

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097474.D
 Acq On : 8 Aug 2017 17:26
 Operator : SJ/JU
 Sample : I4594-05RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000-R4

Quant Time: Aug 08 17:57:57 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

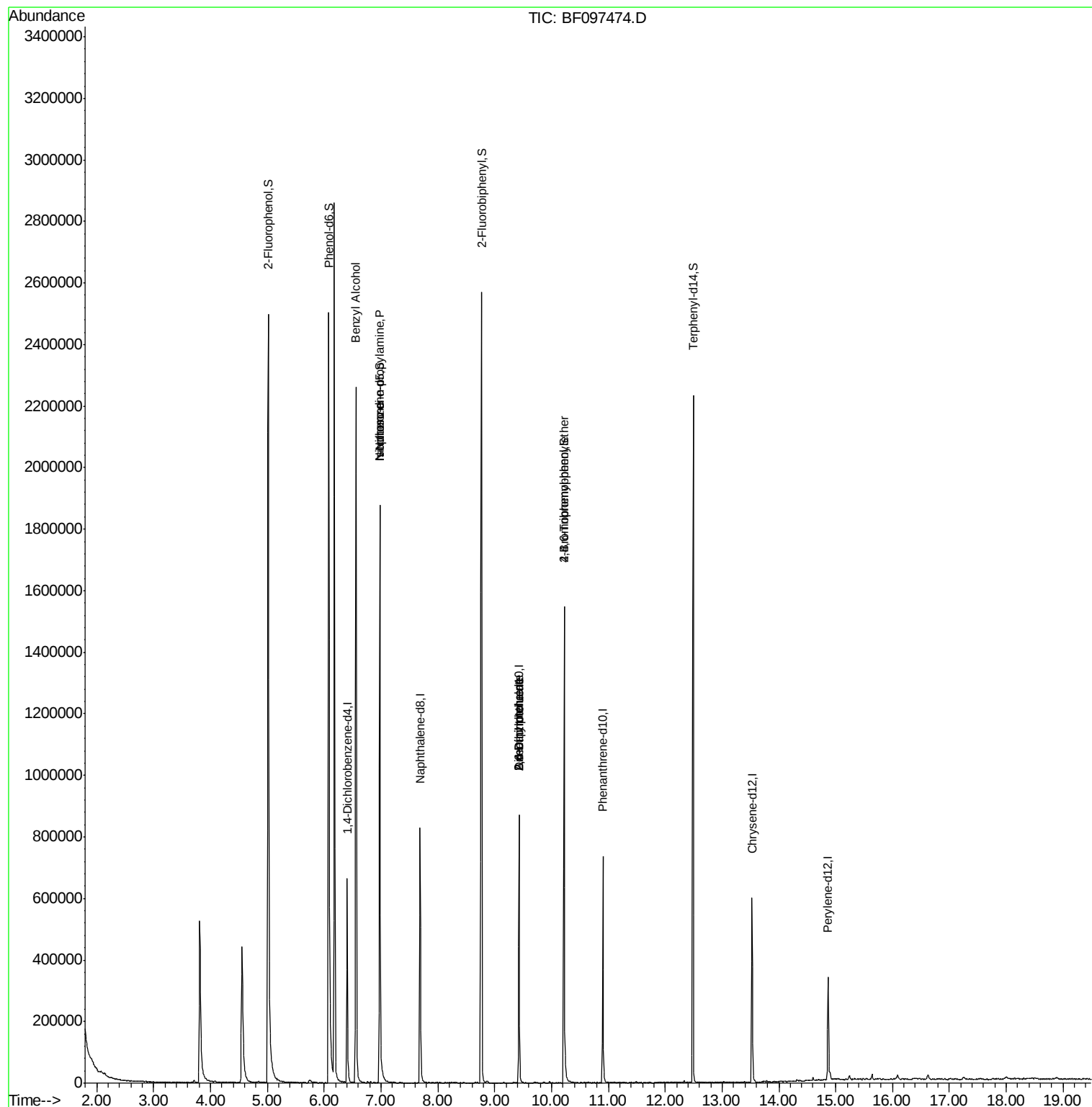
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	102133	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	412062	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	174273	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	278576	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	214883	20.00	ng	-0.01
86) Perylene-d12	14.86	264	147199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	899542	132.77	ng	0.01
7) Phenol-d6	6.08	99	1060320	137.09	ng	0.00
23) Nitrobenzene-d5	6.98	82	690180	98.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	199548	144.92	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	987007	96.12	ng	0.00
78) Terphenyl-d14	12.49	244	803516	76.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	10242	2.092	ng	# 42
19) n-Nitroso-di-n-propylamine	6.98	70	93363	18.338	ng	# 88
25) Isophorone	6.98	82	690177	50.173	ng	# 67
49) Dimethylphthalate	9.43	163	51389	3.883	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	21619	7.702	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	21619	6.700	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	12277	4.416	ng	# 1

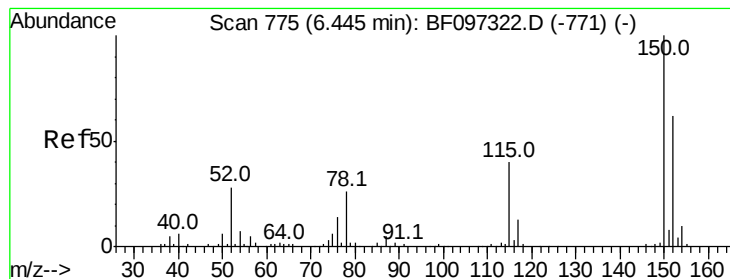
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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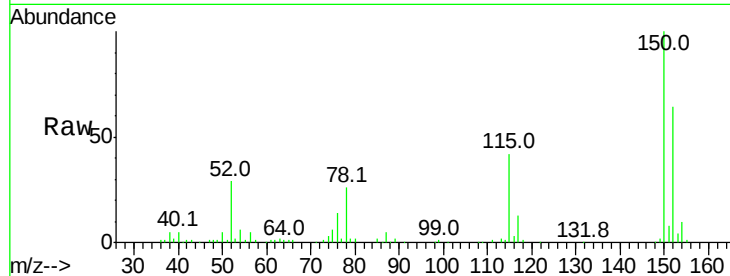


#1

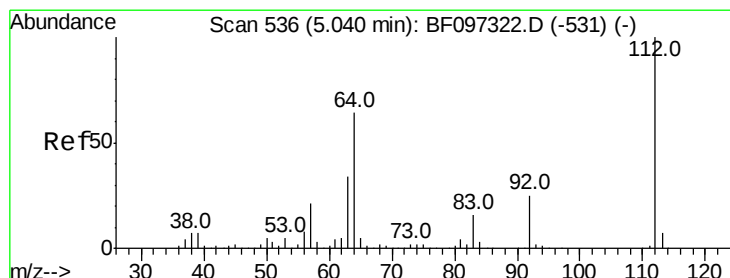
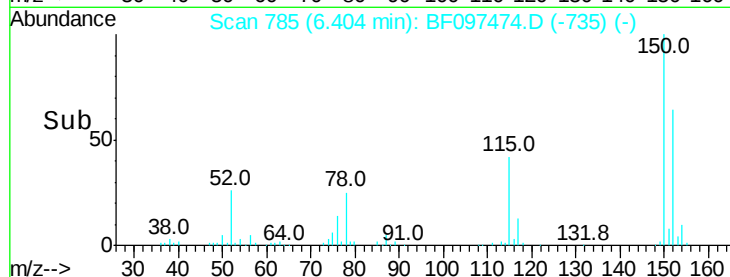
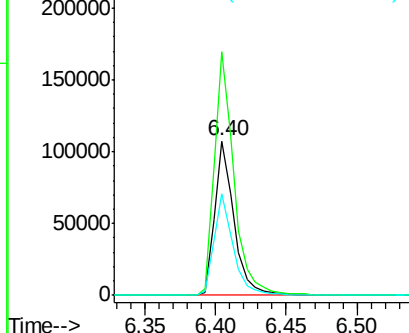
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Instrument :
BNA_F
ClientSampleId :
72-12000-R4

Tot Ion:152 Resp: 102133
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 65.4 52.2 78.2



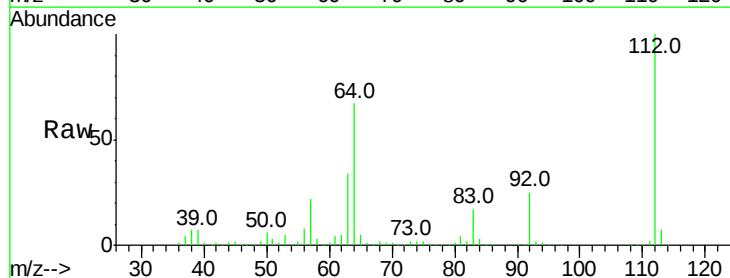
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



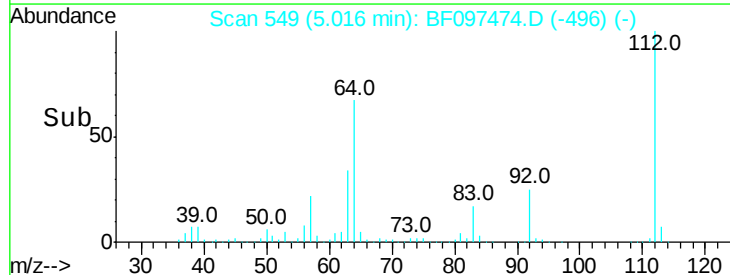
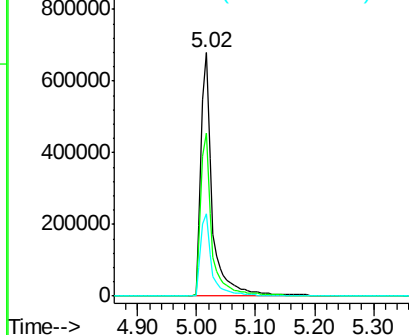
#5

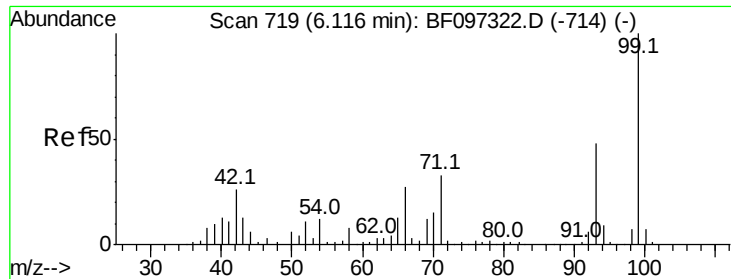
2-Fluorophenol
Concen: 132.773 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Tgt Ion:112 Resp: 899542
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.1 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: 137.089 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

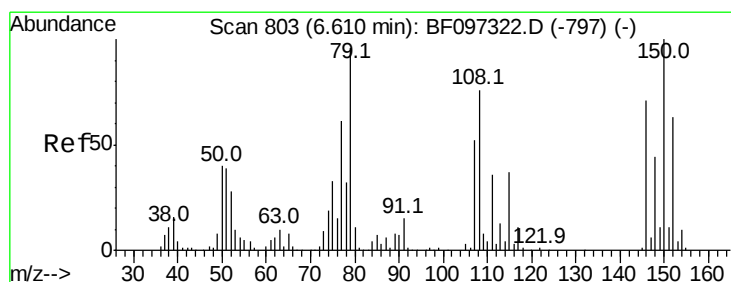
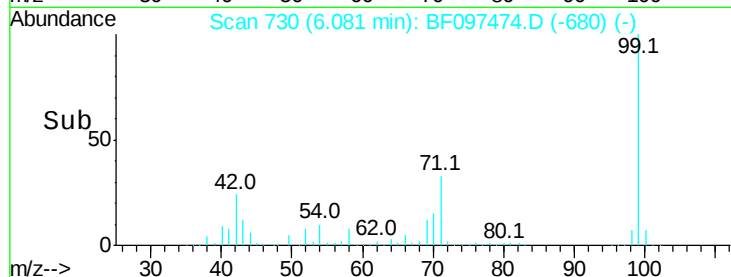
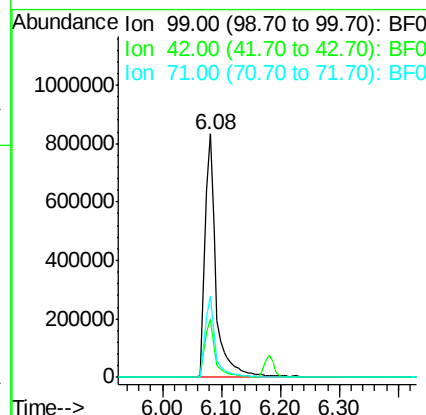
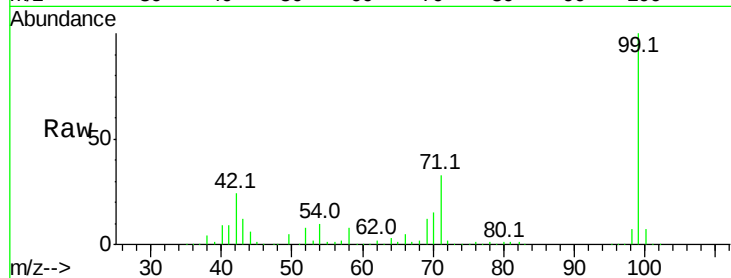
BNA_F

ClientSampleId :

72-12000-R4

Tot Ion: 99 Resp: 1060320

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	33.4	24.5	36.7



#15

Benzyl Alcohol

Concen: 2.092 ng

RT: 6.56 min Scan# 811

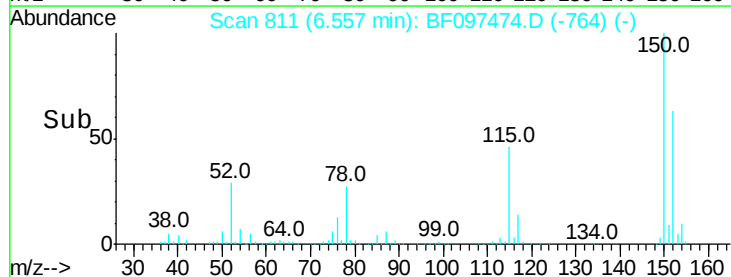
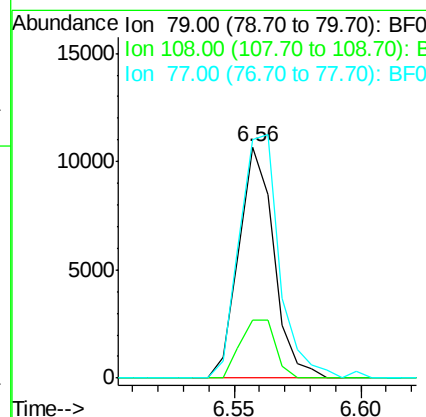
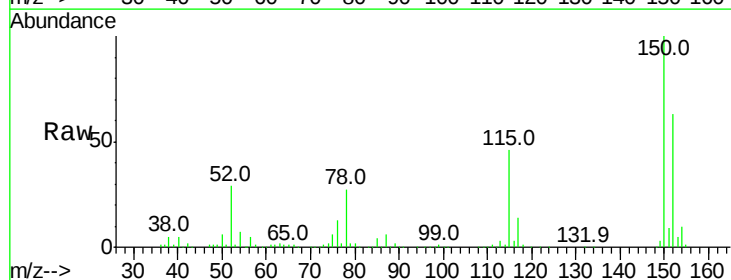
Delta R.T. -0.02 min

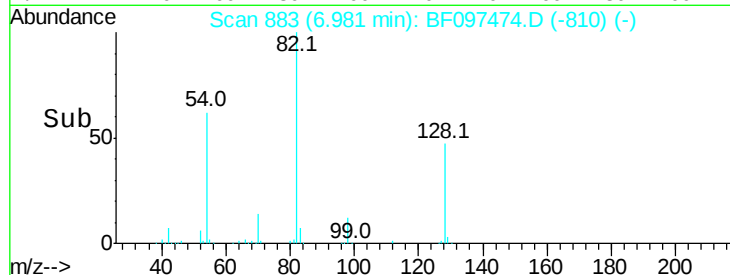
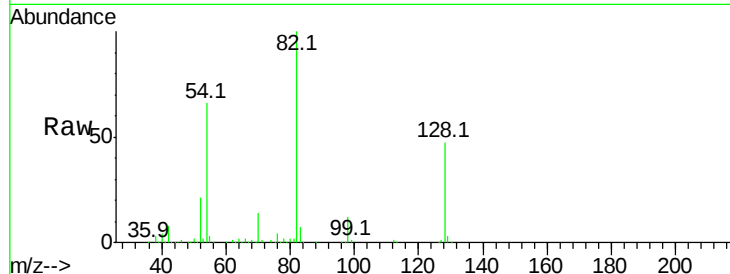
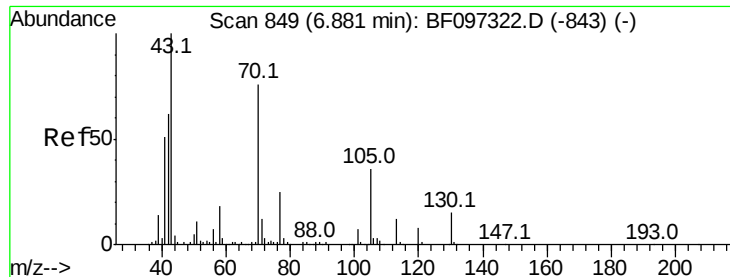
Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Tgt Ion: 79 Resp: 10242

Ion	Ratio	Lower	Upper
79	100		
108	25.2	63.4	95.0#
77	102.9	49.2	73.8#

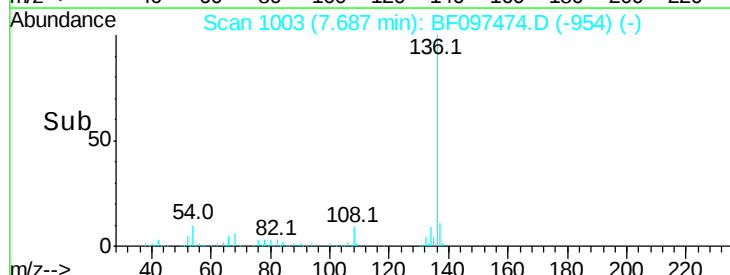
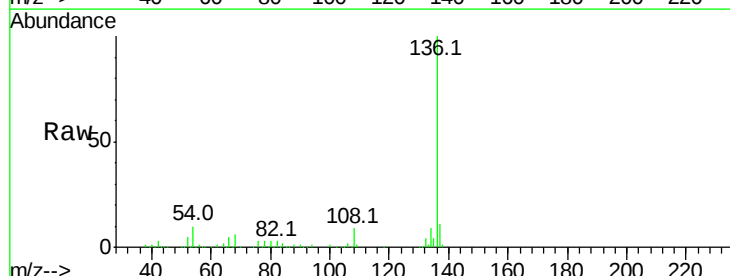
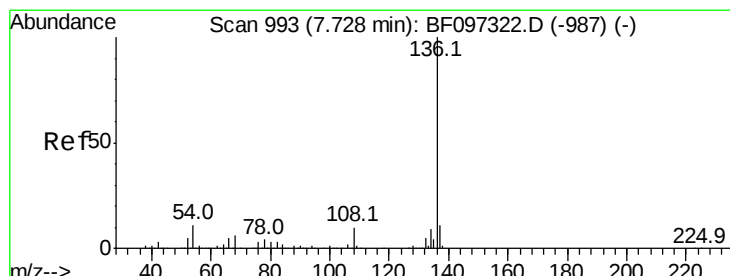
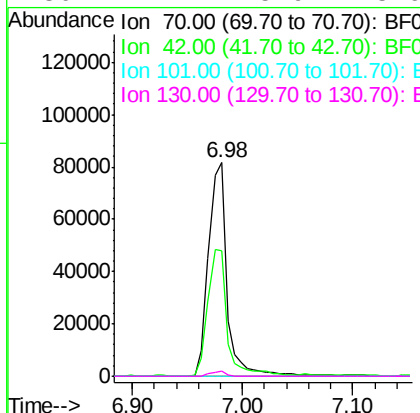




#19
n-Nitroso-di-n-propylamine
Concen: 18.338 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

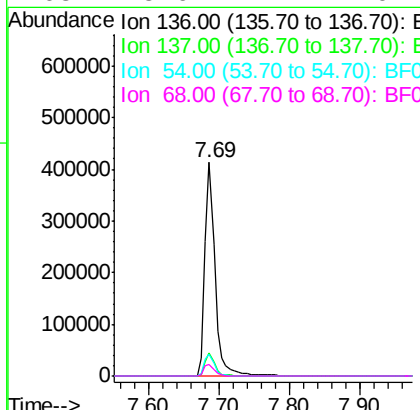
Instrument :
BNA_F
ClientSampleId :
72-12000-R4

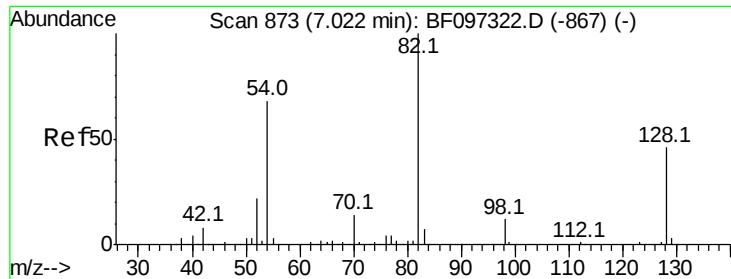
Tot Ion: 70 Resp: 93363
Ion Ratio Lower Upper
70 100
42 58.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Tgt Ion:136 Resp: 412062
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.3 4.9 7.3#
68 5.6 4.1 6.1

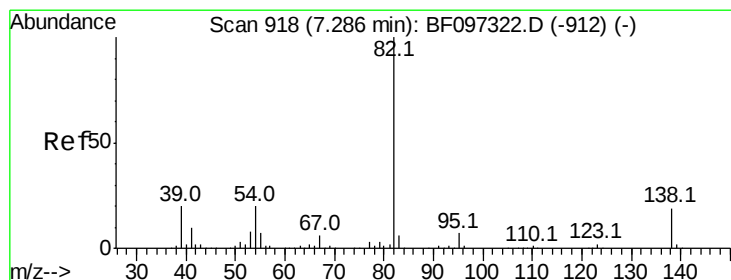
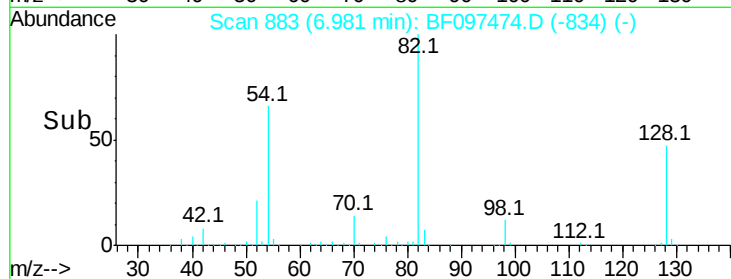
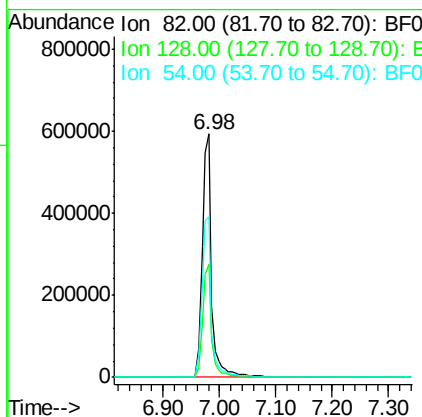
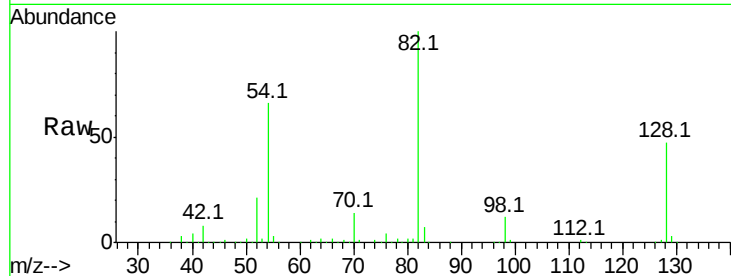




#23
 Nitrobenzene-d5
 Concen: 98.259 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

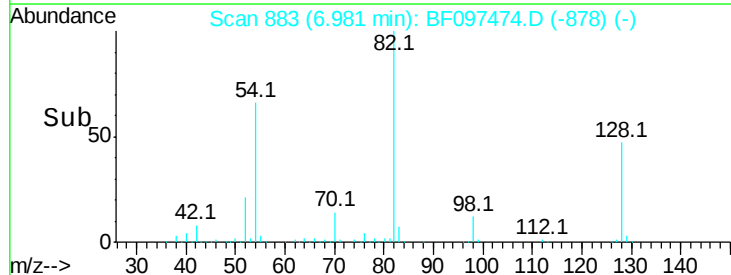
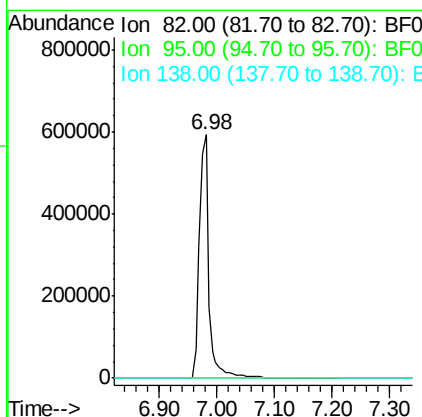
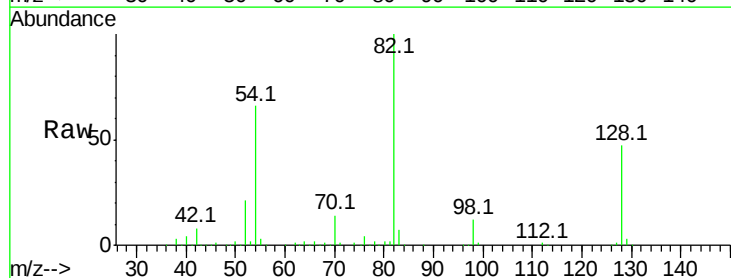
Instrument :
 BNA_F
 ClientSampleId :
 72-12000-R4

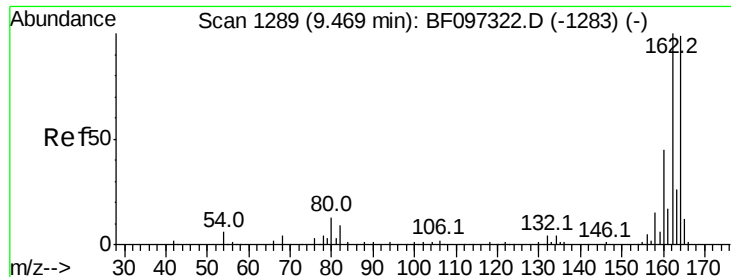
Tot Ion: 82 Resp: 690180
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 66.0 42.2 63.2#



#25
 Isophorone
 Concen: 50.173 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

Tgt Ion: 82 Resp: 690177
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

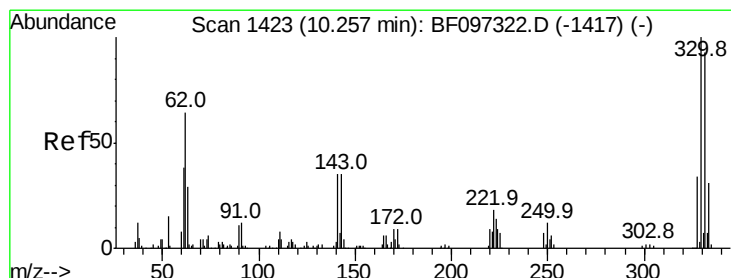
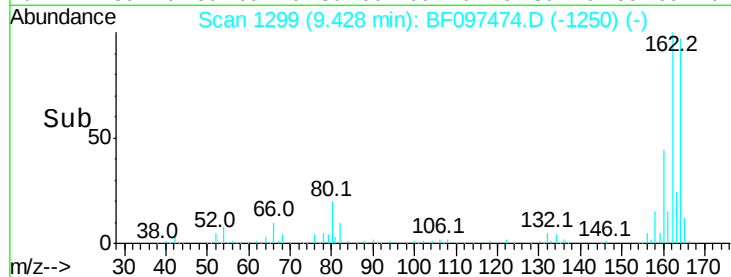
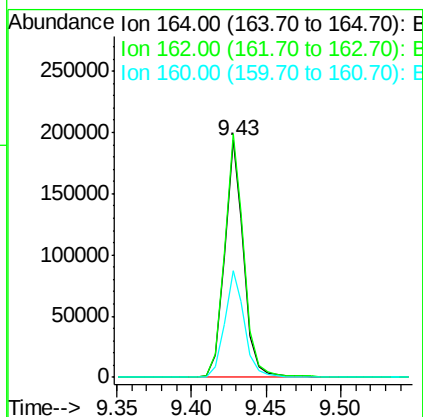
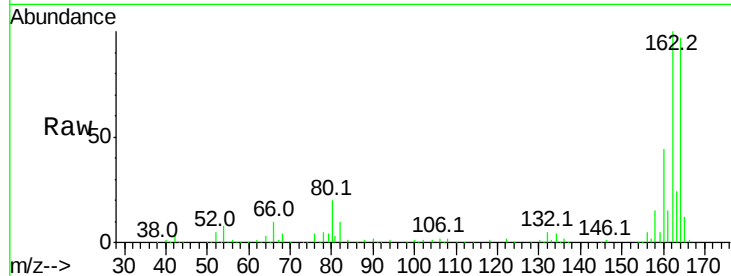




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

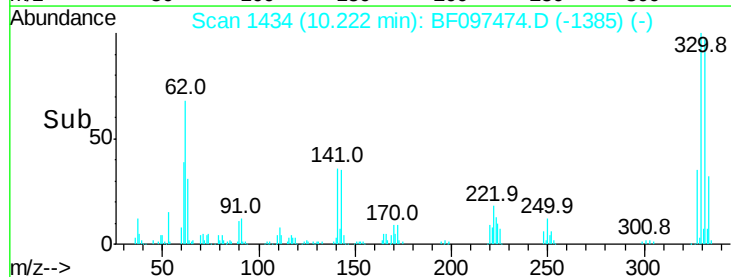
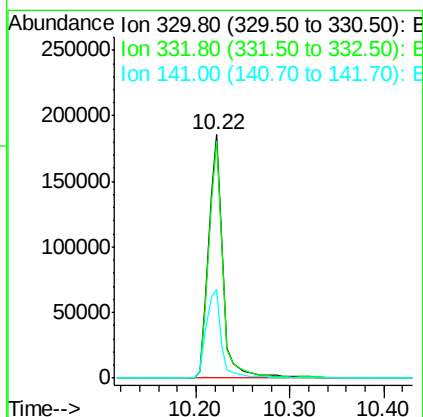
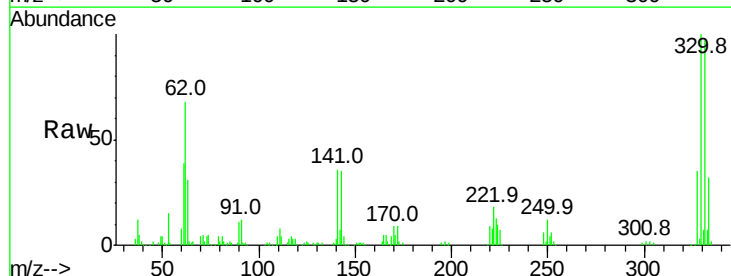
Instrument :
 BNA_F
 ClientSampleId :
 72-12000-R4

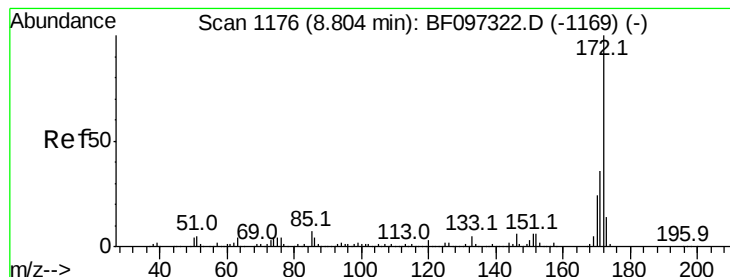
Tot Ion:164 Resp: 174273
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 144.923 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

Tgt Ion:330 Resp: 199548
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 38.8 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 96.116 ng

RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

BNA_F

ClientSampleId :

72-12000-R4

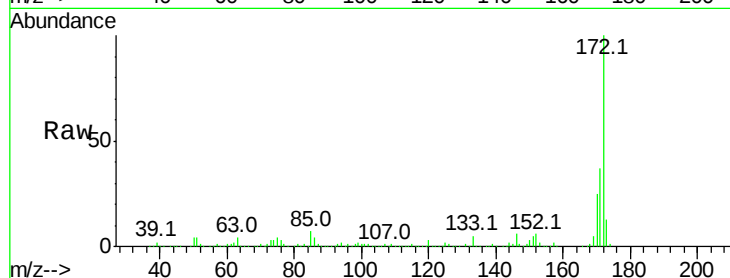
Tot Ion:172 Resp: 987007

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

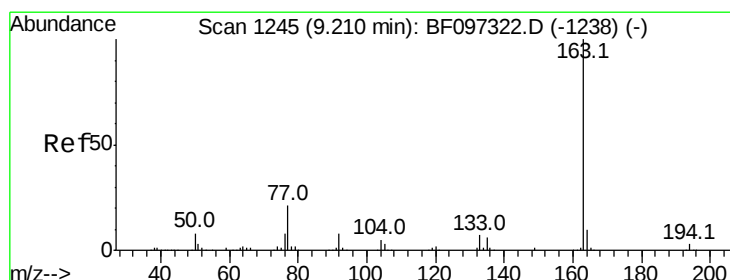
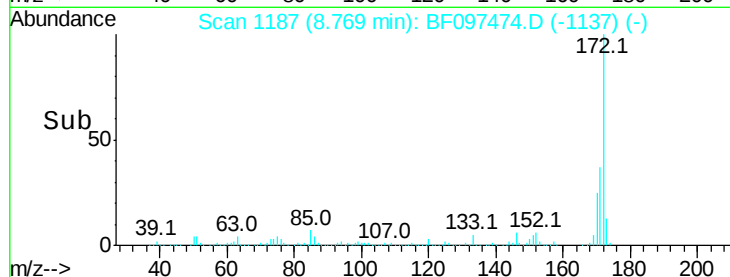
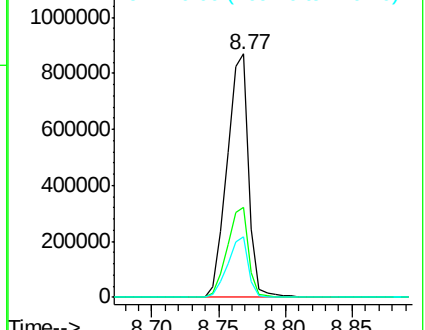
170 24.7 19.8 29.8



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: 3.883 ng

RT: 9.43 min Scan# 1300

Delta R.T. 0.25 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

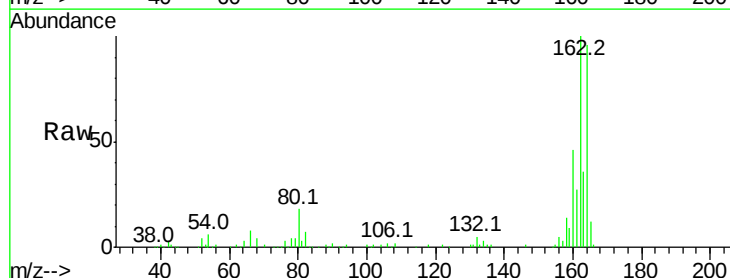
Tgt Ion:163 Resp: 51389

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

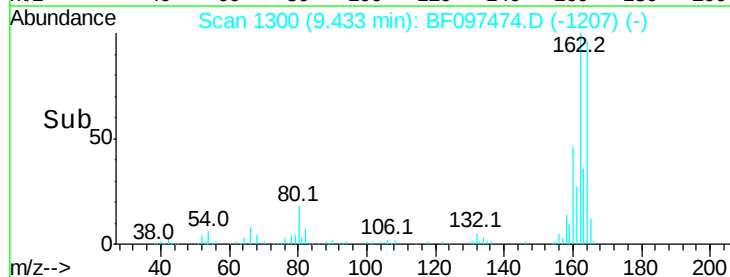
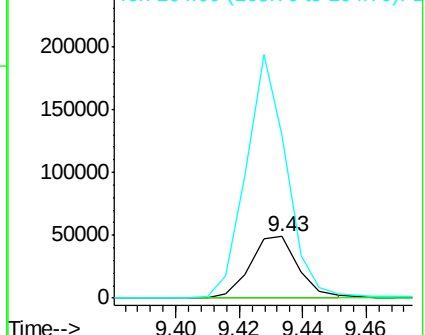
164 265.6 8.4 12.6#

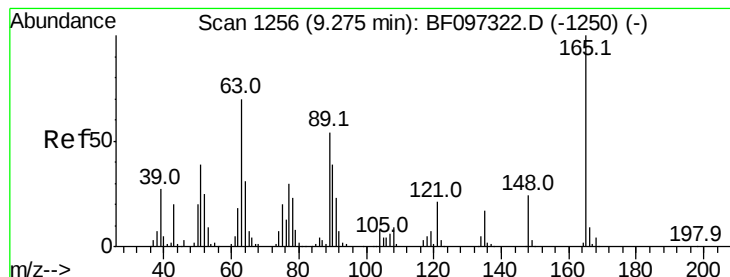


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 7.702 ng

RT: 9.43 min Scan# 1299

Delta R.T. 0.18 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

BNA_F

ClientSampleId :

72-12000-R4

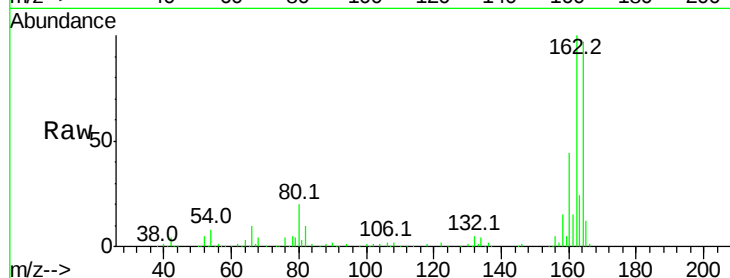
Tot Ion:165 Resp: 21619

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

89 0.0 37.1 55.7#

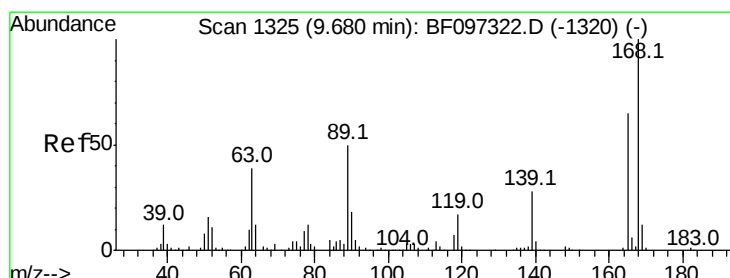
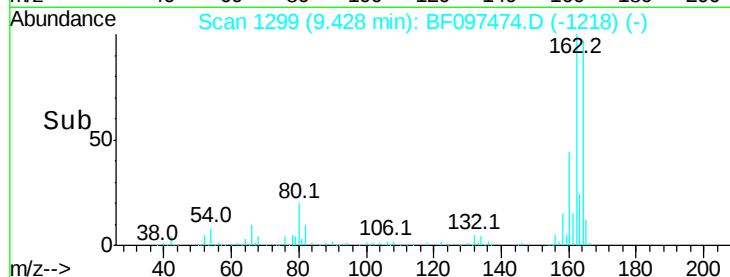
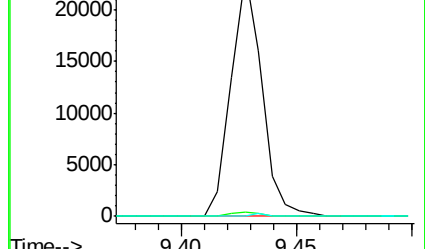


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.700 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.24 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Tgt Ion:165 Resp: 21619

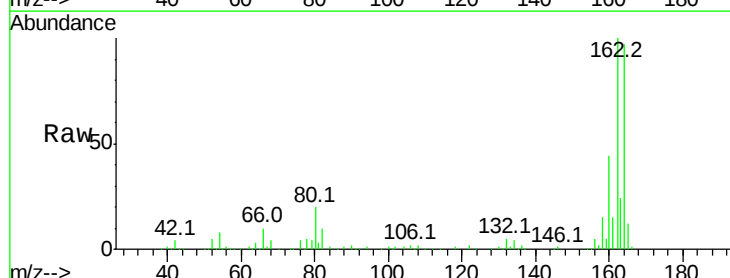
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#



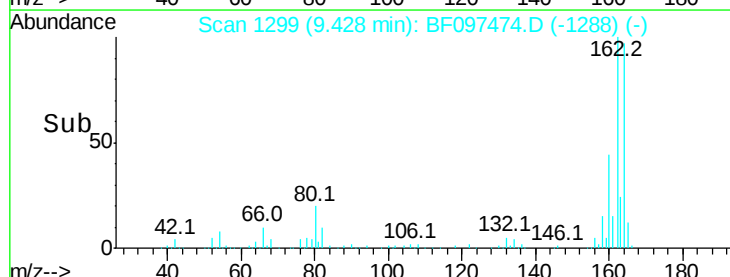
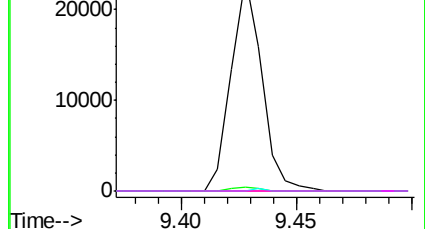
Abundance Ion 165.00 (164.70 to 165.70): E

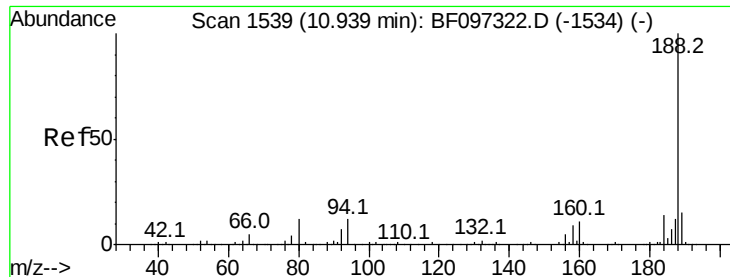
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

BNA_F

ClientSampleId :

72-12000-R4

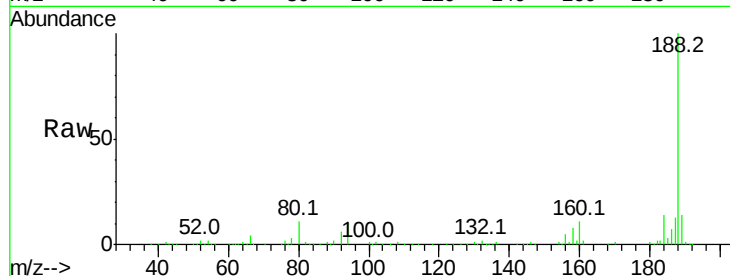
Tot Ion:188 Resp: 278576

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

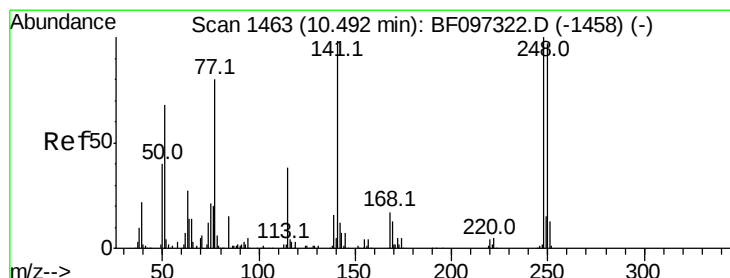
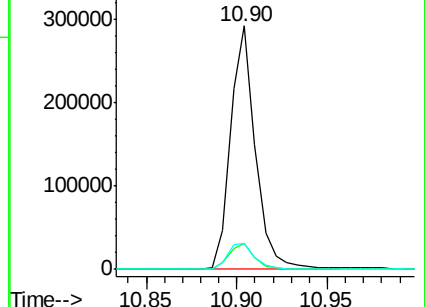
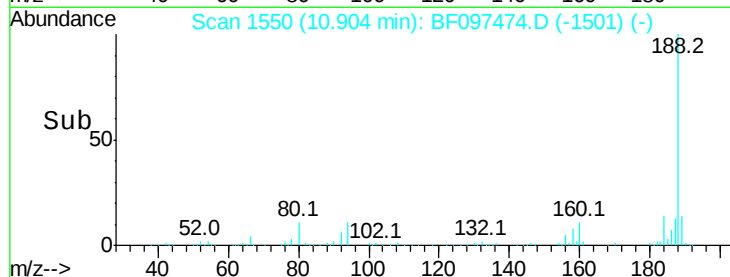
80 10.8 10.2 15.2



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: 4.416 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

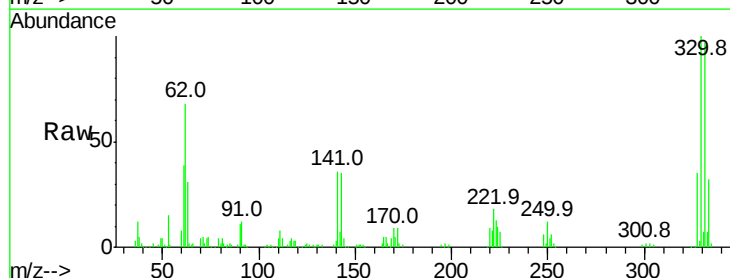
Tgt Ion:248 Resp: 12277

Ion Ratio Lower Upper

248 100

250 197.1 76.8 115.2#

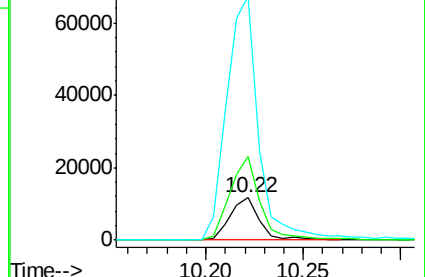
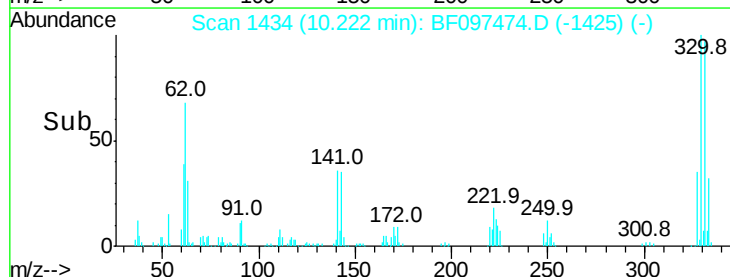
141 576.8 68.6 103.0#

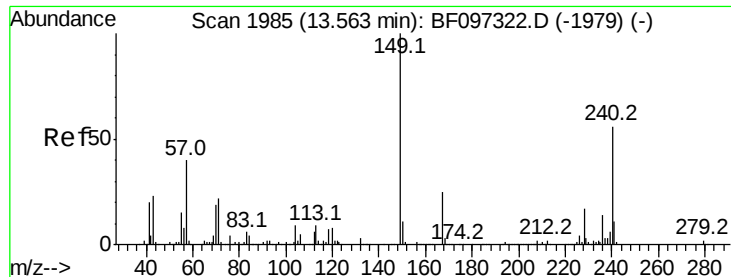


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

BNA_F

ClientSampleId :

72-12000-R4

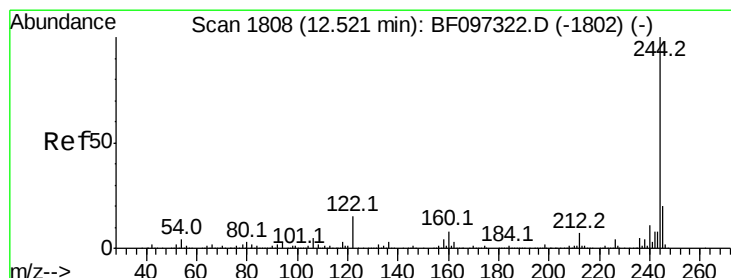
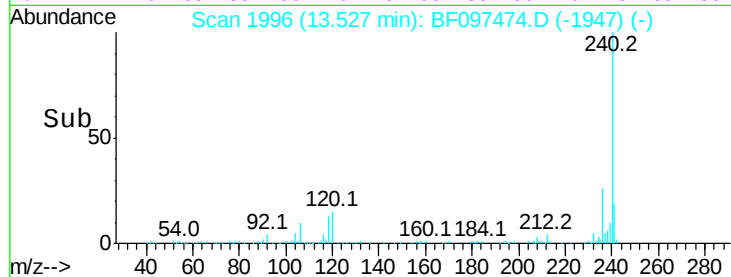
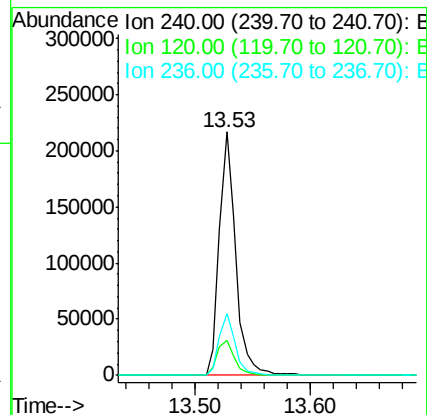
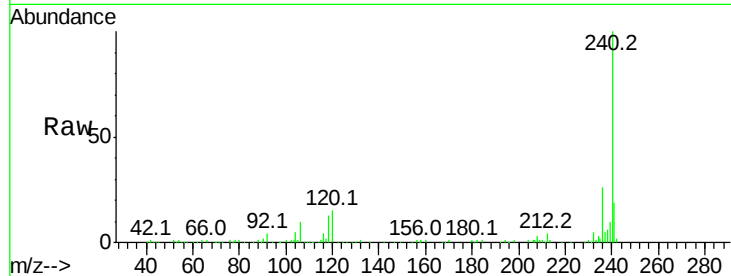
Tot Ion:240 Resp: 214883

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

236 25.6 20.5 30.7



#78

Terphenyl-d14

Concen: 76.239 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

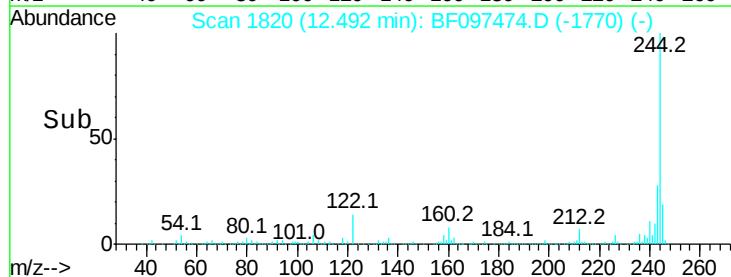
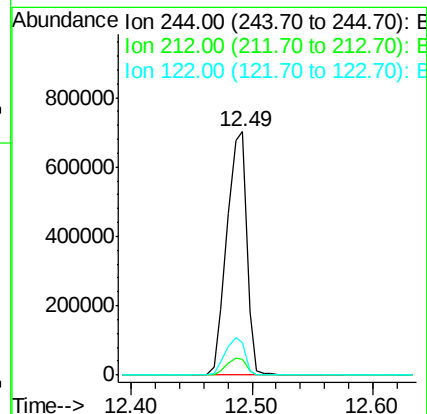
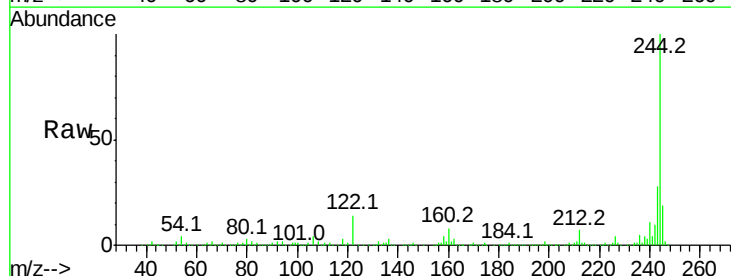
Tgt Ion:244 Resp: 803516

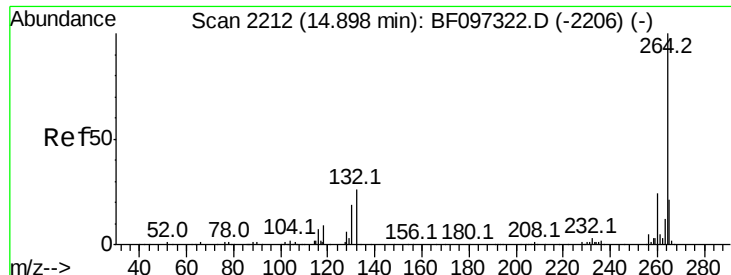
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 13.6 10.3 15.5

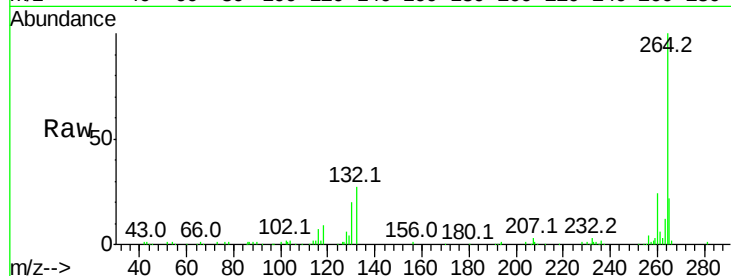




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 72-12000-R4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.7	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

