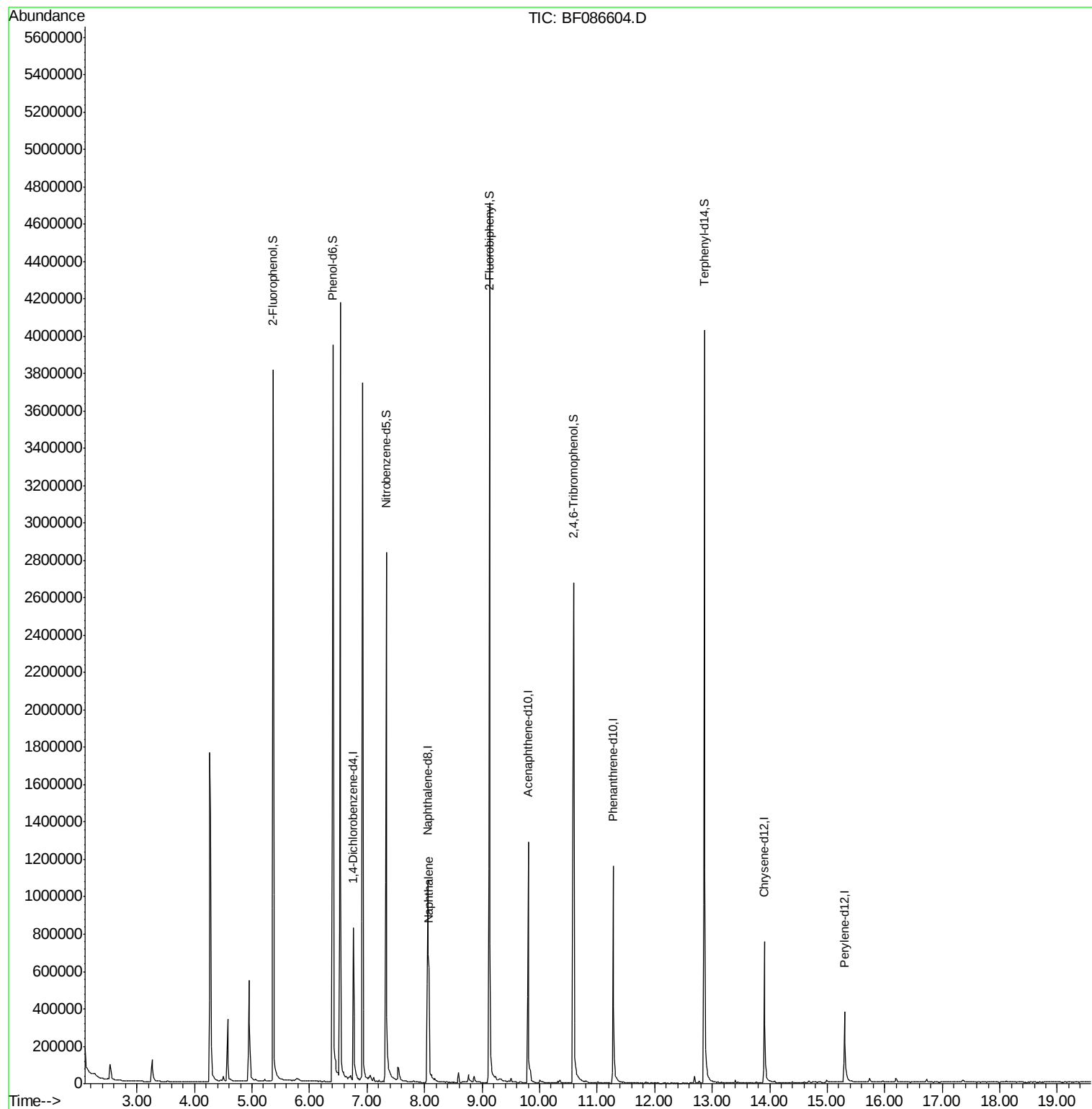
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139528	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	602502	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	278387	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	528801	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	354269	20.00	ng	-0.06
86) Perylene-d12	15.30	264	194660	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1067079	131.91	ng	-0.02
7) Phenol-d6	6.41	99	1300185	115.16	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1058415	94.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	409418	139.46	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1548980	101.32	ng	-0.05
78) Terphenyl-d14	12.86	244	1447003	89.99	ng	-0.05
Target Compounds						
31) Naphthalene	8.08	128	462328	15.08	ng	Qvalue 98

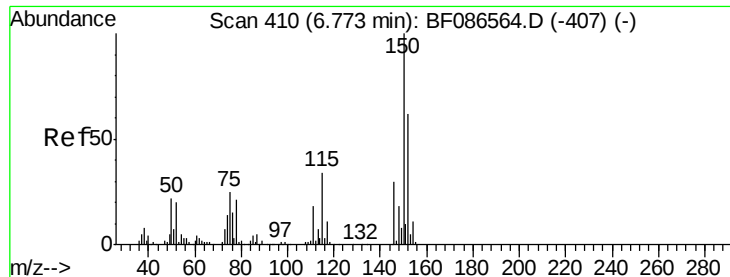
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086604.D

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BNA_F

ClientSampleId :

26WARD-2B-CS-9(0-10FTBGS)

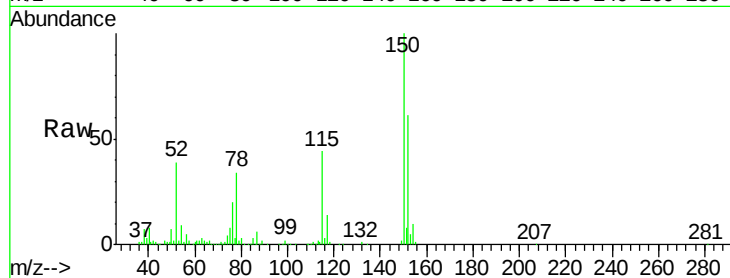
Tgt Ion:152 Resp: 139528

Ion Ratio Lower Upper

152 100

150 163.1 125.8 188.6

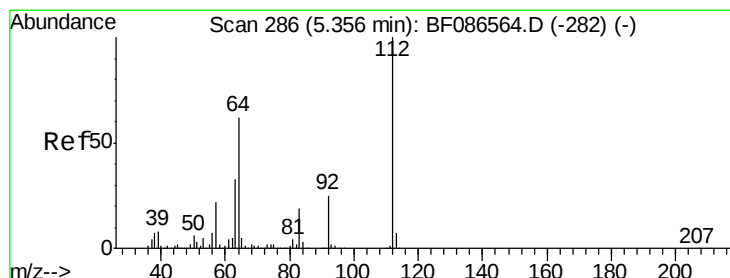
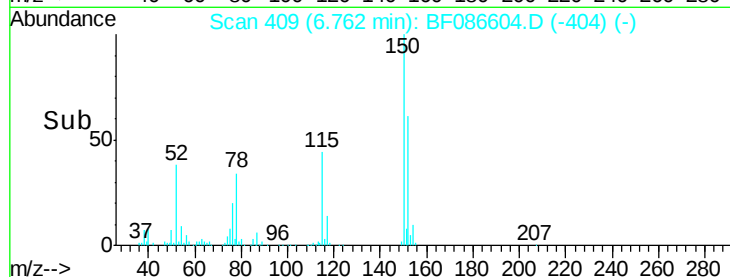
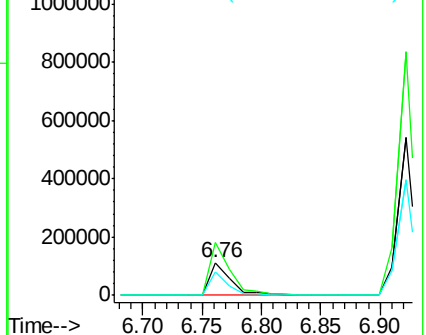
115 72.2 51.5 77.3



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: 131.91 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086604.D

Acq: 2 May 2016 7:56

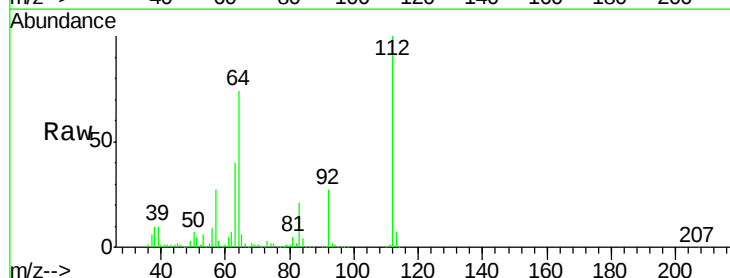
Tgt Ion:112 Resp: 1067079

Ion Ratio Lower Upper

112 100

64 73.7 52.1 78.1

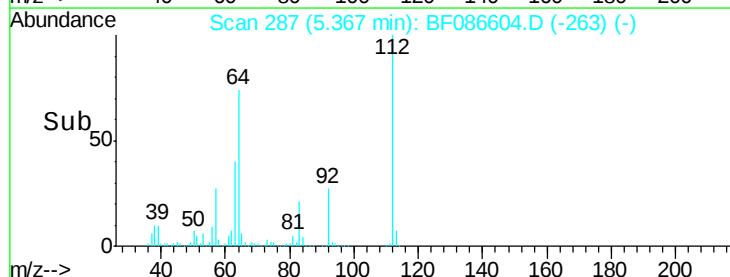
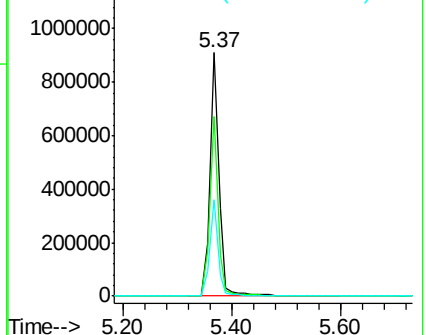
63 39.6 25.7 38.5#

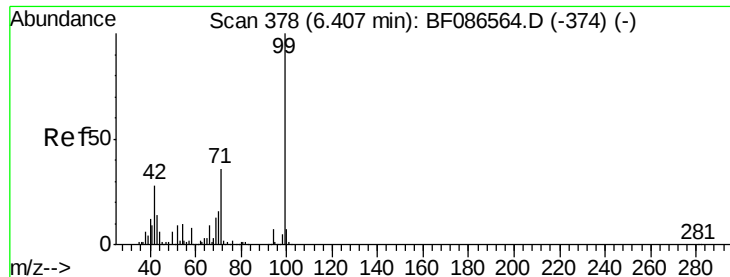


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.16 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086604.D

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Instrument :

BNA_F

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26WARD-2B-CS-9(0-10FTBGS)

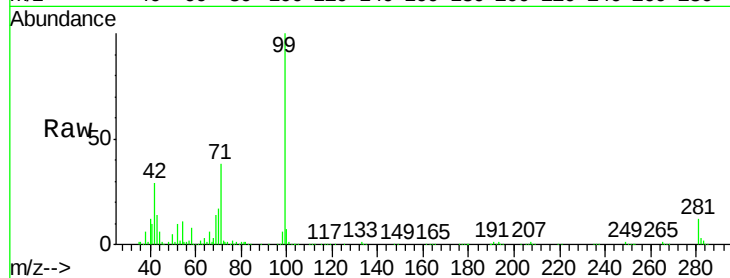
Tgt Ion: 99 Resp: 1300185

Ion Ratio Lower Upper

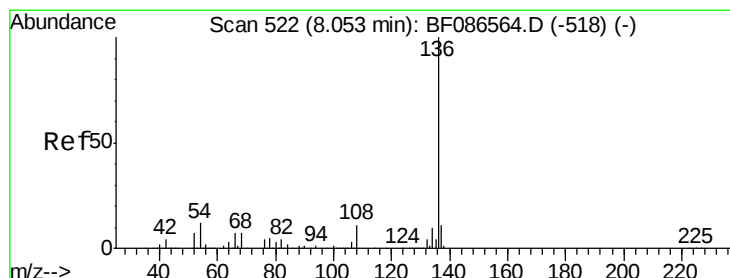
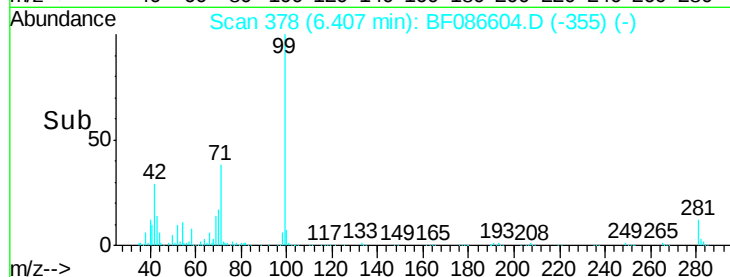
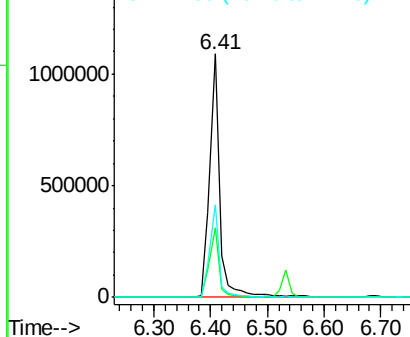
99 100

42 28.6 13.6 20.4#

71 38.3 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: BF086604.D

Acq: 2 May 2016 7:56

Tgt Ion: 136 Resp: 602502

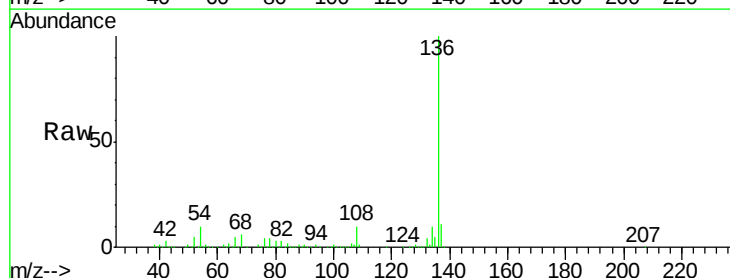
Ion Ratio Lower Upper

136 100

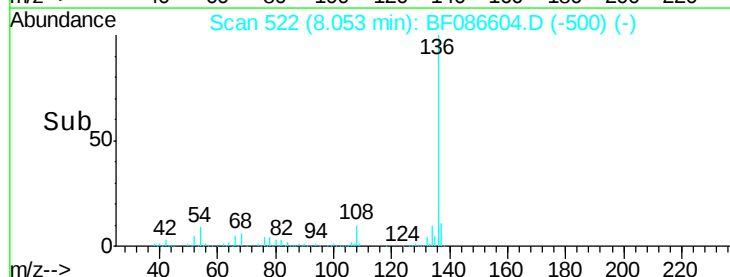
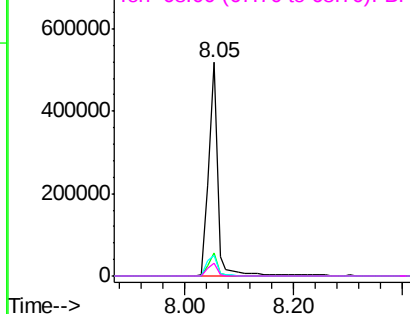
137 10.8 8.8 13.2

54 9.5 5.0 7.4#

68 5.7 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

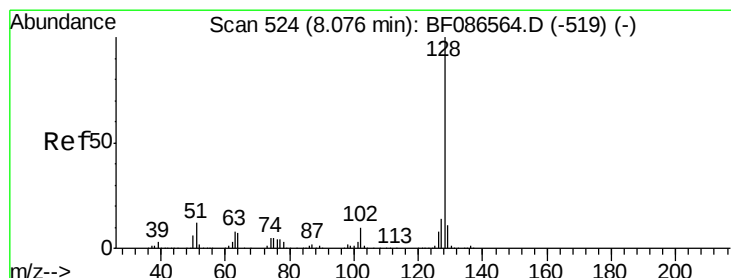
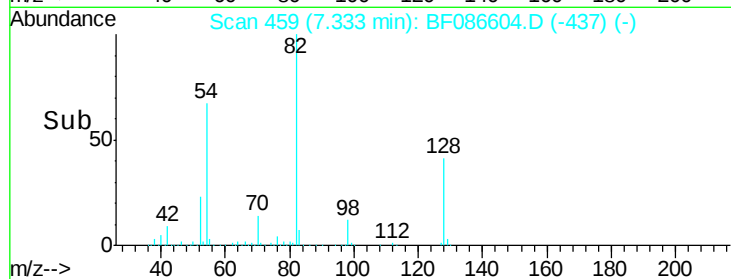
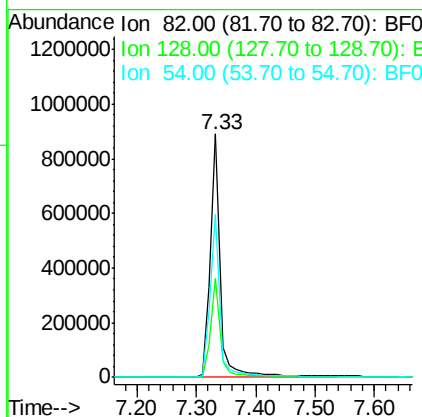
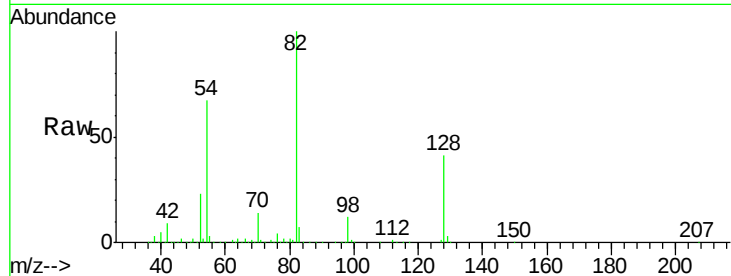




#23
 Nitrobenzene-d5
 Concen: 94.69 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086604.D
 Acq: 2 May 2016 7:56

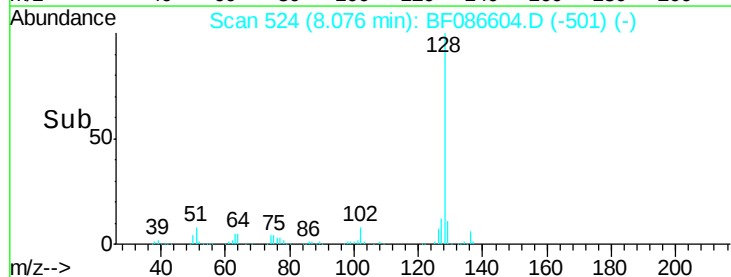
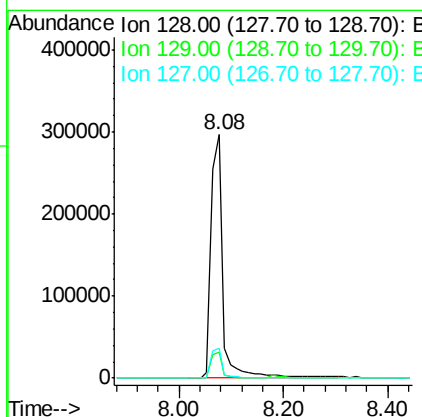
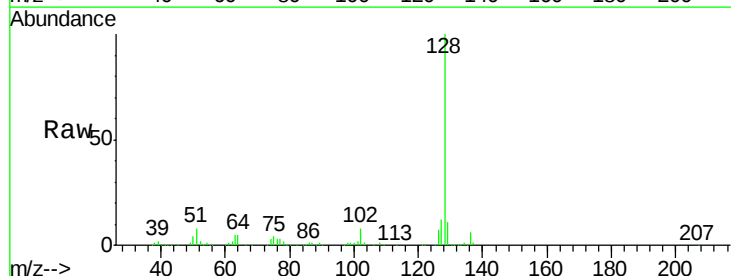
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-9(0-10FTBGS)

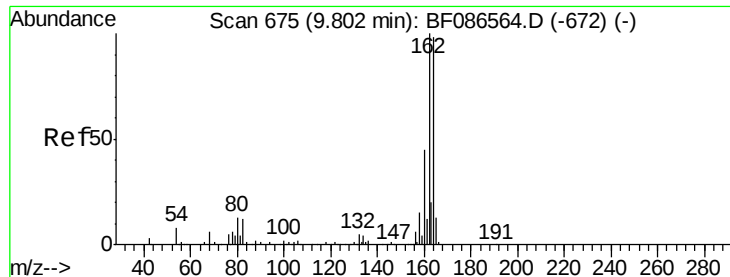
Tgt Ion: 82 Resp: 1058415
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 67.2 38.1 57.1#



#31
 Naphthalene
 Concen: 15.08 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF086604.D
 Acq: 2 May 2016 7:56

Tgt Ion: 128 Resp: 462328
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 13.0
 127 12.3 10.8 16.2

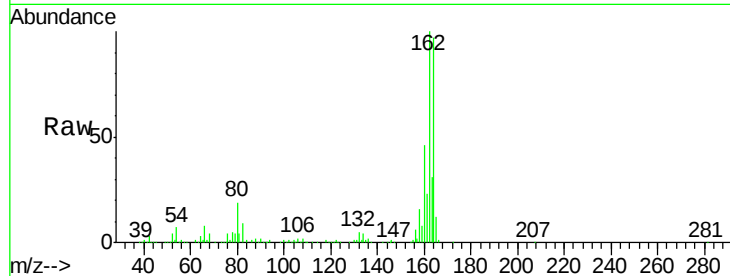




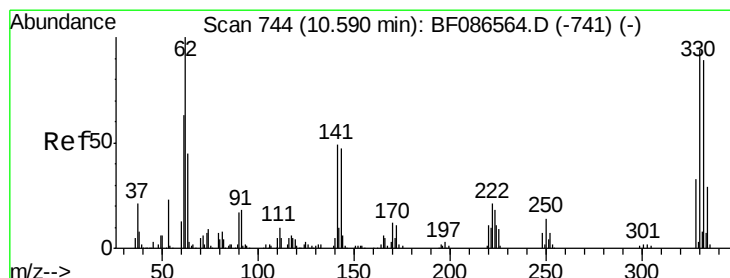
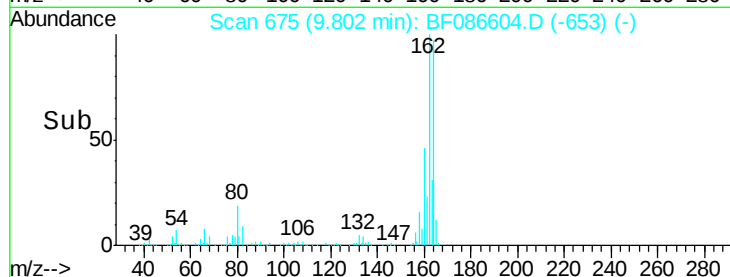
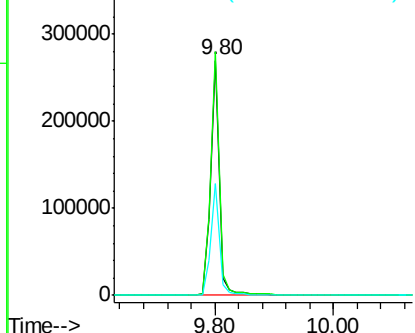
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086604.D
 Acq: 2 May 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-9(0-10FTBGS)

Tgt Ion:164 Resp: 278387
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 47.7 36.9 55.3

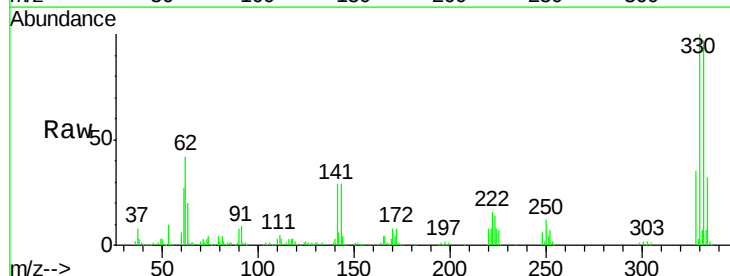


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

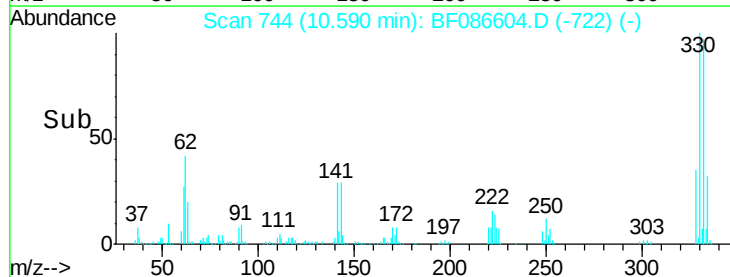
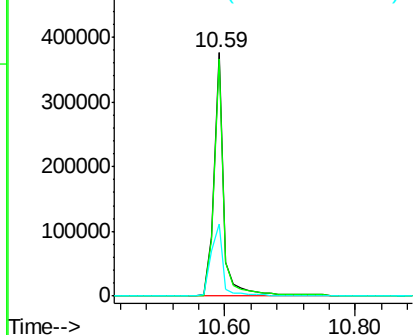


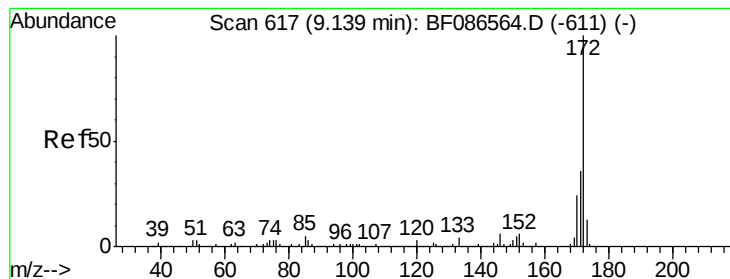
#41
 2,4,6-Tribromophenol
 Concen: 139.46 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086604.D
 Acq: 2 May 2016 7:56

Tgt Ion:330 Resp: 409418
 Ion Ratio Lower Upper
 330 100
 332 98.2 79.0 118.4
 141 36.9 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

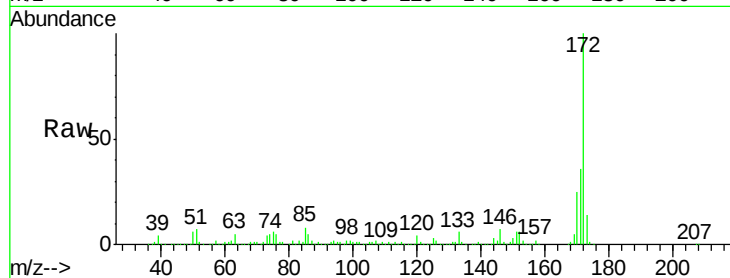




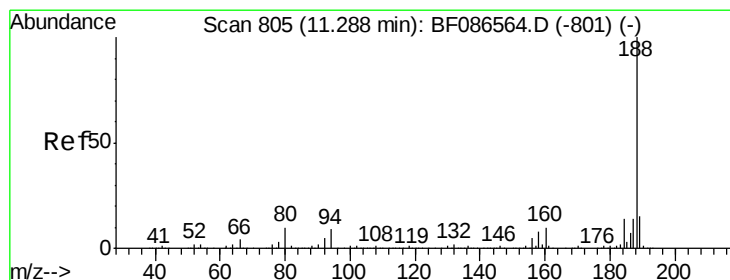
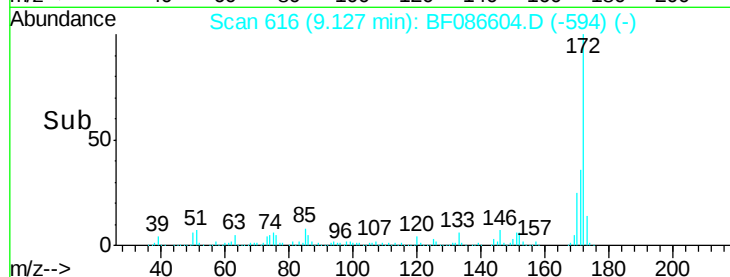
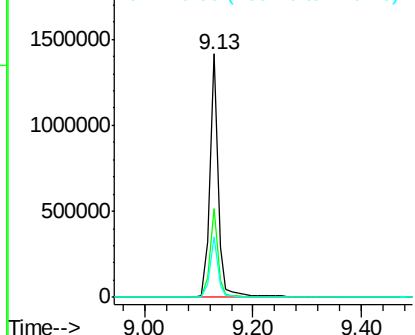
#44
 2-Fluorobiphenyl
 Concen: 101.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086604.D
 Acq: 2 May 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-9(0-10FTBGS)

Tgt Ion:172 Resp: 1548980
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.8 29.8

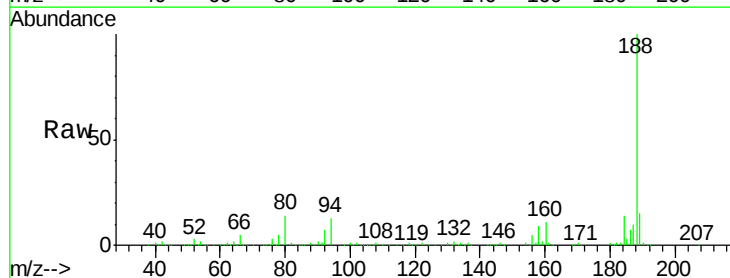


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

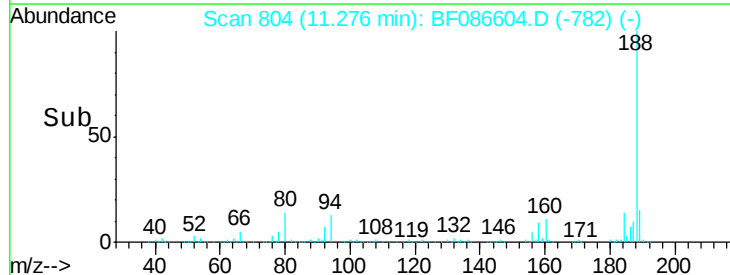
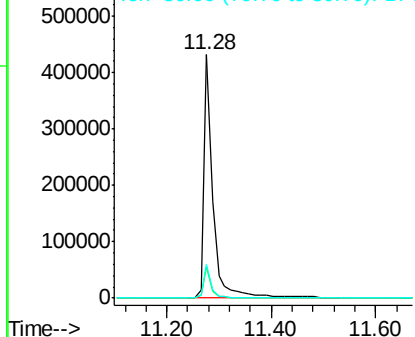


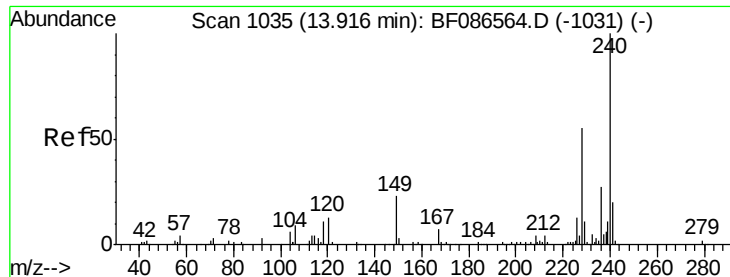
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086604.D
 Acq: 2 May 2016 7:56

Tgt Ion:188 Resp: 528801
 Ion Ratio Lower Upper
 188 100
 94 12.6 6.8 10.2#
 80 13.8 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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086604.D

Acq: 2 May 2016 7:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-9(0-10FTBGS)

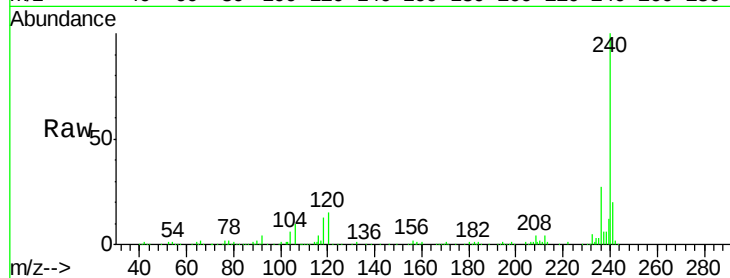
Tgt Ion:240 Resp: 354269

Ion Ratio Lower Upper

240 100

120 14.9 11.2 16.8

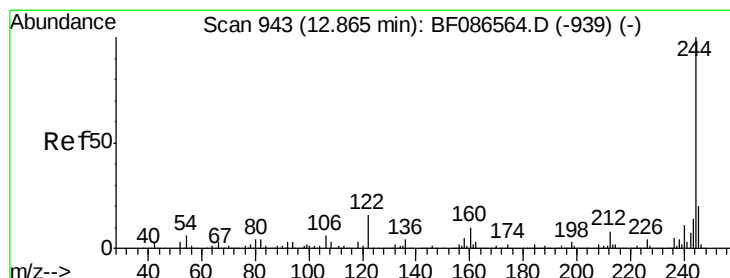
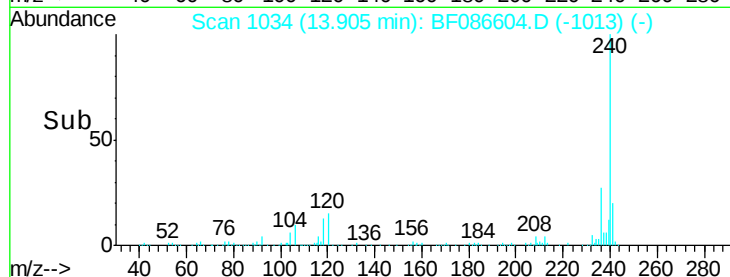
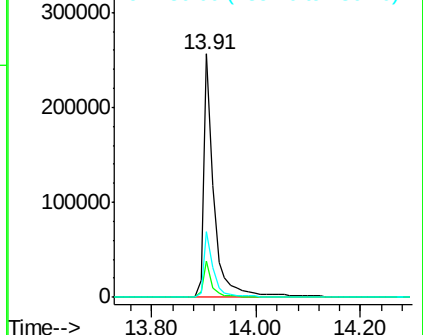
236 27.0 21.2 31.8



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: 89.99 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086604.D

Acq: 2 May 2016 7:56

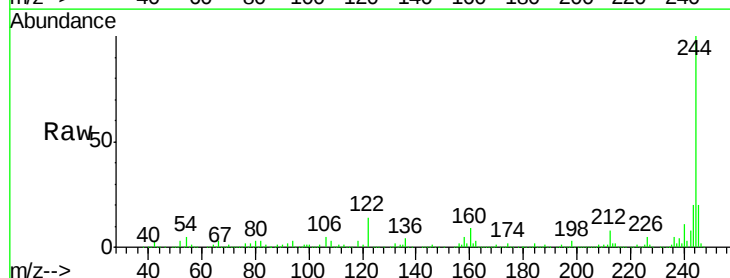
Tgt Ion:244 Resp: 1447003

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

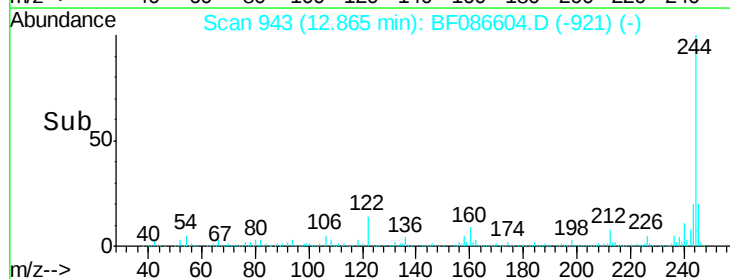
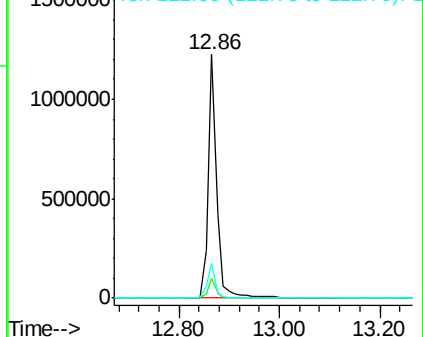
122 14.2 12.0 18.0

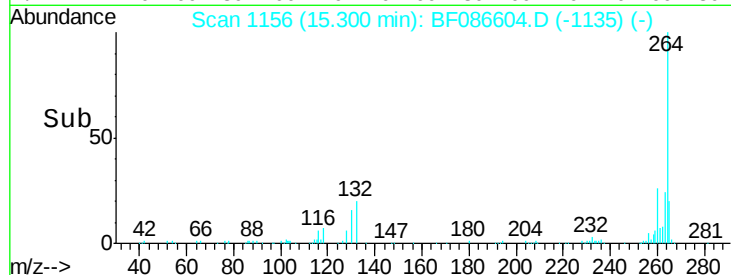
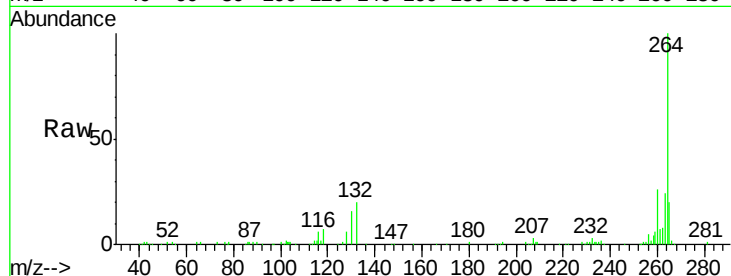
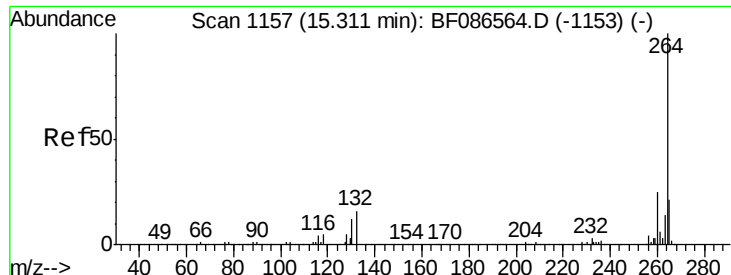


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086604.D

Acq: 2 May 2016 7:56

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-9(0-10FTBGS)

Tgt Ion:264 Resp: 194660

Ion Ratio Lower Upper

264 100

260 26.1 19.5 29.3

265 20.3 17.3 25.9

