

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097770.D
 Acq On : 17 Aug 2017 6:23
 Operator : SJ/JU
 Sample : I4792-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Aug 17 07:34:50 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

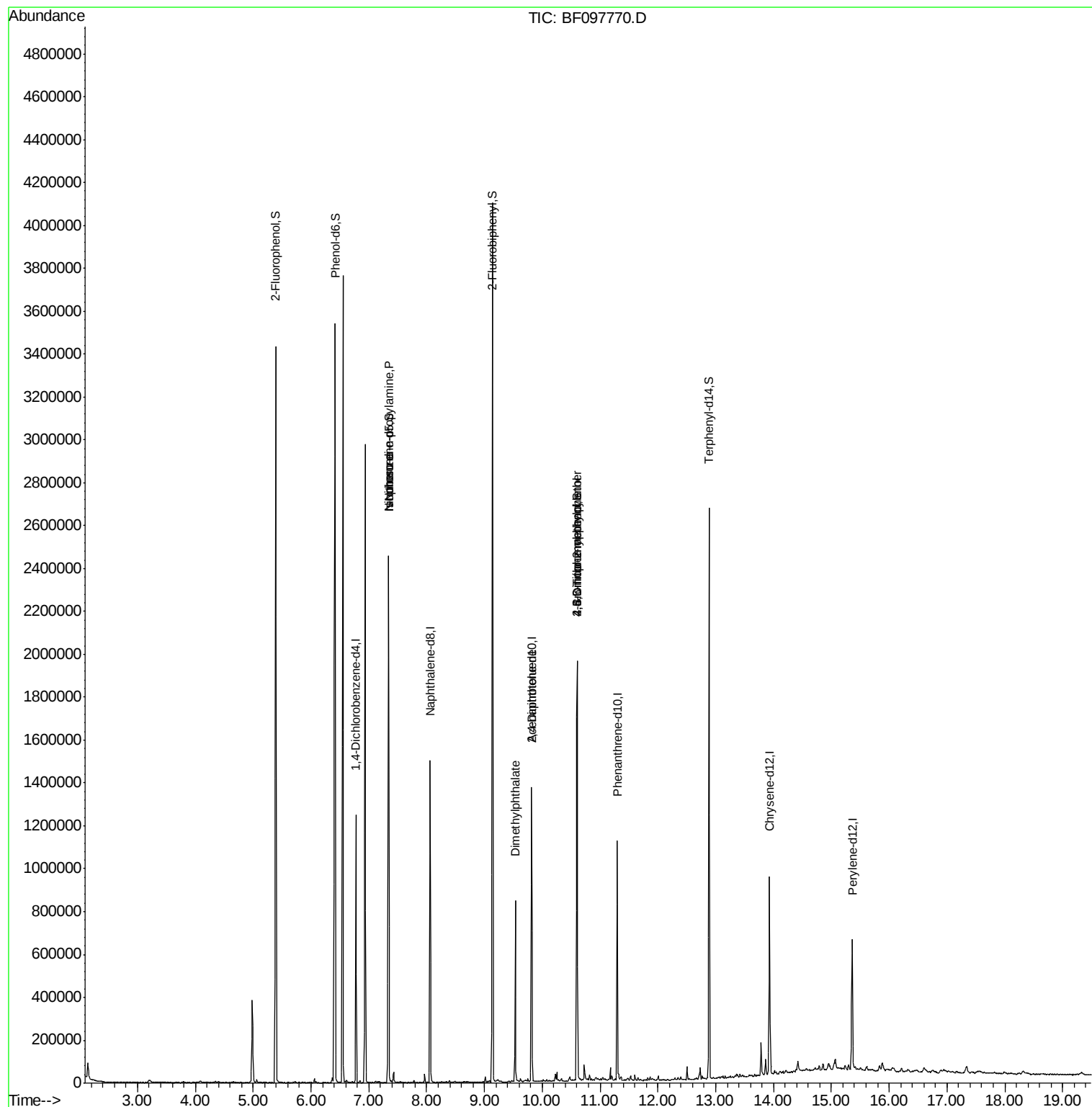
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156882	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	593277	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	242763	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	364446	20.00	ng	0.00
75) Chrysene-d12	13.93	240	289840	20.00	ng	0.00
86) Perylene-d12	15.36	264	260894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1053085	102.10	ng	0.00
7) Phenol-d6	6.42	99	1473913	105.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	916009	83.88	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	219128	104.03	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1326411	80.27	ng	0.00
78) Terphenyl-d14	12.89	244	744597	53.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	122455	12.76	ng	# 71
25) Isophorone	7.35	82	913176	40.21	ng	# 67
49) Dimethylphthalate	9.53	163	276708	15.59	ng	100
56) 2,4-Dinitrotoluene	9.82	165	31007	6.98	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	402	8.51	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	14428	3.81	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: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

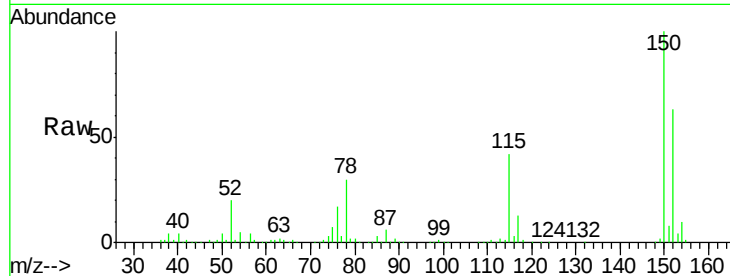
Tot Ion:152 Resp: 156882

Ion Ratio Lower Upper

152 100

150 159.7 126.2 189.2

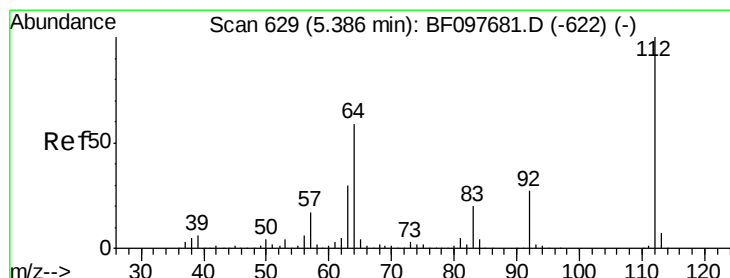
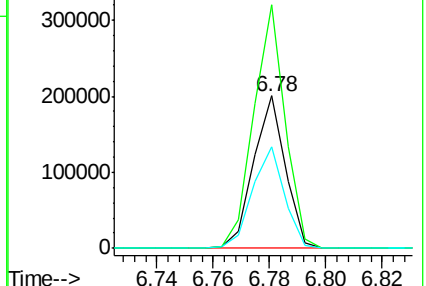
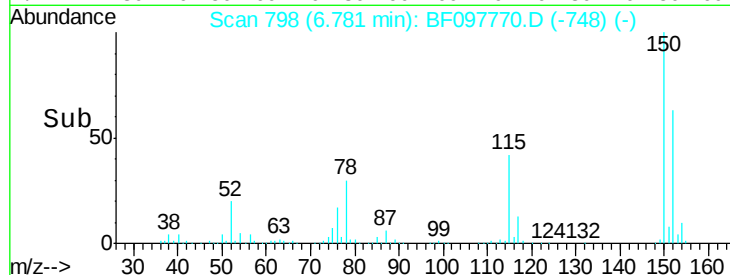
115 66.3 52.2 78.2



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: 102.10 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

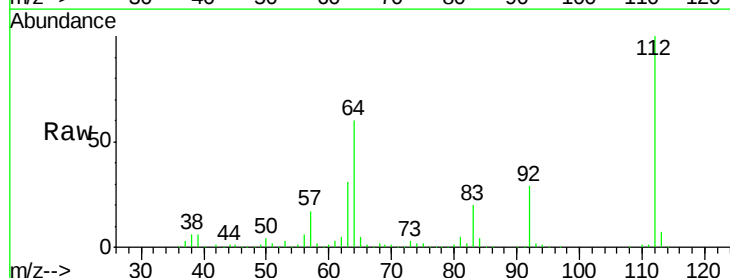
Tgt Ion:112 Resp: 1053085

Ion Ratio Lower Upper

112 100

64 60.0 46.0 69.0

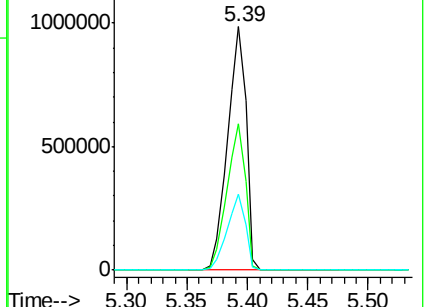
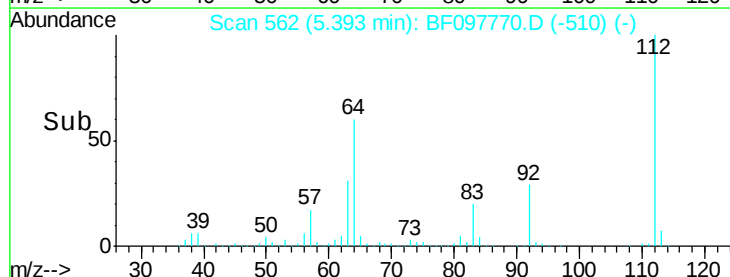
63 30.9 23.4 35.0

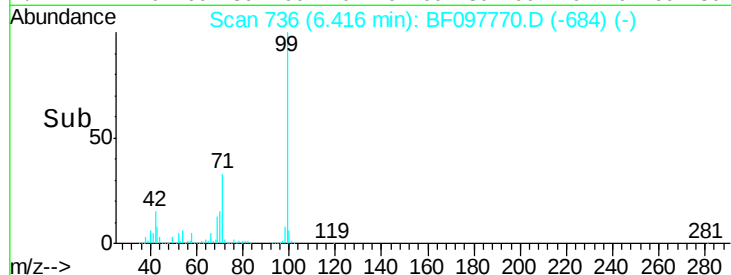
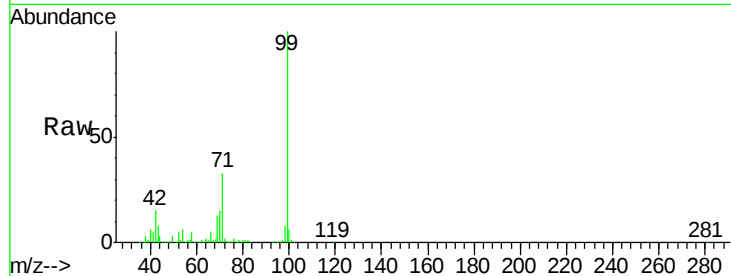
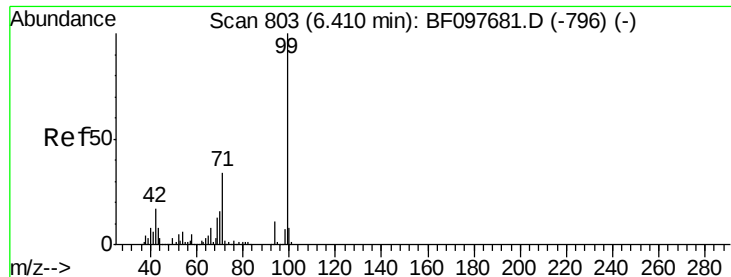


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.18 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

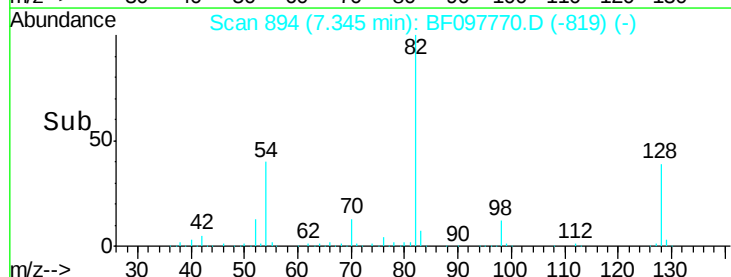
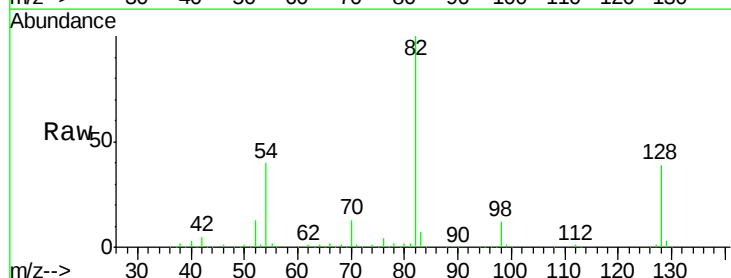
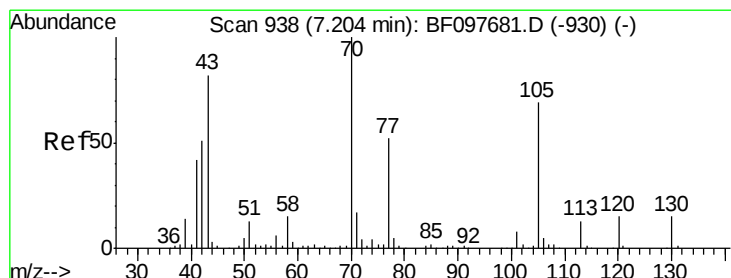
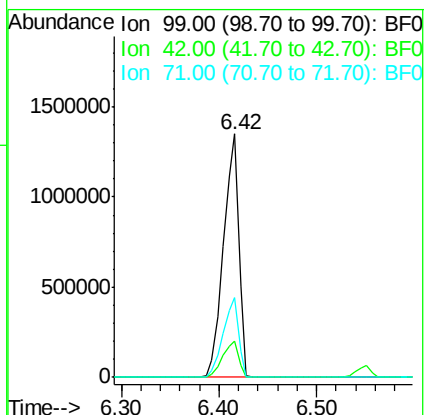
Tot Ion: 99 Resp: 1473913

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

71 32.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.76 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Tgt Ion: 70 Resp: 122455

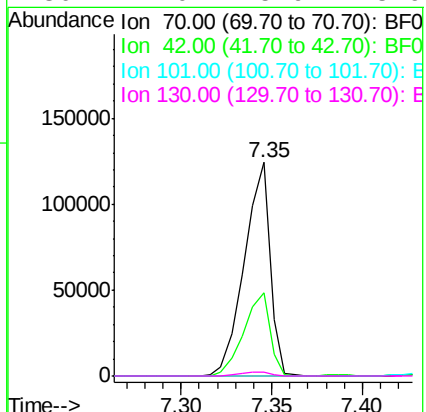
Ion Ratio Lower Upper

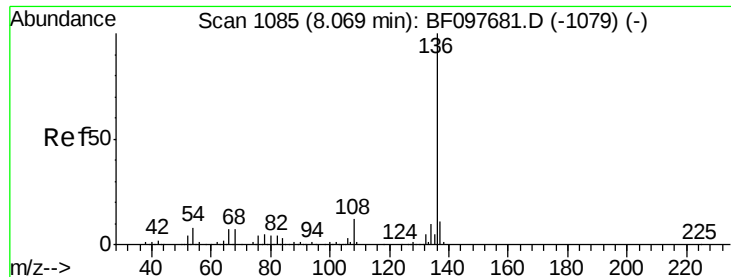
70 100

42 38.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 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: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion:136 Resp: 593277

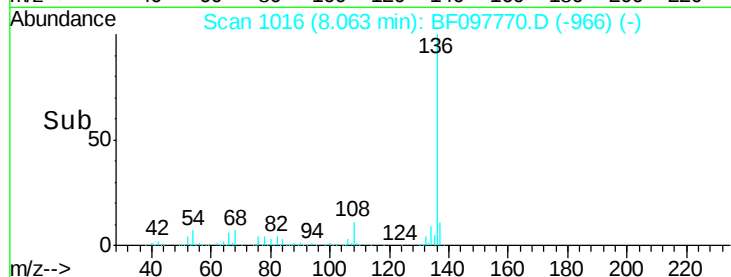
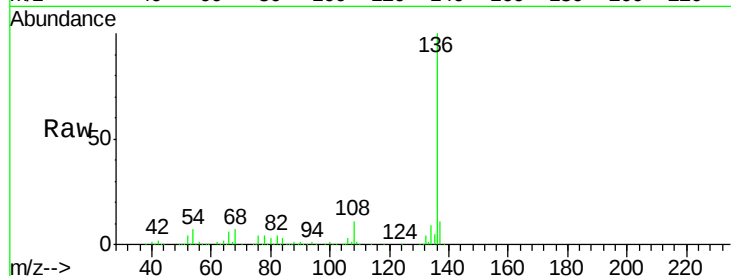
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 7.0 4.1 6.1#

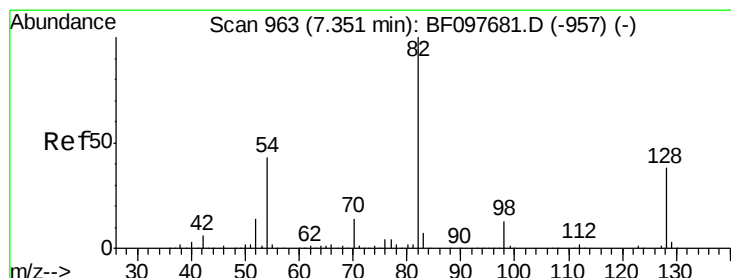
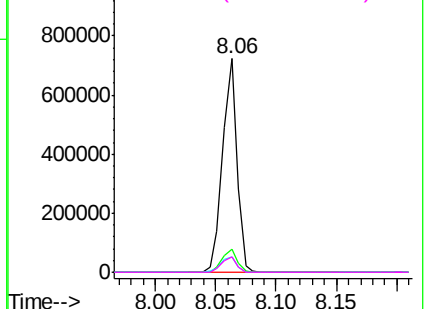


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.88 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

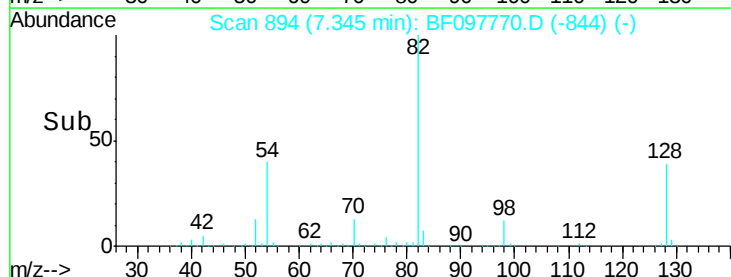
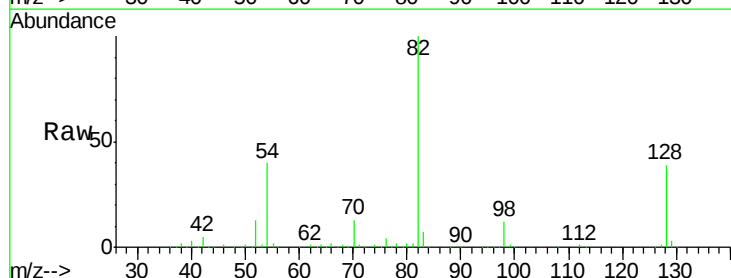
Tgt Ion: 82 Resp: 916009

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

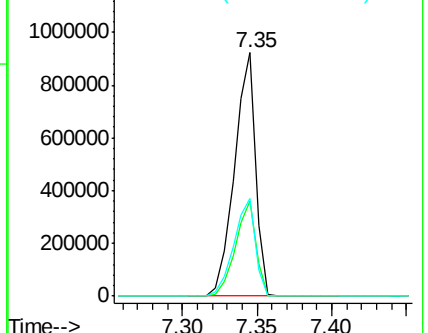
54 40.3 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.21 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

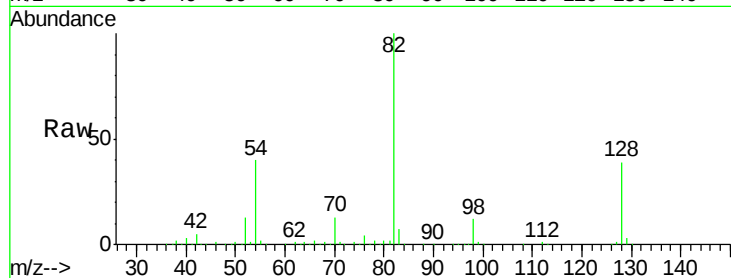
Tot Ion: 82 Resp: 913176

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

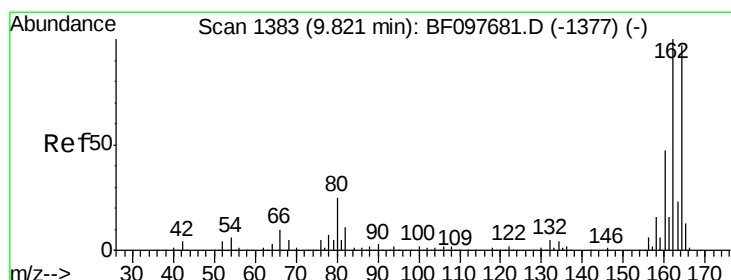
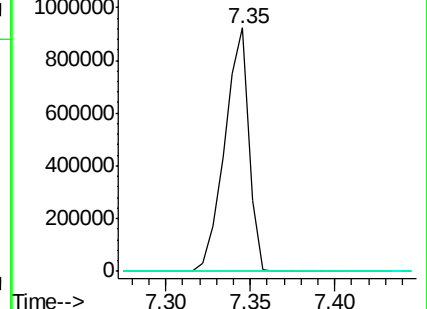
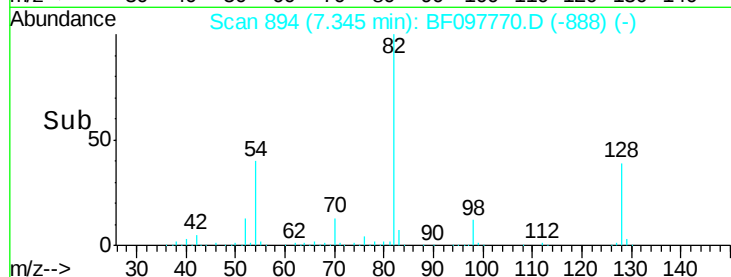
138 0.0 13.1 19.7#



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: BF097770.D

Acq: 17 Aug 2017 6:23

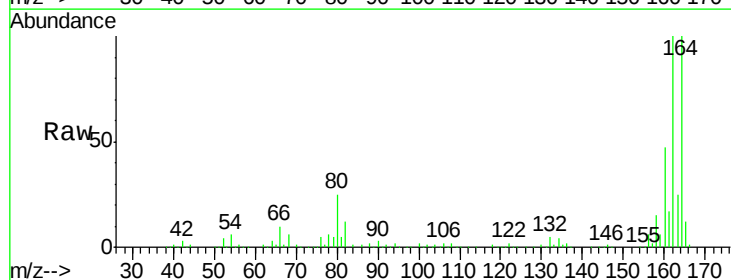
Tgt Ion:164 Resp: 242763

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

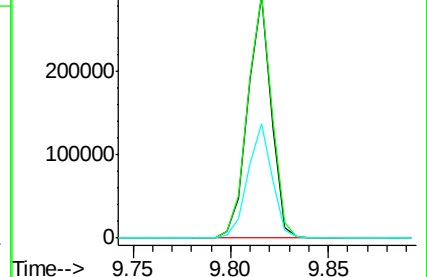
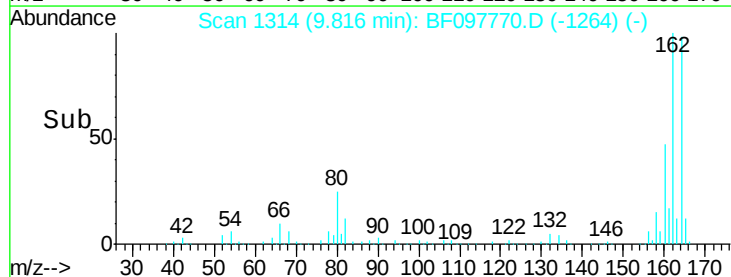
160 47.1 36.2 54.2

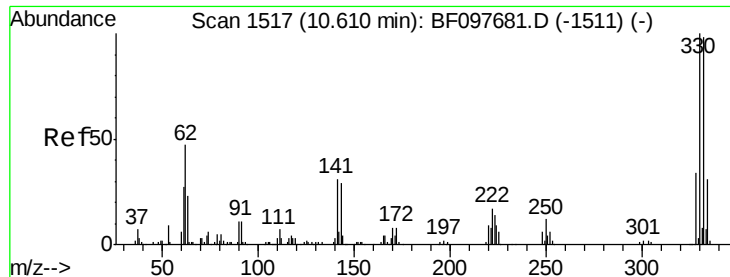


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

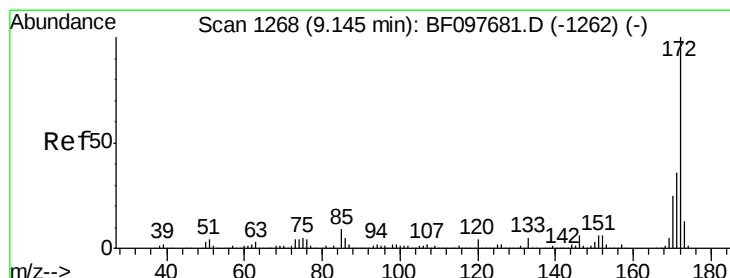
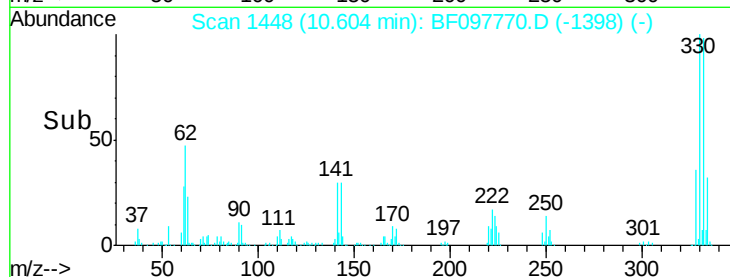
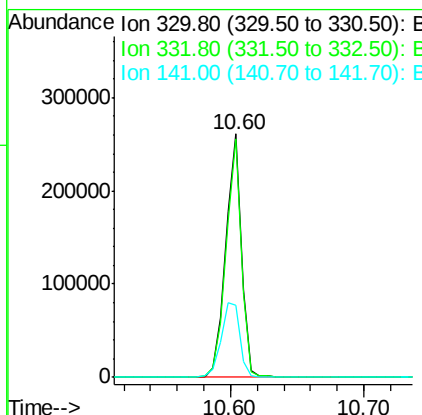
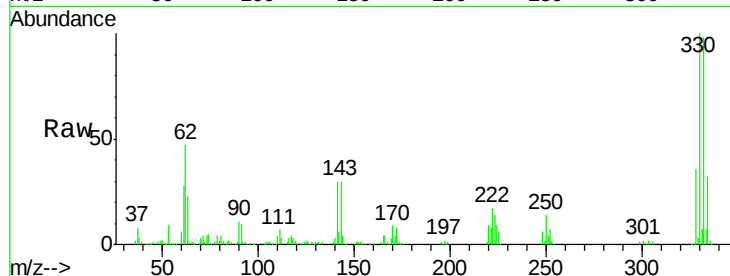




#41
 2,4,6-Tribromophenol
 Concen: 104.03 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097770.D
 Acq: 17 Aug 2017 6:23

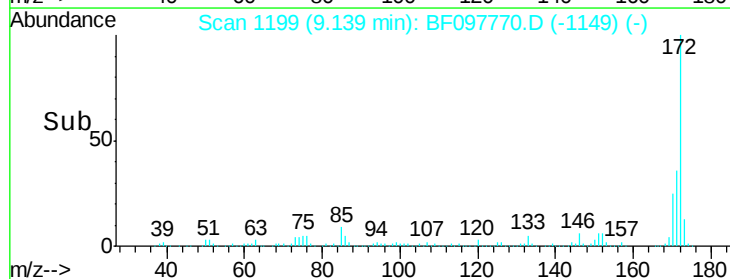
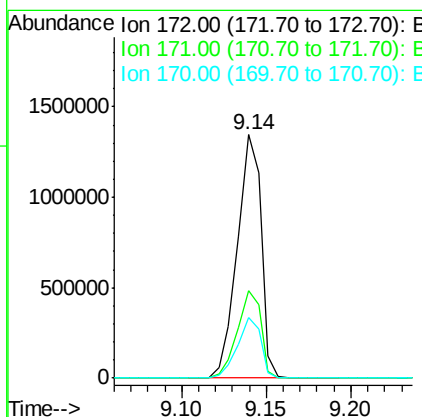
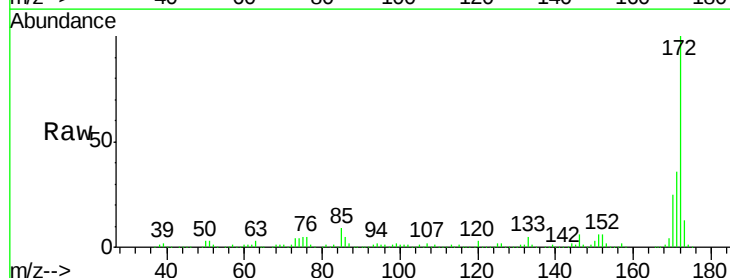
Instrument :
 BNA_F
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 SB-02-COMP

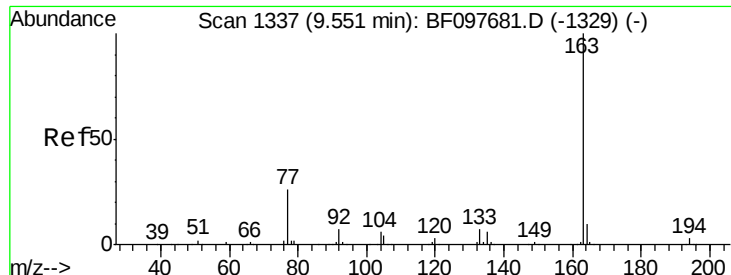
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	36.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.27 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097770.D
 Acq: 17 Aug 2017 6:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.8	19.8	29.8

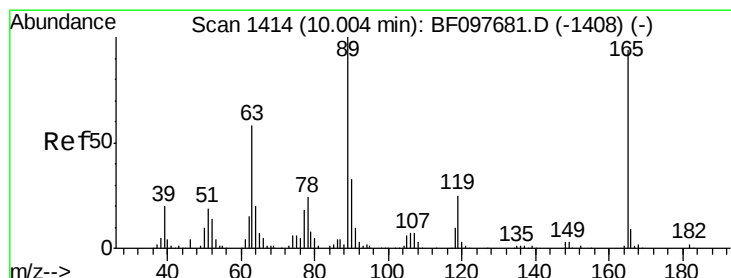
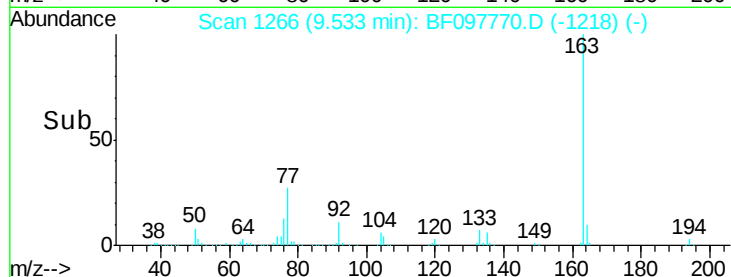
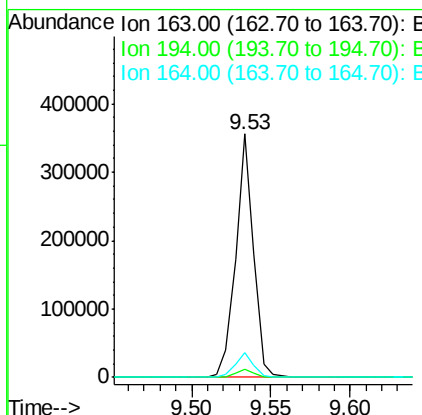
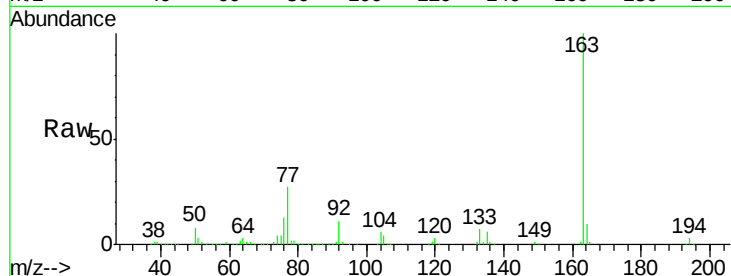




#49
Dimethylphthalate
Concen: 15.59 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097770.D
Acq: 17 Aug 2017 6:23

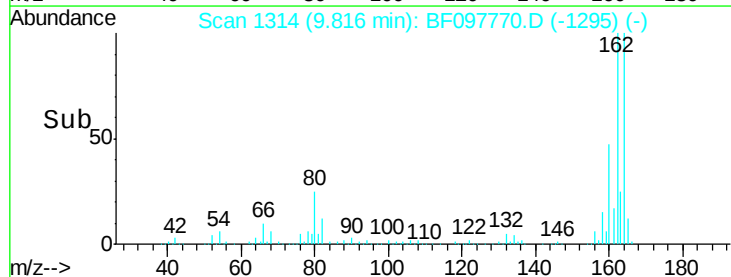
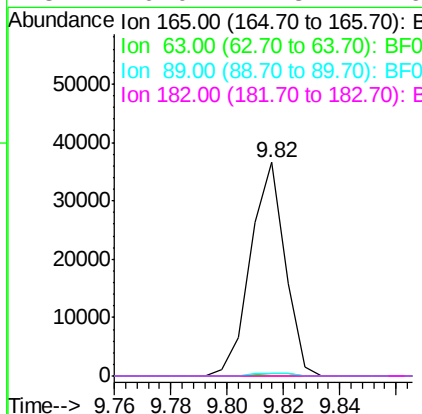
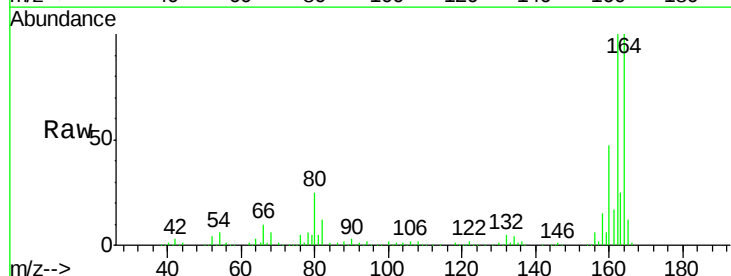
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

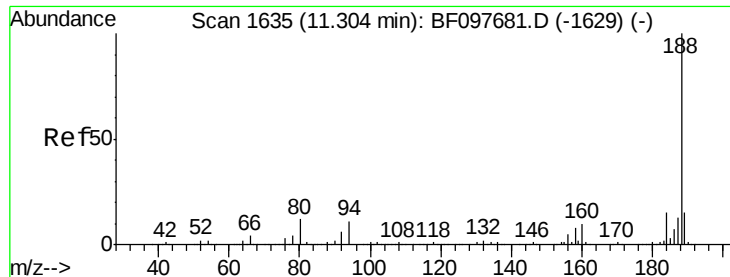
Tot Ion:163 Resp: 276708
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097770.D
Acq: 17 Aug 2017 6:23

Tgt Ion:165 Resp: 31007
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.4 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: BF097770.D

Acq: 17 Aug 2017 6:23

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

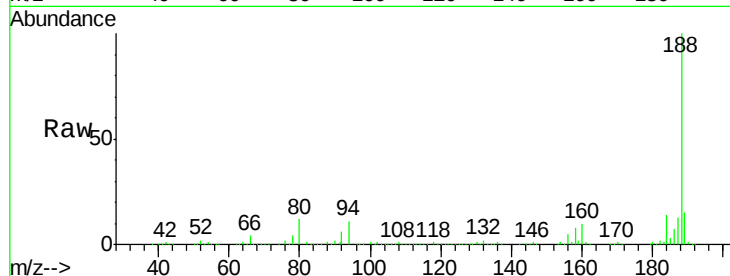
Tot Ion:188 Resp: 364446

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

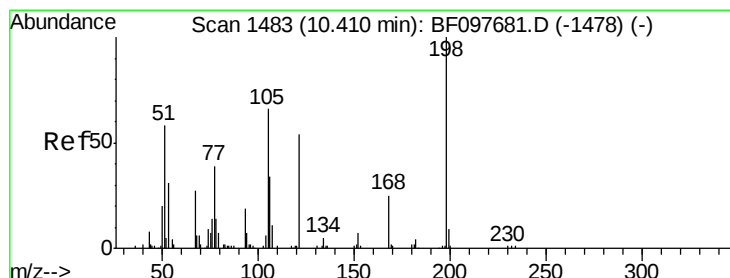
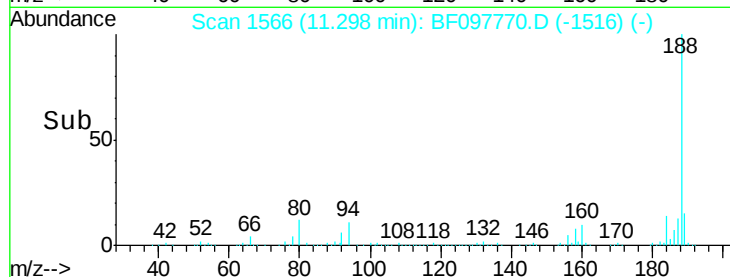
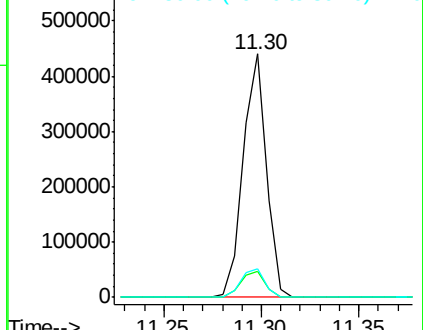
80 11.9 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.51 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.19 min

Lab File: BF097770.D

Acq: 17 Aug 2017 6:23

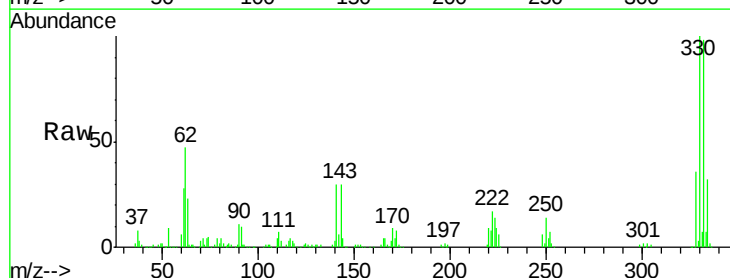
Tgt Ion:198 Resp: 402

Ion Ratio Lower Upper

198 100

51 205.4 53.2 93.2#

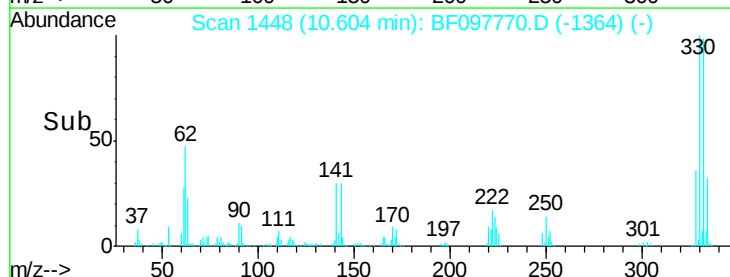
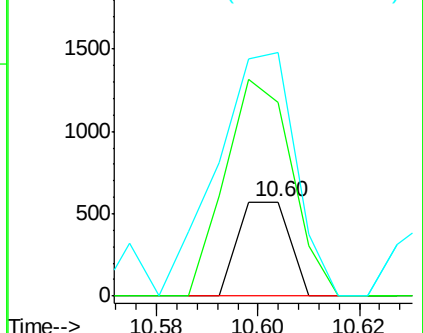
105 258.8 45.8 85.8#

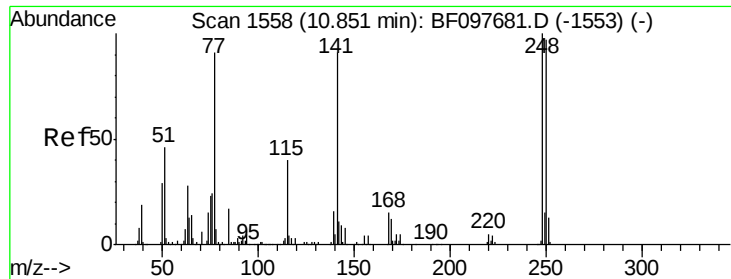


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

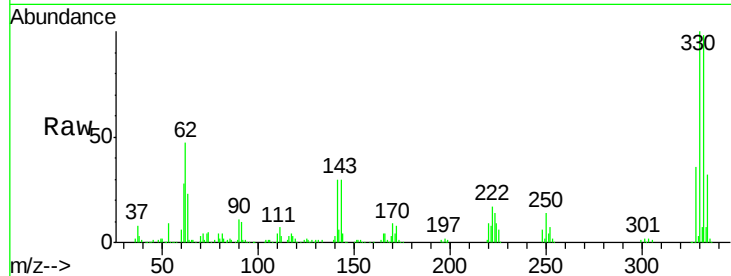




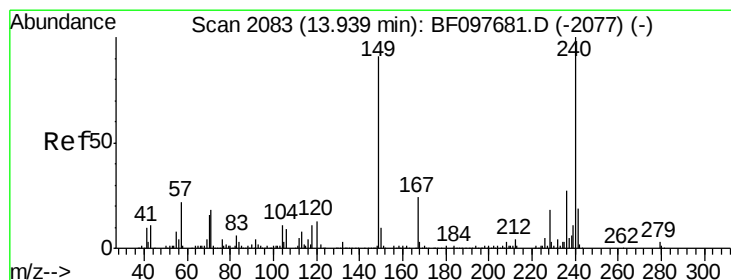
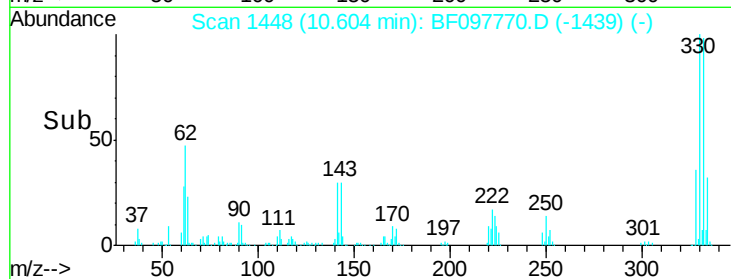
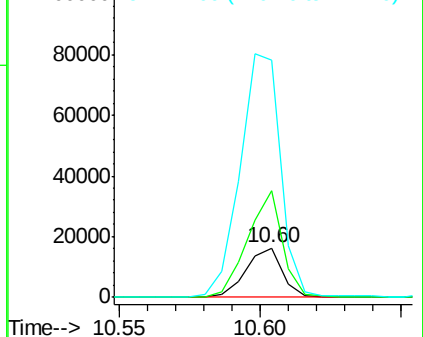
#66
 4-Bromophenyl-phenylether
 Concen: 3.81 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097770.D
 Acq: 17 Aug 2017 6:23

Instrument :
 BNA_F
 ClientSampled :
 SB-02-COMP

Tot Ion:248 Resp: 14428
 Ion Ratio Lower Upper
 248 100
 250 217.6 76.8 115.2#
 141 480.2 68.6 103.0#

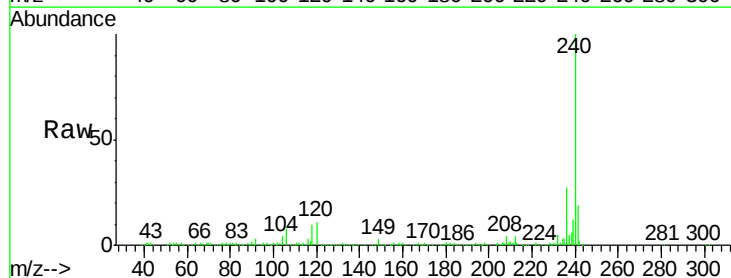


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

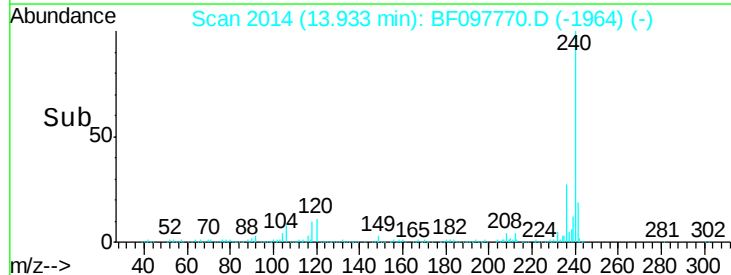
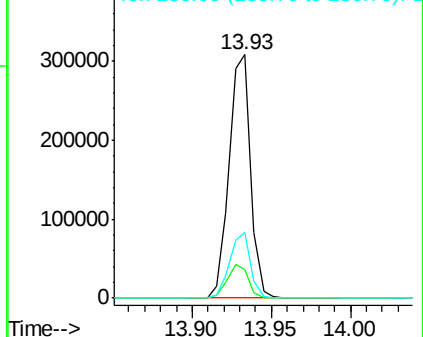


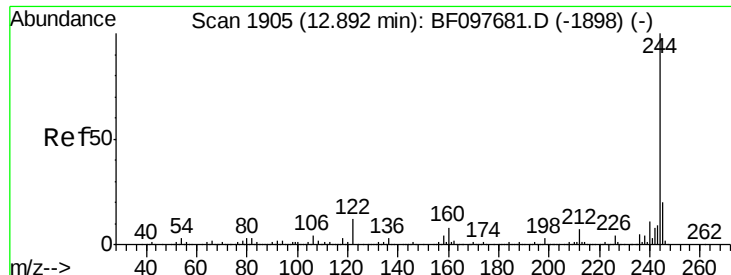
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF097770.D
 Acq: 17 Aug 2017 6:23

Tgt Ion:240 Resp: 289840
 Ion Ratio Lower Upper
 240 100
 120 11.5 5.8 8.8#
 236 27.1 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

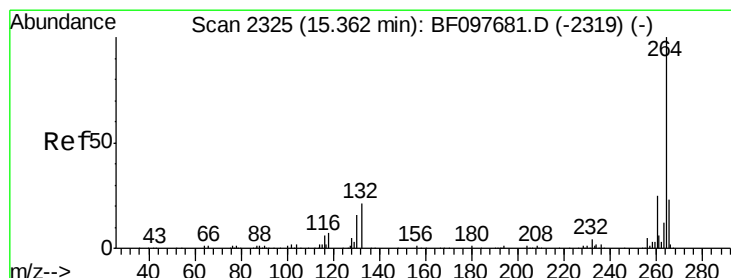
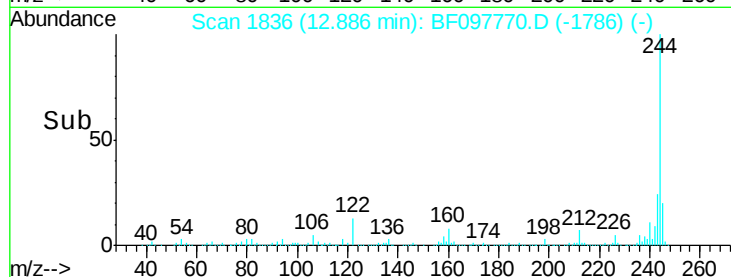
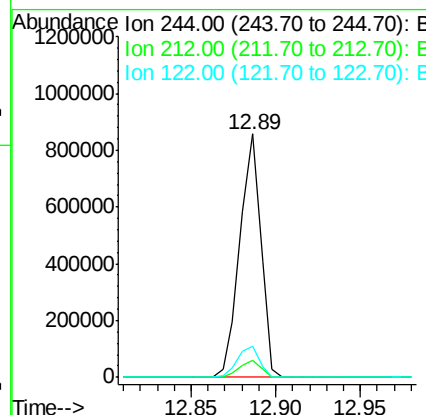
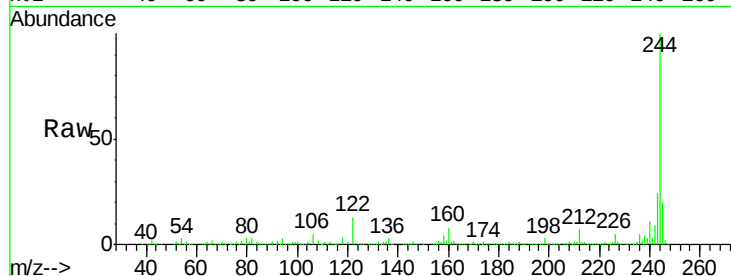




#78
 Terphenyl-d14
 Concen: 53.57 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097770.D
 Acq: 17 Aug 2017 6:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.0	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097770.D
 Acq: 17 Aug 2017 6:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	17.2	25.8

