

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097530.D
 Acq On : 9 Aug 2017 22:01
 Operator : SJ/JU
 Sample : I4658-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-WSW

Quant Time: Aug 10 01:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

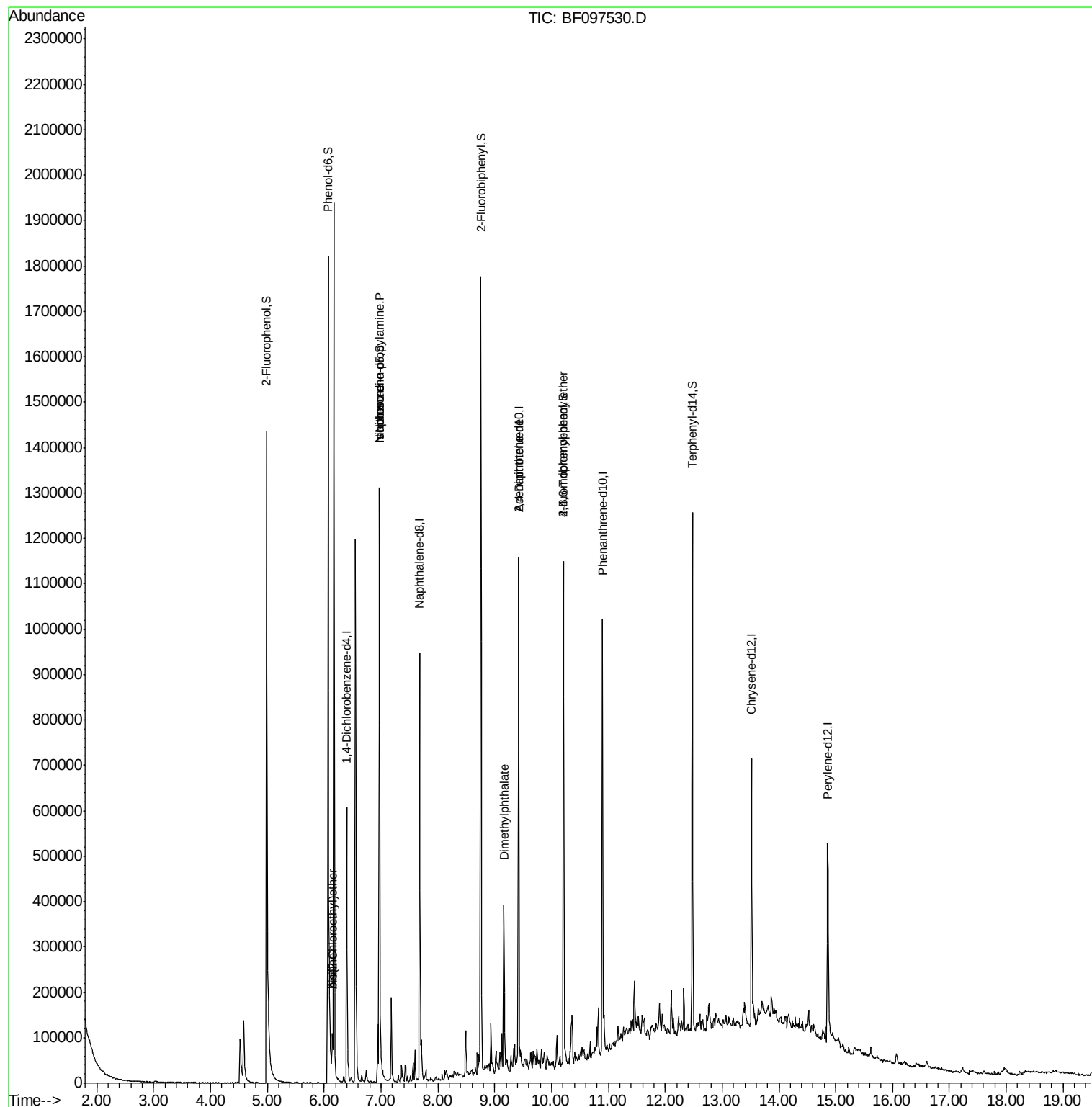
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	104102	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	456907	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	217257	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	348263	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	197914	20.00	ng	-0.02
86) Perylene-d12	14.86	264	180310	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	551729	79.90	ng	-0.02
7) Phenol-d6	6.07	99	682908	86.62	ng	-0.02
23) Nitrobenzene-d5	6.97	82	424215	54.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	127324	74.17	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	523466	40.89	ng	-0.02
78) Terphenyl-d14	12.48	244	361275	37.22	ng	-0.02
Target Compounds						
6) Aniline	6.15	93	26472	2.67	ng	# 53
11) bis(2-Chloroethyl)ether	6.15	93	26472	3.58	ng	94
19) n-Nitroso-di-n-propylamine	6.97	70	57326	11.05	ng	# 86
25) Isophorone	6.97	82	424213	27.81	ng	# 67
49) Dimethylphthalate	9.16	163	146193	8.86	ng	99
56) 2,4-Dinitrotoluene	9.42	165	27824	6.92	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	7762	2.23	ng	# 1

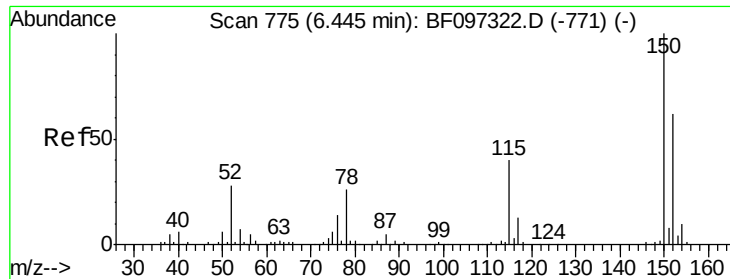
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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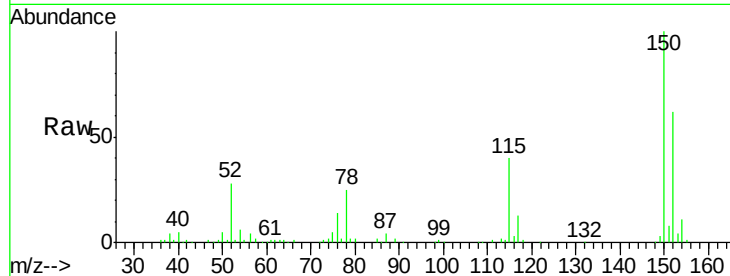


#1

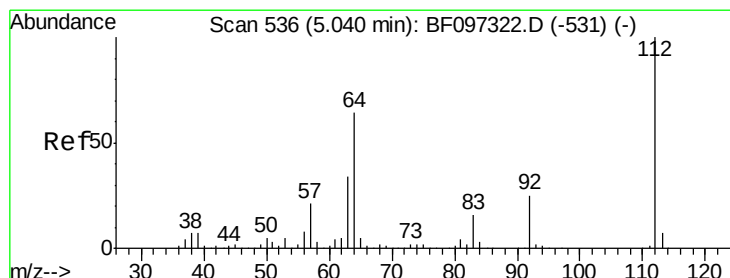
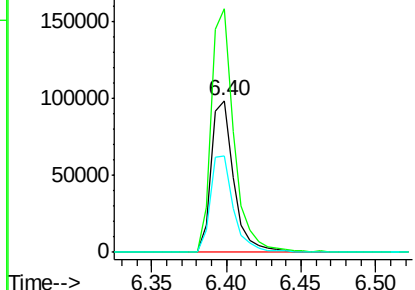
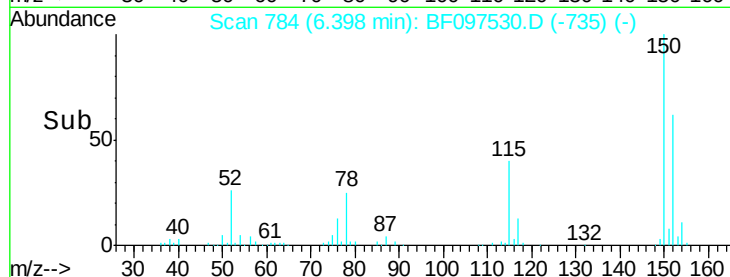
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-WSW

Tot Ion:152 Resp: 104102
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 63.5 52.2 78.2



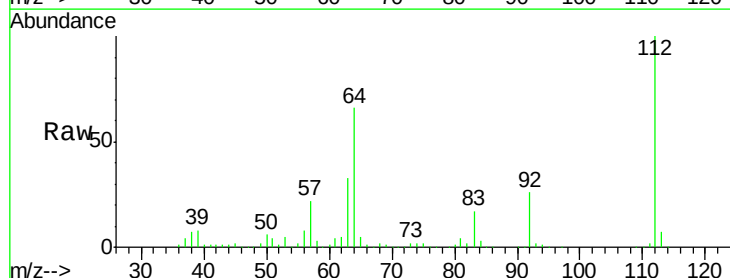
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



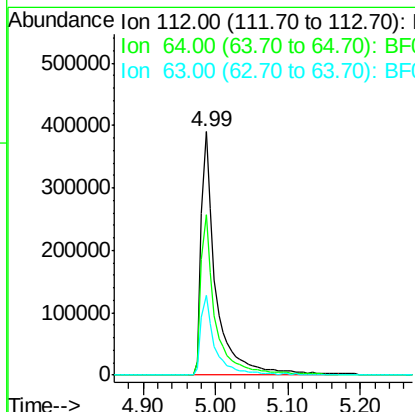
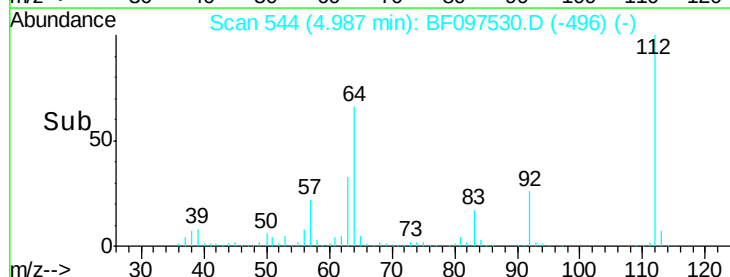
#5

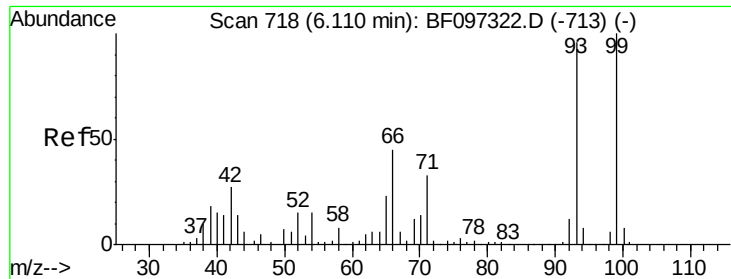
2-Fluorophenol
 Concen: 79.90 ng
 RT: 4.99 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Tgt Ion:112 Resp: 551729
 Ion Ratio Lower Upper
 112 100
 64 65.8 46.0 69.0
 63 33.0 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





#6

Aniline

Concen: 2.67 ng

RT: 6.15 min Scan# 741

Delta R.T. 0.07 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

E2-L9-WSW

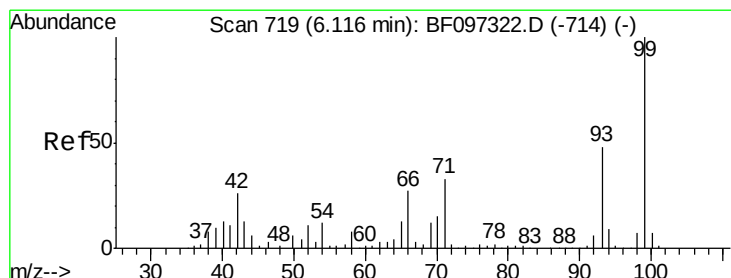
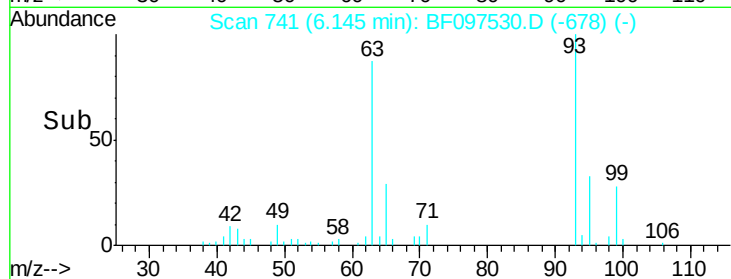
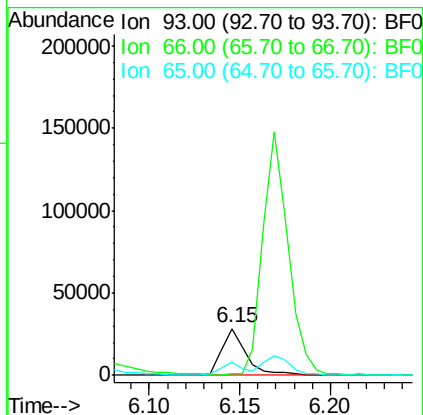
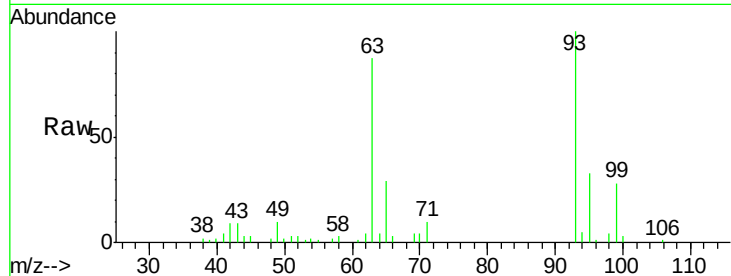
Tot Ion: 93 Resp: 26472

Ion Ratio Lower Upper

93 100

66 2.9 32.9 49.3#

65 28.6 16.0 24.0#



#7

Phenol-d6

Concen: 86.62 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

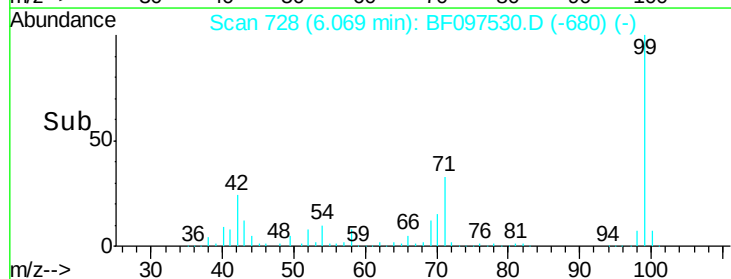
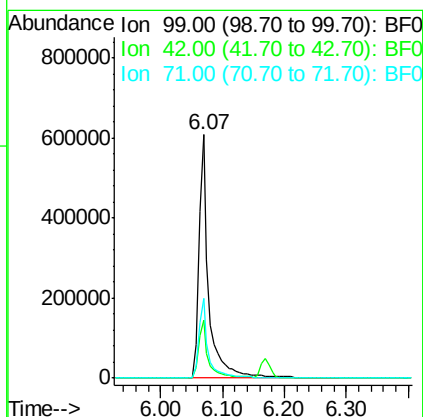
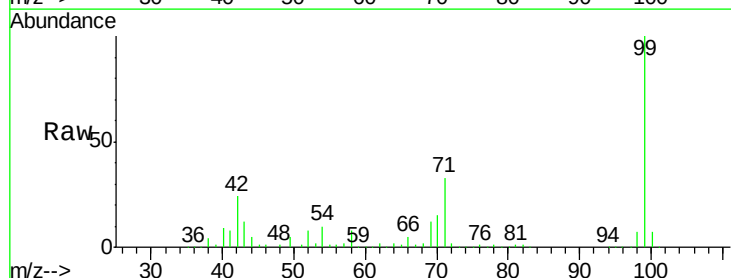
Tgt Ion: 99 Resp: 682908

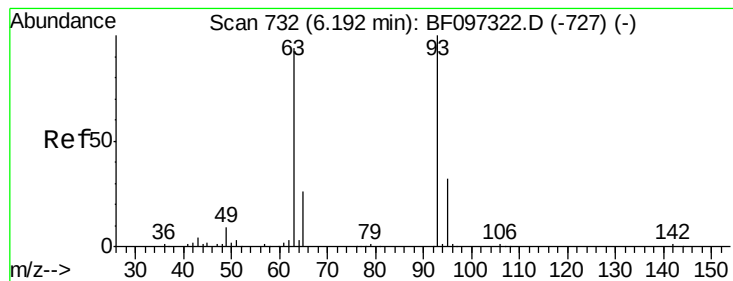
Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

71 32.6 24.5 36.7

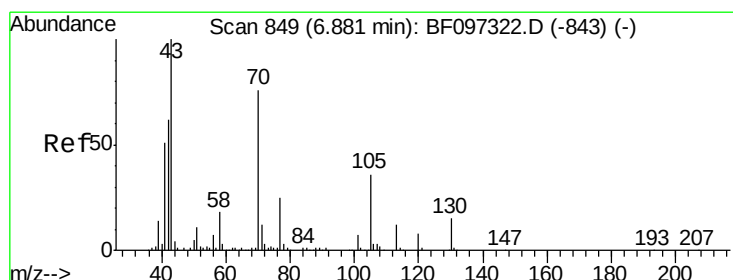
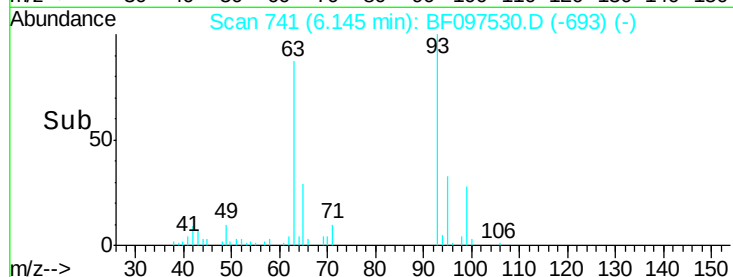
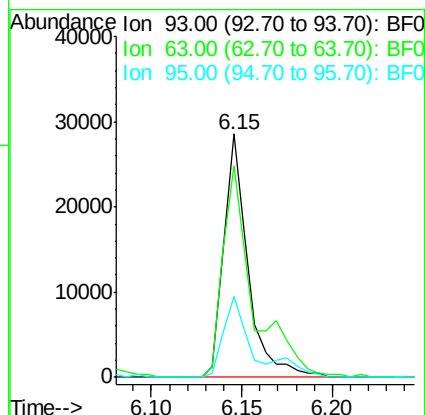
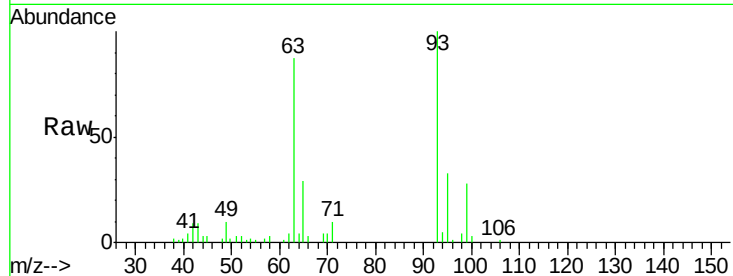




#11
bis(2-Chloroethyl)ether
Concen: 3.58 ng
RT: 6.15 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

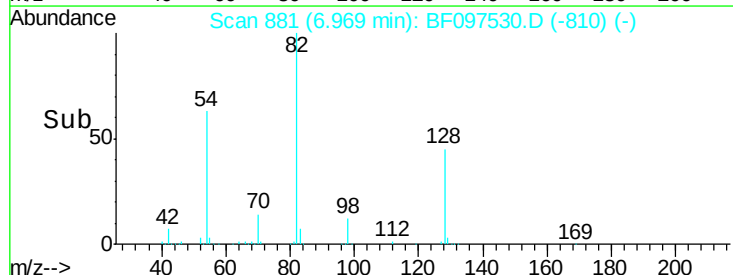
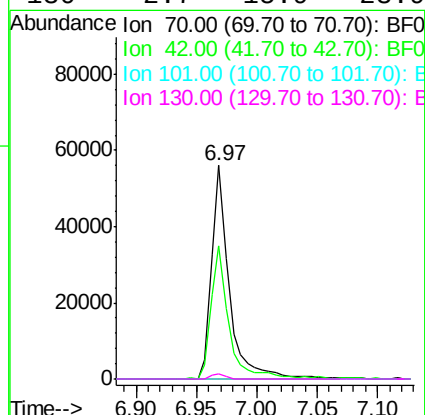
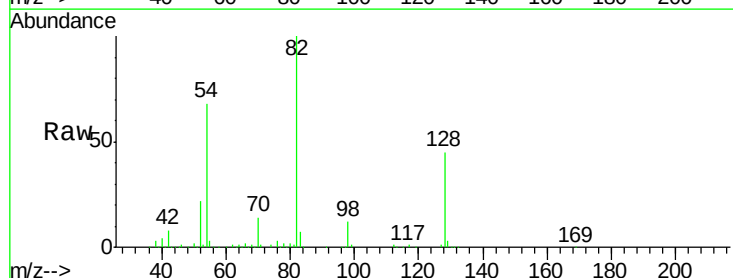
Instrument :
BNA_F
ClientSampleId :
E2-L9-WSW

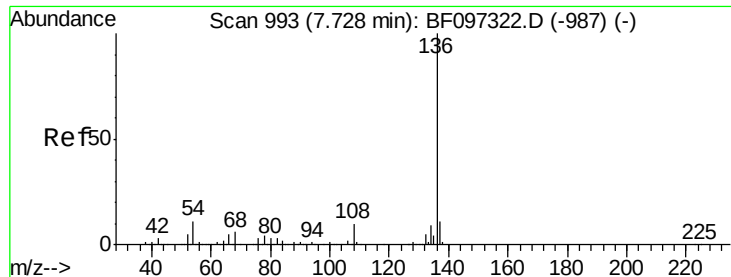
Tot Ion: 93 Resp: 26472
Ion Ratio Lower Upper
93 100
63 86.7 59.2 99.2
95 33.2 12.8 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.05 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion: 70 Resp: 57326
Ion Ratio Lower Upper
70 100
42 62.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#

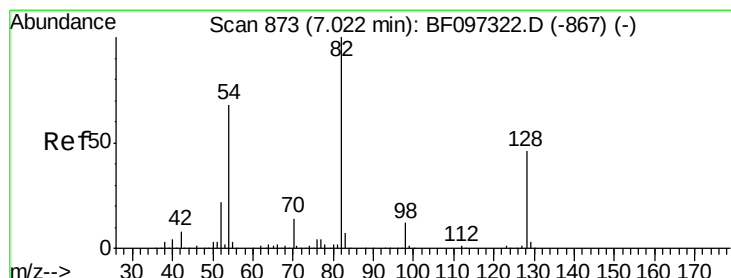
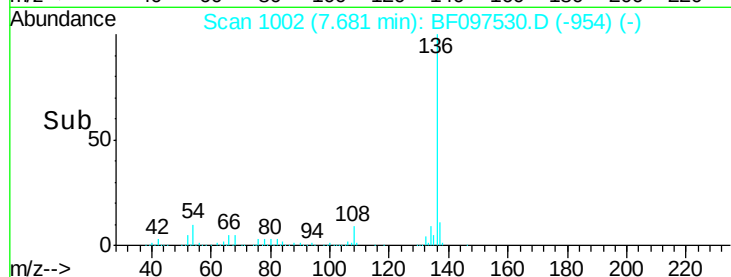
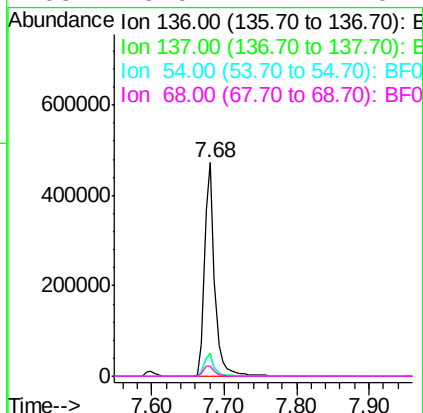
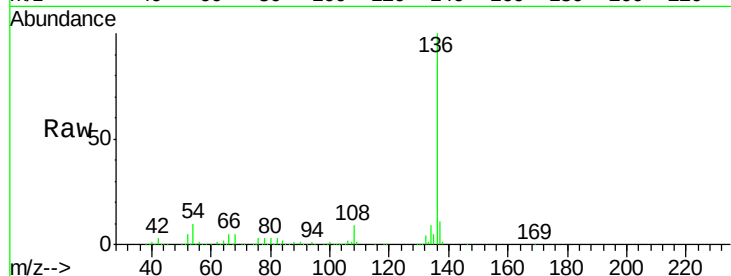




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

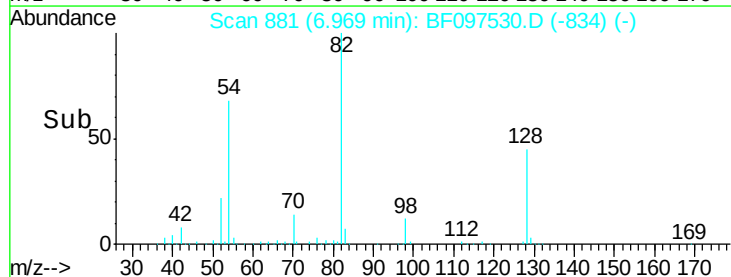
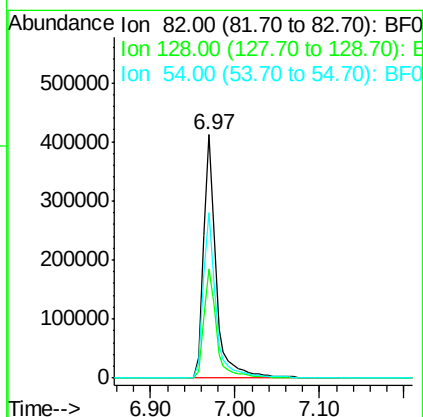
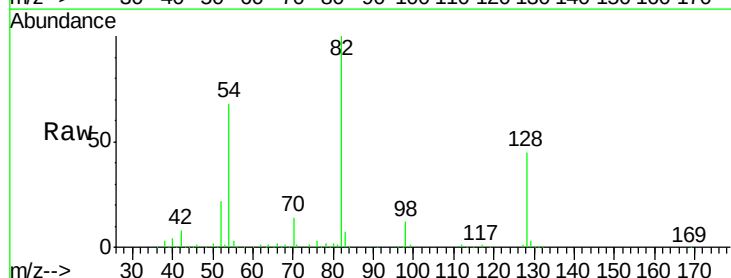
Instrument :
BNA_F
ClientSampleId :
E2-L9-WSW

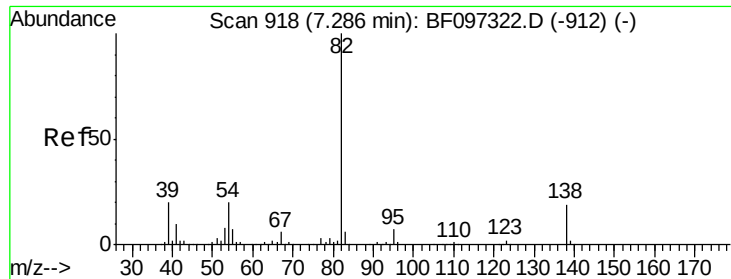
Tot Ion:136	Resp:	456907
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.8	4.9 7.3#
68	5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 54.47 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion: 82	Resp:	424215
Ion Ratio	Lower	Upper
82	100	
128	44.9	34.0 51.0
54	67.8	42.2 63.2#





#25

Isophorone

Concen: 27.81 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

E2-L9-WSW

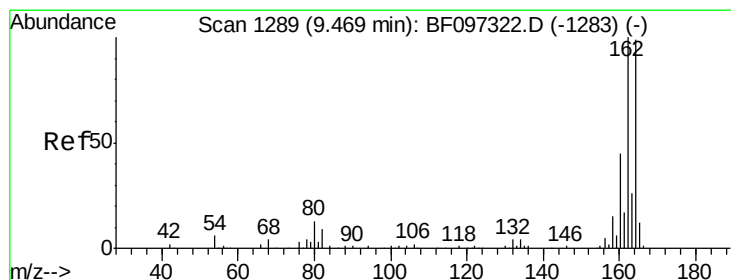
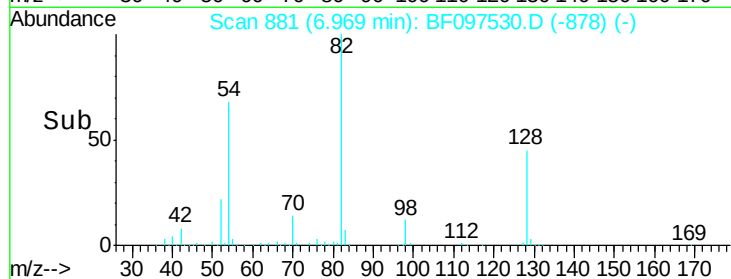
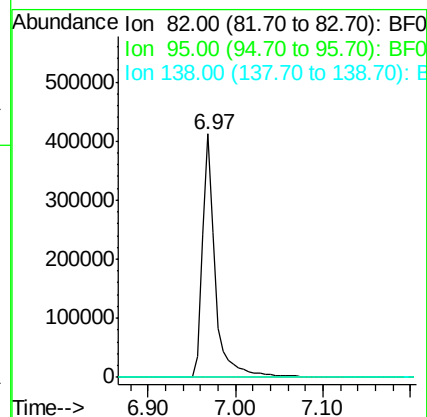
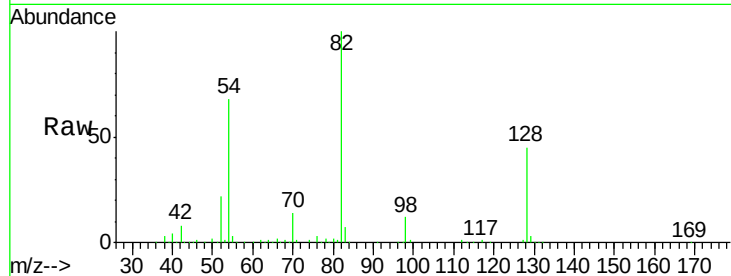
Tot Ion: 82 Resp: 424213

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

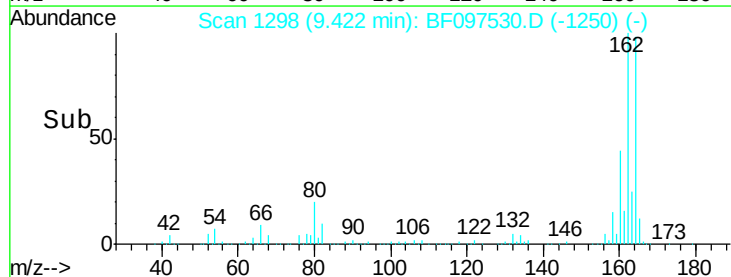
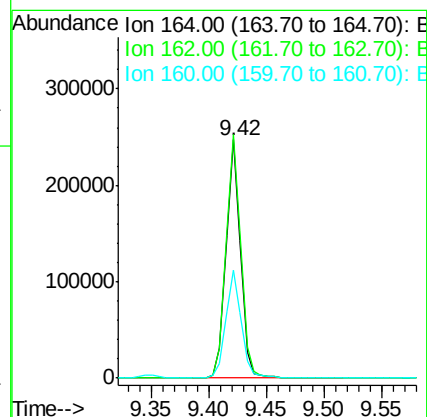
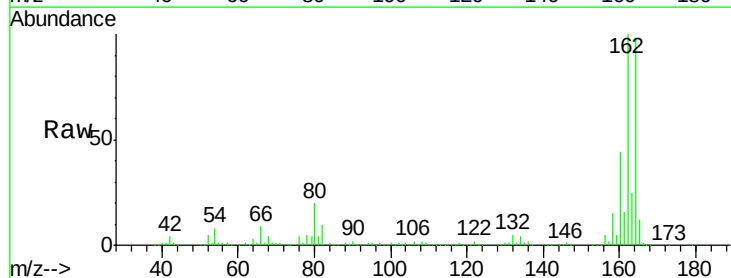
Tgt Ion:164 Resp: 217257

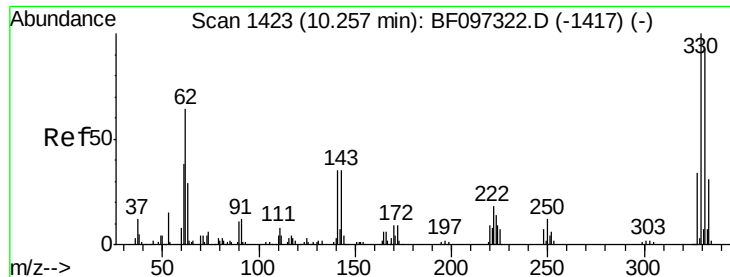
Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

160 45.3 36.2 54.2

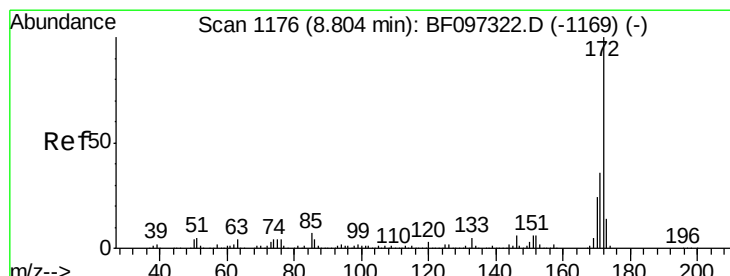
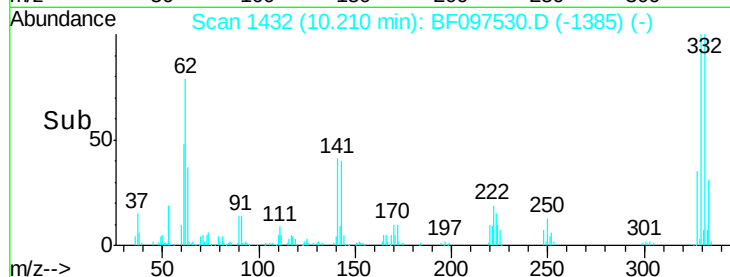
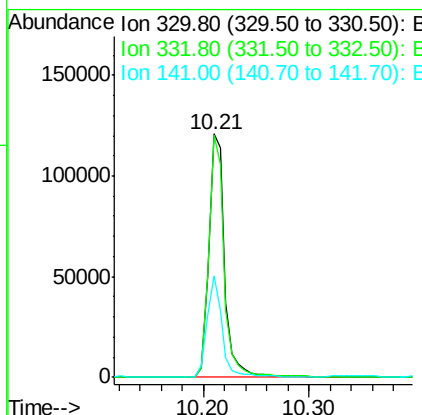
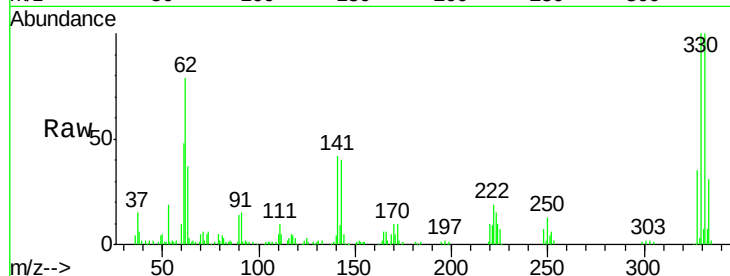




#41
 2,4,6-Tribromophenol
 Concen: 74.17 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

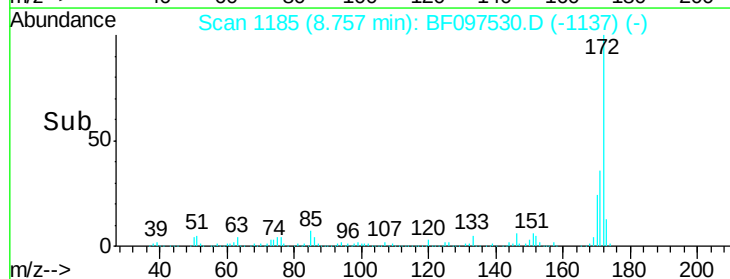
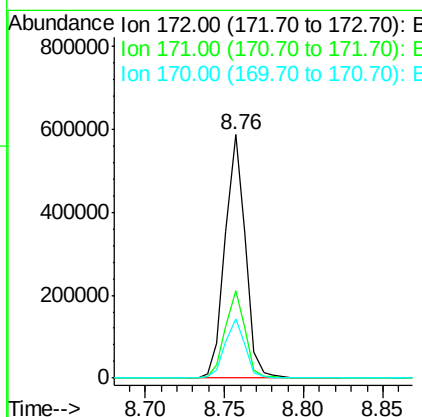
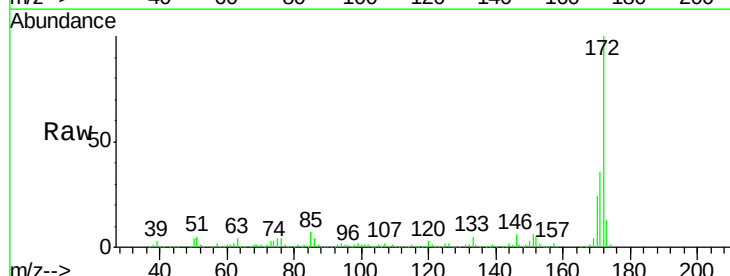
Instrument :
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 E2-L9-WSW

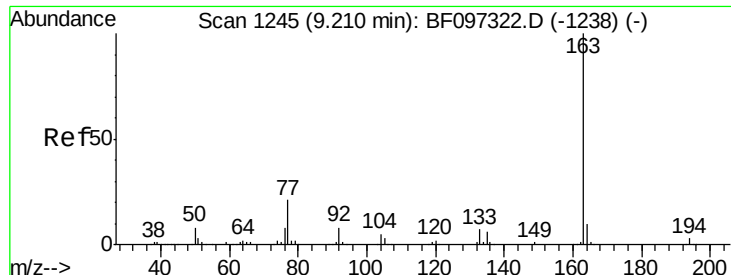
Tot Ion:330 Resp: 127324
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 40.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 40.89 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Tgt Ion:172 Resp: 523466
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 19.8 29.8

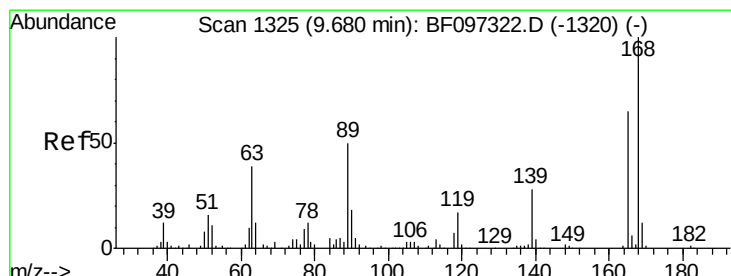
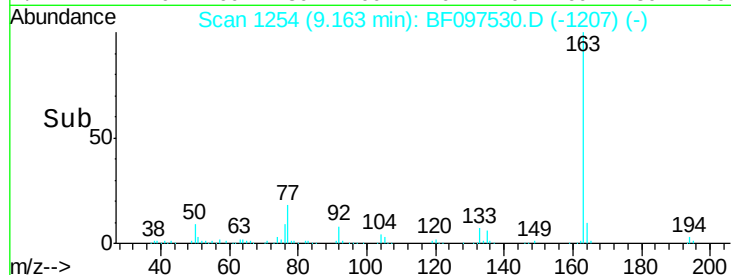
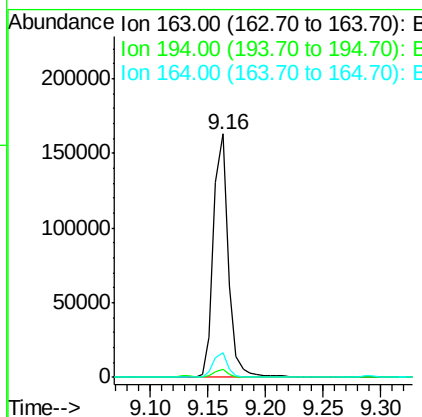
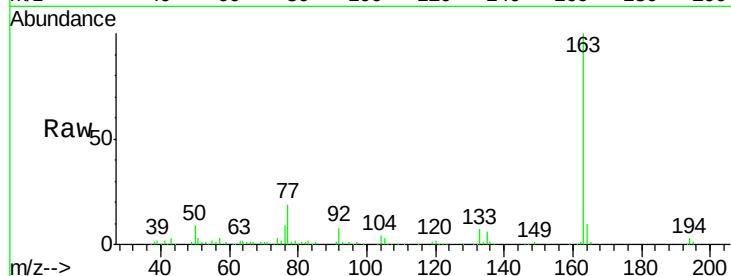




#49
Dimethylphthalate
Concen: 8.86 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

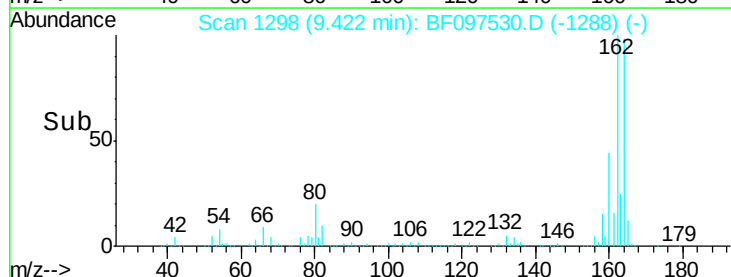
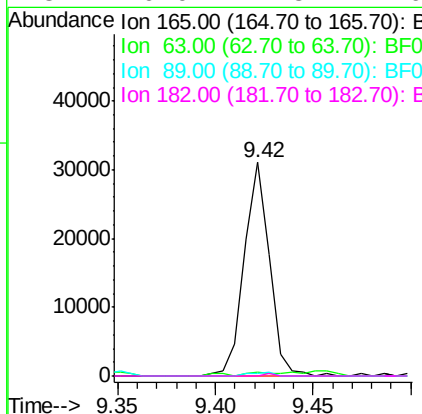
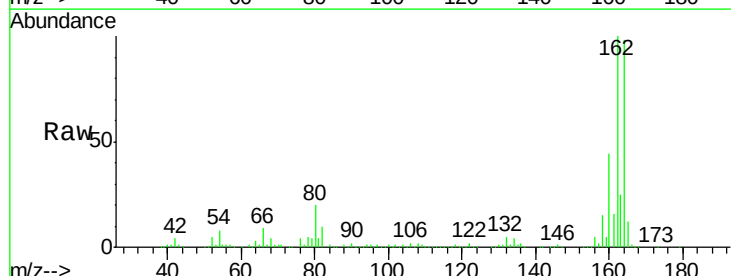
Instrument :
BNA_F
ClientSampleId :
E2-L9-WSW

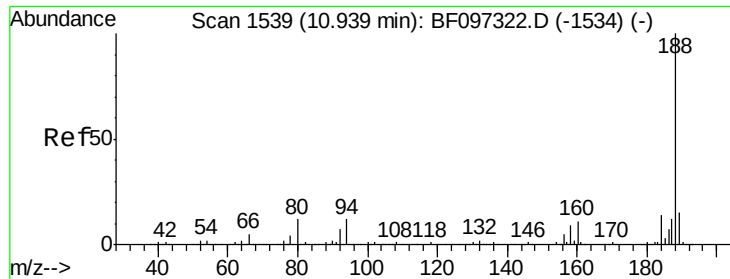
Tot Ion:163 Resp: 146193
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097530.D
Acq: 9 Aug 2017 22:01

Tgt Ion:165 Resp: 27824
Ion Ratio Lower Upper
165 100
63 2.1 25.4 38.0#
89 1.2 46.4 69.6#
182 0.0 1.8 2.6#

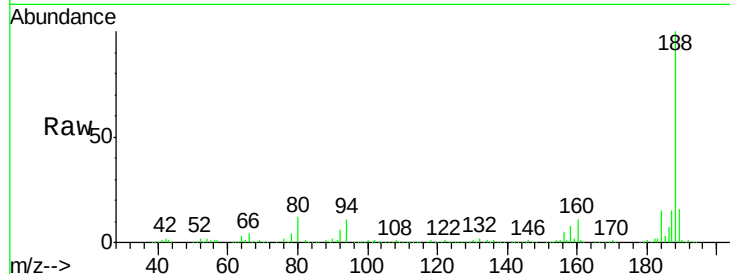




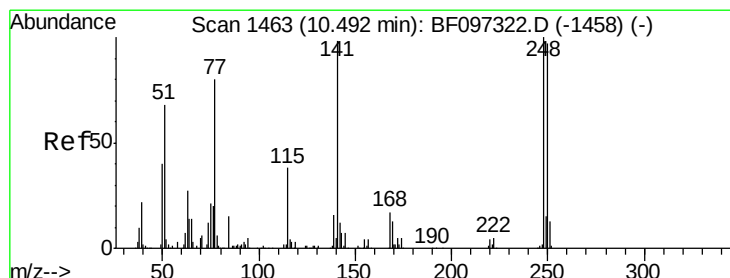
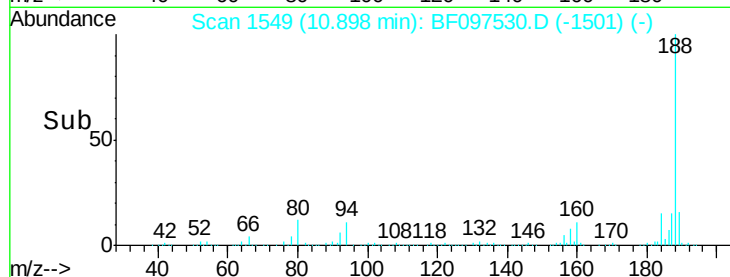
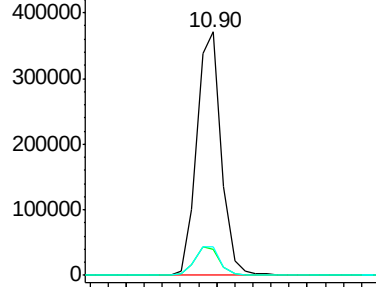
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-WSW

Tot Ion:188 Resp: 348263
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.6 10.2 15.2

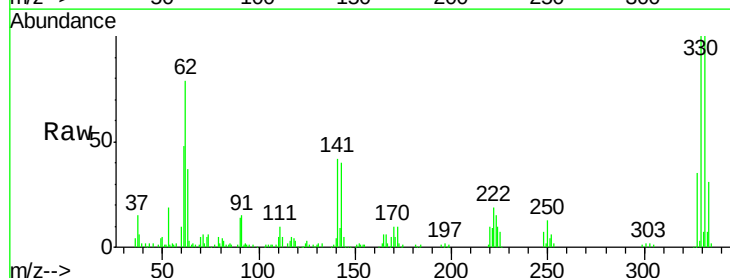


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

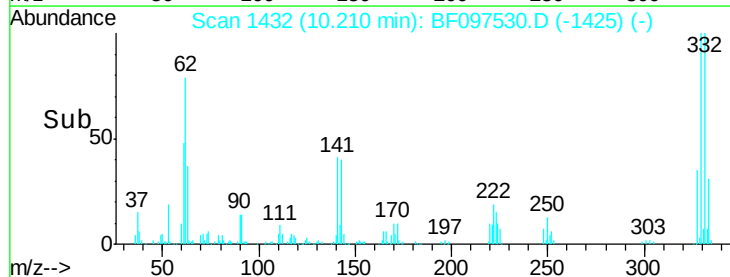
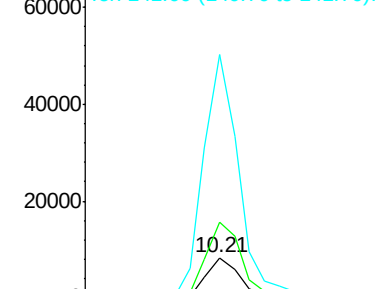


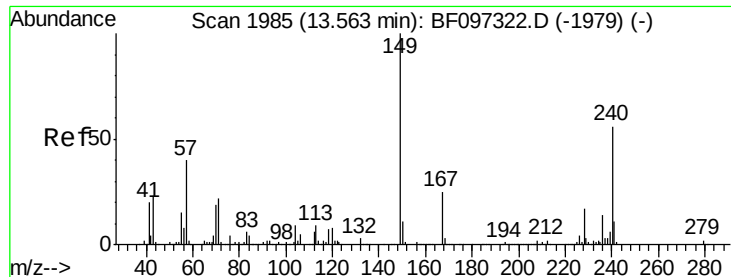
#66
 4-Bromophenyl-phenylether
 Concen: 2.23 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.26 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Tgt Ion:248 Resp: 7762
 Ion Ratio Lower Upper
 248 100
 250 189.5 76.8 115.2#
 141 602.6 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: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

Instrument :

BNA_F

ClientSampled :

E2-L9-WSW

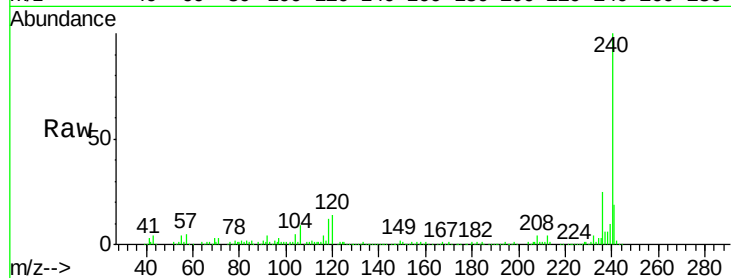
Tot Ion:240 Resp: 197914

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

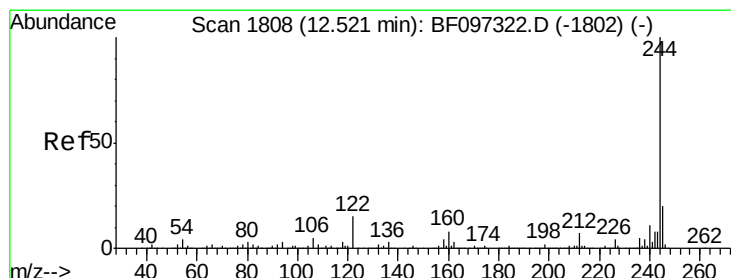
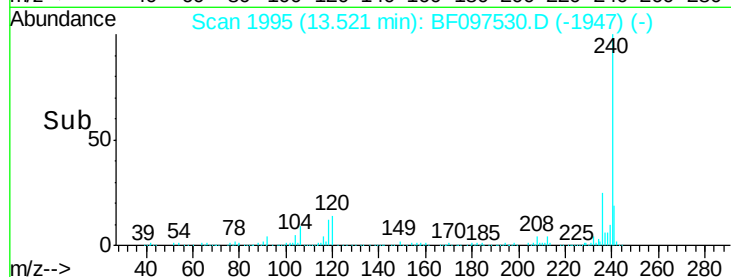
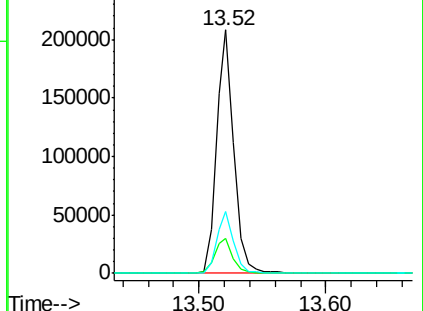
236 25.5 20.5 30.7



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: 37.22 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097530.D

Acq: 9 Aug 2017 22:01

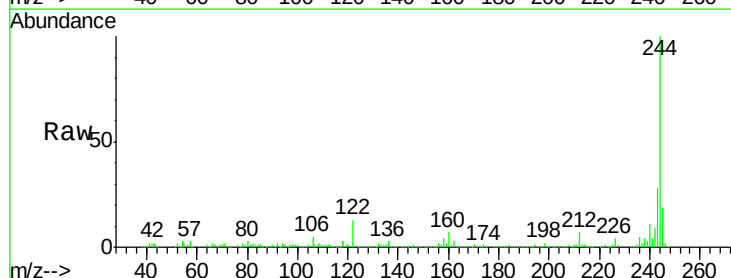
Tgt Ion:244 Resp: 361275

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

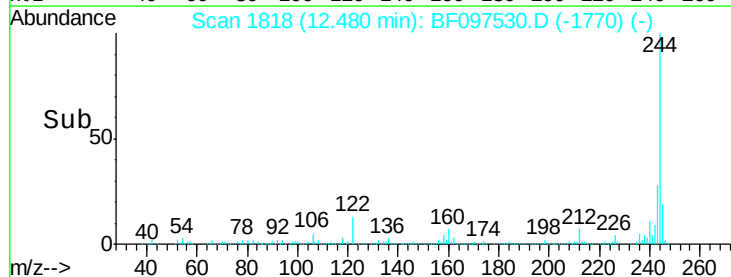
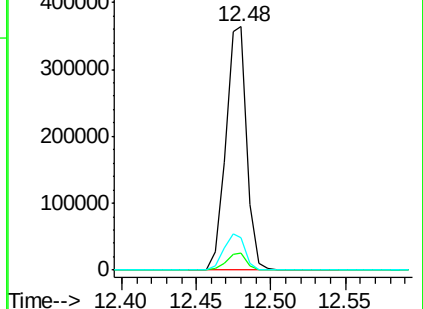
122 13.2 10.3 15.5

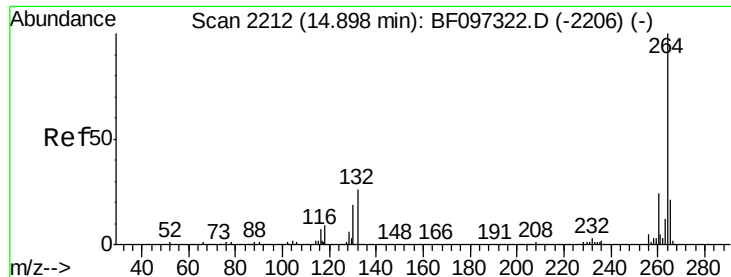


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097530.D
 Acq: 9 Aug 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.3	17.2	25.8

