

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097793.D
 Acq On : 17 Aug 2017 18:34
 Operator : SJ/JU
 Sample : I4821-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-A

Quant Time: Aug 18 01:29:40 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

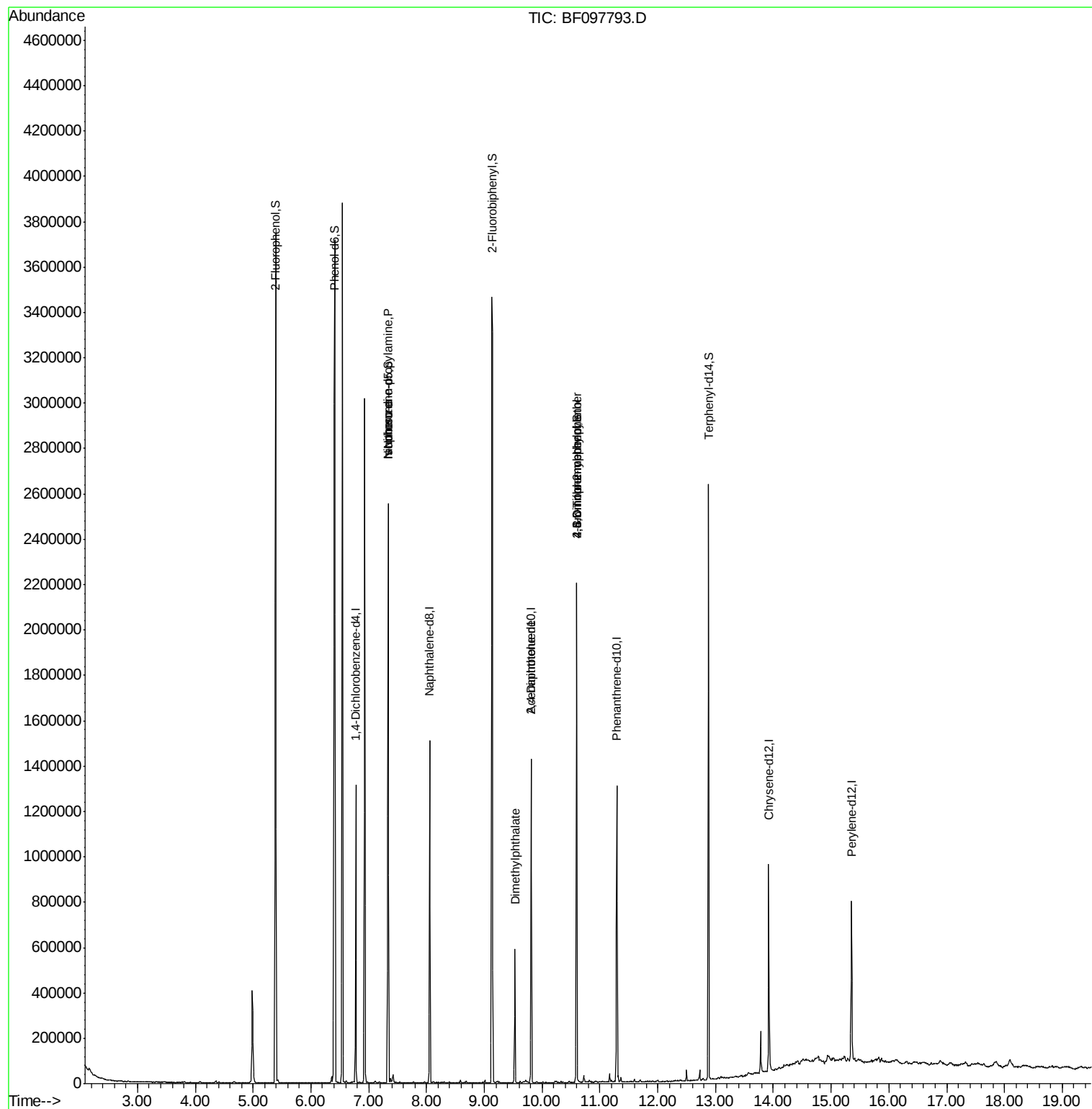
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	158602	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	612793	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	252113	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	413991	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	305496	20.00	ng	-0.01
86) Perylene-d12	15.36	264	294013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1152680	110.55	ng	0.00
7) Phenol-d6	6.41	99	1576262	111.26	ng	0.00
23) Nitrobenzene-d5	7.34	82	956553	84.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	248686	113.69	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1171377	68.26	ng	0.00
78) Terphenyl-d14	12.88	244	766893	52.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	129591	13.36	ng	# 72
25) Isophorone	7.34	82	953692	40.66	ng	# 67
49) Dimethylphthalate	9.53	163	184169	9.99	ng	100
56) 2,4-Dinitrotoluene	9.81	165	31478	6.82	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	523	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	16360	3.81	ng	# 1

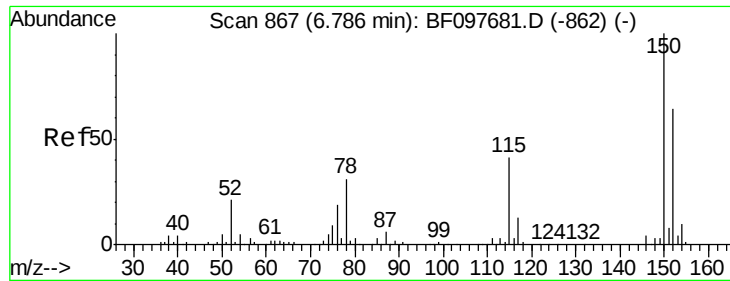
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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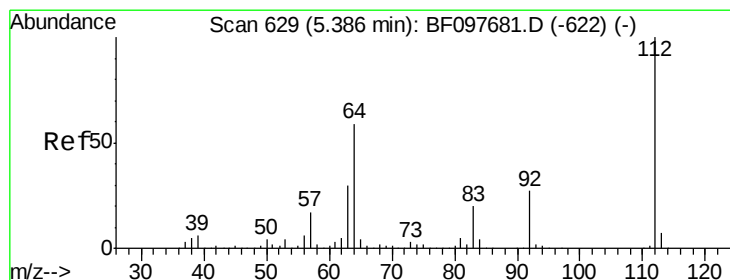
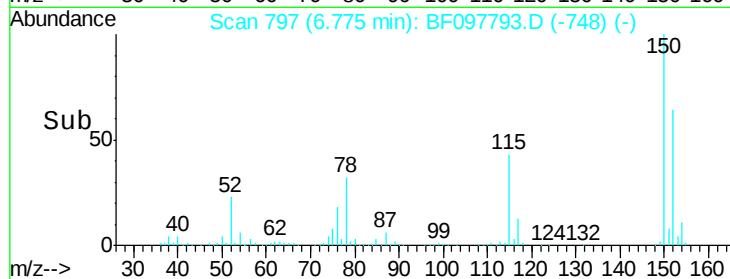
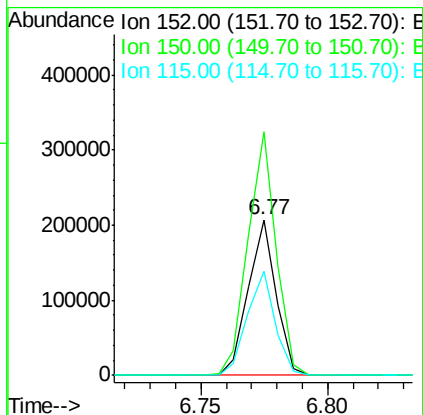
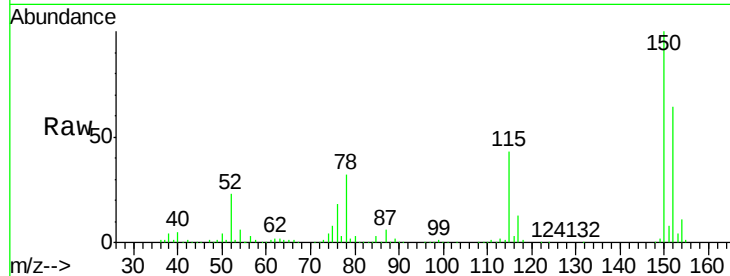


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-A

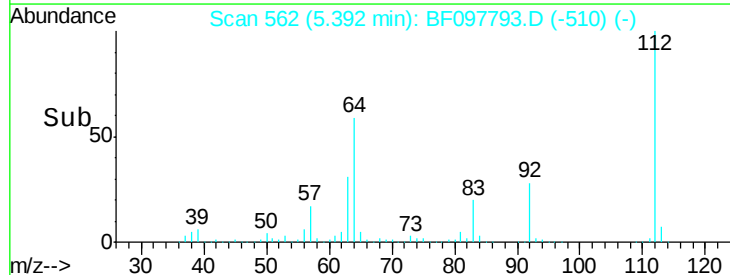
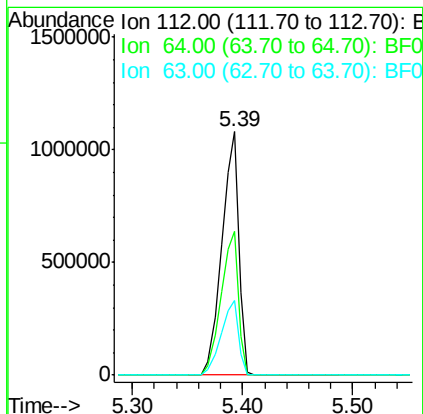
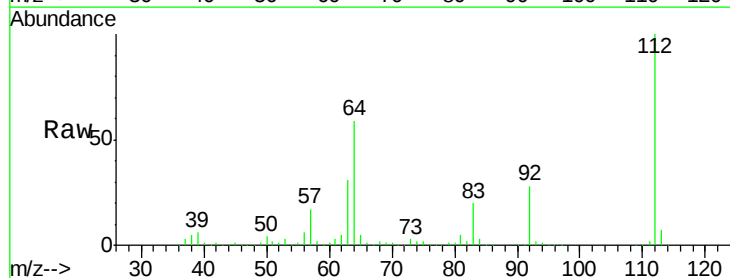
Tot Ion:152 Resp: 158602
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 67.0 52.2 78.2

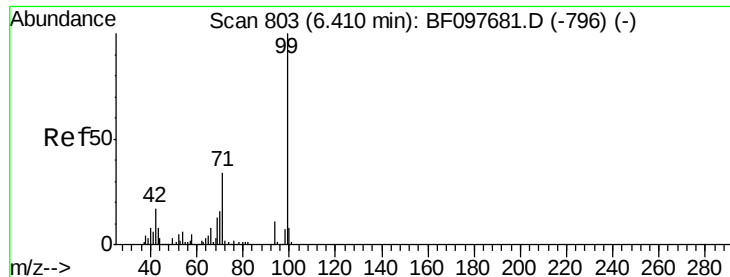


#5

2-Fluorophenol
Concen: 110.55 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Tgt Ion:112 Resp: 1152680
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 111.26 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-A

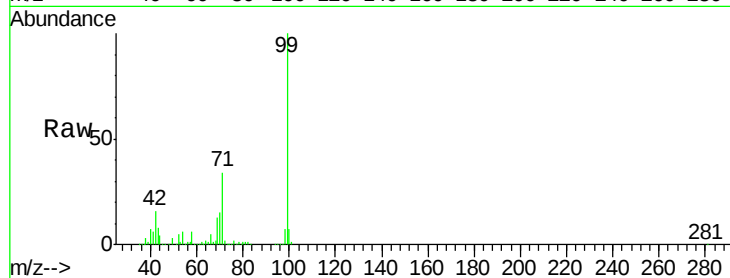
Tot Ion: 99 Resp: 1576262

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

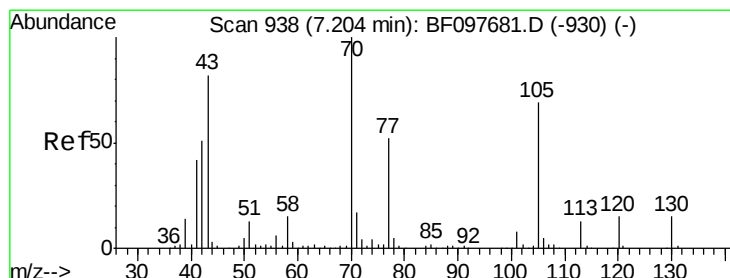
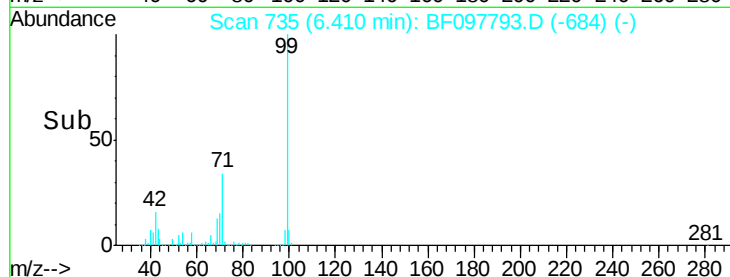
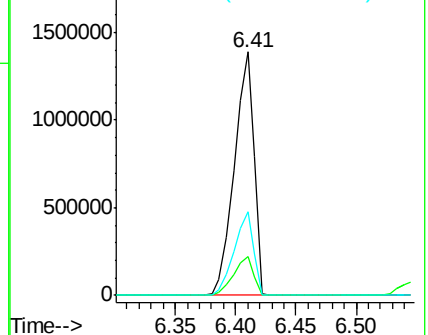
71 34.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.36 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Tgt Ion: 70 Resp: 129591

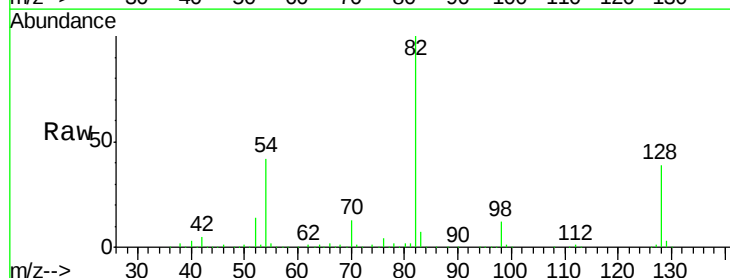
Ion Ratio Lower Upper

70 100

42 40.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

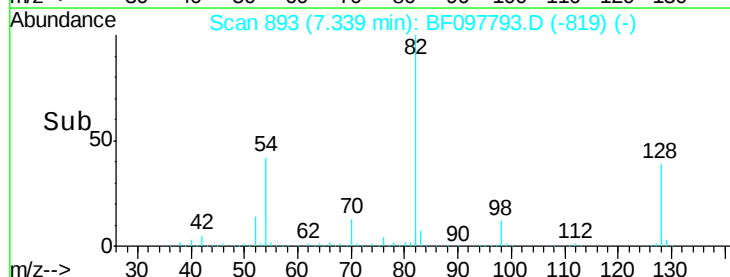
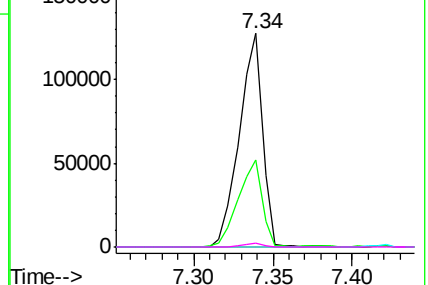


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-A

Tot Ion:136 Resp: 612793

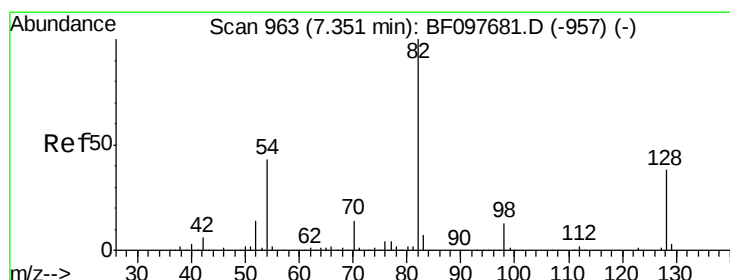
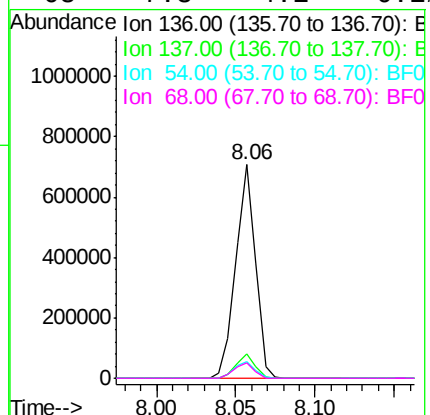
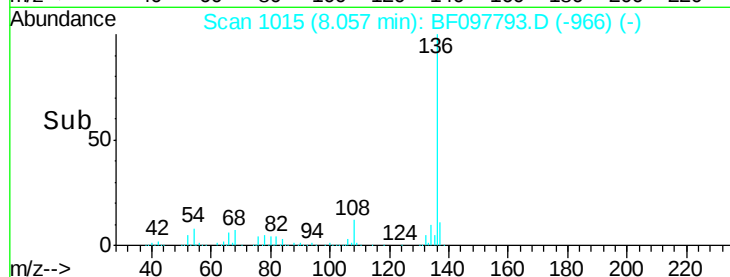
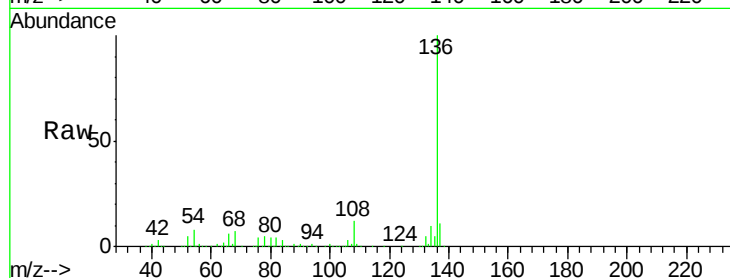
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 7.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 84.80 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

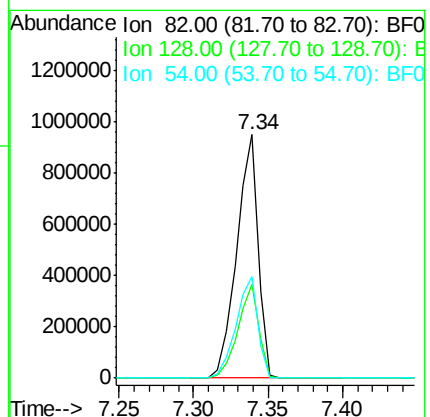
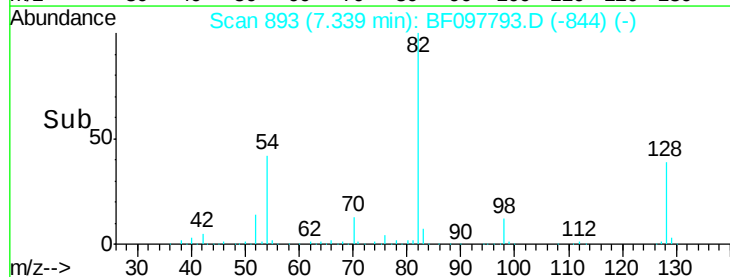
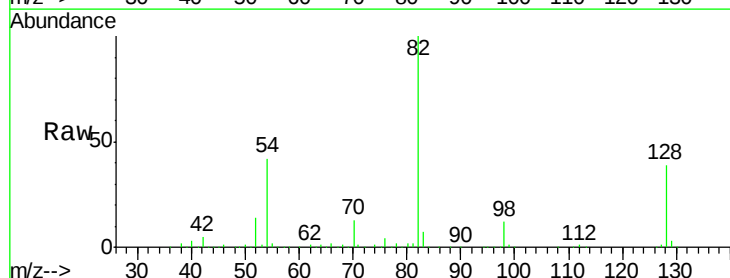
Tgt Ion: 82 Resp: 956553

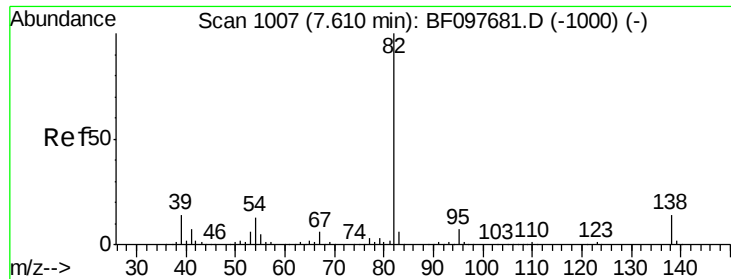
Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

54 41.5 42.2 63.2#





#25

Isophorone

Concen: 40.66 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-A

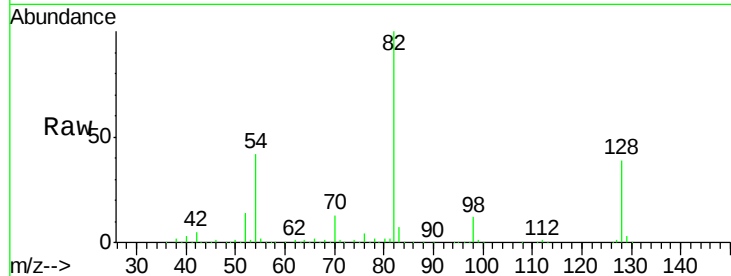
Tot Ion: 82 Resp: 953692

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

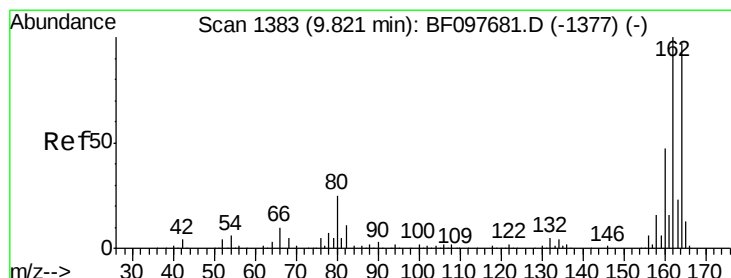
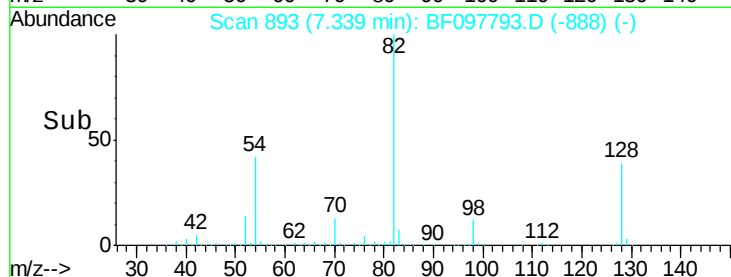
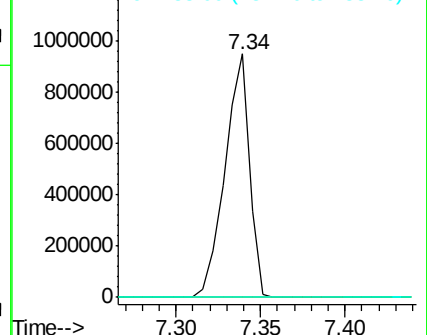
138 0.0 13.1 19.7#



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: BF097793.D

Acq: 17 Aug 2017 18:34

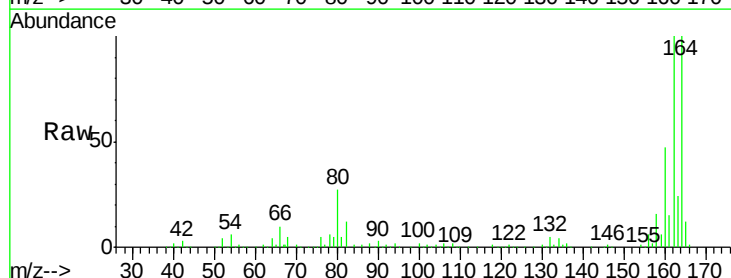
Tgt Ion: 164 Resp: 252113

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

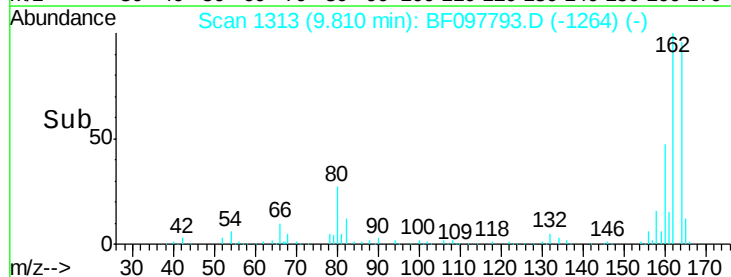
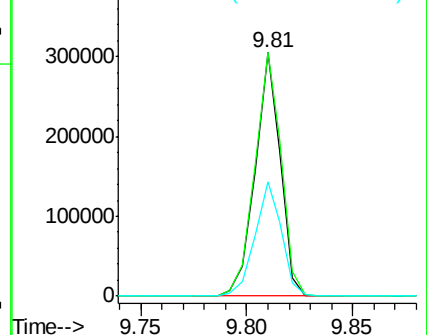
160 47.1 36.2 54.2

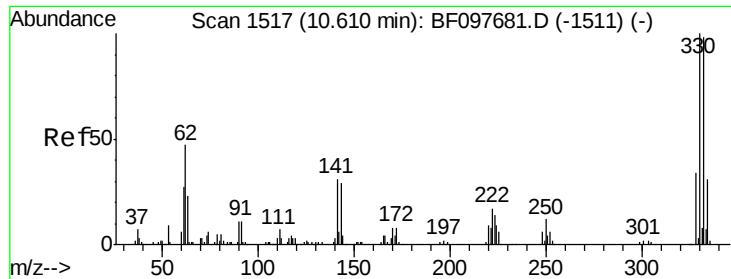


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

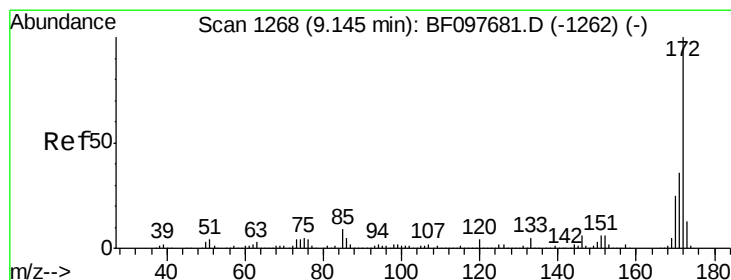
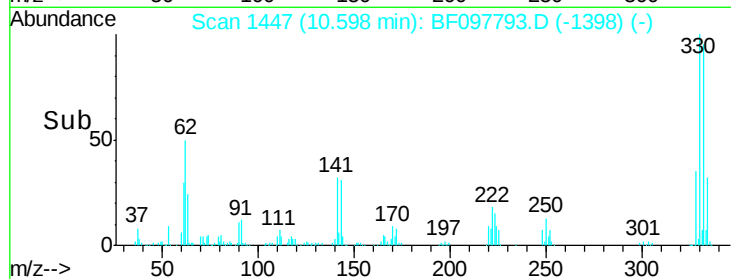
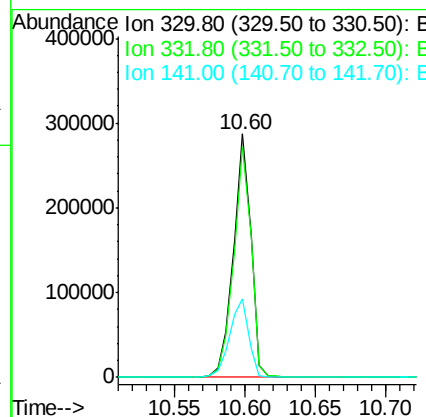
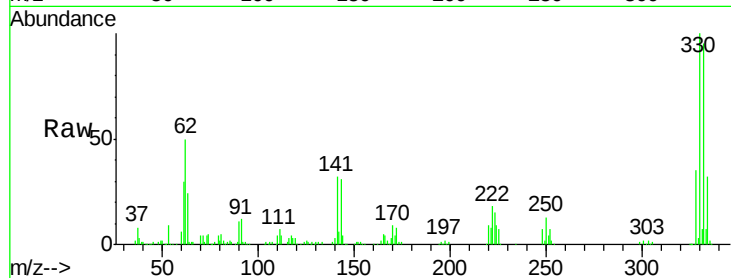




#41
 2,4,6-Tribromophenol
 Concen: 113.69 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

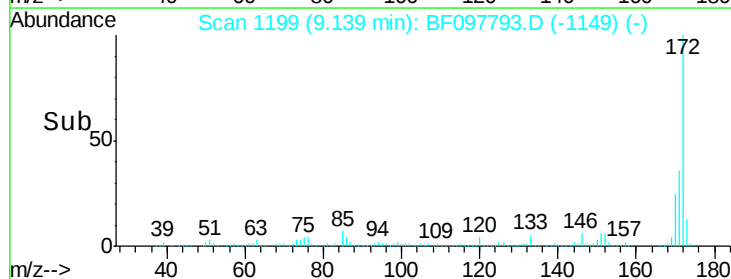
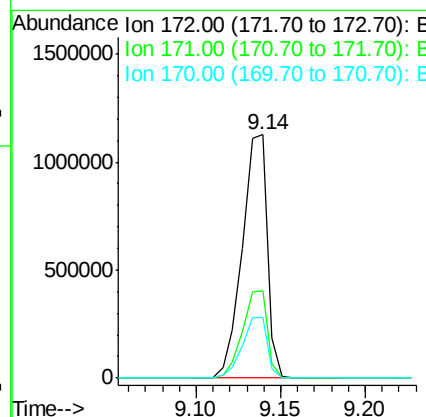
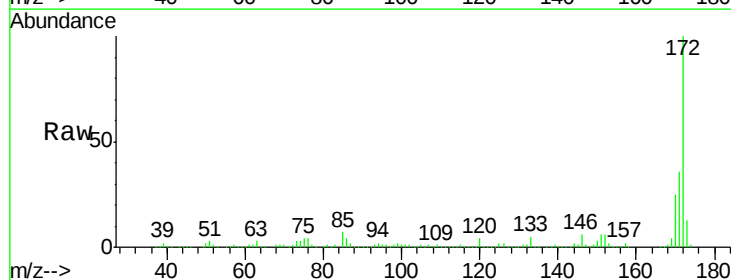
Instrument :
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 FK-GF-02-009-A

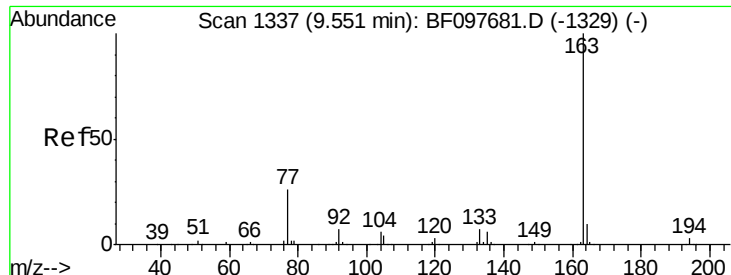
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	34.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.26 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8

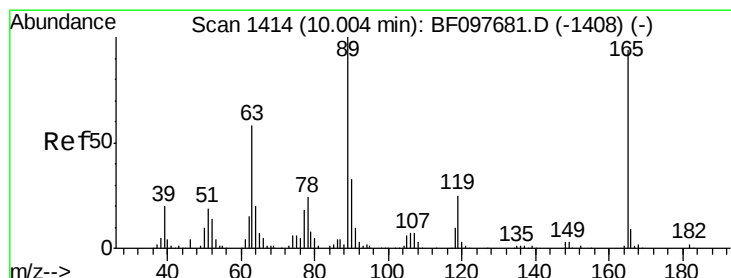
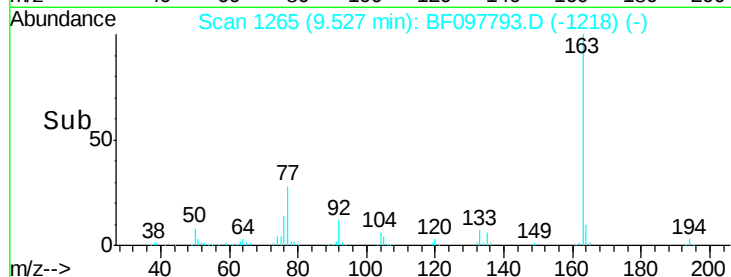
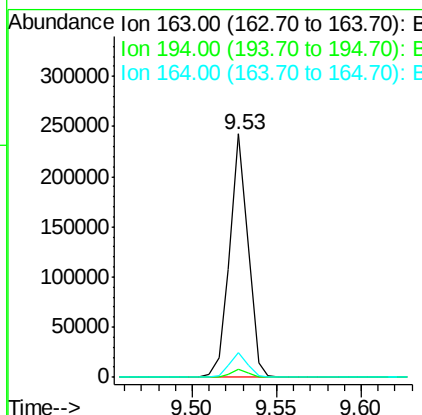
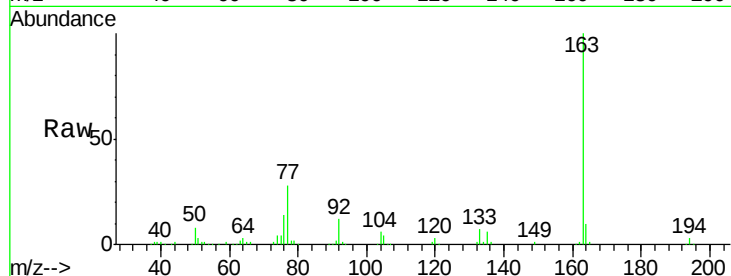




#49
Dimethylphthalate
Concen: 9.99 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

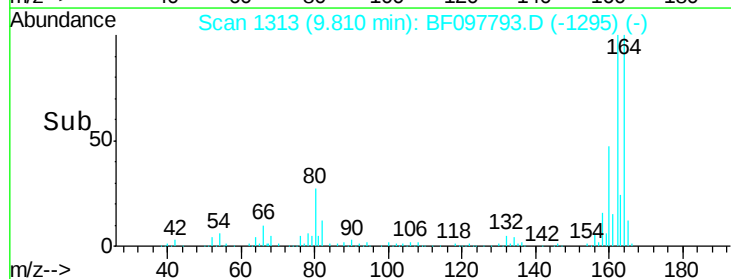
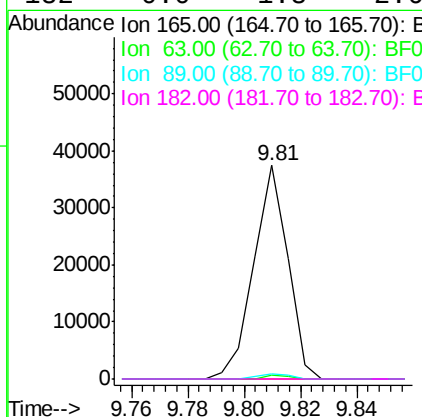
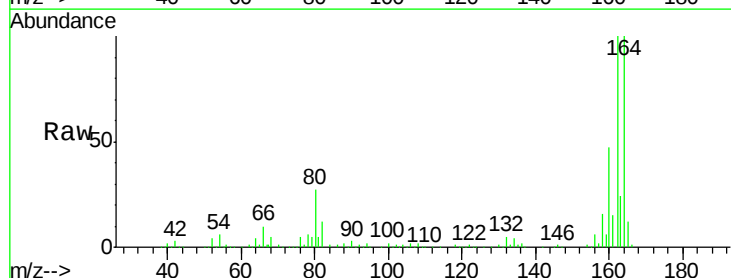
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-A

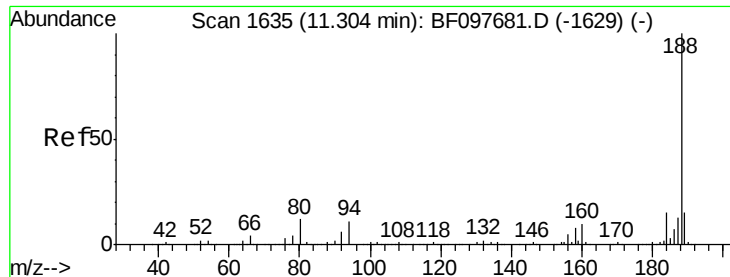
Tot Ion:163 Resp: 184169
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Tgt Ion:165 Resp: 31478
Ion Ratio Lower Upper
165 100
63 1.9 25.4 38.0#
89 2.2 46.4 69.6#
182 0.0 1.8 2.6#

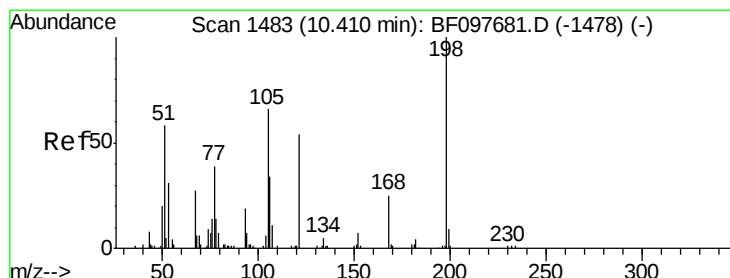
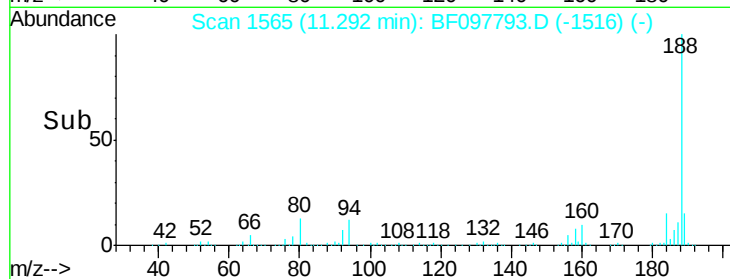
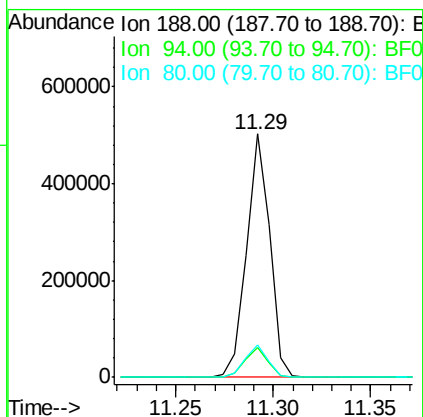
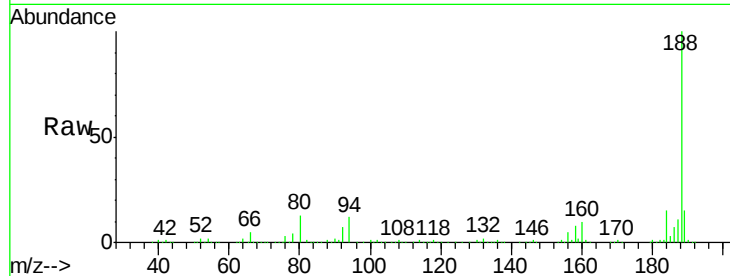




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

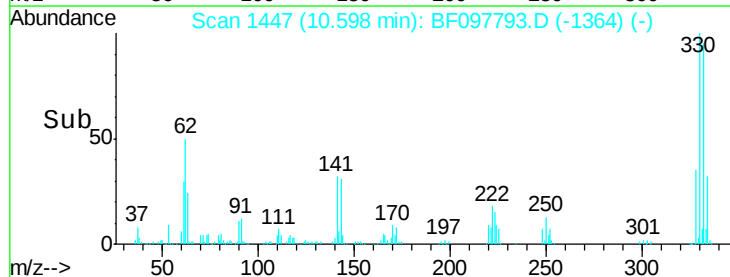
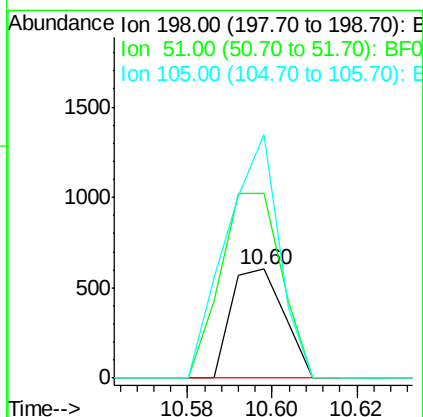
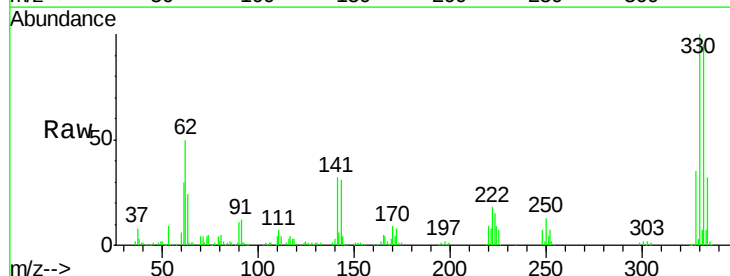
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-A

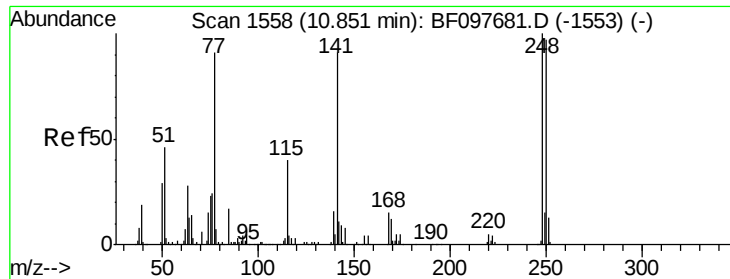
Tot Ion:188 Resp: 413991
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.54 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Tgt Ion:198 Resp: 523
Ion Ratio Lower Upper
198 100
51 168.7 53.2 93.2#
105 223.0 45.8 85.8#

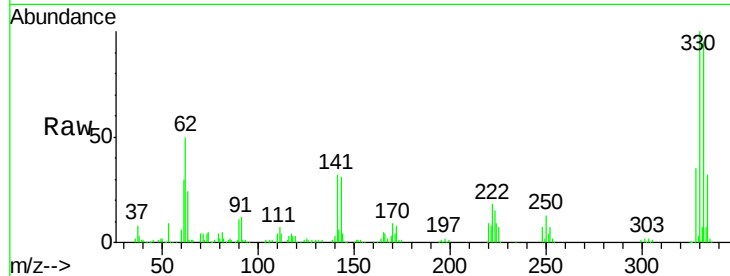




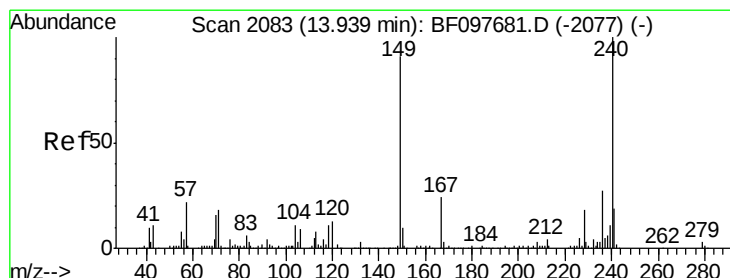
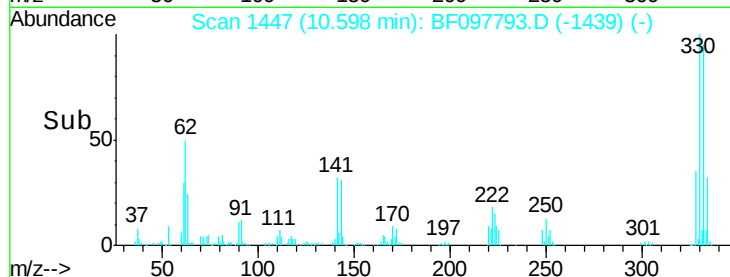
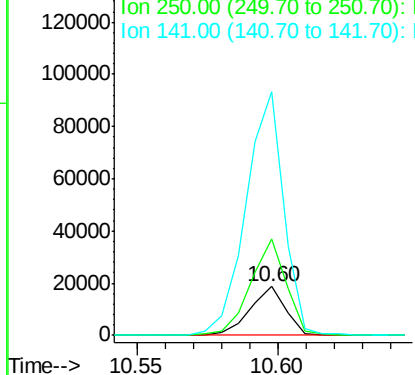
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-A

Tot Ion:248 Resp: 16360
Ion Ratio Lower Upper
248 100
250 198.1 76.8 115.2#
141 497.2 68.6 103.0#

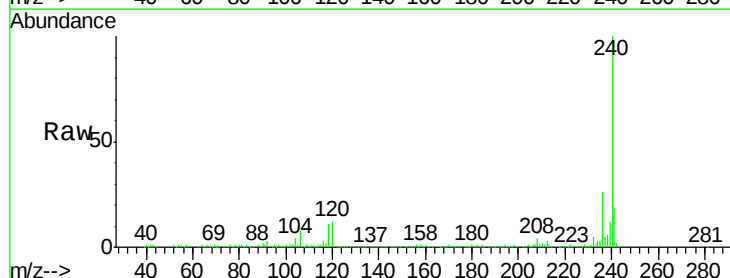


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

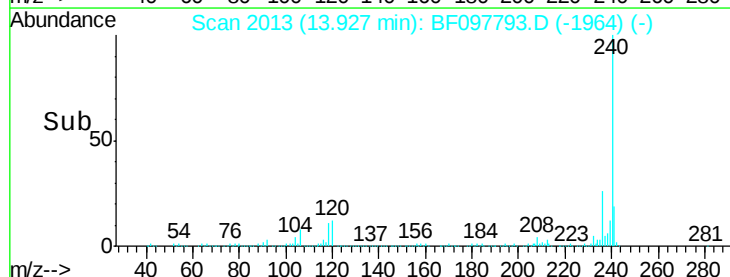
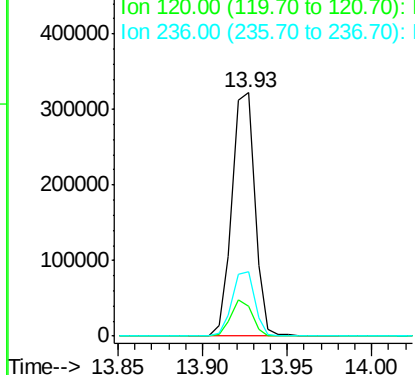


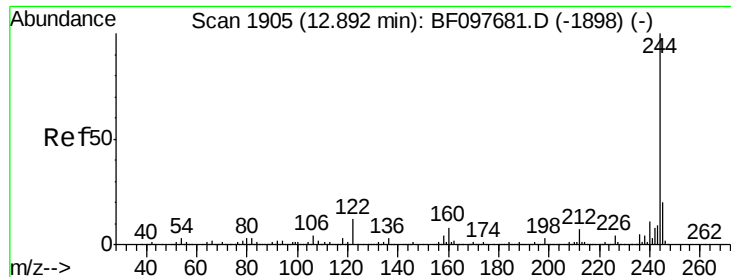
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Tgt Ion:240 Resp: 305496
Ion Ratio Lower Upper
240 100
120 12.1 5.8 8.8#
236 26.2 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: 52.35 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-A

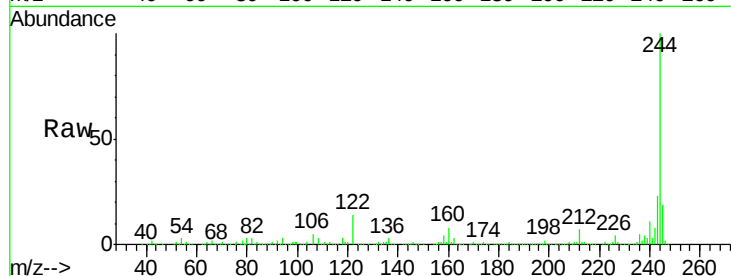
Tot Ion:244 Resp: 766893

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

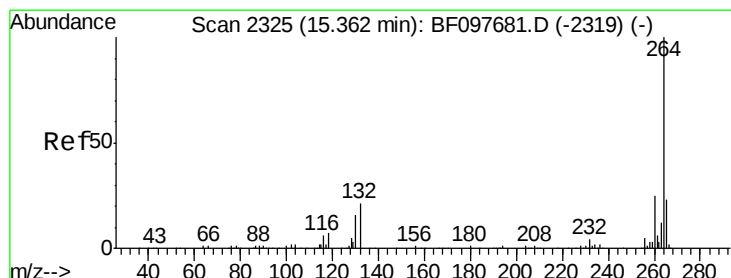
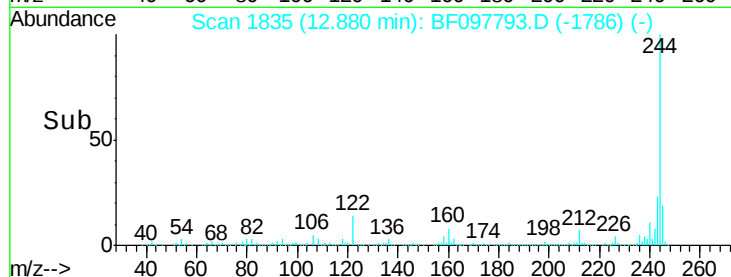
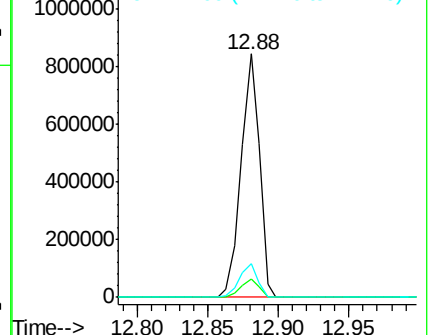
122 13.7 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

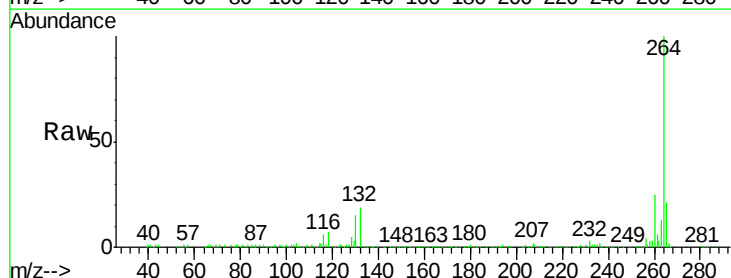
Tgt Ion:264 Resp: 294013

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

