

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 01:16:45 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

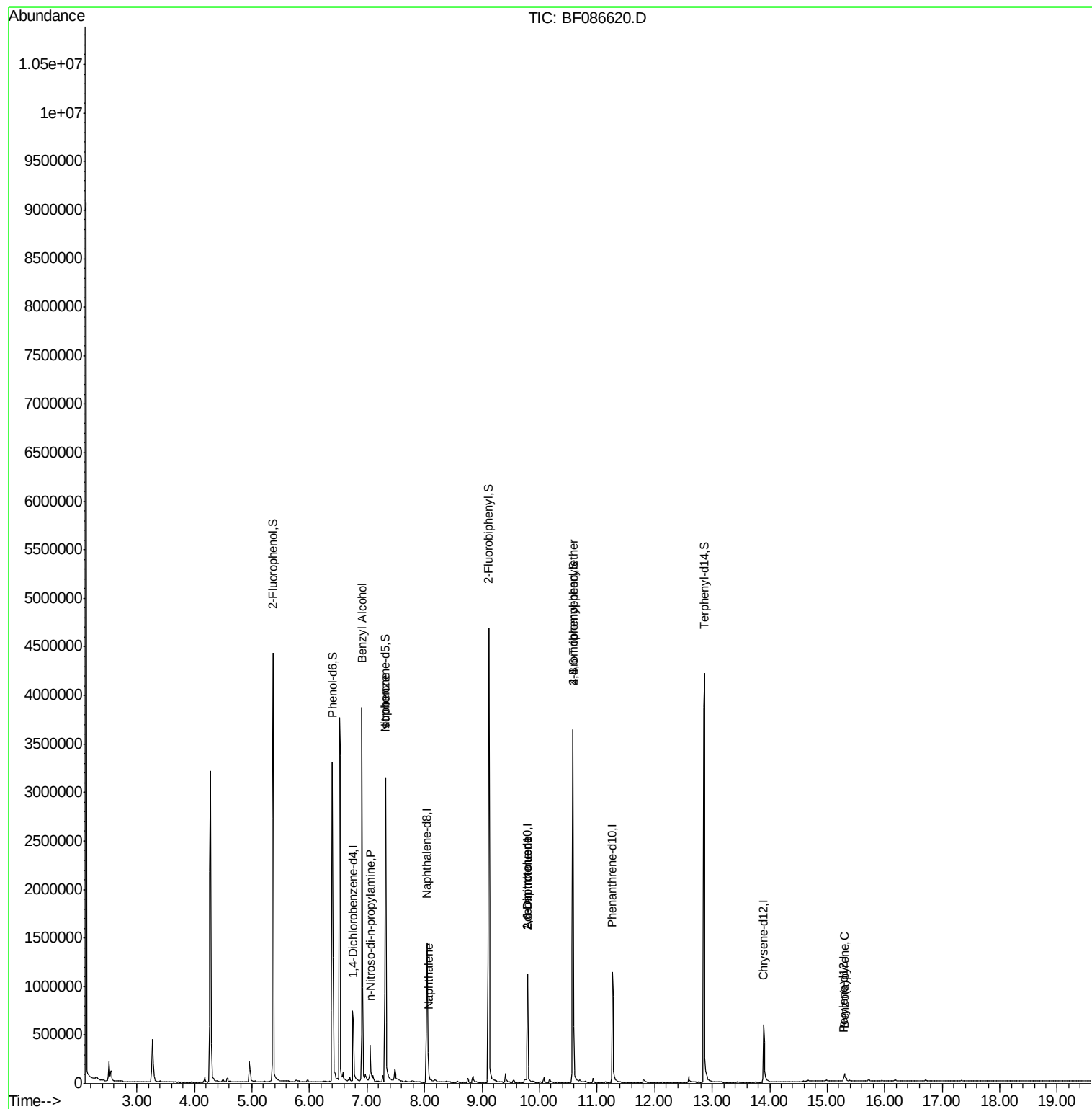
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161863	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	709076	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	211213	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	591533	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	210729	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						
15) Benzyl Alcohol	6.91	79	19751	2.38	ng	# 43
19) n-Nitroso-di-n-propylamine	7.06	70	24810	2.87	ng	# 1
25) Isophorone	7.32	82	944126	37.29	ng	# 68
31) Naphthalene	8.06	128	153410	4.25	ng	# 99
50) 2,6-Dinitrotoluene	9.79	165	26122	7.95	ng	# 23
56) 2,4-Dinitrotoluene	9.79	165	26123	6.24	ng	# 18
66) 4-Bromophenyl-phenylether	10.58	248	28709	4.71	ng	# 1
89) Benzo(a)pyrene	15.30	252	1398	8.11	ng	# 1

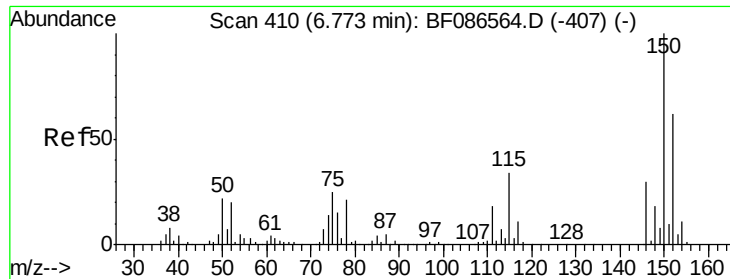
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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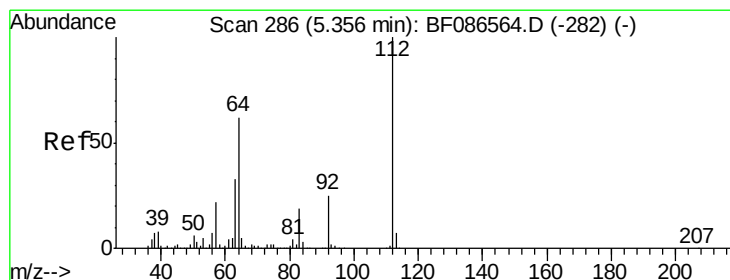
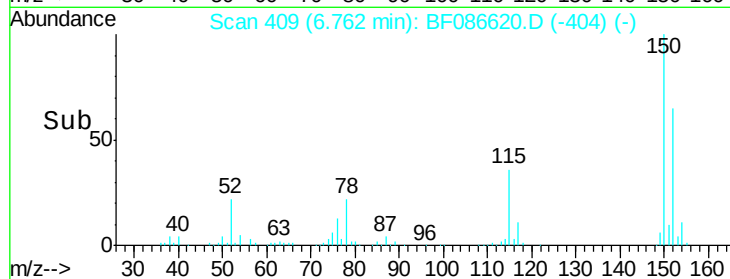
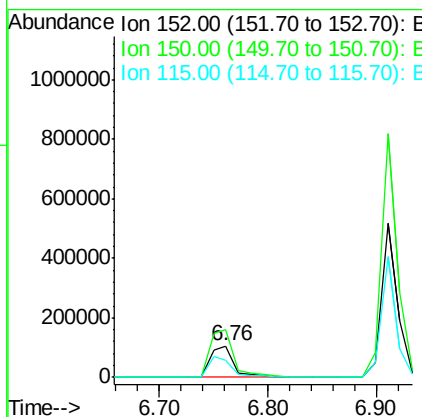
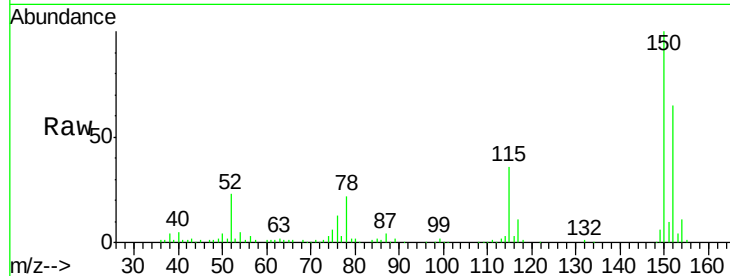




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

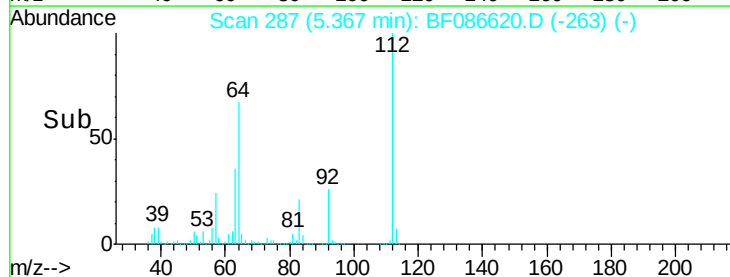
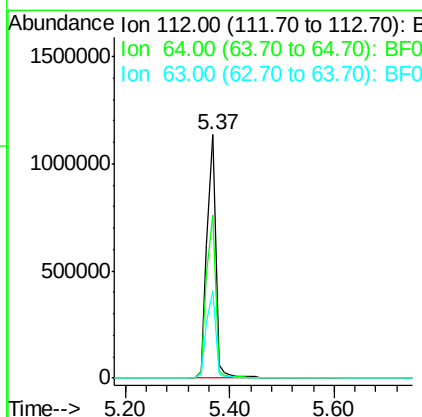
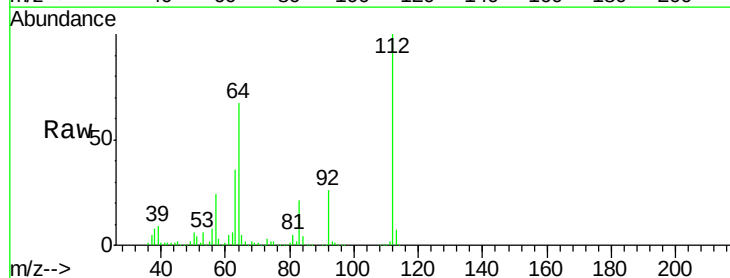
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

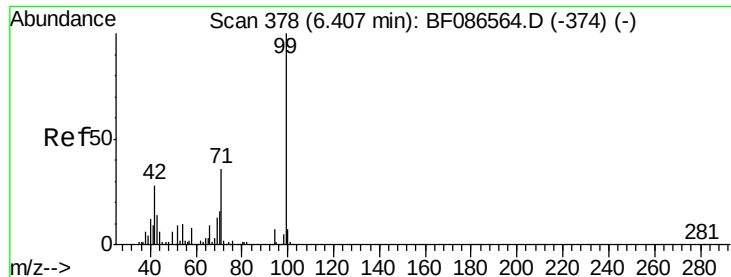
Tgt Ion:152 Resp: 161863
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.8 188.6
 115 55.3 51.5 77.3



#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





#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)

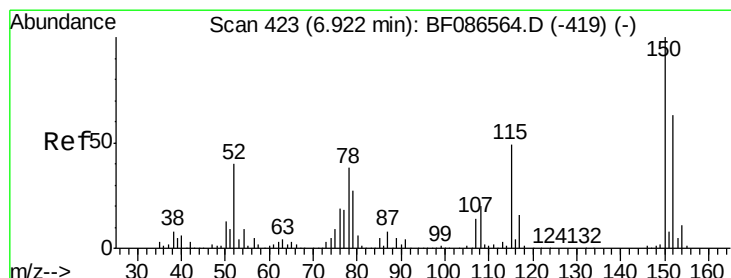
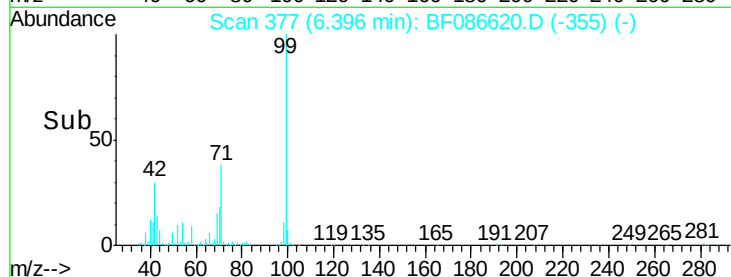
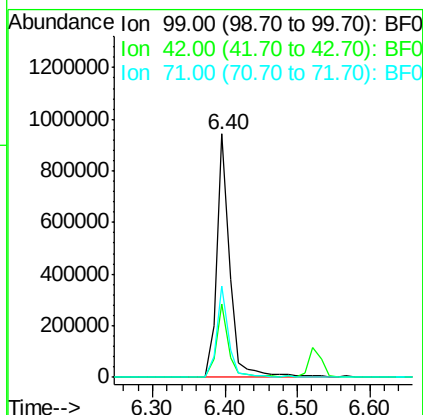
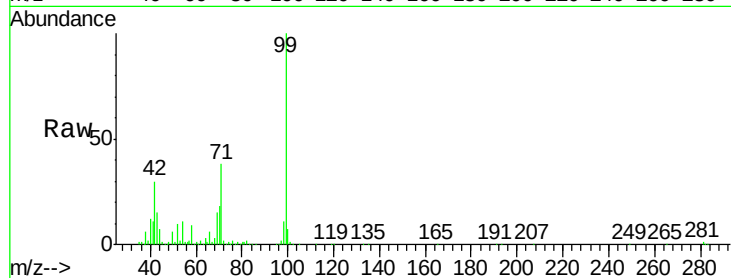
Tgt Ion: 99 Resp: 1174787

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 37.6 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086620.D

Acq: 2 May 2016 16:29

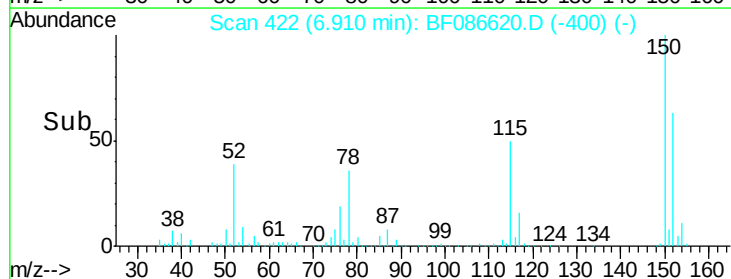
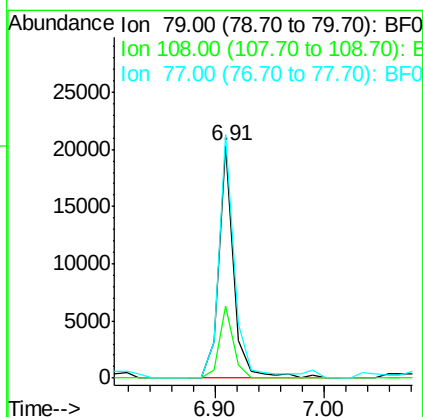
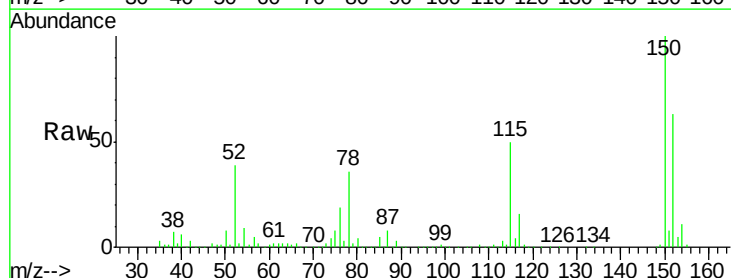
Tgt Ion: 79 Resp: 19751

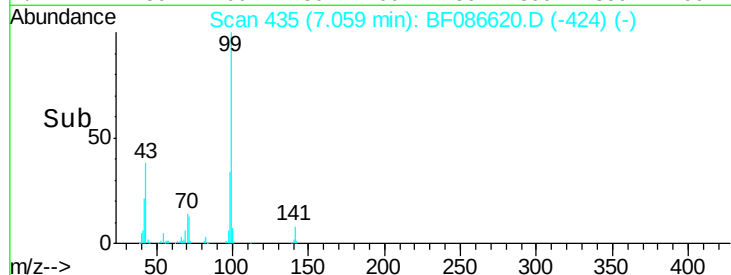
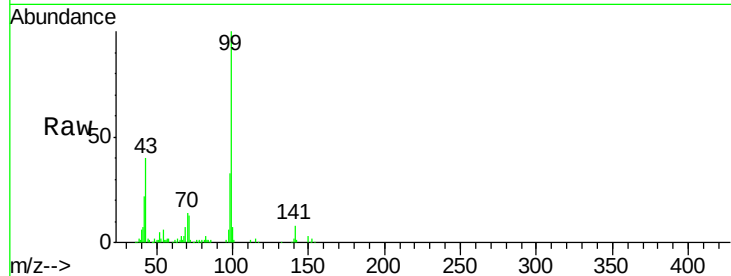
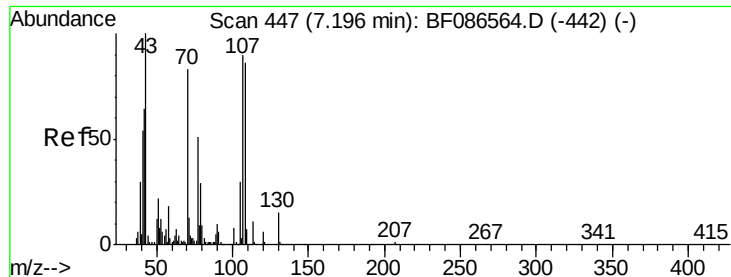
Ion Ratio Lower Upper

79 100

108 30.8 68.4 102.6#

77 104.8 50.6 76.0#

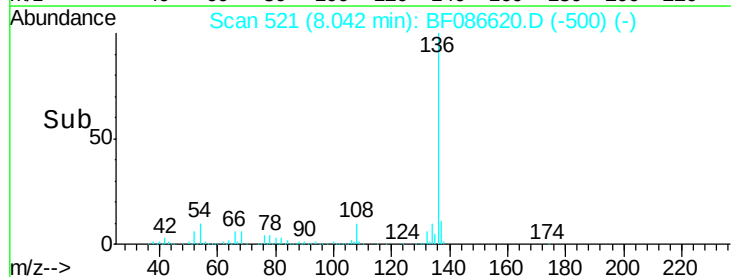
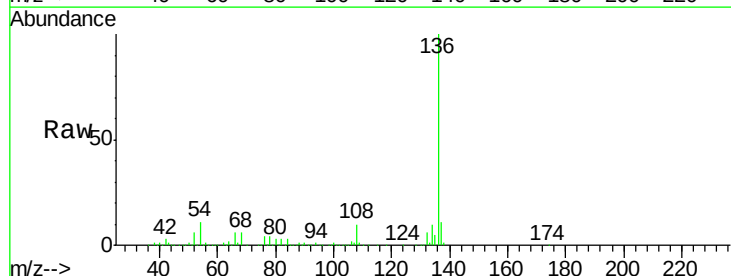
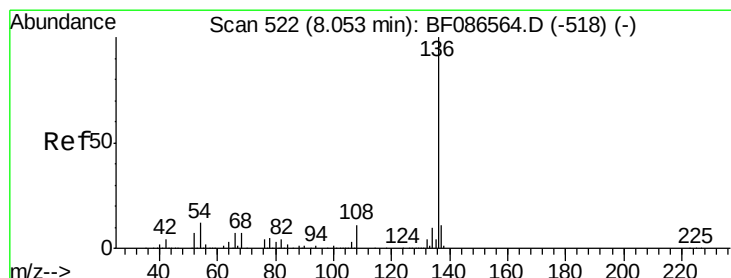
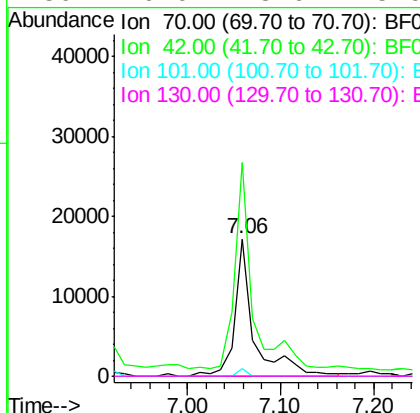




#19
n-Nitroso-di-n-propylamine
Concen: 2.87 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.17 min
Lab File: BF086620.D
Acq: 2 May 2016 16:29

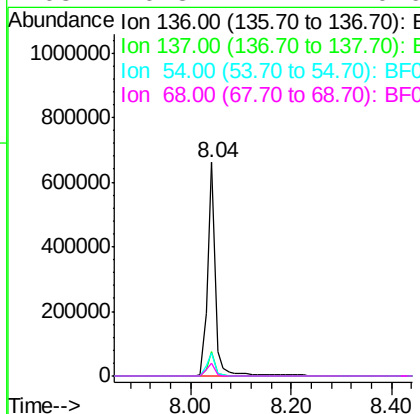
Instrument :
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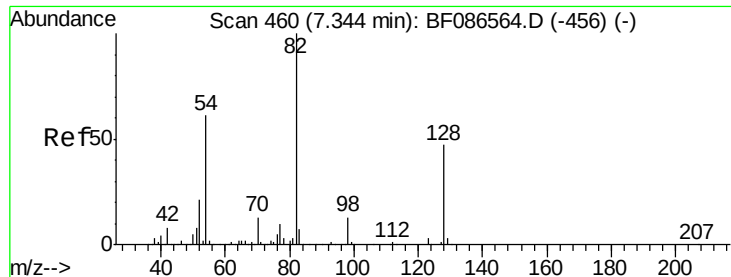
Tgt Ion: 70 Resp: 24810
Ion Ratio Lower Upper
70 100
42 155.7 43.1 64.7#
101 5.7 8.1 12.1#
130 0.0 18.6 28.0#



#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

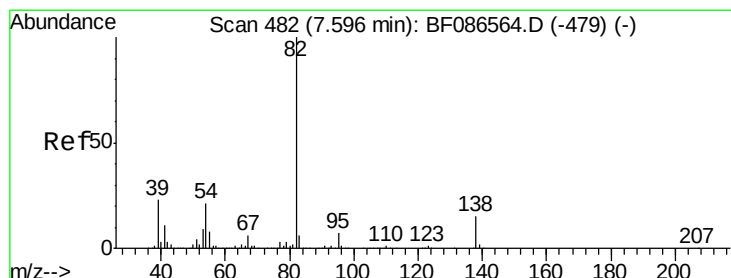
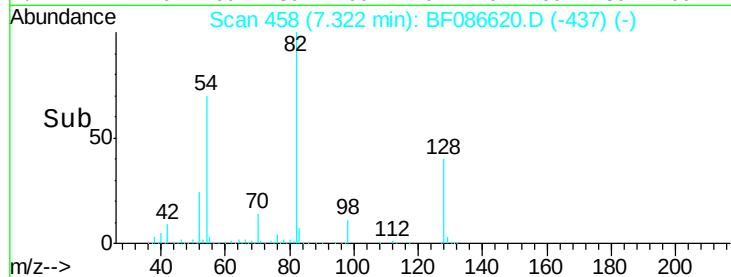
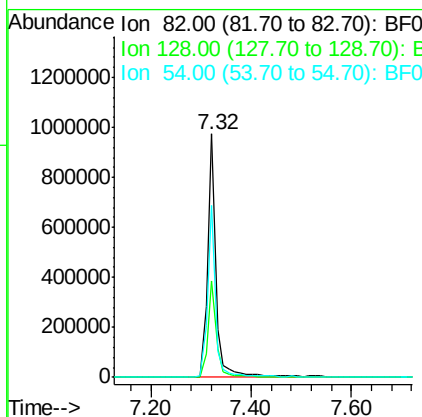
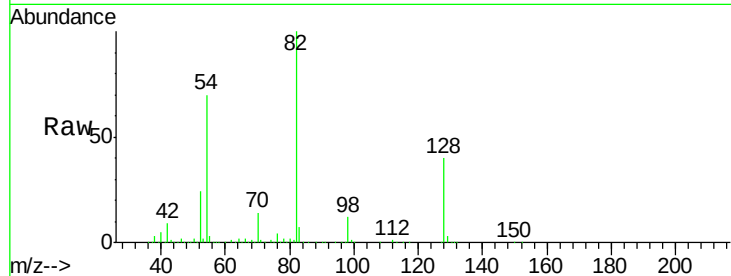




#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

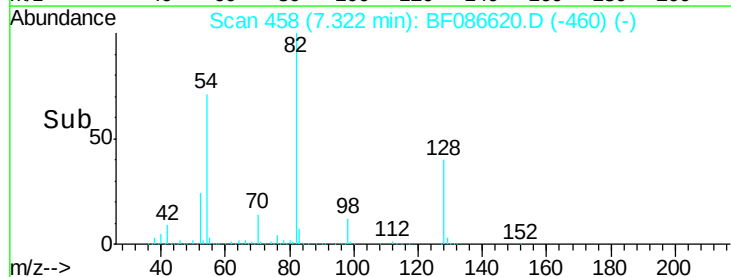
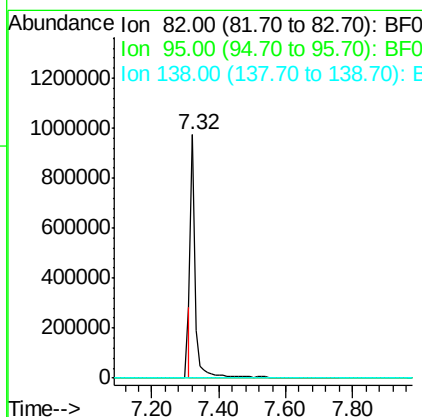
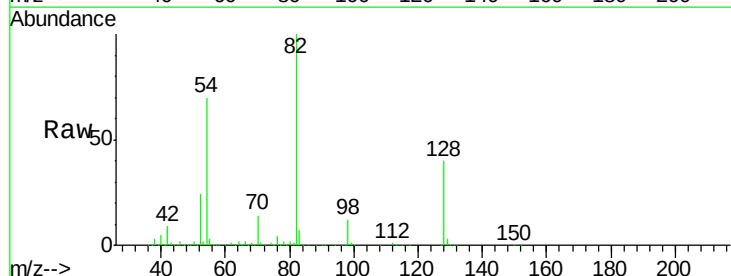
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)

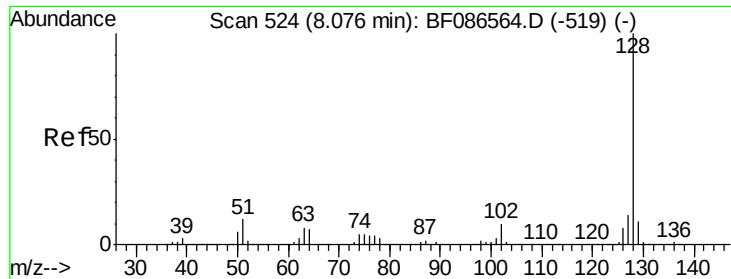
Tgt Ion: 82 Resp: 1148406
 Ion Ratio Lower Upper
 82 100
 128 39.7 40.6 61.0#
 54 70.4 38.1 57.1#



#25
 Isophorone
 Concen: 37.29 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Tgt Ion: 82 Resp: 944126
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

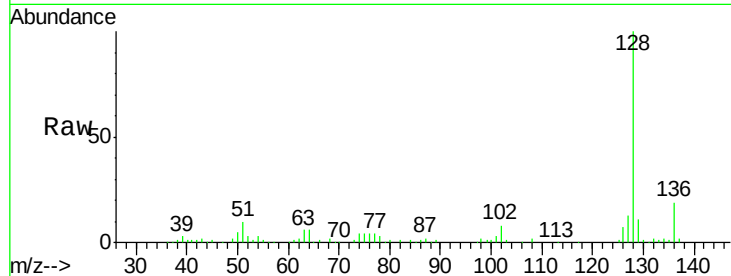




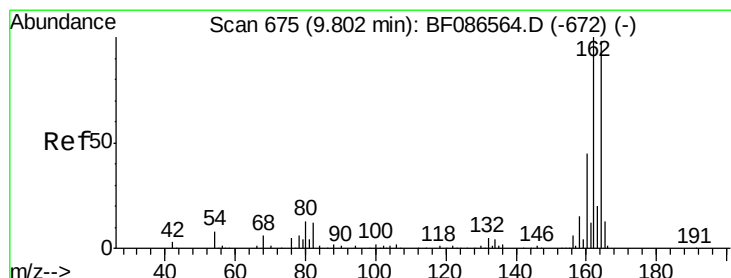
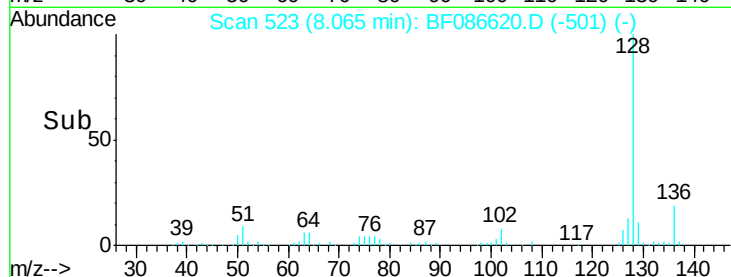
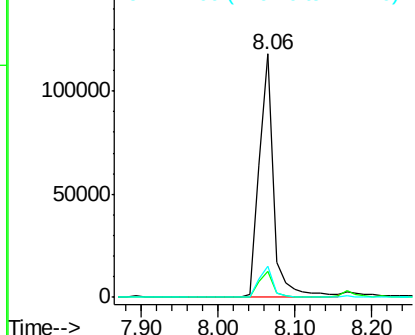
#31
Naphthalene
Concen: 4.25 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086620.D
Acq: 2 May 2016 16:29

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

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

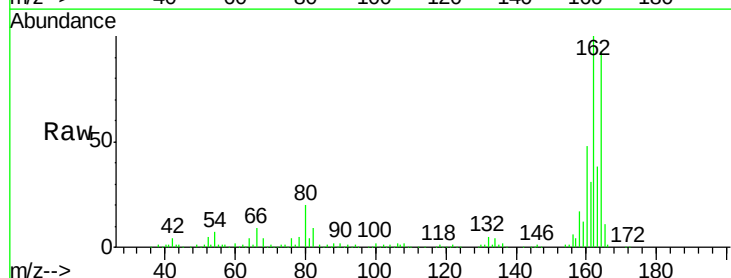


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

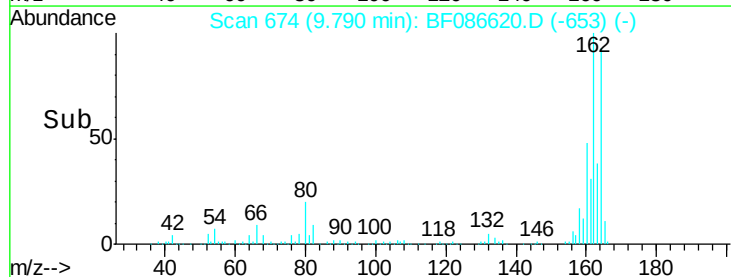
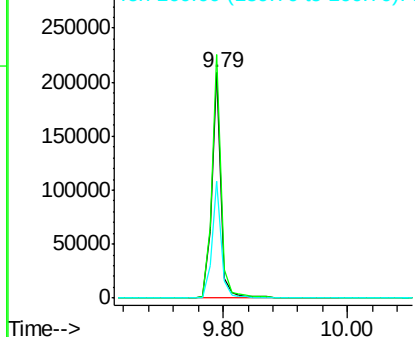


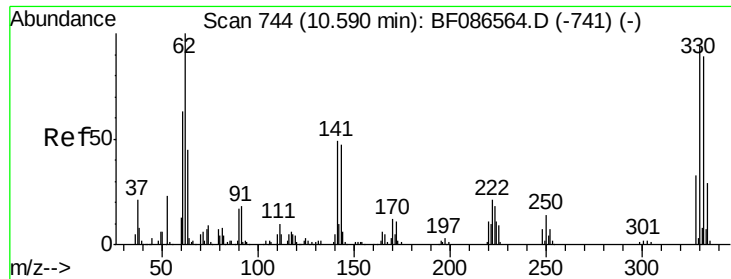
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086620.D
Acq: 2 May 2016 16:29

Tgt Ion:164 Resp: 211213
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

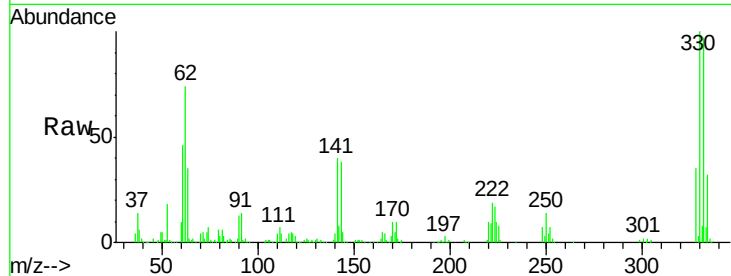




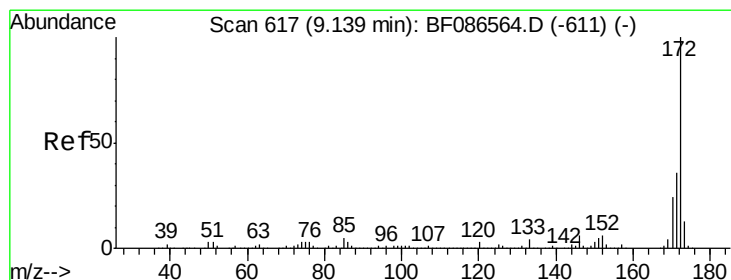
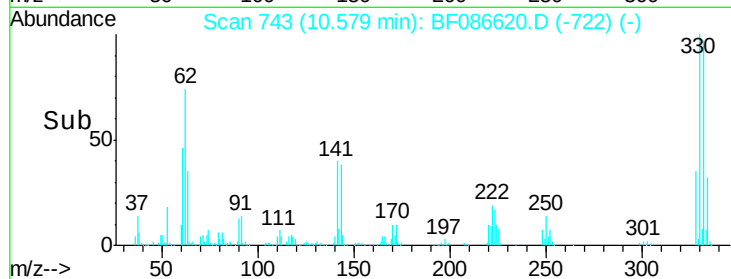
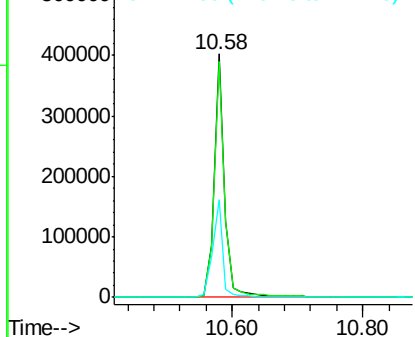
#41
 2,4,6-Tribromophenol
 Concen: 208.41 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

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

Tgt Ion:330 Resp: 464213
 Ion Ratio Lower Upper
 330 100
 332 98.5 79.0 118.4
 141 39.3 31.2 46.8

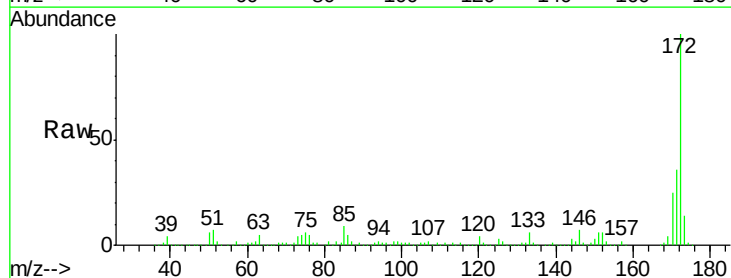


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

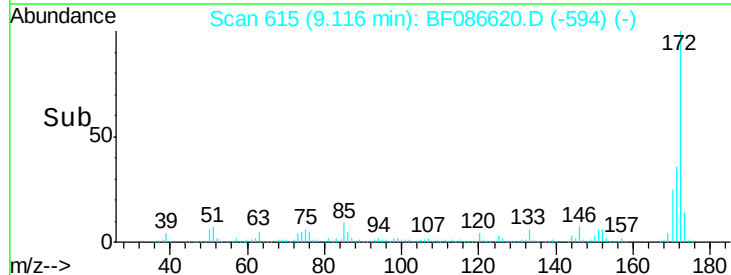
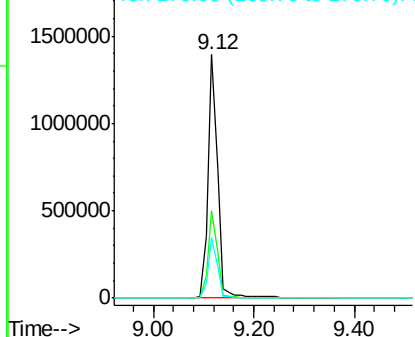


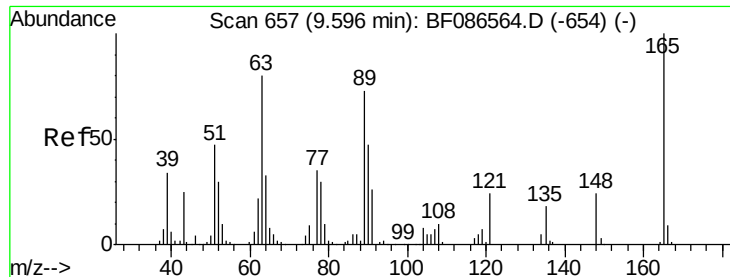
#44
 2-Fluorobiphenyl
 Concen: 198.01 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Tgt 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

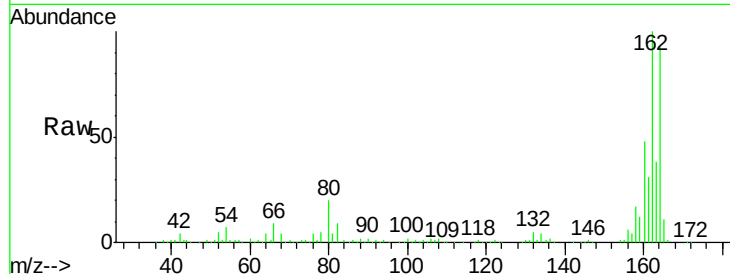




#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

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

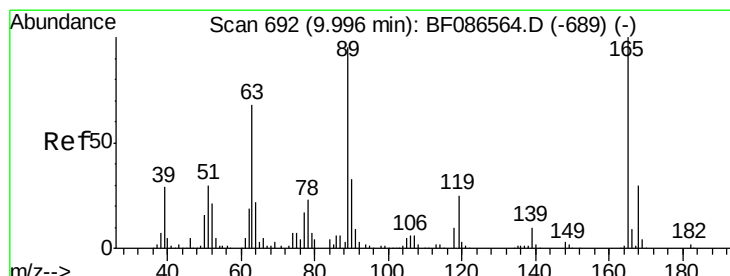
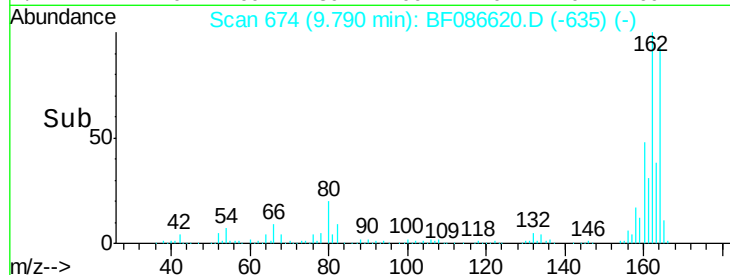
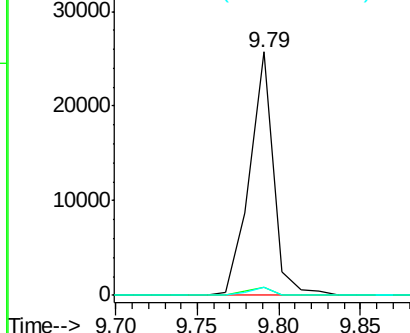
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	51.8	77.8#
89	3.5	50.7	76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

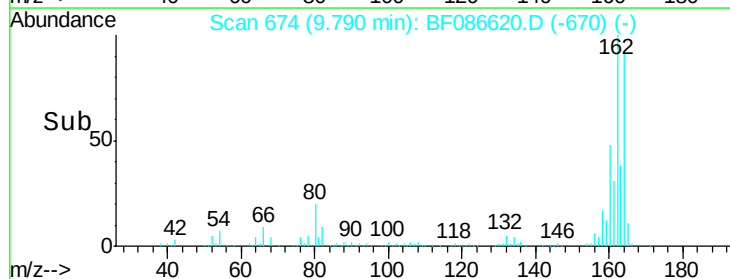
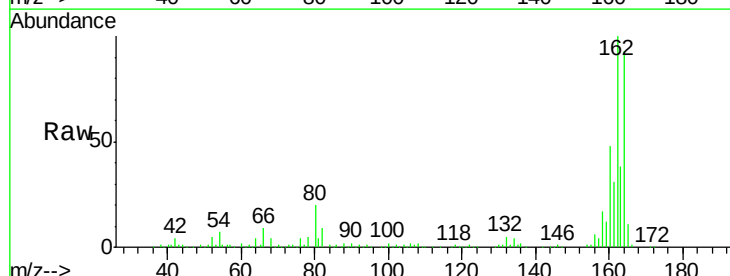
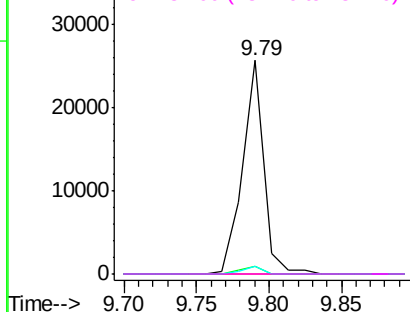
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	44.3	66.5#
89	3.5	70.0	105.0#
182	0.0	1.8	2.6#

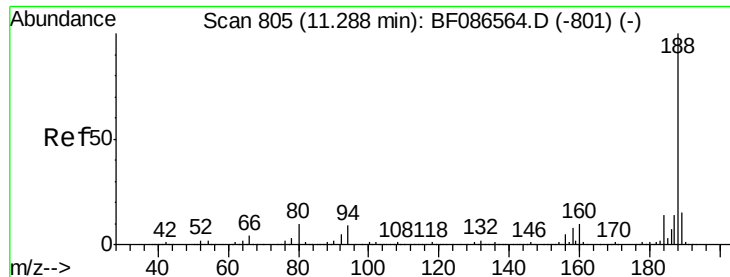
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

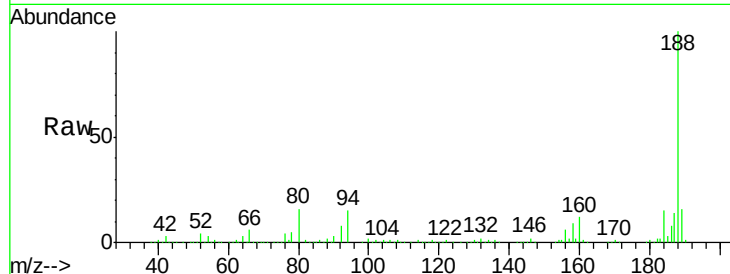




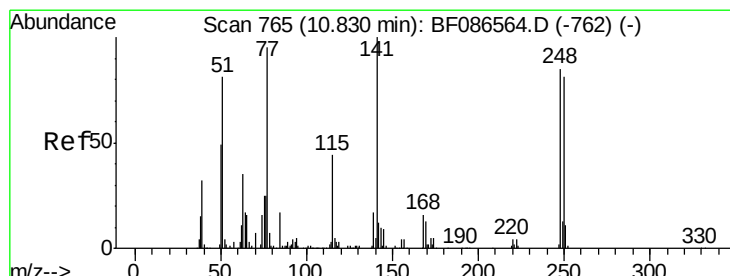
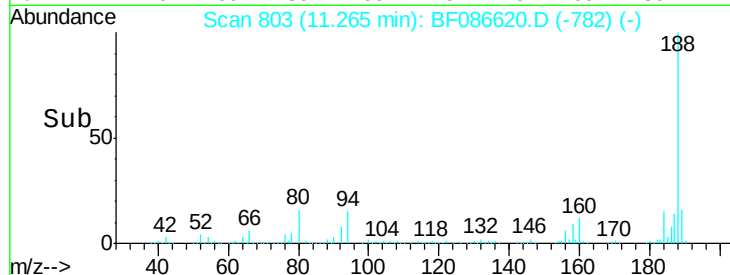
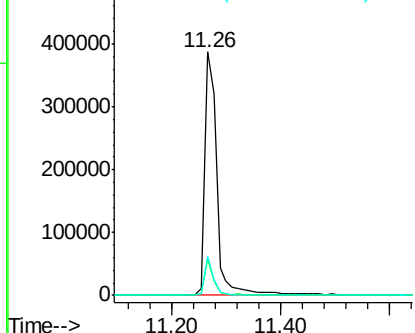
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

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

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#

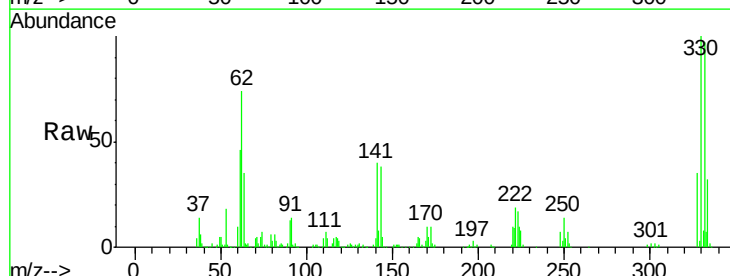


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

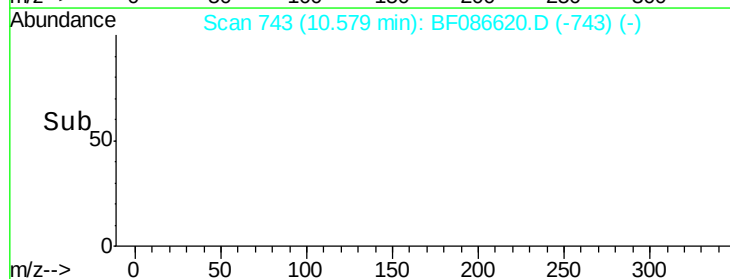
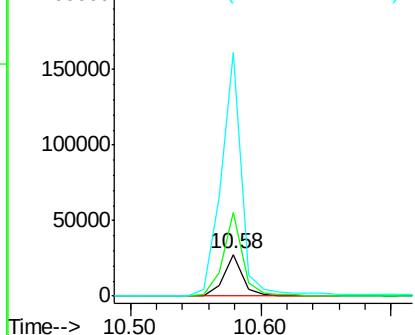


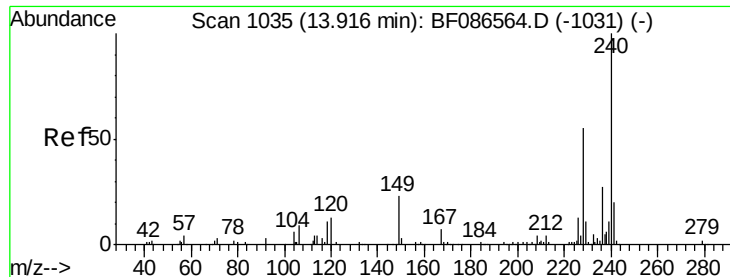
#66
 4-Bromophenyl-phenylether
 Concen: 4.71 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.30 min
 Lab File: BF086620.D
 Acq: 2 May 2016 16:29

Tgt Ion:248 Resp: 28709
 Ion Ratio Lower Upper
 248 100
 250 199.3 78.6 117.8#
 141 583.7 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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 :

BNA_F

ClientSampleId :

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

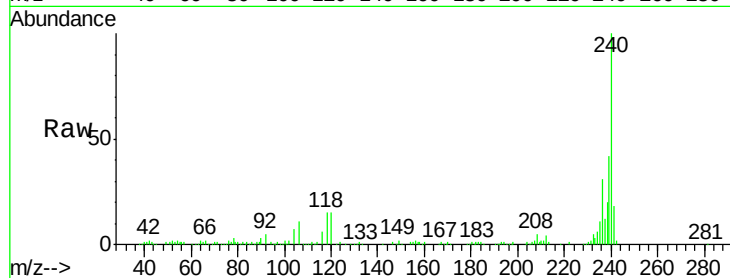
Tgt Ion:240 Resp: 210729

Ion Ratio Lower Upper

240 100

120 15.5 11.2 16.8

236 30.5 21.2 31.8

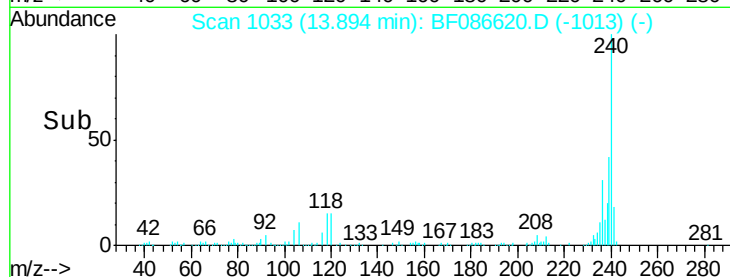


Abundance Ion 240.00 (239.70 to 240.70): E

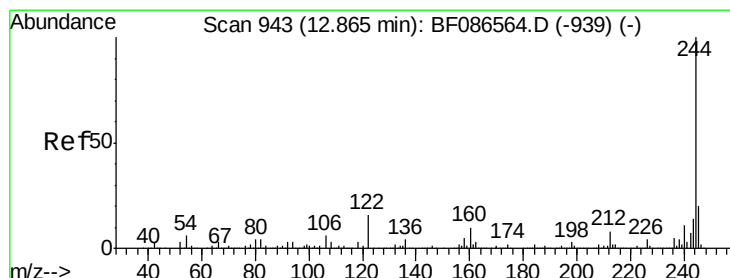
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.89



Time-->



#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

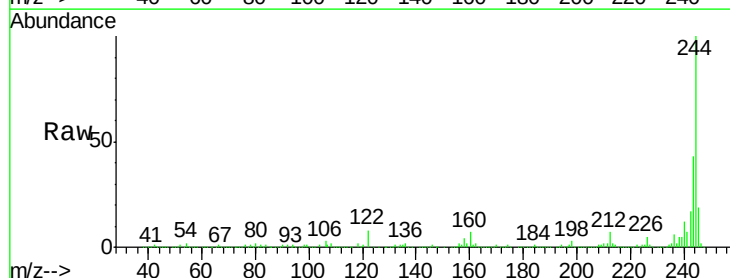
Tgt Ion:244 Resp: 1871248

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 7.7 12.0 18.0#

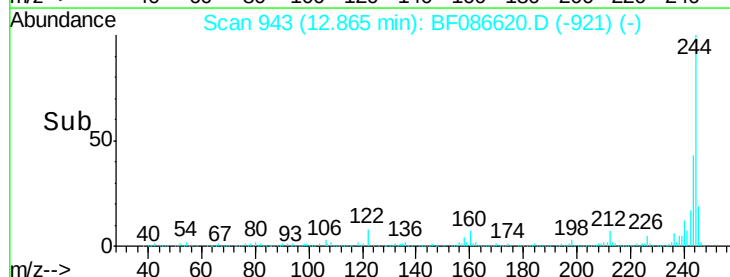


Abundance Ion 244.00 (243.70 to 244.70): E

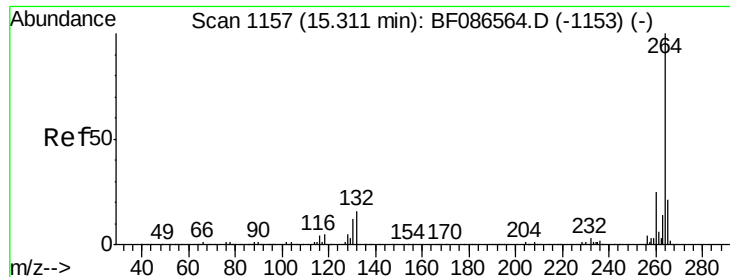
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.87



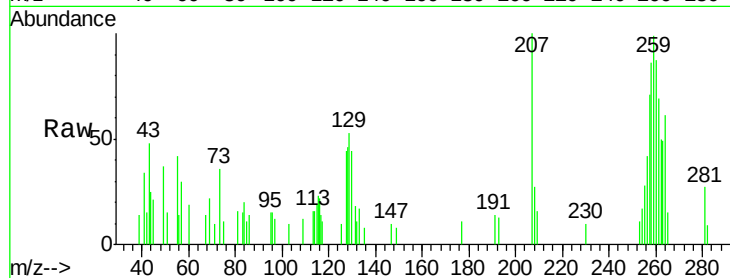
Time-->



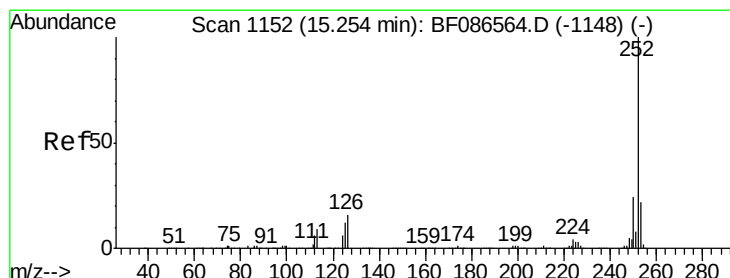
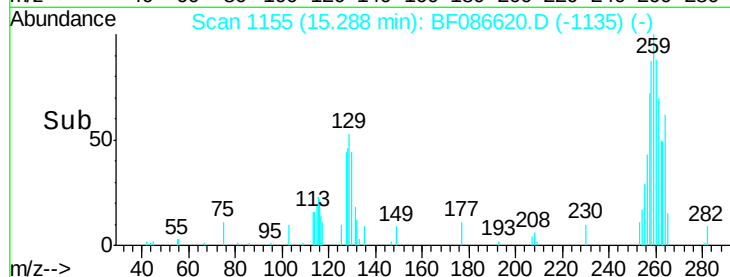
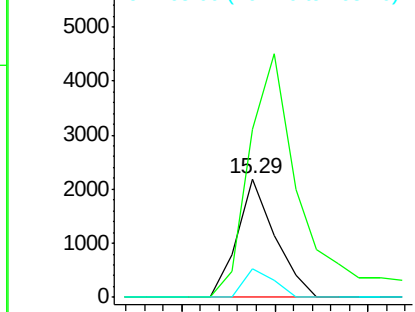
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086620.D
Acq: 2 May 2016 16:29

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

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

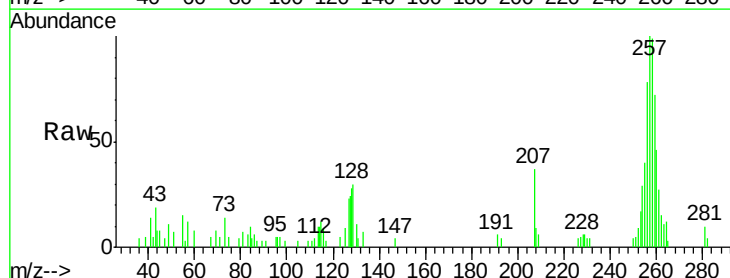


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 8.11 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086620.D
Acq: 2 May 2016 16:29

Tgt Ion:252 Resp: 1398
Ion Ratio Lower Upper
252 100
253 180.9 17.2 25.8#
125 98.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

