

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097789.D
 Acq On : 17 Aug 2017 16:41
 Operator : SJ/JU
 Sample : PB101441BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Quant Time: Aug 18 01:27:31 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

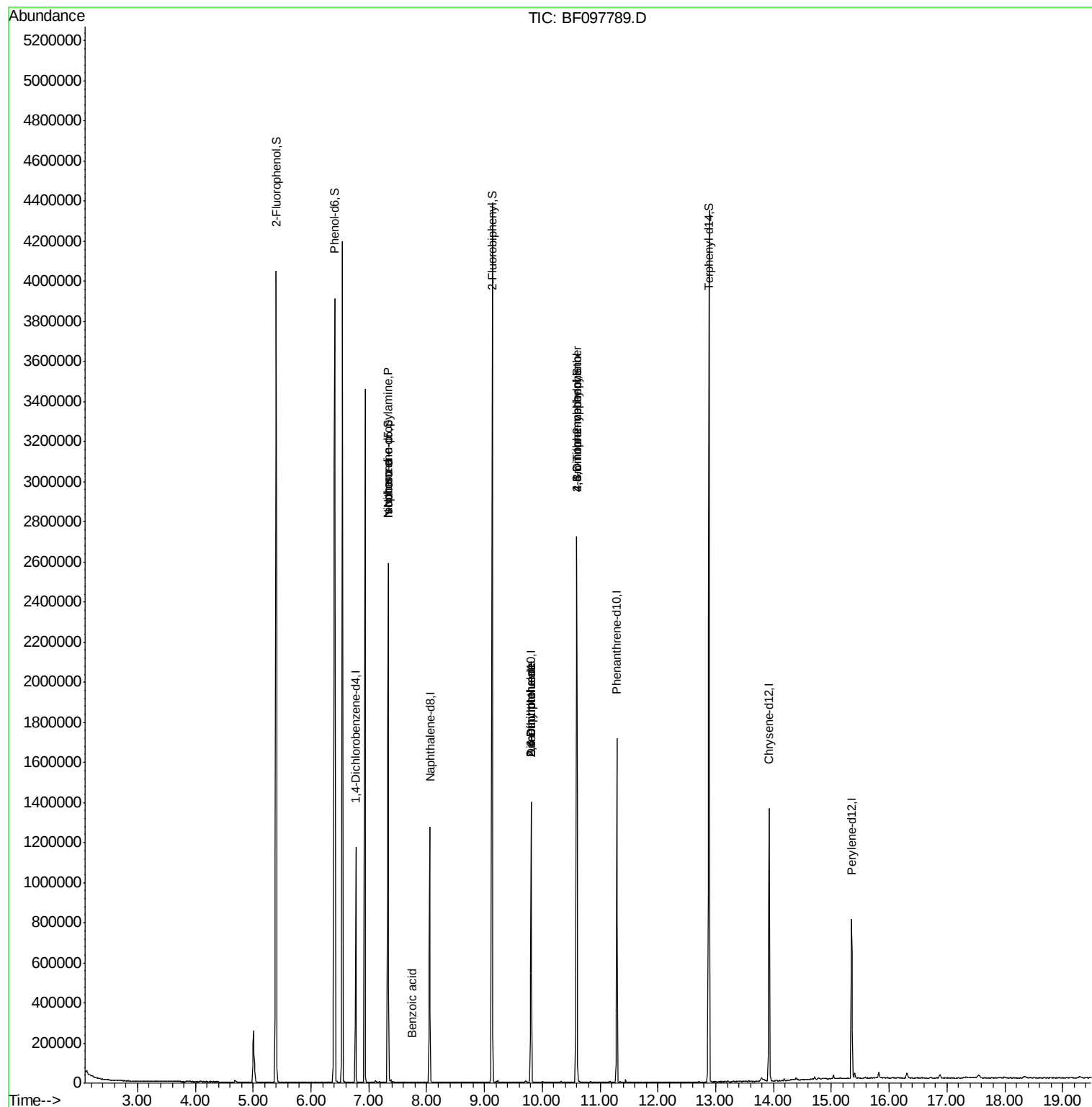
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	162502	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	634668	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	290501	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	576687	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	478279	20.00	ng	-0.01
86) Perylene-d12	15.35	264	337908	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1365961	127.86	ng	0.01
7) Phenol-d6	6.41	99	1848993	127.38	ng	0.00
23) Nitrobenzene-d5	7.34	82	1122904	96.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	378513	150.17	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1702381	86.10	ng	-0.01
78) Terphenyl-d14	12.89	244	1524467	66.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	149608	15.06	ng	# 70
25) Isophorone	7.34	82	1117006	45.98	ng	# 67
32) Benzoic acid	7.73	122	112	6.42	ng	# 1
49) Dimethylphthalate	9.81	163	83738	3.94	ng	# 1
50) 2,6-Dinitrotoluene	9.81	165	35543	8.39	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	35543	6.68	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	743	8.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	24404	4.08	ng	# 1

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

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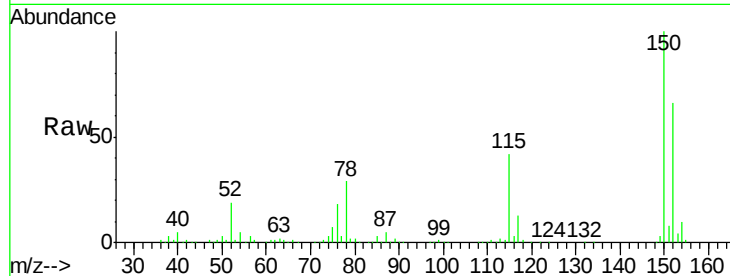


#1

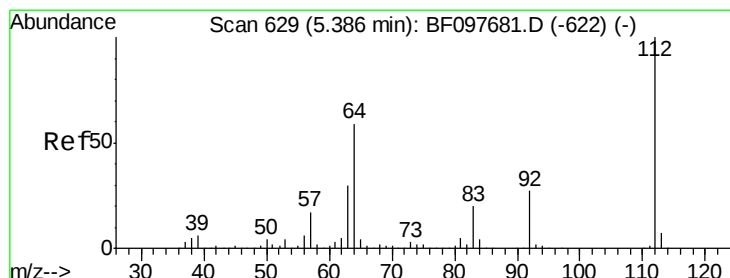
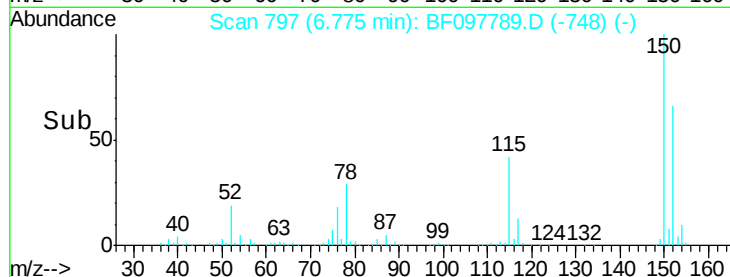
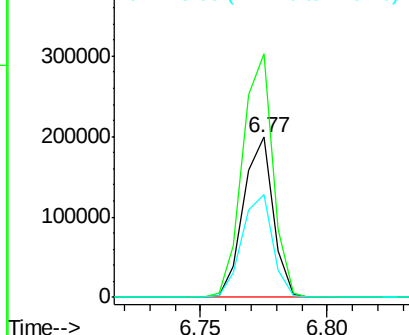
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB101441BL

Tot Ion:152 Resp: 162502
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.2
115 64.2 52.2 78.2



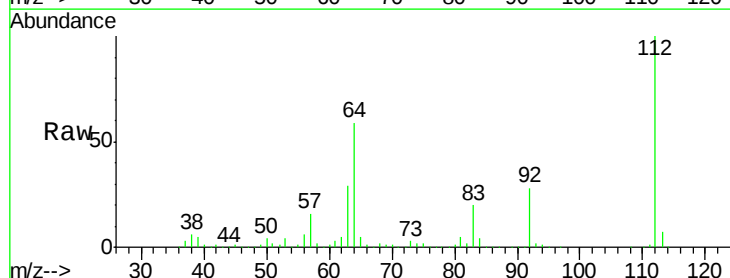
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



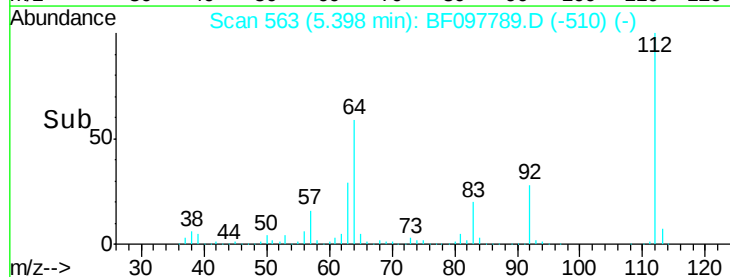
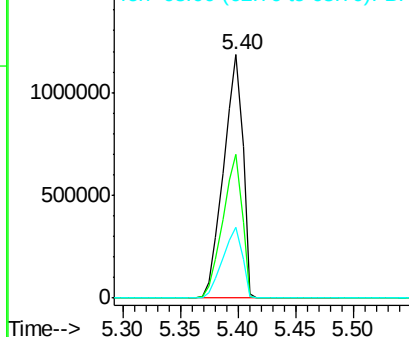
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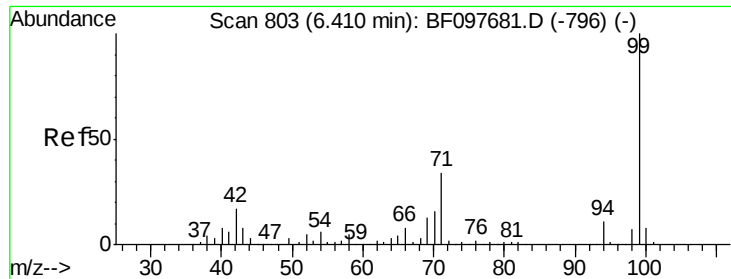
2-Fluorophenol
Concen: 127.86 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:112 Resp: 1365961
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 29.2 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: 127.38 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Instrument :

BNA_F

ClientSampleId :

PB101441BL

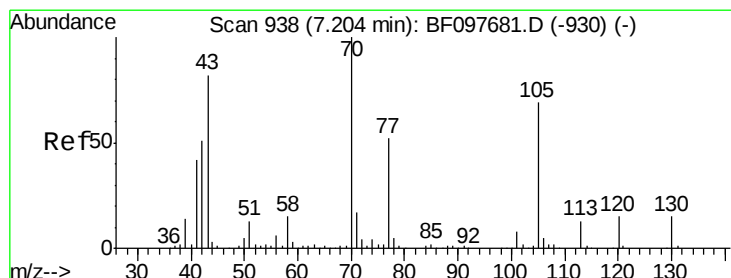
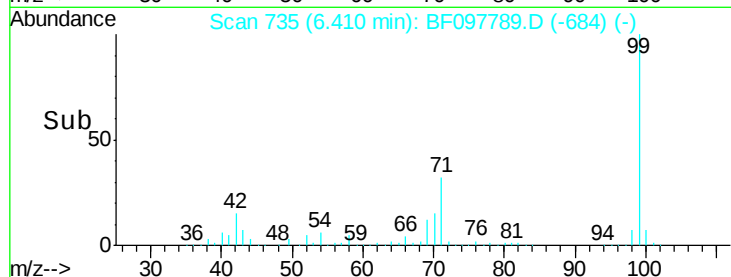
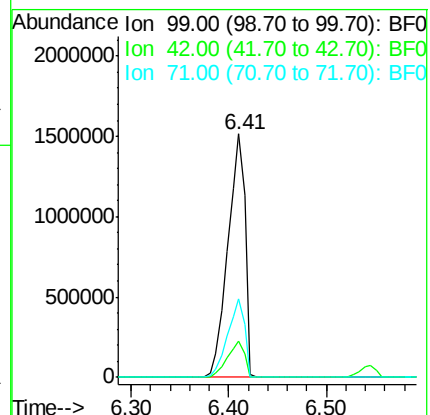
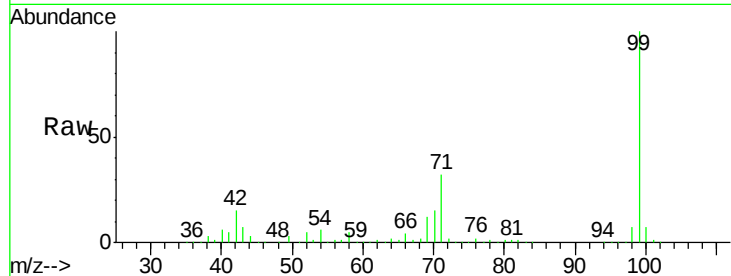
Tot Ion: 99 Resp: 1848993

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

71 32.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.06 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Tgt Ion: 70 Resp: 149608

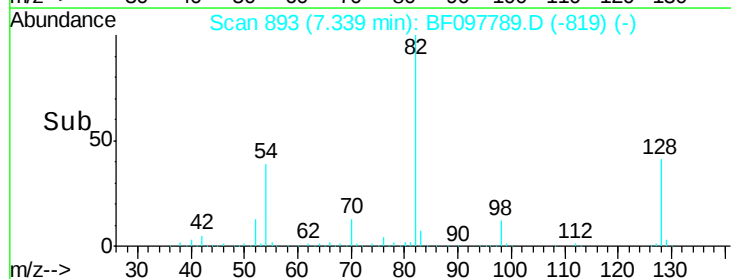
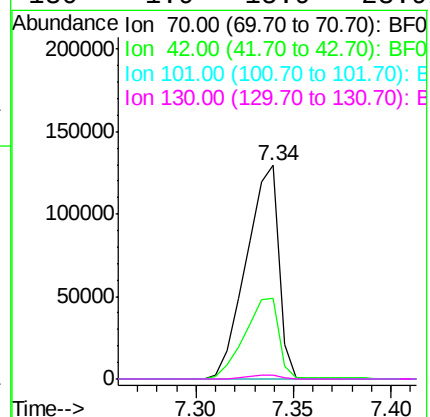
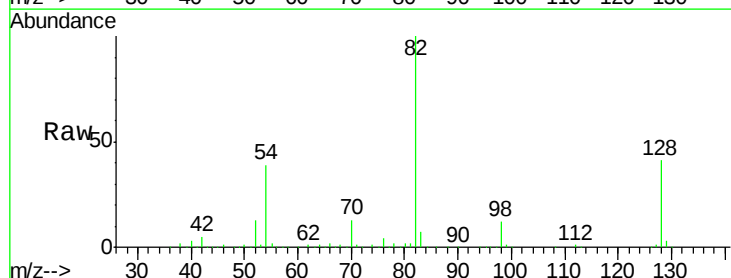
Ion Ratio Lower Upper

70 100

42 37.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 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: BF097789.D

Acq: 17 Aug 2017 16:41

Instrument :

BNA_F

ClientSampleId :

PB101441BL

Tot Ion:136 Resp: 634668

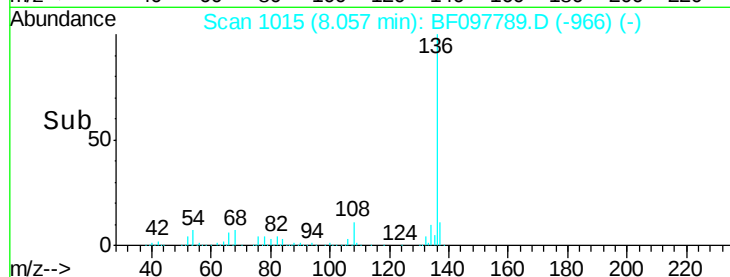
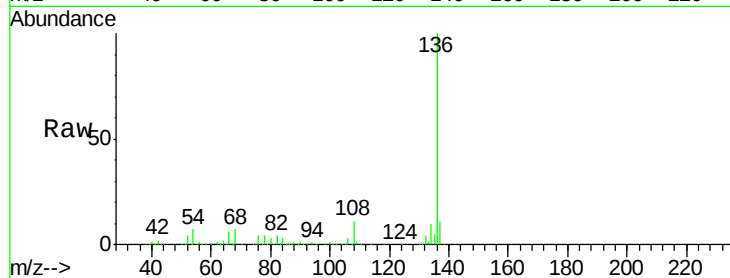
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 6.9 4.1 6.1#

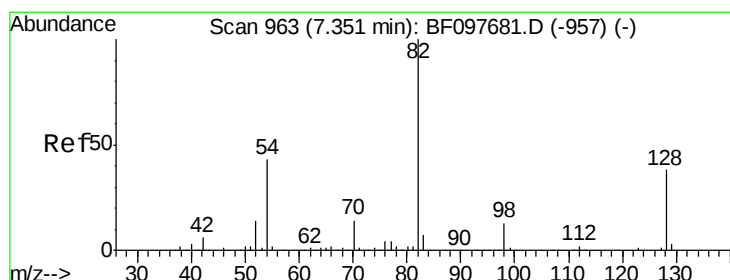
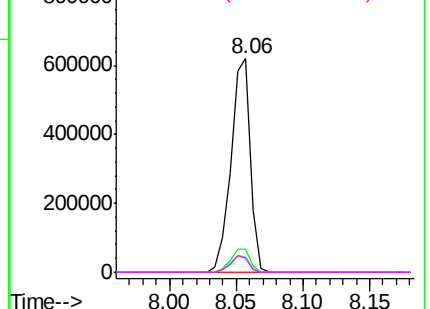


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.12 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

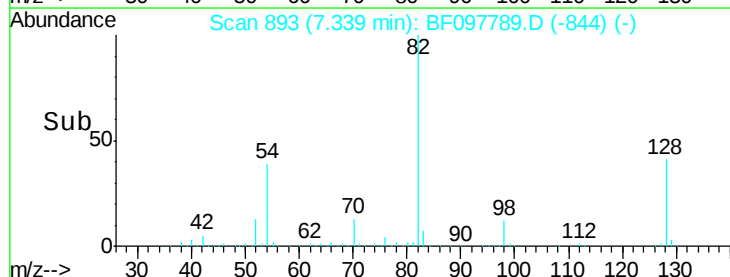
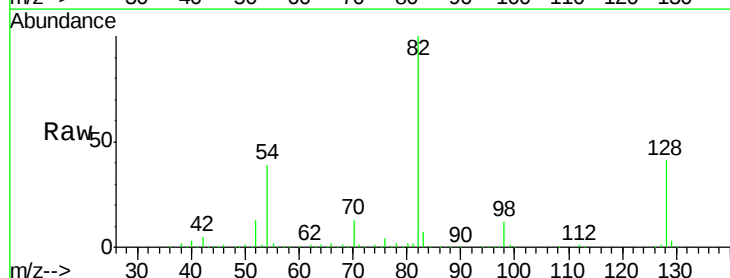
Tgt Ion: 82 Resp: 1122904

Ion Ratio Lower Upper

82 100

128 40.9 34.0 51.0

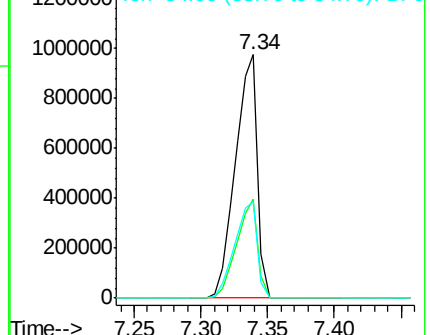
54 39.5 42.2 63.2#



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: 45.98 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Instrument :

BNA_F

ClientSampleId :

PB101441BL

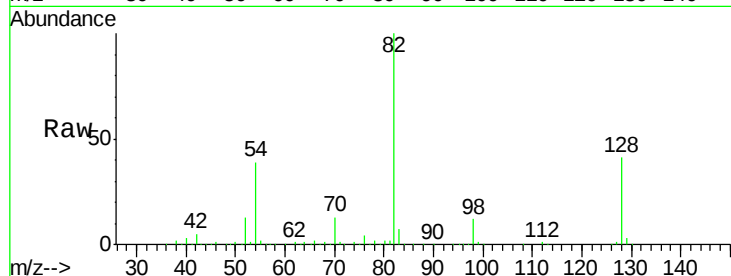
Tot Ion: 82 Resp: 1117006

Ion Ratio Lower Upper

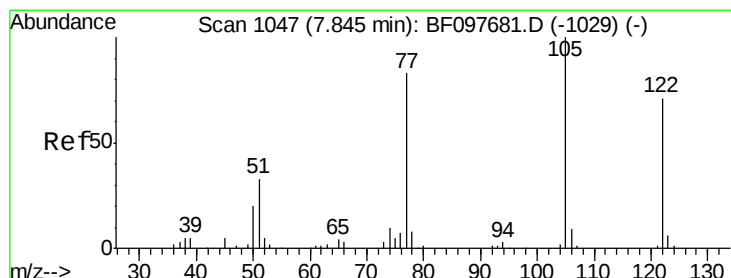
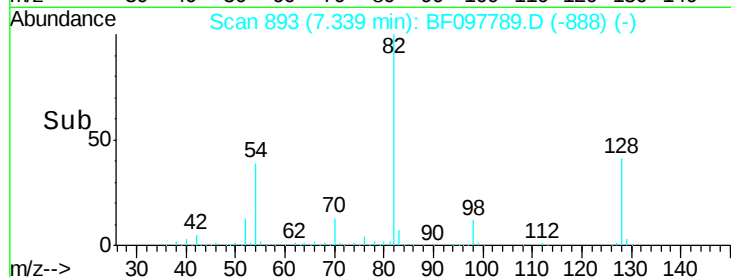
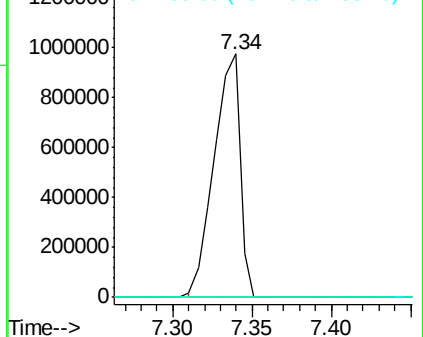
82 100

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



#32

Benzoic acid

Concen: 6.42 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.11 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

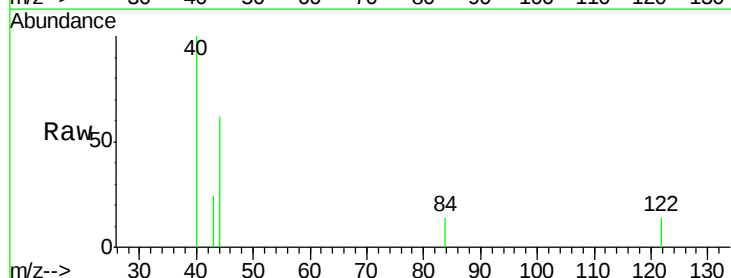
Tgt Ion: 122 Resp: 112

Ion Ratio Lower Upper

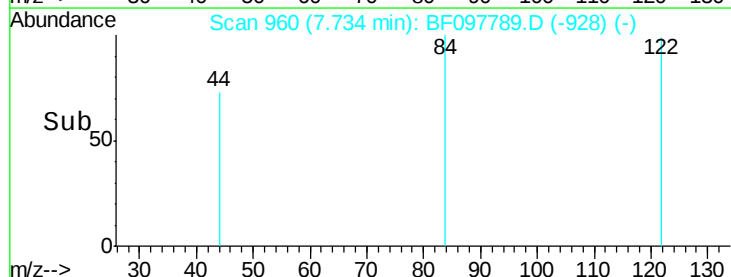
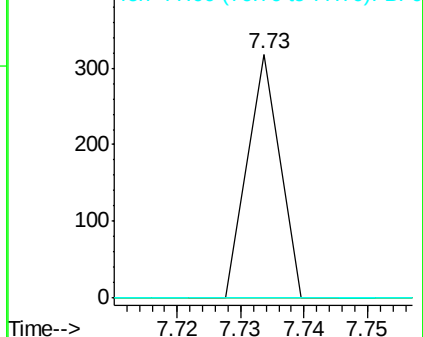
122 100

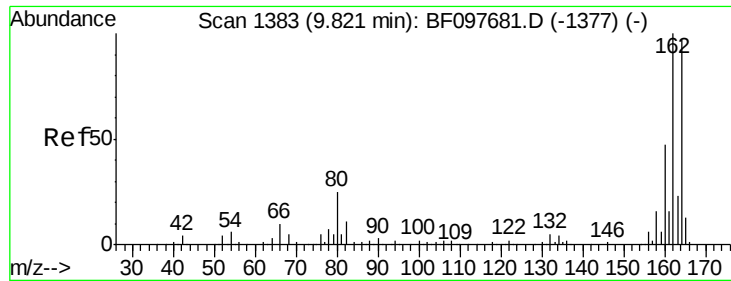
105 0.0 103.3 143.3#

77 0.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

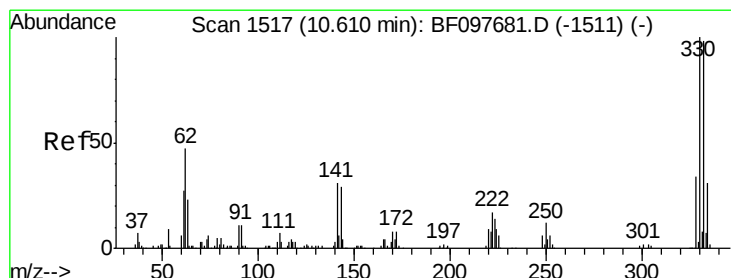
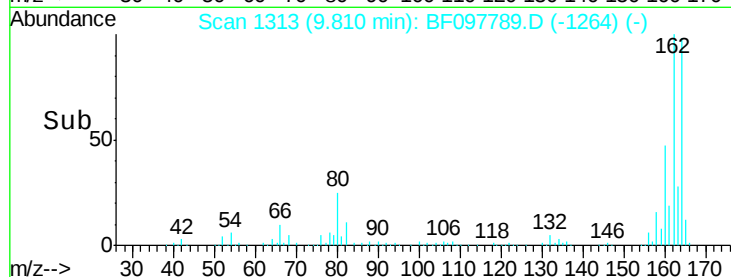
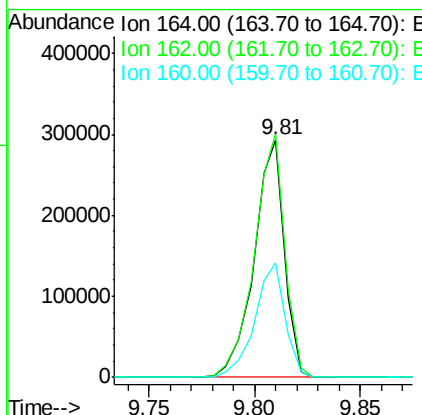
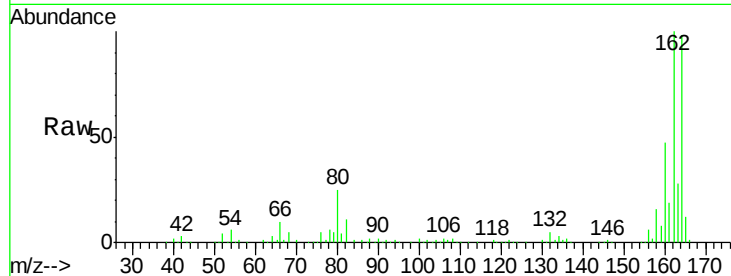




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

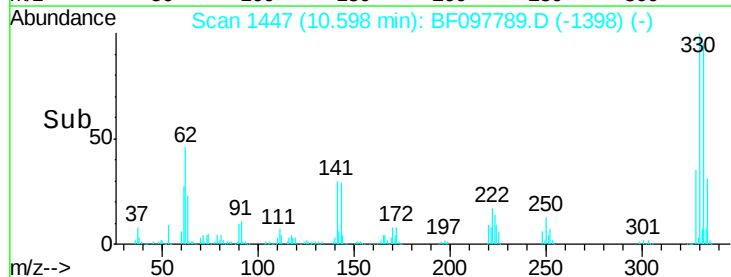
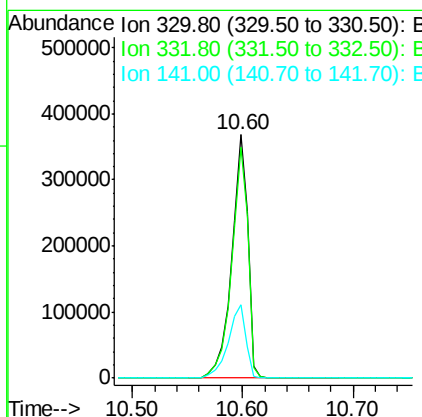
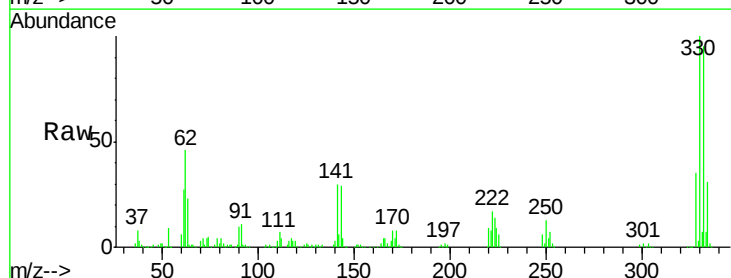
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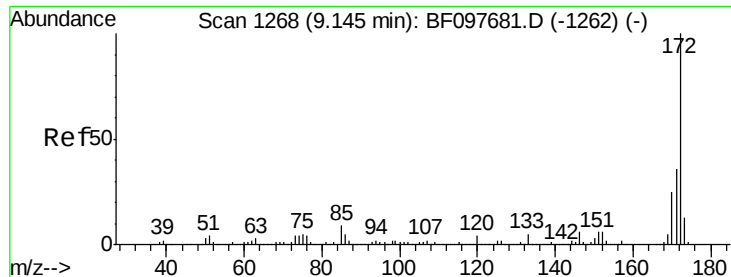
Tot Ion:164 Resp: 290501
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 48.0 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 150.17 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:330 Resp: 378513
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 33.0 31.4 47.2

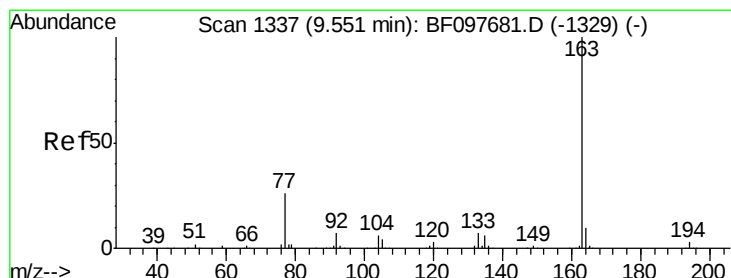
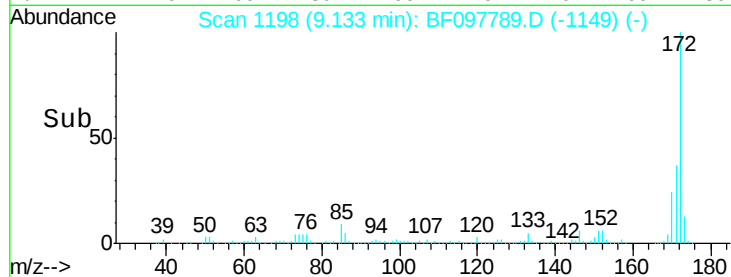
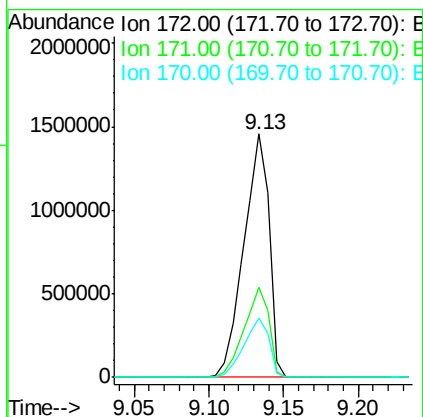
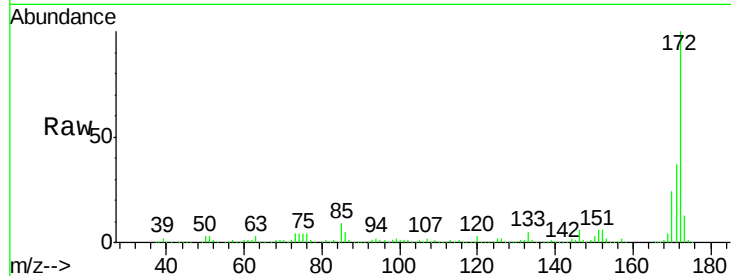




#44
2-Fluorobiphenyl
Concen: 86.10 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

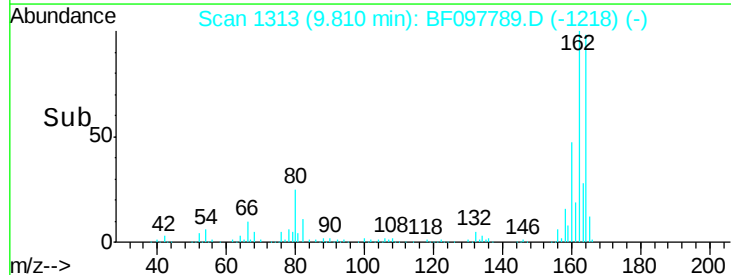
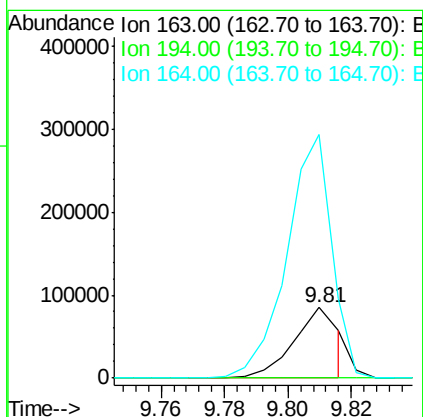
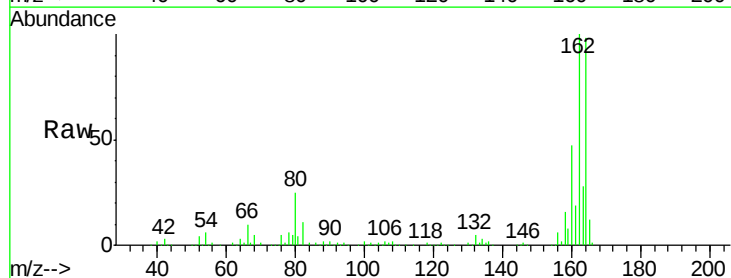
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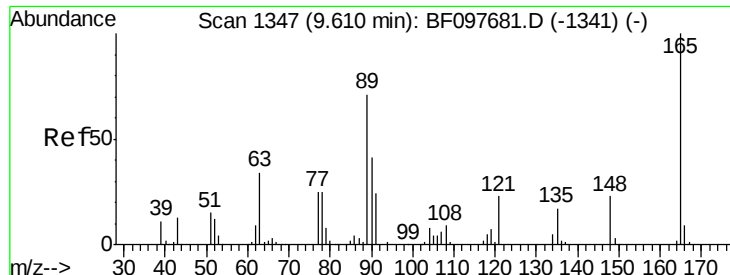
Tot Ion:172 Resp: 1702381
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 3.94 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.26 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:163 Resp: 83738
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 346.8 8.4 12.6#

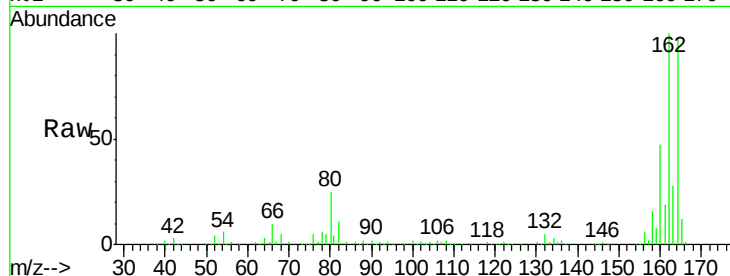




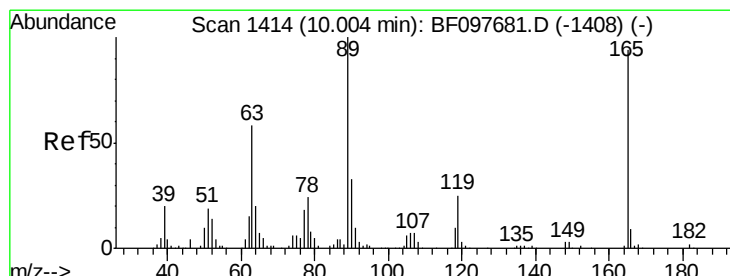
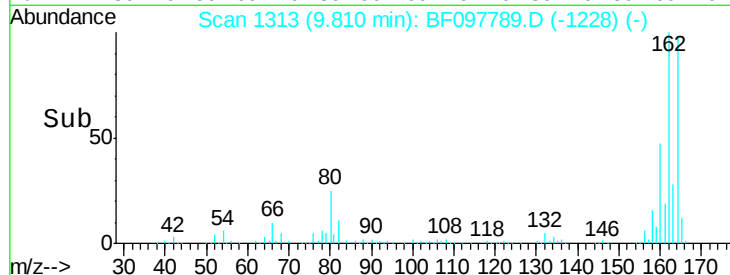
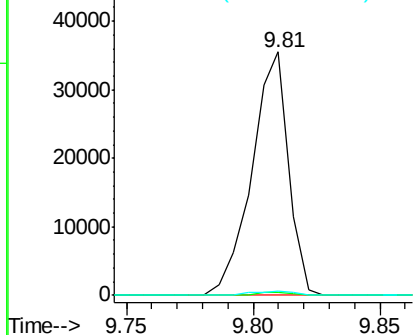
#50
 2,6-Dinitrotoluene
 Concen: 8.39 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF097789.D
 Acq: 17 Aug 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.7	37.1	55.7#



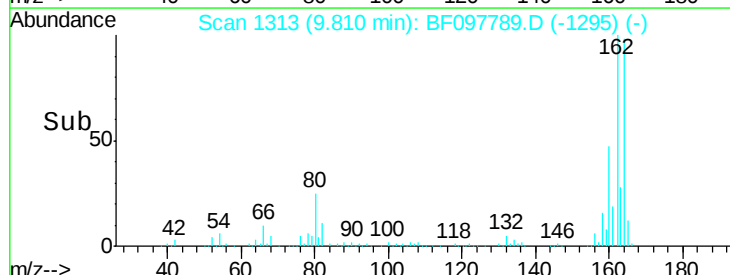
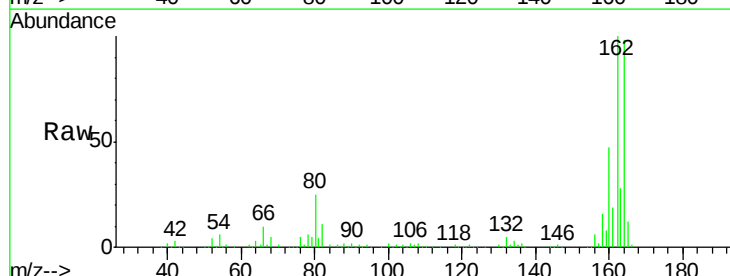
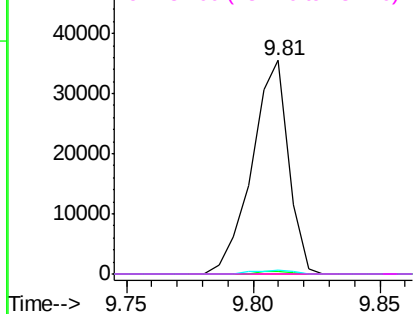
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

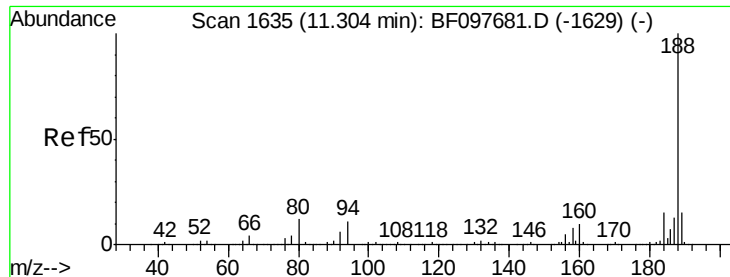


#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097789.D
 Acq: 17 Aug 2017 16:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

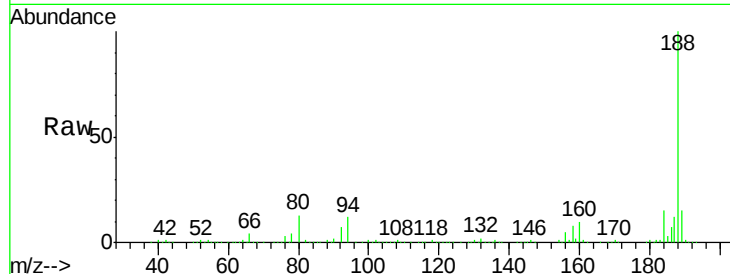




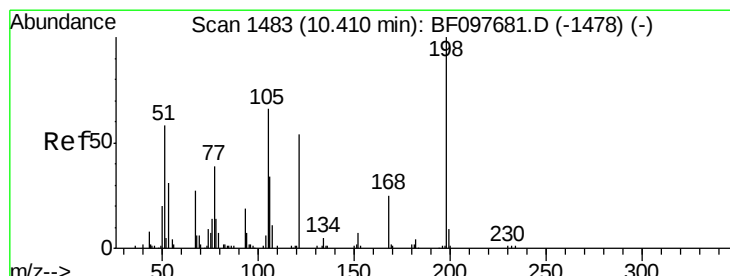
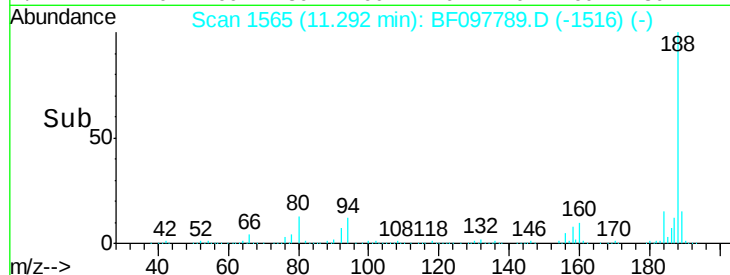
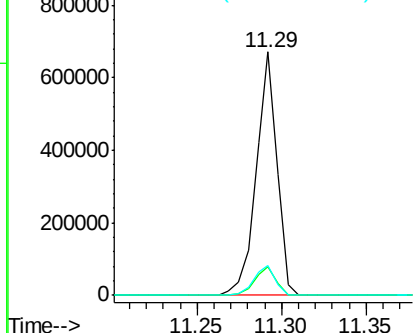
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB101441BL

Tot Ion:188 Resp: 576687
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.5 10.2 15.2

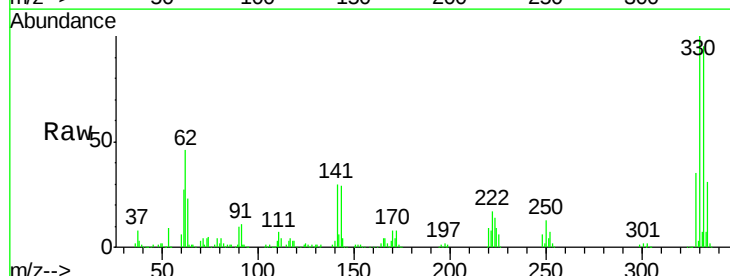


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

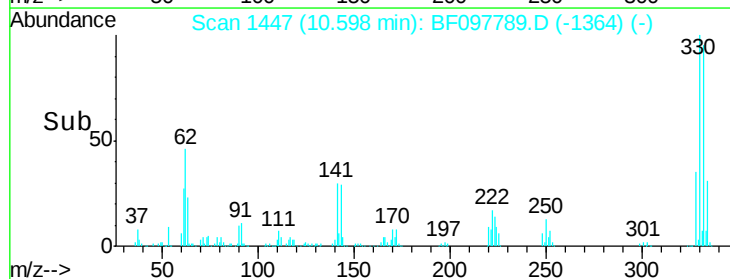
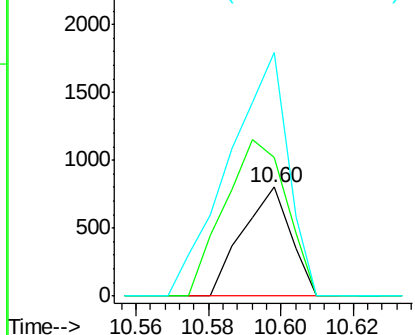


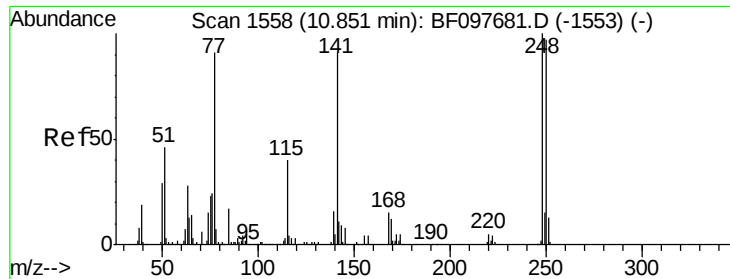
#64
4,6-Dinitro-2-methylphenol
Concen: 8.55 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:198 Resp: 743
Ion Ratio Lower Upper
198 100
51 127.5 53.2 93.2#
105 224.1 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

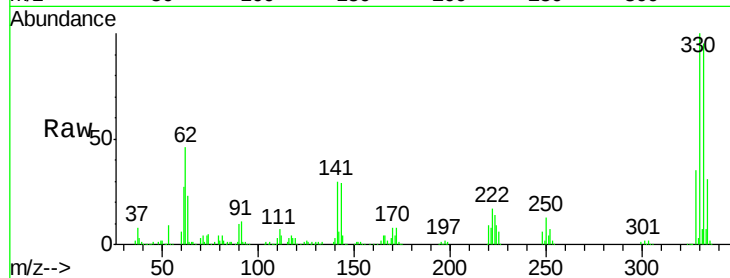




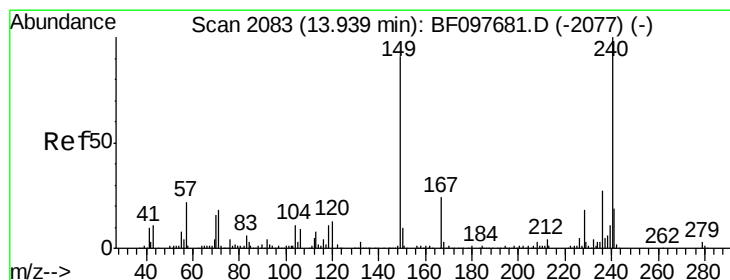
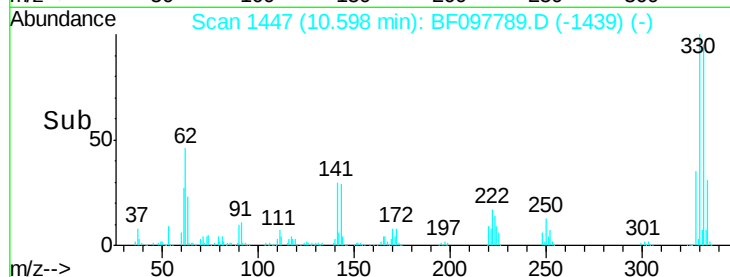
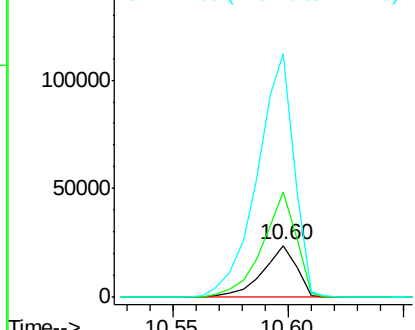
#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Instrument :
BNA_F
ClientSampled :
PB101441BL

Tot Ion:248 Resp: 24404
Ion Ratio Lower Upper
248 100
250 202.9 76.8 115.2#
141 467.9 68.6 103.0#

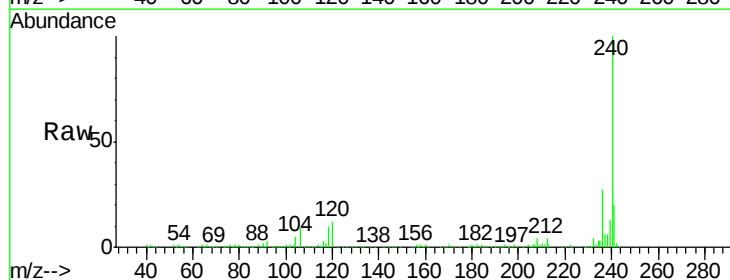


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

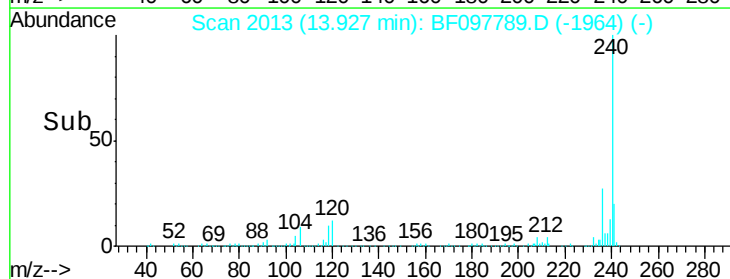
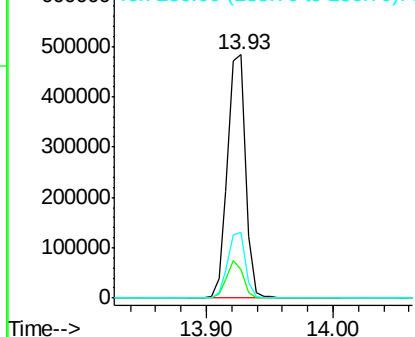


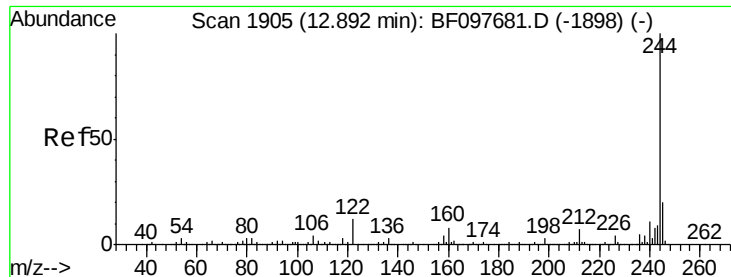
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:240 Resp: 478279
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: 66.47 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Instrument :

BNA_F

ClientSampleId :

PB101441BL

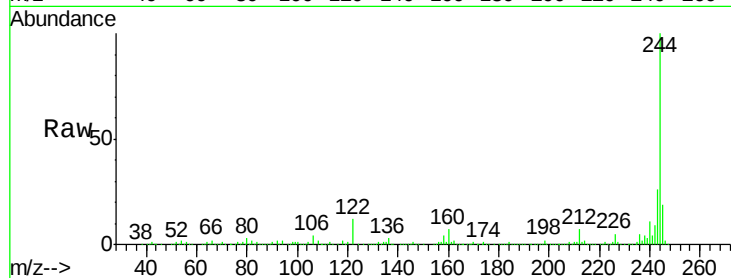
Tot Ion:244 Resp: 1524467

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

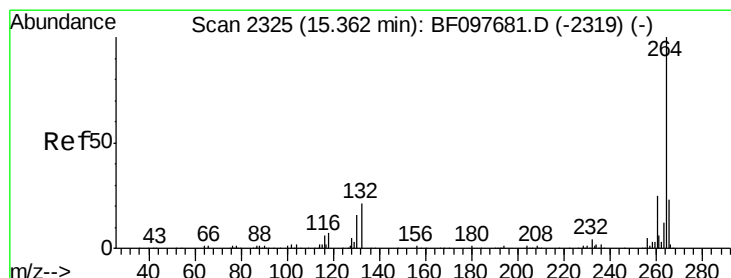
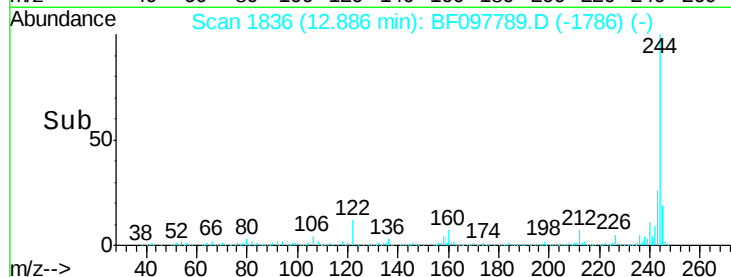
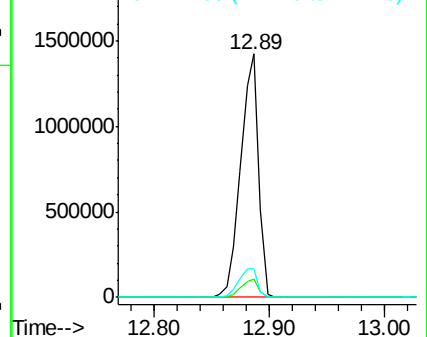
122 11.7 10.3 15.5



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: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

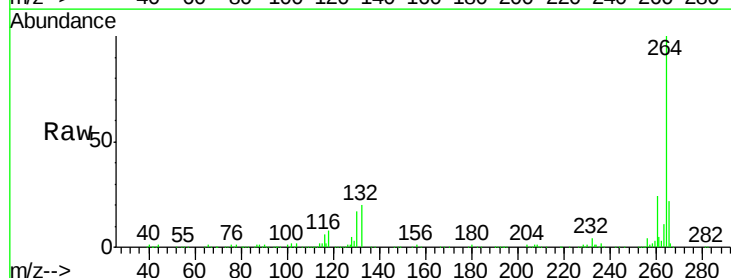
Tgt Ion:264 Resp: 337908

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.1 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

