

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097804.D
 Acq On : 17 Aug 2017 23:44
 Operator : SJ/JU
 Sample : I4754-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-FINES-COMP

Quant Time: Aug 18 01:34:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

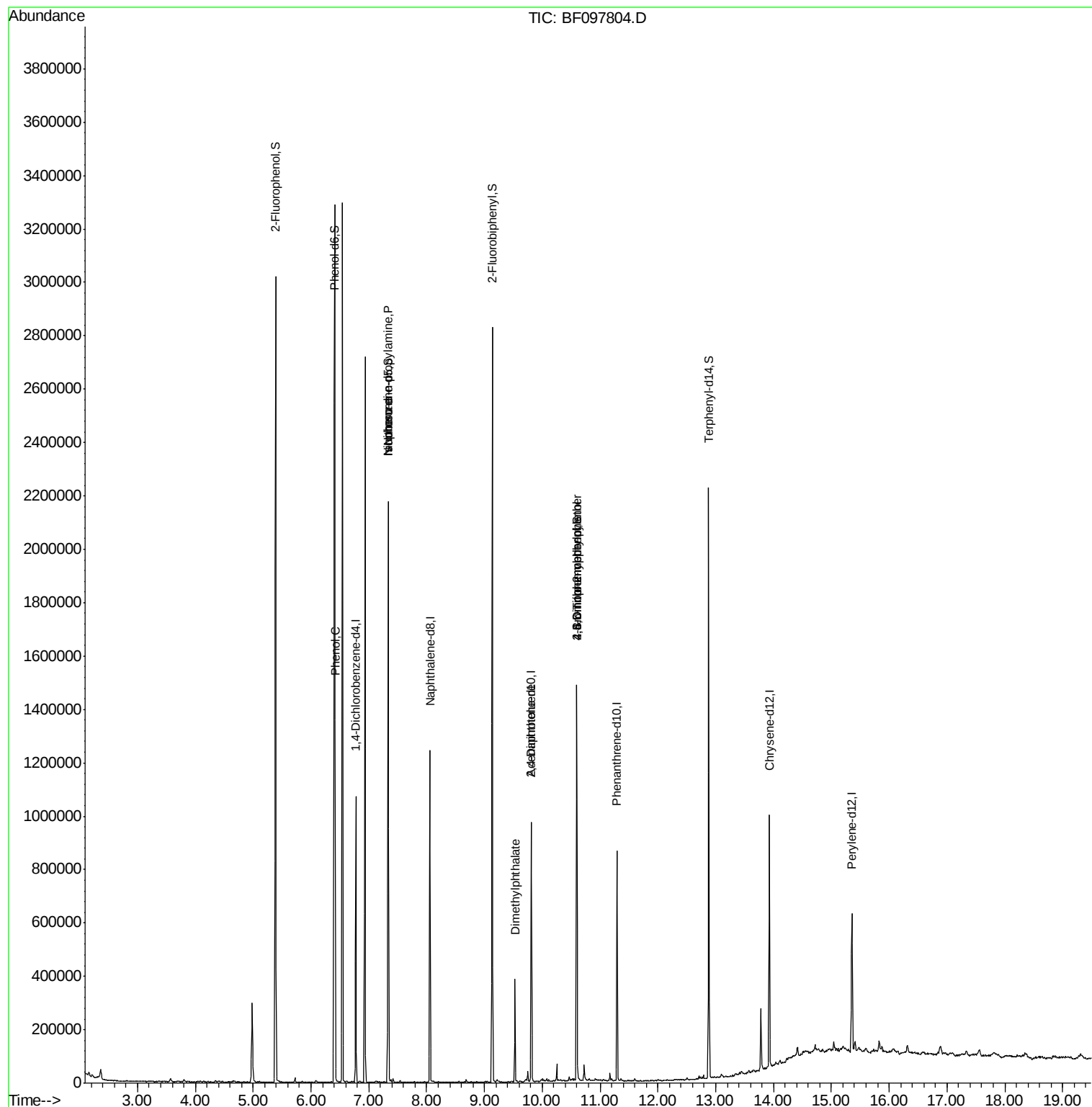
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135443	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	482373	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	172465	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	285983	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	288805	20.00	ng	-0.01
86) Perylene-d12	15.36	264	213345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	923885	103.76	ng	0.00
7) Phenol-d6	6.41	99	1218535	100.72	ng	0.00
23) Nitrobenzene-d5	7.34	82	733678	82.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	139686	93.35	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	892523	76.03	ng	0.00
78) Terphenyl-d14	12.88	244	655082	47.30	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	43325	3.06	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.34	70	98364	11.88	ng	# 71
25) Isophorone	7.34	82	733664	39.74	ng	# 67
49) Dimethylphthalate	9.53	163	119204	9.46	ng	98
56) 2,4-Dinitrotoluene	9.81	165	22115	7.00	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	122	8.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	9529	3.21	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097804.D
Acq On : 17 Aug 2017 23:44
Operator : SJ/JU
Sample : I4754-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30-FINES-COMP

Quant Time: Aug 18 01:34:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

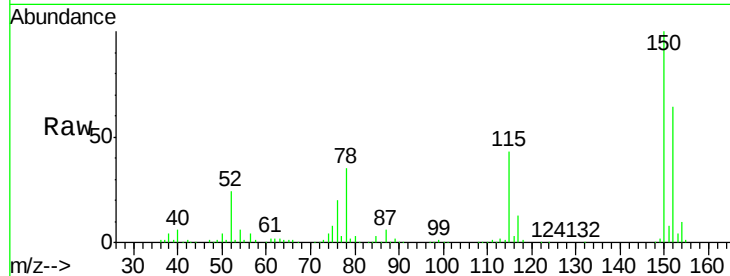
Tot Ion:152 Resp: 135443

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

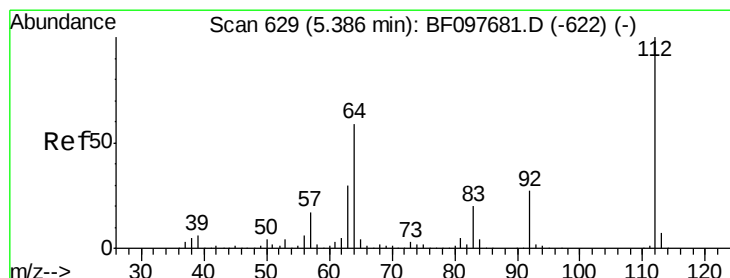
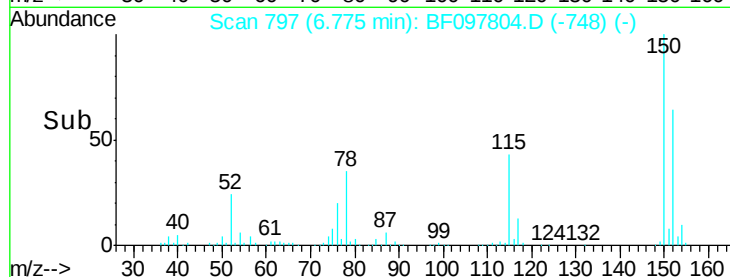
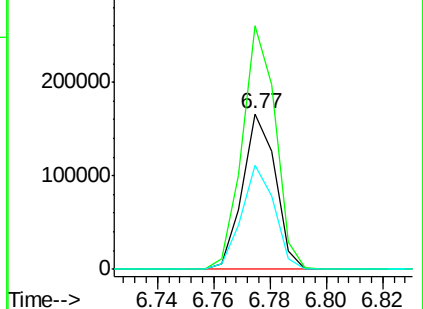
115 67.2 52.2 78.2



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: 103.76 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

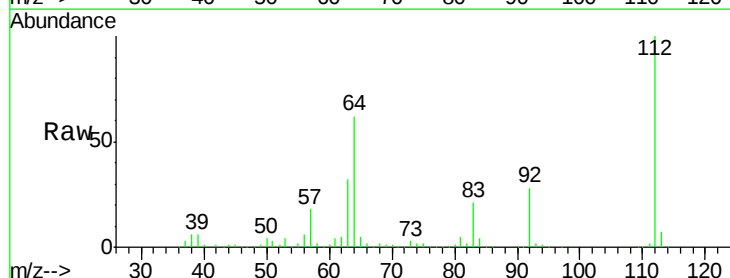
Tgt Ion:112 Resp: 923885

Ion Ratio Lower Upper

112 100

64 62.1 46.0 69.0

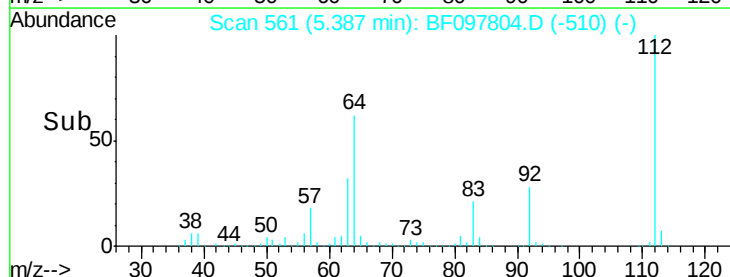
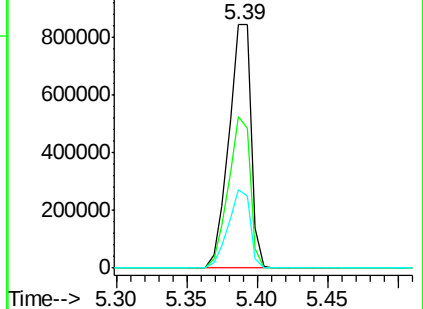
63 32.0 23.4 35.0

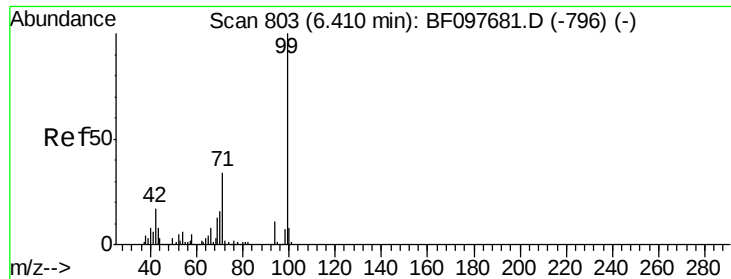


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.72 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

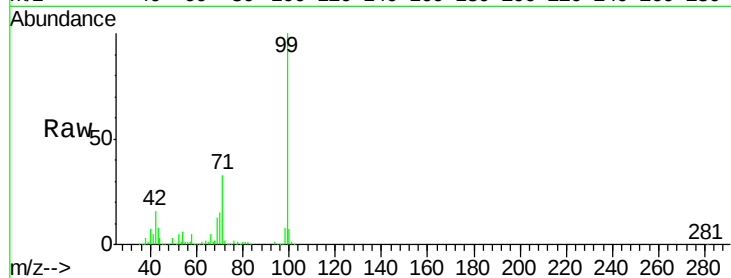
Tot Ion: 99 Resp: 1218535

Ion Ratio Lower Upper

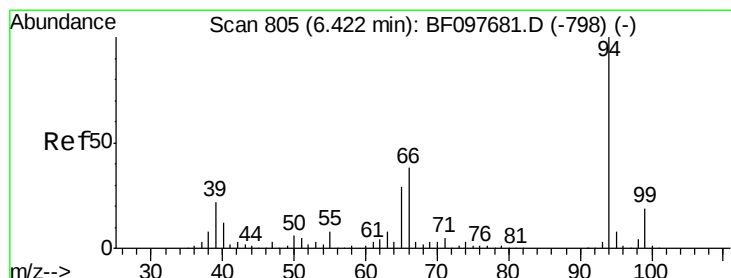
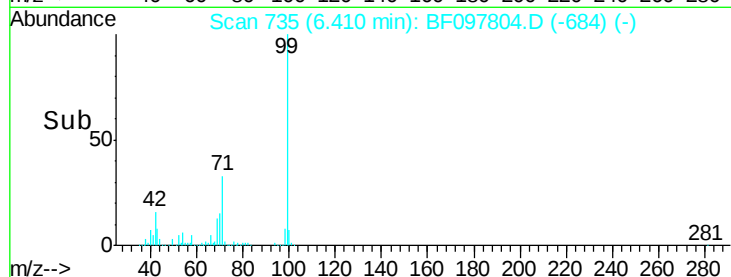
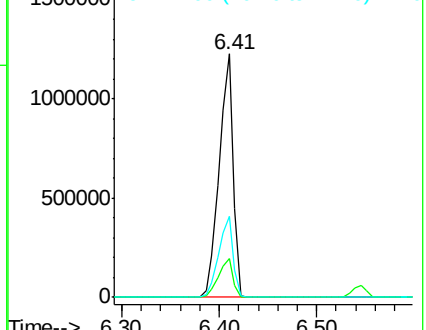
99 100

42 15.8 13.5 20.3

71 33.5 24.5 36.7



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



#10

Phenol

Concen: 3.06 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

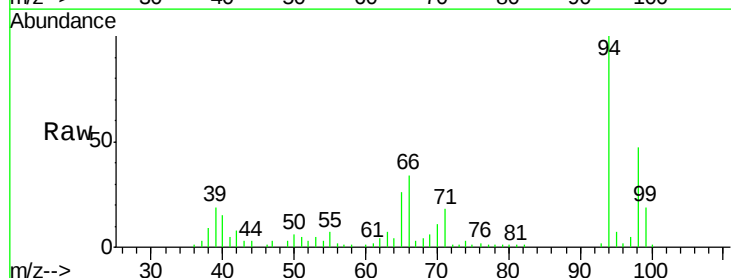
Tgt Ion: 94 Resp: 43325

Ion Ratio Lower Upper

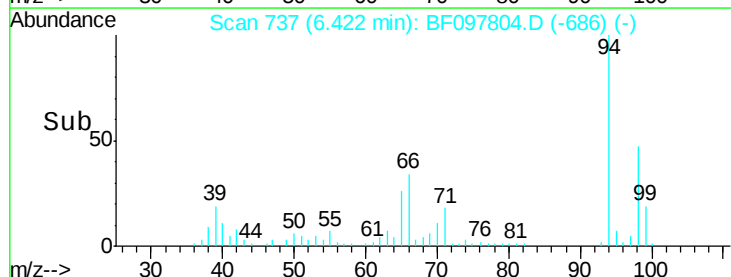
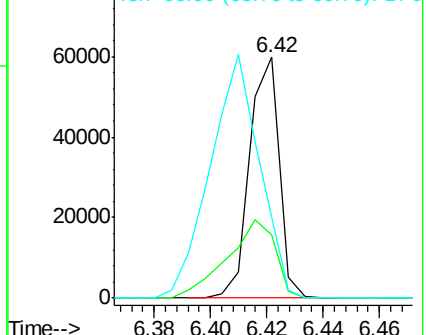
94 100

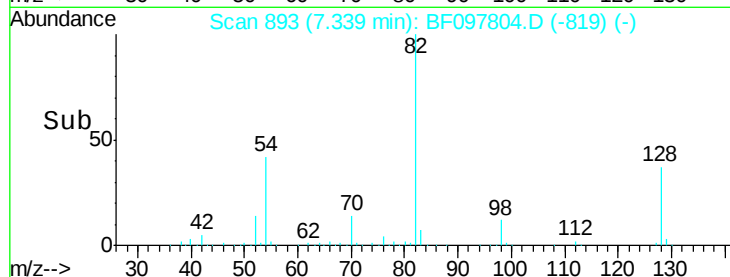
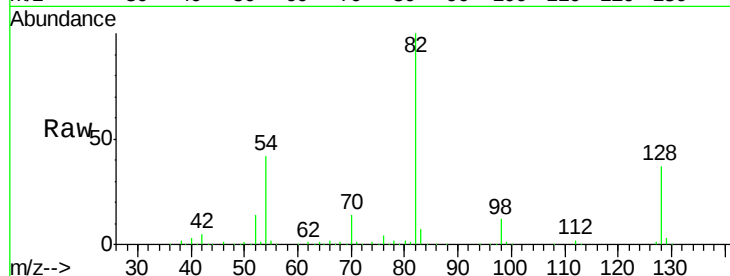
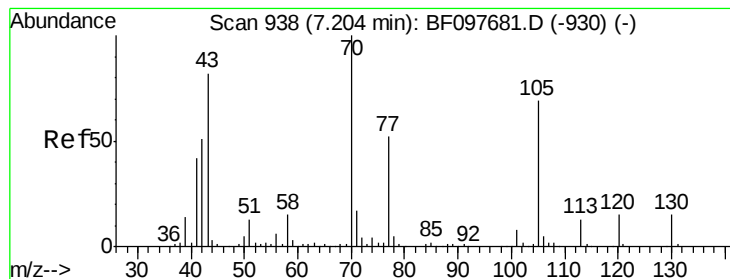
65 26.3 9.9 49.9

66 33.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.88 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

Tot Ion: 70 Resp: 98364

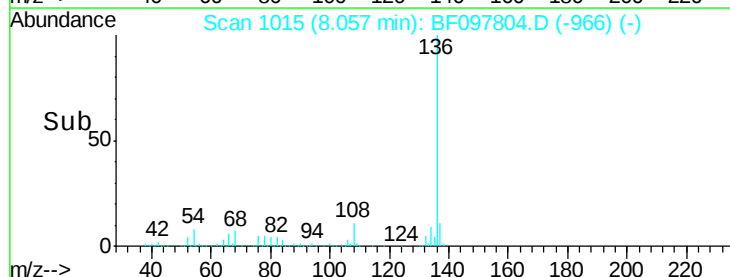
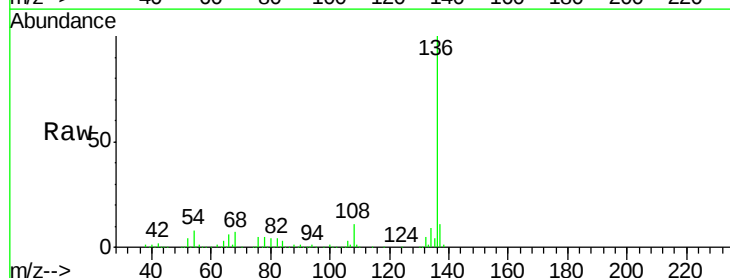
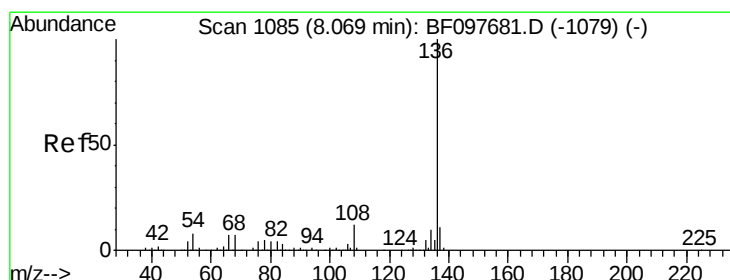
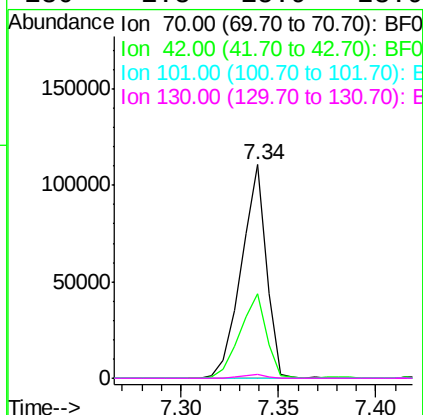
Ion Ratio Lower Upper

70 100

42 39.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Tgt Ion: 136 Resp: 482373

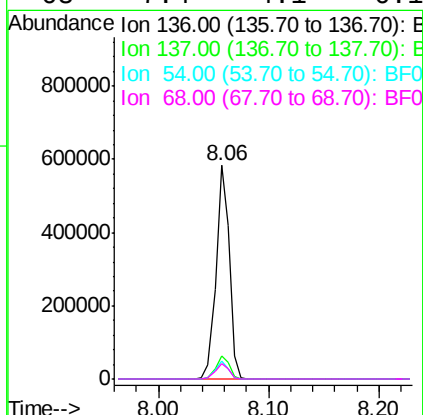
Ion Ratio Lower Upper

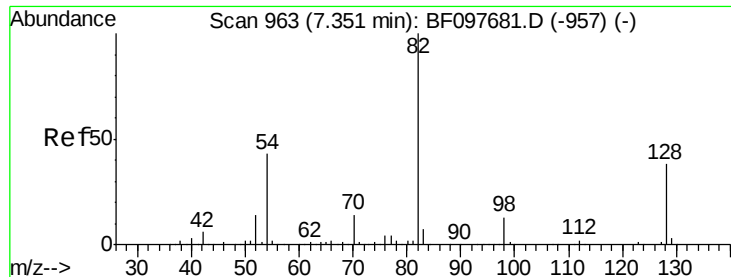
136 100

137 10.9 8.5 12.7

54 8.3 4.9 7.3#

68 7.4 4.1 6.1#

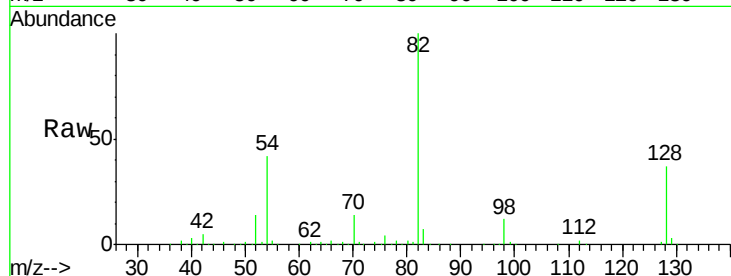




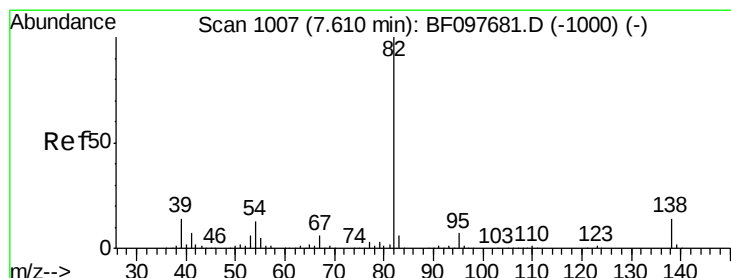
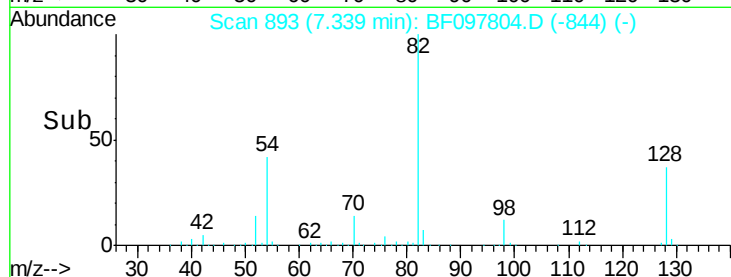
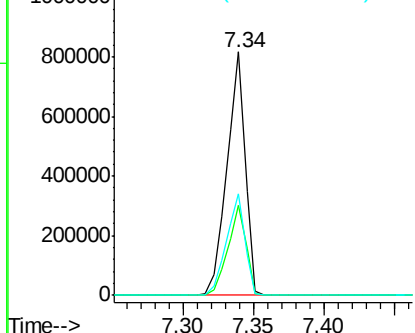
#23
 Nitrobenzene-d5
 Concen: 82.63 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 30-FINES-COMP

Tot Ion: 82 Resp: 733678
 Ion Ratio Lower Upper
 82 100
 128 36.9 34.0 51.0
 54 41.9 42.2 63.2#

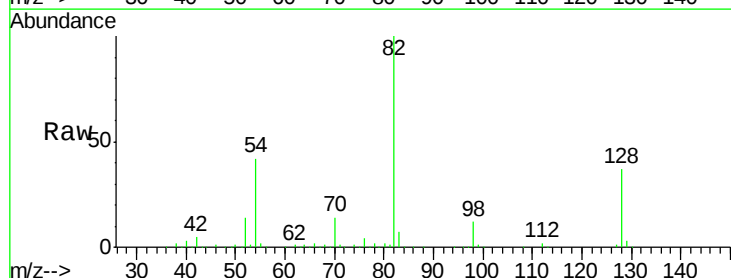


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

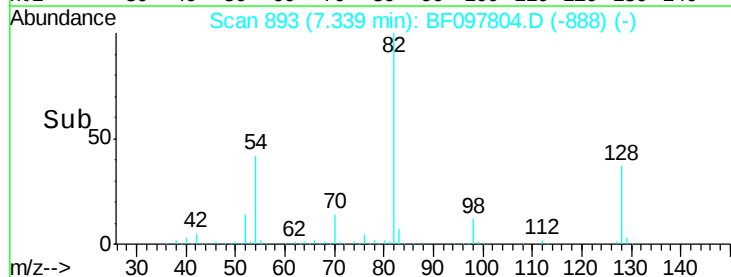
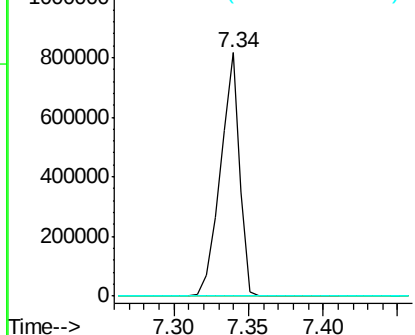


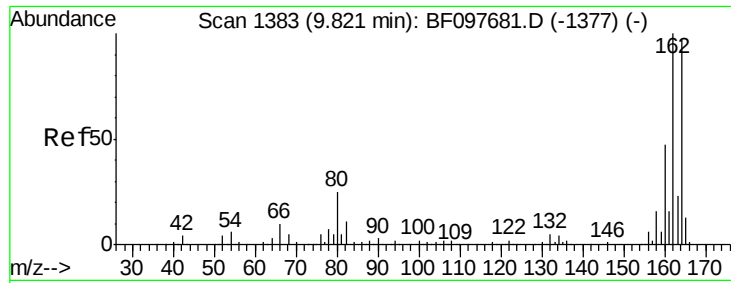
#25
 Isophorone
 Concen: 39.74 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

Tgt Ion: 82 Resp: 733664
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



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

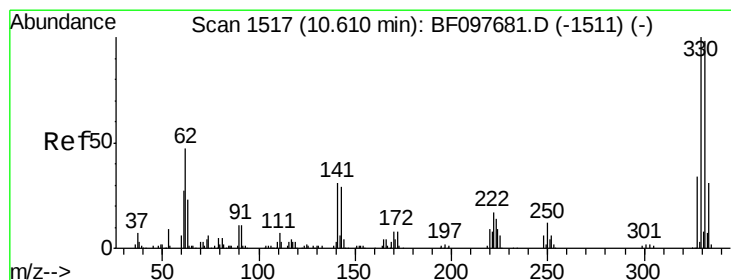
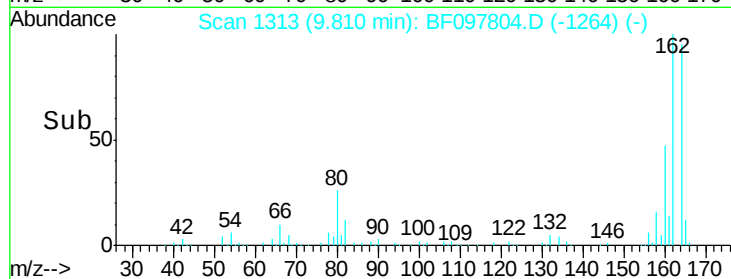
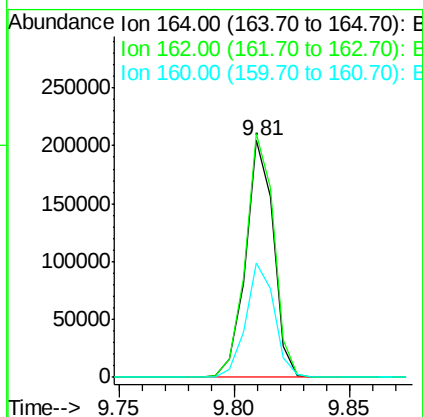
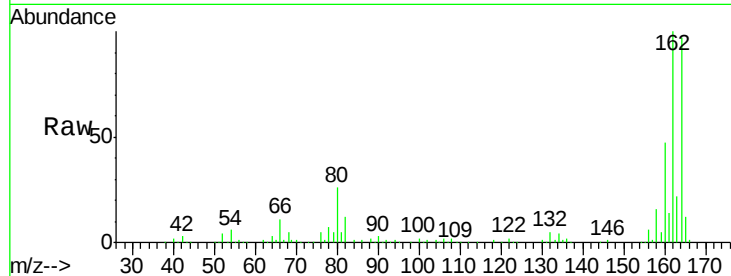




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

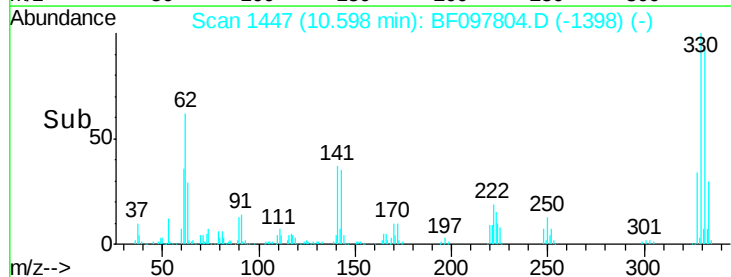
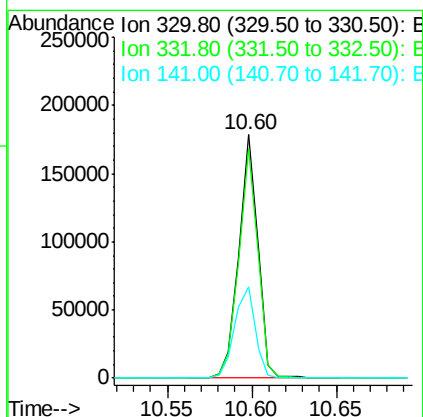
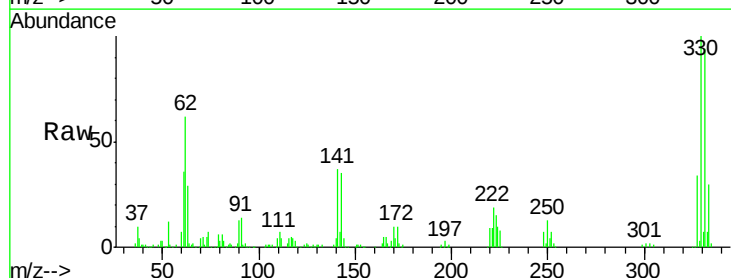
Instrument :
 BNA_F
 ClientSampleId :
 30-FINES-COMP

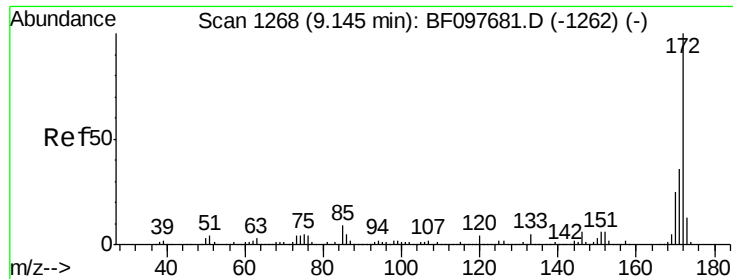
Tot Ion:164 Resp: 172465
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 48.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 93.35 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

Tgt Ion:330 Resp: 139686
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 40.8 31.4 47.2

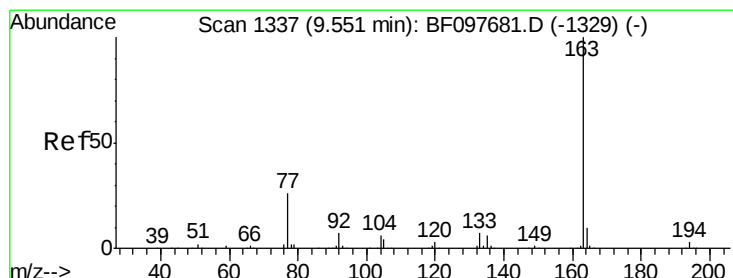
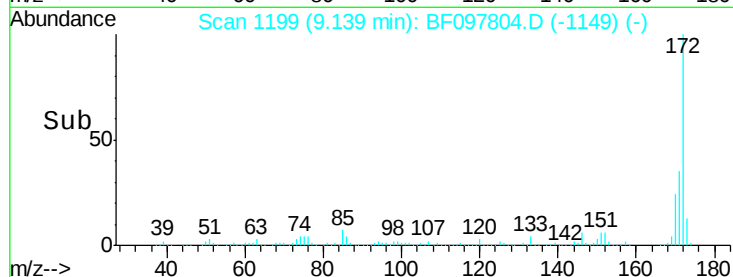
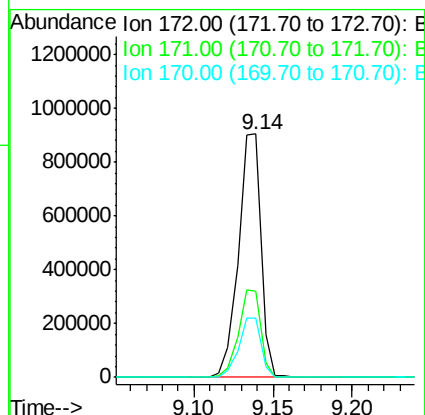
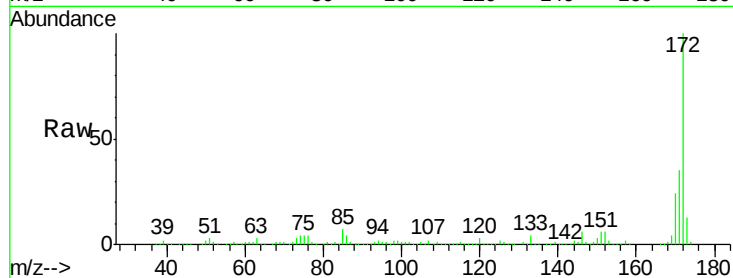




#44
2-Fluorobiphenyl
Concen: 76.03 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

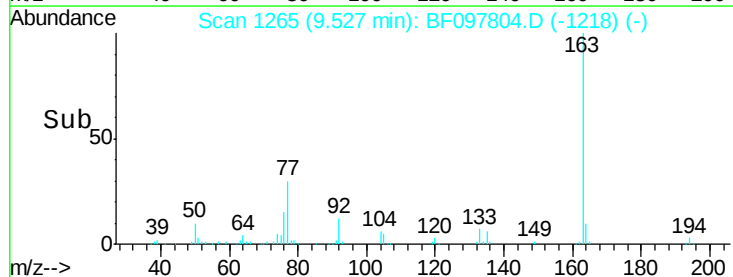
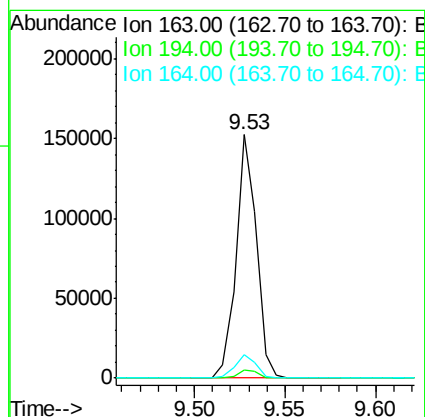
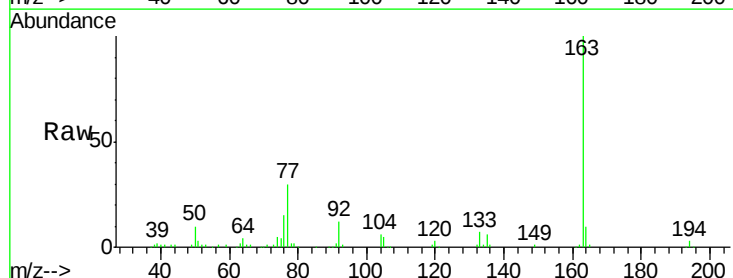
Instrument :
BNA_F
ClientSampleId :
30-FINES-COMP

Tot Ion:172 Resp: 892523
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 9.46 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Tgt Ion:163 Resp: 119204
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.6 8.4 12.6

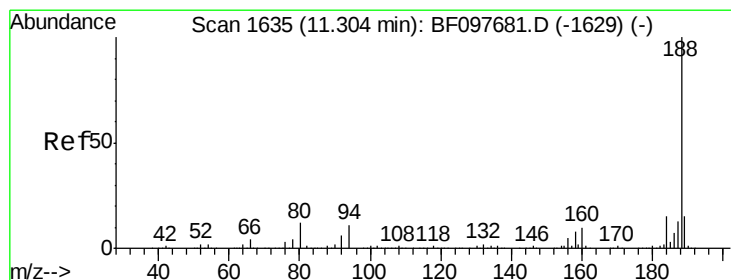
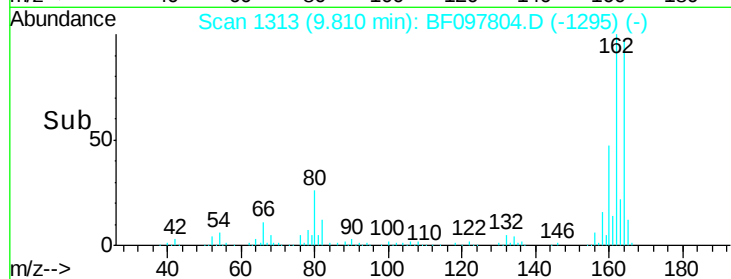
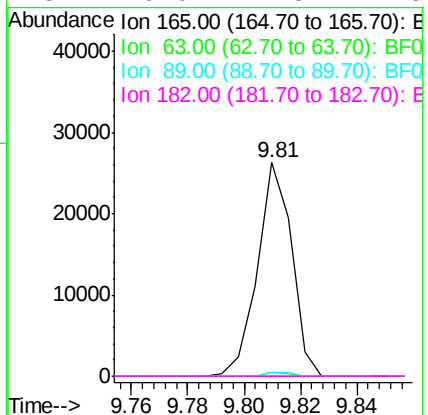
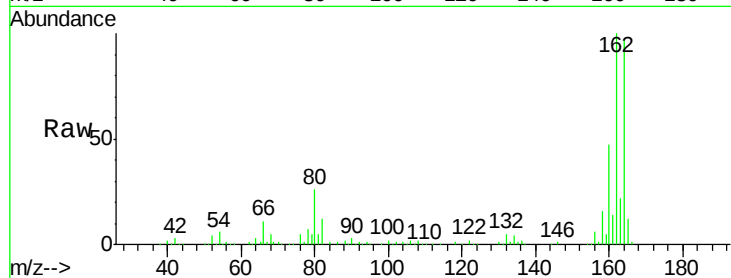




#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

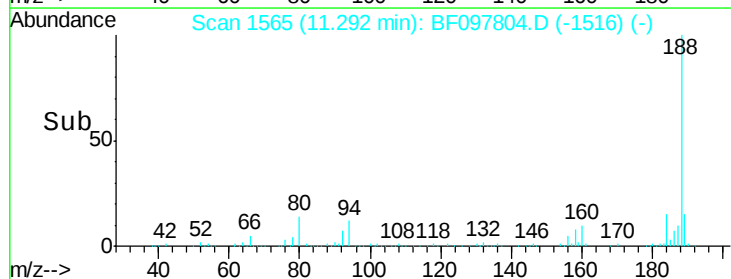
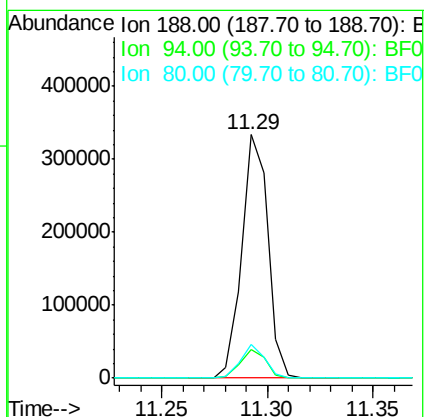
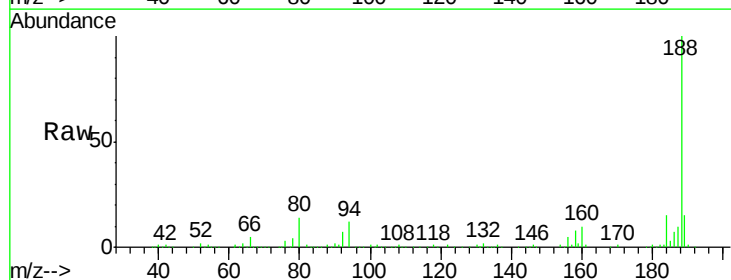
Instrument :
 BNA_F
 ClientSampleId :
 30-FINES-COMP

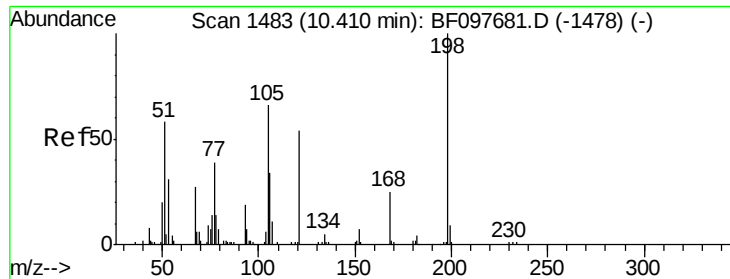
Tot Ion:165	Resp:	22115
Ion Ratio	Lower	Upper
165	100	
63	1.6	25.4 38.0#
89	1.6	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

Tgt Ion:188	Resp:	285983
Ion Ratio	Lower	Upper
188	100	
94	12.0	9.4 14.2
80	13.8	10.2 15.2

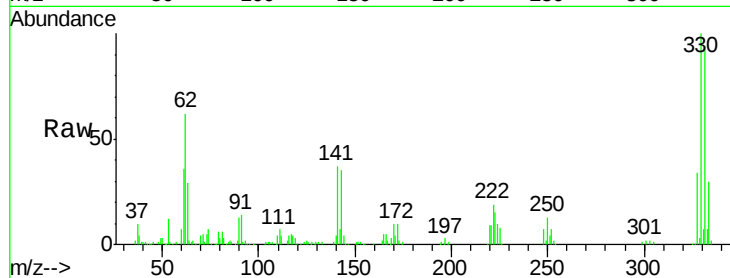




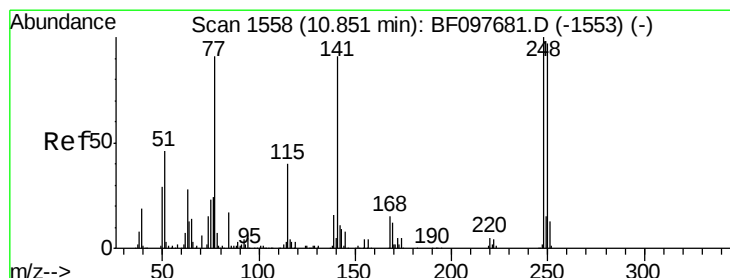
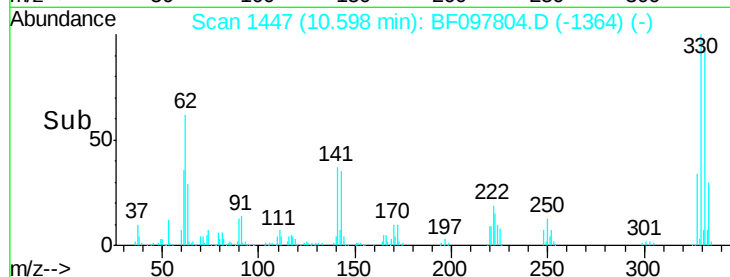
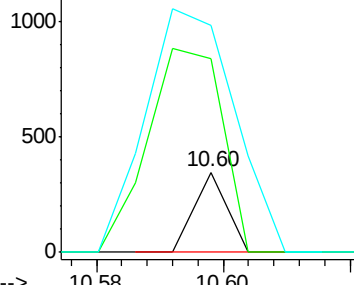
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.40 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.19 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 30-FINES-COMP

Tot Ion	Ratio	Lower	Upper
198	100		
51	243.2	53.2	93.2#
105	284.9	45.8	85.8#

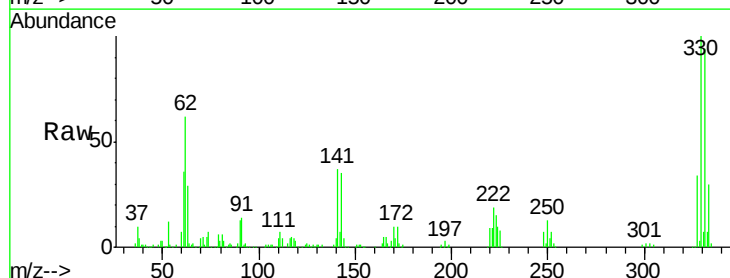


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

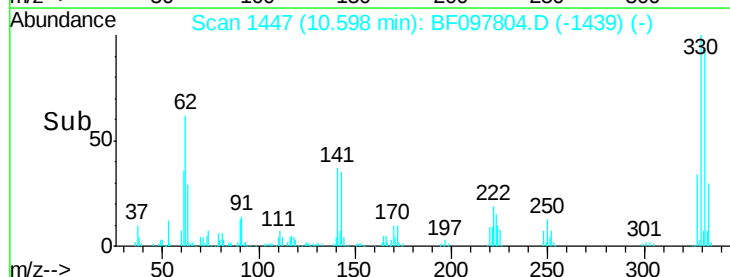
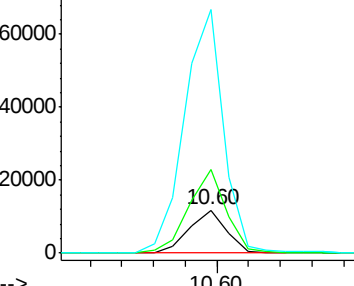


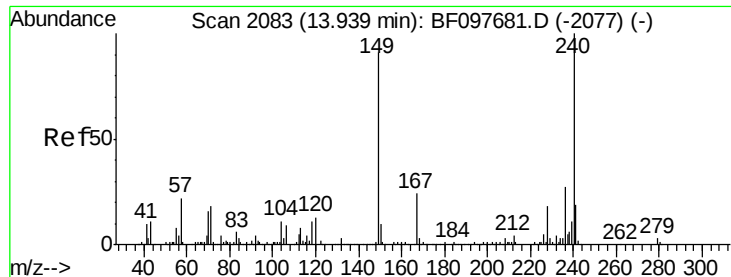
#66
 4-Bromophenyl-phenylether
 Concen: 3.21 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF097804.D
 Acq: 17 Aug 2017 23:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.9	76.8	115.2#
141	564.1	68.6	103.0#



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: 13.93 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

Instrument :

BNA_F

ClientSampleId :

30-FINES-COMP

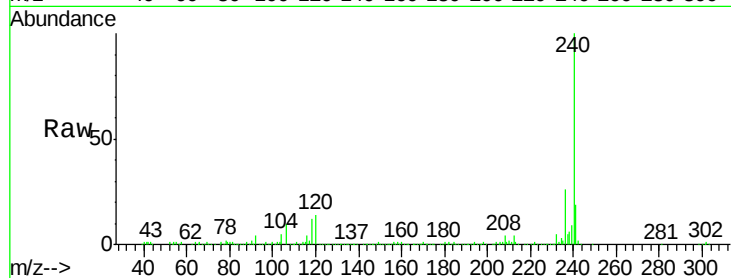
Tot Ion:240 Resp: 288805

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

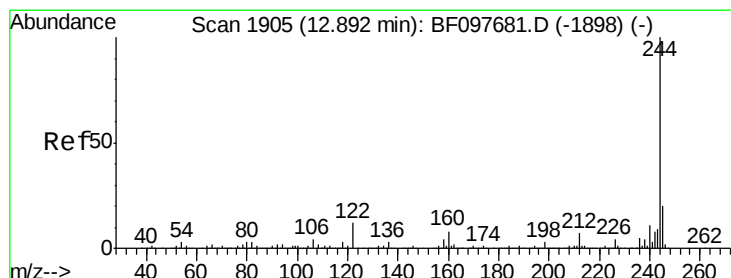
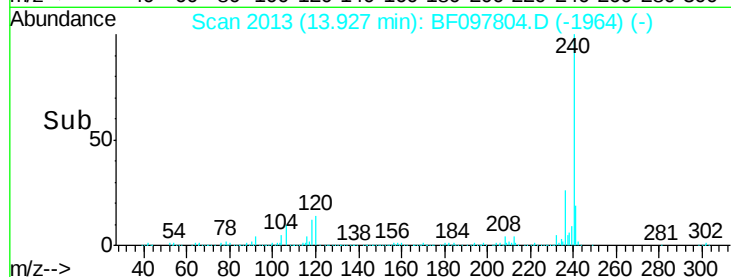
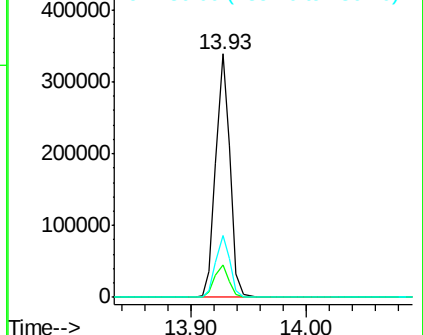
236 25.7 20.5 30.7



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: 47.30 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097804.D

Acq: 17 Aug 2017 23:44

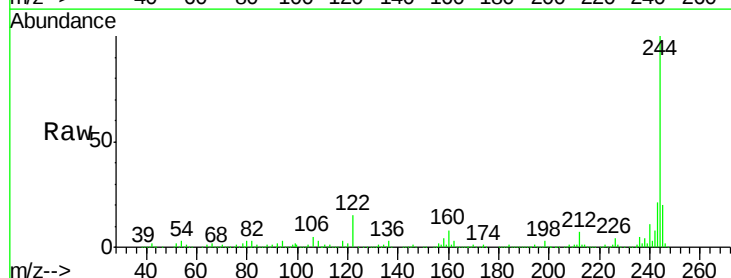
Tgt Ion:244 Resp: 655082

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

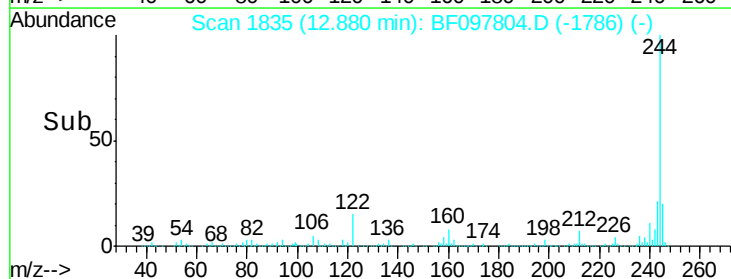
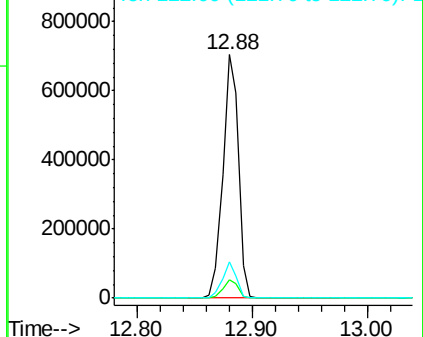
122 14.7 10.3 15.5

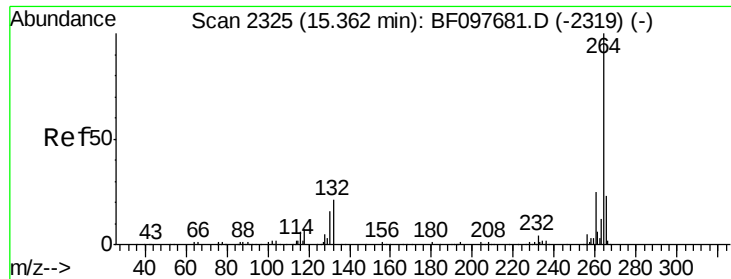


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

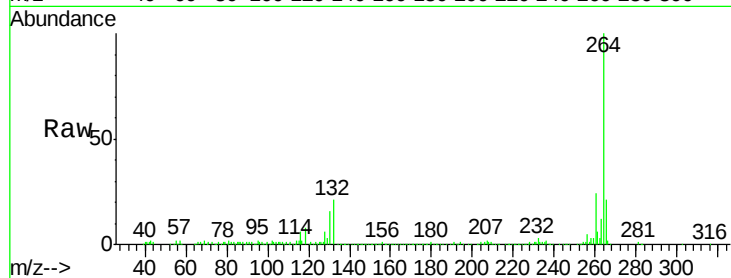




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097804.D
Acq: 17 Aug 2017 23:44

Instrument :
BNA_F
ClientSampleId :
30-FINES-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.0	17.2	25.8



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

