

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097481.D
 Acq On : 8 Aug 2017 21:12
 Operator : SJ/JU
 Sample : PB101345BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BL

Quant Time: Aug 09 01:01:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

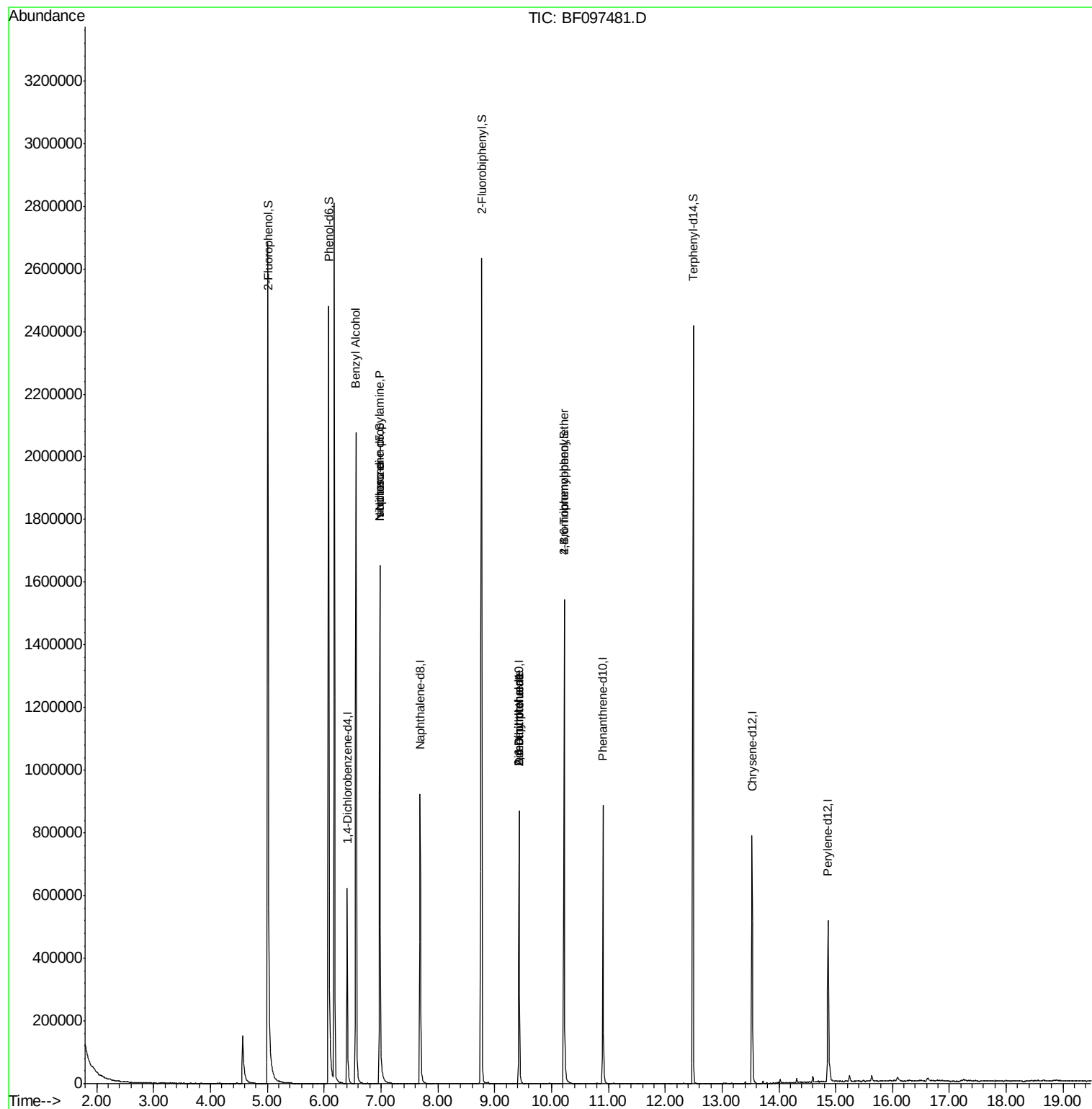
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	99879	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	458386	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	195927	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	325094	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	292502	20.00	ng	-0.01
86) Perylene-d12	14.86	264	231364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	950123	143.40	ng	0.00
7) Phenol-d6	6.08	99	1024227	135.41	ng	0.00
23) Nitrobenzene-d5	6.98	82	614828	78.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	190950	123.35	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	997107	86.37	ng	0.00
78) Terphenyl-d14	12.49	244	839688	58.53	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	9844	2.06	ng	# 36
19) n-Nitroso-di-n-propylamine	6.98	70	82525	16.58	ng	# 89
25) Isophorone	6.98	82	614825	40.18	ng	# 67
49) Dimethylphthalate	9.43	163	56362	3.79	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	24800	7.86	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	24800	6.84	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	11670	3.60	ng	# 1

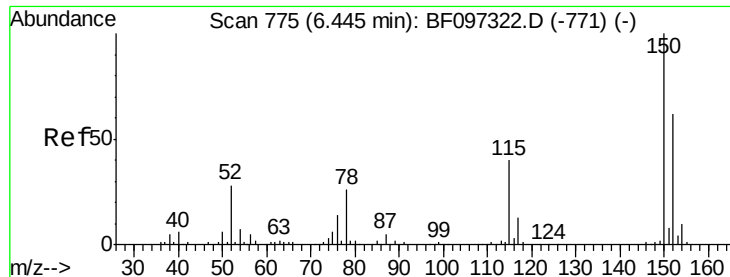
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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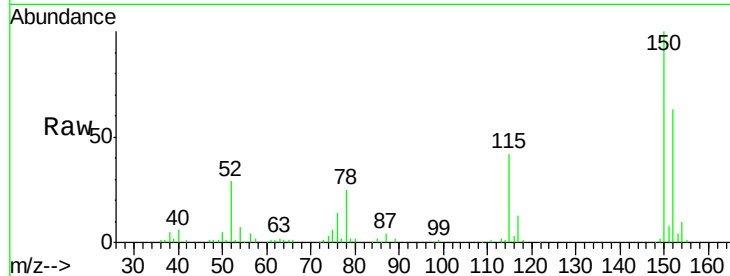


#1

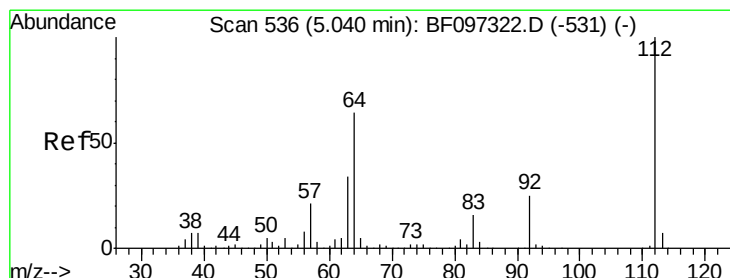
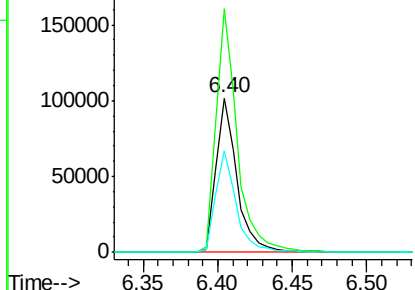
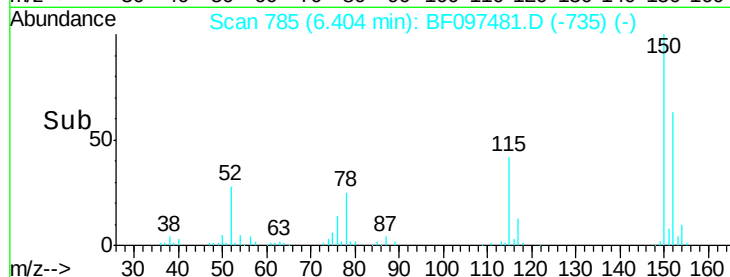
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

Instrument :
BNA_F
ClientSampleId :
PB101345BL

Tot Ion:152 Resp: 99879
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 66.2 52.2 78.2



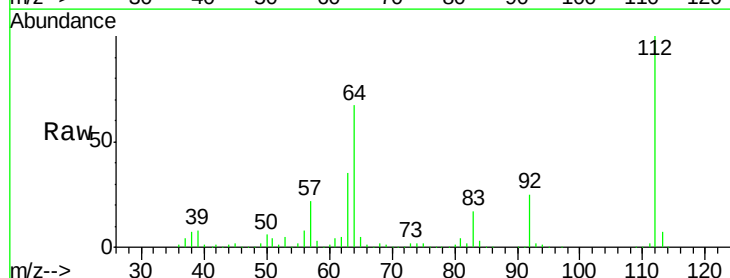
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



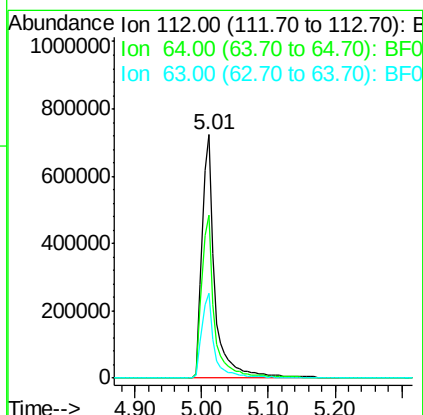
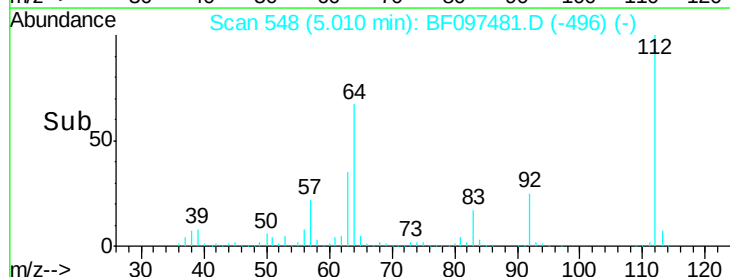
#5

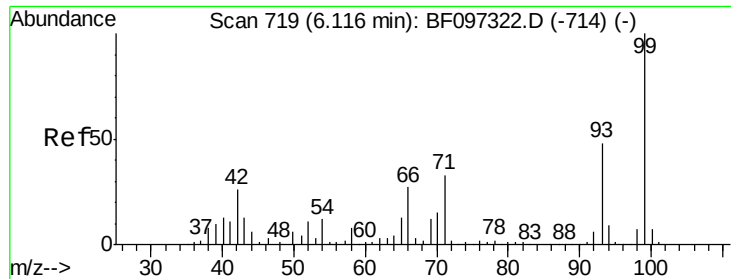
2-Fluorophenol
Concen: 143.40 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

Tgt Ion:112 Resp: 950123
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.8 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: 135.41 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

Instrument :

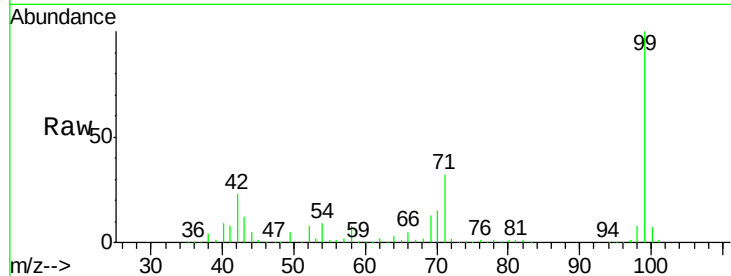
BNA_F

ClientSampled :

PB101345BL

Tot Ion: 99 Resp: 1024227

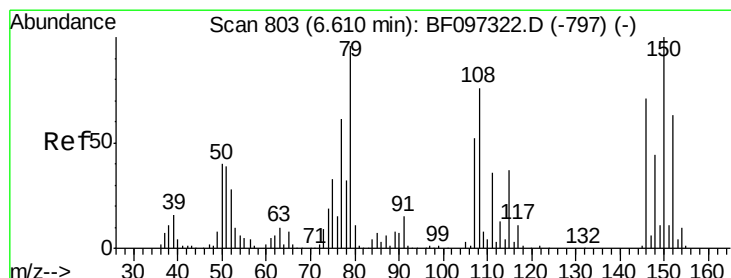
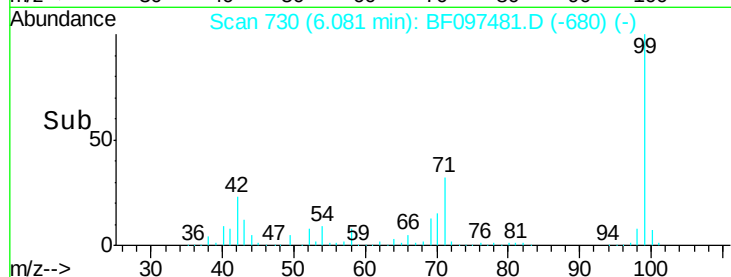
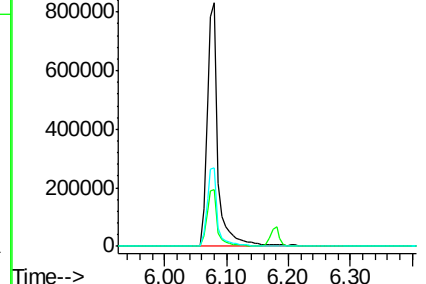
Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	32.4	24.5	36.7



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.56 min Scan# 811

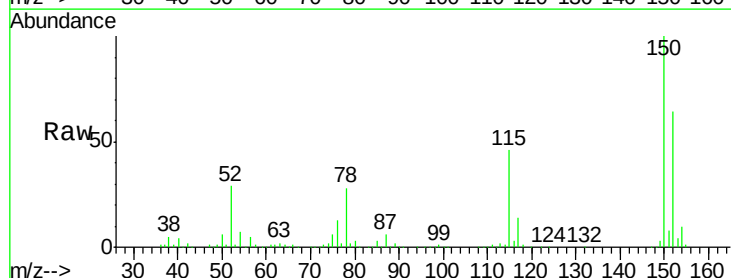
Delta R.T. -0.02 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

Tgt Ion: 79 Resp: 9844

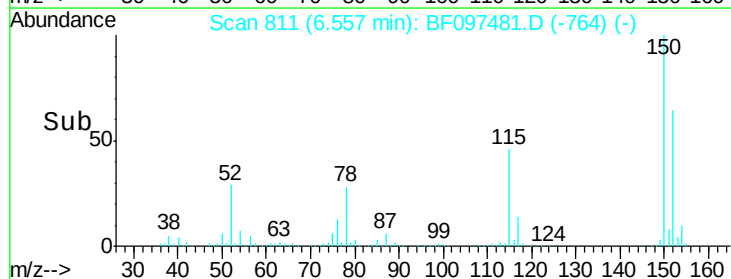
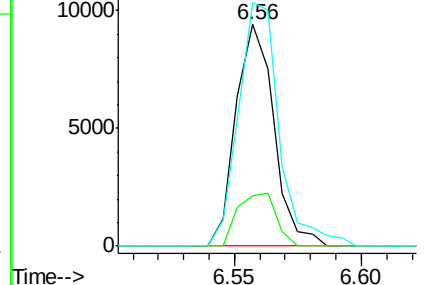
Ion	Ratio	Lower	Upper
79	100		
108	22.6	63.4	95.0#
77	109.8	49.2	73.8#

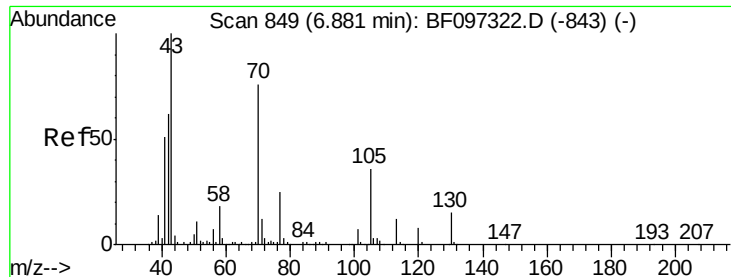


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

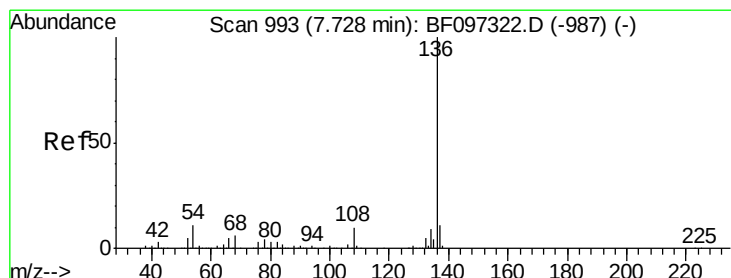
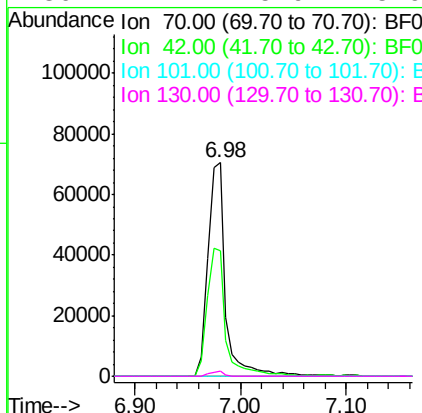
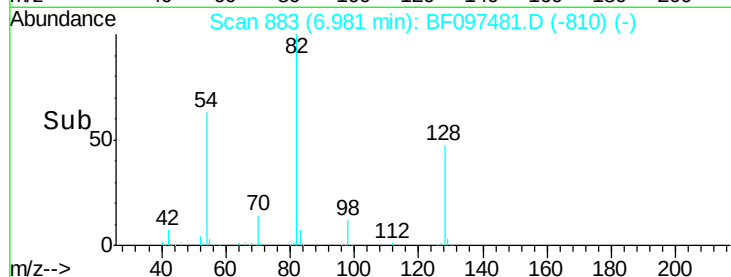
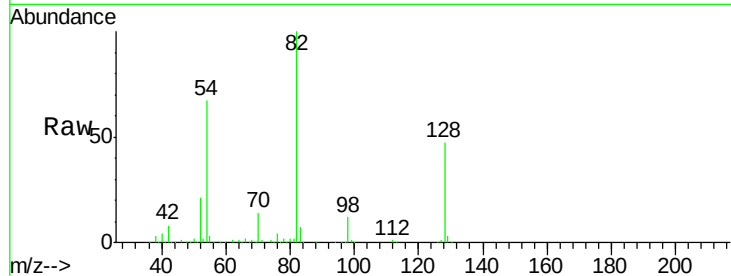




#19
n-Nitroso-di-n-propylamine
Concen: 16.58 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

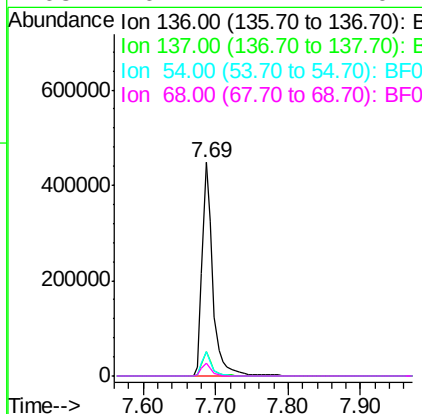
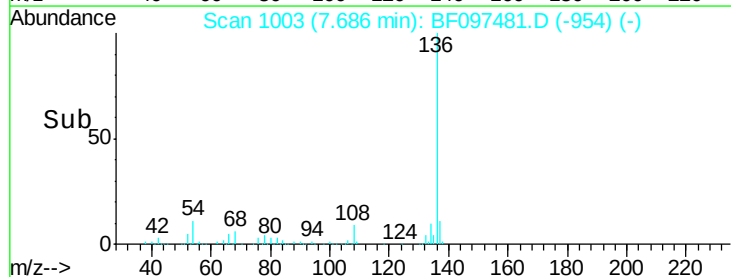
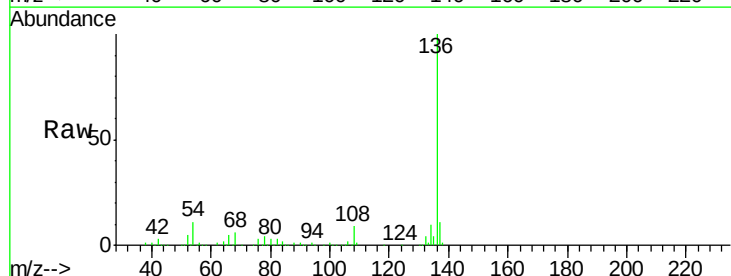
Instrument :
BNA_F
ClientSampleId :
PB101345BL

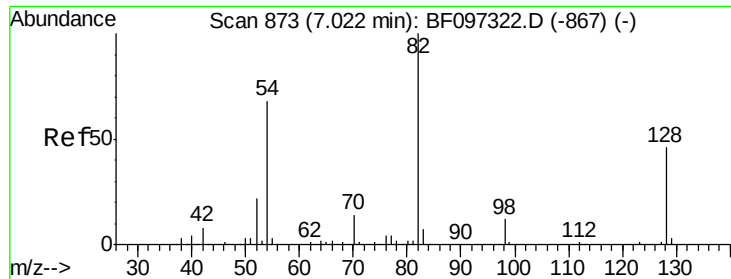
Tot Ion: 70 Resp: 82525
Ion Ratio Lower Upper
70 100
42 58.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

Tgt Ion: 136 Resp: 458386
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.5 4.9 7.3#
68 6.1 4.1 6.1#

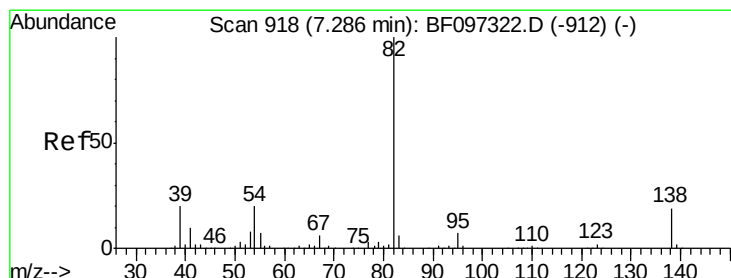
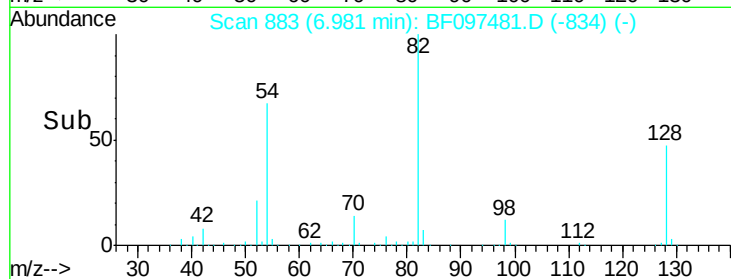
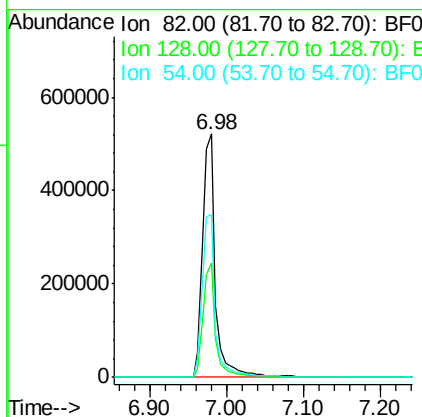
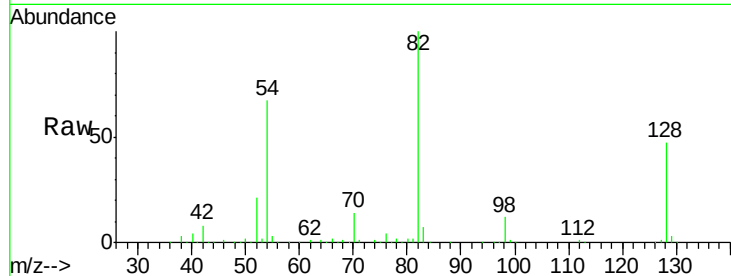




#23
 Nitrobenzene-d5
 Concen: 78.69 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097481.D
 Acq: 8 Aug 2017 21:12

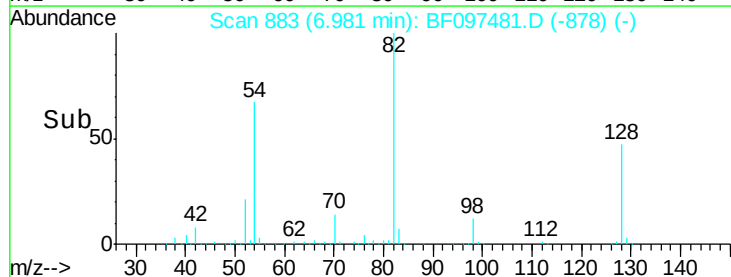
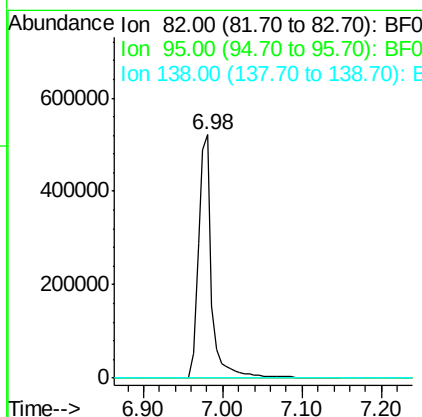
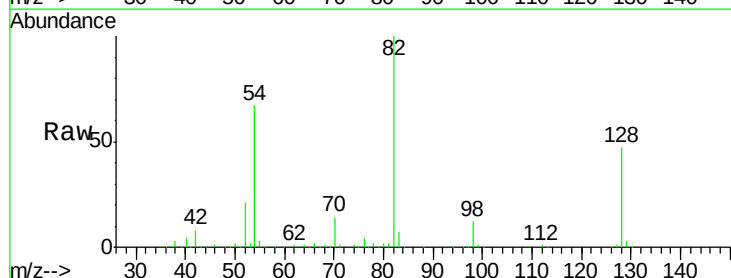
Instrument :
 BNA_F
 ClientSampleId :
 PB101345BL

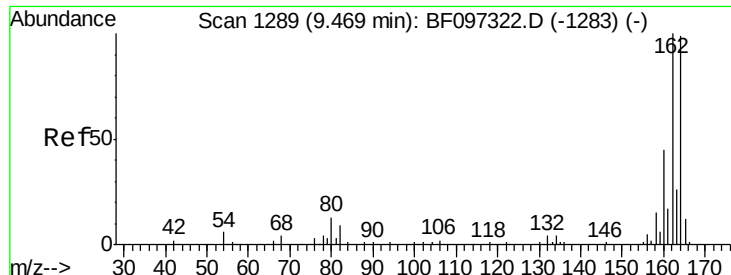
Tot Ion: 82 Resp: 614828
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 67.1 42.2 63.2#



#25
 Isophorone
 Concen: 40.18 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097481.D
 Acq: 8 Aug 2017 21:12

Tgt Ion: 82 Resp: 614825
 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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

Instrument :

BNA_F

ClientSampleId :

PB101345BL

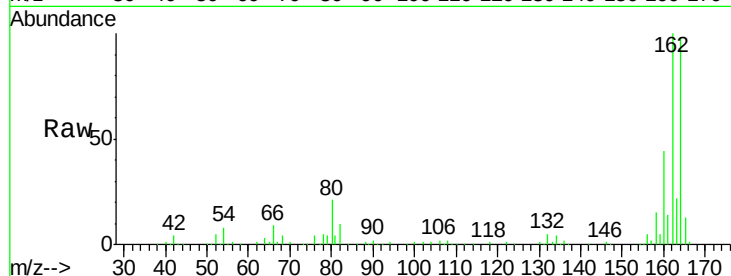
Tot Ion:164 Resp: 195927

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

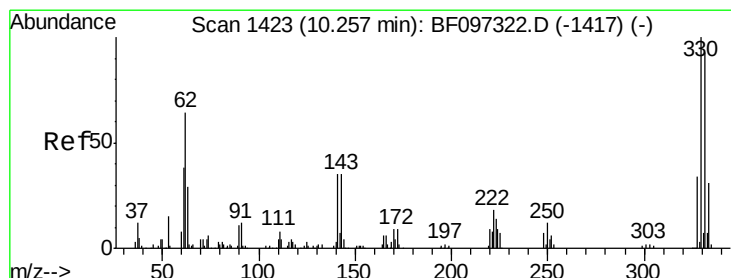
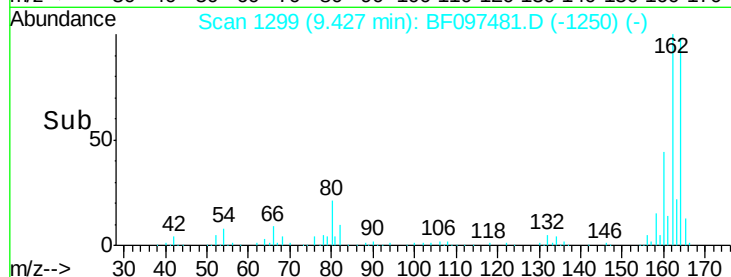
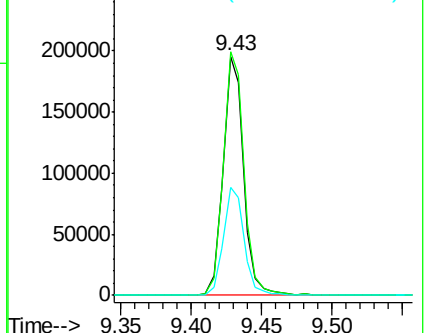
160 45.0 36.2 54.2



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: 123.35 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

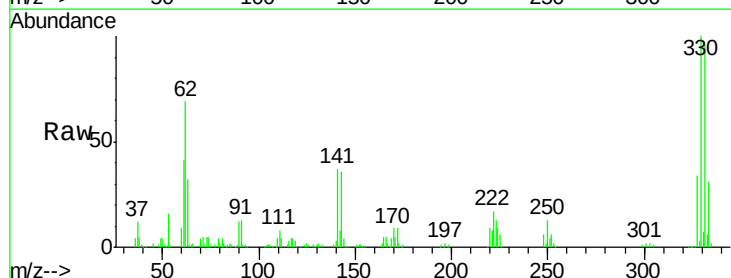
Tgt Ion:330 Resp: 190950

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

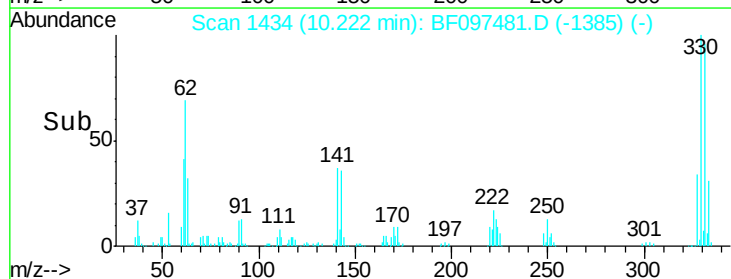
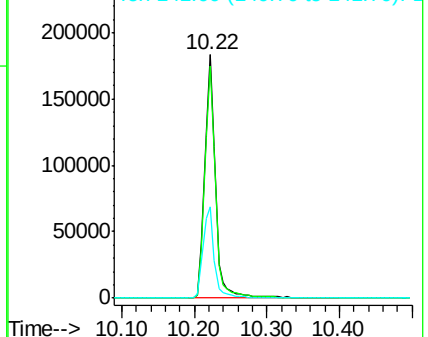
141 38.8 31.4 47.2

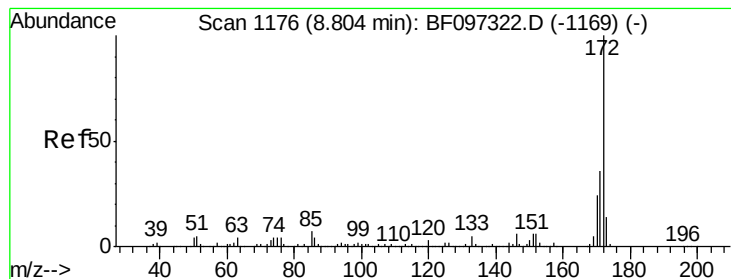


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.37 ng

RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

Instrument :

BNA_F

ClientSampleId :

PB101345BL

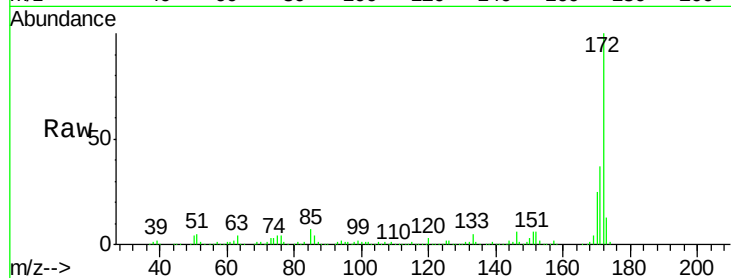
Tot Ion:172 Resp: 997107

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

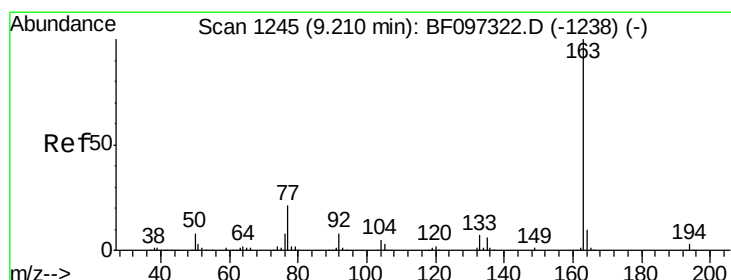
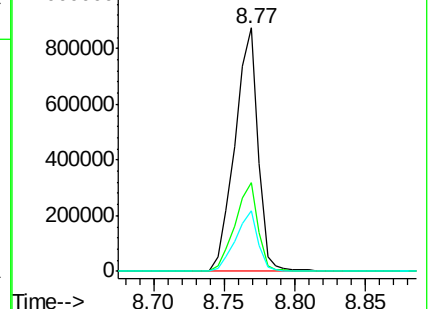
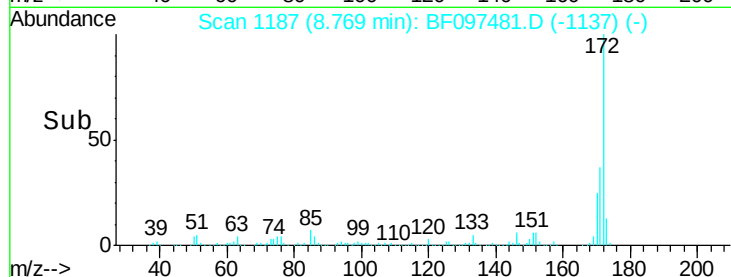
170 24.7 19.8 29.8



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: 3.79 ng

RT: 9.43 min Scan# 1300

Delta R.T. 0.25 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

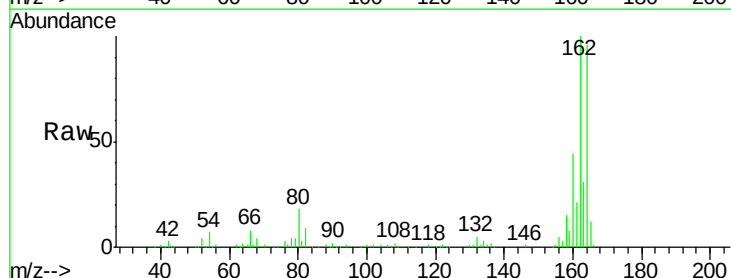
Tgt Ion:163 Resp: 56362

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

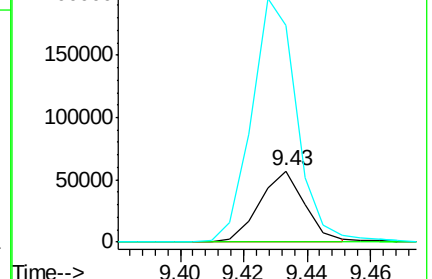
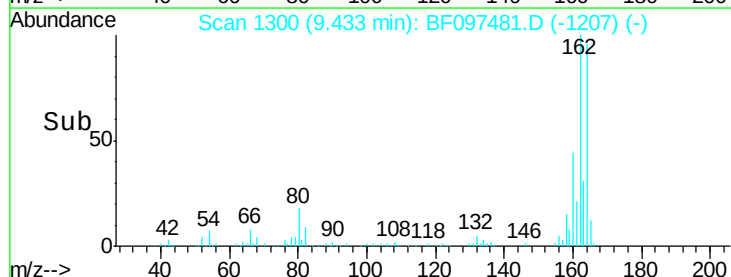
164 305.5 8.4 12.6#

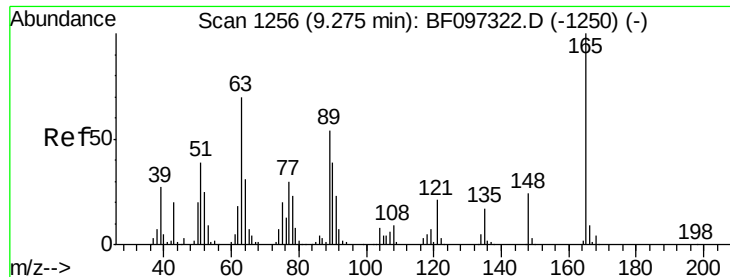


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

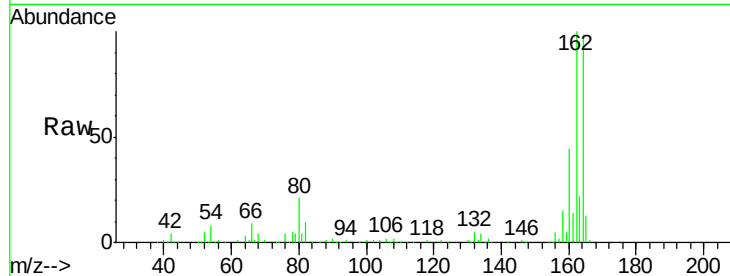




#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097481.D
 Acq: 8 Aug 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BL

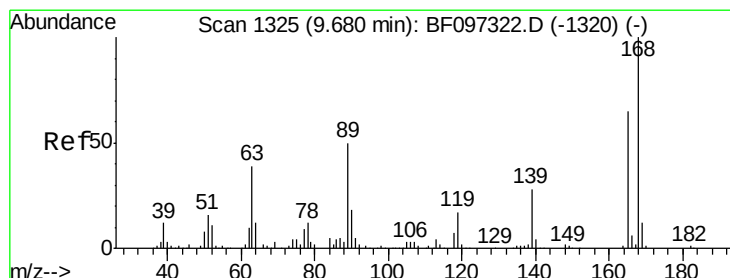
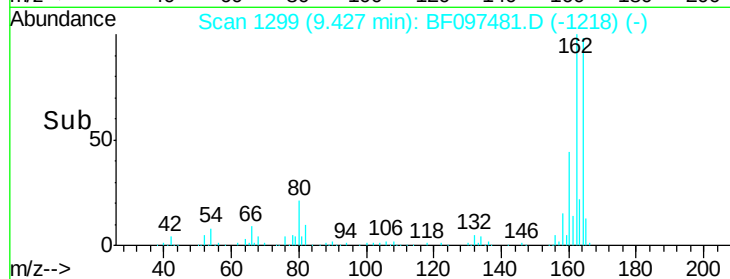
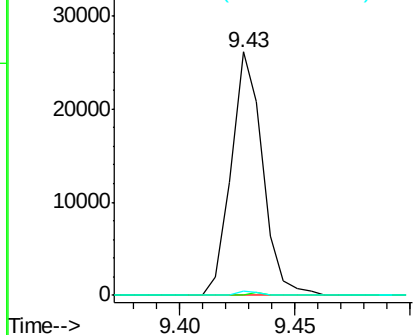
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.5	37.1	55.7#



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: 6.84 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097481.D
 Acq: 8 Aug 2017 21:12

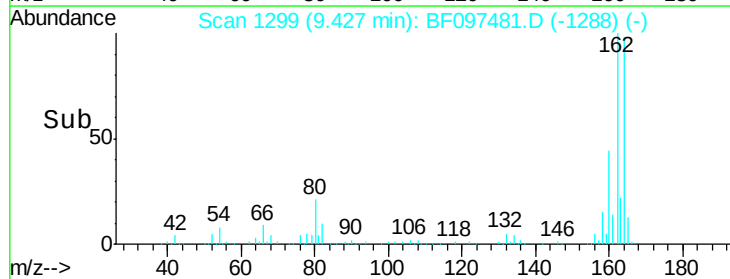
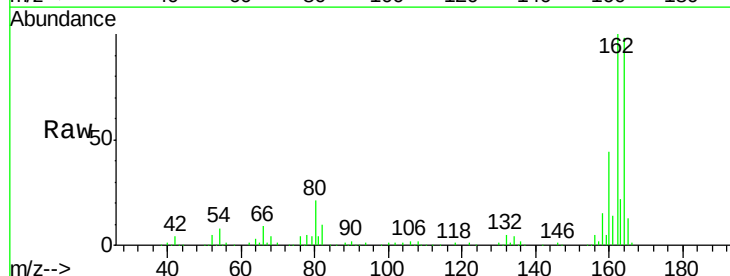
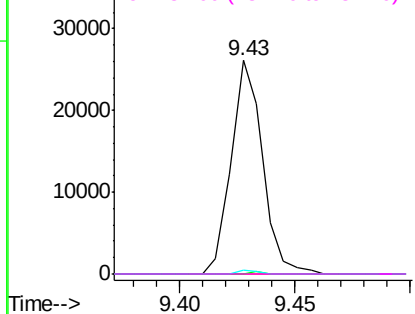
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

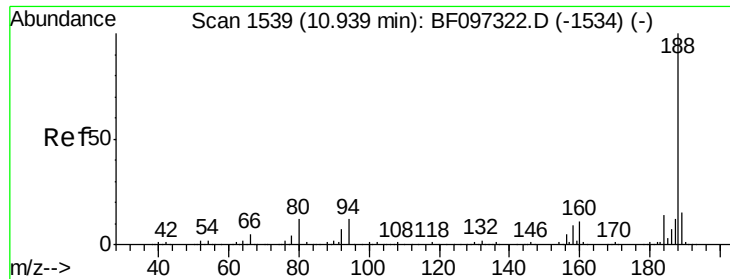
Abundance Ion 165.00 (164.70 to 165.70): E

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

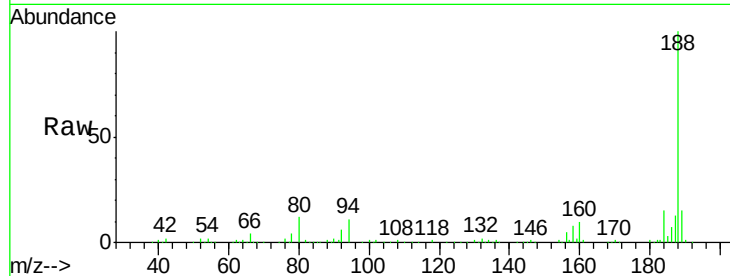




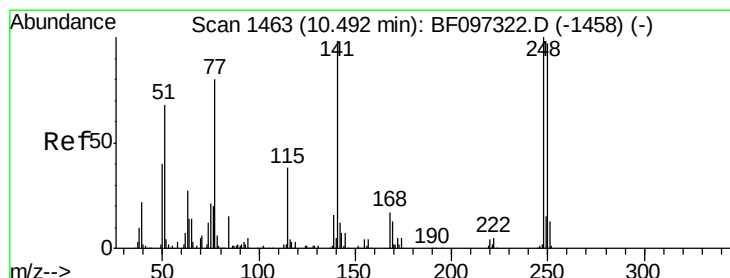
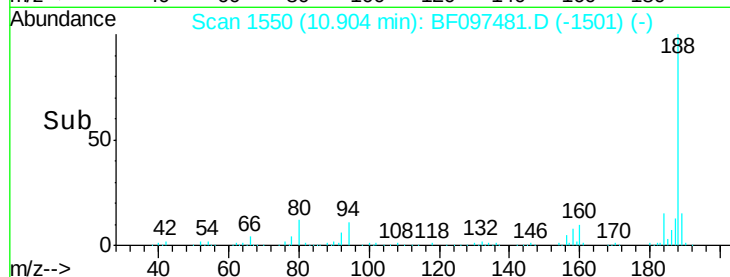
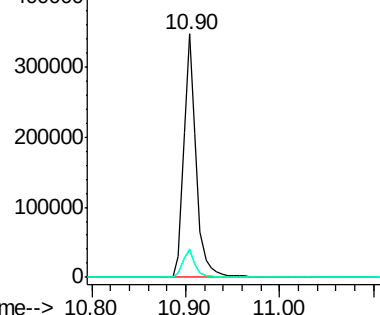
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

Instrument :
BNA_F
ClientSampleId :
PB101345BL

Tot Ion:188 Resp: 325094
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.7 10.2 15.2

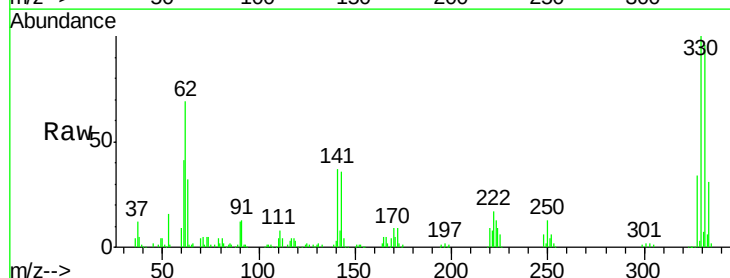


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

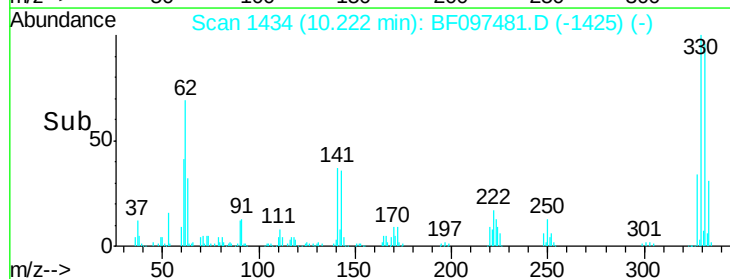
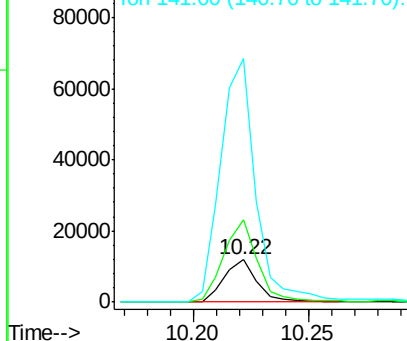


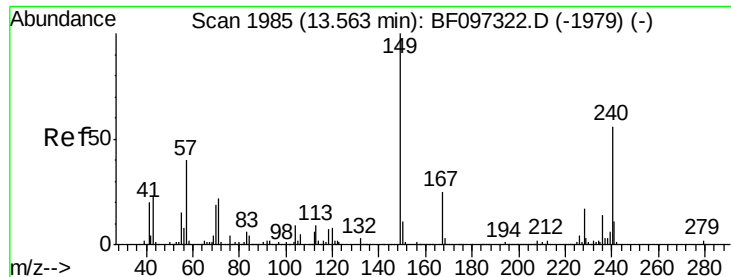
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

Tgt Ion:248 Resp: 11670
Ion Ratio Lower Upper
248 100
250 196.6 76.8 115.2#
141 578.0 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: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

Instrument :

BNA_F

ClientSampleId :

PB101345BL

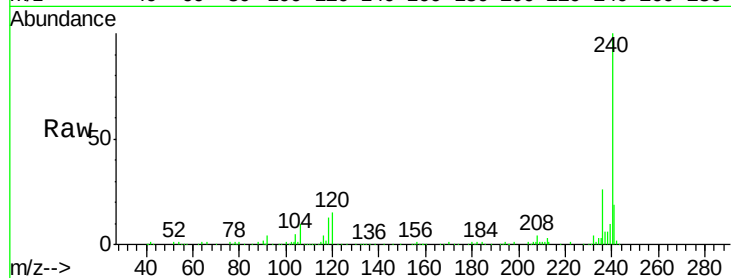
Tot Ion:240 Resp: 292502

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

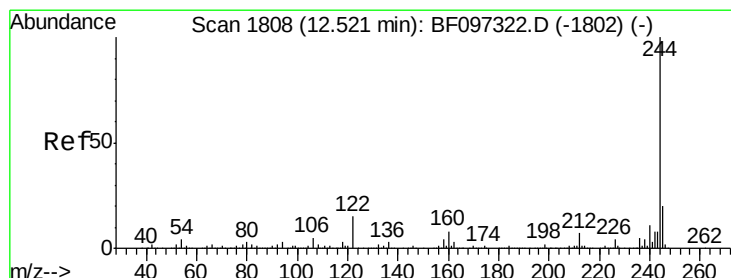
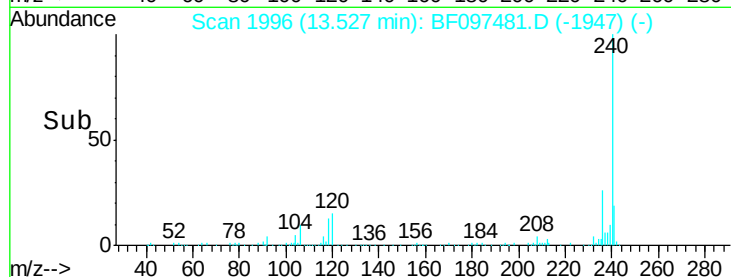
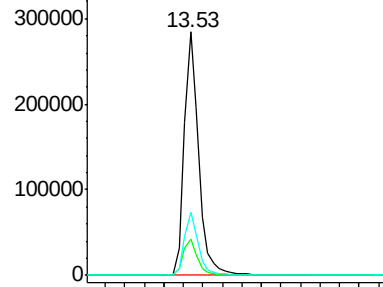
236 26.1 20.5 30.7



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: 58.53 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097481.D

Acq: 8 Aug 2017 21:12

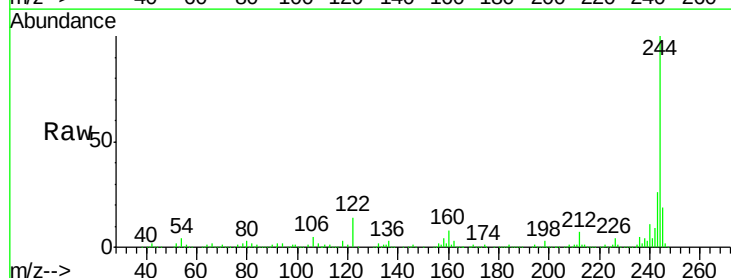
Tgt Ion:244 Resp: 839688

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

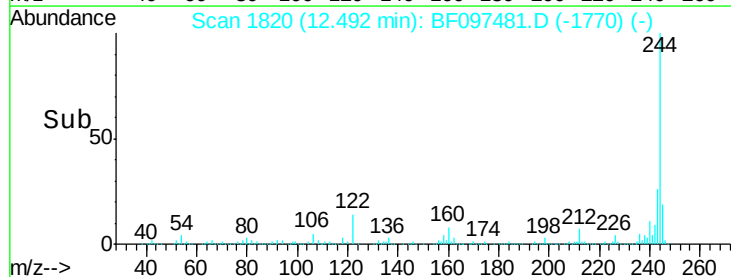
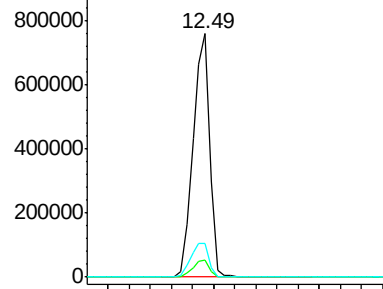
122 13.8 10.3 15.5

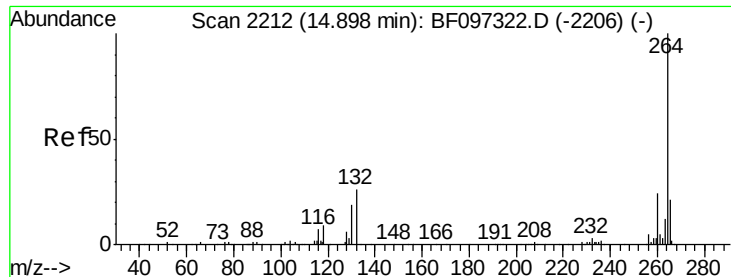


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

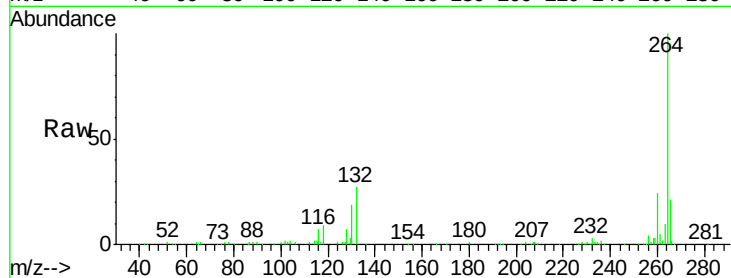




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097481.D
Acq: 8 Aug 2017 21:12

Instrument :
BNA_F
ClientSampleId :
PB101345BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.0	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

