

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097842.D
 Acq On : 18 Aug 2017 19:37
 Operator : SJ/JU
 Sample : PB101580BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101580BL

Quant Time: Aug 19 00:12:52 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

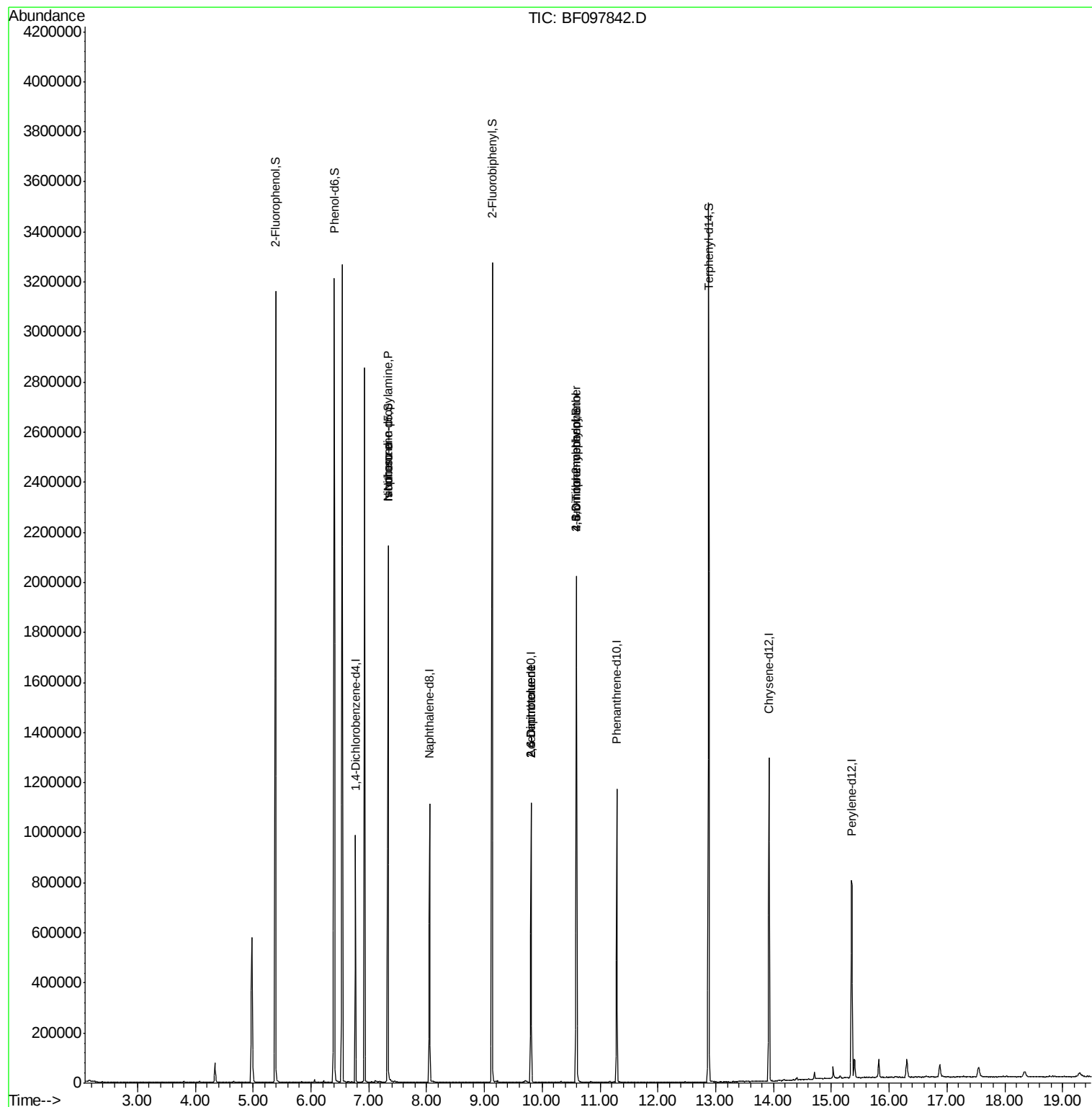
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	120868	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	486165	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	217395	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	438354	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	414158	20.00	ng	-0.02
86) Perylene-d12	15.36	264	364329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	952255	119.84	ng	0.00
7) Phenol-d6	6.40	99	1268588	117.50	ng	0.00
23) Nitrobenzene-d5	7.33	82	787304	87.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	252630	133.93	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1185891	80.15	ng	-0.01
78) Terphenyl-d14	12.88	244	1116542	56.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	107546	14.55	ng	# 73
25) Isophorone	7.33	82	783846	42.12	ng	# 67
50) 2,6-Dinitrotoluene	9.80	165	27957	8.81	ng	# 34
56) 2,4-Dinitrotoluene	9.80	165	27957	7.02	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	629	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	16665	3.66	ng	# 1

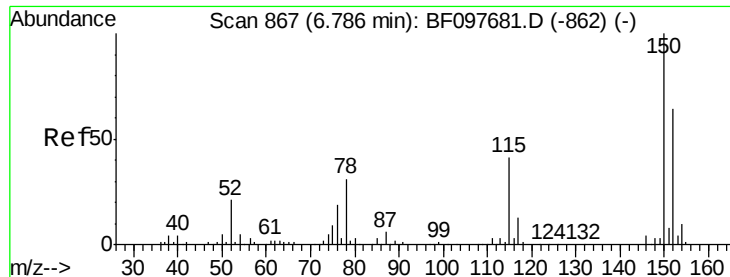
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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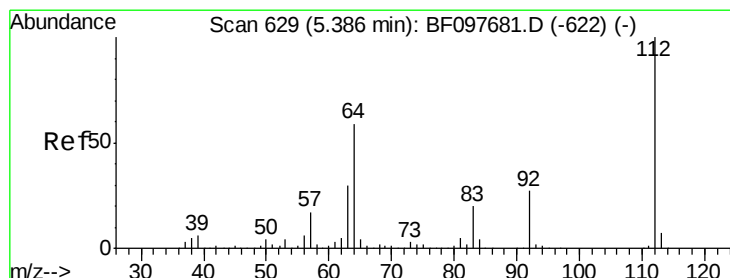
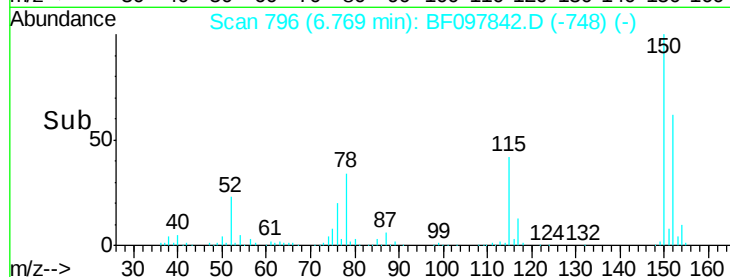
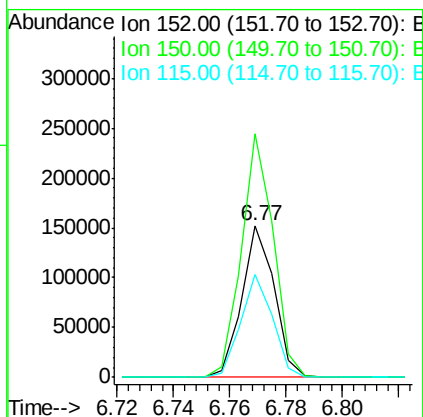
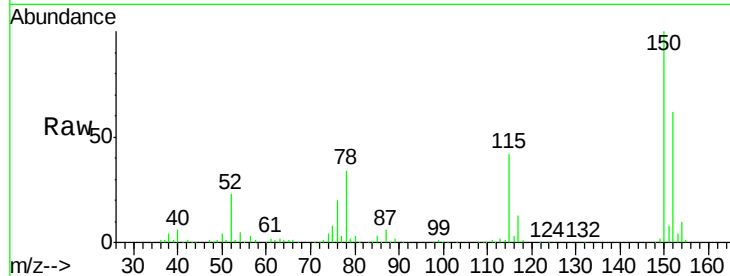


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB101580BL

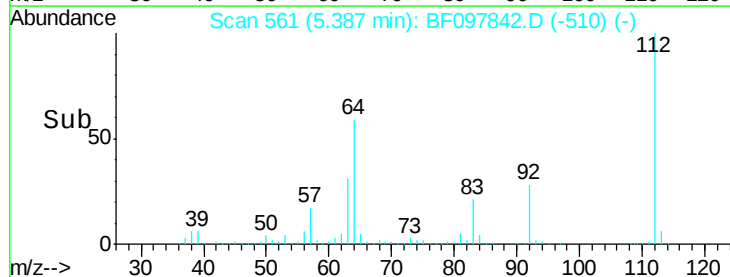
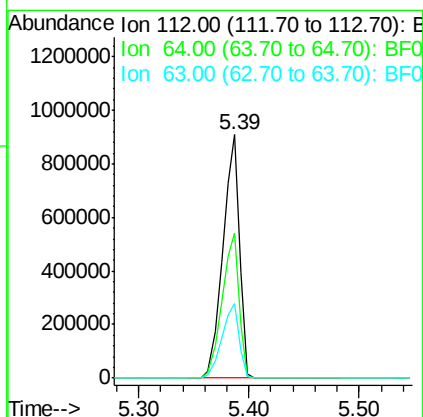
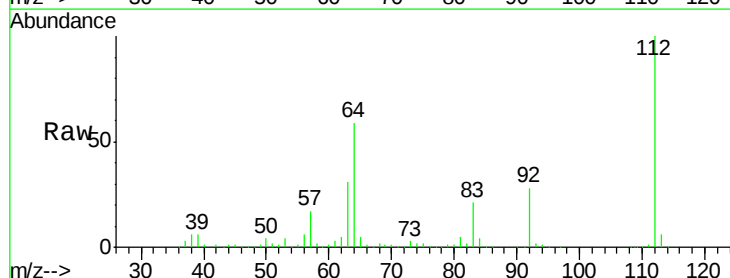
Tot Ion:152 Resp: 120868
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 67.5 52.2 78.2

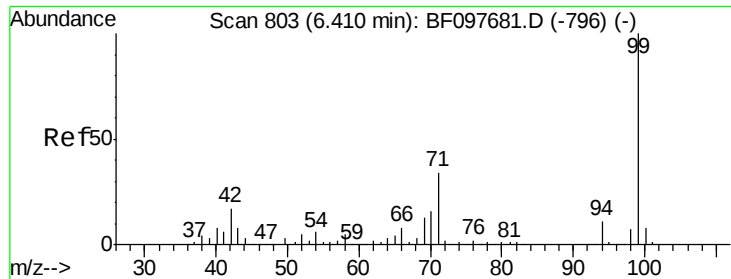


#5

2-Fluorophenol
Concen: 119.84 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Tgt Ion:112 Resp: 952255
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 117.50 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Instrument :

BNA_F

ClientSampleId :

PB101580BL

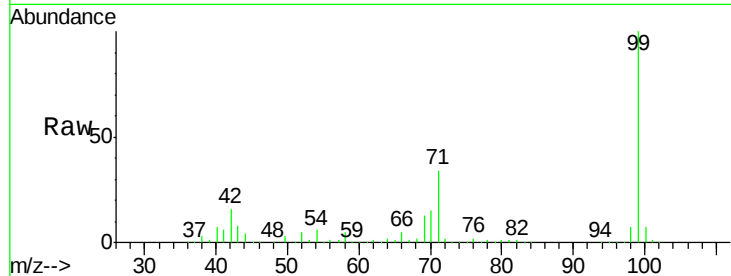
Tot Ion: 99 Resp: 1268588

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

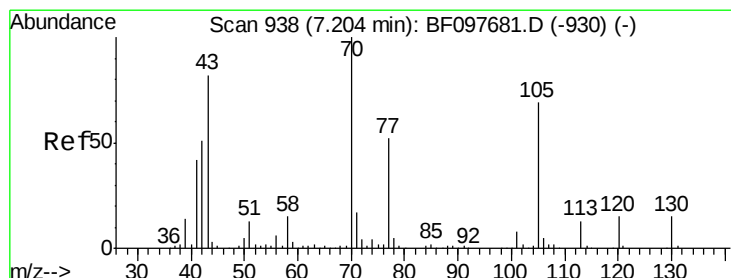
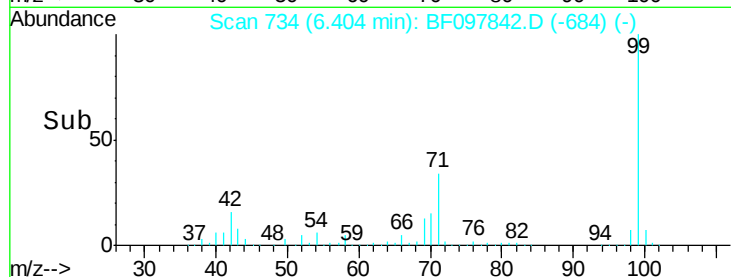
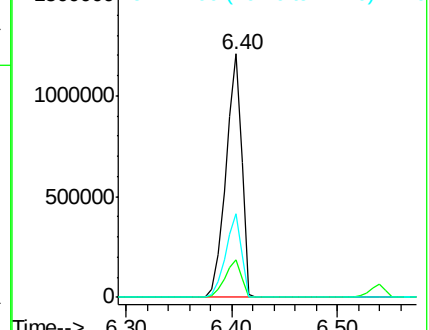
71 34.1 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.55 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.13 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Tgt Ion: 70 Resp: 107546

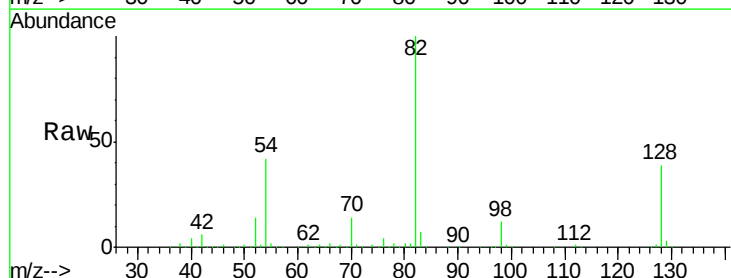
Ion Ratio Lower Upper

70 100

42 41.2 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

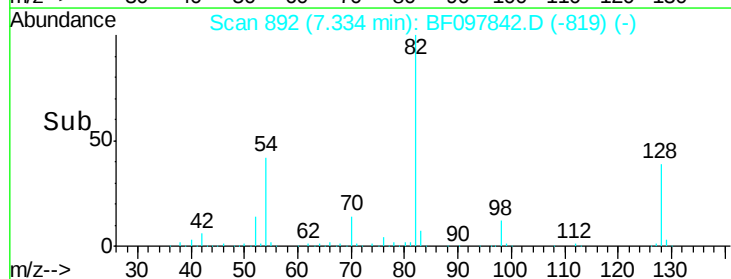
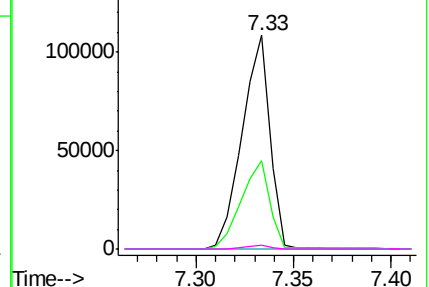


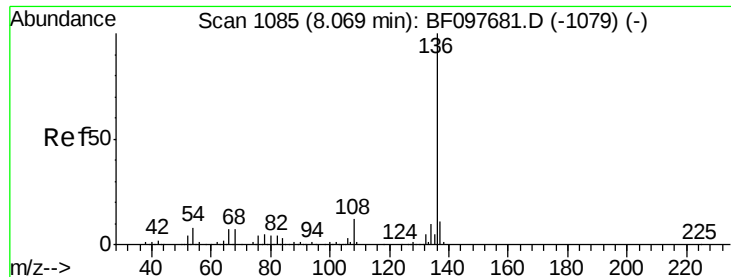
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Instrument :

BNA_F

ClientSampleId :

PB101580BL

Tot Ion:136 Resp: 486165

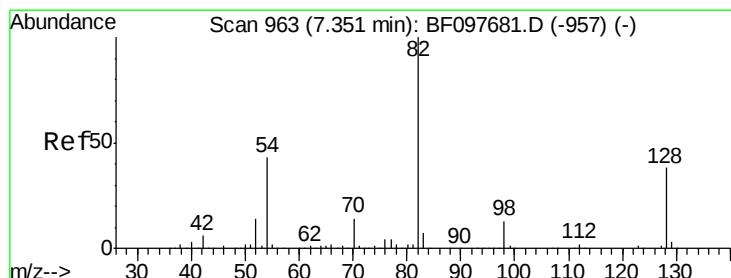
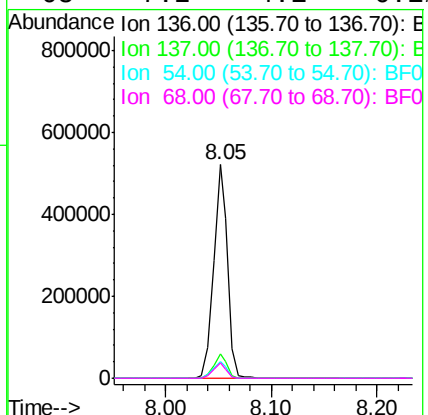
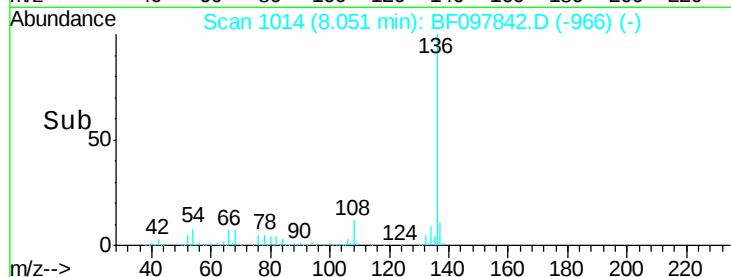
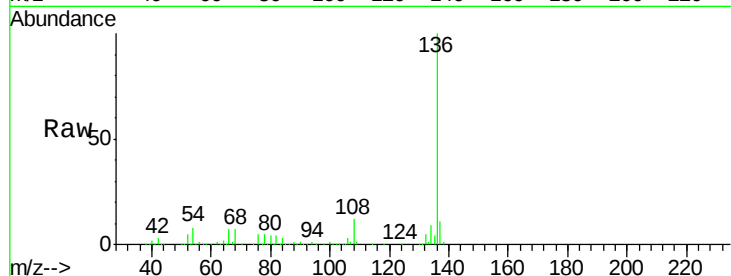
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.1 4.9 7.3#

68 7.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 87.97 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

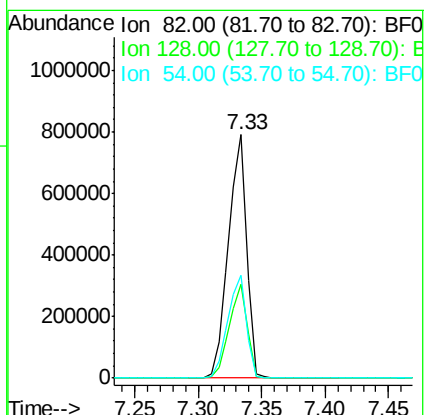
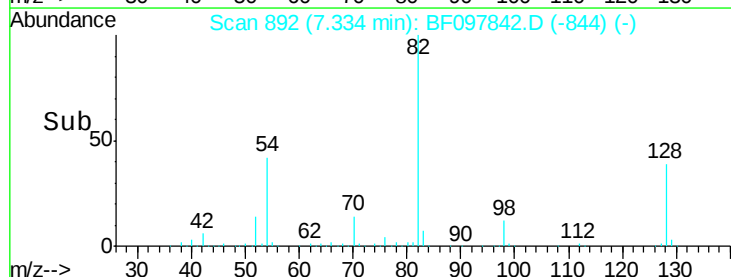
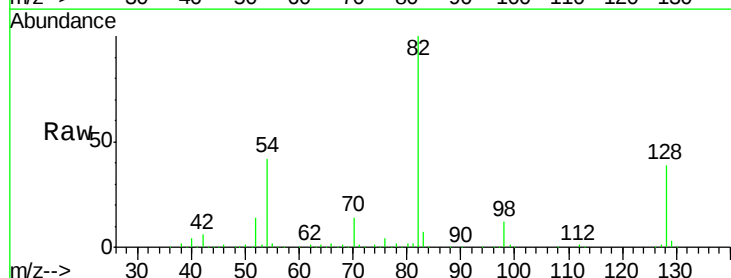
Tgt Ion: 82 Resp: 787304

Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

54 42.4 42.2 63.2

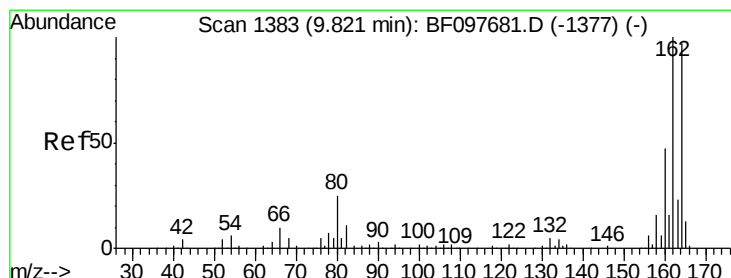
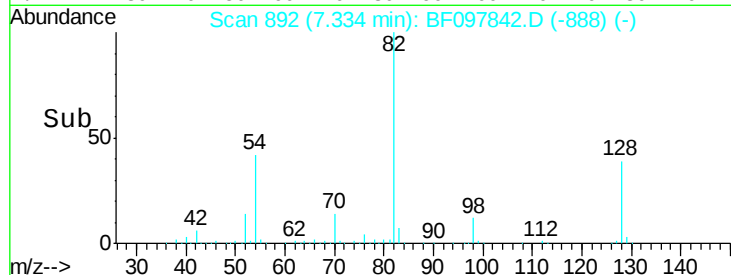
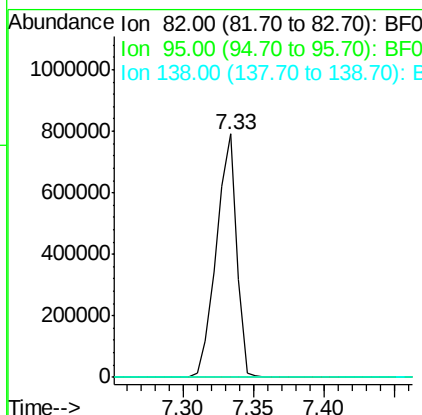
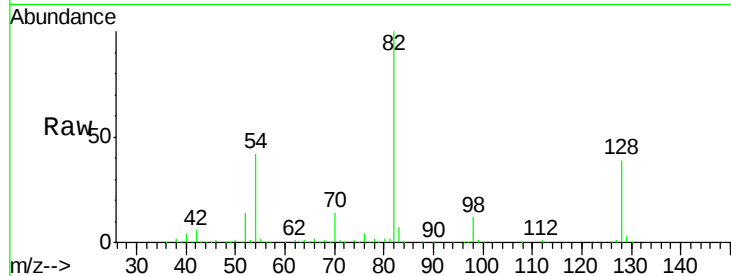




#25
Isophorone
Concen: 42.12 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

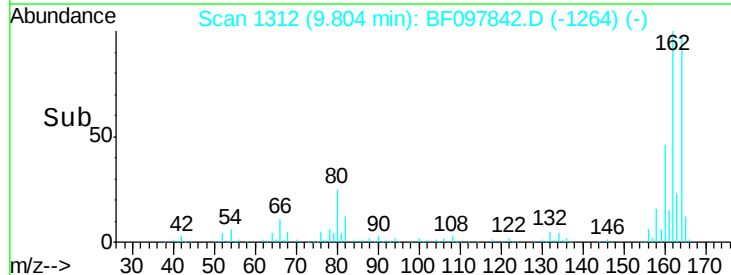
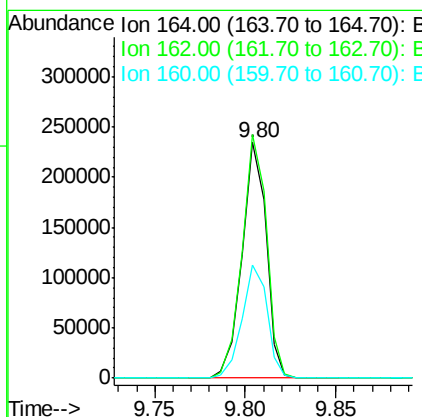
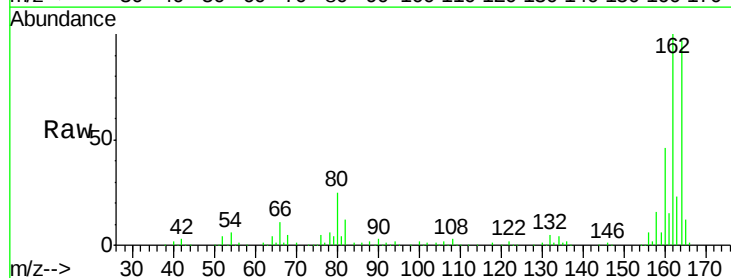
Instrument :
BNA_F
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PB101580BL

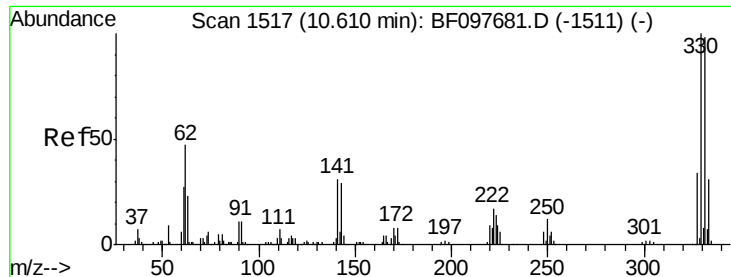
Tot Ion: 82 Resp: 783846
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Tgt Ion: 164 Resp: 217395
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 48.0 36.2 54.2

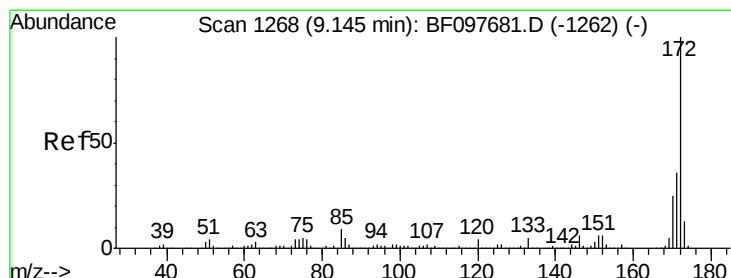
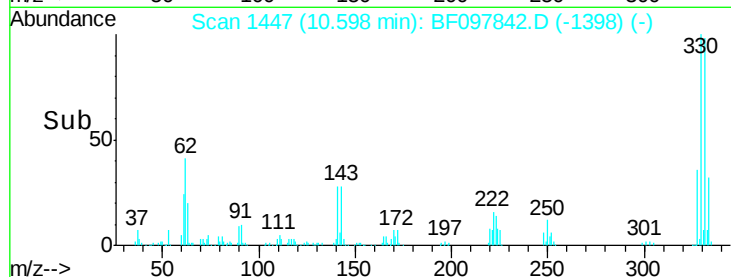
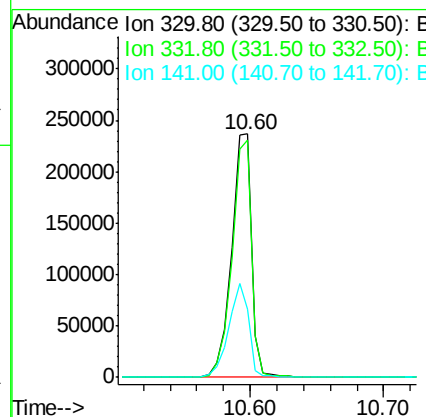
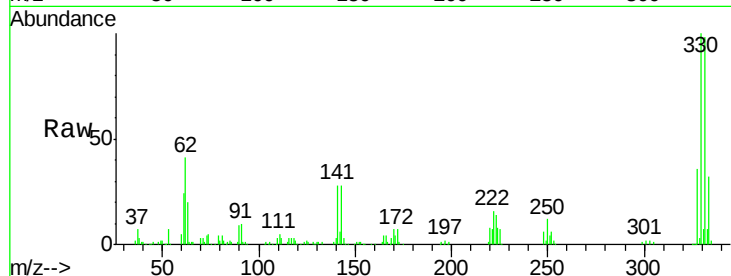




#41
 2,4,6-Tribromophenol
 Concen: 133.93 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

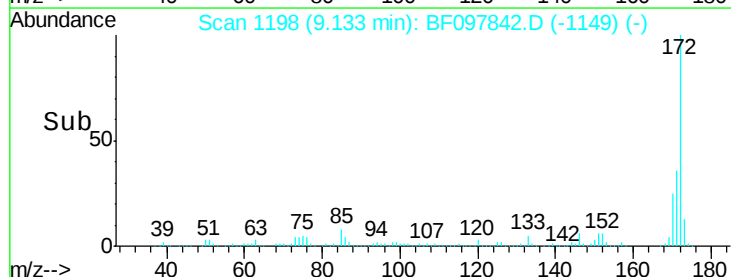
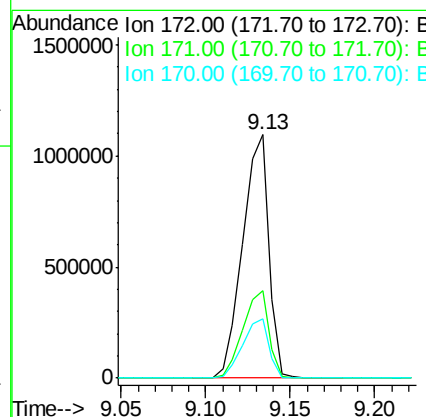
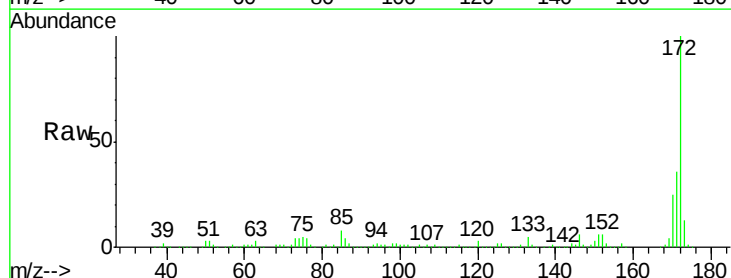
Instrument :
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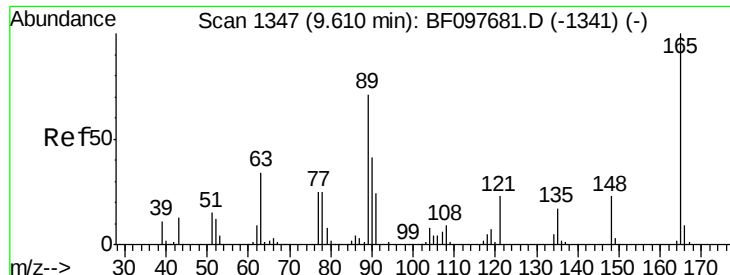
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.15 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.6	19.8	29.8

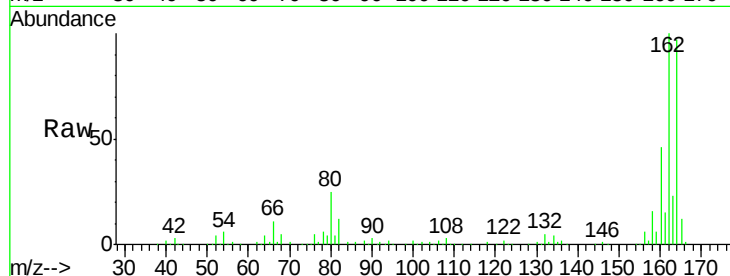




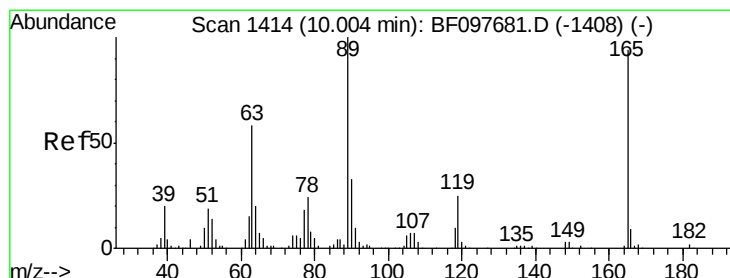
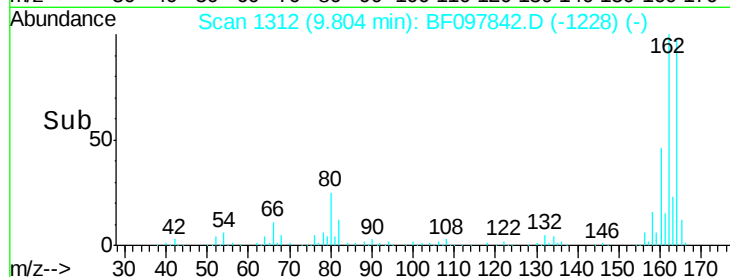
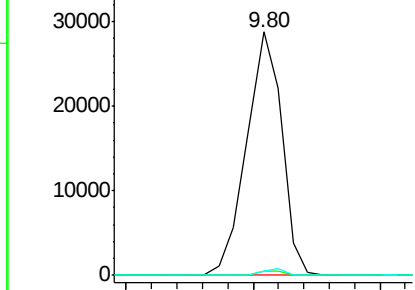
#50
 2,6-Dinitrotoluene
 Concen: 8.81 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB101580BL

Tot Ion:	165	Resp:	27957
Ion Ratio	Lower	Upper	
165	100		
63	1.7	34.3	51.5#
89	1.7	37.1	55.7#

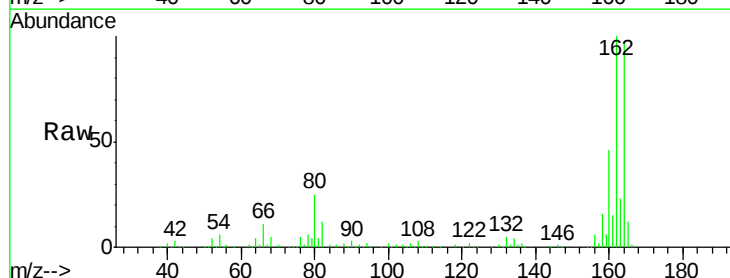


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

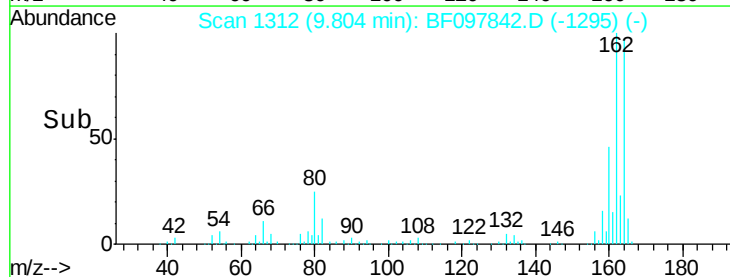
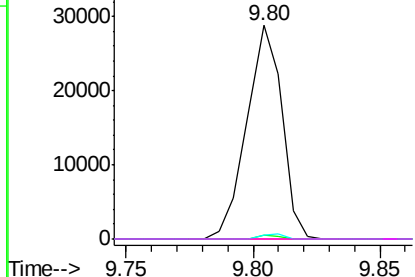


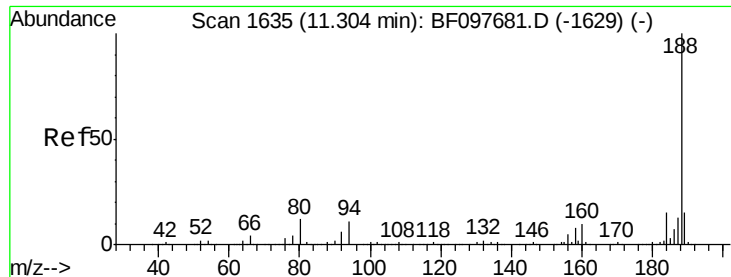
#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Tgt Ion:	165	Resp:	27957
Ion Ratio	Lower	Upper	
165	100		
63	1.7	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

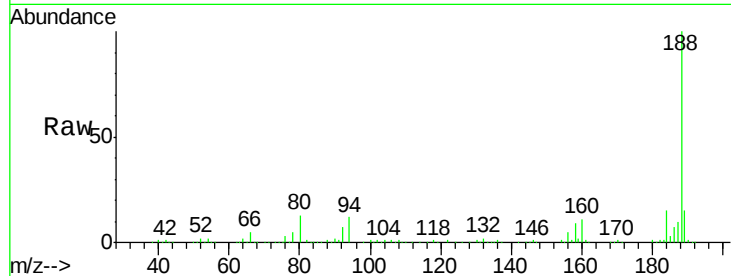




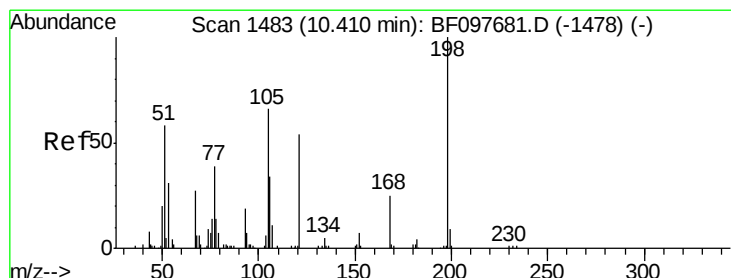
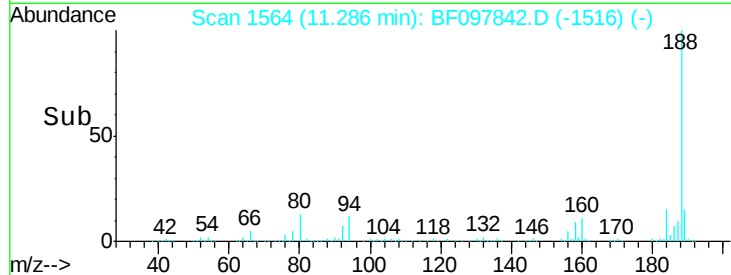
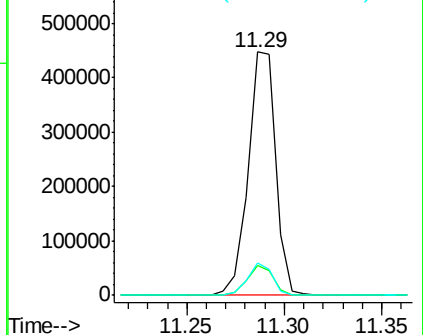
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB101580BL

Tot Ion:188 Resp: 438354
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.1 10.2 15.2

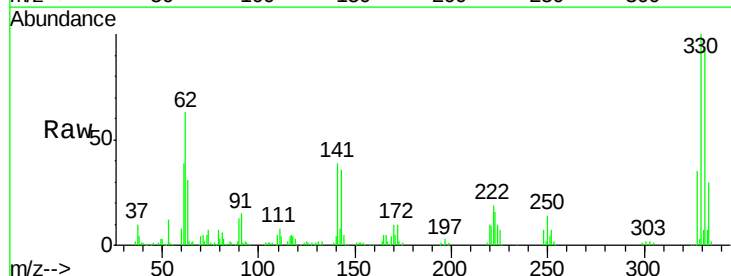


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

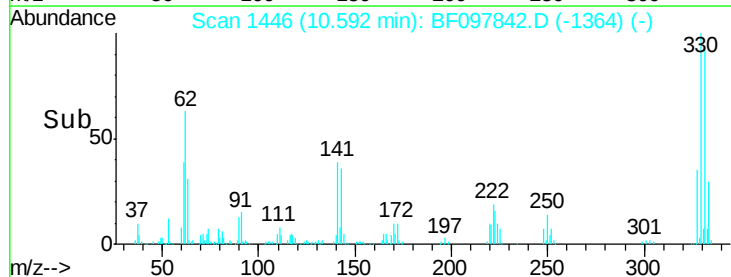
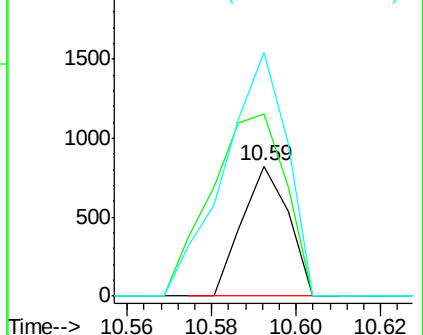


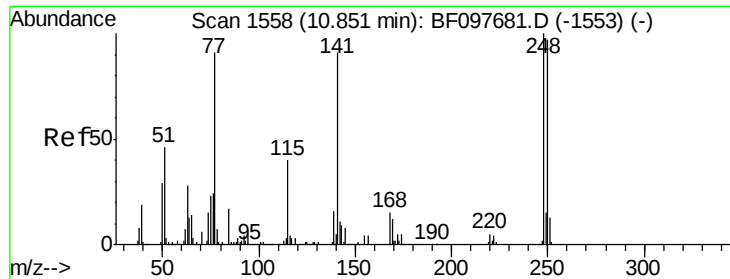
#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Tgt Ion:198 Resp: 629
Ion Ratio Lower Upper
198 100
51 140.1 53.2 93.2#
105 187.5 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

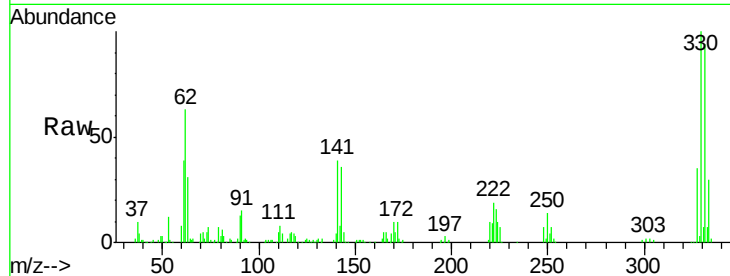




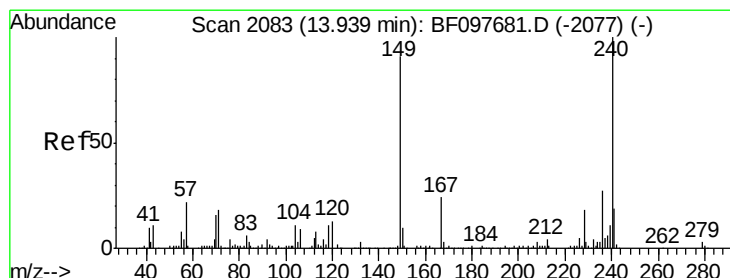
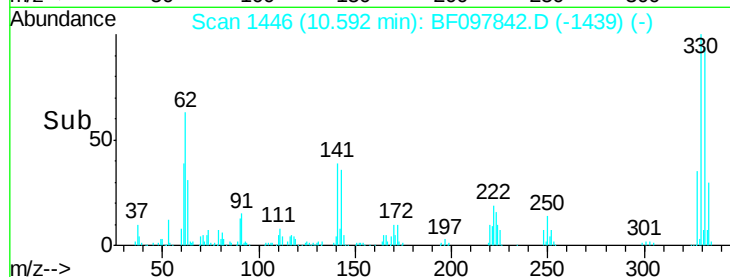
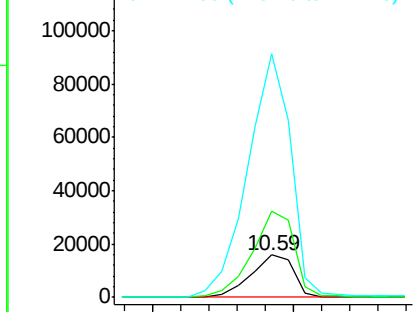
#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.26 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB101580BL

Tot Ion:248 Resp: 16665
 Ion Ratio Lower Upper
 248 100
 250 203.4 76.8 115.2#
 141 572.8 68.6 103.0#

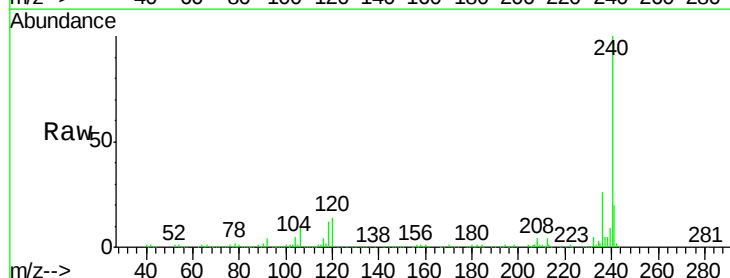


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

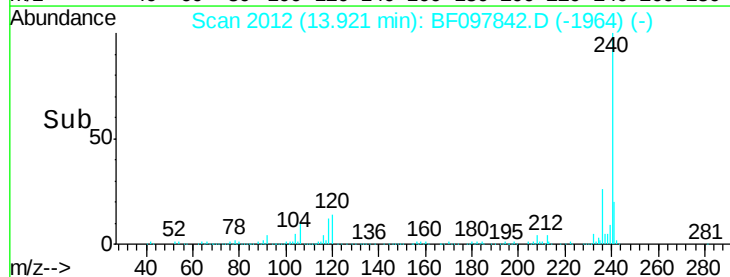
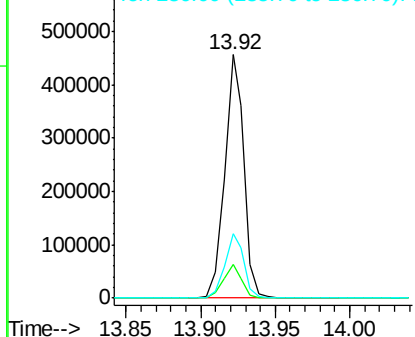


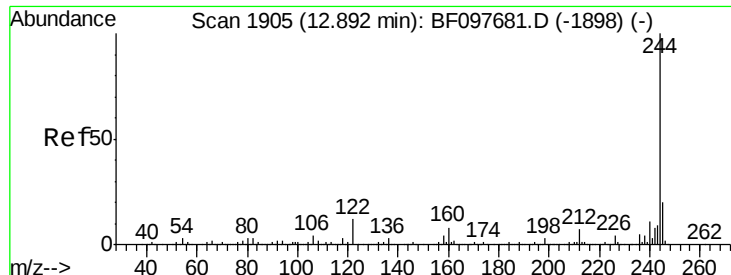
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Tgt Ion:240 Resp: 414158
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 26.3 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: 56.22 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Instrument :

BNA_F

ClientSampled :

PB101580BL

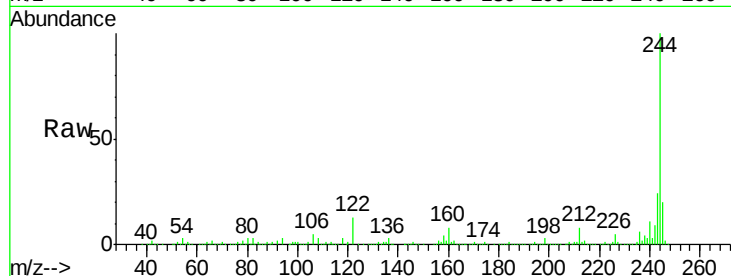
Tot Ion:244 Resp: 1116542

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

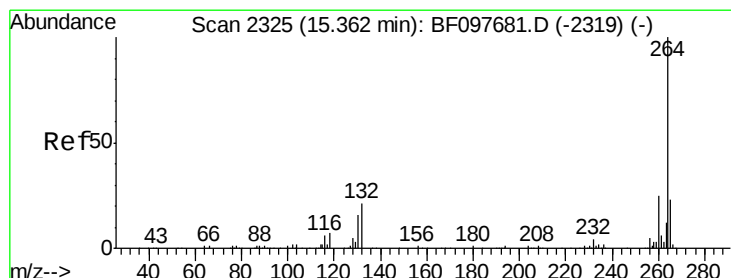
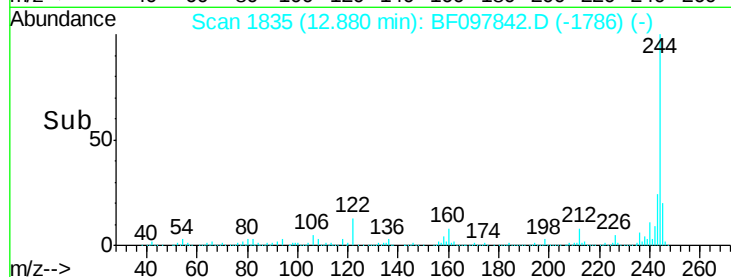
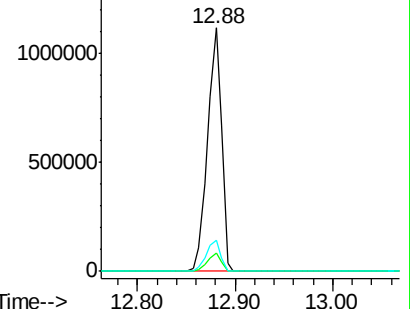
122 12.9 10.3 15.5



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: BF097842.D

Acq: 18 Aug 2017 19:37

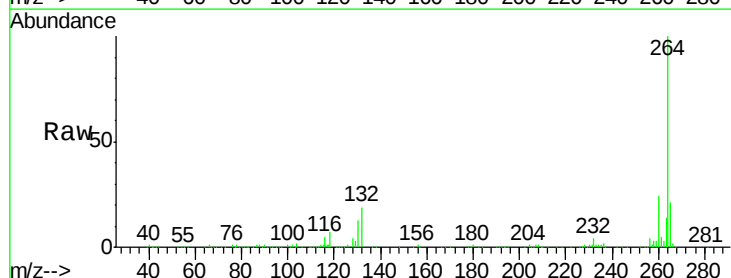
Tgt Ion:264 Resp: 364329

Ion Ratio Lower Upper

264 100

260 24.3 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

