

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086030.D
 Acq On : 2 Apr 2016 23:59
 Operator : UM/SJ
 Sample : H2017-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Quant Time: Apr 04 01:10:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

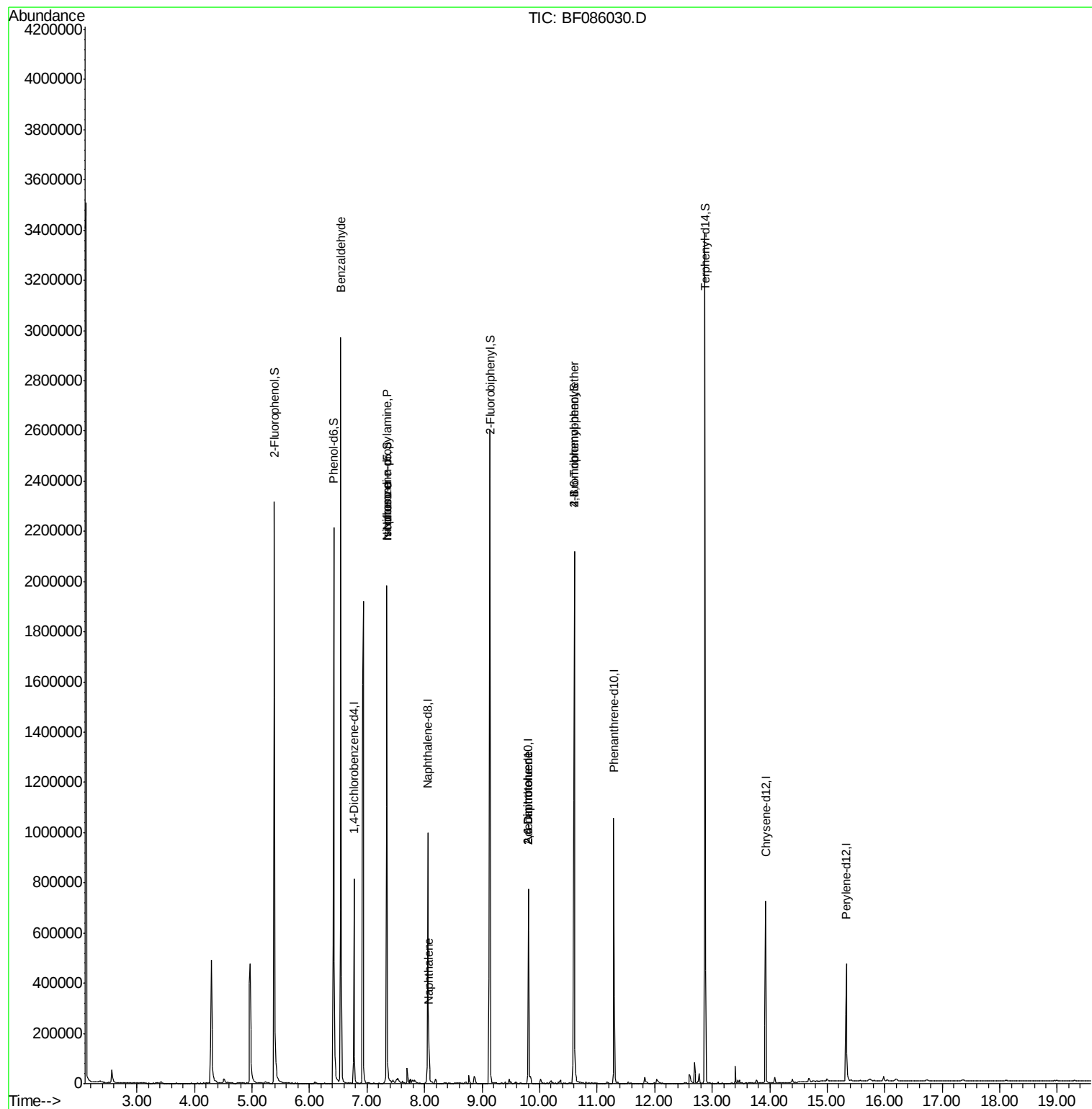
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	121339	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	472548	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	210175	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	397838	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	259440	20.00	ng	0.00
86) Perylene-d12	15.33	264	220129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	930947	131.14	ng	0.02
7) Phenol-d6	6.42	99	939261	104.17	ng	0.00
23) Nitrobenzene-d5	7.34	82	799452	99.77	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	323883	164.18	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1300964	102.92	ng	0.00
78) Terphenyl-d14	12.88	244	1102621	99.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	19280	3.97	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.34	70	106429	19.04	ng	# 75
25) Isophorone	7.34	82	789031	49.88	ng	# 68
31) Naphthalene	8.08	128	62508	2.63	ng	98
50) 2,6-Dinitrotoluene	9.80	165	26573	8.06	ng	# 19
56) 2,4-Dinitrotoluene	9.80	165	26575	6.38	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	21658	5.33	ng	# 1

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

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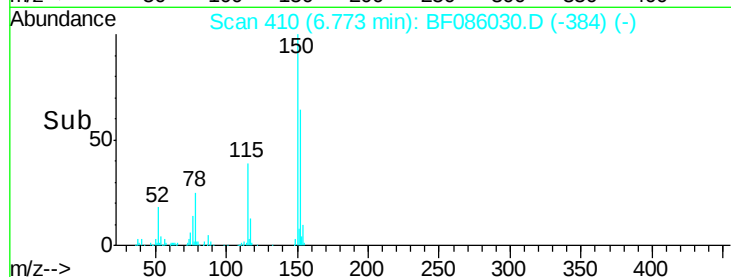
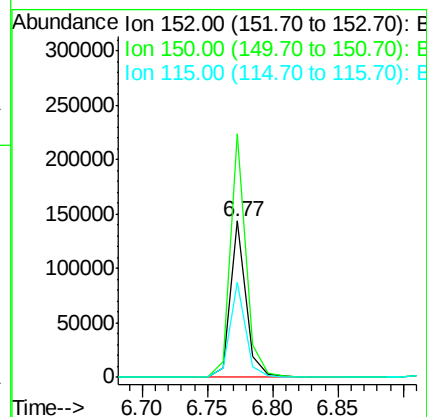
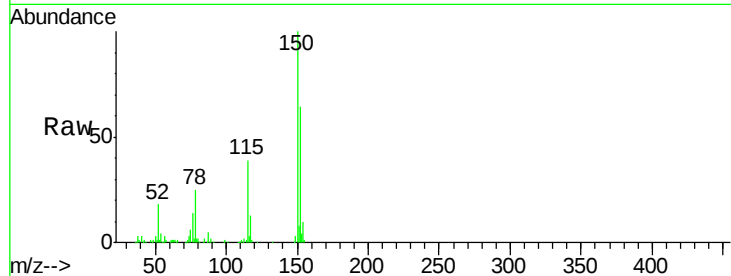


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SB-COMP

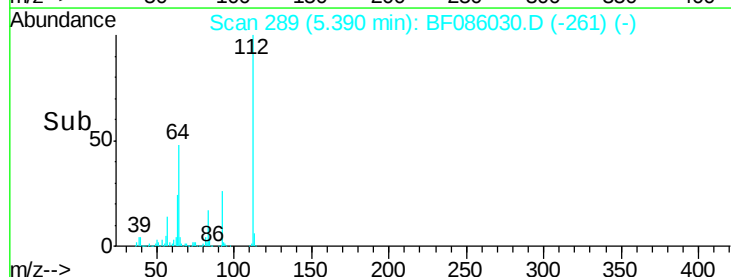
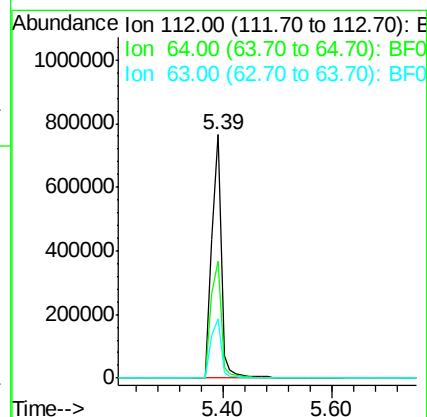
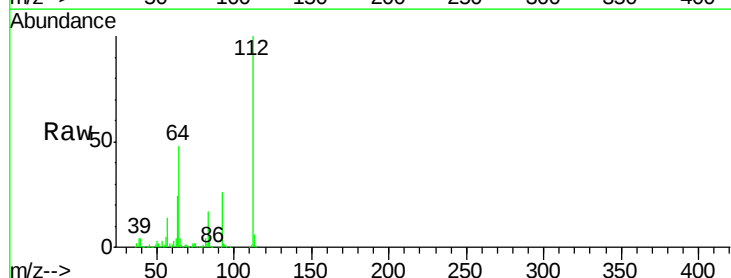
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	61.2	47.0	70.6



#5

2-Fluorophenol
Concen: 131.14 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.02 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.9	59.9
63	24.1	20.2	30.2





#7

Phenol-d6

Concen: 104.17 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SB-COMP

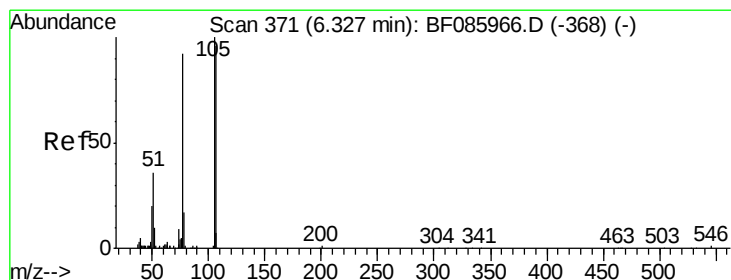
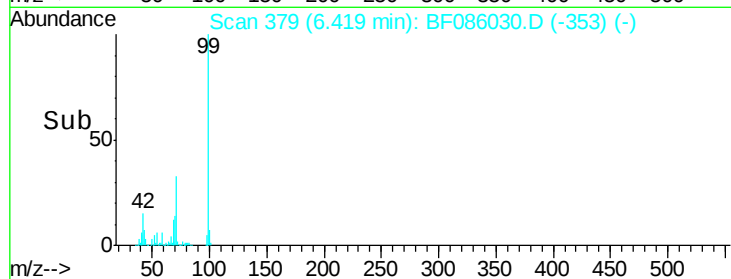
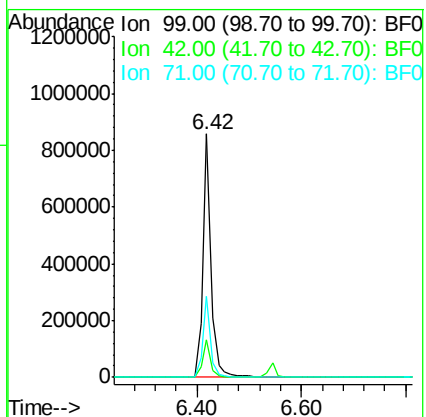
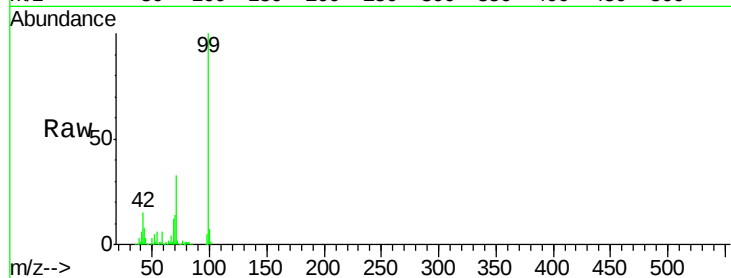
Tgt Ion: 99 Resp: 939261

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

71 33.3 24.9 37.3



#9

Benzaldehyde

Concen: 3.97 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

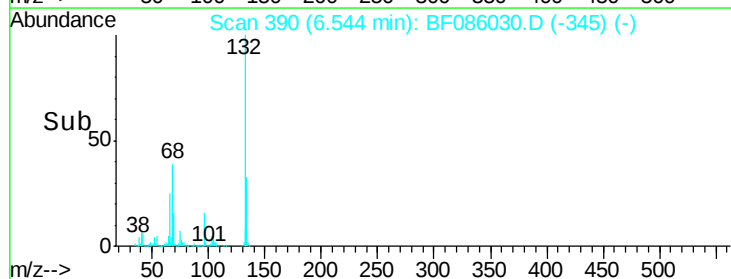
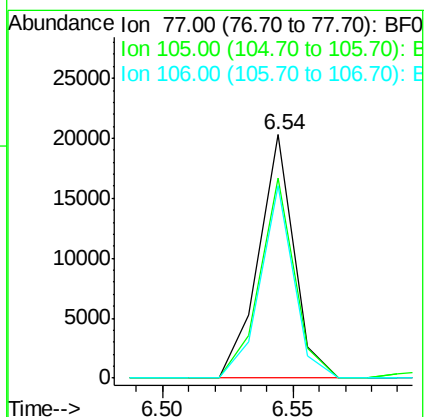
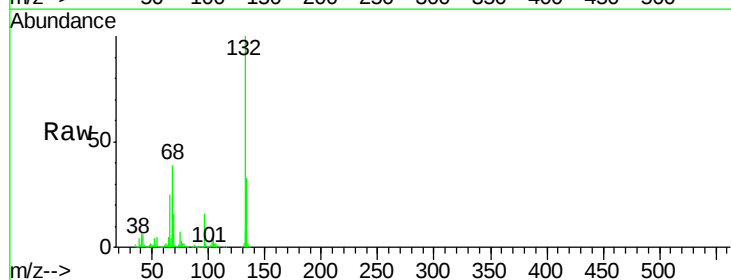
Tgt Ion: 77 Resp: 19280

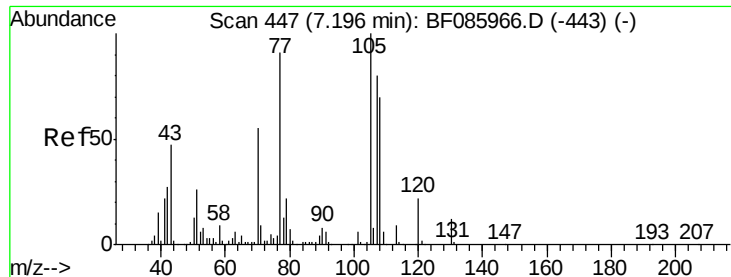
Ion Ratio Lower Upper

77 100

105 82.0 80.1 120.1

106 79.1 75.0 115.0

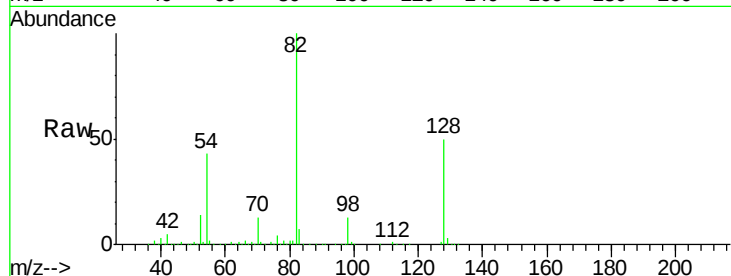




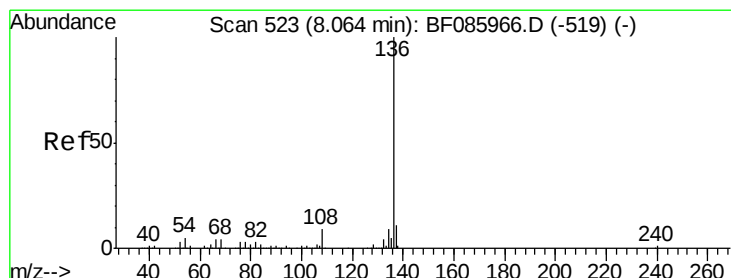
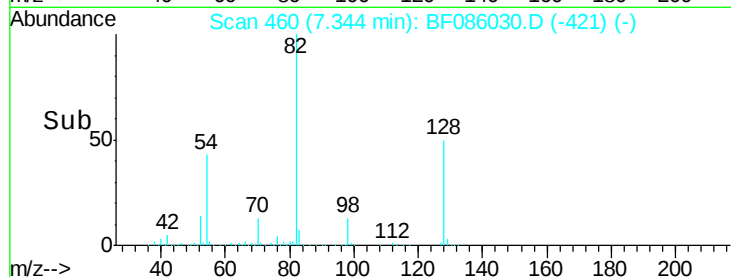
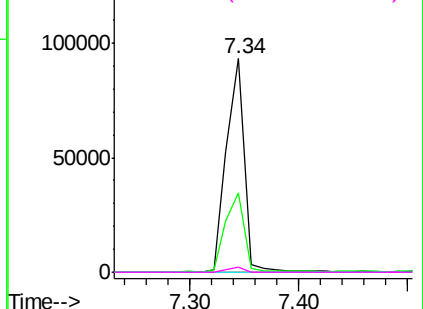
#19
n-Nitroso-di-n-propylamine
Concen: 19.04 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion: 70 Resp: 106429
Ion Ratio Lower Upper
70 100
42 36.9 37.1 55.7#
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#

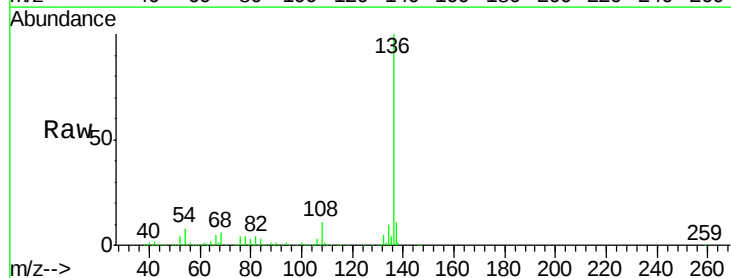


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

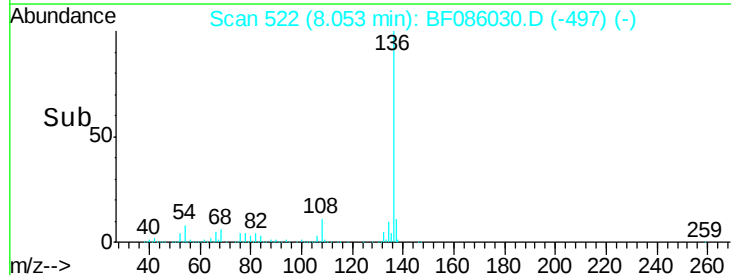
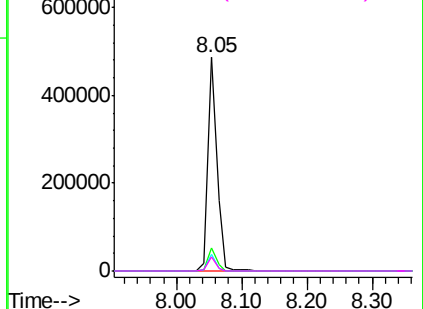


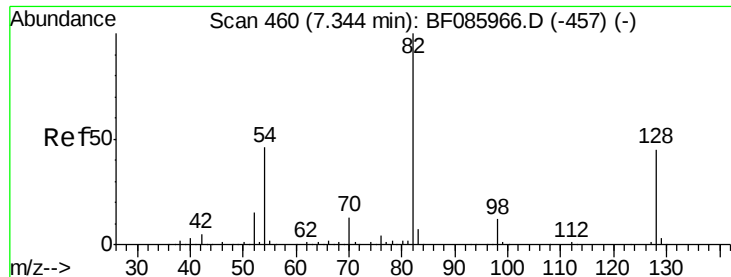
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Tgt Ion: 136 Resp: 472548
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.8 7.4 11.0
68 6.3 5.8 8.8



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

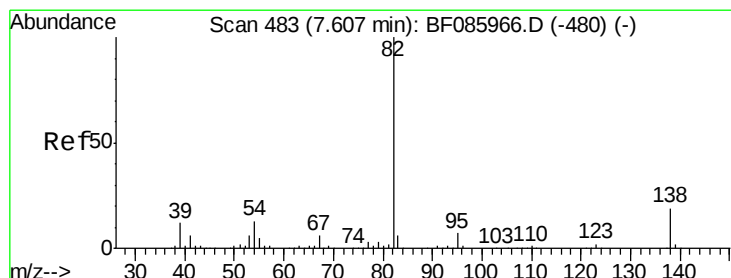
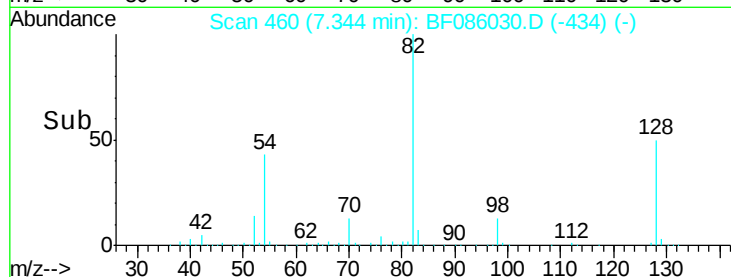
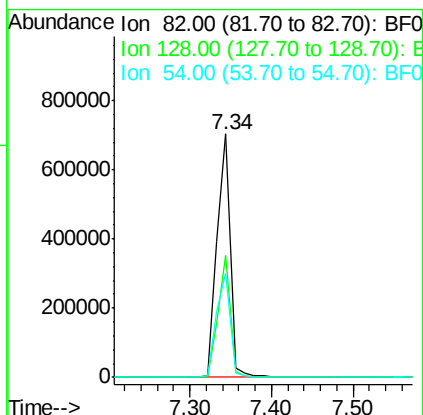
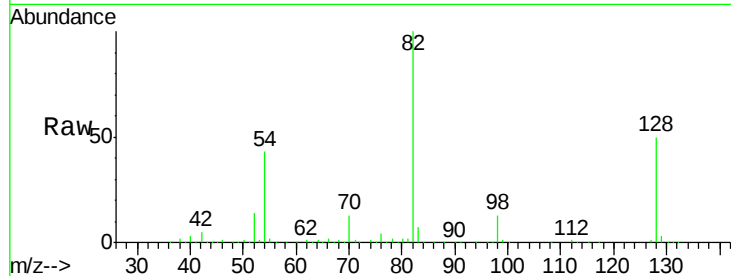




#23
 Nitrobenzene-d5
 Concen: 99.77 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086030.D
 Acq: 2 Apr 2016 23:59

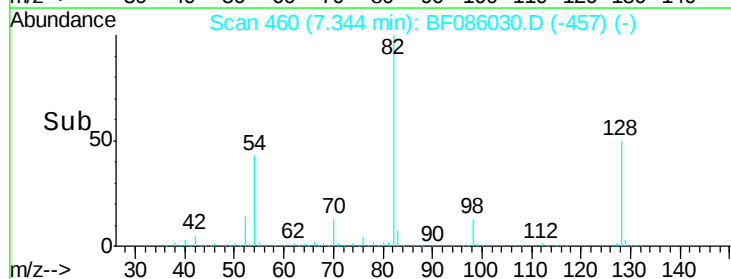
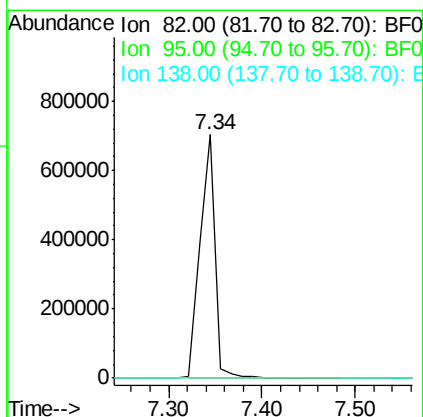
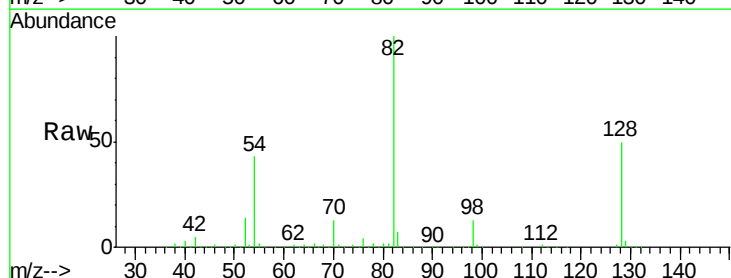
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

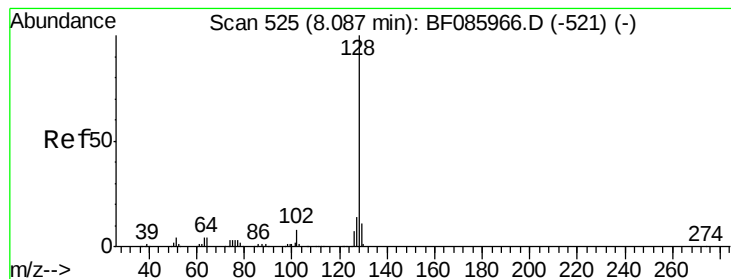
Tgt Ion: 82 Resp: 799452
 Ion Ratio Lower Upper
 82 100
 128 49.9 41.8 62.8
 54 42.7 33.4 50.0



#25
 Isophorone
 Concen: 49.88 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF086030.D
 Acq: 2 Apr 2016 23:59

Tgt Ion: 82 Resp: 789031
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#





#31

Naphthalene

Concen: 2.63 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SB-COMP

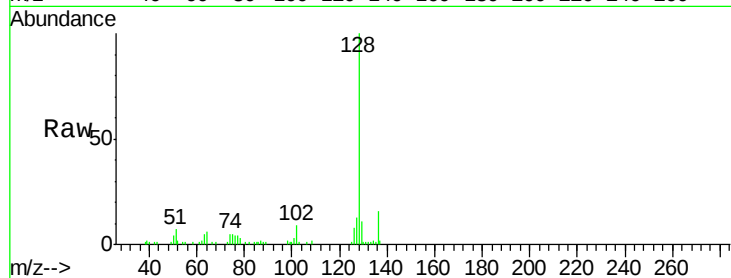
Tgt Ion:128 Resp: 62508

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

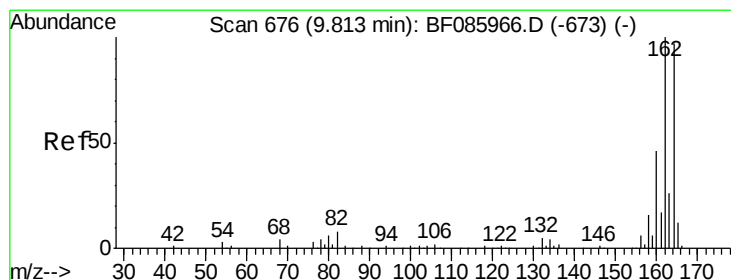
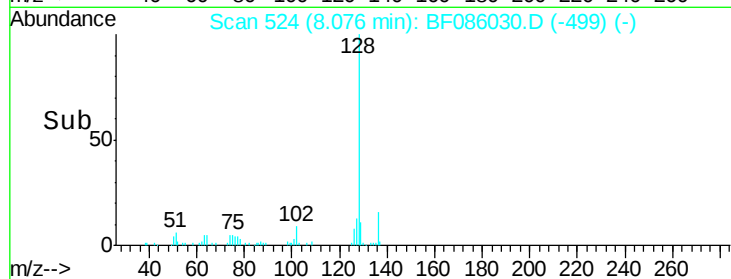
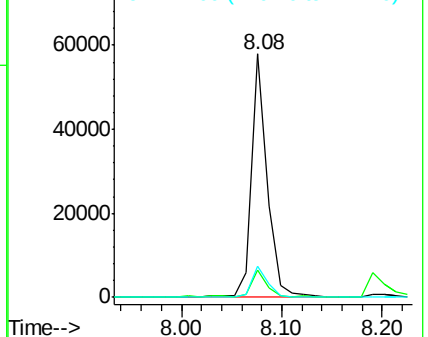
127 12.6 11.0 16.6



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

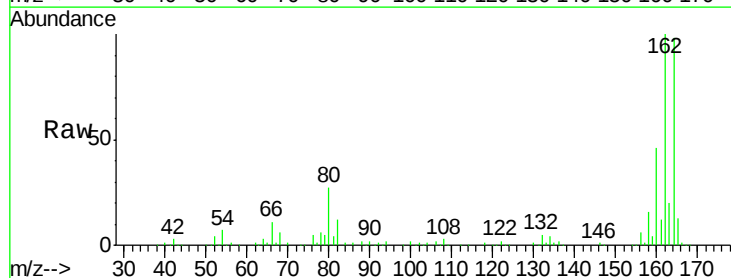
Tgt Ion:164 Resp: 210175

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

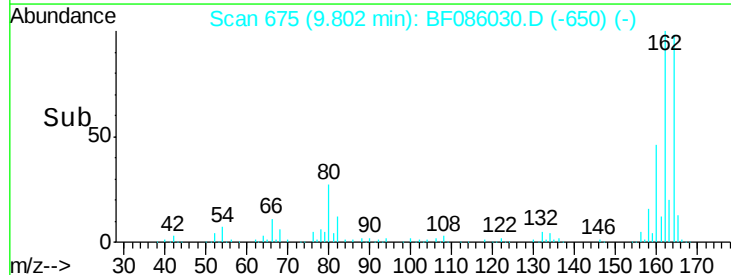
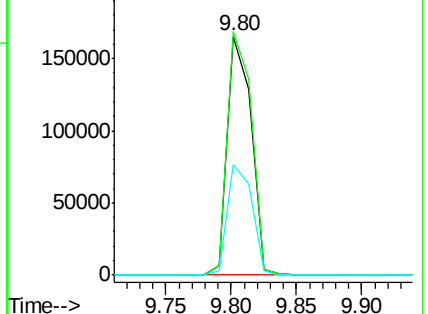
160 46.4 37.4 56.2

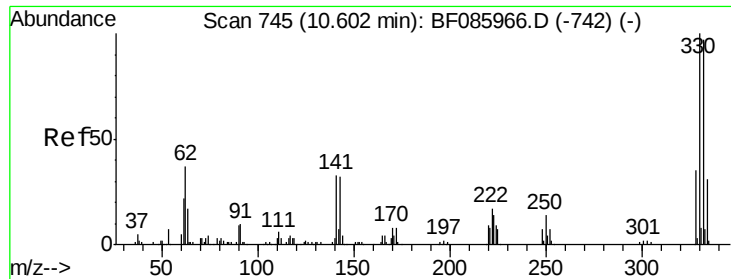


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

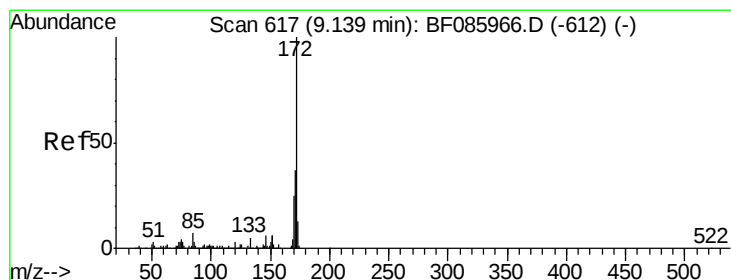
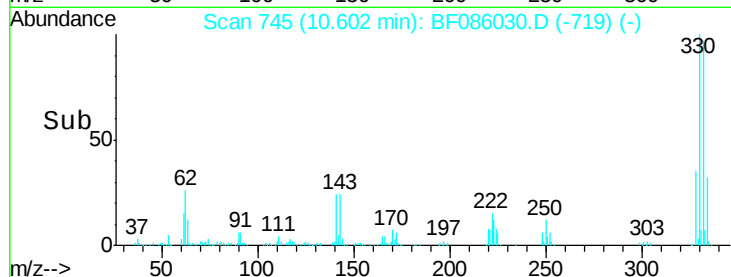
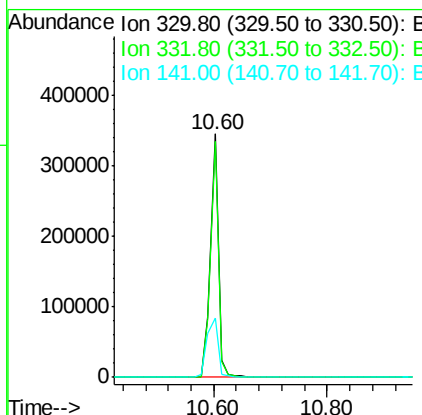
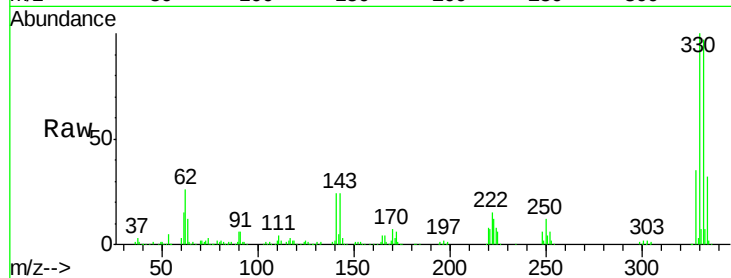




#41
 2,4,6-Tribromophenol
 Concen: 164.18 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086030.D
 Acq: 2 Apr 2016 23:59

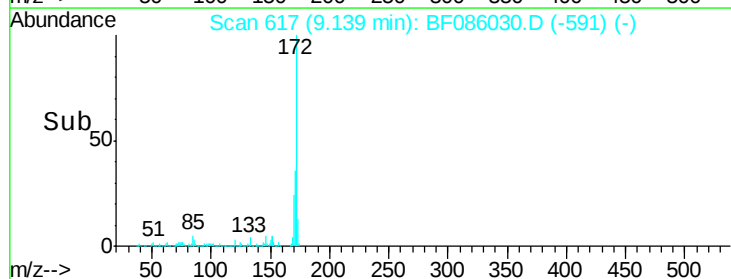
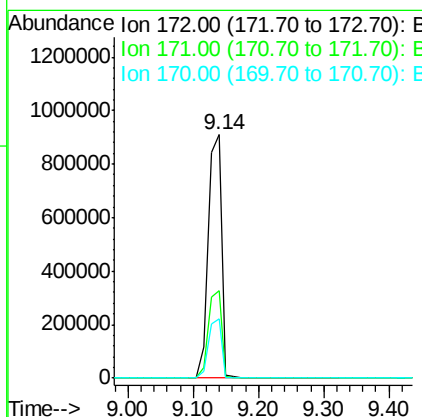
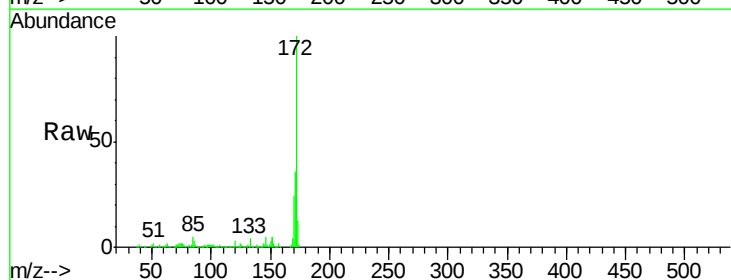
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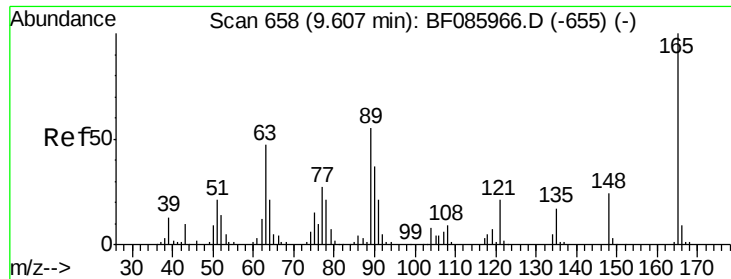
Tgt Ion:330 Resp: 323883
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 34.1 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 102.92 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086030.D
 Acq: 2 Apr 2016 23:59

Tgt Ion:172 Resp: 1300964
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.3 19.8 29.6

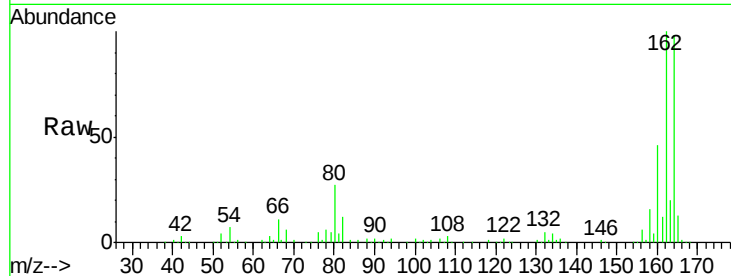




#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF086030.D
 Acq: 2 Apr 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

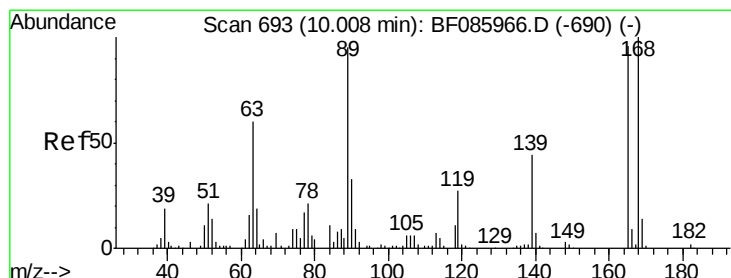
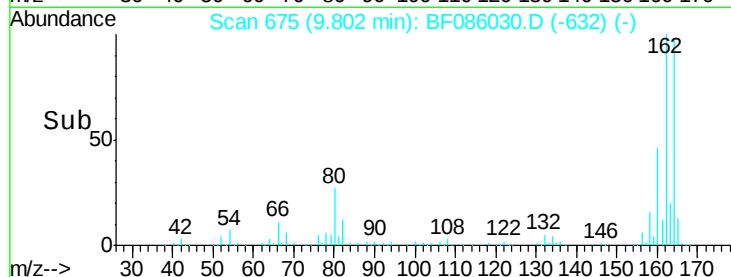
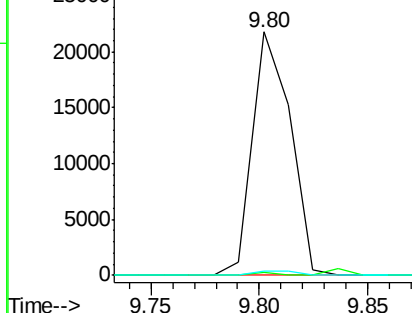
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	2.0	53.7	80.5#



Abundance Ion 165.00 (164.70 to 165.70): E

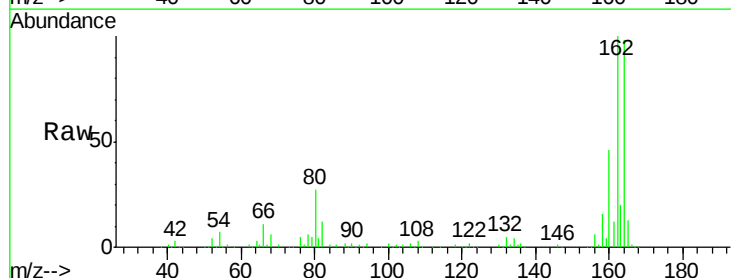
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.38 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086030.D
 Acq: 2 Apr 2016 23:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

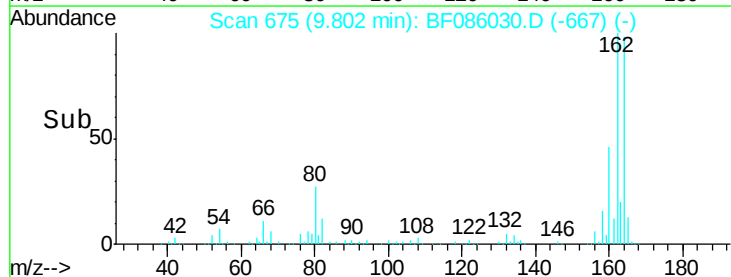
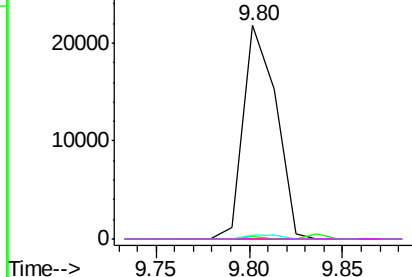


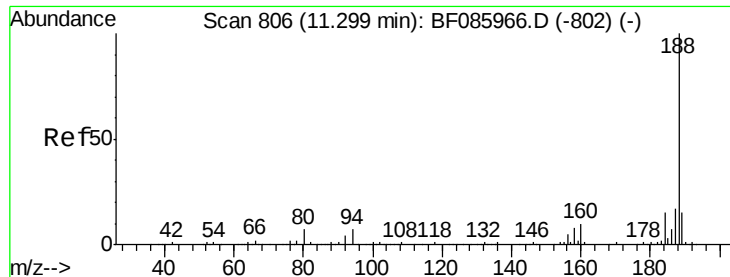
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

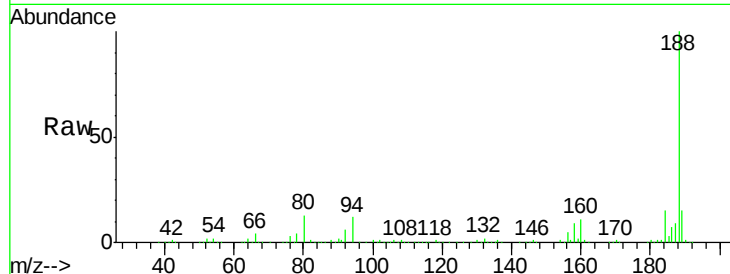




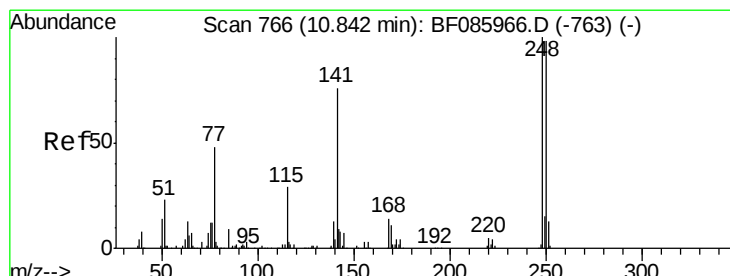
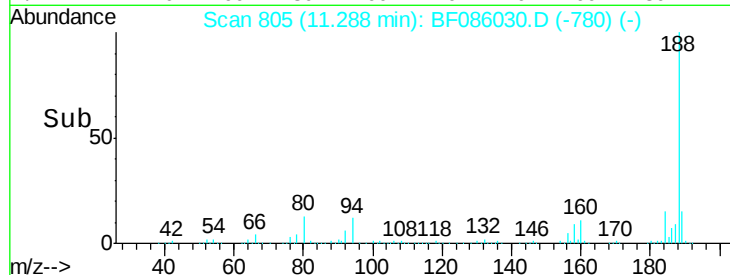
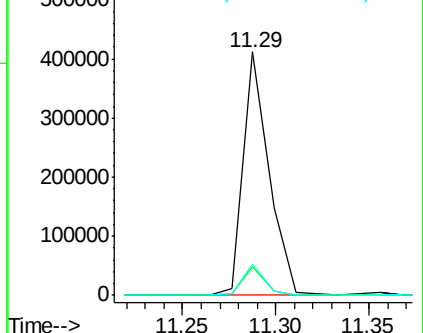
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:188 Resp: 397838
Ion Ratio Lower Upper
188 100
94 11.7 5.4 8.0#
80 12.8 5.5 8.3#

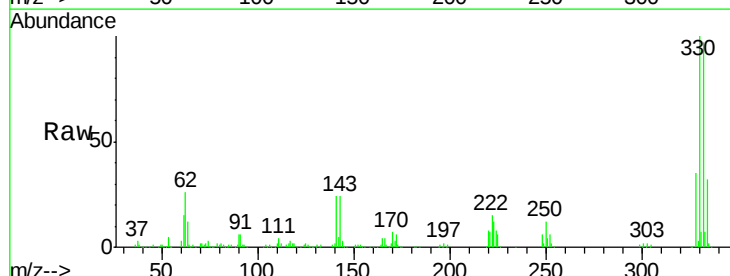


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

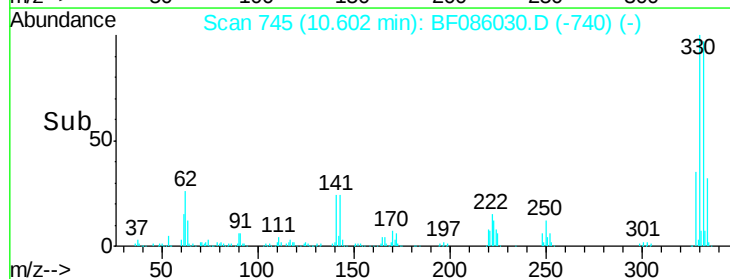
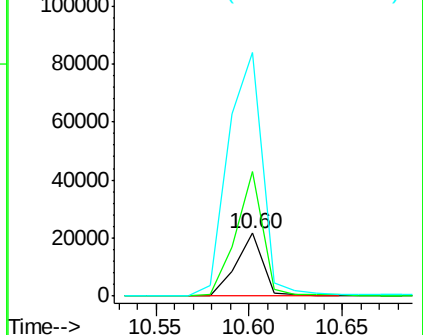


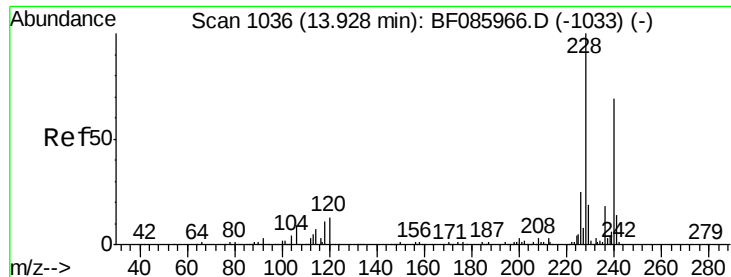
#66
4-Bromophenyl-phenylether
Concen: 5.33 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Tgt Ion:248 Resp: 21658
Ion Ratio Lower Upper
248 100
250 198.9 77.4 116.0#
141 388.3 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SB-COMP

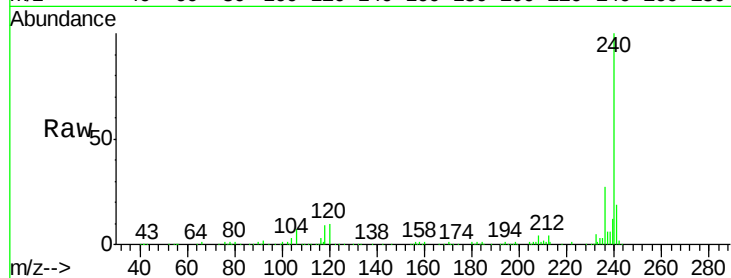
Tgt Ion:240 Resp: 259440

Ion Ratio Lower Upper

240 100

120 10.2 13.8 20.8#

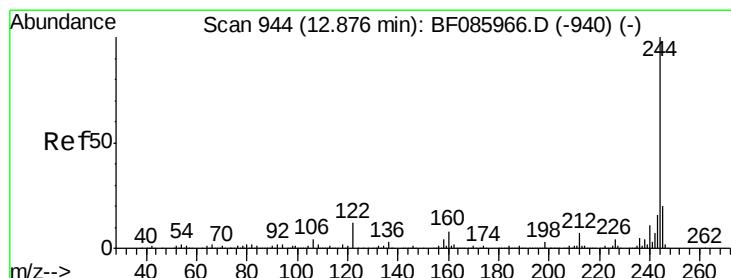
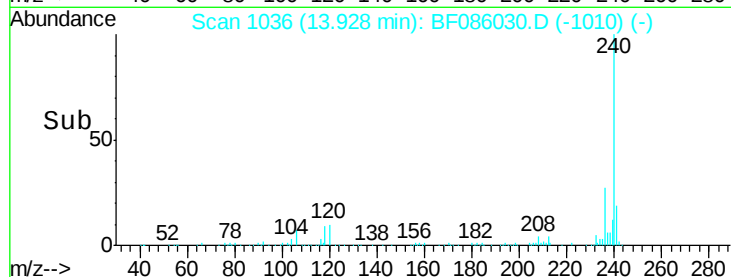
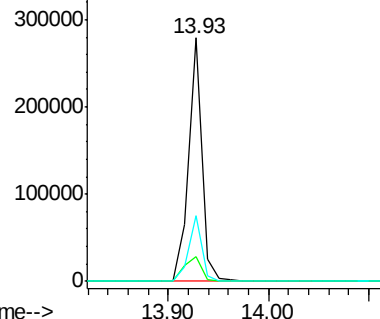
236 26.9 20.6 30.8



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: 99.90 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086030.D

Acq: 2 Apr 2016 23:59

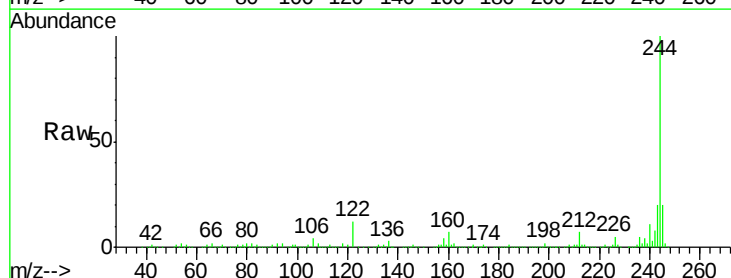
Tgt Ion:244 Resp: 1102621

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

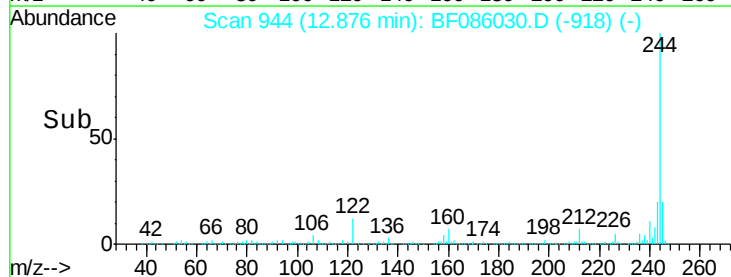
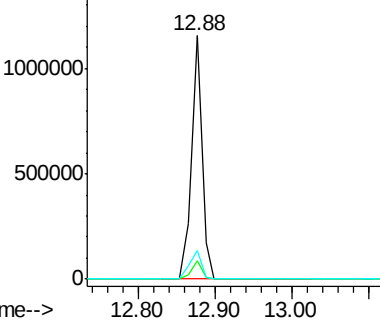
122 11.5 10.2 15.4

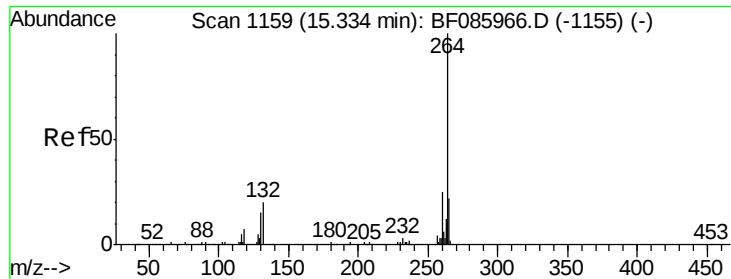


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086030.D
Acq: 2 Apr 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.3	17.2	25.8

