

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097861.D
 Acq On : 19 Aug 2017 4:36
 Operator : SJ/JU
 Sample : I4820-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J7-BASE

Quant Time: Aug 19 05:06:30 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

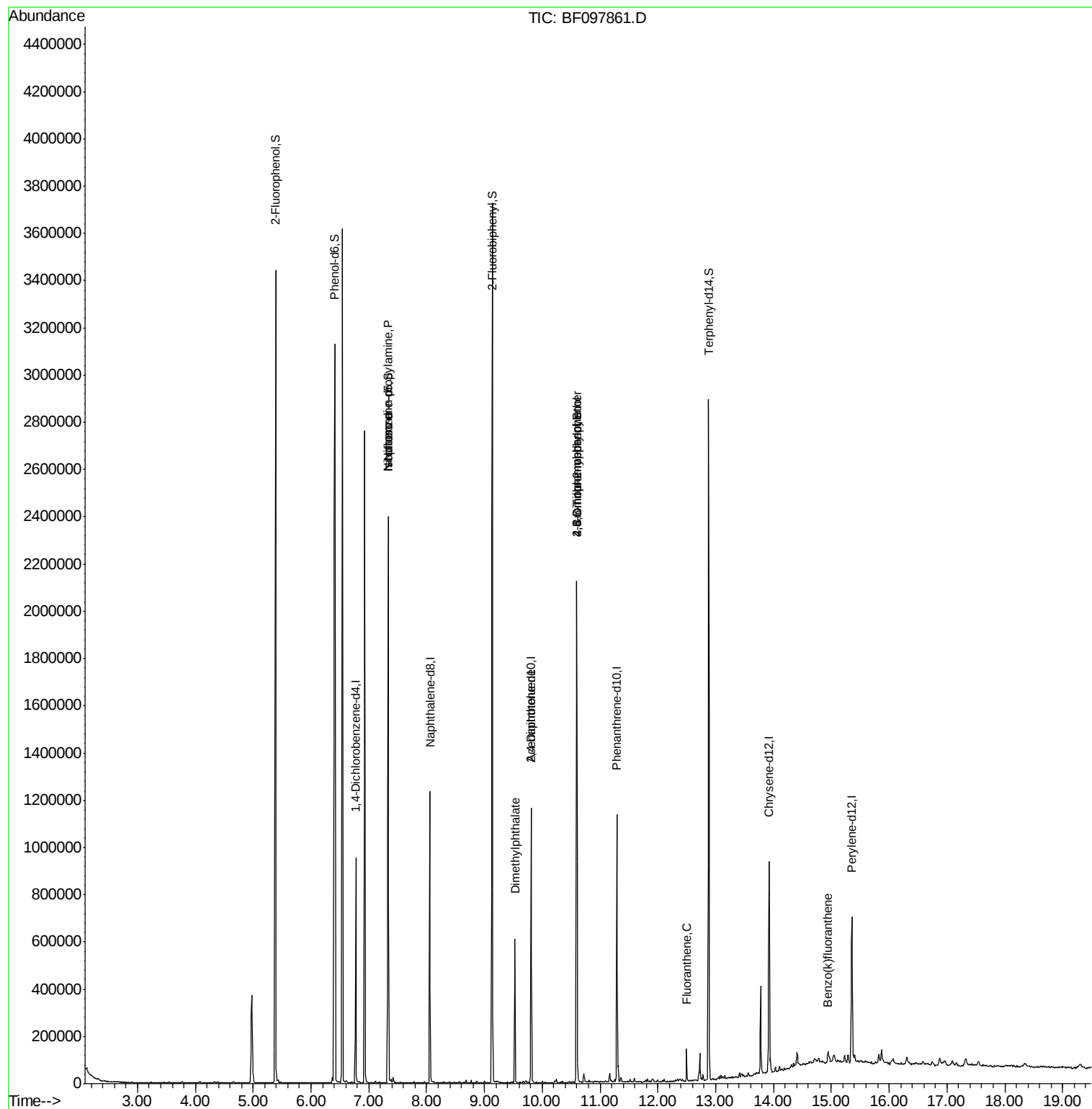
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124912	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	485207	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	209977	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	370685	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	300177	20.00	ng	-0.01
86) Perylene-d12	15.36	264	257376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1061184	129.22	ng	0.00
7) Phenol-d6	6.41	99	1447330	129.71	ng	0.00
23) Nitrobenzene-d5	7.34	82	867873	97.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	238834	131.09	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1186615	83.03	ng	-0.01
78) Terphenyl-d14	12.88	244	870909	60.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	117268	15.35	ng	# 71
25) Isophorone	7.34	82	862569	46.44	ng	# 67
49) Dimethylphthalate	9.53	163	199922	13.03	ng	99
56) 2,4-Dinitrotoluene	9.81	165	26768	6.96	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	454	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	15587	4.05	ng	# 1
74) Fluoranthene	12.50	202	45297	2.20	ng	99
88) Benzo(k)fluoranthene	14.94	252	31519	2.07	ng	97

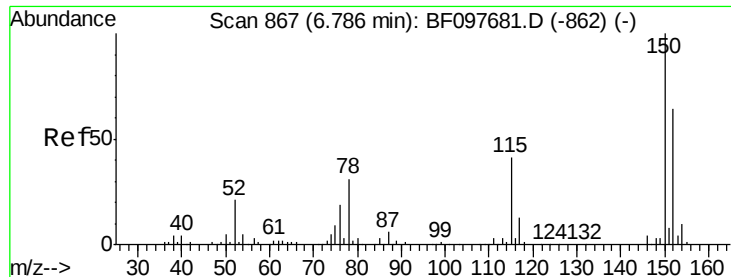
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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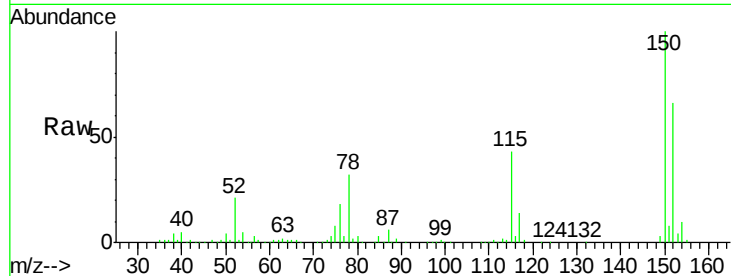


#1

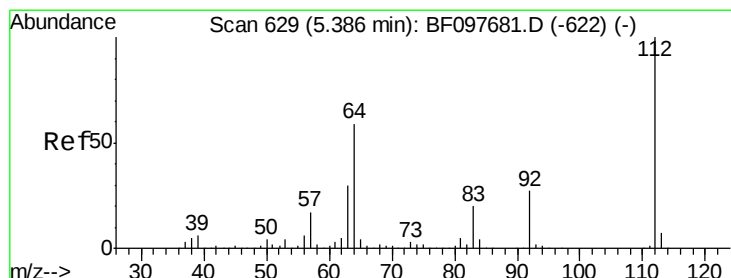
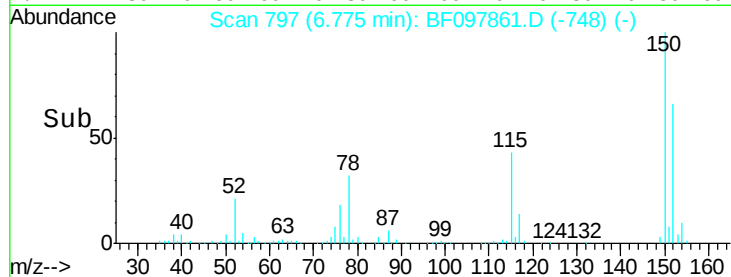
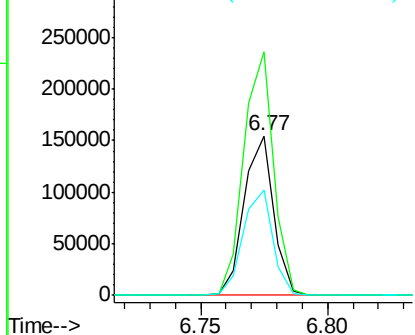
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-J7-BASE

Tot Ion:152 Resp: 124912
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 65.9 52.2 78.2



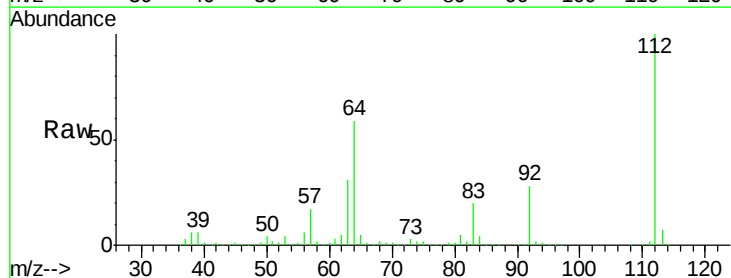
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



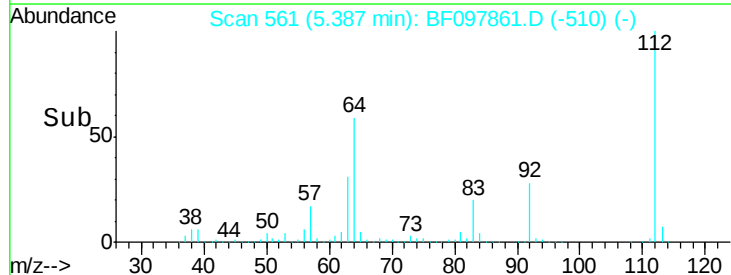
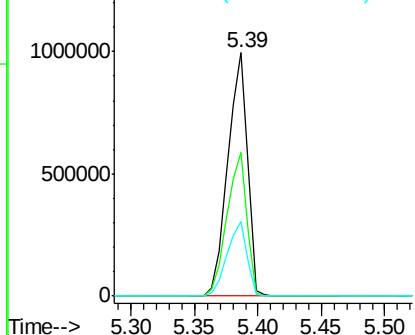
#5

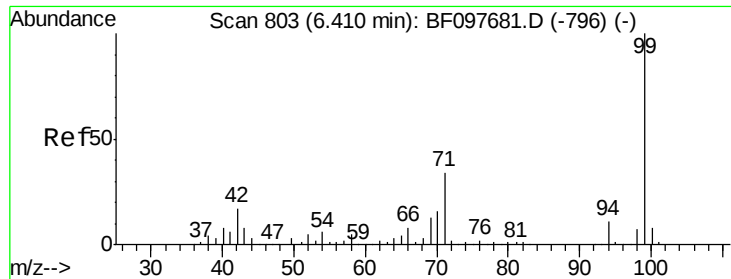
2-Fluorophenol
Concen: 129.22 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion:112 Resp: 1061184
Ion Ratio Lower Upper
112 100
64 59.1 46.0 69.0
63 30.5 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: 129.71 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

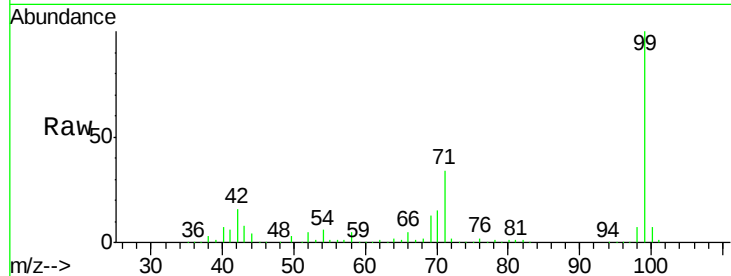
Tot Ion: 99 Resp: 1447330

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

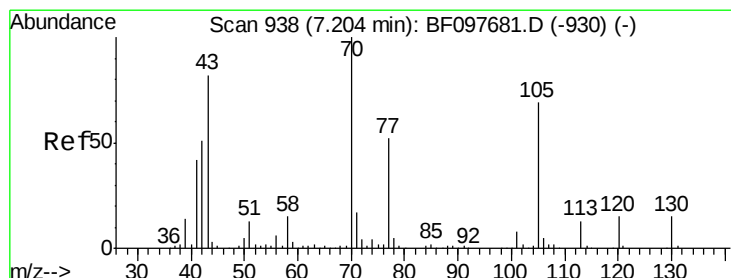
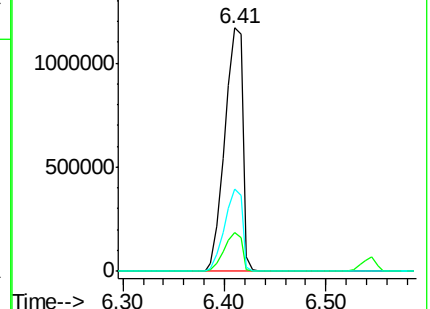
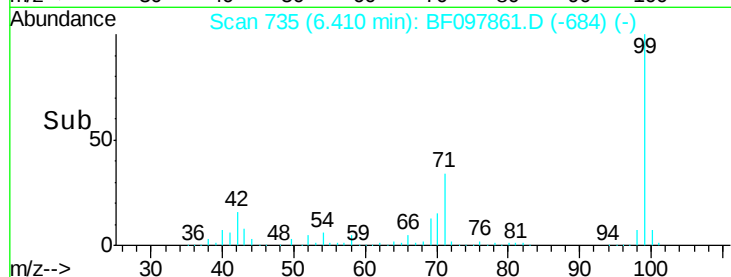
71 34.0 24.5 36.7



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: 15.35 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

Tgt Ion: 70 Resp: 117268

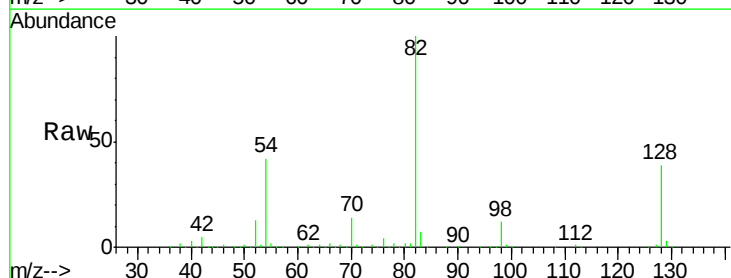
Ion Ratio Lower Upper

70 100

42 39.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

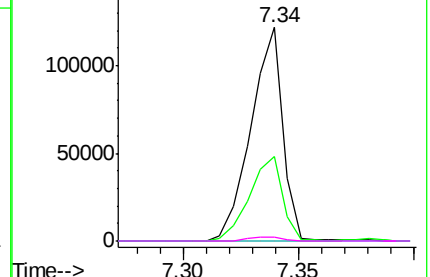
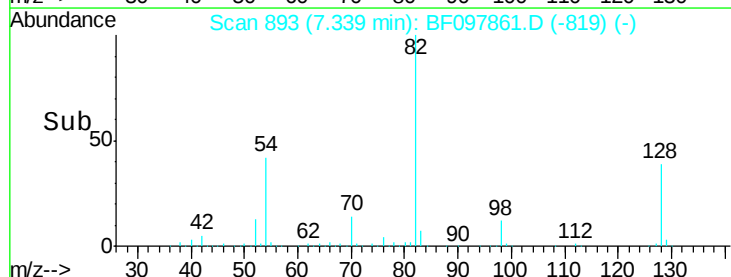


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF097861.D

Acq: 19 Aug 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

Tot Ion:136 Resp: 485207

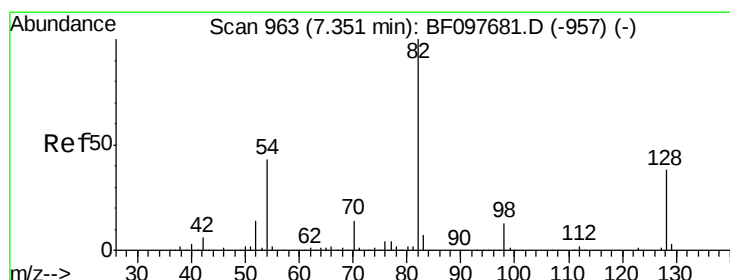
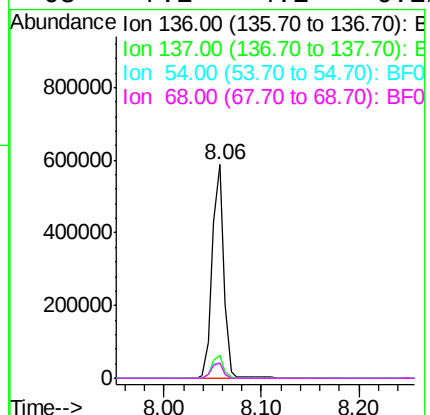
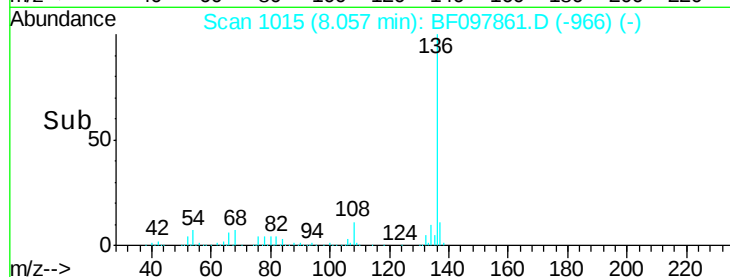
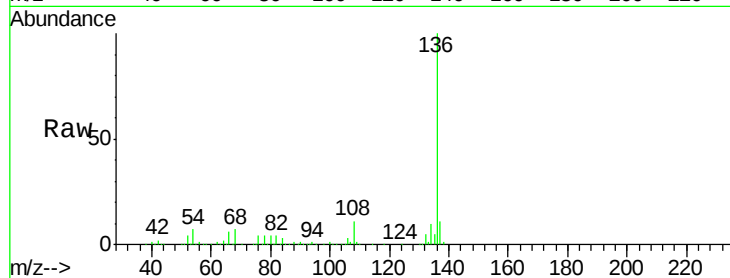
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 7.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 97.17 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

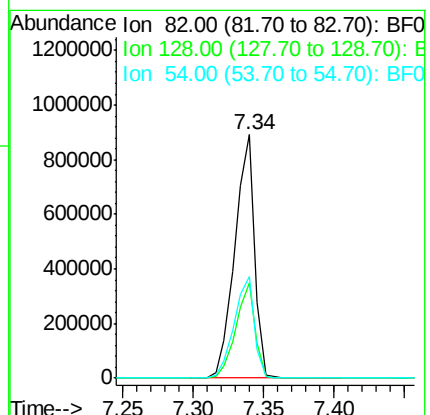
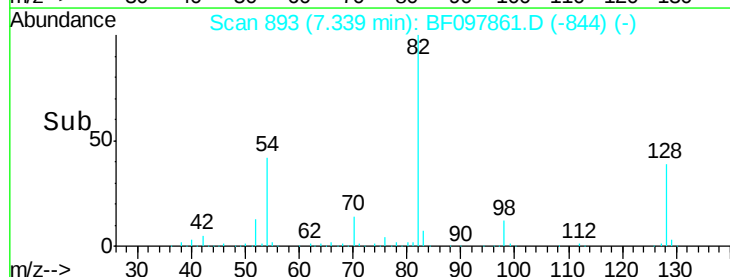
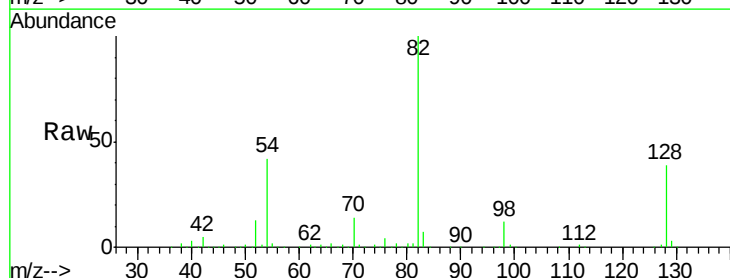
Tgt Ion: 82 Resp: 867873

Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

54 41.7 42.2 63.2#





#25

Isophorone

Concen: 46.44 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

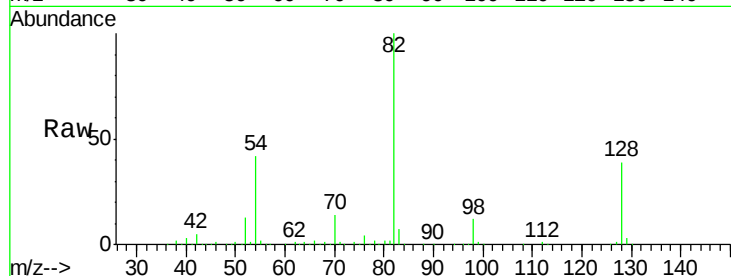
Tot Ion: 82 Resp: 862569

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

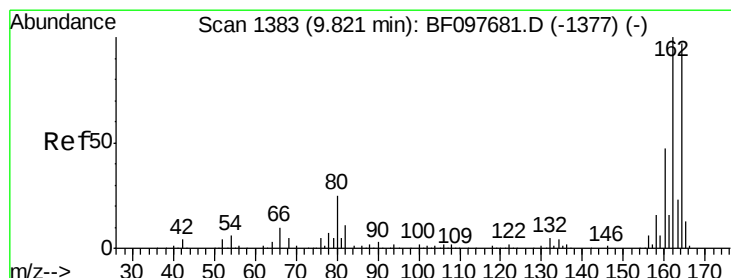
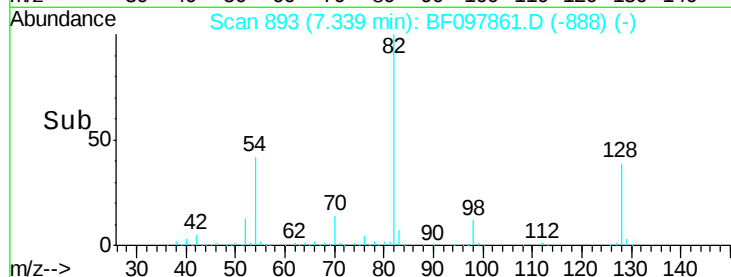
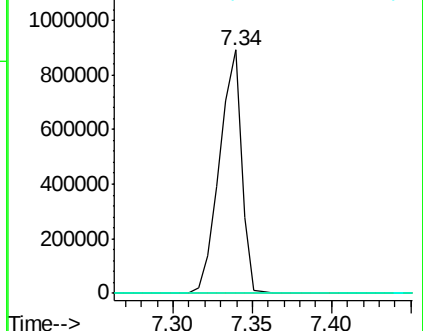
138 0.0 13.1 19.7#



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: BF097861.D

Acq: 19 Aug 2017 4:36

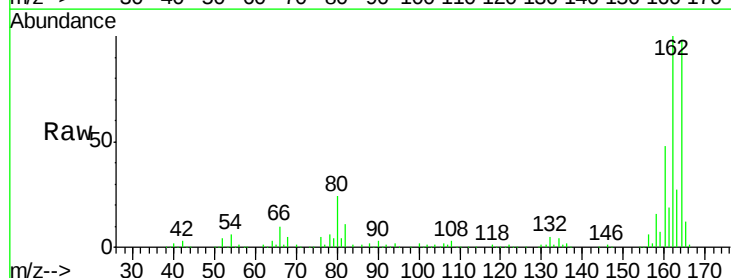
Tgt Ion: 164 Resp: 209977

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

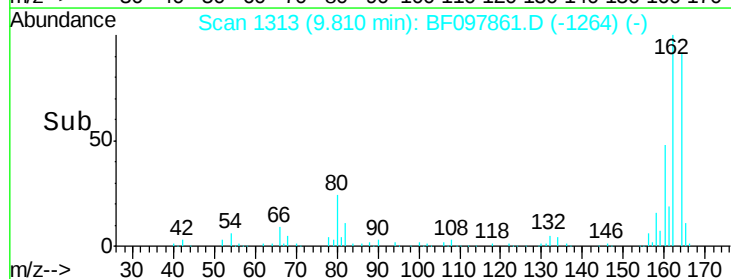
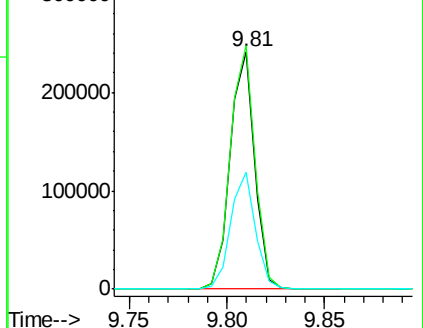
160 49.0 36.2 54.2

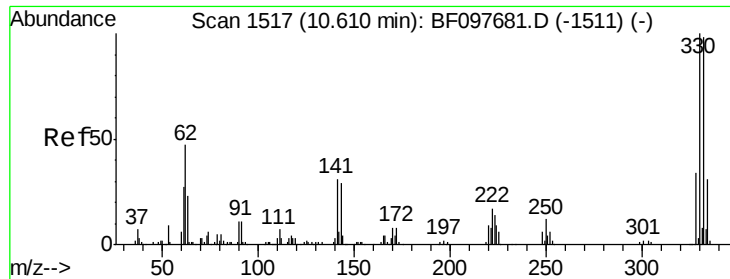


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

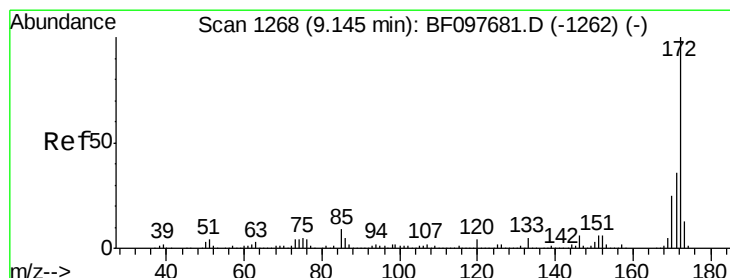
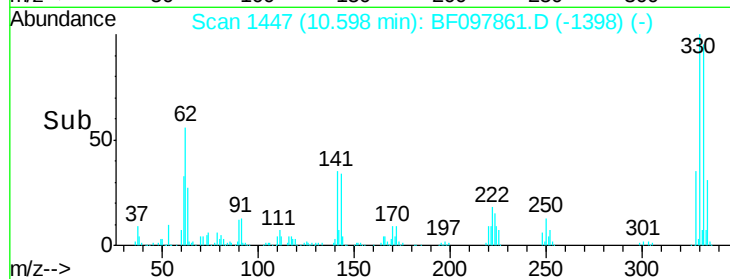
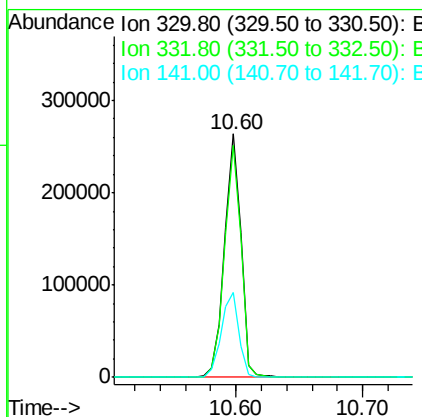
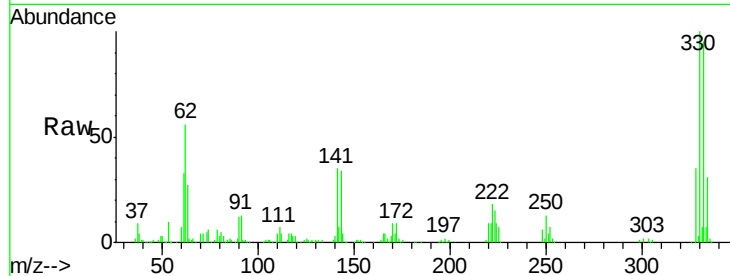




#41
 2,4,6-Tribromophenol
 Concen: 131.09 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097861.D
 Acq: 19 Aug 2017 4:36

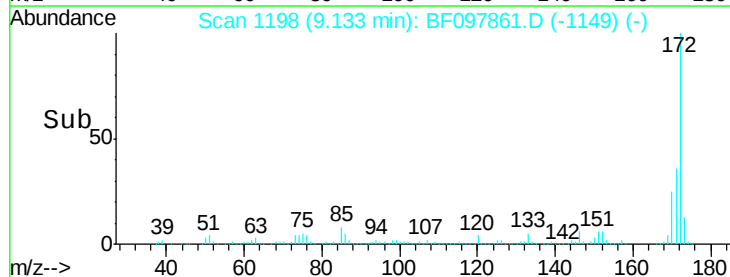
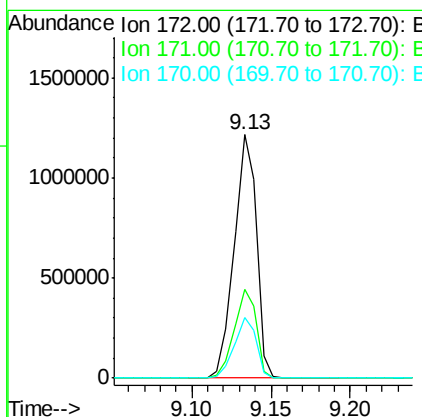
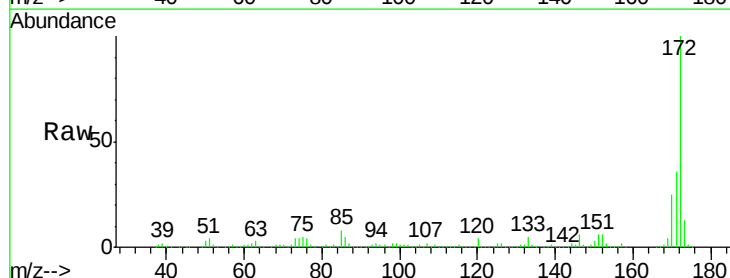
Instrument :
 BNA_F
 ClientSampleId :
 E2-J7-BASE

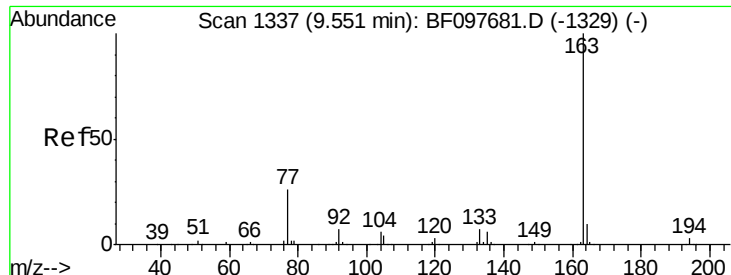
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	37.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097861.D
 Acq: 19 Aug 2017 4:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	19.8	29.8

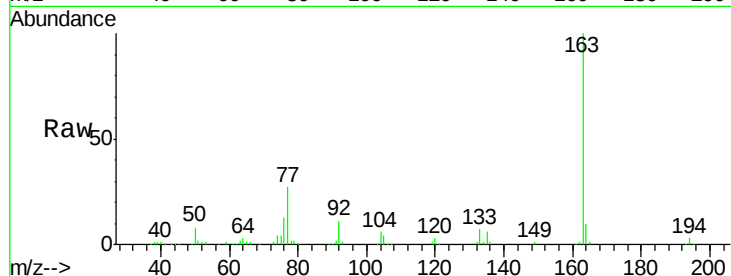




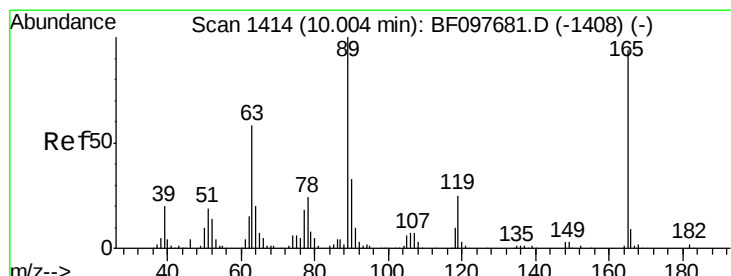
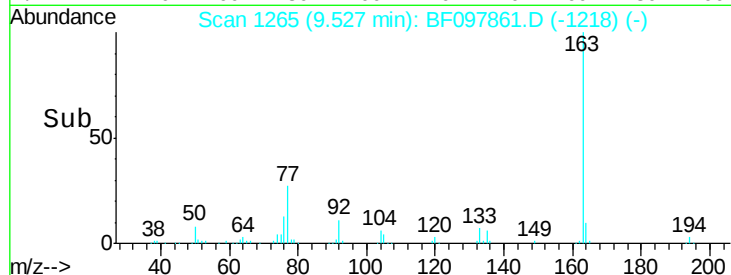
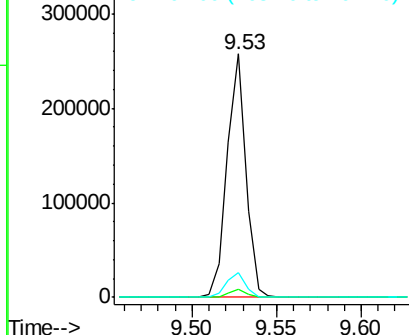
#49
Dimethylphthalate
Concen: 13.03 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-J7-BASE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6

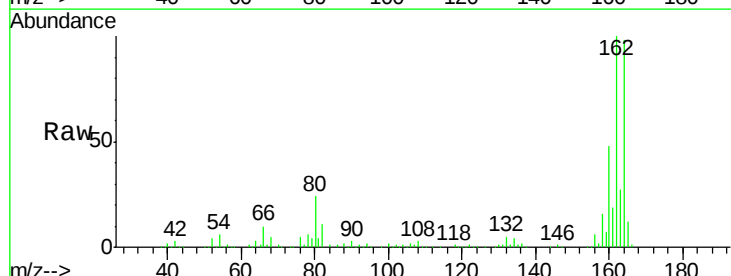


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

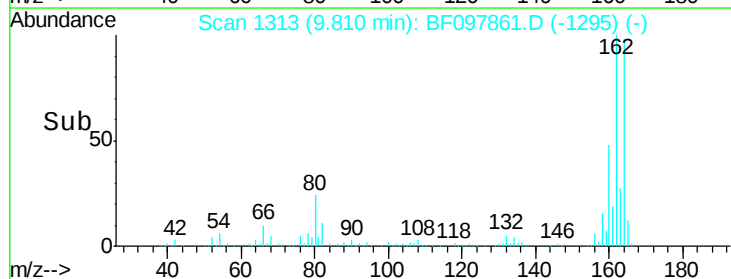
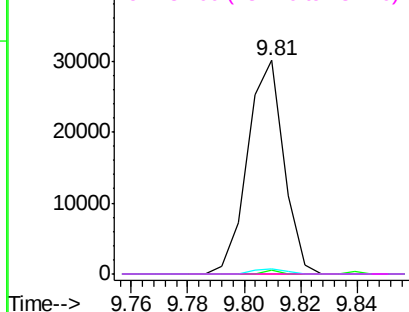


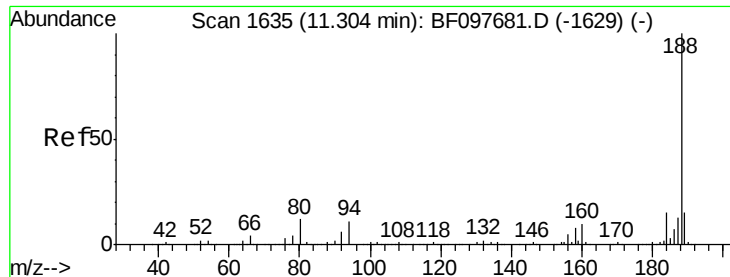
#56
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.7	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

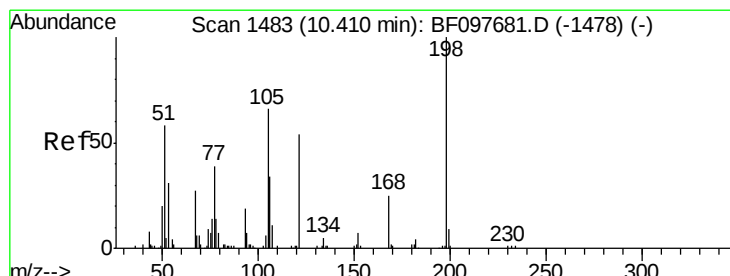
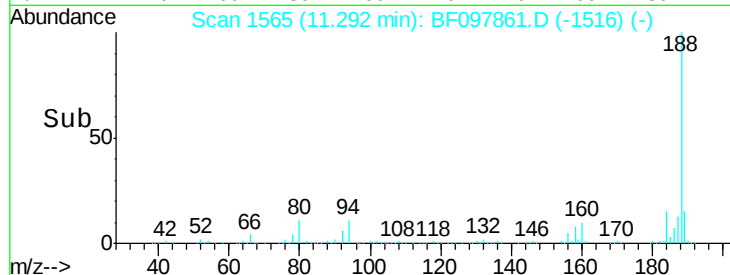
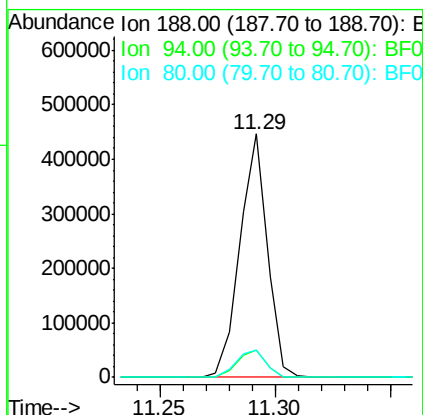
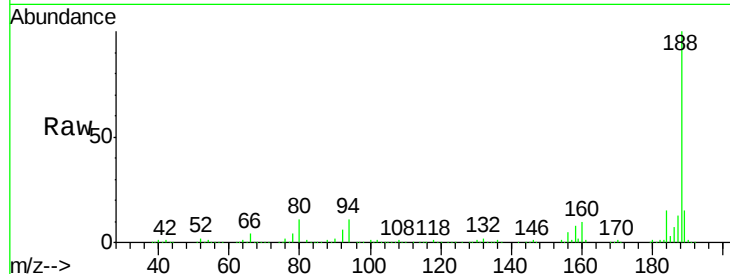




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097861.D
 Acq: 19 Aug 2017 4:36

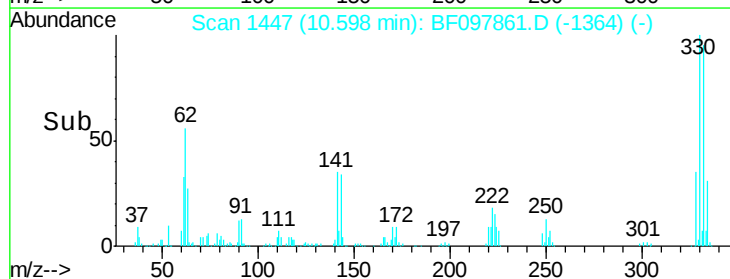
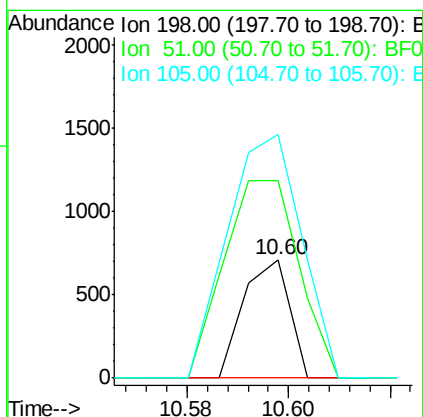
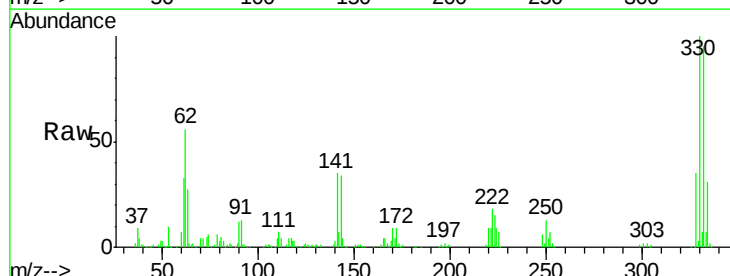
Instrument :
 BNA_F
 ClientSampleId :
 E2-J7-BASE

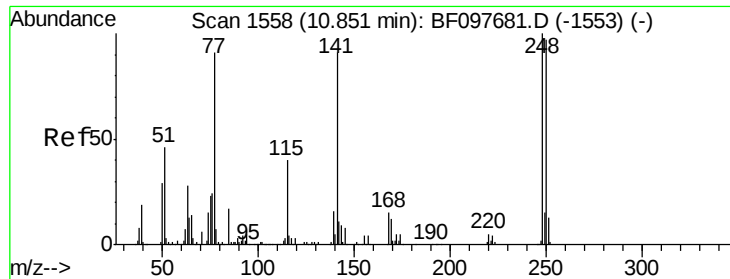
Tot Ion:188	Resp:	370685
Ion	Ratio	Lower Upper
188	100	
94	11.0	9.4 14.2
80	11.3	10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.54 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.19 min
 Lab File: BF097861.D
 Acq: 19 Aug 2017 4:36

Tgt Ion:198	Resp:	454
Ion	Ratio	Lower Upper
198	100	
51	166.9	53.2 93.2#
105	205.3	45.8 85.8#

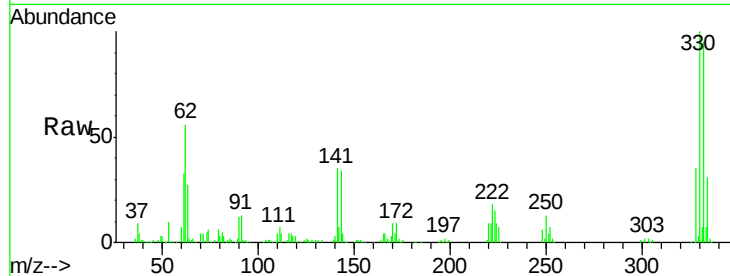




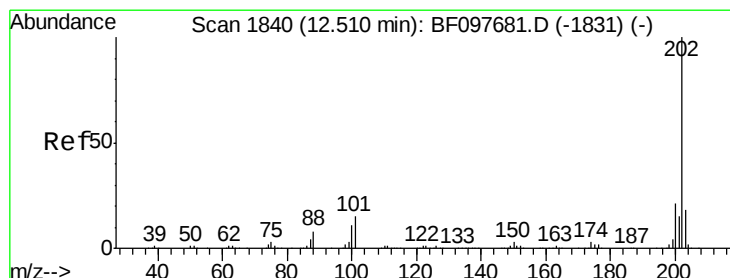
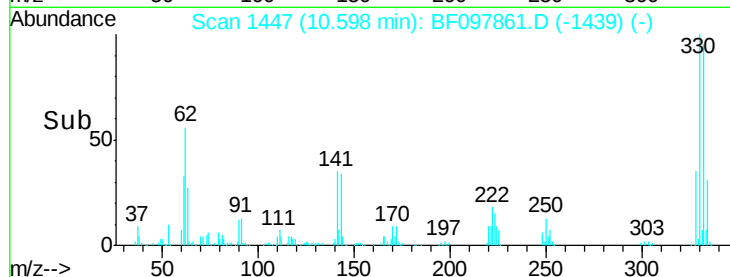
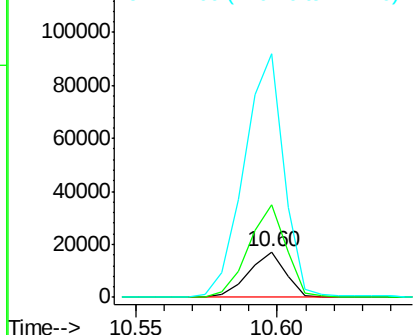
#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-J7-BASE

Tot Ion:248 Resp: 15587
Ion Ratio Lower Upper
248 100
250 205.6 76.8 115.2#
141 537.8 68.6 103.0#

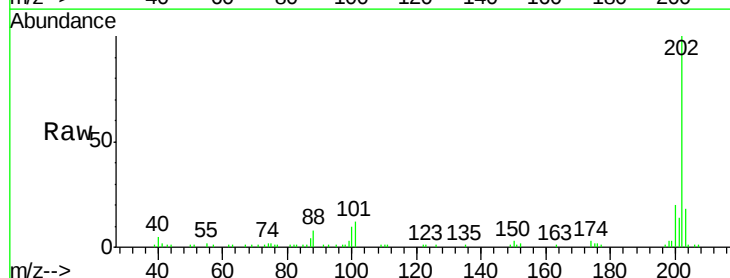


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

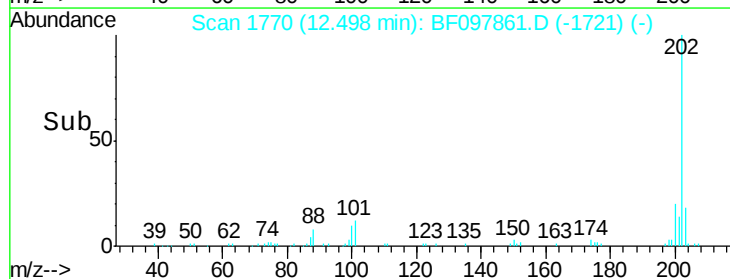
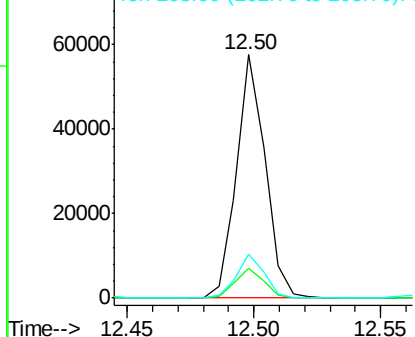


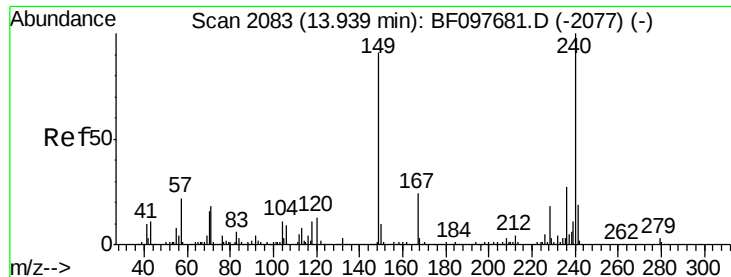
#74
Fluoranthene
Concen: 2.20 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion:202 Resp: 45297
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

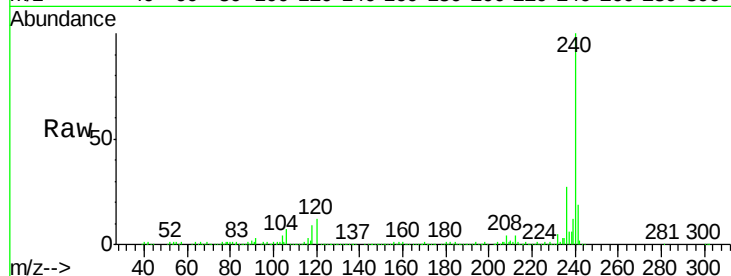
Tot Ion:240 Resp: 300177

Ion Ratio Lower Upper

240 100

120 11.6 5.8 8.8#

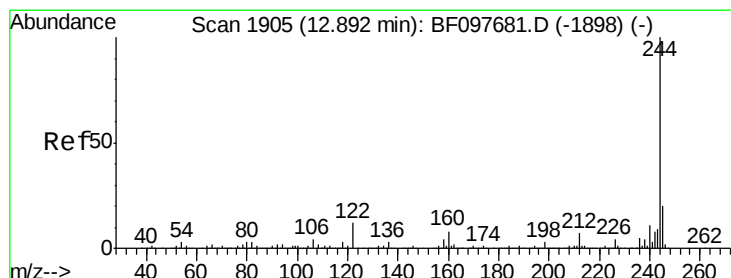
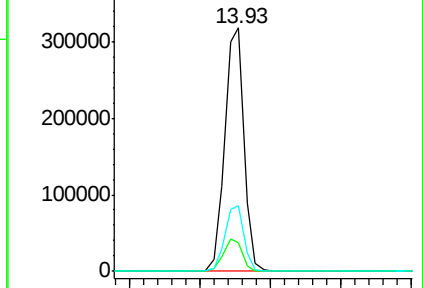
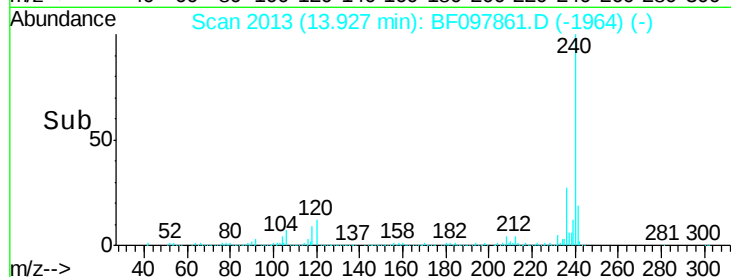
236 26.8 20.5 30.7



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: 60.50 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

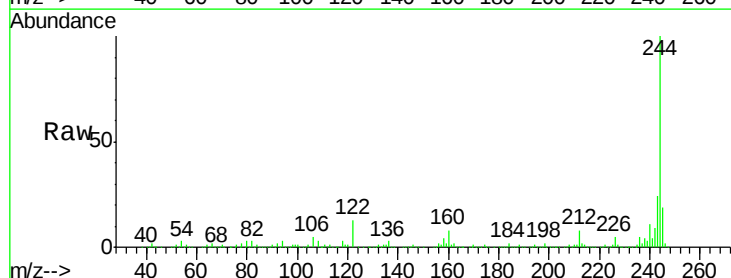
Tgt Ion:244 Resp: 870909

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

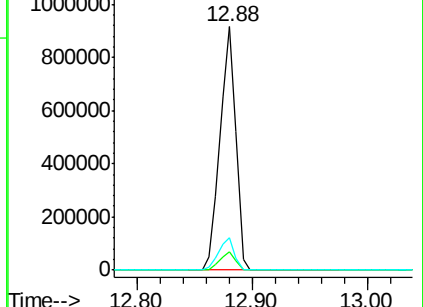
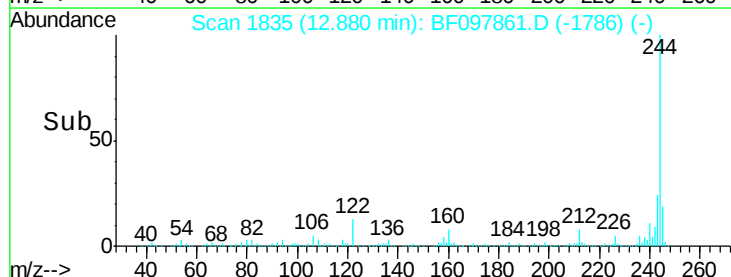
122 13.4 10.3 15.5

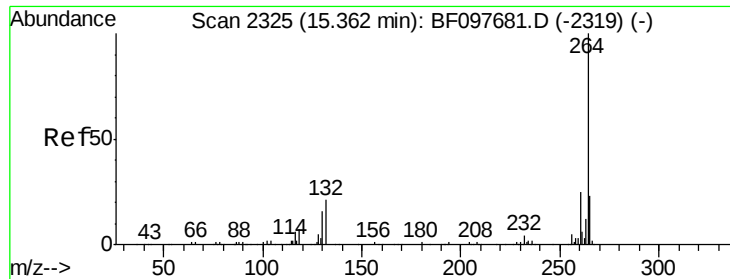


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

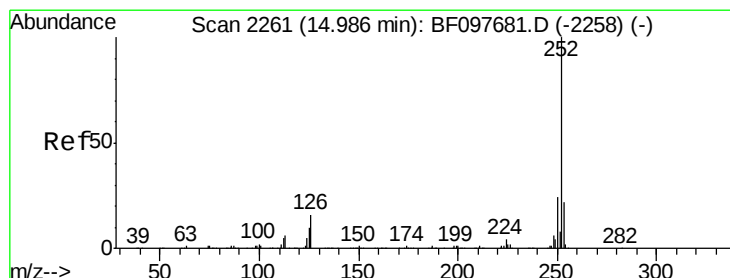
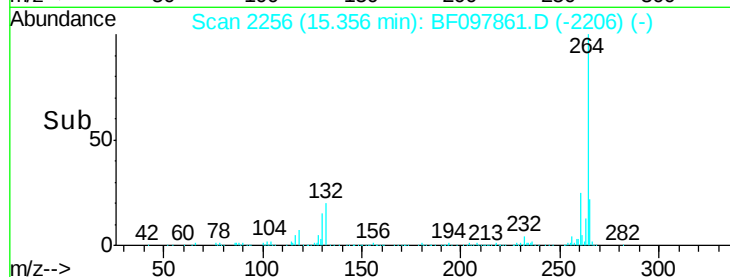
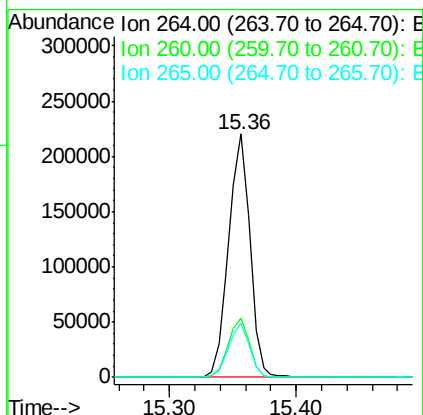
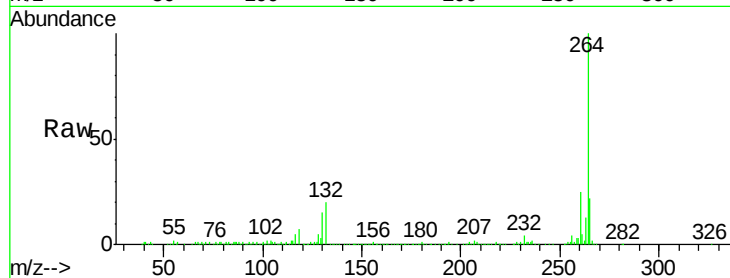




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-J7-BASE

Tot Ion:264 Resp: 257376
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.2 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.07 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion:252 Resp: 31519
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 15.1 13.1 19.7

