

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097465.D
 Acq On : 8 Aug 2017 13:16
 Operator : SJ/JU
 Sample : I4611-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 16:56:15 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

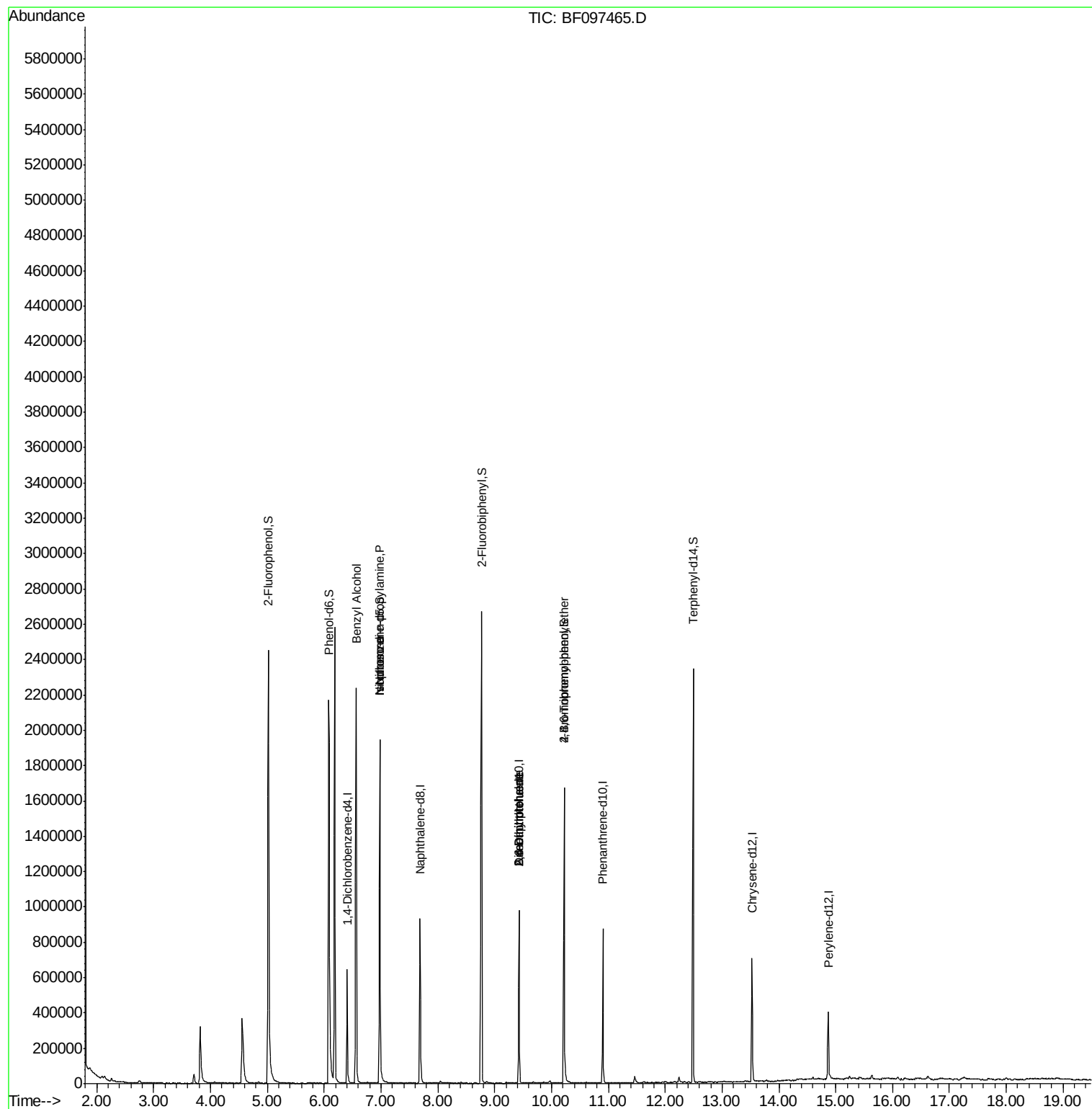
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	93972	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	441434	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	194934	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	303628	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	236029	20.00	ng	-0.01
86) Perylene-d12	14.87	264	159834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	865795	138.89	ng	0.01
7) Phenol-d6	6.08	99	966760	135.85	ng	0.00
23) Nitrobenzene-d5	6.98	82	692149	91.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	217012	140.90	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1013545	88.24	ng	0.00
78) Terphenyl-d14	12.49	244	822654	71.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	10564	2.345	ng	# 29
19) n-Nitroso-di-n-propylamine	6.98	70	94161	20.101	ng	# 88
25) Isophorone	6.98	82	692144	46.968	ng	# 67
49) Dimethylphthalate	9.43	163	57790	3.904	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	24261	7.727	ng	# 32
56) 2,4-Dinitrotoluene	9.43	165	24261	6.722	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	13964	4.608	ng	# 1

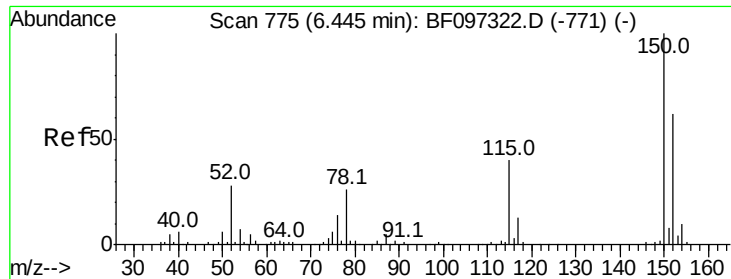
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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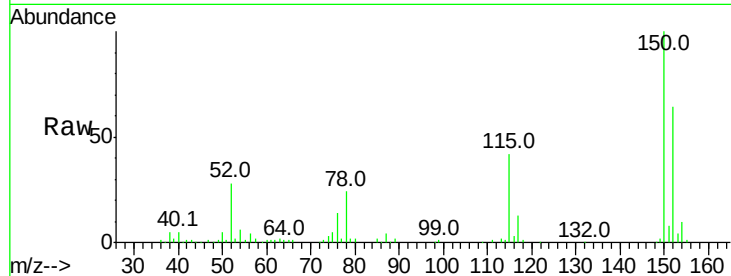


#1

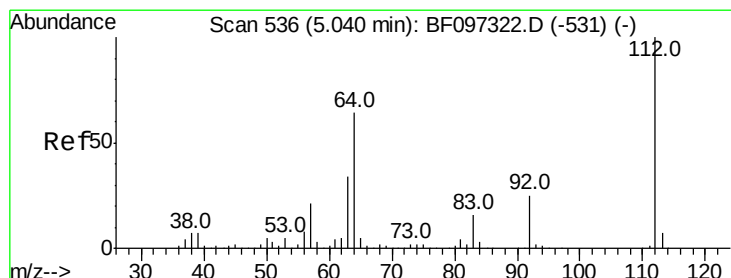
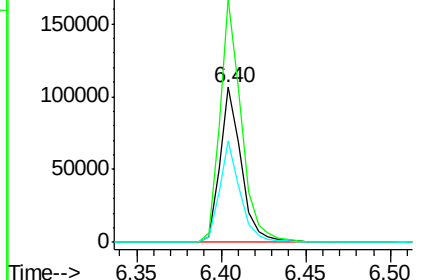
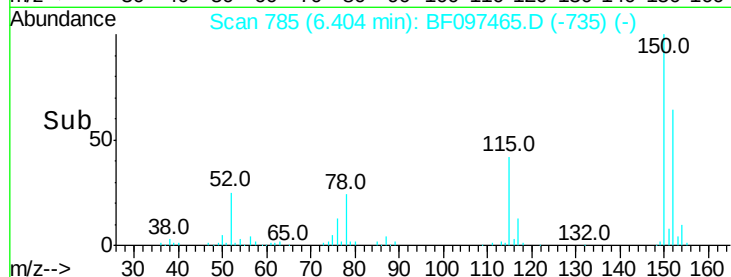
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93972
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 65.6 52.2 78.2



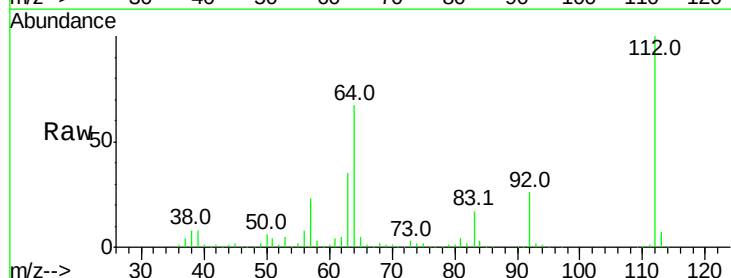
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



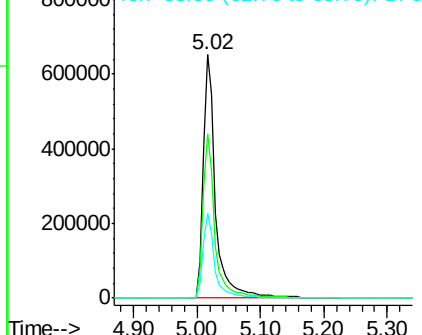
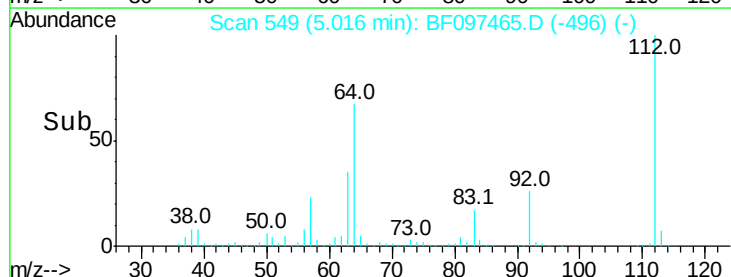
#5

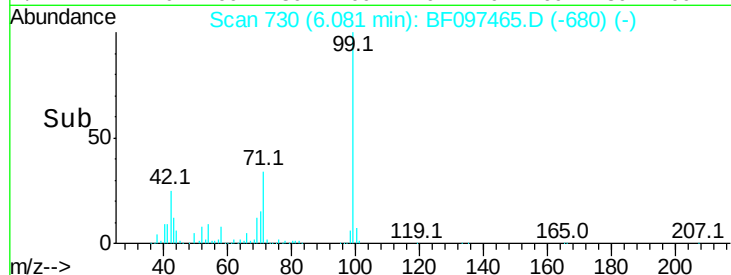
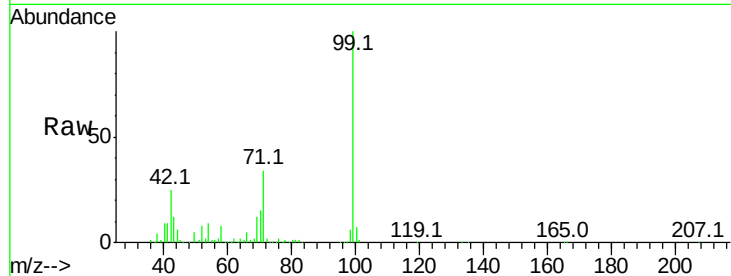
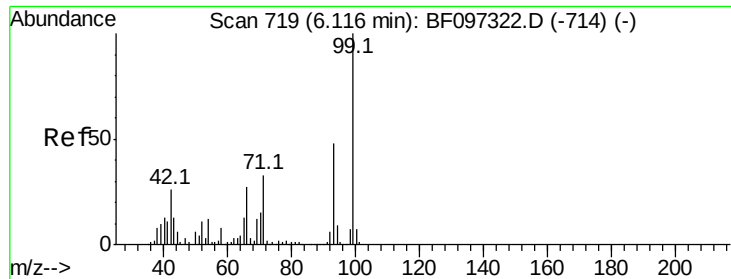
2-Fluorophenol
Concen: 138.890 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Tgt Ion:112 Resp: 865795
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 35.1 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: 135.848 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampleId :

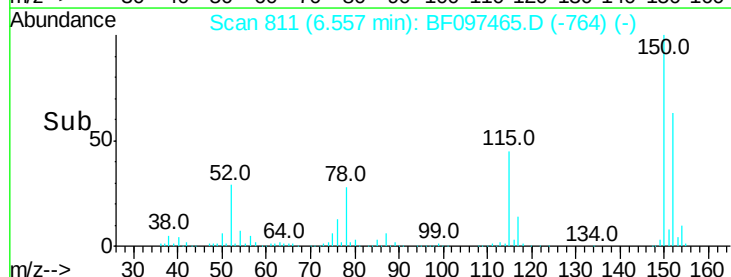
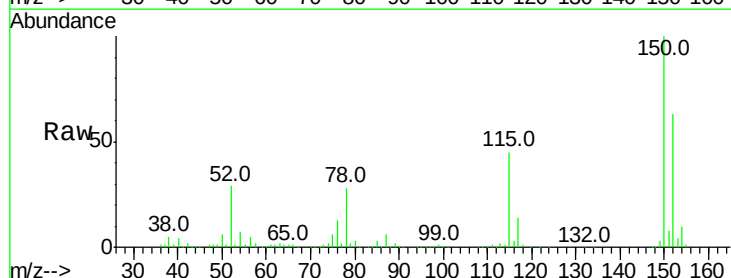
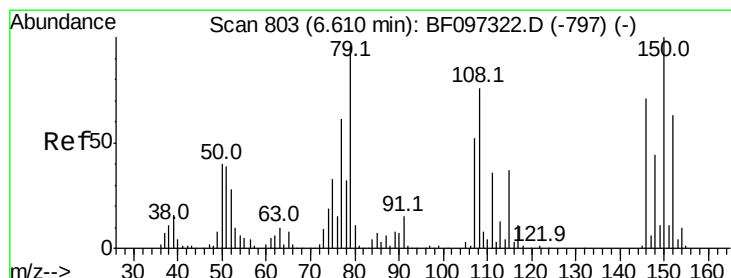
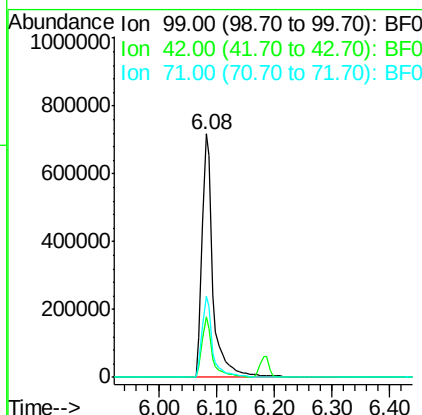
Tot Ion: 99 Resp: 966760

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

71 33.5 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.345 ng

RT: 6.56 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

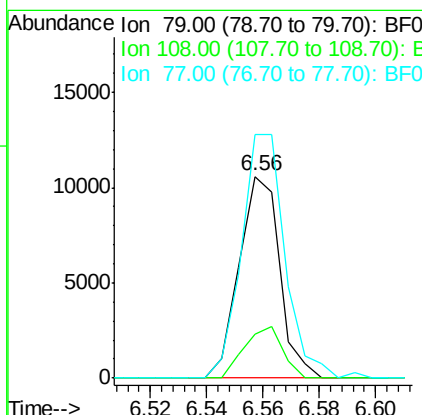
Tgt Ion: 79 Resp: 10564

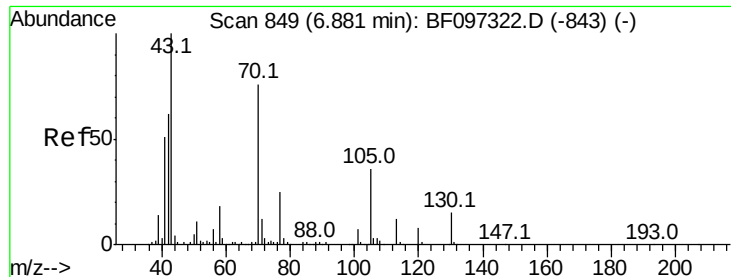
Ion Ratio Lower Upper

79 100

108 21.6 63.4 95.0#

77 120.6 49.2 73.8#

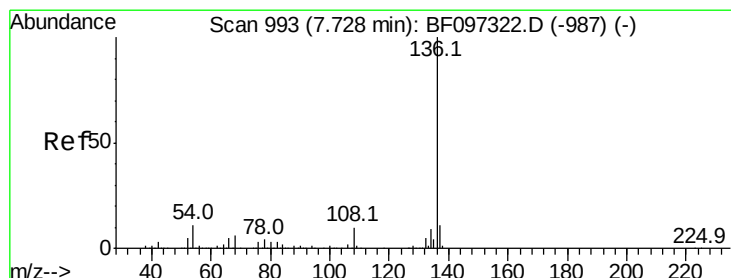
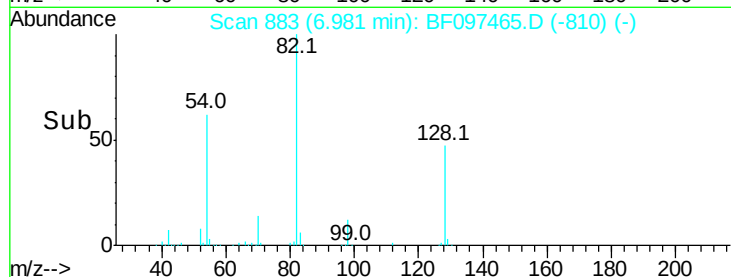
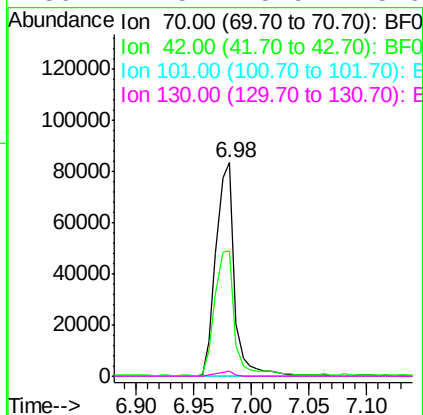
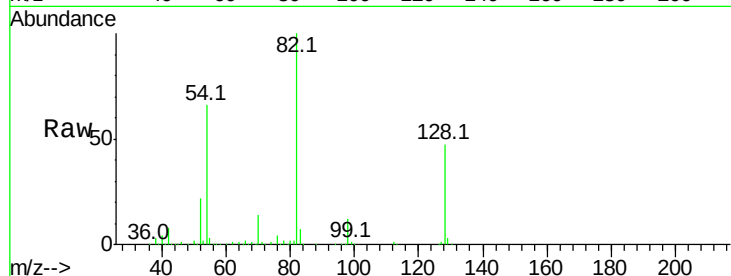




#19
n-Nitroso-di-n-propylamine
Concen: 20.101 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

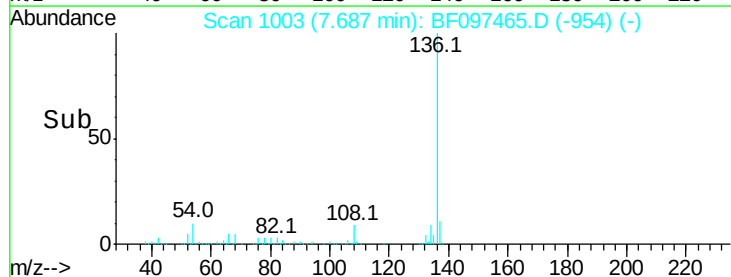
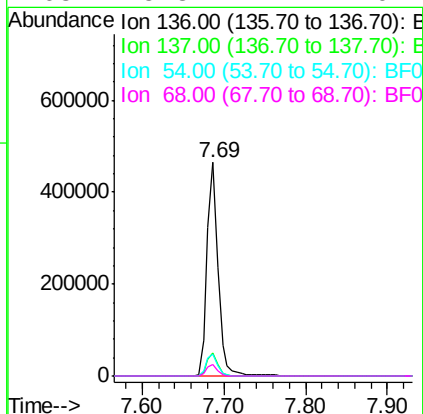
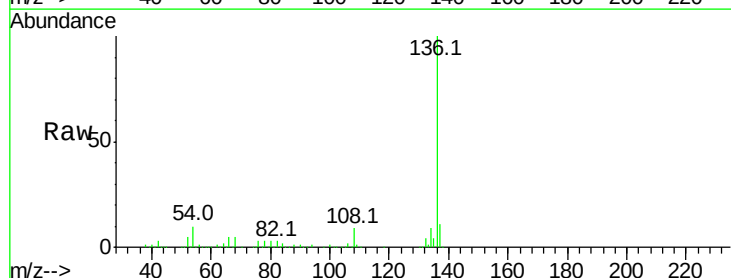
Instrument :
BNA_F
ClientSampleId :

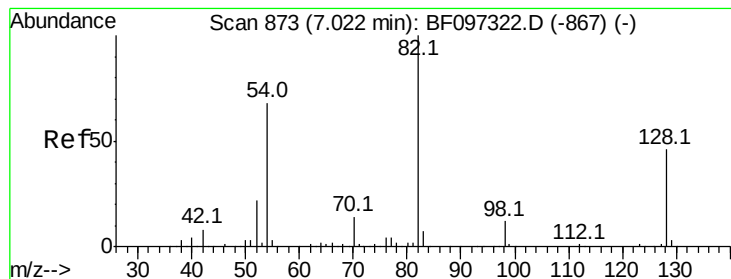
Tot Ion: 70 Resp: 94161
Ion Ratio Lower Upper
70 100
42 58.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Tgt Ion: 136 Resp: 441434
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.4 4.9 7.3#
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.983 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampleId :

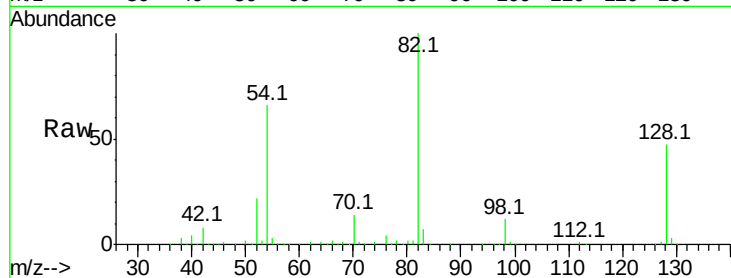
Tot Ion: 82 Resp: 692149

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

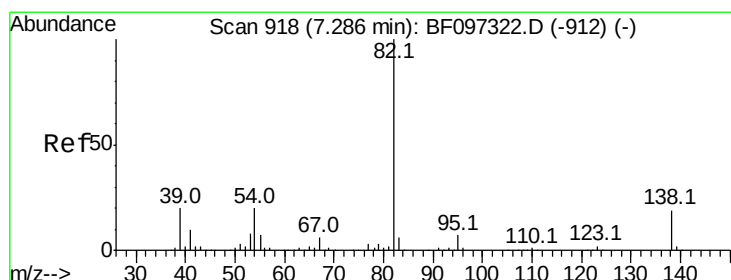
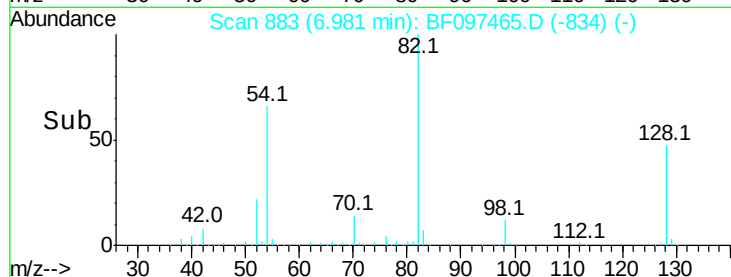
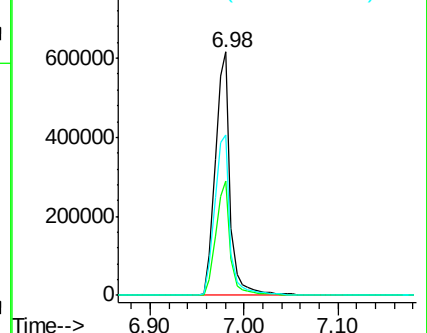
54 65.8 42.2 63.2#



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: 46.968 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

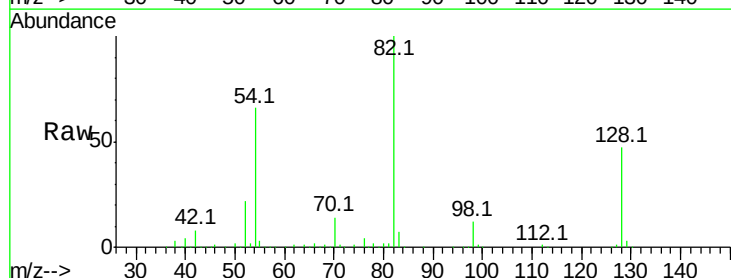
Tgt Ion: 82 Resp: 692144

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

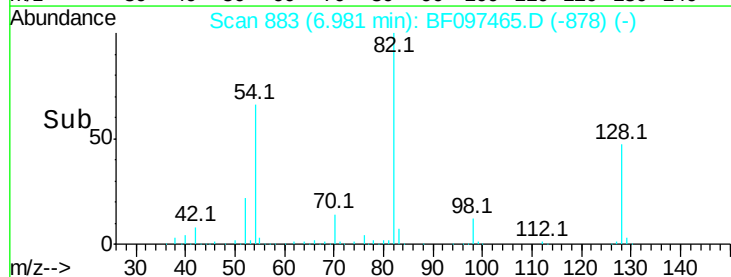
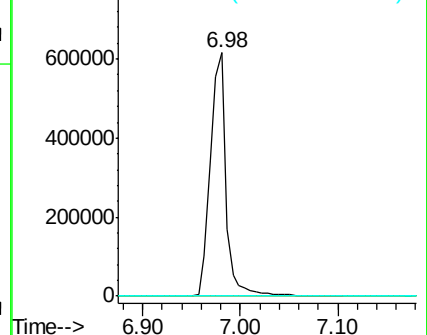
138 0.0 13.1 19.7#

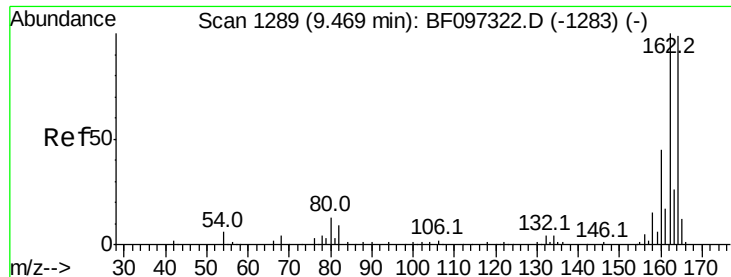


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

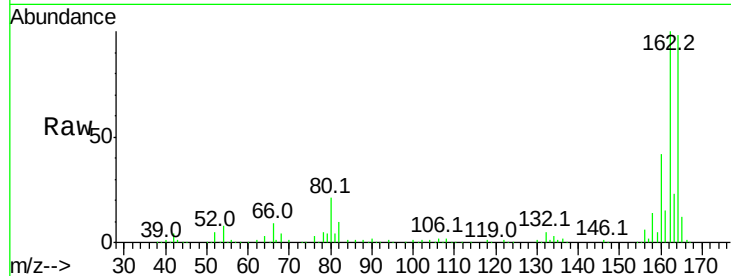




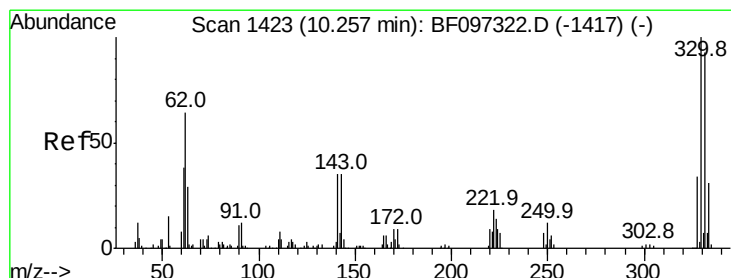
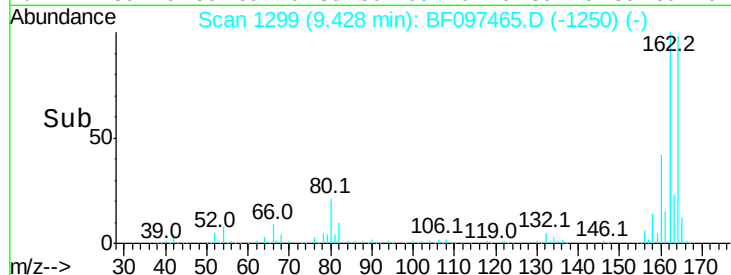
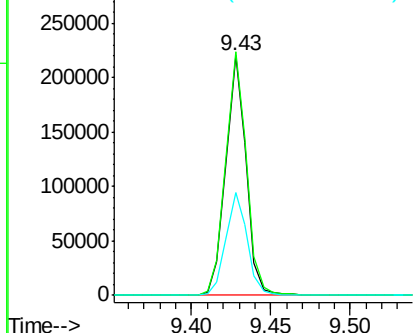
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097465.D
 Acq: 8 Aug 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	43.2	36.2	54.2

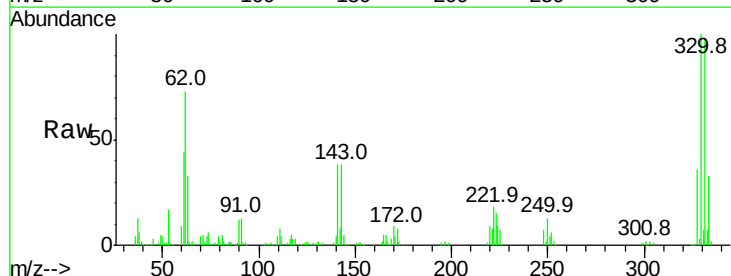


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

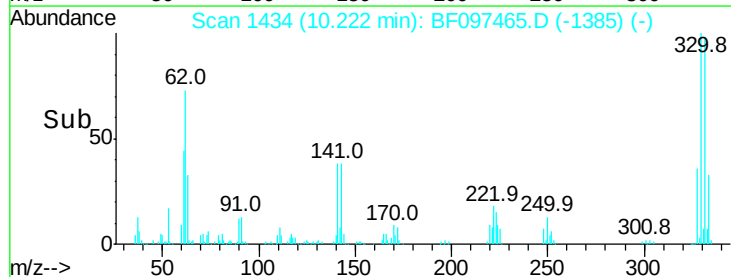
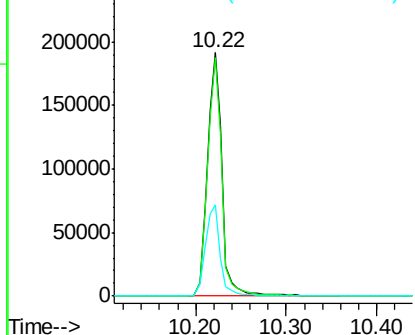


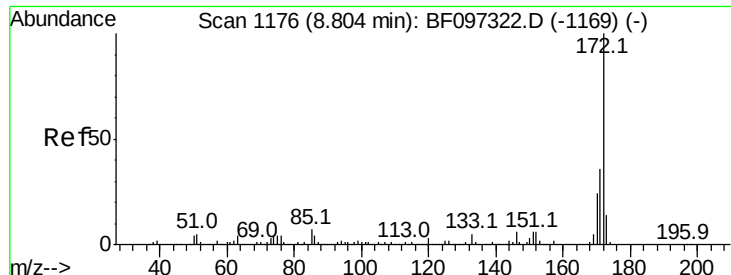
#41
 2,4,6-Tribromophenol
 Concen: 140.902 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097465.D
 Acq: 8 Aug 2017 13:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.3	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: 88.239 ng

RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampled :

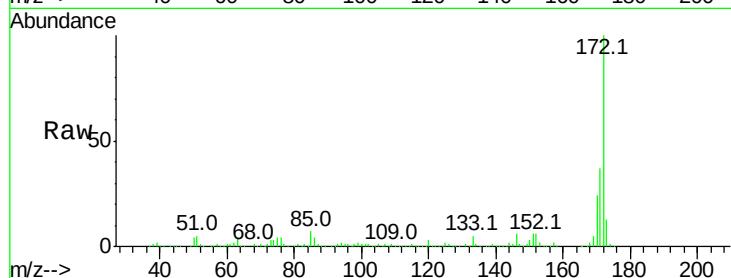
Tot Ion:172 Resp: 1013545

Ion Ratio Lower Upper

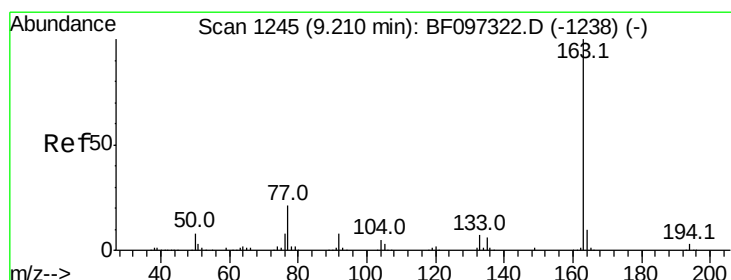
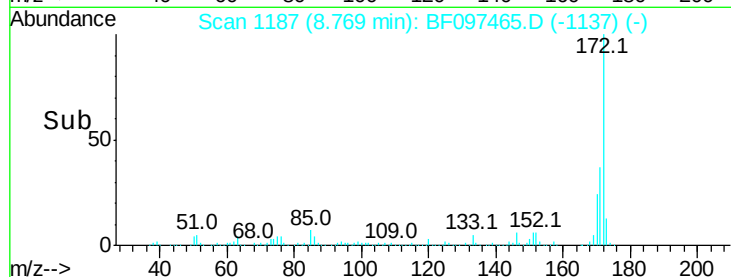
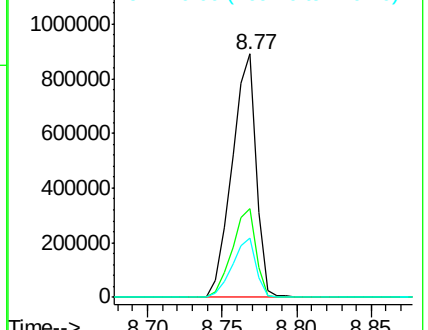
172 100

171 36.6 29.6 44.4

170 24.3 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: 3.904 ng

RT: 9.43 min Scan# 1300

Delta R.T. 0.25 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

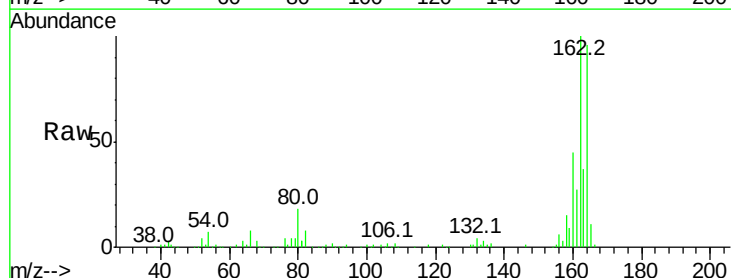
Tgt Ion:163 Resp: 57790

Ion Ratio Lower Upper

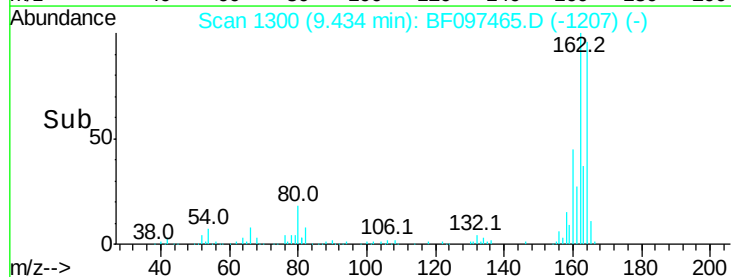
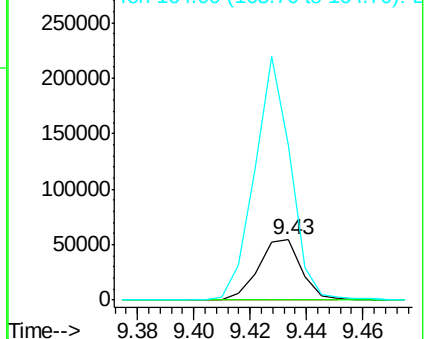
163 100

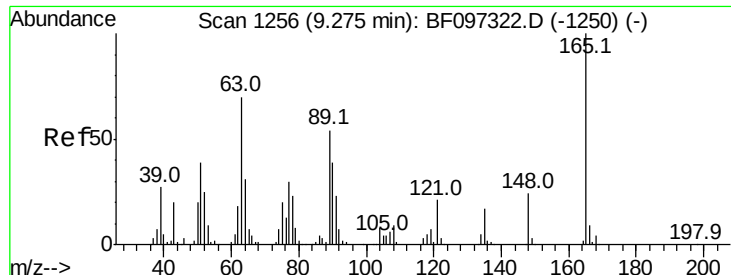
194 0.0 2.6 4.0#

164 257.0 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

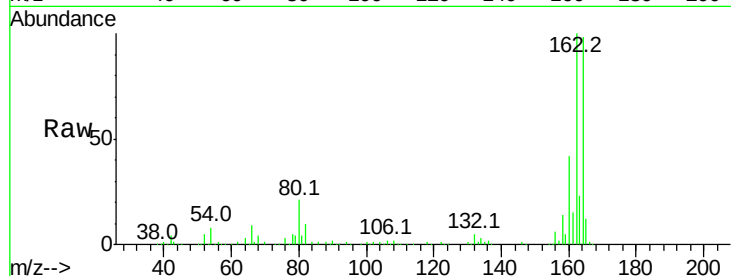




#50
 2,6-Dinitrotoluene
 Concen: 7.727 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097465.D
 Acq: 8 Aug 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

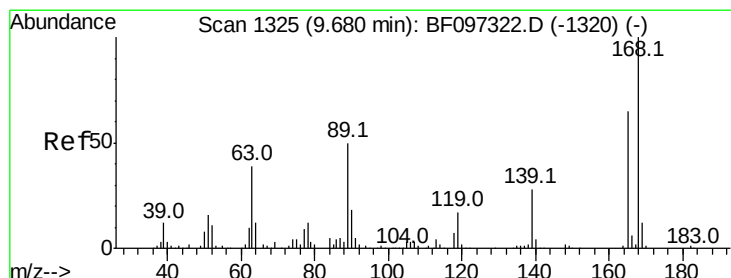
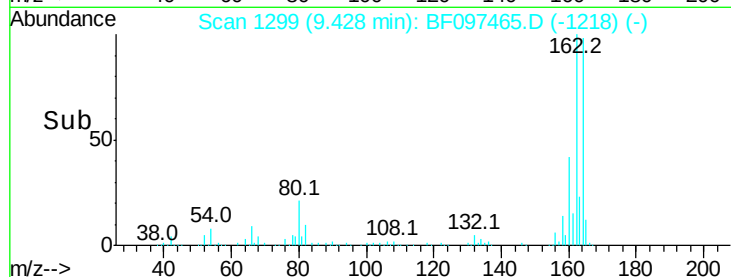
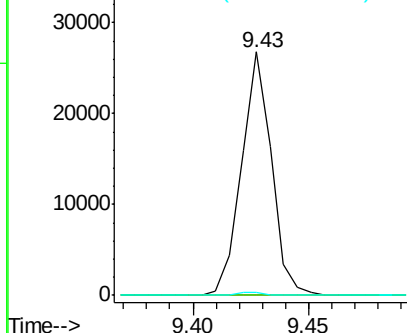
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.3	37.1	55.7#



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: 6.722 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097465.D
 Acq: 8 Aug 2017 13:16

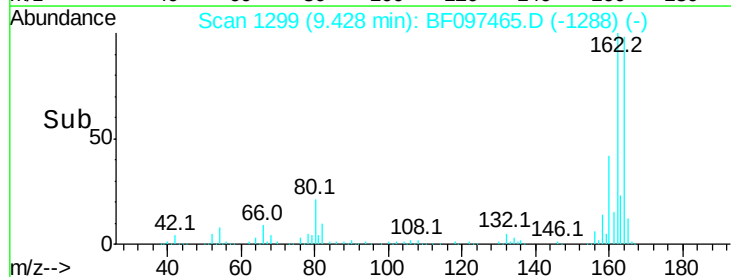
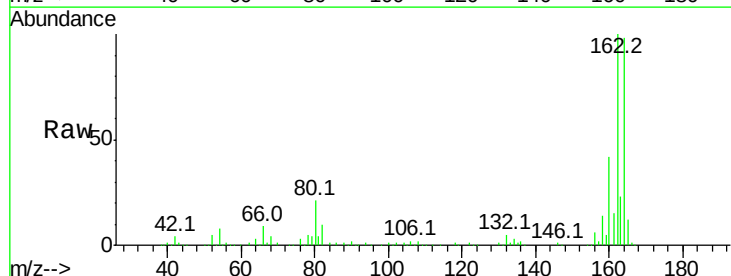
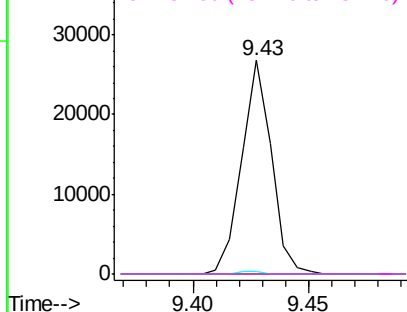
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

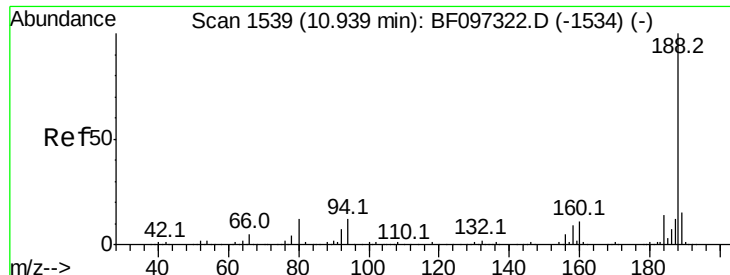
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampled :

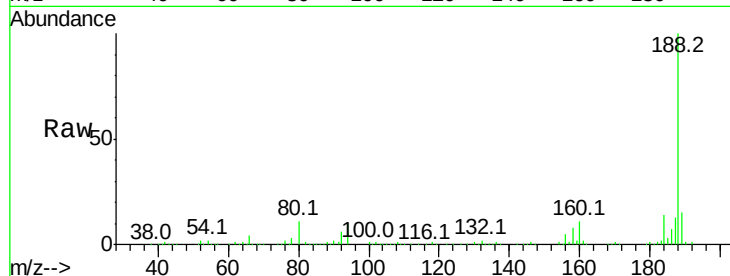
Tot Ion:188 Resp: 303628

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

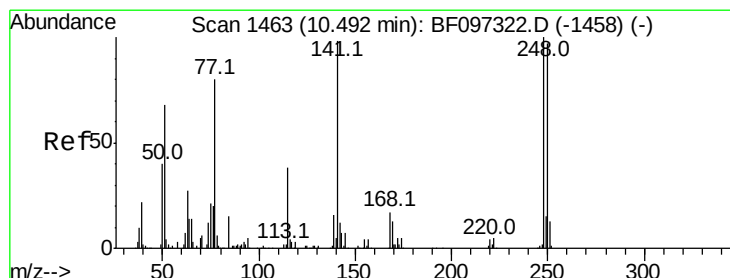
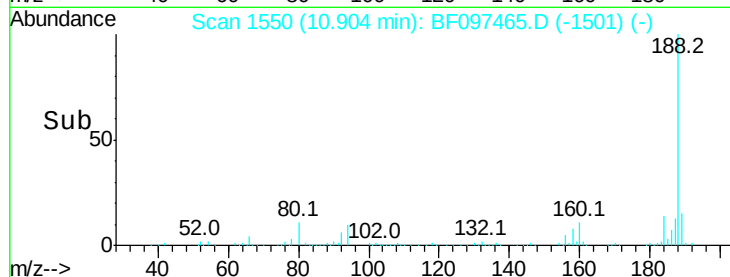
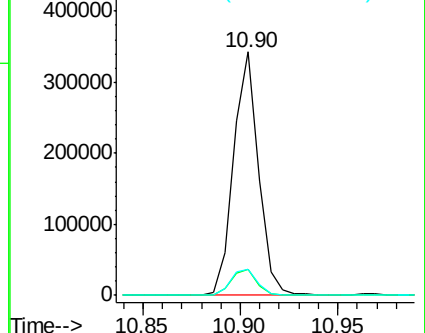
80 10.8 10.2 15.2



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: 4.608 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

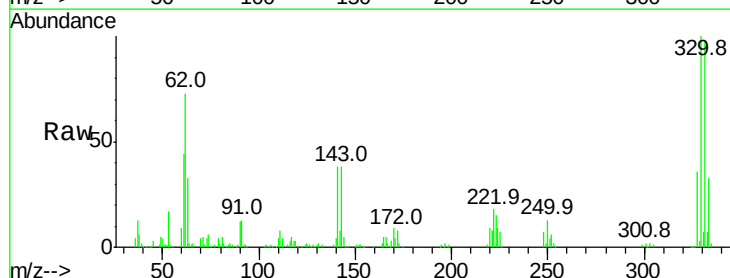
Tgt Ion:248 Resp: 13964

Ion Ratio Lower Upper

248 100

250 189.3 76.8 115.2#

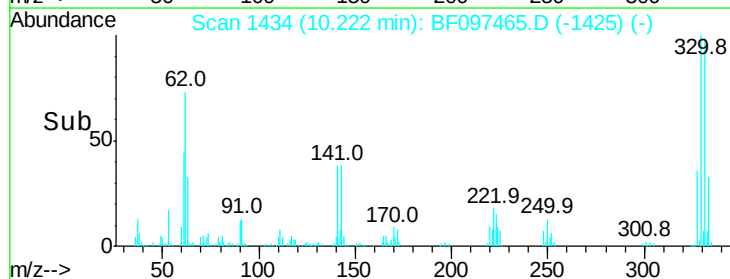
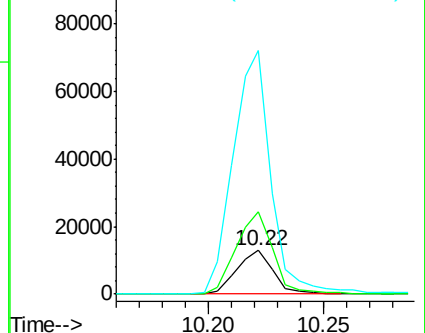
141 561.1 68.6 103.0#

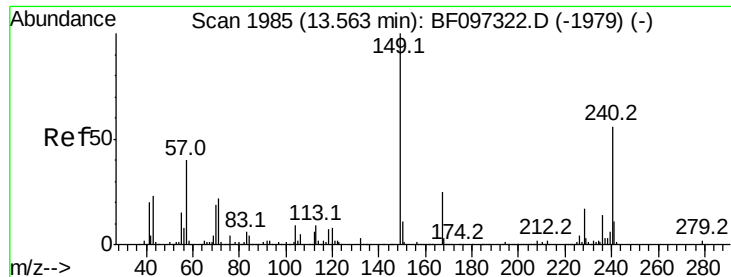


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF097465.D

Acq: 8 Aug 2017 13:16

Instrument :

BNA_F

ClientSampleId :

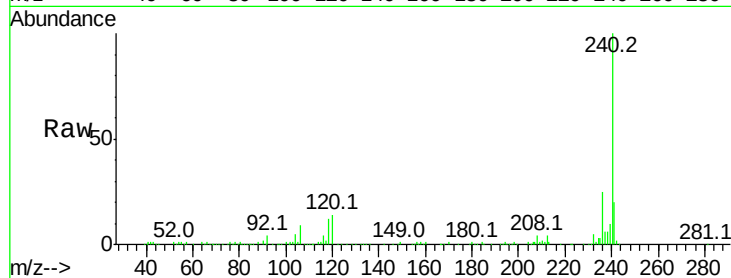
Tot Ion:240 Resp: 236029

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

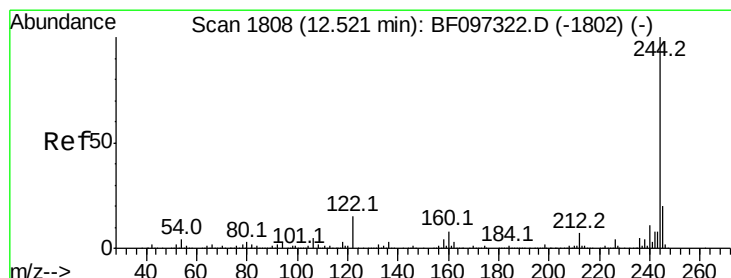
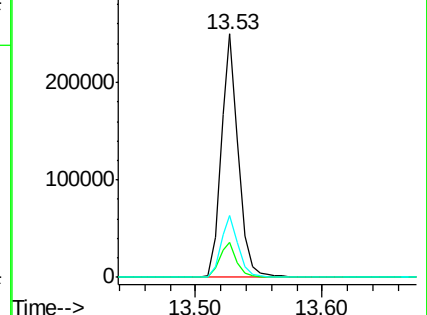
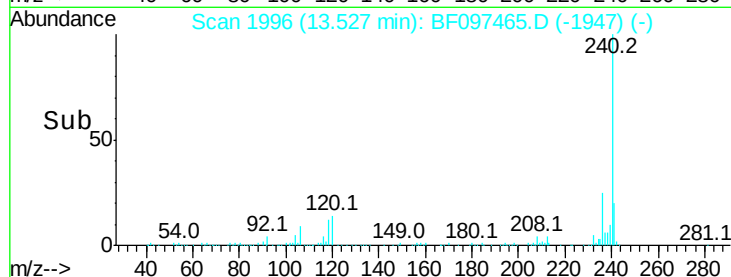
236 25.2 20.5 30.7



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: 71.062 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097465.D

Acq: 8 Aug 2017 13:16

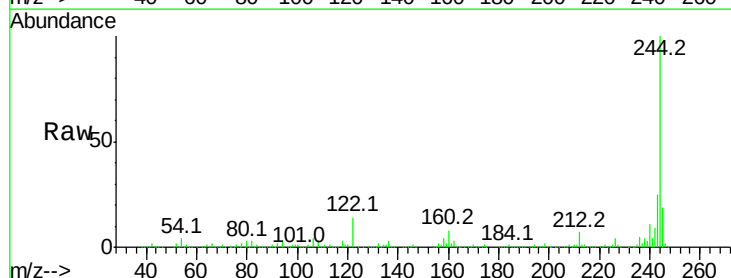
Tgt Ion:244 Resp: 822654

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

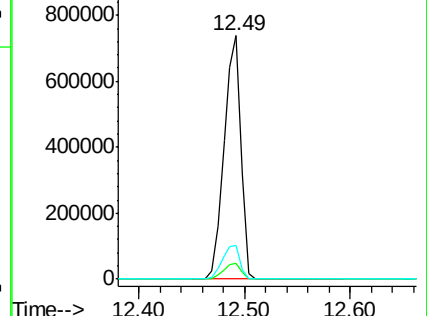
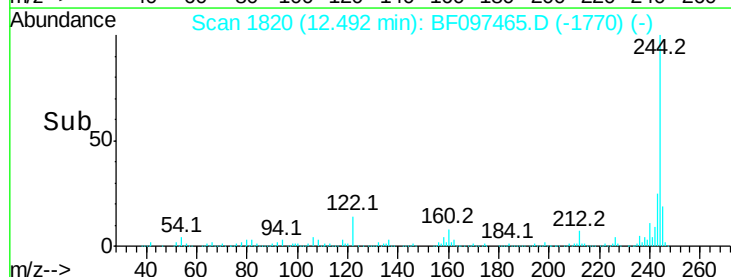
122 13.8 10.3 15.5

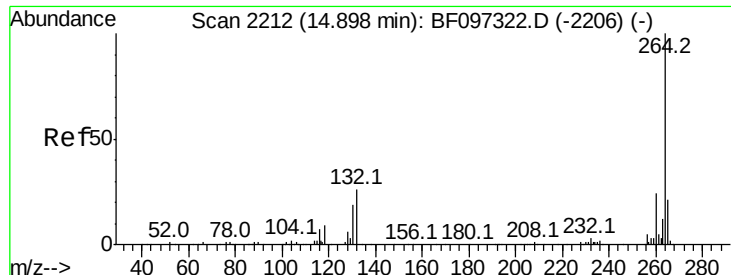


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

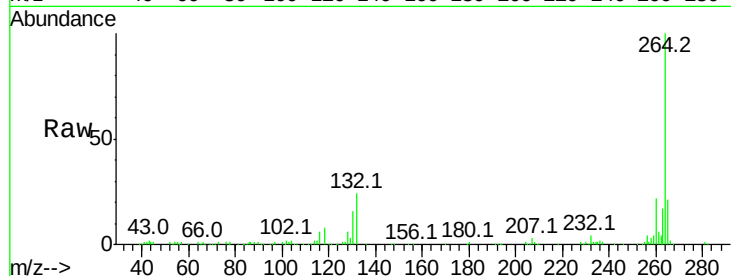




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097465.D
Acq: 8 Aug 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	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

