

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086660.D
 Acq On : 3 May 2016 23:57
 Operator : UM/SJ
 Sample : H2716-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

Quant Time: May 04 02:34:24 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

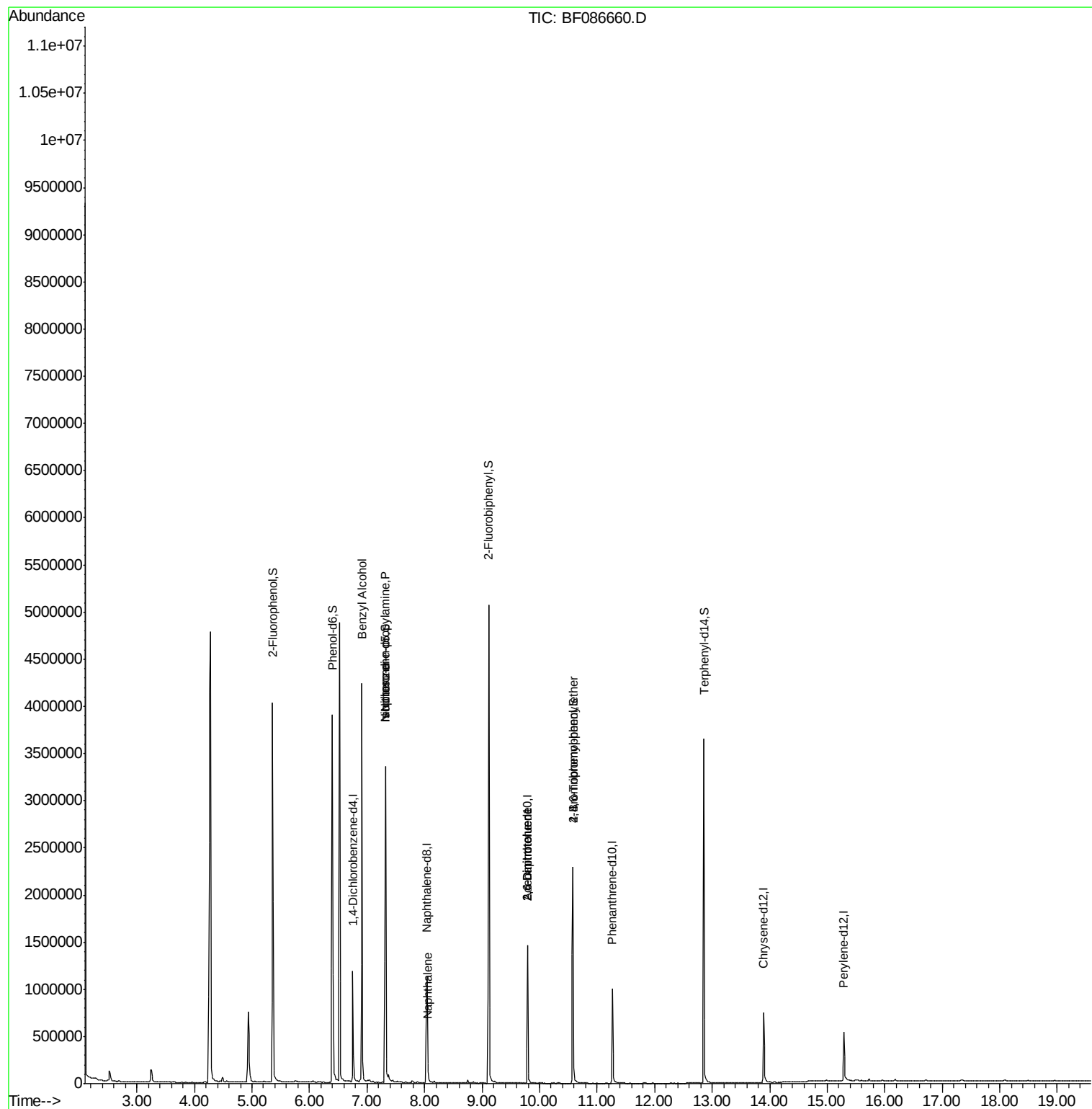
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	169203	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	656800	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	278976	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	399700	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	326371	20.00	ng	-0.07
86) Perylene-d12	15.29	264	254259	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1248882	127.31	ng	-0.03
7) Phenol-d6	6.40	99	1468326	107.25	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1151450	94.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	331382	112.64	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1511507	97.86	ng	-0.06
78) Terphenyl-d14	12.85	244	1116006	75.33	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.91	79	19913	2.30	ng	# 41
19) n-Nitroso-di-n-propylamine	7.32	70	161626	17.86	ng	# 76
25) Isophorone	7.32	82	833067	35.52	ng	# 68
31) Naphthalene	8.05	128	80170	2.40	ng	# 99
50) 2,6-Dinitrotoluene	9.79	165	34423	7.93	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	34425	6.22	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	20126	4.89	ng	# 1

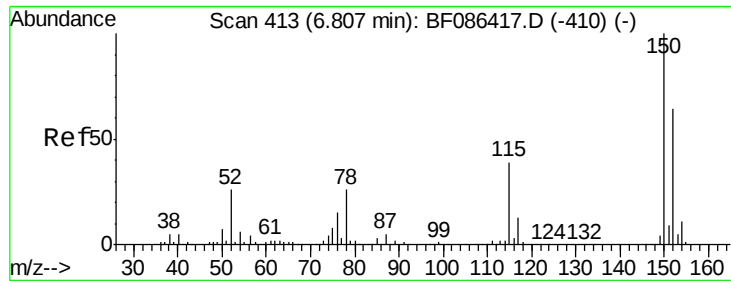
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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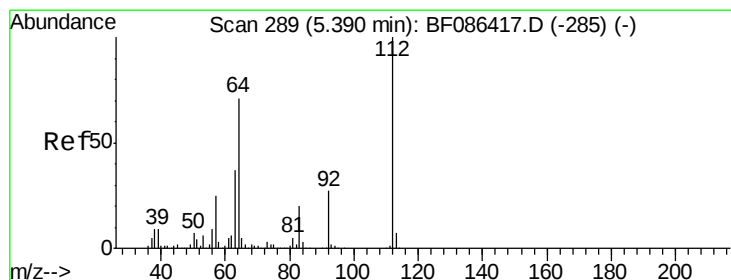
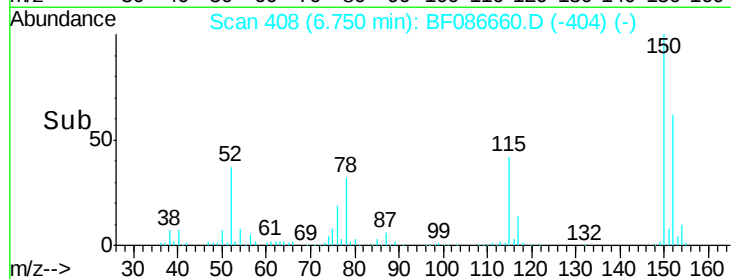
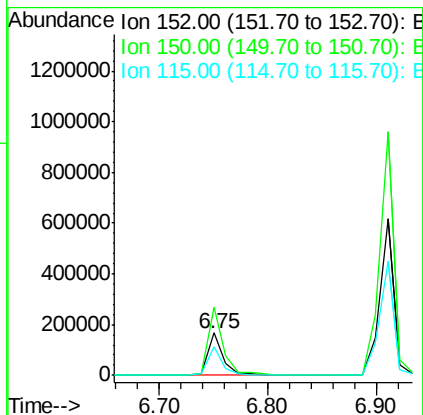
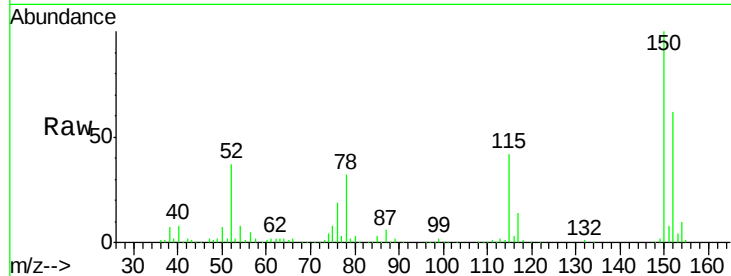


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

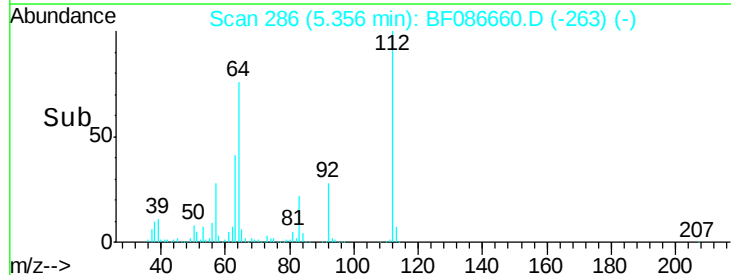
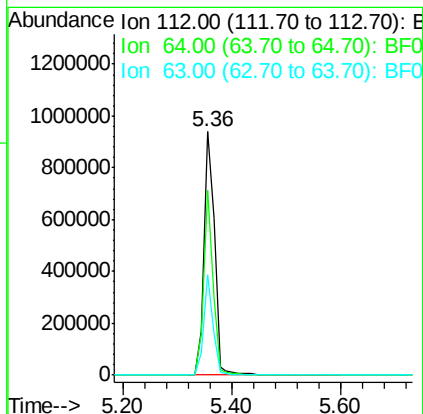
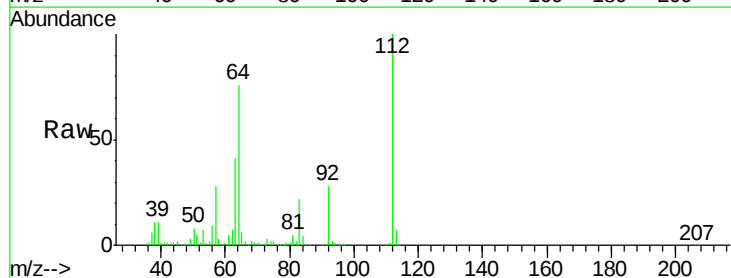
Tgt Ion:152 Resp: 169203
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.8 188.6
 115 67.6 51.5 77.3

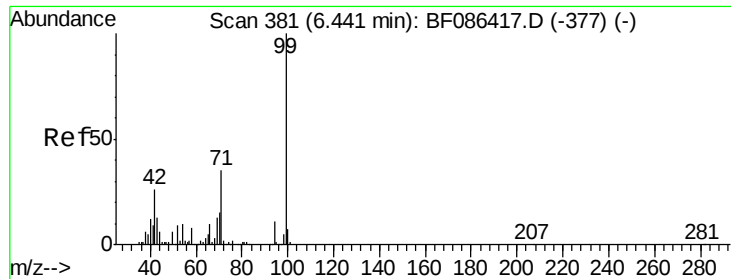


#5

2-Fluorophenol
 Concen: 127.31 ng
 RT: 5.36 min Scan# 286
 Delta R.T. -0.03 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Tgt Ion:112 Resp: 1248882
 Ion Ratio Lower Upper
 112 100
 64 75.8 52.1 78.1
 63 41.0 25.7 38.5#





#7

Phenol-d6

Concen: 107.25 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

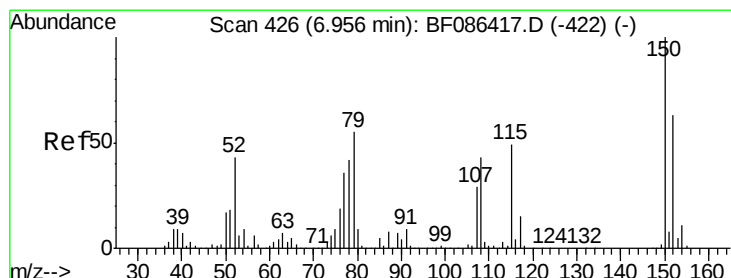
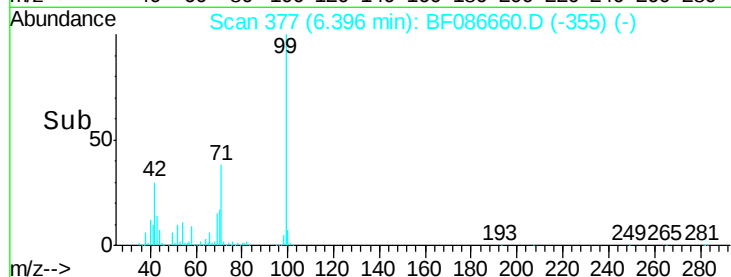
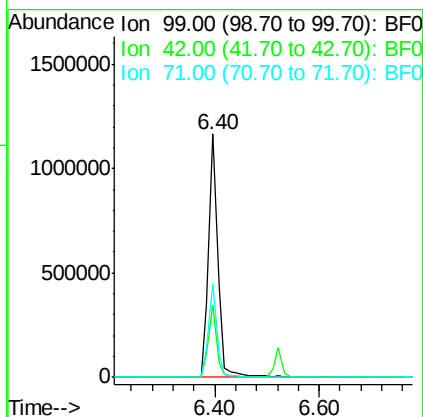
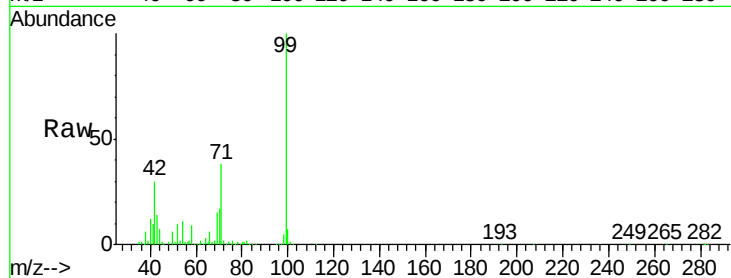
Tgt Ion: 99 Resp: 1468326

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

71 38.5 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

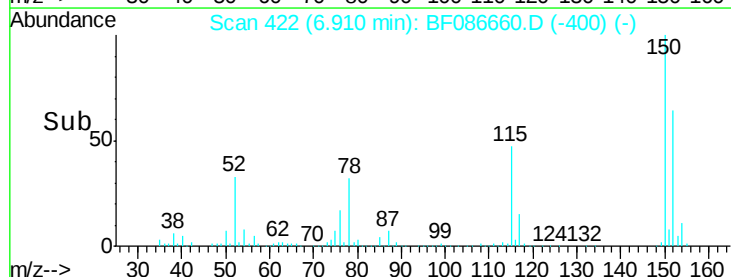
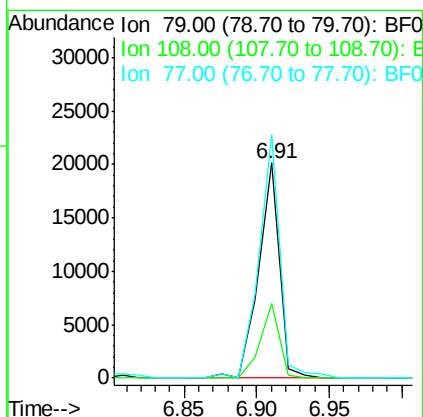
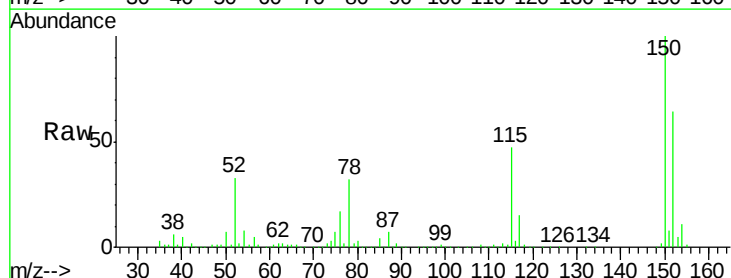
Tgt Ion: 79 Resp: 19913

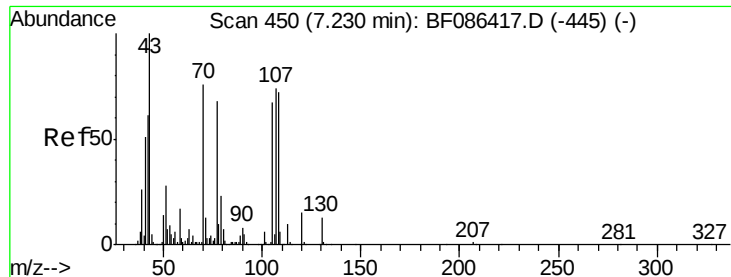
Ion Ratio Lower Upper

79 100

108 34.7 68.4 102.6#

77 113.3 50.6 76.0#

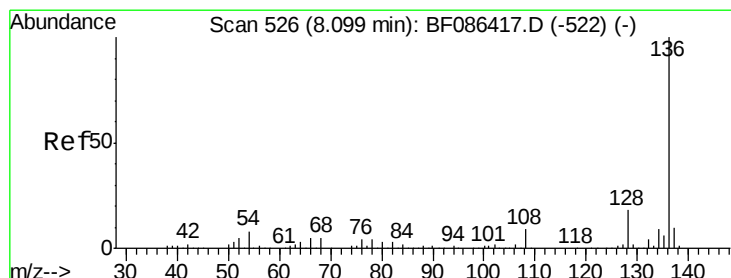
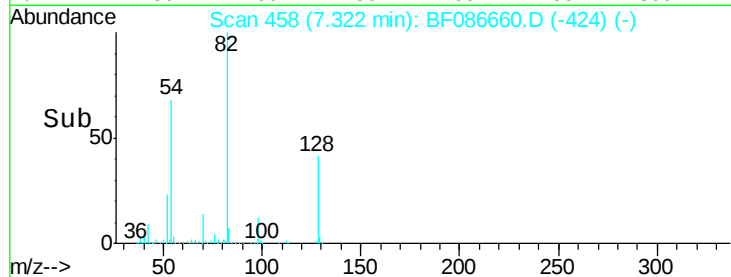
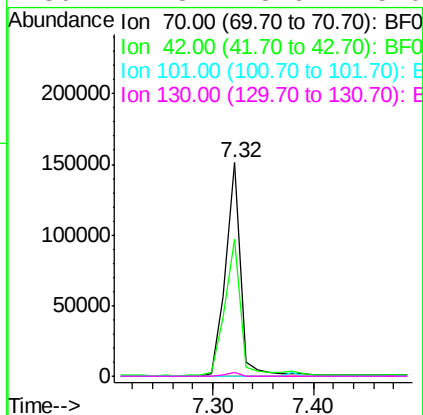
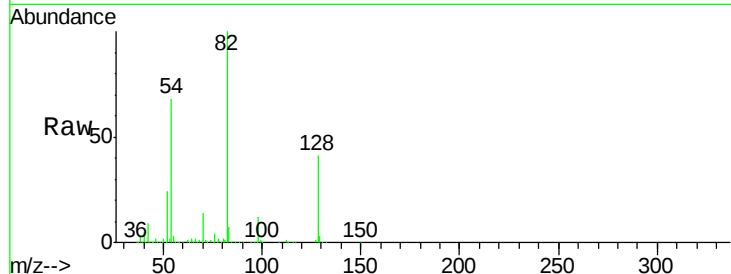




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.86 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.09 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

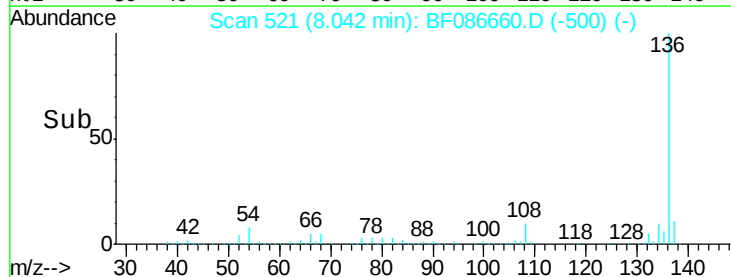
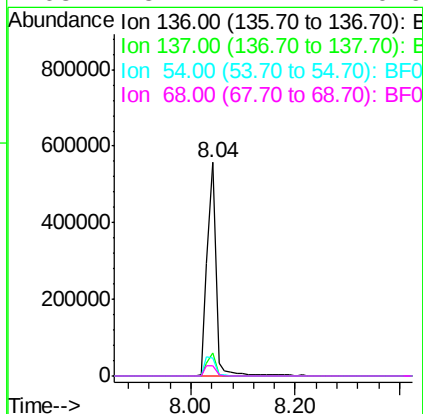
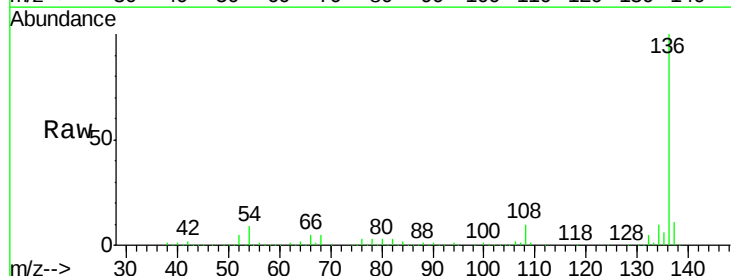
Instrument :
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 26WARD-3-CS-4(0-12FTBGS)

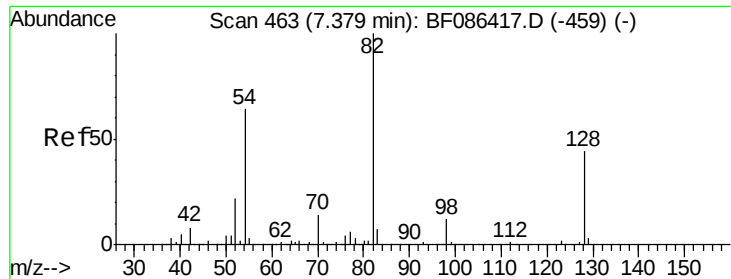
Tgt Ion: 70 Resp: 161626
 Ion Ratio Lower Upper
 70 100
 42 64.1 43.1 64.7
 101 0.0 8.1 12.1#
 130 1.8 18.6 28.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Tgt Ion: 136 Resp: 656800
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.8 13.2
 54 8.6 5.0 7.4#
 68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 94.50 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

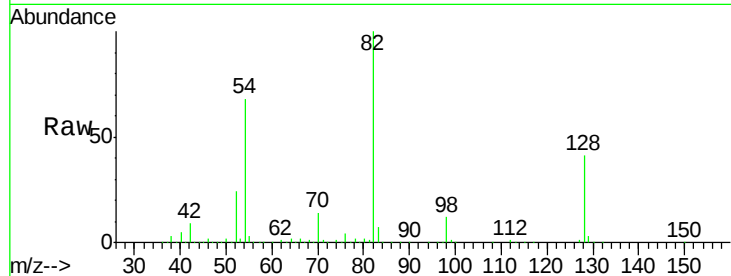
Tgt Ion: 82 Resp: 1151450

Ion Ratio Lower Upper

82 100

128 40.7 40.6 61.0

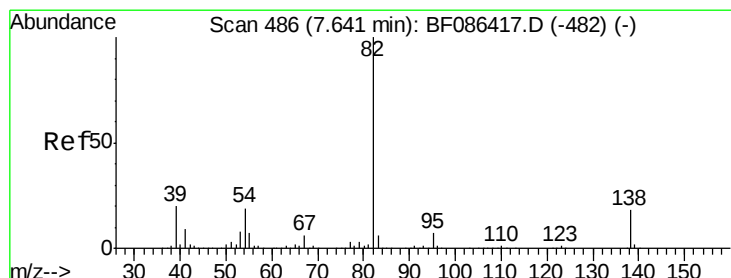
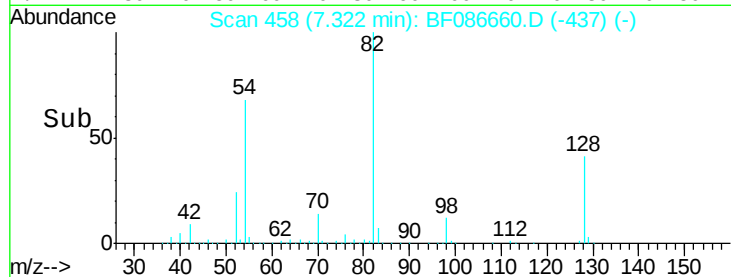
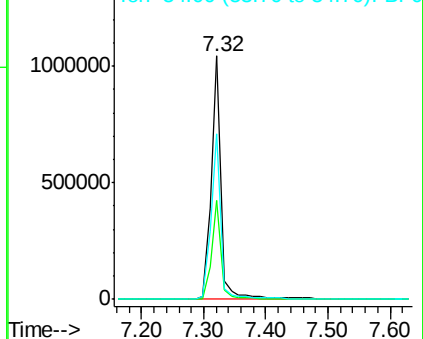
54 67.8 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.52 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.32 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

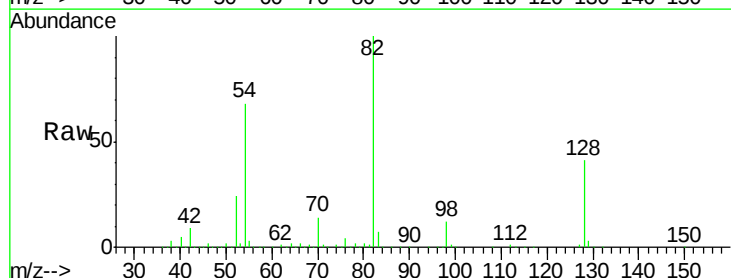
Tgt Ion: 82 Resp: 833067

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

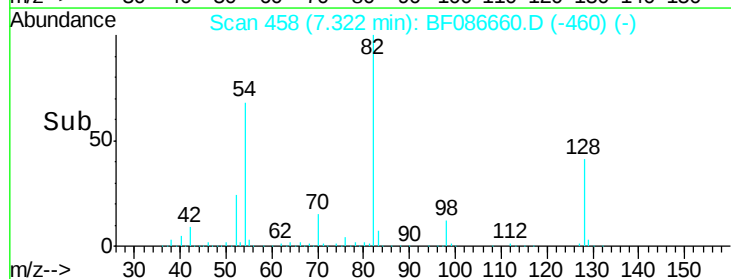
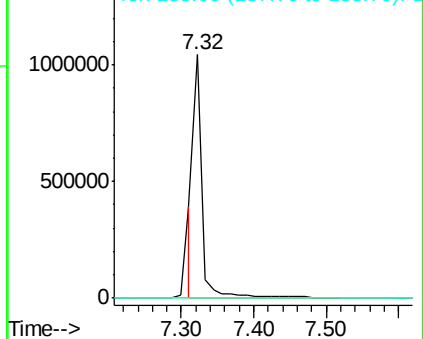
138 0.0 12.4 18.6#

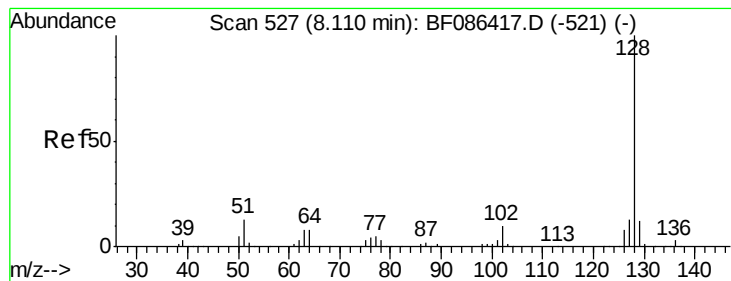


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 2.40 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.06 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

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ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

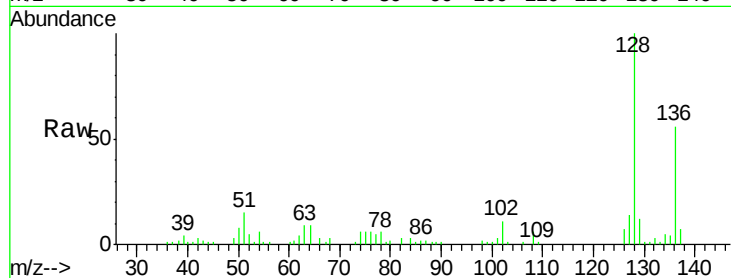
Tgt Ion:128 Resp: 80170

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

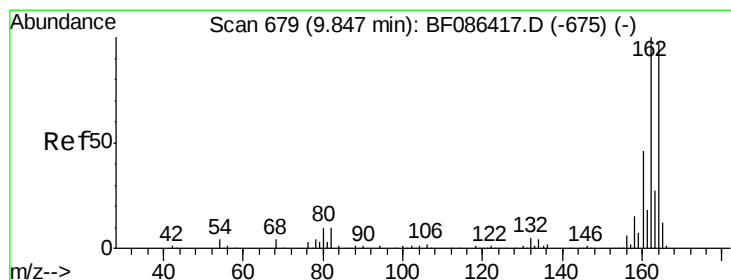
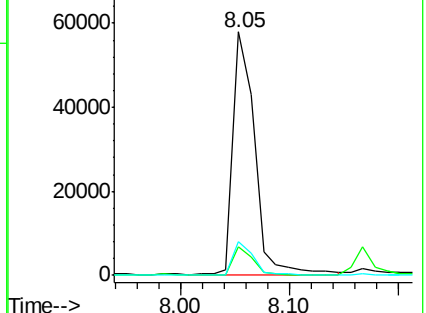
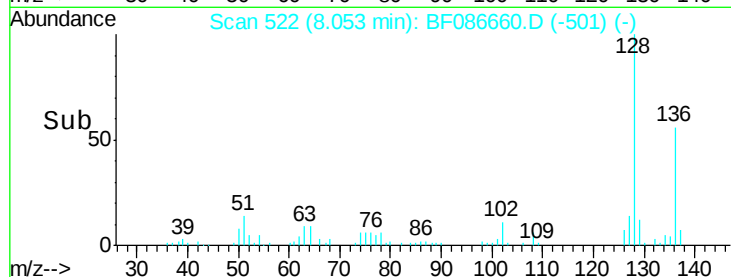
127 13.8 10.8 16.2



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: BF086660.D

Acq: 3 May 2016 23:57

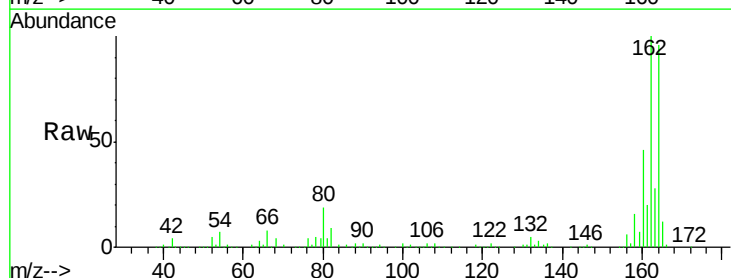
Tgt Ion:164 Resp: 278976

Ion Ratio Lower Upper

164 100

162 104.5 82.8 124.2

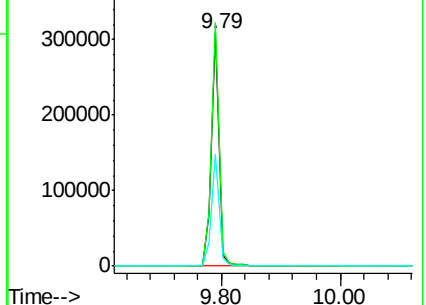
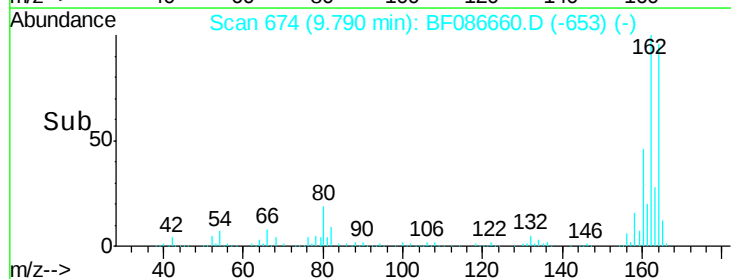
160 47.9 36.9 55.3

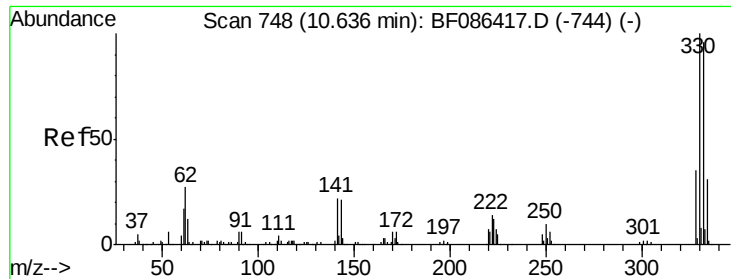


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

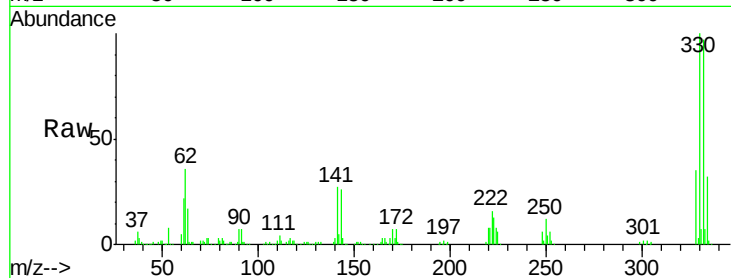




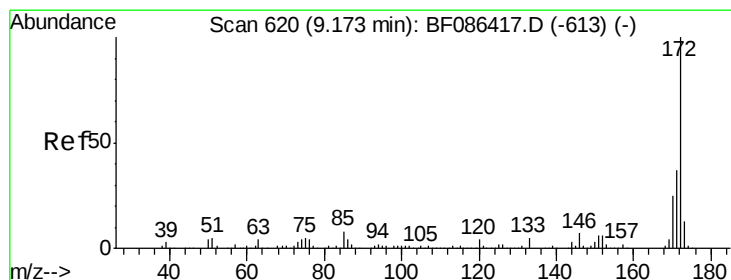
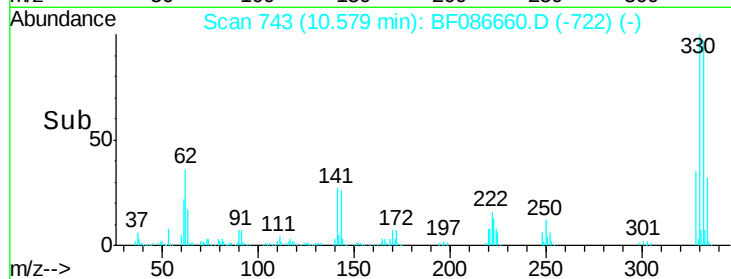
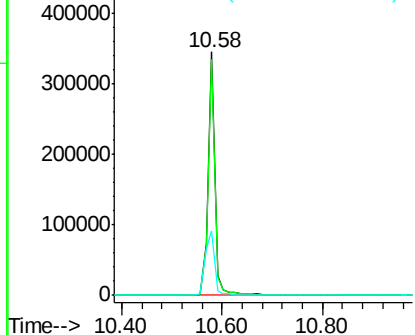
#41
 2,4,6-Tribromophenol
 Concen: 112.64 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Instrument :
 BNA_F
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 26WARD-3-CS-4(0-12FTBGS)

Tgt Ion:330 Resp: 331382
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 36.4 31.2 46.8

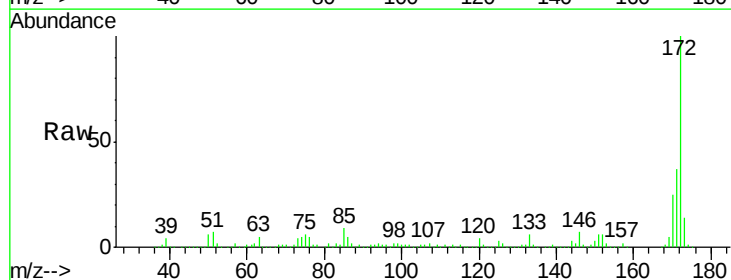


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

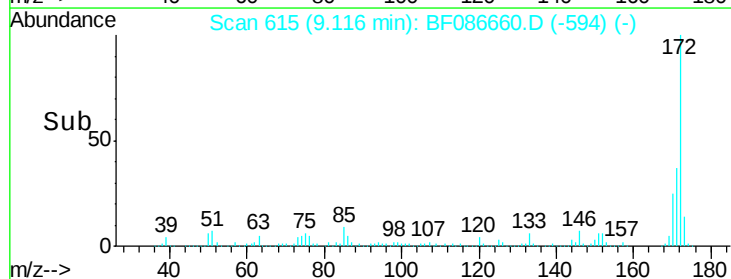
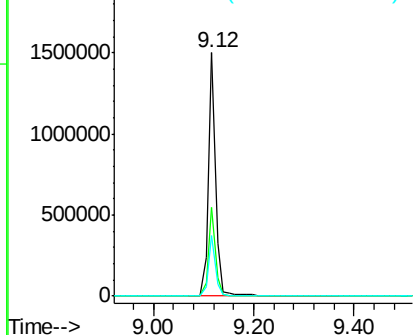


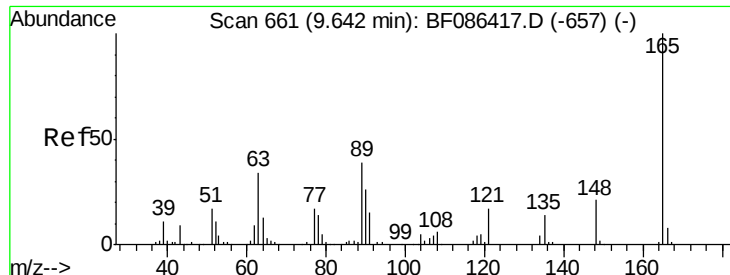
#44
 2-Fluorobiphenyl
 Concen: 97.86 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Tgt Ion:172 Resp: 1511507
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.9 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

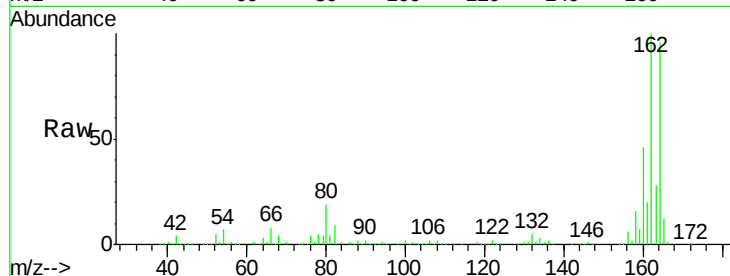




#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-4(0-12FTBGS)

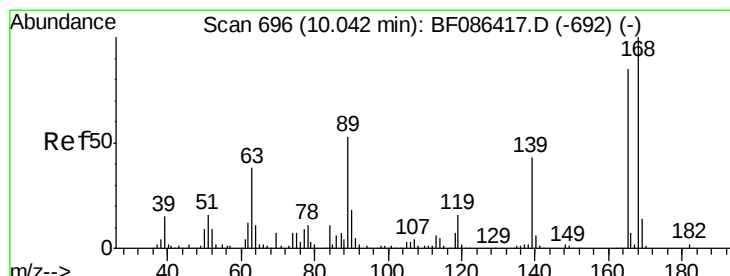
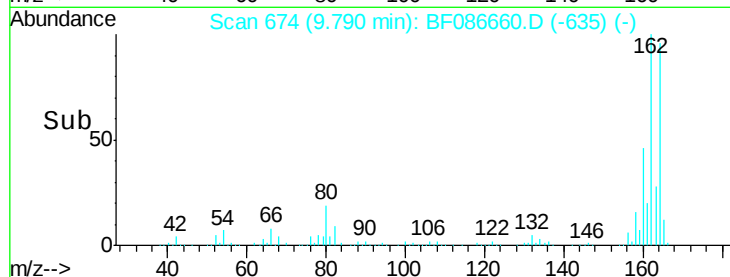
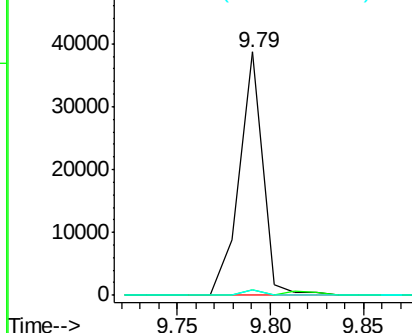
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	2.1	50.7	76.1#



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: 6.22 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086660.D
 Acq: 3 May 2016 23:57

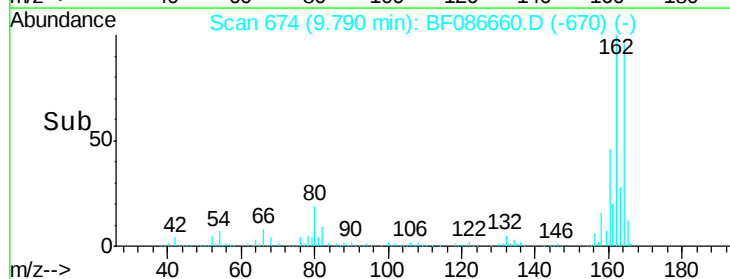
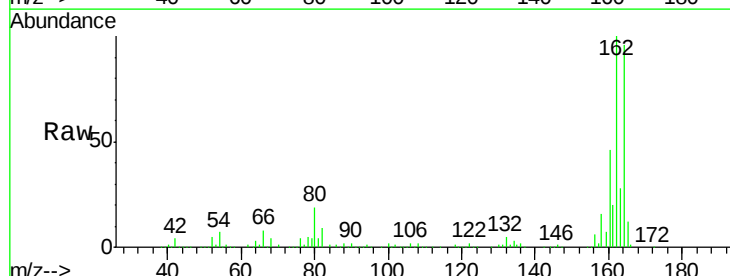
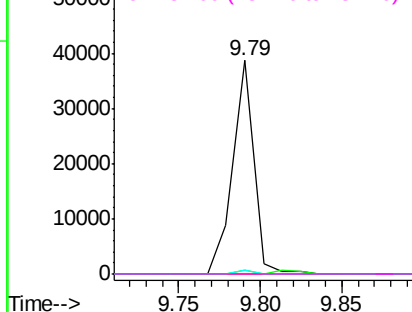
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

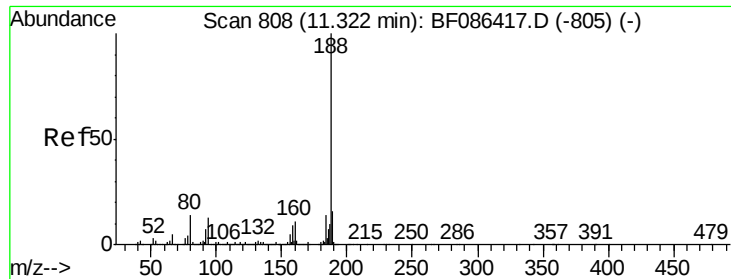
Abundance Ion 165.00 (164.70 to 165.70): E

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

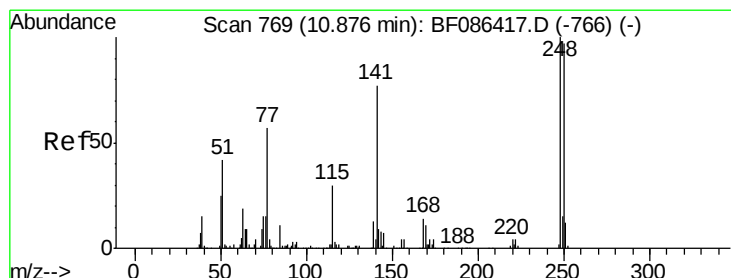
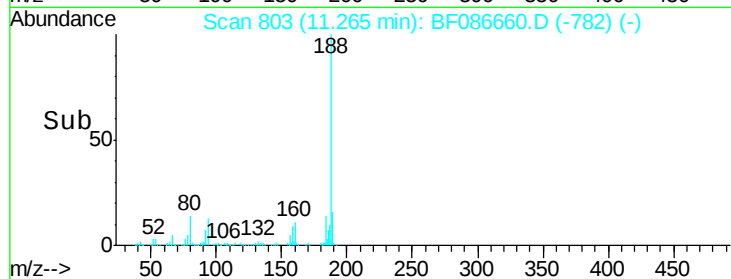
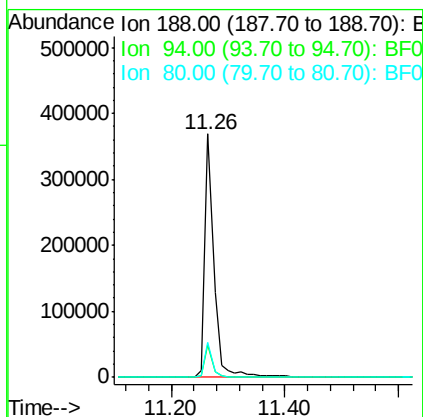
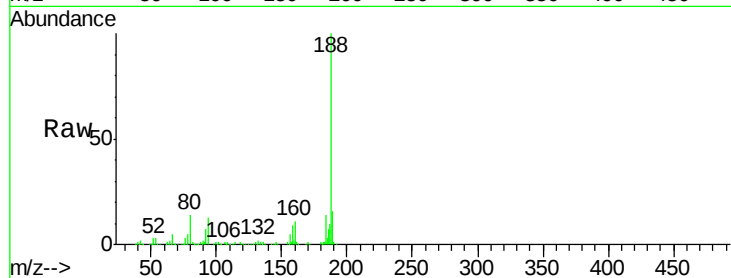




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

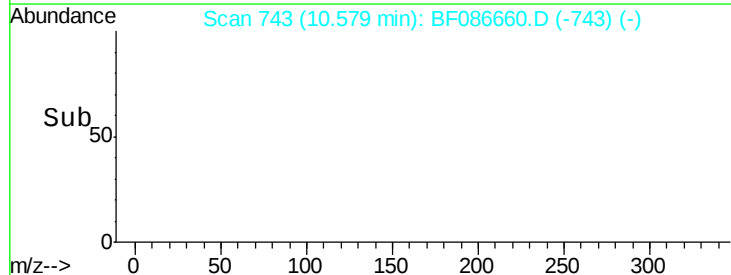
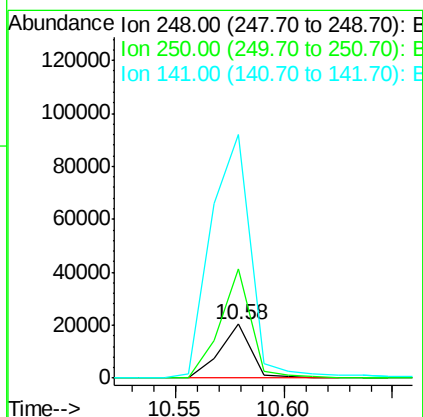
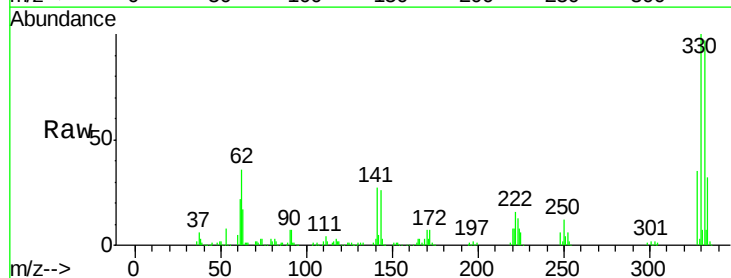
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

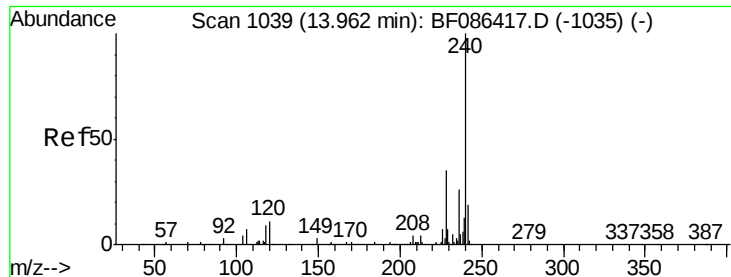
Tgt Ion:188 Resp: 399700
Ion Ratio Lower Upper
188 100
94 13.1 6.8 10.2#
80 14.2 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

Tgt Ion:248 Resp: 20126
Ion Ratio Lower Upper
248 100
250 203.0 78.6 117.8#
141 453.2 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-4(0-12FTBGS)

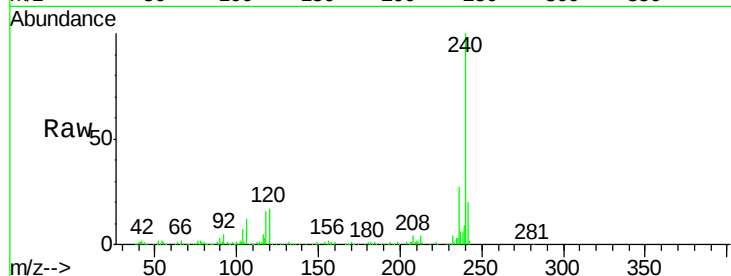
Tgt Ion:240 Resp: 326371

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

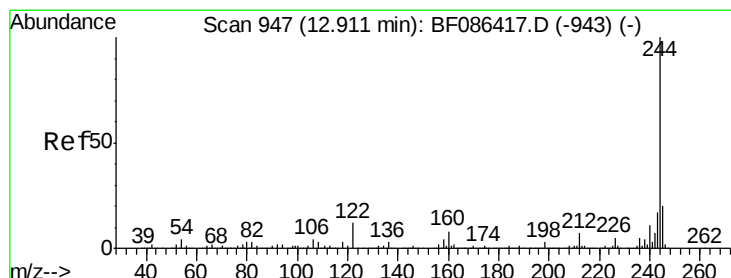
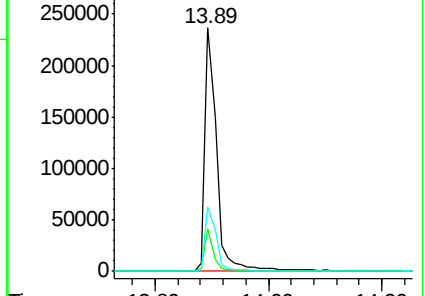
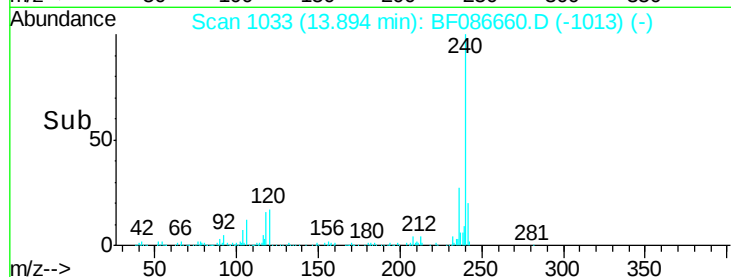
236 26.6 21.2 31.8



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: 75.33 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086660.D

Acq: 3 May 2016 23:57

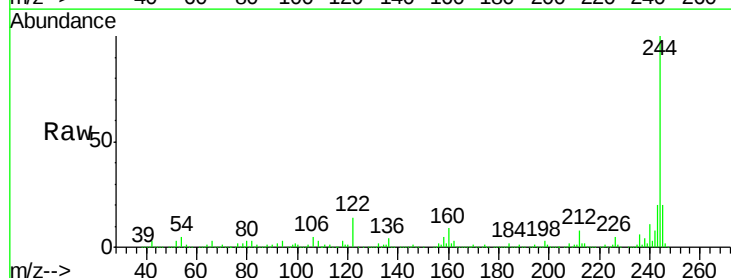
Tgt Ion:244 Resp: 1116006

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

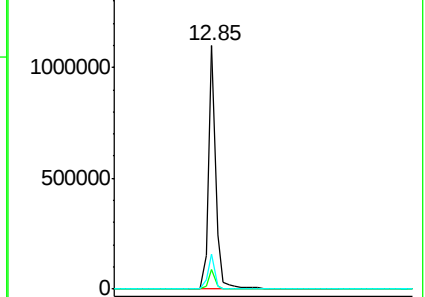
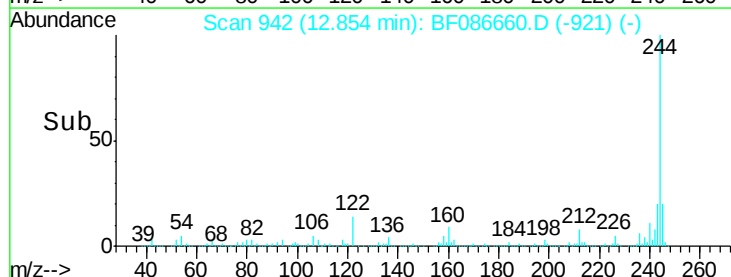
122 14.2 12.0 18.0

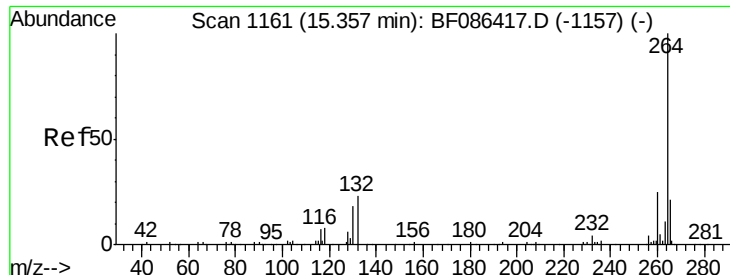


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

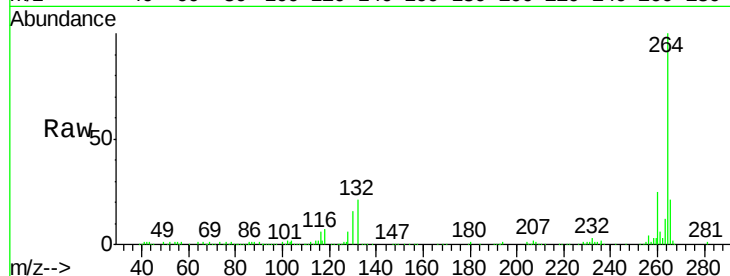




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086660.D
Acq: 3 May 2016 23:57

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-4(0-12FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.9	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

