

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097973.D
 Acq On : 23 Aug 2017 00:23
 Operator : SJ/JU
 Sample : I4910-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-2

Quant Time: Aug 23 01:09:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

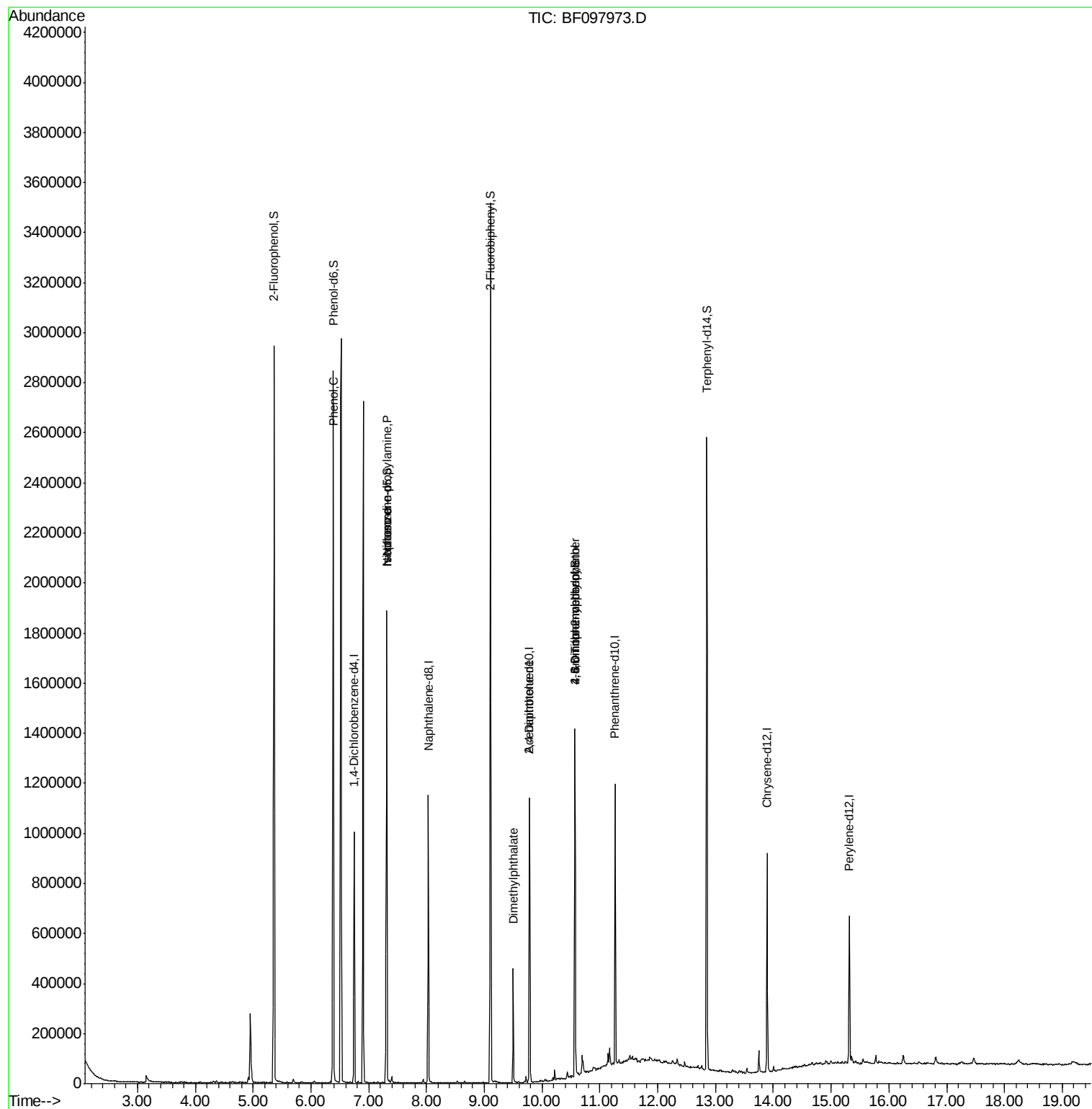
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	136010	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	543084	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	228530	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	380547	20.00	ng	0.00
75) Chrysene-d12	13.90	240	292439	20.00	ng	0.00
86) Perylene-d12	15.32	264	258403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	905381	101.25	ng	0.01
7) Phenol-d6	6.39	99	1227736	101.05	ng	0.00
23) Nitrobenzene-d5	7.31	82	775272	77.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	140906	71.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1113734	71.60	ng	0.00
78) Terphenyl-d14	12.85	244	757795	54.04	ng	0.00
Target Compounds						
10) Phenol	6.40	94	30130	2.12	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.31	70	104447	12.56	ng	# 74
25) Isophorone	7.31	82	754941	36.32	ng	# 67
49) Dimethylphthalate	9.50	163	176044	10.54	ng	98
56) 2,4-Dinitrotoluene	9.78	165	28848	6.89	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	275	8.45	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	9652	2.44	ng	# 1

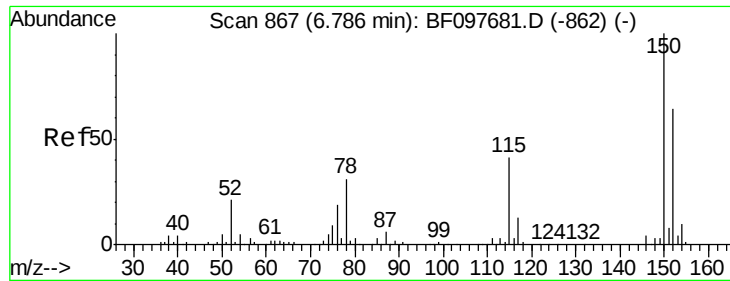
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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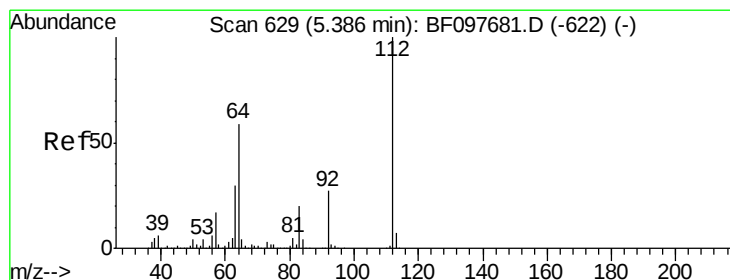
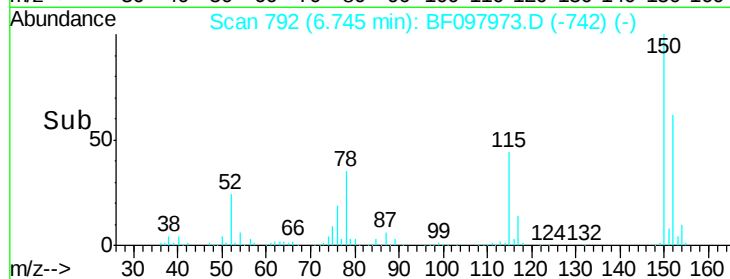
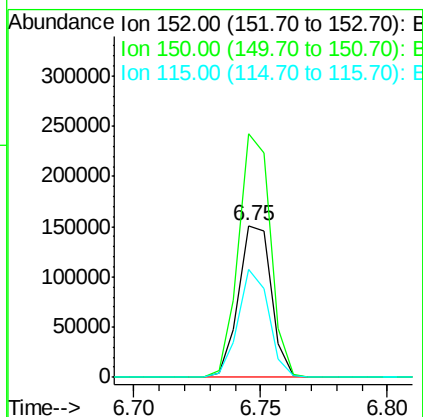
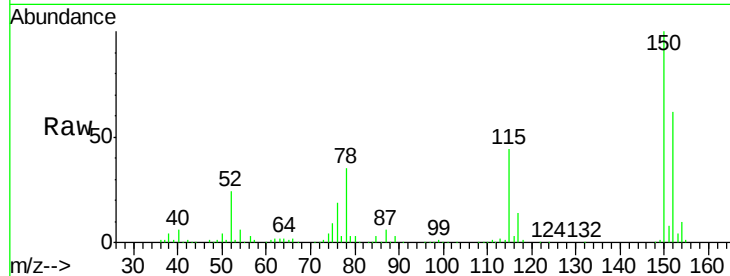


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SP-1-2

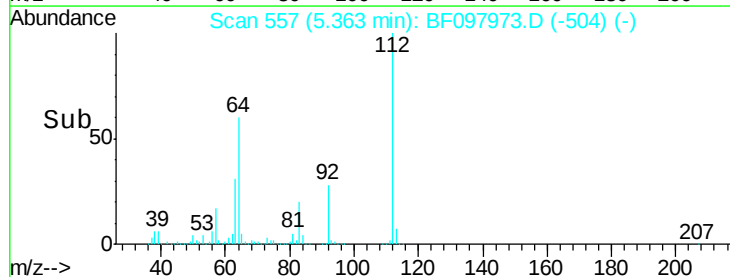
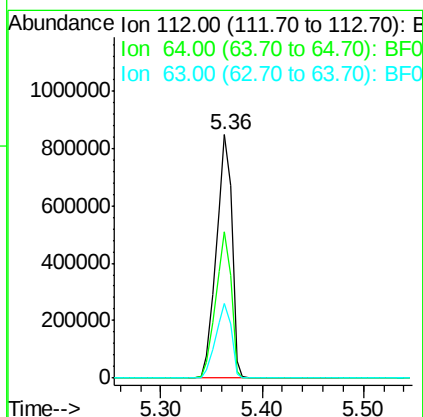
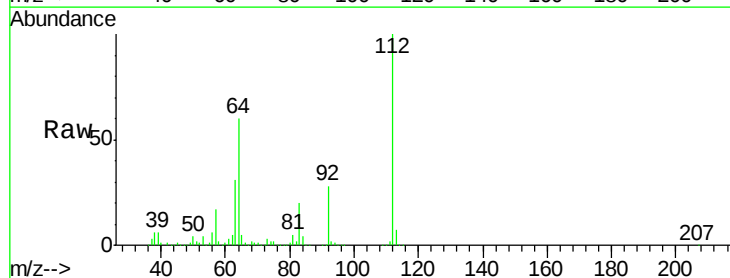
Tot Ion:152 Resp: 136010
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 70.8 52.2 78.2

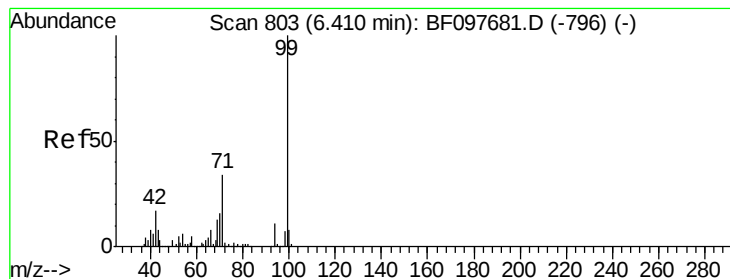


#5

2-Fluorophenol
Concen: 101.25 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

Tgt Ion:112 Resp: 905381
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 101.05 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097973.D

Acq: 23 Aug 2017 00:23

Instrument :

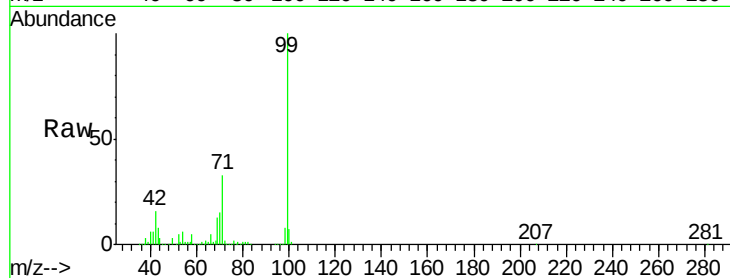
BNA_F

ClientSampleId :

SP-1-2

Tot Ion: 99 Resp: 1227736

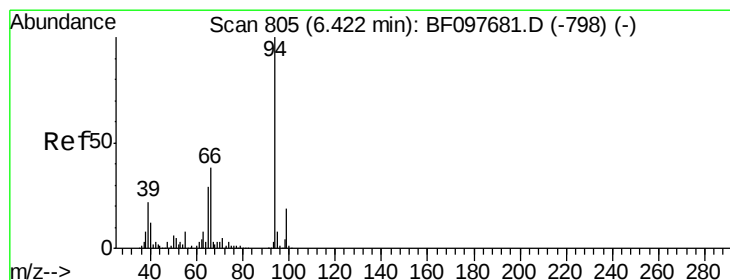
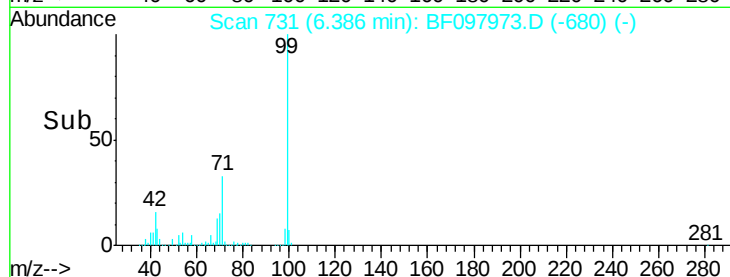
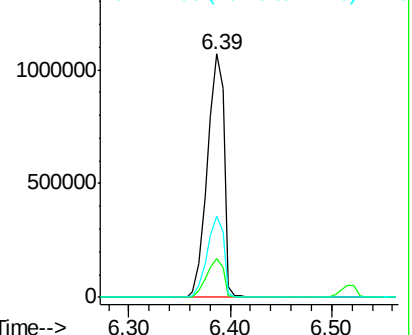
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.2	24.5	36.7



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



#10

Phenol

Concen: 2.12 ng

RT: 6.40 min Scan# 733

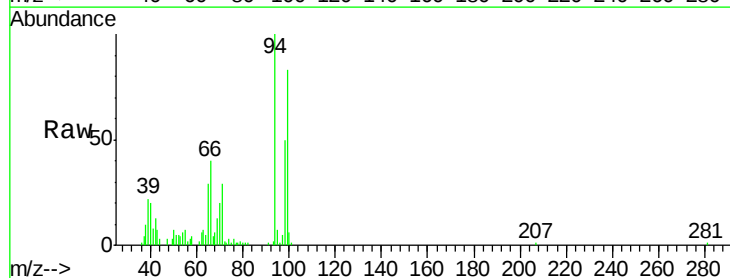
Delta R.T. -0.00 min

Lab File: BF097973.D

Acq: 23 Aug 2017 00:23

Tgt Ion: 94 Resp: 30130

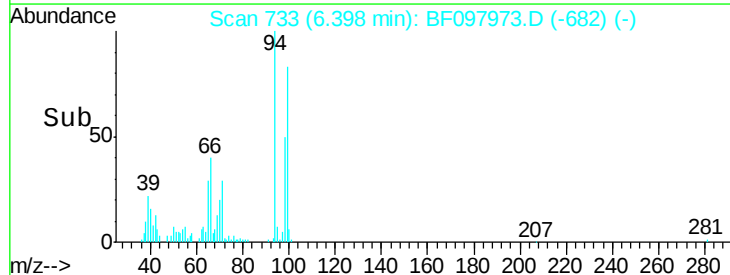
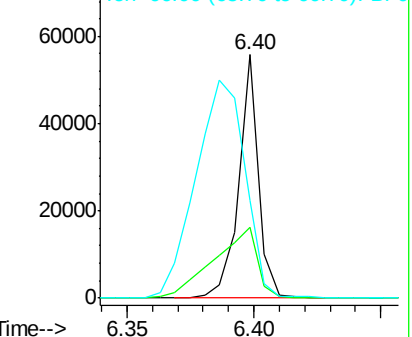
Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.9	49.9
66	40.3	23.1	63.1

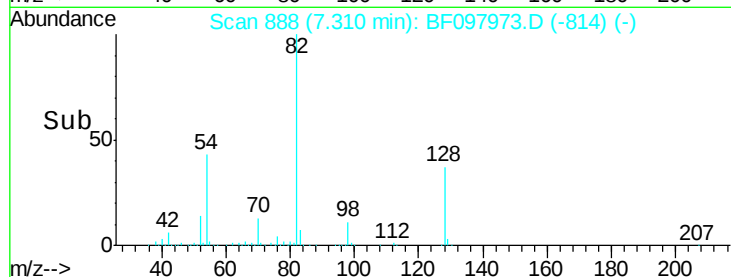
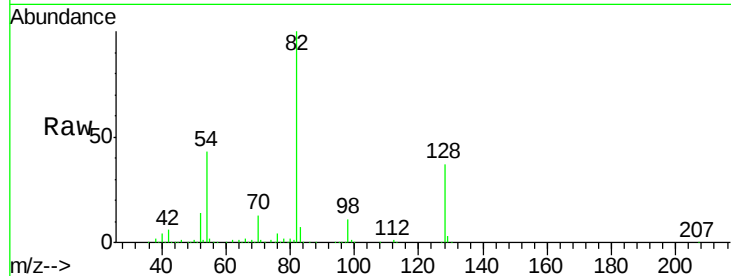
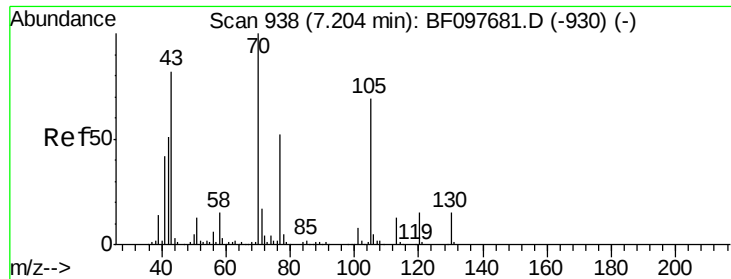


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

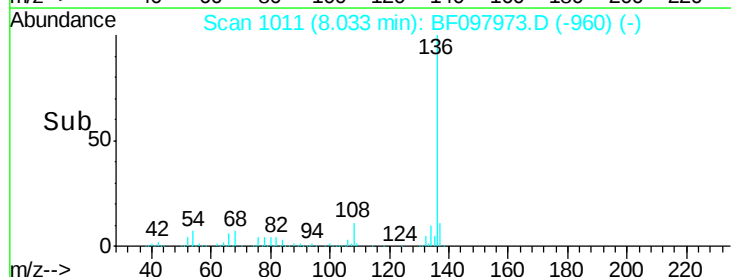
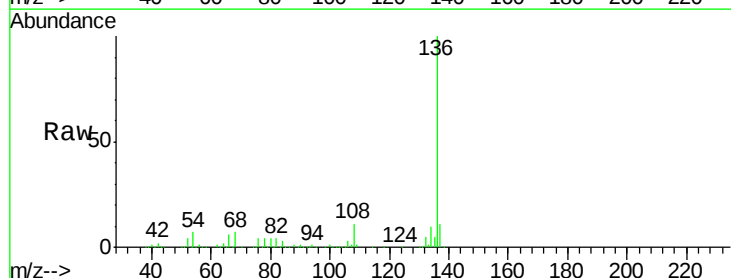
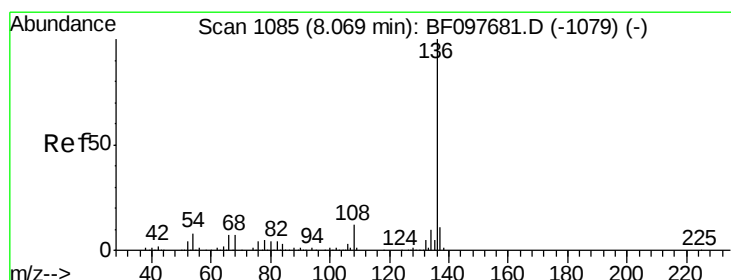
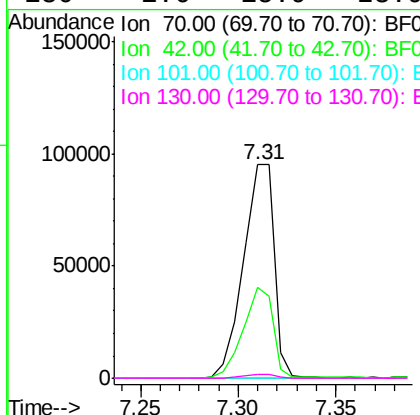




#19
n-Nitroso-di-n-propylamine
Concen: 12.56 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

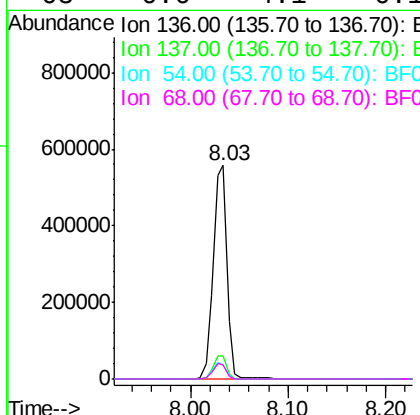
Instrument :
BNA_F
ClientSampled :
SP-1-2

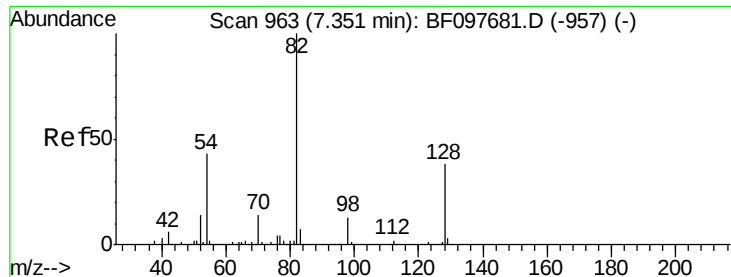
Tot Ion: 70 Resp: 104447
Ion Ratio Lower Upper
70 100
42 42.8 47.2 70.8#
101 0.0 7.2 10.8#
130 1.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

Tgt Ion: 136 Resp: 543084
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.6 4.9 7.3
68 6.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 77.55 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097973.D

Acq: 23 Aug 2017 00:23

Instrument :

BNA_F

ClientSampleId :

SP-1-2

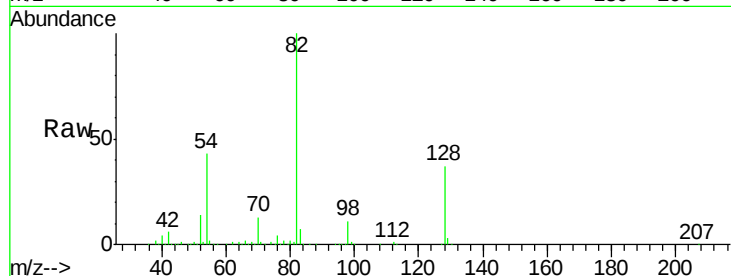
Tot Ion: 82 Resp: 775272

Ion Ratio Lower Upper

82 100

128 37.4 34.0 51.0

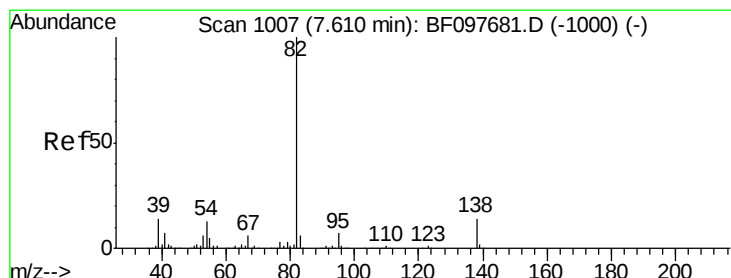
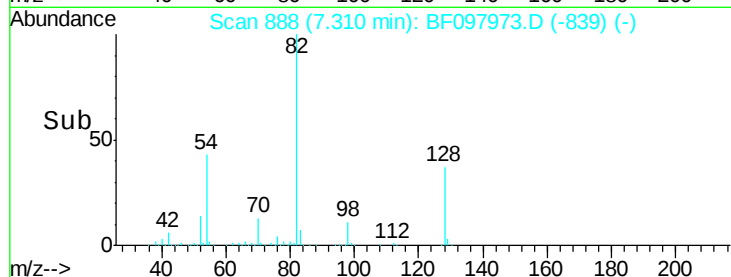
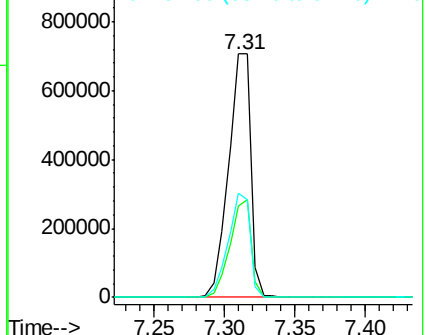
54 42.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 36.32 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097973.D

Acq: 23 Aug 2017 00:23

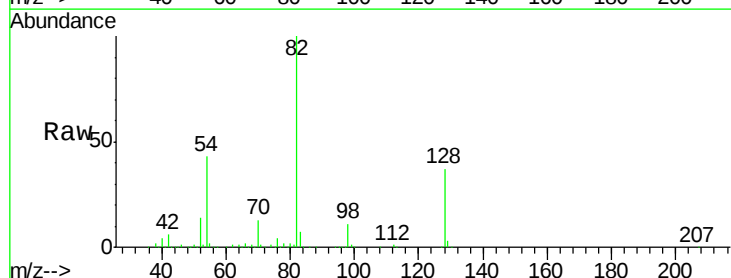
Tgt Ion: 82 Resp: 754941

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

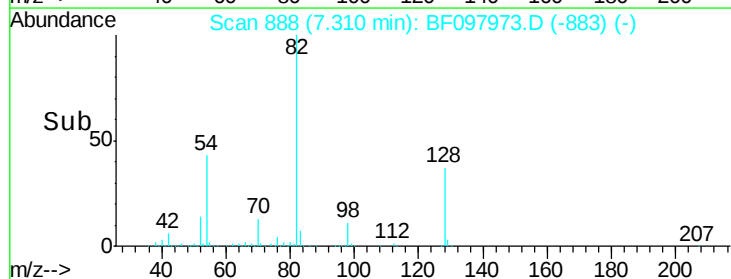
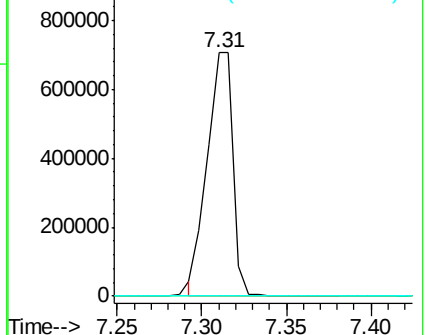
138 0.0 13.1 19.7#

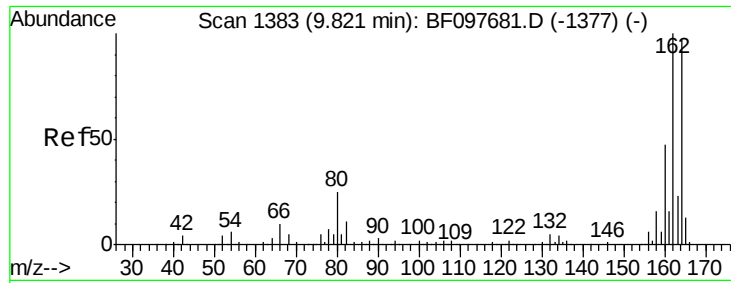


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

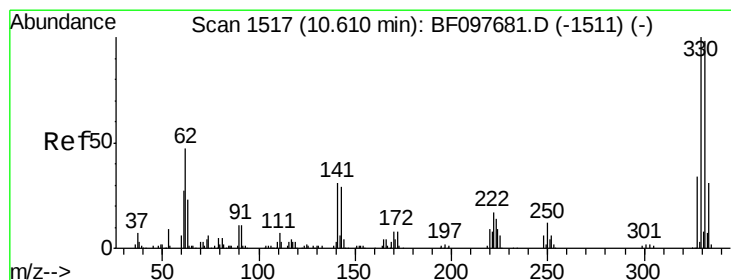
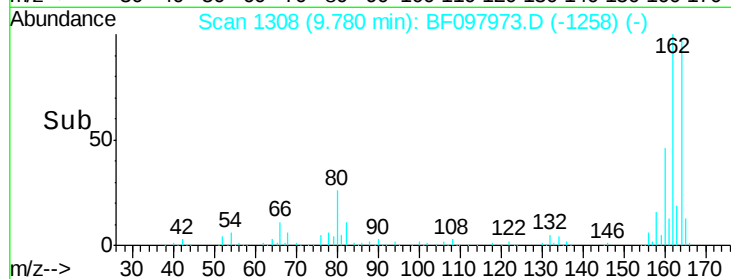
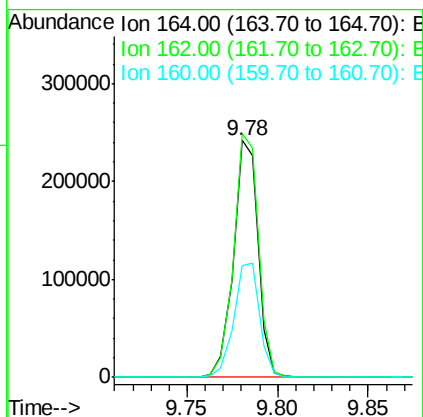
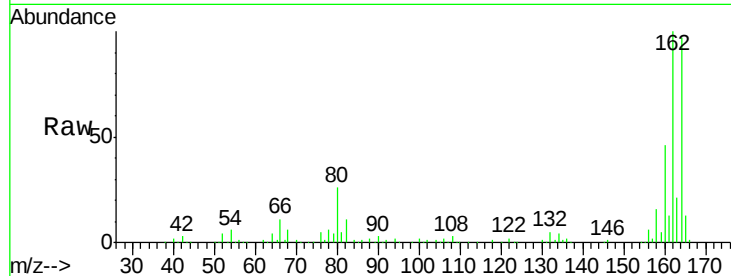




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097973.D
 Acq: 23 Aug 2017 00:23

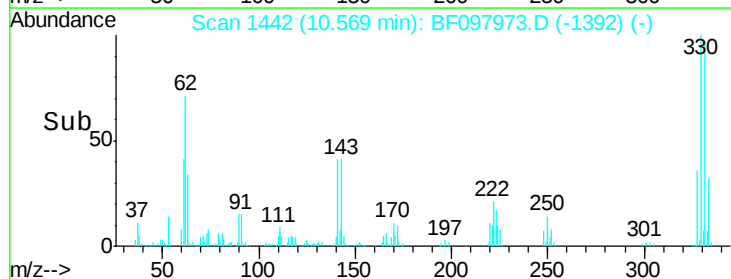
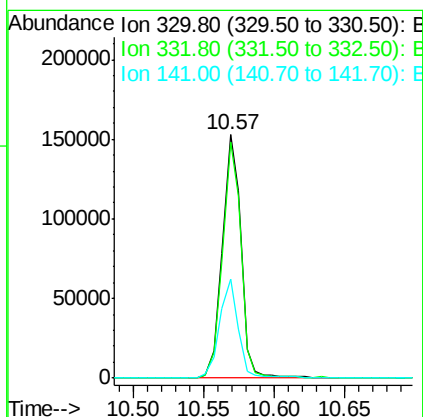
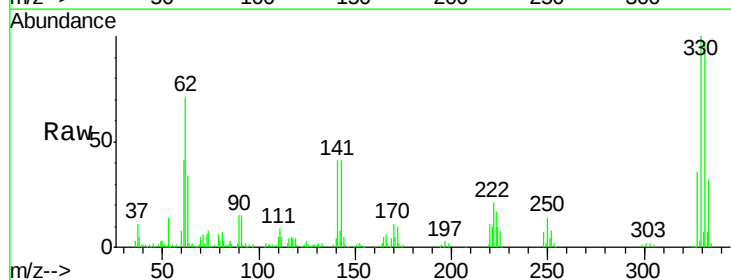
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-2

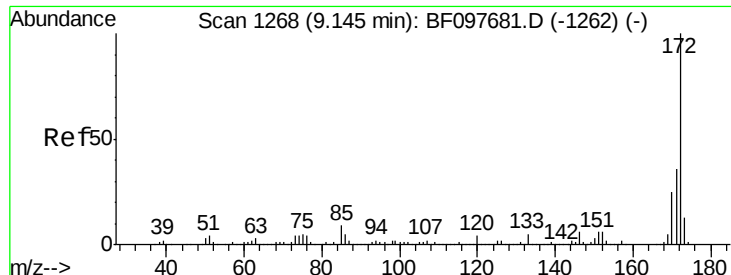
Tot Ion:164 Resp: 228530
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 47.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 71.06 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097973.D
 Acq: 23 Aug 2017 00:23

Tgt Ion:330 Resp: 140906
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 40.9 31.4 47.2

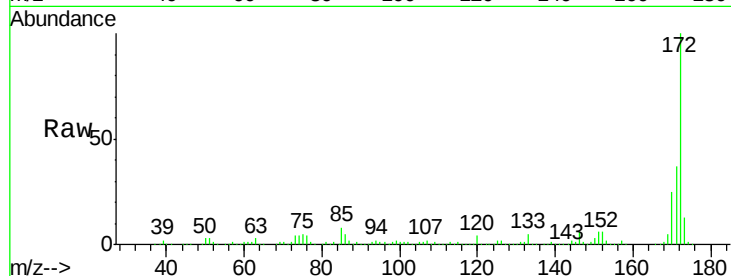




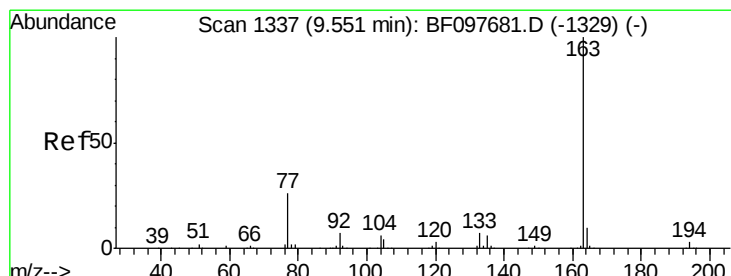
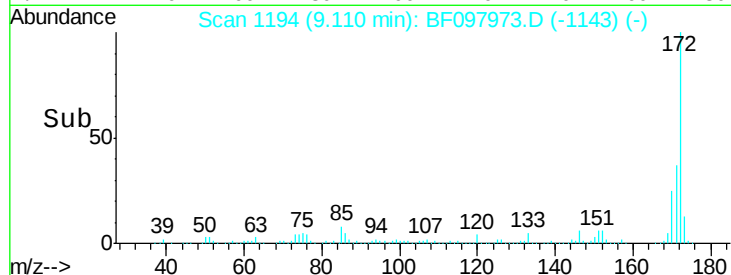
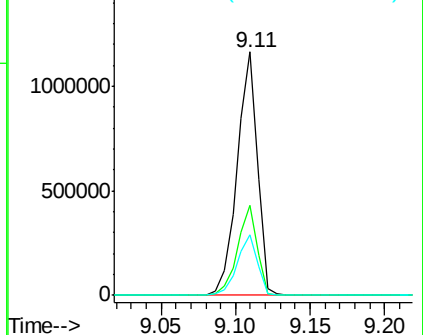
#44
2-Fluorobiphenyl
Concen: 71.60 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SP-1-2

Tot Ion:172 Resp: 1113734
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.0 19.8 29.8

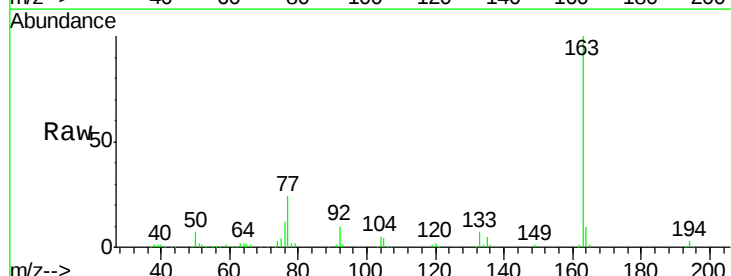


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

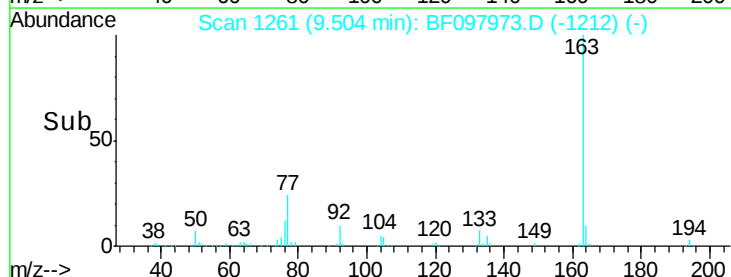
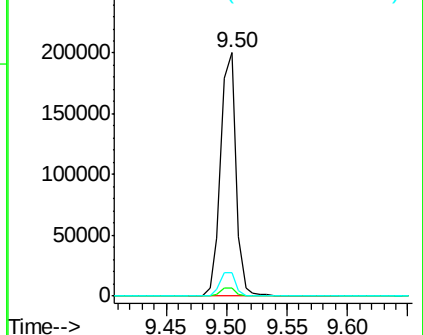


#49
Dimethylphthalate
Concen: 10.54 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

Tgt Ion:163 Resp: 176044
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 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

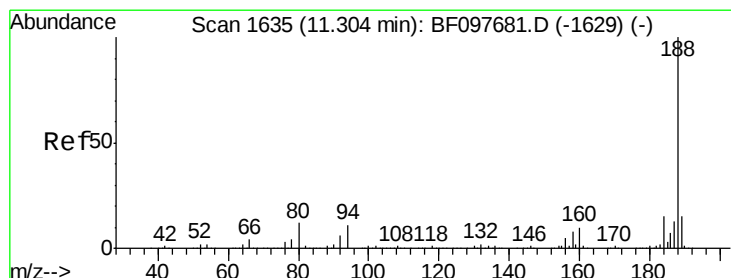
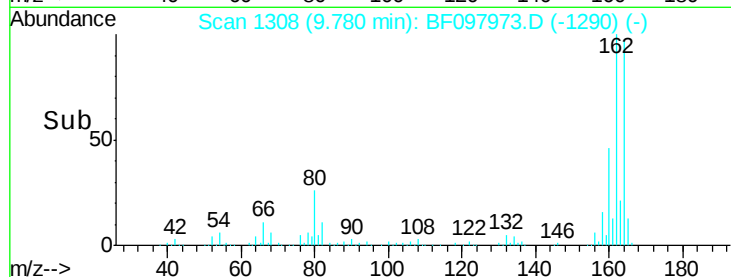
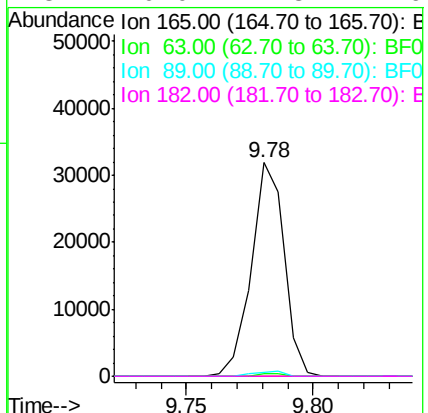
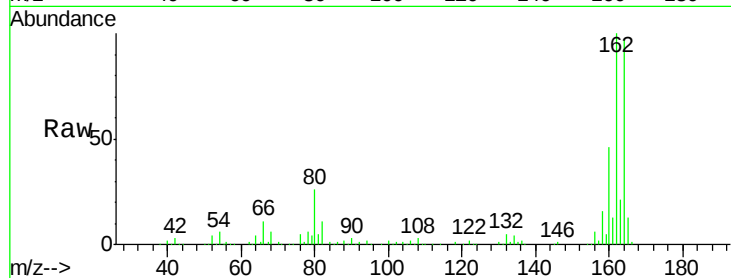




#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097973.D
 Acq: 23 Aug 2017 00:23

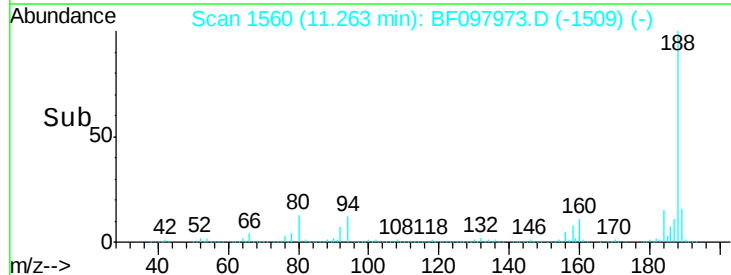
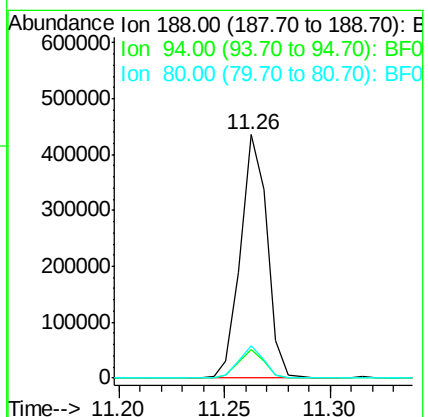
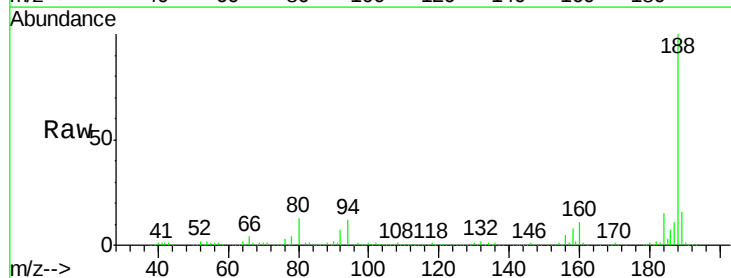
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-2

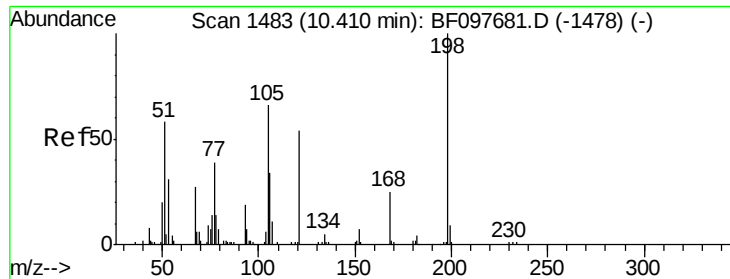
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097973.D
 Acq: 23 Aug 2017 00:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.4	10.2	15.2

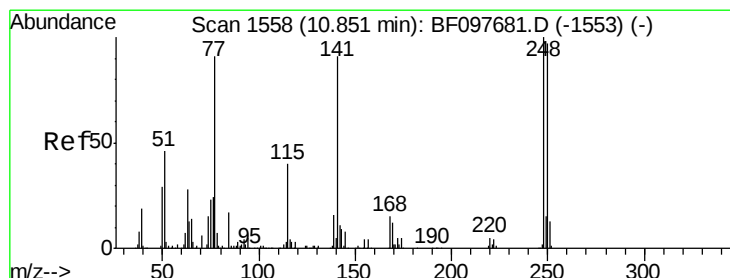
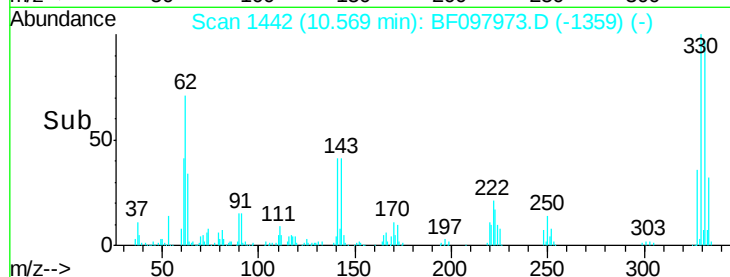
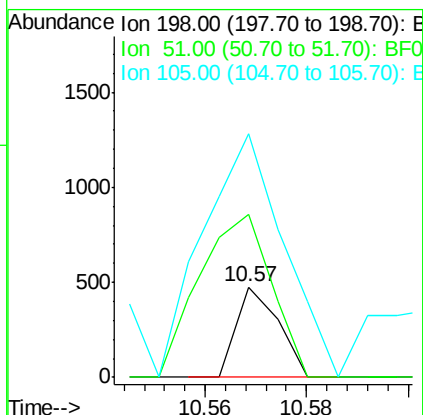
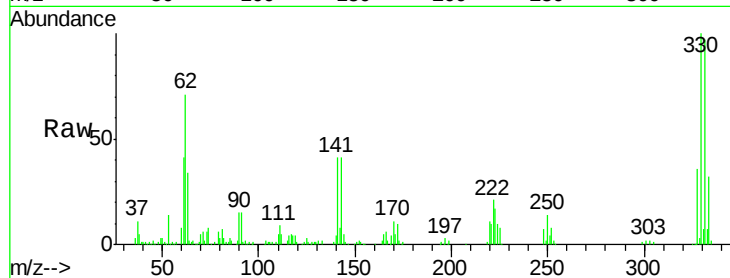




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.45 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097973.D
 Acq: 23 Aug 2017 00:23

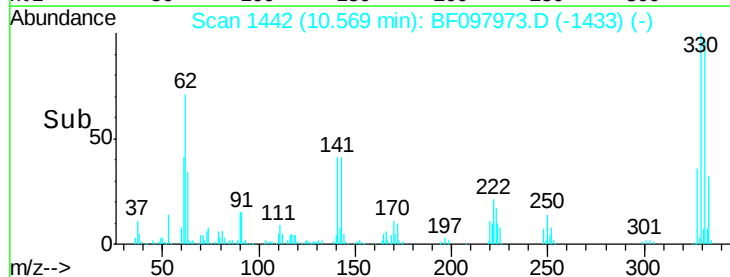
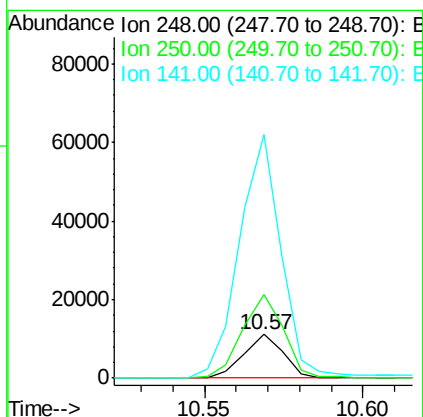
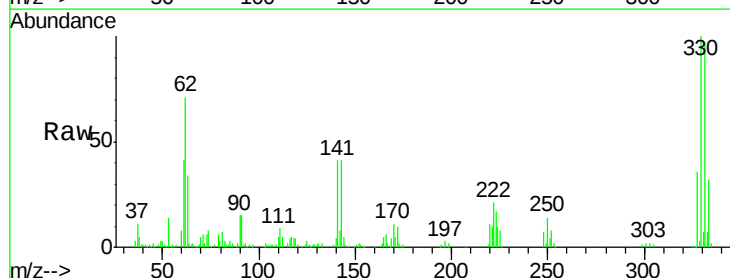
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-2

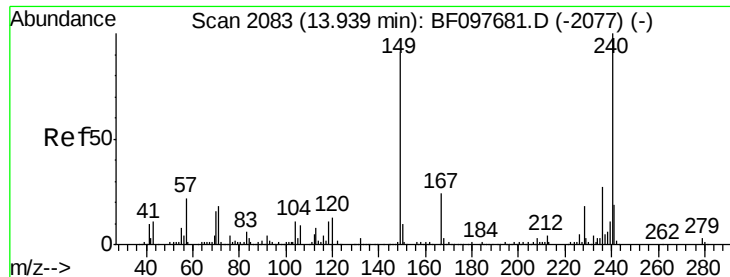
Tot Ion:198 Resp: 275
 Ion Ratio Lower Upper
 198 100
 51 180.3 53.2 93.2#
 105 269.1 45.8 85.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.44 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097973.D
 Acq: 23 Aug 2017 00:23

Tgt Ion:248 Resp: 9652
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.8 115.2#
 141 562.1 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF097973.D

Acq: 23 Aug 2017 00:23

Instrument :

BNA_F

ClientSampleId :

SP-1-2

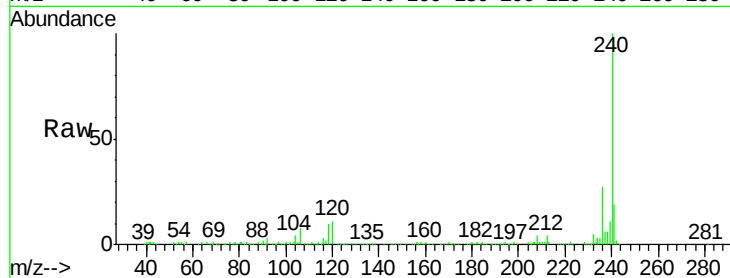
Tot Ion:240 Resp: 292439

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

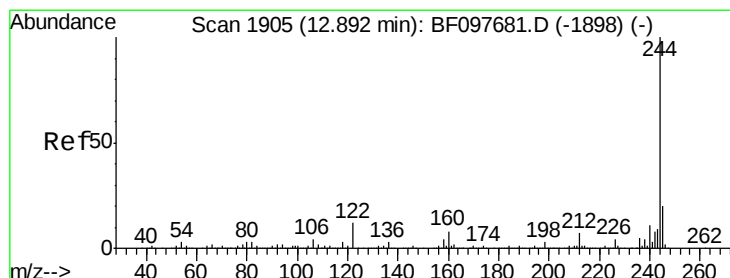
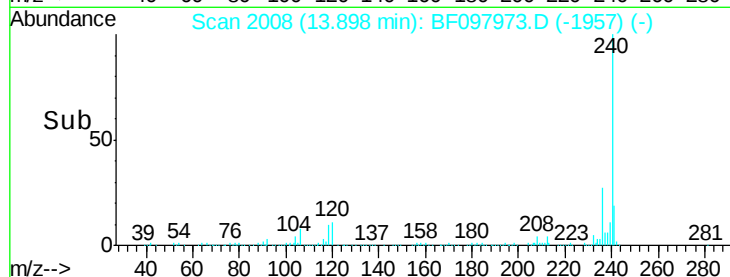
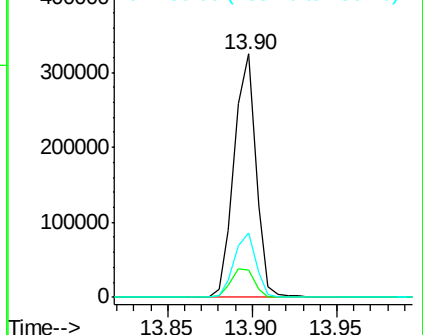
236 26.7 20.5 30.7



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: 54.04 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097973.D

Acq: 23 Aug 2017 00:23

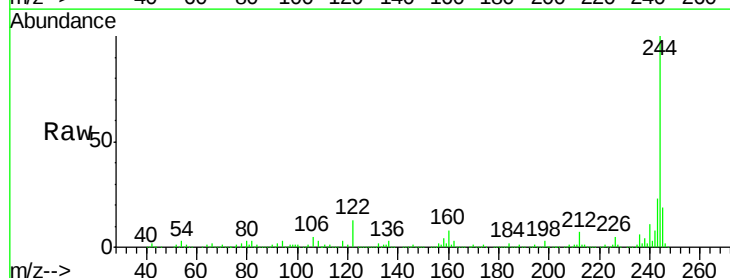
Tgt Ion:244 Resp: 757795

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

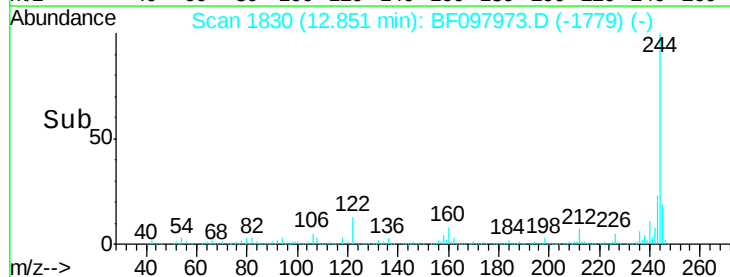
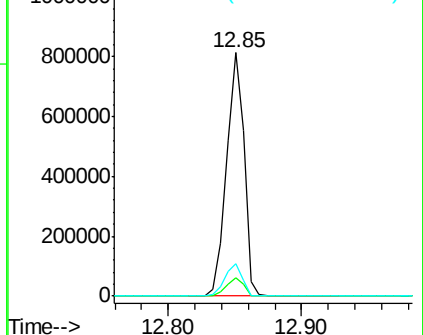
122 13.3 10.3 15.5

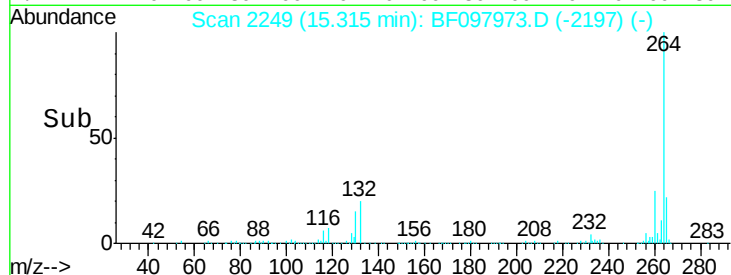
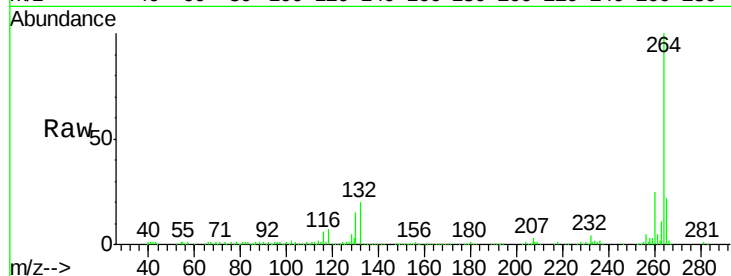
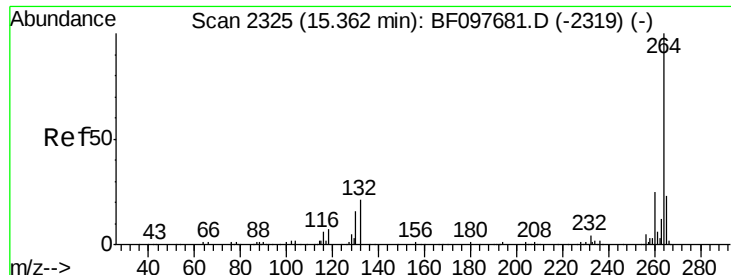


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097973.D
Acq: 23 Aug 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SP-1-2

Tot Ion:	264	Resp:	258403
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.2	25.8

