

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097526.D
 Acq On : 9 Aug 2017 20:11
 Operator : SJ/JU
 Sample : I4681-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Aug 10 01:06:30 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

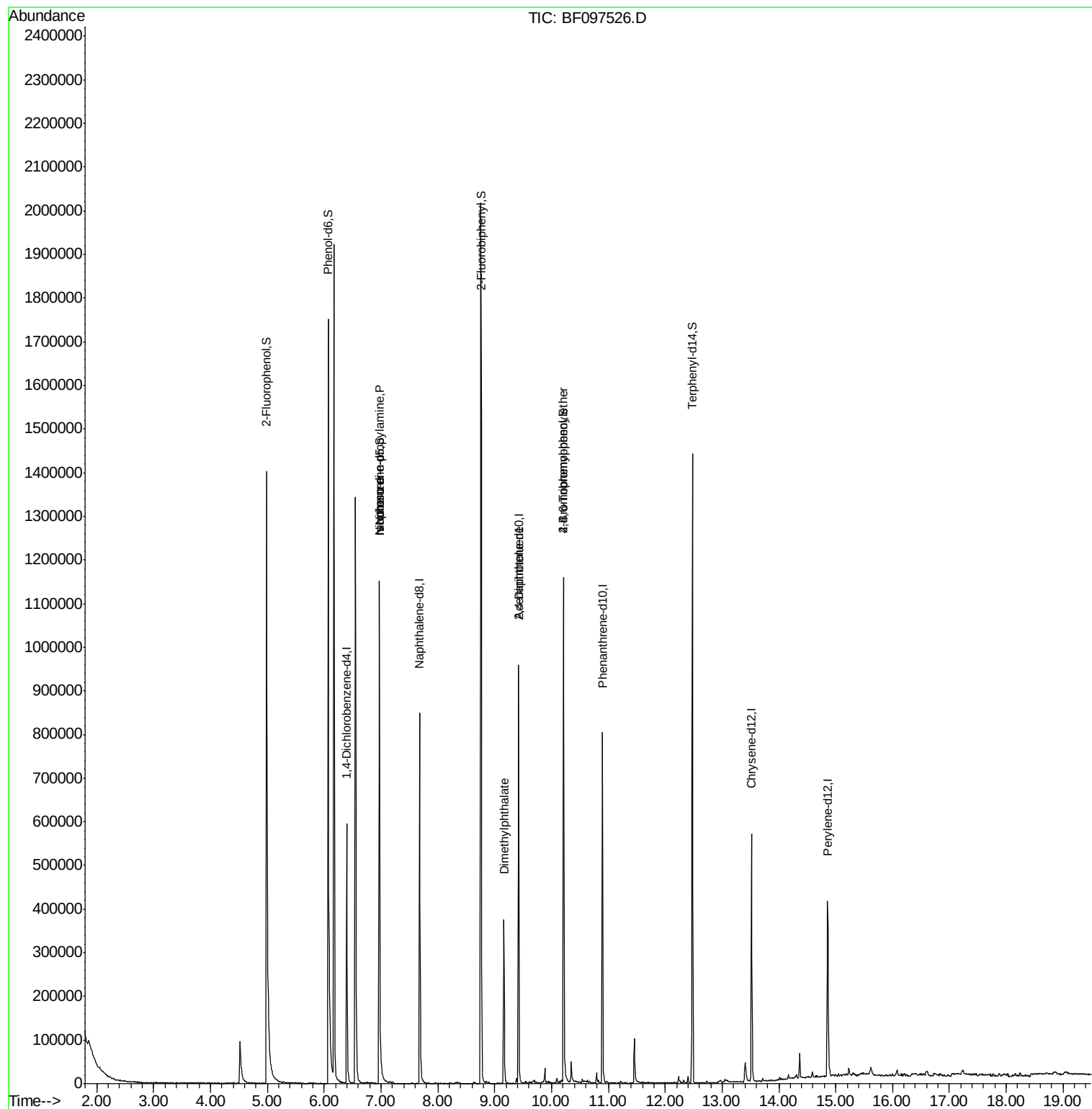
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	101833	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	407331	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	176185	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	294027	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	195507	20.00	ng	-0.02
86) Perylene-d12	14.86	264	166055	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	564900	83.63	ng	-0.02
7) Phenol-d6	6.07	99	691685	89.69	ng	-0.02
23) Nitrobenzene-d5	6.97	82	368648	53.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	130502	93.75	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	645417	62.17	ng	-0.02
78) Terphenyl-d14	12.48	244	461590	48.14	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	48238	9.50	ng	# 83
25) Isophorone	6.97	82	368646	27.11	ng	# 67
49) Dimethylphthalate	9.16	163	150115	11.22	ng	99
56) 2,4-Dinitrotoluene	9.42	165	21583	6.62	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	8556	2.92	ng	# 1

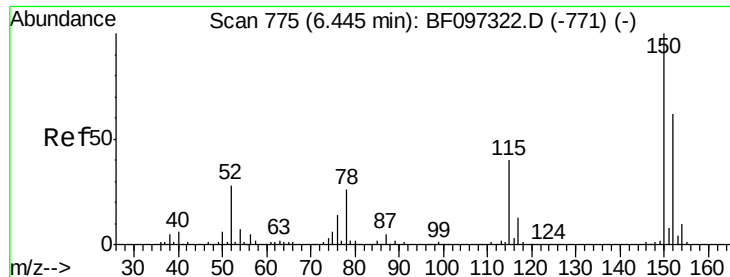
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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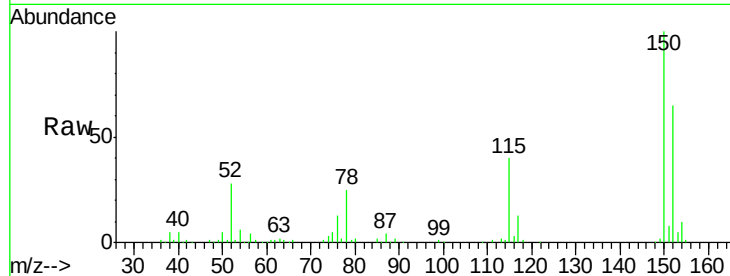


#1

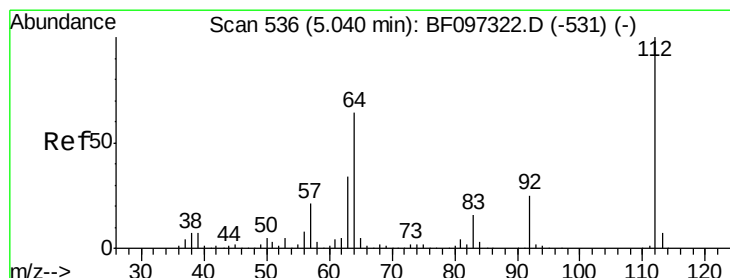
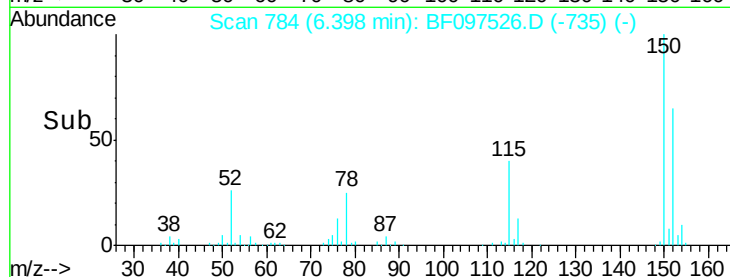
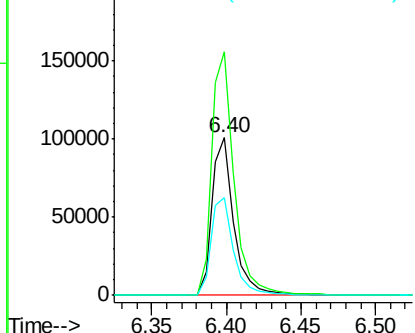
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion:152 Resp: 101833
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 61.9 52.2 78.2



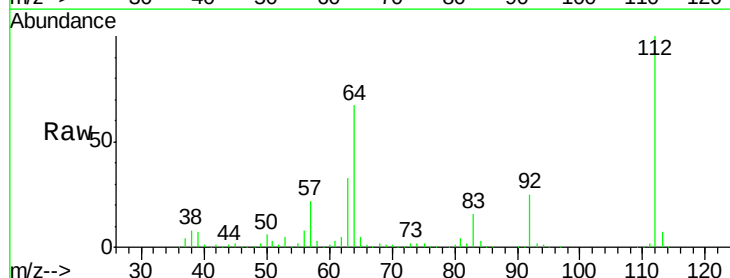
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



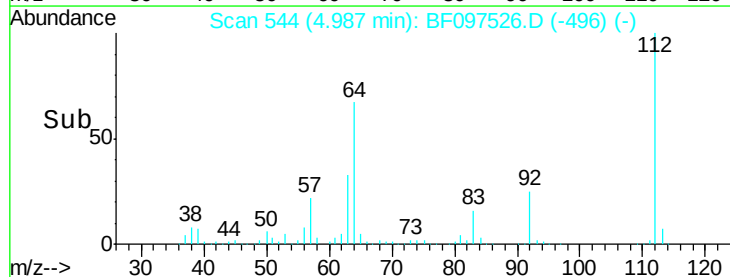
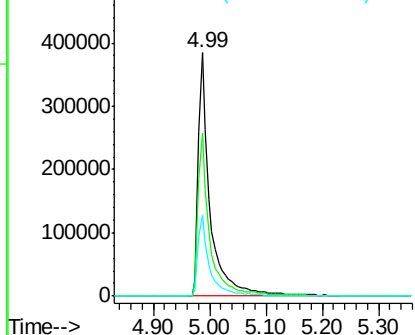
#5

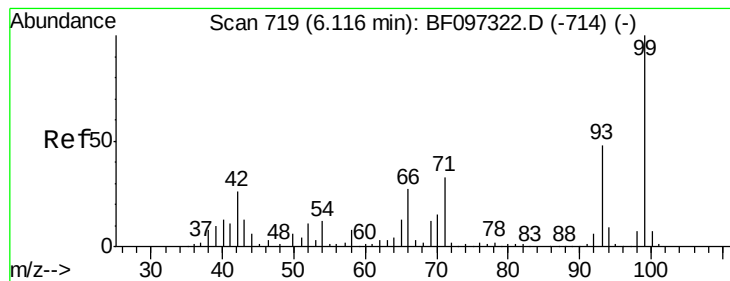
2-Fluorophenol
Concen: 83.63 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

Tgt Ion:112 Resp: 564900
Ion Ratio Lower Upper
112 100
64 67.1 46.0 69.0
63 33.5 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: 89.69 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

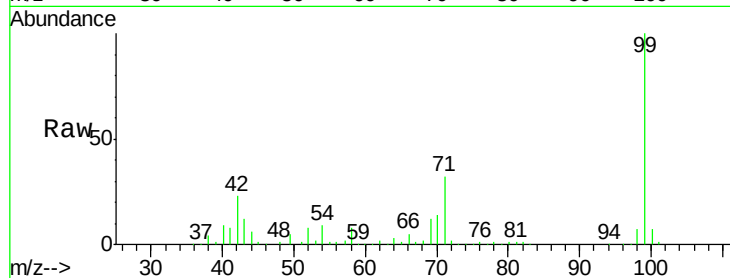
Tot Ion: 99 Resp: 691685

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

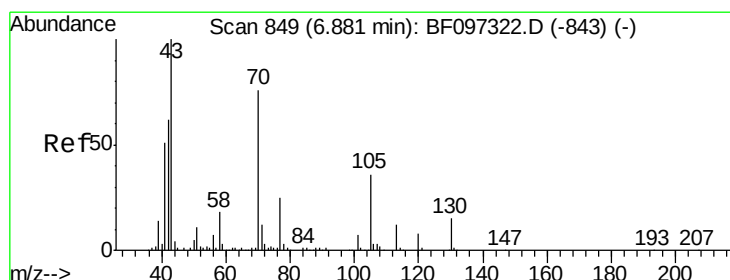
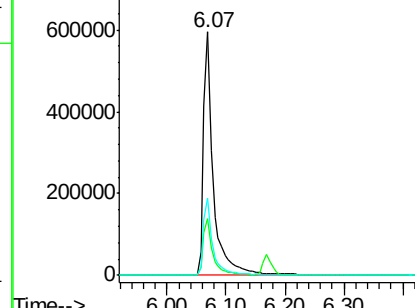
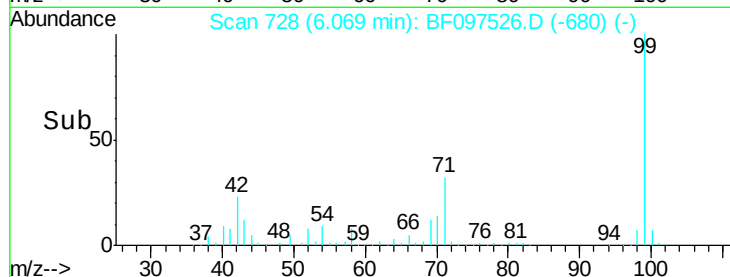
71 31.8 24.5 36.7



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: 9.50 ng

RT: 6.97 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

Tgt Ion: 70 Resp: 48238

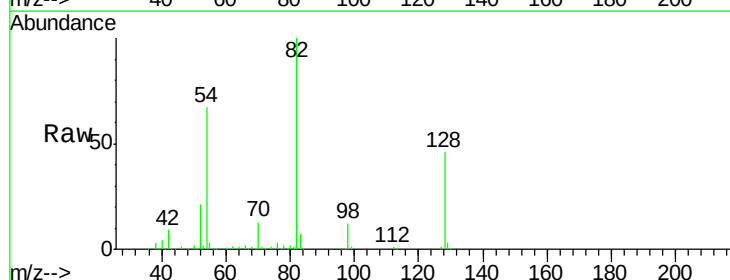
Ion Ratio Lower Upper

70 100

42 64.9 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

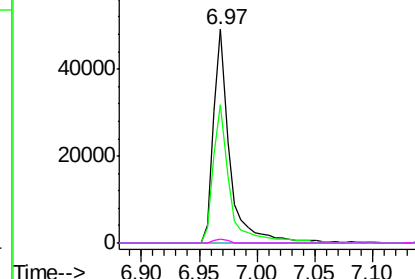
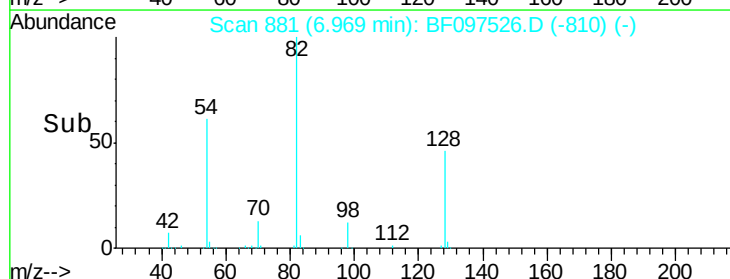


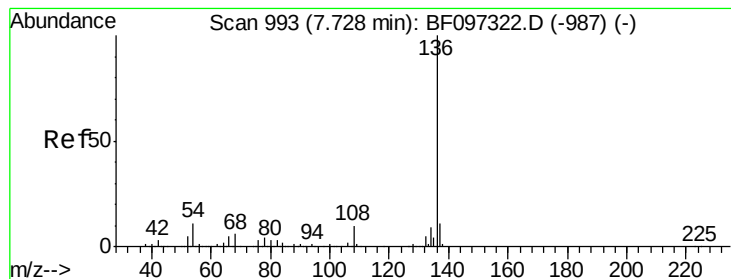
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

Tot Ion:136 Resp: 407331

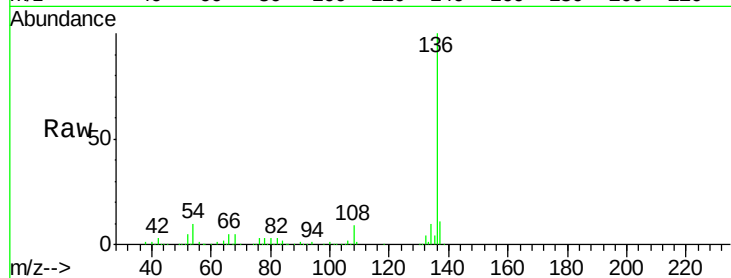
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.3 4.9 7.3#

68 4.9 4.1 6.1

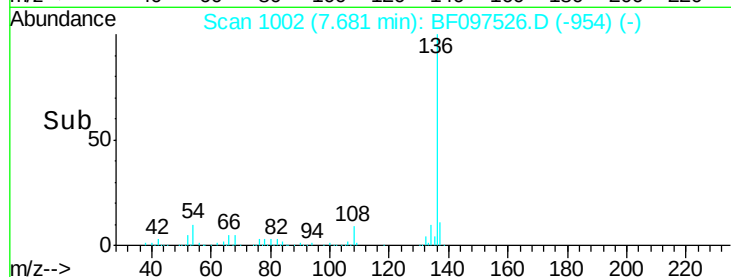


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance

600000

400000

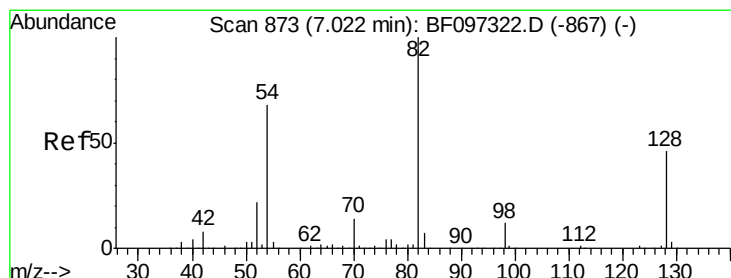
300000

200000

100000

0

Time-->



#23

Nitrobenzene-d5

Concen: 53.09 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

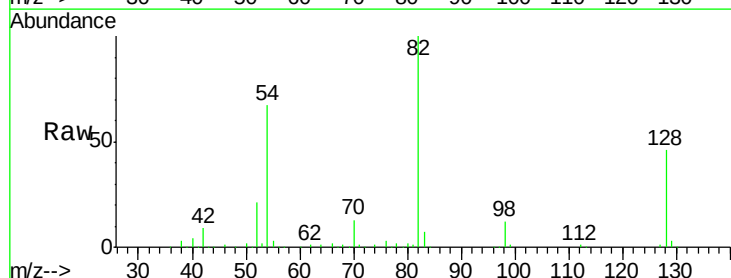
Tgt Ion: 82 Resp: 368648

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

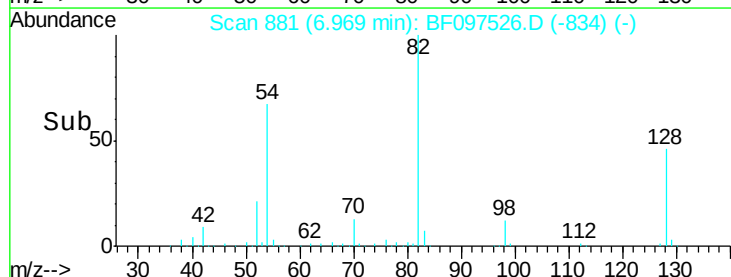
54 67.2 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Abundance

500000

400000

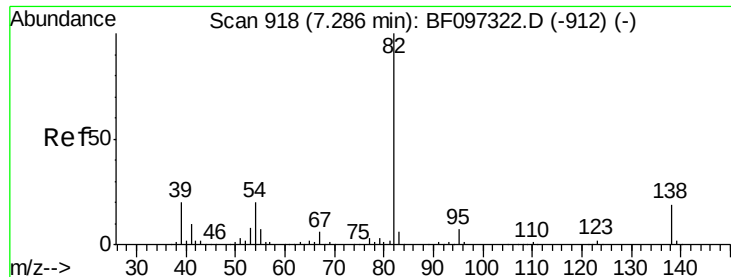
300000

200000

100000

0

Time-->



#25

Isophorone

Concen: 27.11 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

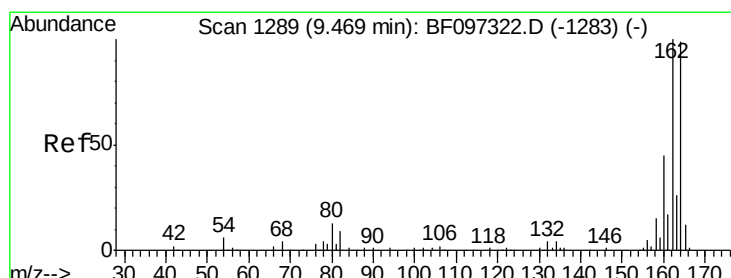
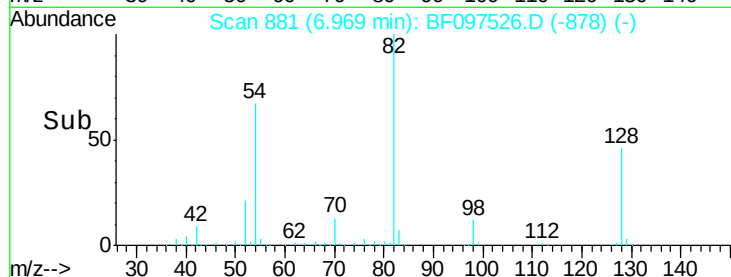
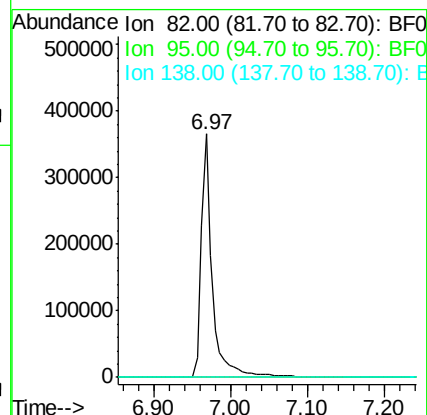
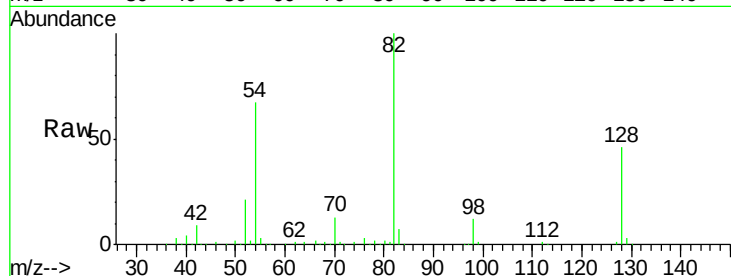
Tot Ion: 82 Resp: 368646

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: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

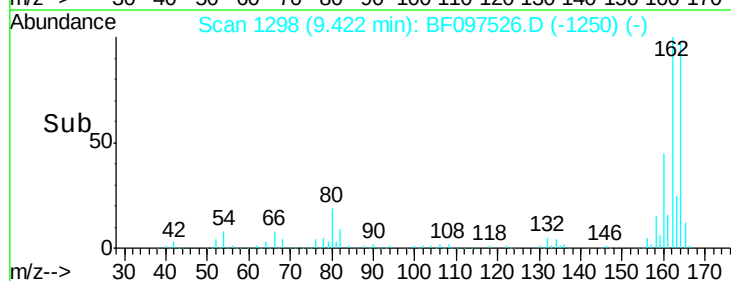
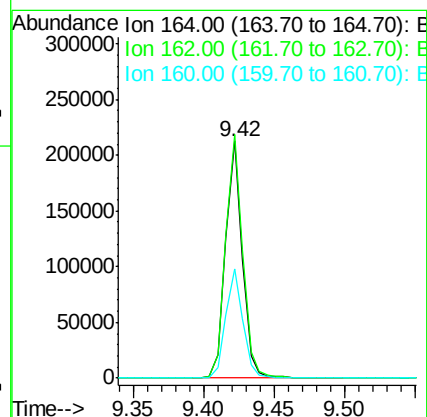
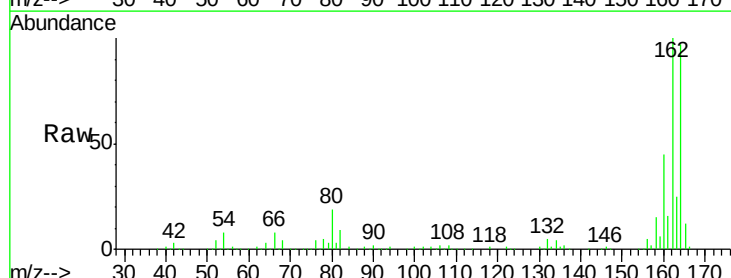
Tgt Ion:164 Resp: 176185

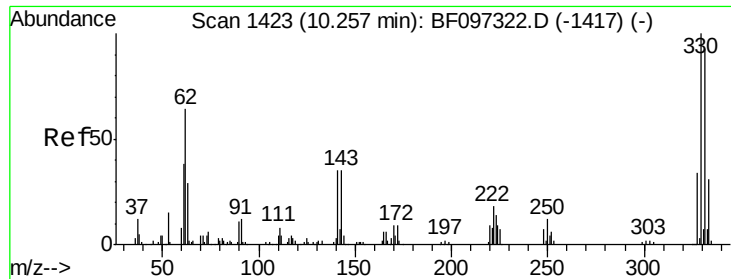
Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 46.2 36.2 54.2

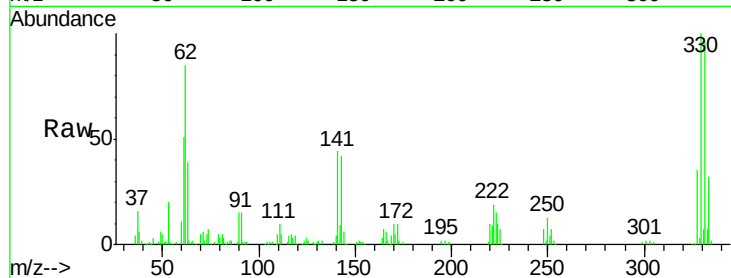




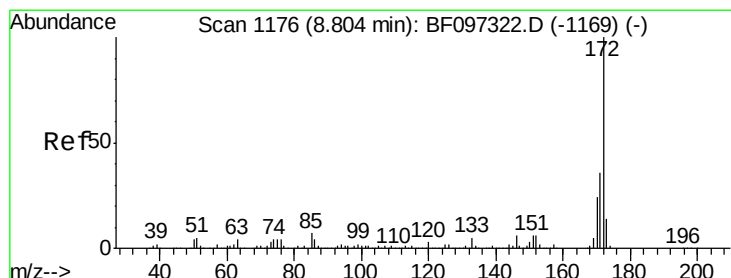
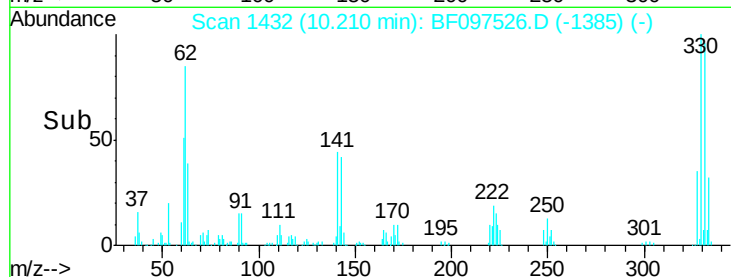
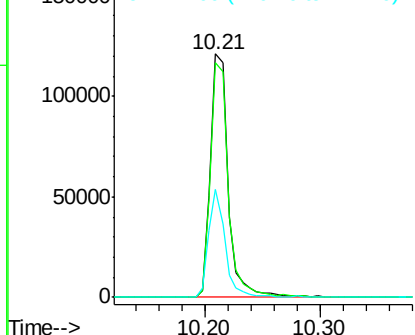
#41
 2,4,6-Tribromophenol
 Concen: 93.75 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097526.D
 Acq: 9 Aug 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tot Ion:330 Resp: 130502
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 41.0 31.4 47.2

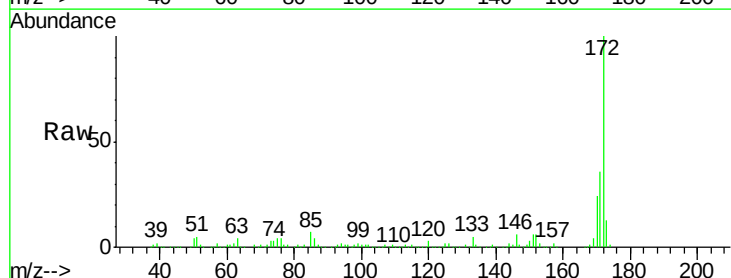


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

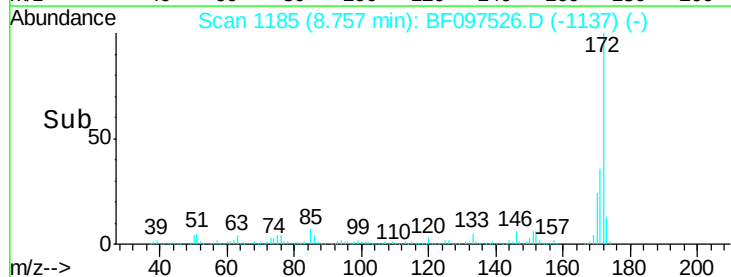
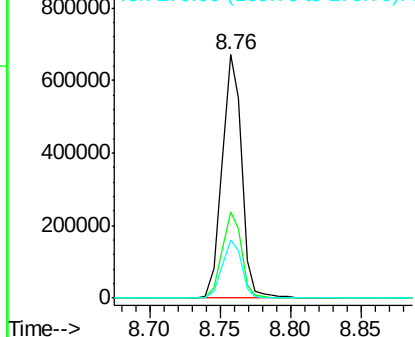


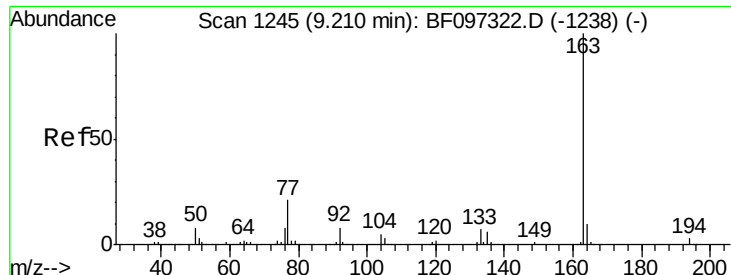
#44
 2-Fluorobiphenyl
 Concen: 62.17 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097526.D
 Acq: 9 Aug 2017 20:11

Tgt Ion:172 Resp: 645417
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 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

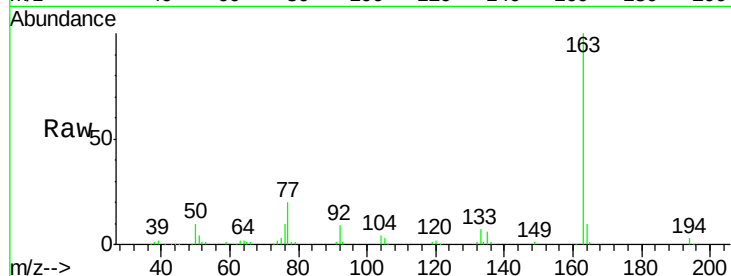




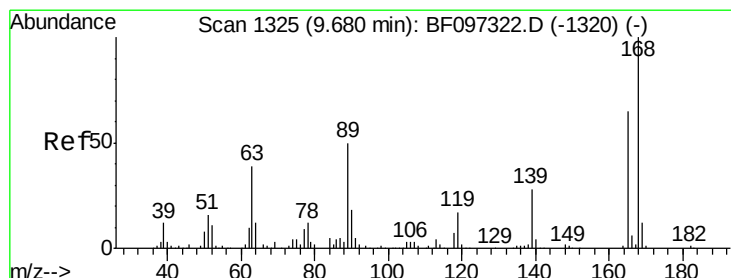
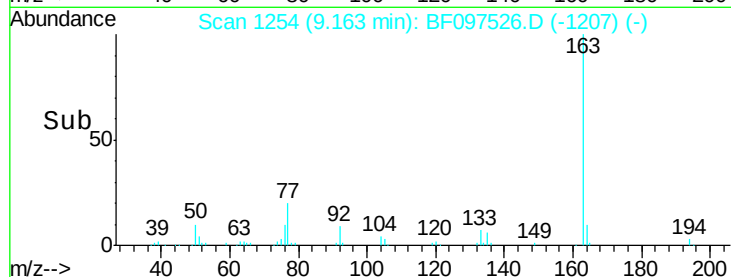
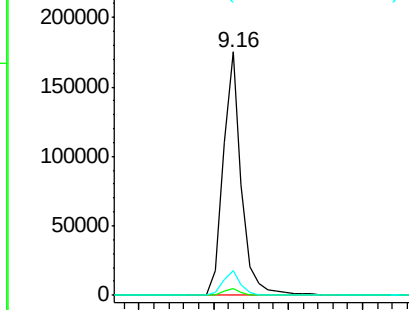
#49
Dimethylphthalate
Concen: 11.22 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.9	8.4	12.6



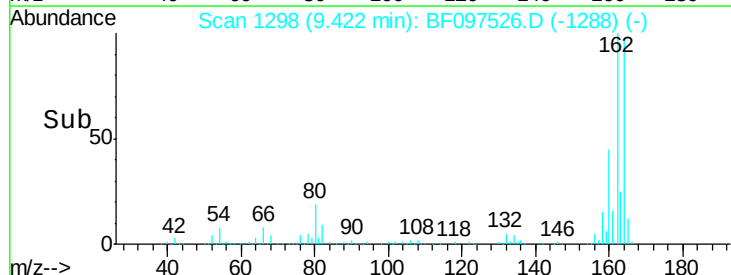
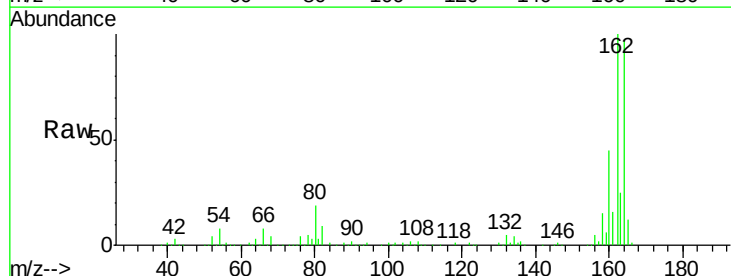
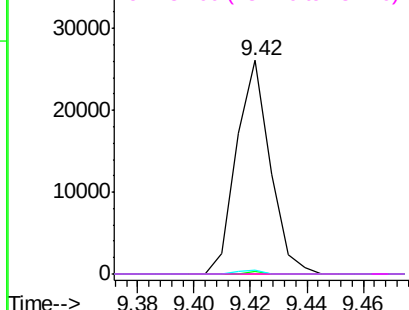
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

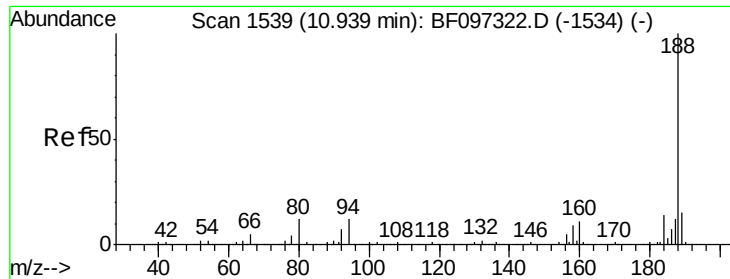


#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.6	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

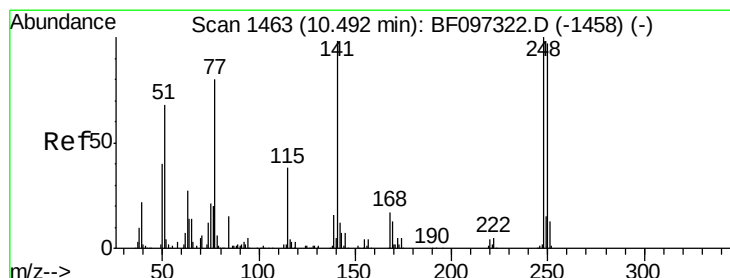
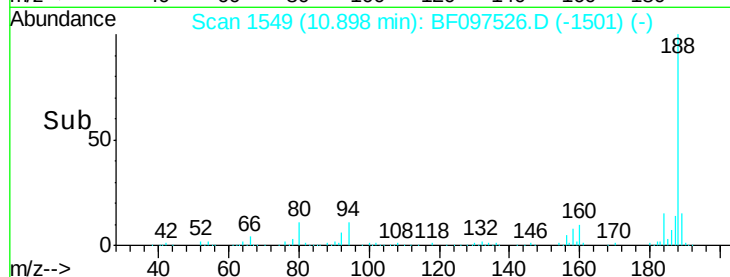
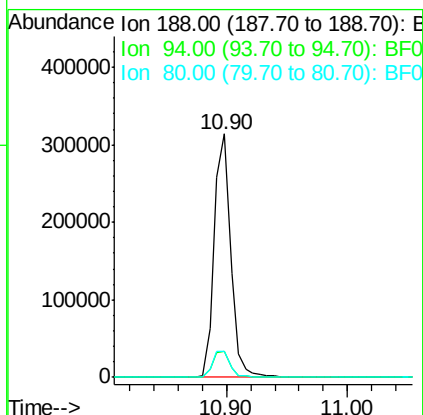
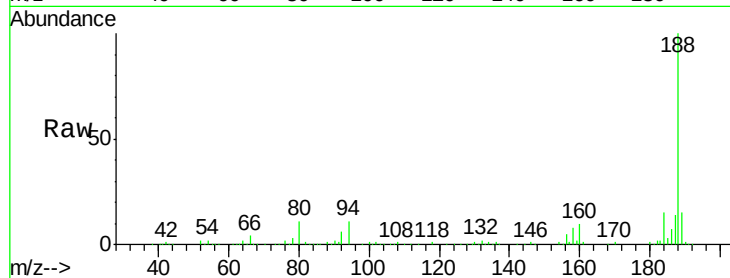




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

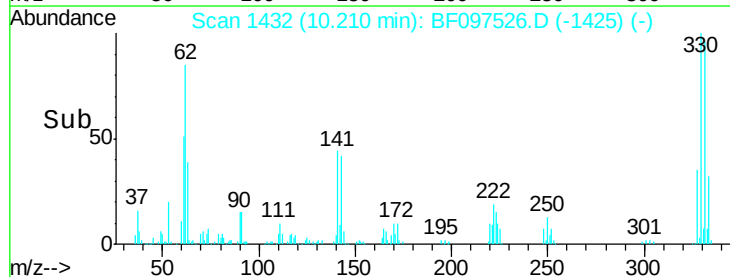
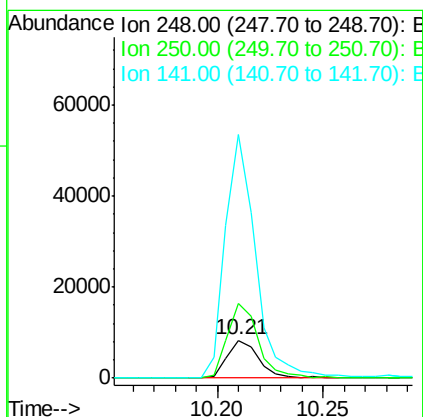
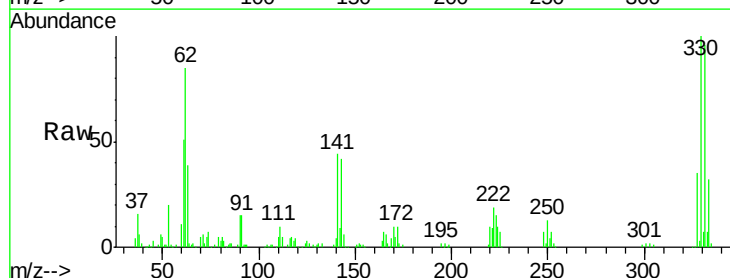
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

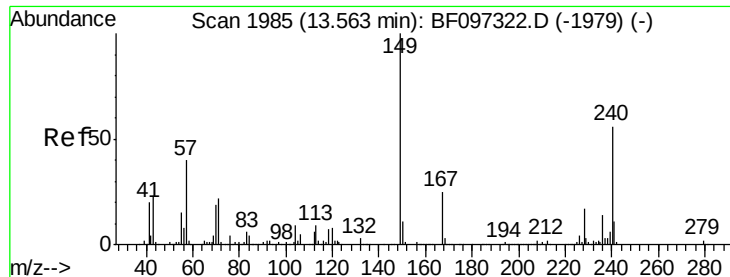
Tot Ion:188 Resp: 294027
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.7 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

Tgt Ion:248 Resp: 8556
Ion Ratio Lower Upper
248 100
250 197.0 76.8 115.2#
141 645.9 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

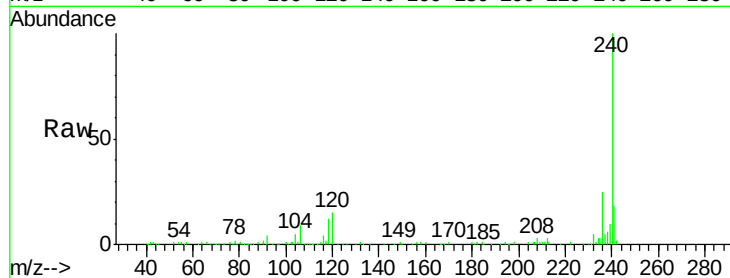
Tot Ion:240 Resp: 195507

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

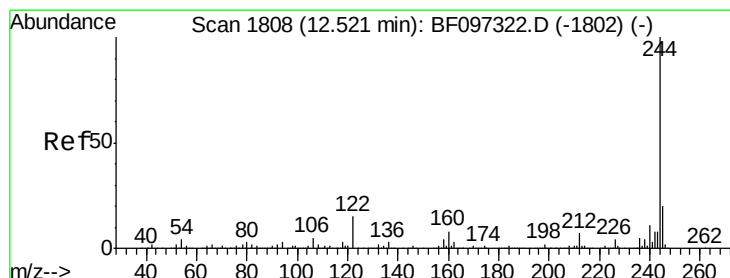
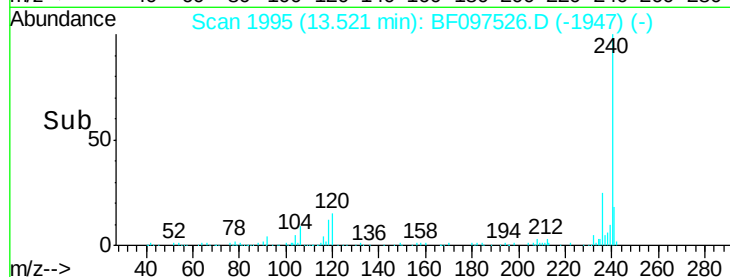
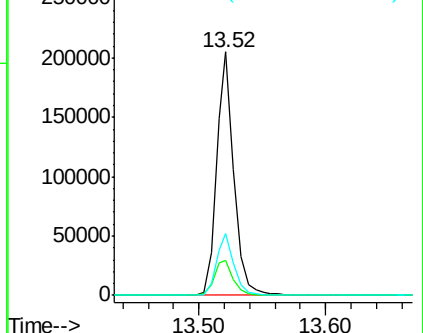
236 25.4 20.5 30.7



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: 48.14 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097526.D

Acq: 9 Aug 2017 20:11

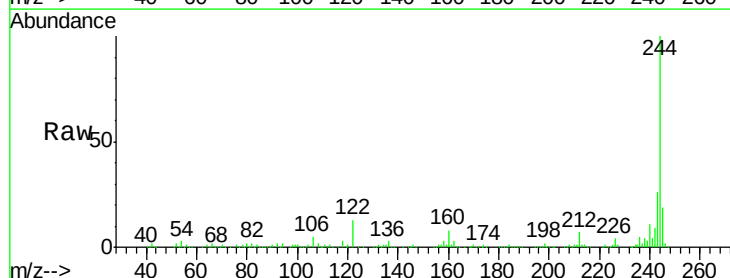
Tgt Ion:244 Resp: 461590

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

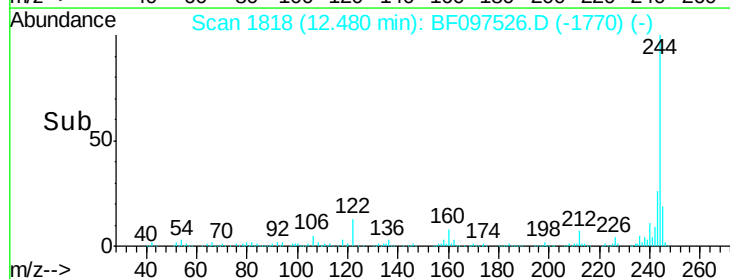
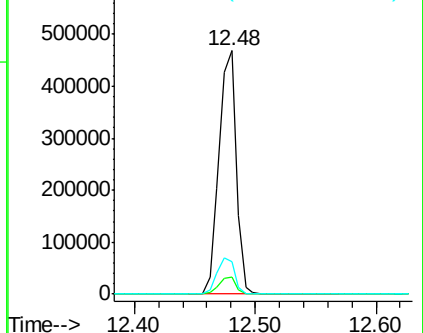
122 13.1 10.3 15.5

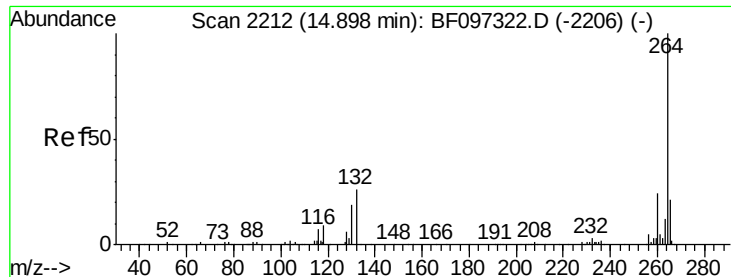


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2222
Delta R.T. -0.01 min
Lab File: BF097526.D
Acq: 9 Aug 2017 20:11

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.6	17.2	25.8

