

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097766.D
 Acq On : 17 Aug 2017 4:31
 Operator : SJ/JU
 Sample : I4791-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Aug 17 07:33:44 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

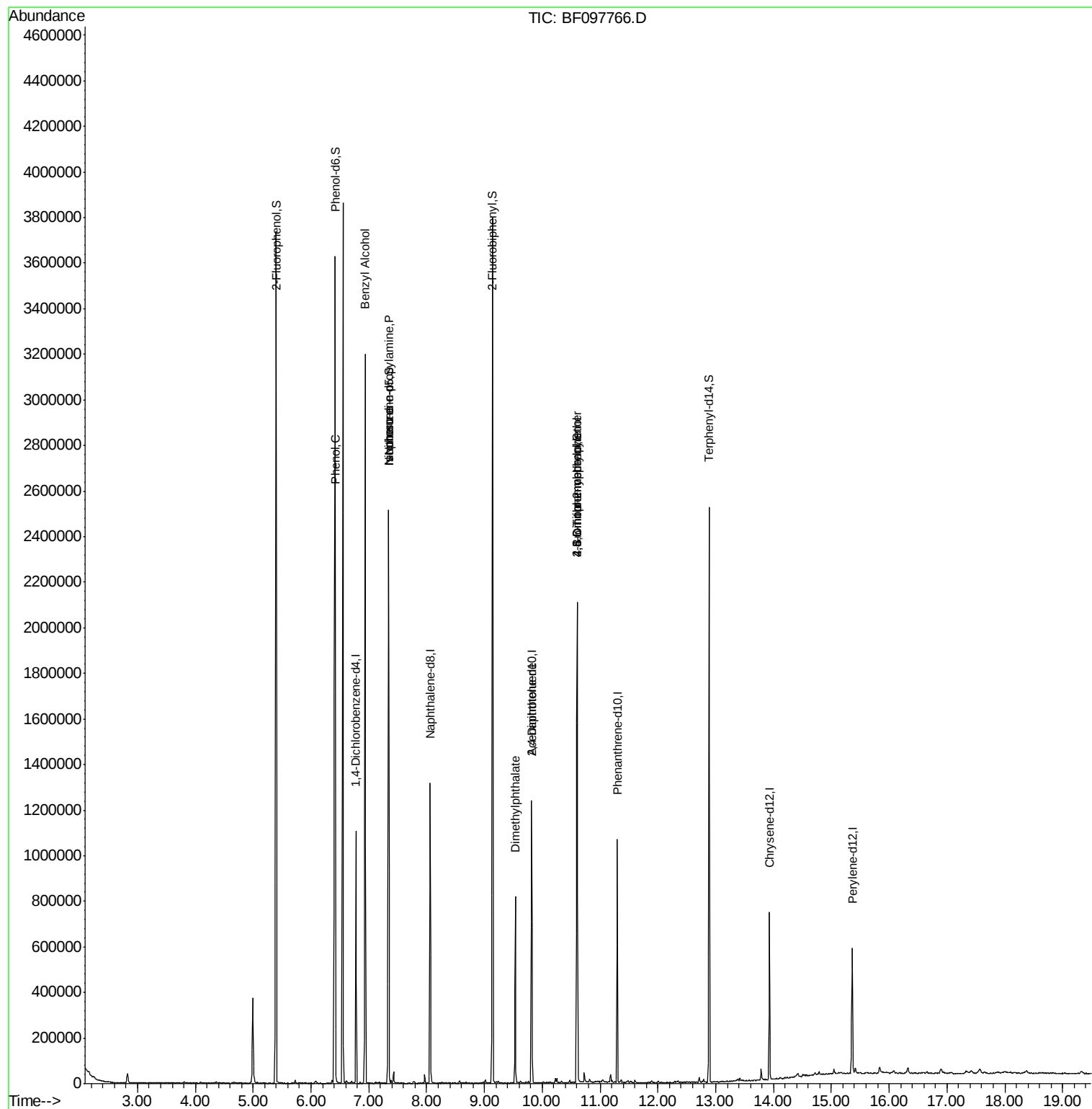
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	131508	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	509652	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212359	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	324805	20.00	ng	0.00
75) Chrysene-d12	13.93	240	251759	20.00	ng	0.00
86) Perylene-d12	15.36	264	224147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1145530	132.50	ng	0.01
7) Phenol-d6	6.42	99	1545878	131.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	931005	99.24	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	230700	125.21	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1289824	89.24	ng	0.00
78) Terphenyl-d14	12.89	244	718918	59.55	ng	0.00
Target Compounds						
10) Phenol	6.43	94	34667	2.52	ng	Qvalue 89
15) Benzyl Alcohol	6.94	79	17691	2.01	ng	# 24
19) n-Nitroso-di-n-propylamine	7.35	70	124866	15.53	ng	# 72
25) Isophorone	7.35	82	928044	47.57	ng	# 67
49) Dimethylphthalate	9.53	163	269472	17.36	ng	99
56) 2,4-Dinitrotoluene	9.82	165	26947	6.93	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	326	8.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	15256	4.52	ng	# 1

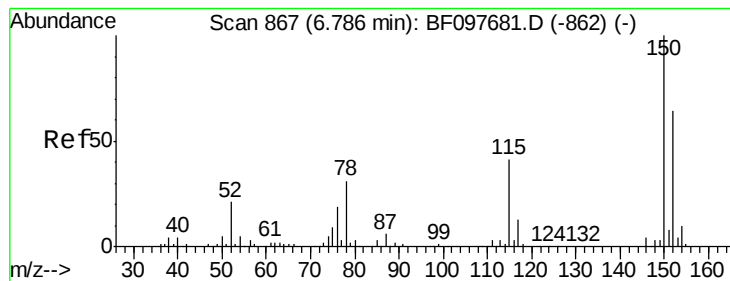
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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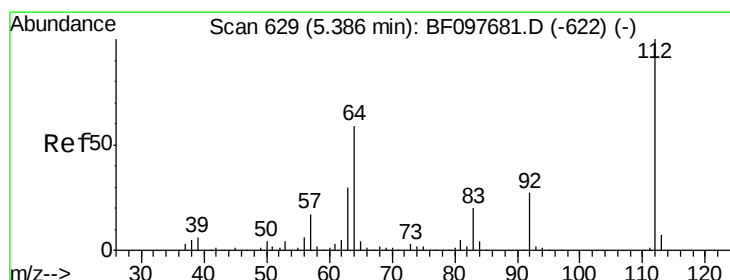
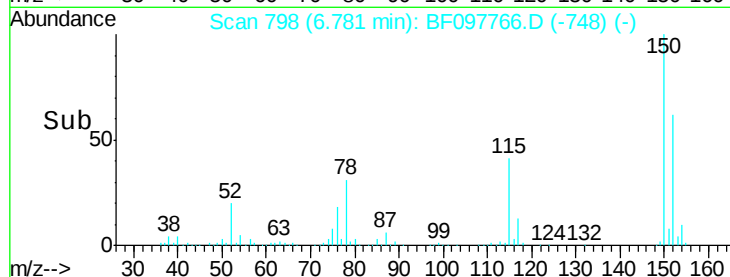
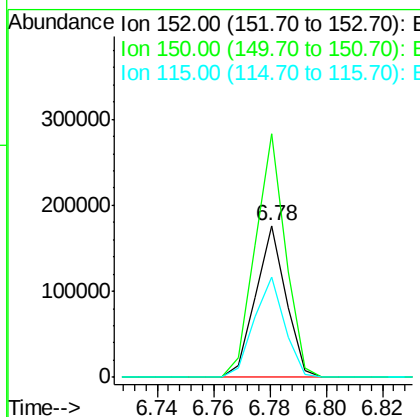
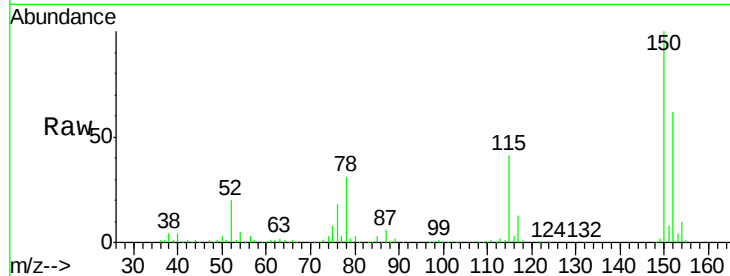




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097766.D
 Acq: 17 Aug 2017 4:31

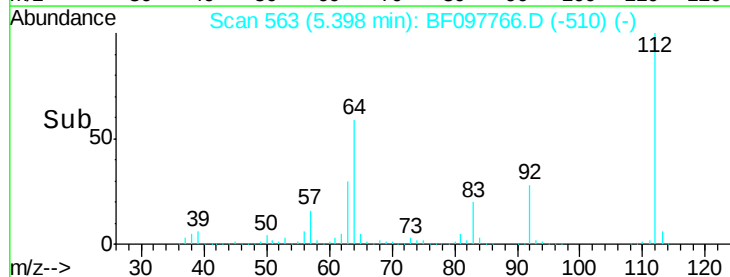
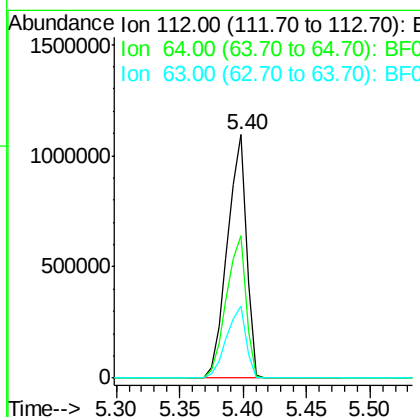
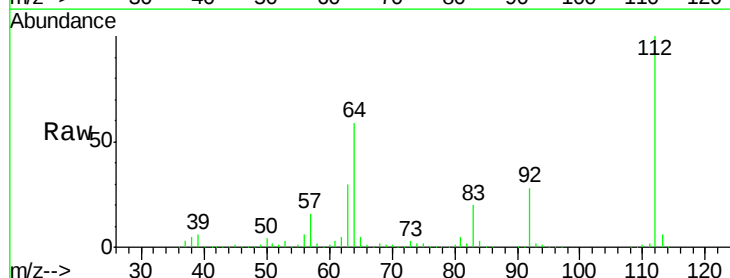
Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

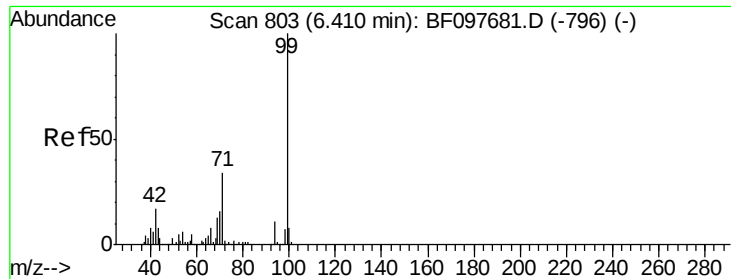
Tot Ion:152 Resp: 131508
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 65.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 132.50 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF097766.D
 Acq: 17 Aug 2017 4:31

Tgt Ion:112 Resp: 1145530
 Ion Ratio Lower Upper
 112 100
 64 58.5 46.0 69.0
 63 29.5 23.4 35.0





#7

Phenol-d6

Concen: 131.60 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

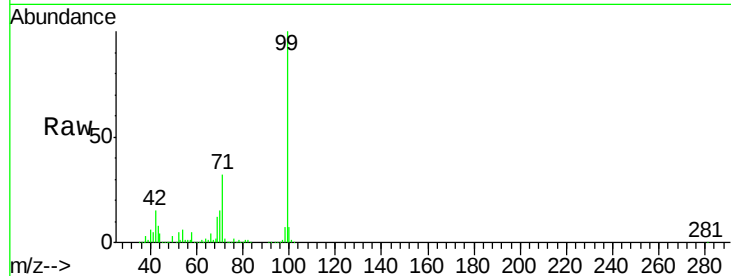
Tot Ion: 99 Resp: 1545878

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

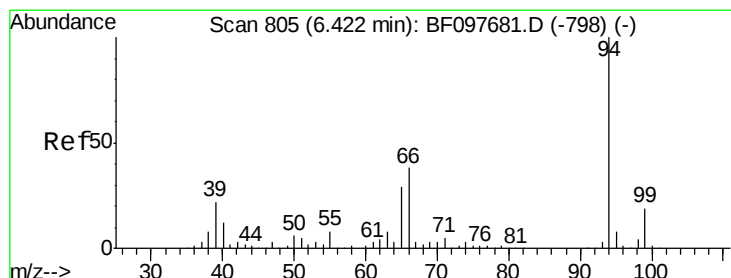
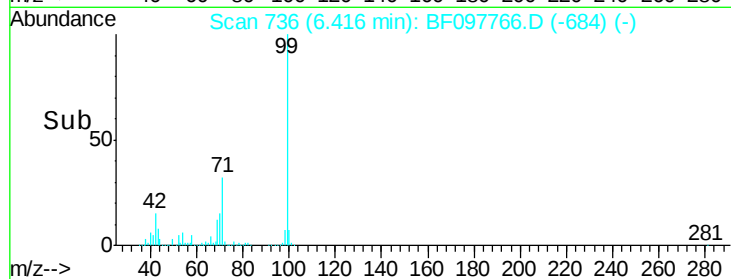
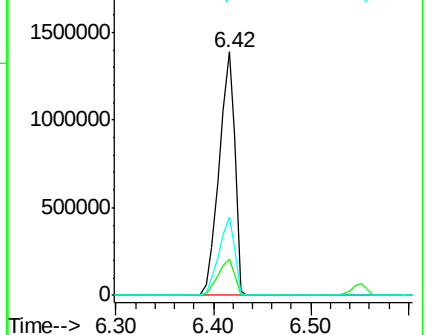
71 32.1 24.5 36.7



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: 2.52 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

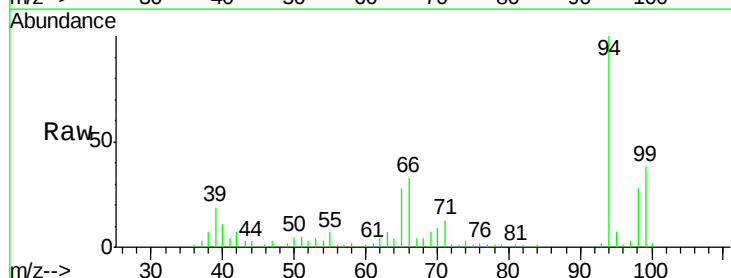
Tgt Ion: 94 Resp: 34667

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

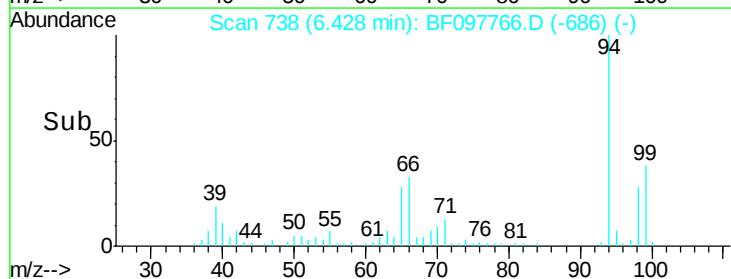
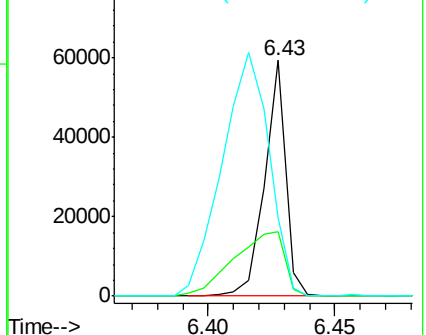
66 33.1 23.1 63.1

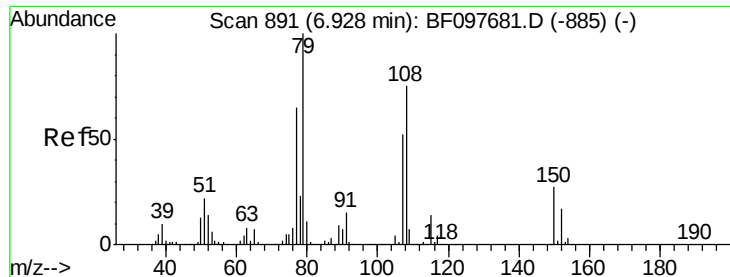


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

Instrument :

BNA_F

ClientSampled :

SB-19-COMP

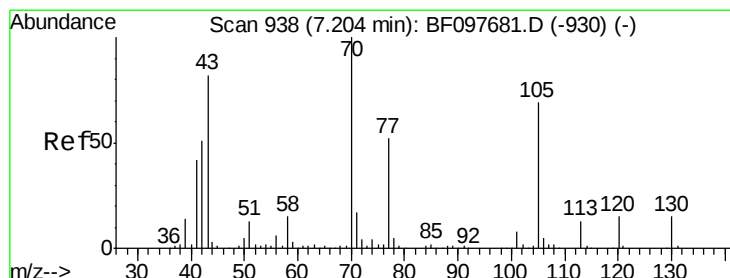
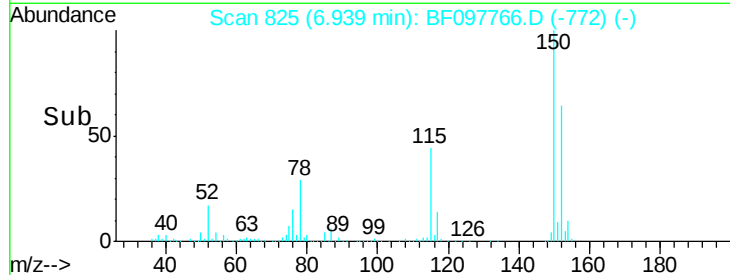
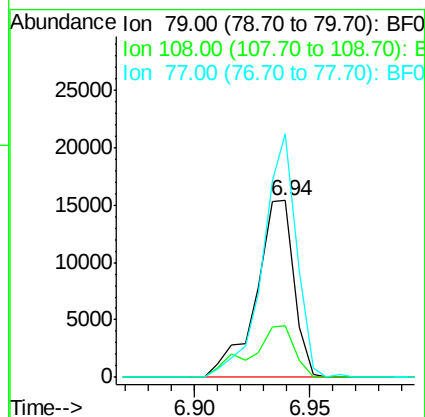
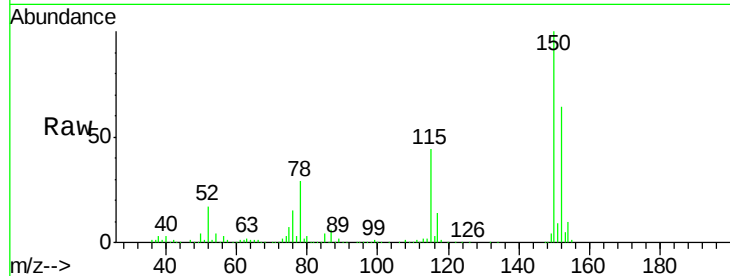
Tot Ion: 79 Resp: 17691

Ion Ratio Lower Upper

79 100

108 29.1 63.4 95.0#

77 137.9 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.53 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

Tgt Ion: 70 Resp: 124866

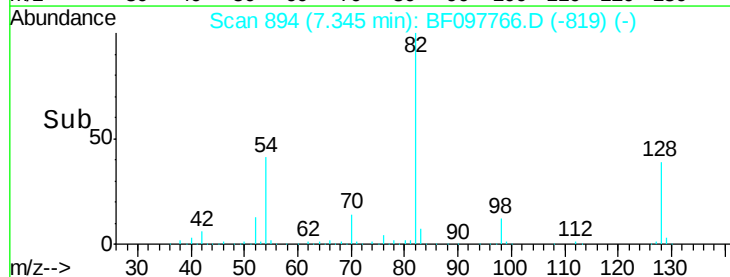
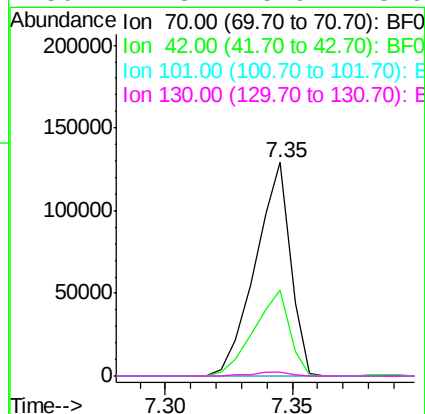
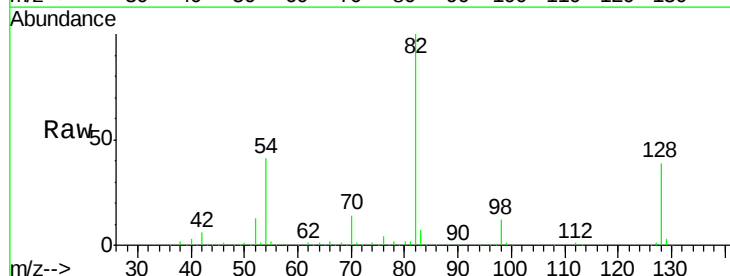
Ion Ratio Lower Upper

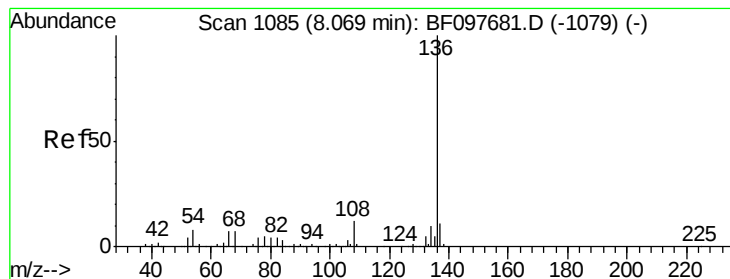
70 100

42 40.2 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# 1016

Delta R.T. -0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

Tot Ion:136 Resp: 509652

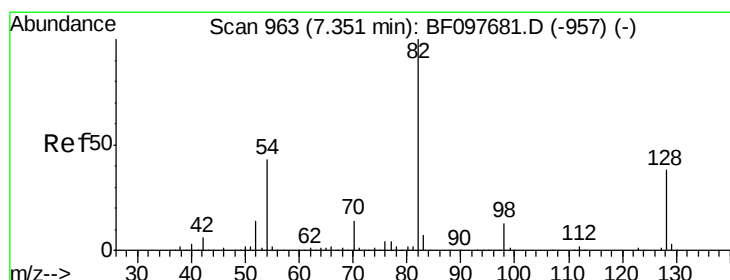
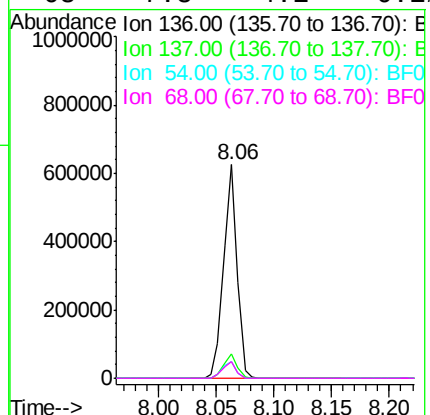
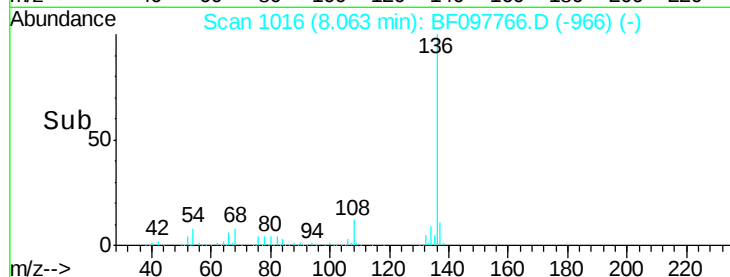
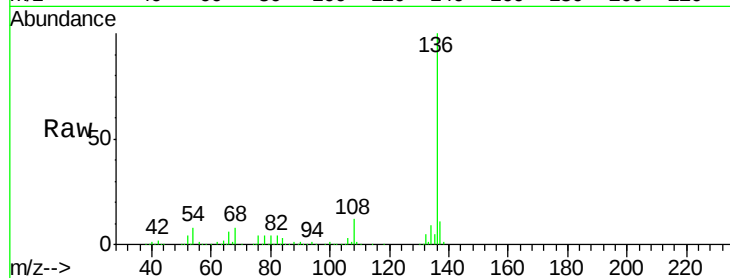
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.6 4.9 7.3#

68 7.8 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 99.24 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

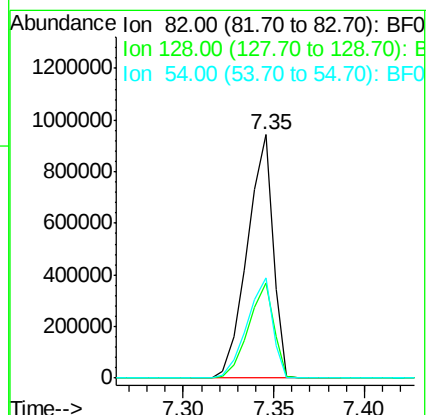
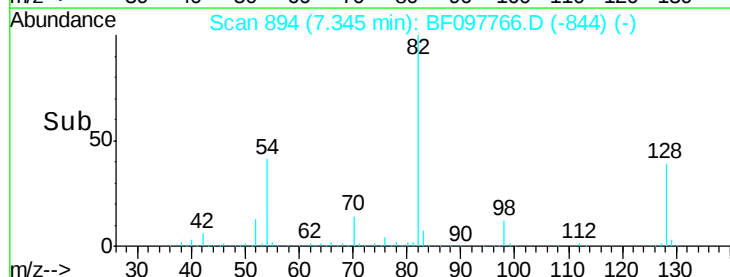
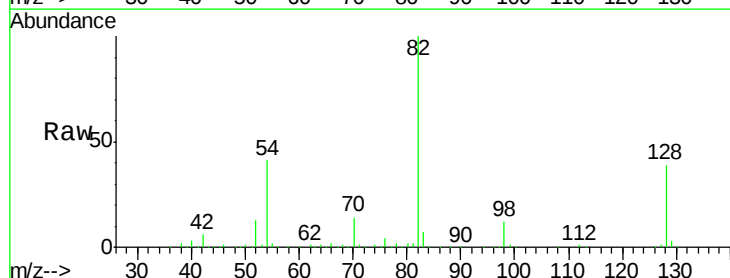
Tgt Ion: 82 Resp: 931005

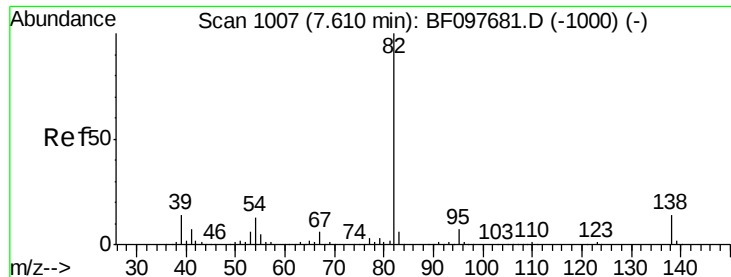
Ion Ratio Lower Upper

82 100

128 39.0 34.0 51.0

54 41.0 42.2 63.2#





#25

Isophorone

Concen: 47.57 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

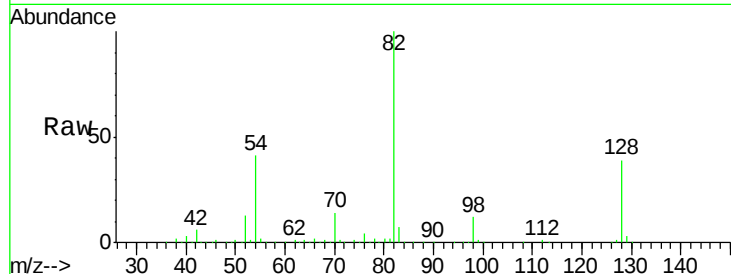
Tot Ion: 82 Resp: 928044

Ion Ratio Lower Upper

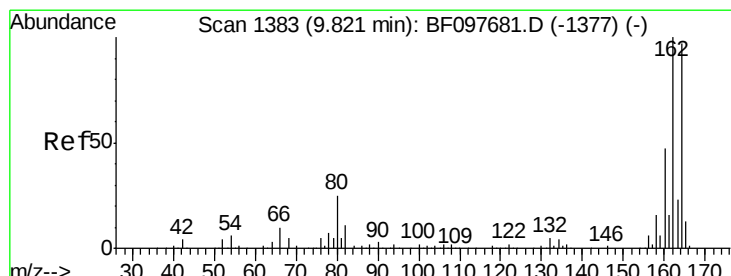
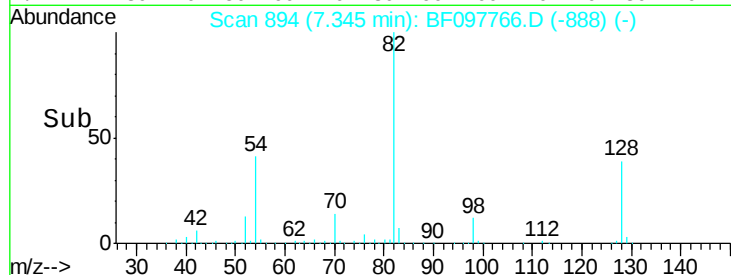
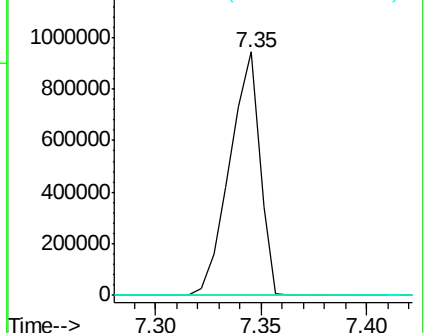
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

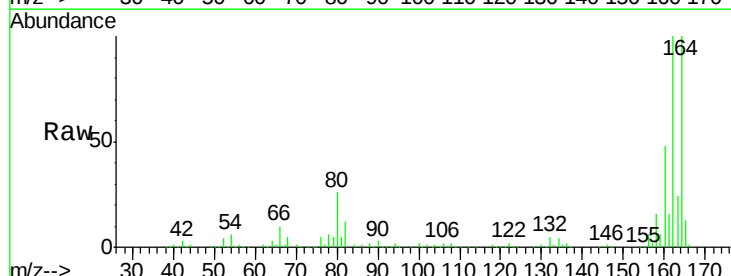
Tgt Ion:164 Resp: 212359

Ion Ratio Lower Upper

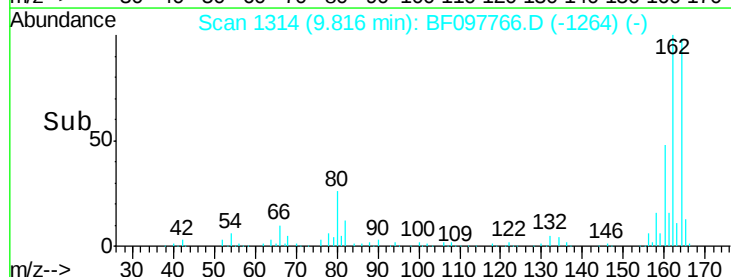
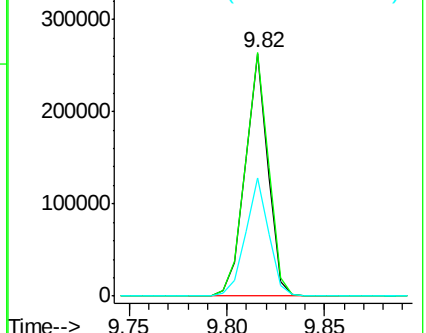
164 100

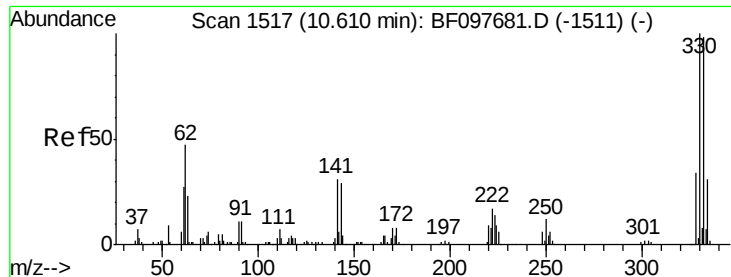
162 100.3 82.6 123.8

160 48.6 36.2 54.2



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

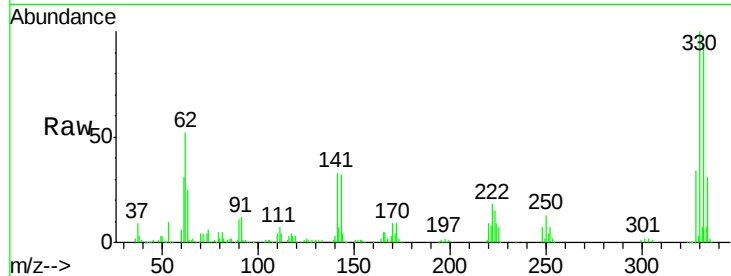




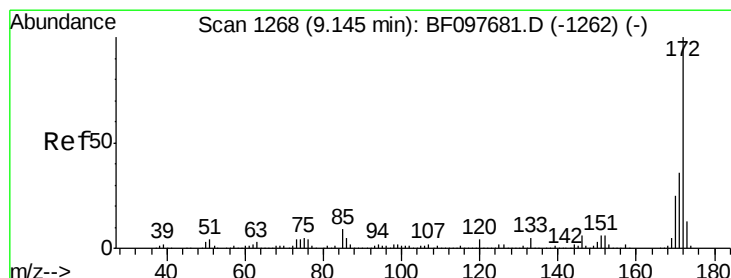
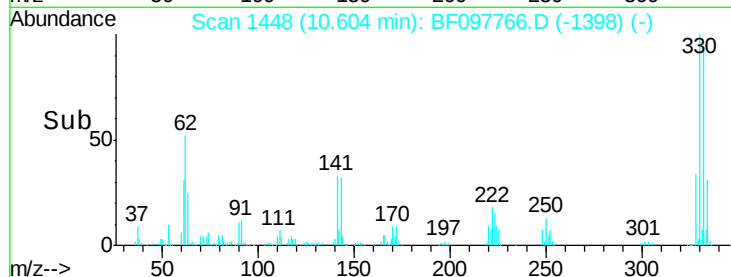
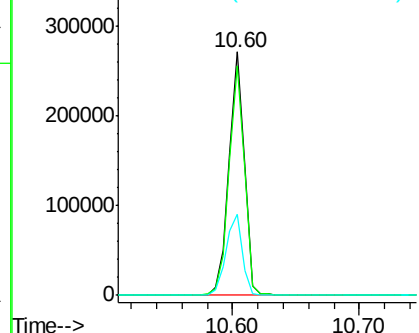
#41
 2,4,6-Tribromophenol
 Concen: 125.21 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097766.D
 Acq: 17 Aug 2017 4:31

Instrument :
 BNA_F
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 SB-19-COMP

Tot Ion:330 Resp: 230700
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 36.1 31.4 47.2

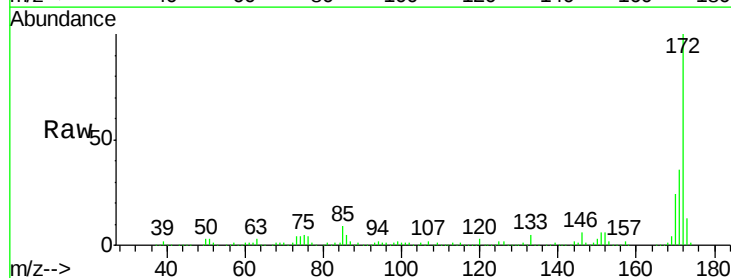


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

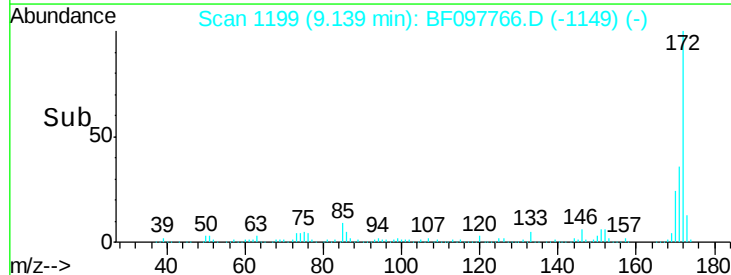
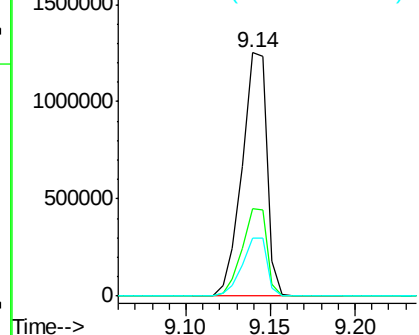


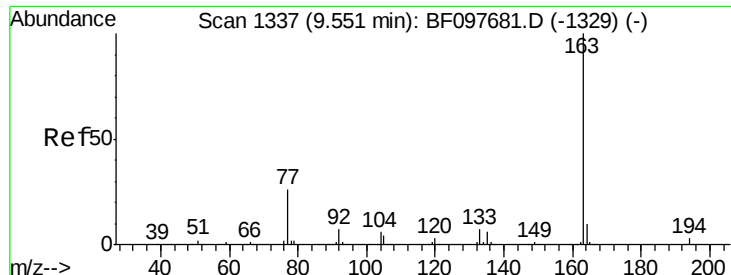
#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097766.D
 Acq: 17 Aug 2017 4:31

Tgt Ion:172 Resp: 1289824
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 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

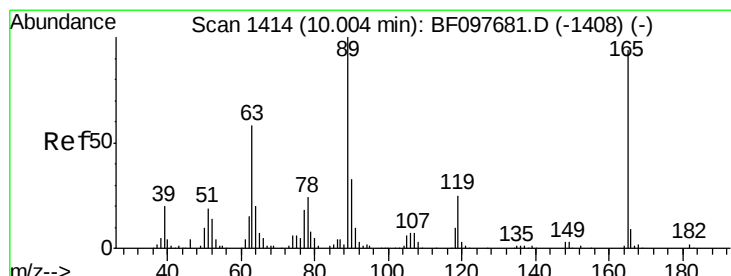
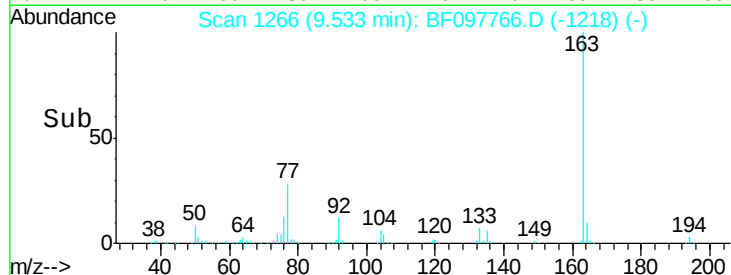
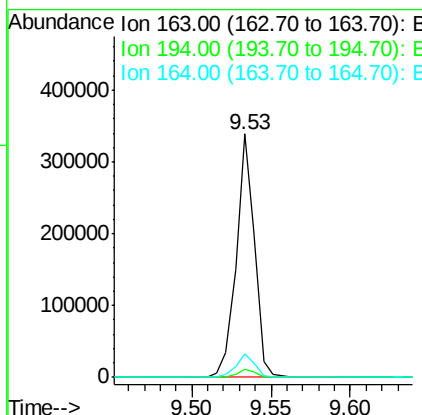
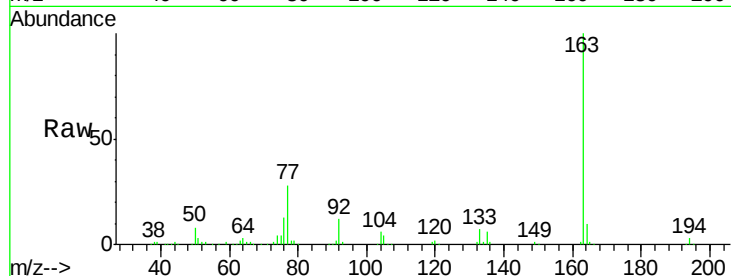




#49
Dimethylphthalate
Concen: 17.36 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097766.D
Acq: 17 Aug 2017 4:31

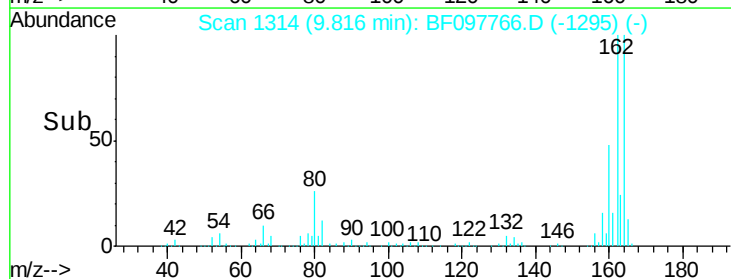
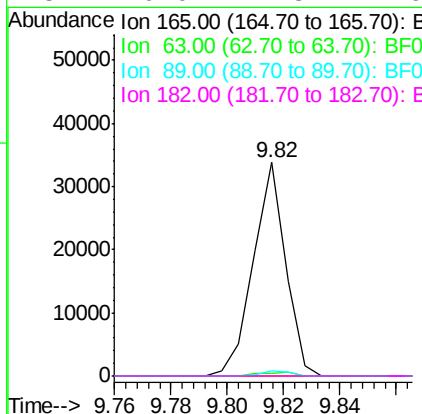
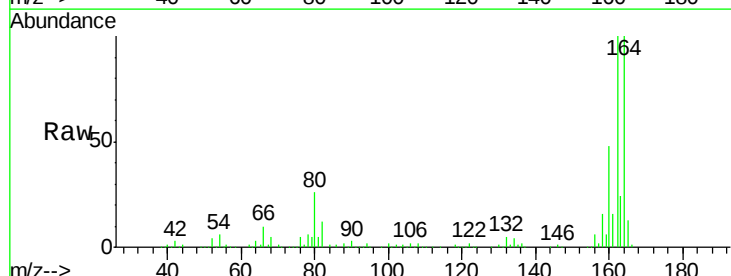
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

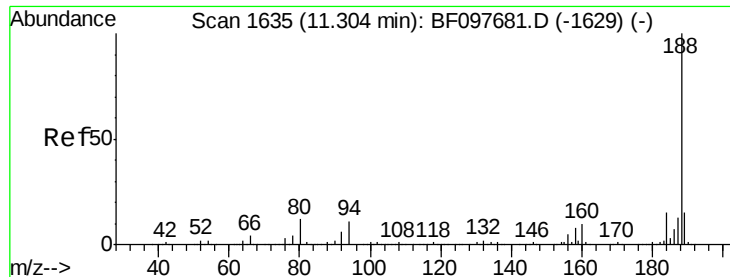
Tot Ion:163 Resp: 269472
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097766.D
Acq: 17 Aug 2017 4:31

Tgt Ion:165 Resp: 26947
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 2.1 46.4 69.6#
182 0.0 1.8 2.6#

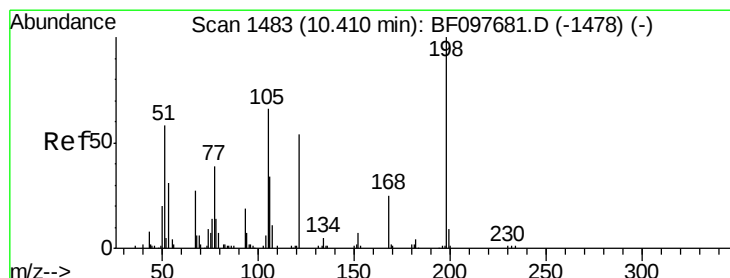
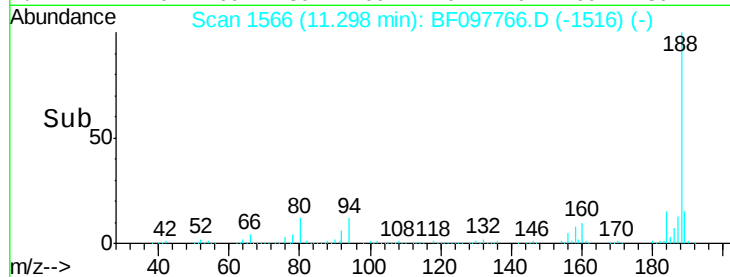
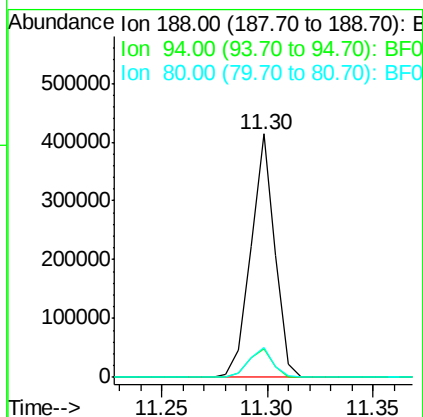
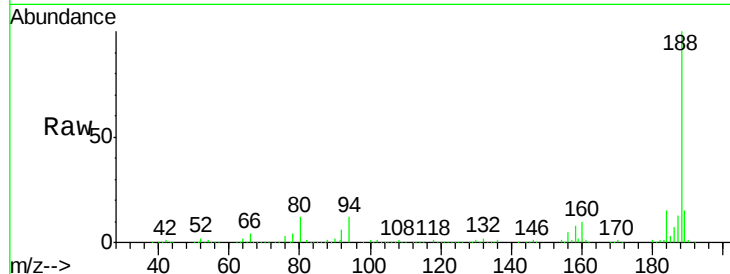




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097766.D
Acq: 17 Aug 2017 4:31

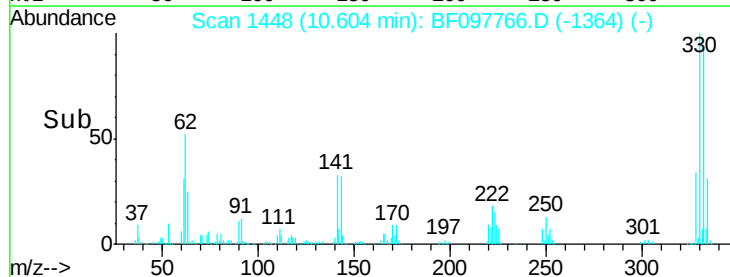
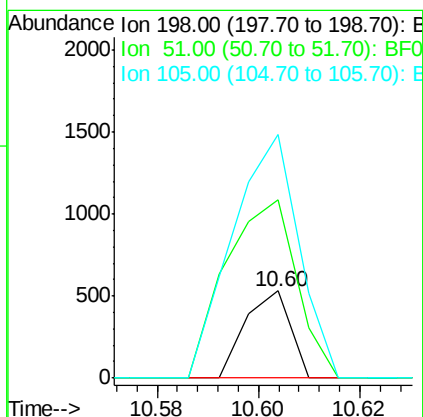
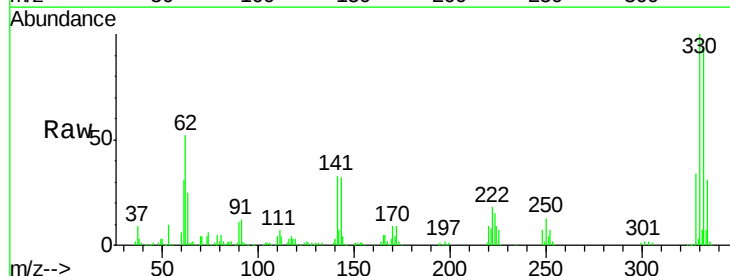
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

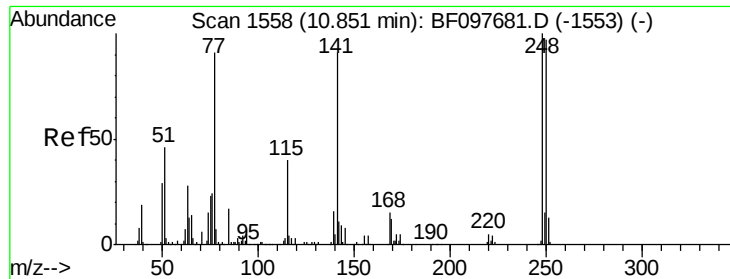
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.5	10.2	15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097766.D
Acq: 17 Aug 2017 4:31

Tgt Ion	Ratio	Lower	Upper
198	100		
51	204.5	53.2	93.2#
105	280.0	45.8	85.8#

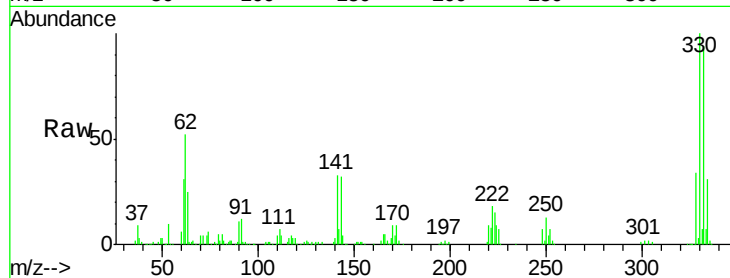




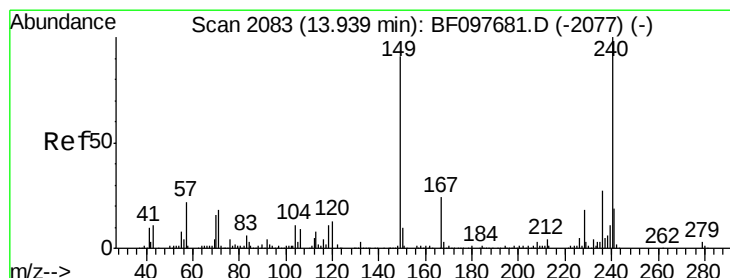
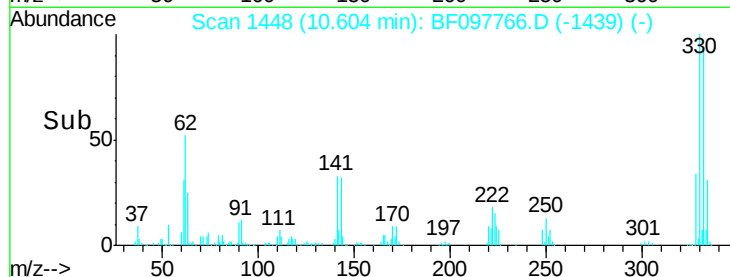
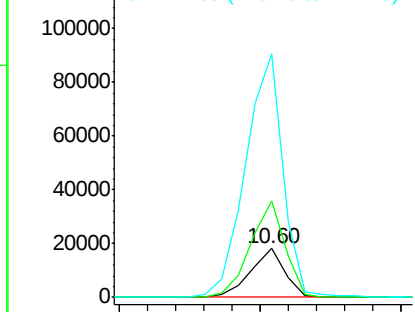
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097766.D
Acq: 17 Aug 2017 4:31

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tot Ion:248 Resp: 15256
Ion Ratio Lower Upper
248 100
250 196.4 76.8 115.2#
141 498.7 68.6 103.0#

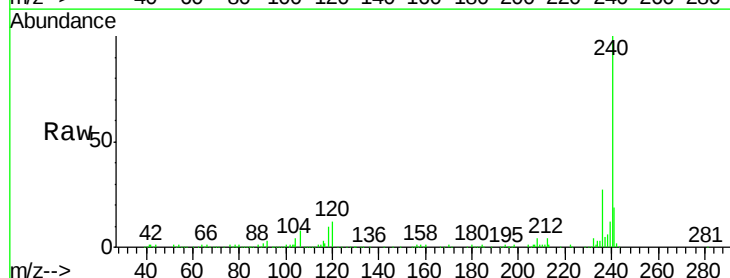


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

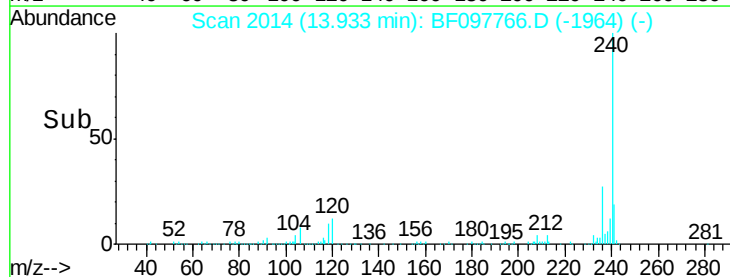
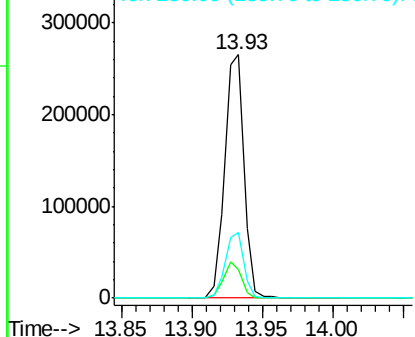


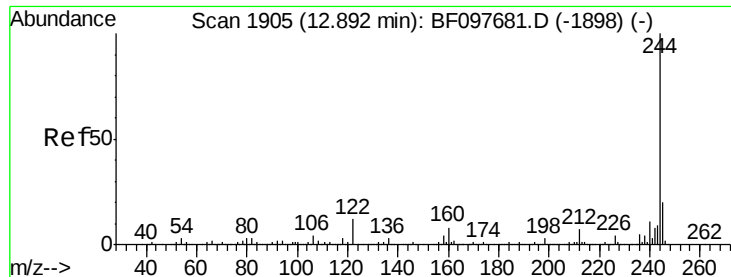
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097766.D
Acq: 17 Aug 2017 4:31

Tgt Ion:240 Resp: 251759
Ion Ratio Lower Upper
240 100
120 12.0 5.8 8.8#
236 26.8 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: 59.55 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

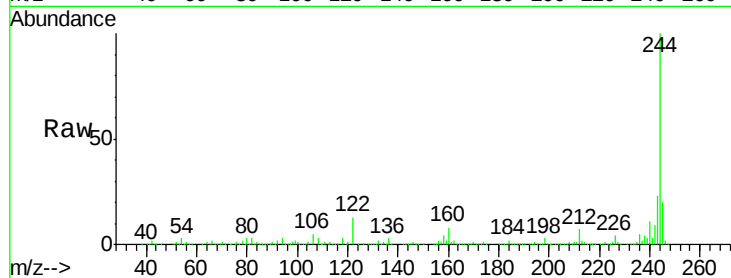
Tot Ion:244 Resp: 718918

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

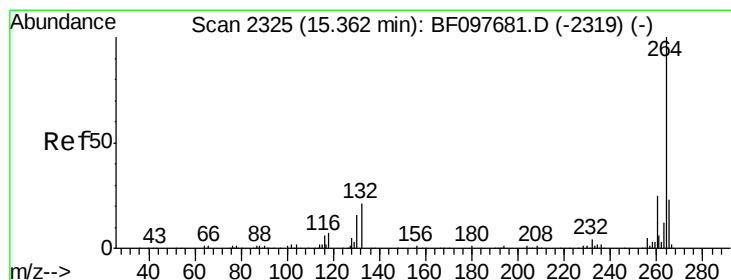
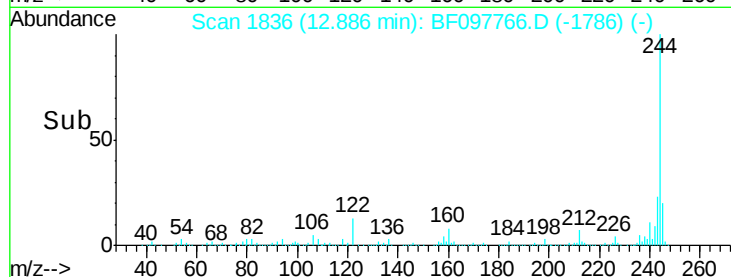
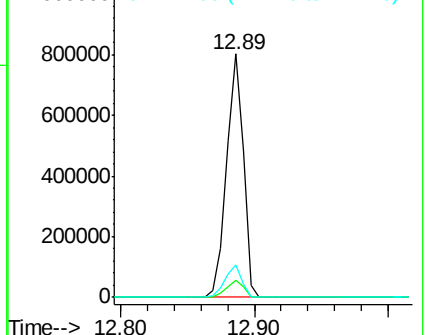
122 13.4 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097766.D

Acq: 17 Aug 2017 4:31

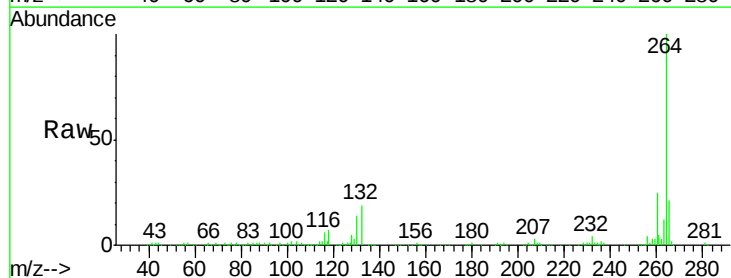
Tgt Ion:264 Resp: 224147

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.1 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

