

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097049.D
 Acq On : 26 Jul 2017 00:34
 Operator : SJ/JU
 Sample : I4359-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 01:08:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

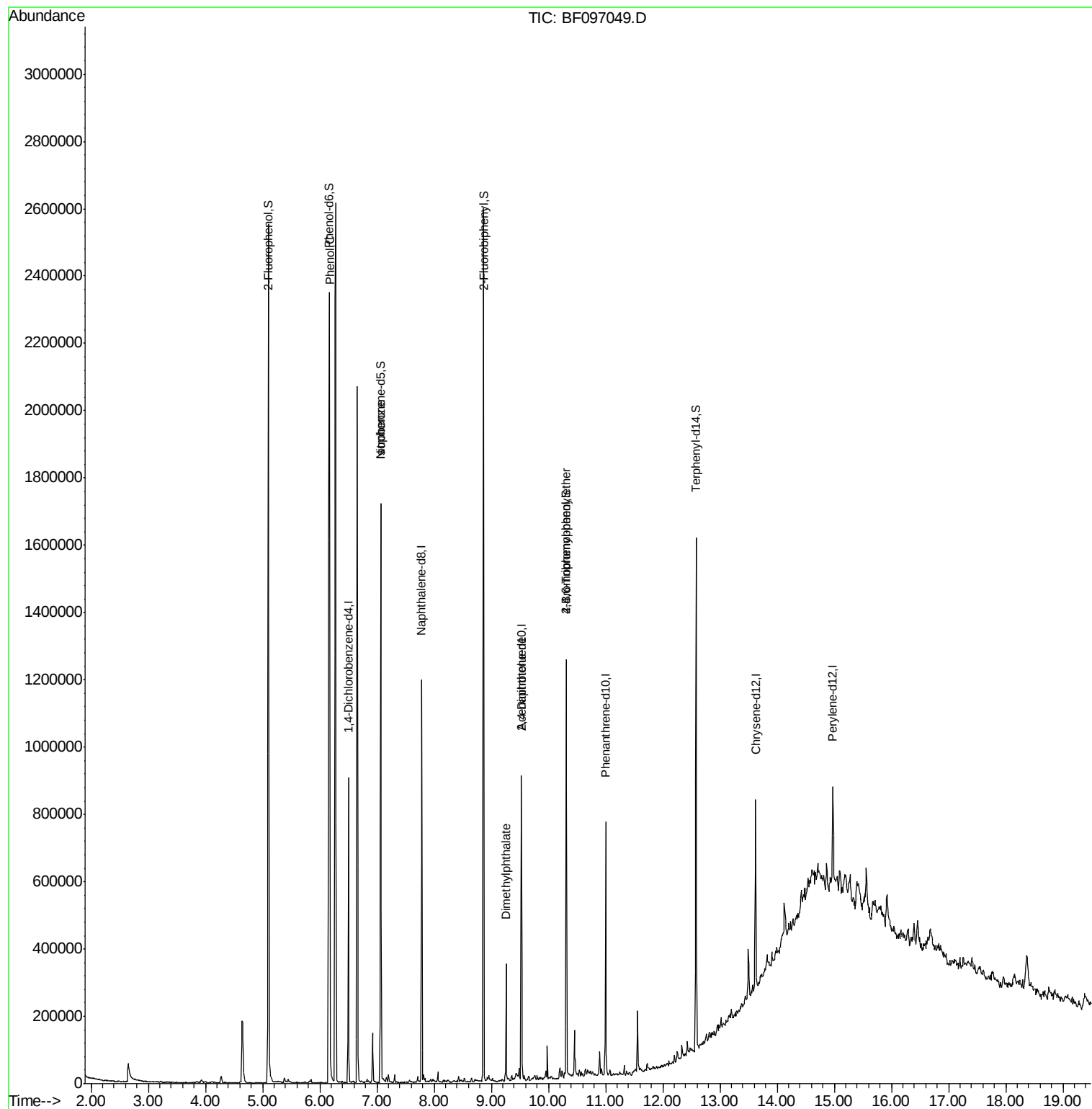
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	126452	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	486298	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	169960	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	243775	20.00	ng	0.00
75) Chrysene-d12	13.62	240	184387	20.00	ng	0.00
86) Perylene-d12	14.97	264	131138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	755228	90.03	ng	0.00
7) Phenol-d6	6.16	99	908012	94.82	ng	0.00
23) Nitrobenzene-d5	7.07	82	509910	61.51	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	131181	97.69	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	814195	81.30	ng	0.00
78) Terphenyl-d14	12.58	244	501456	55.45	ng	0.00
Target Compounds						
10) Phenol	6.17	94	34017	2.99	ng	98
25) Isophorone	7.07	82	505973	31.17	ng	# 67
49) Dimethylphthalate	9.26	163	115574	8.95	ng	99
56) 2,4-Dinitrotoluene	9.53	165	21484	6.83	ng	# 34
66) 4-Bromophenyl-phenylether	10.31	248	8418	3.46	ng	# 1

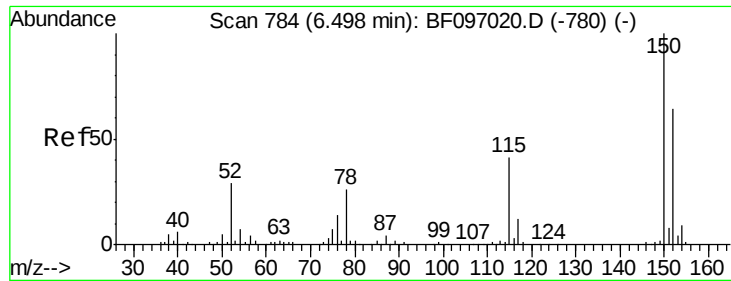
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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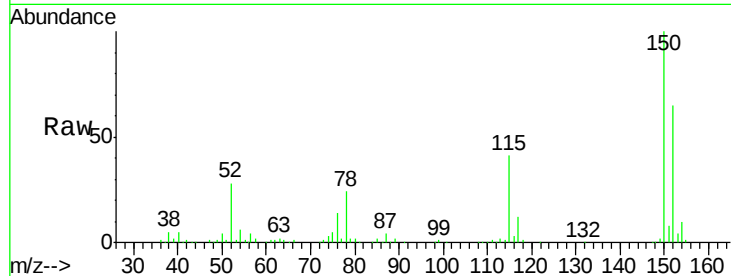


#1

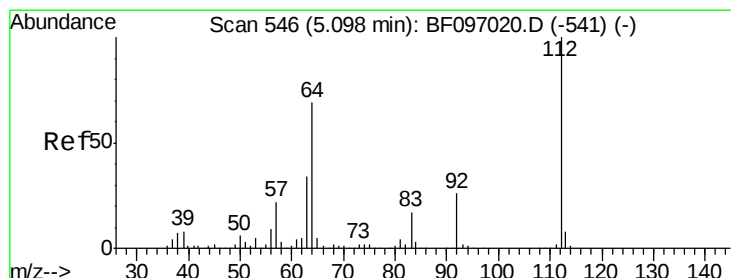
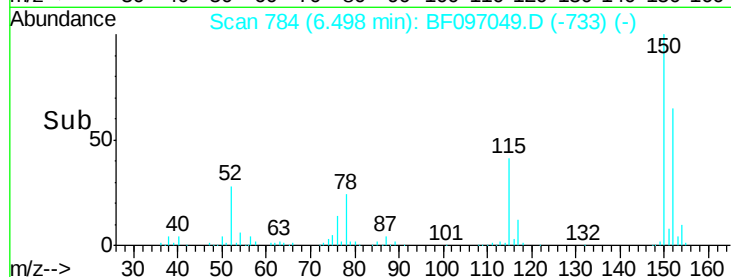
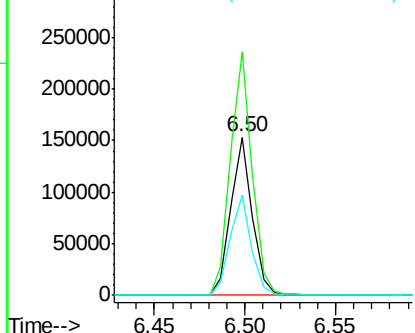
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097049.D
Acq: 26 Jul 2017 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126452
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 63.0 52.2 78.2



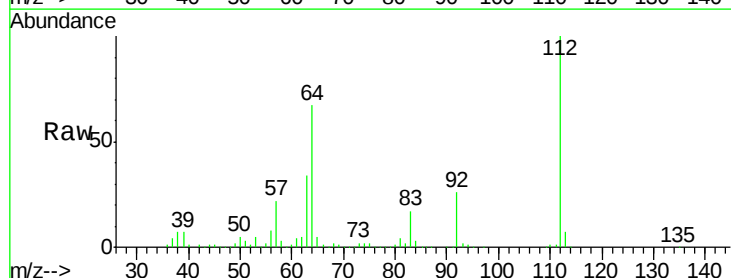
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



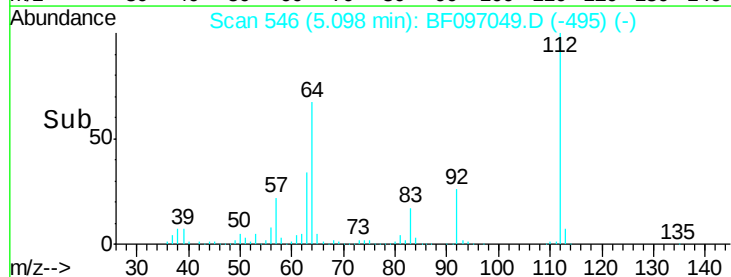
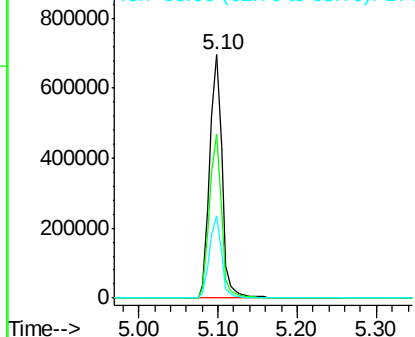
#5

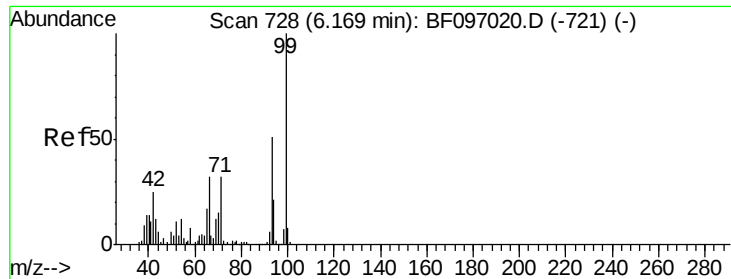
2-Fluorophenol
Concen: 90.03 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097049.D
Acq: 26 Jul 2017 00:34

Tgt Ion:112 Resp: 755228
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 34.0 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: 94.82 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

Instrument :

BNA_F

ClientSampleId :

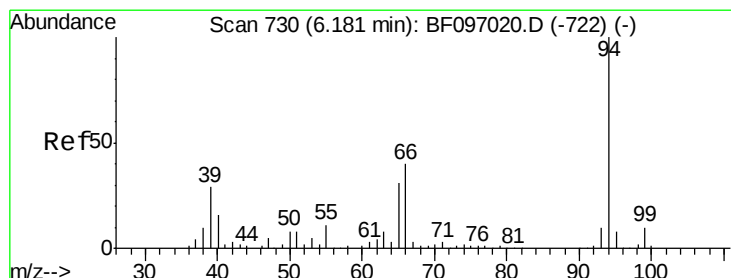
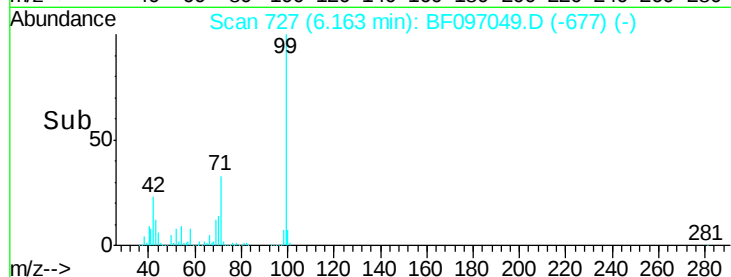
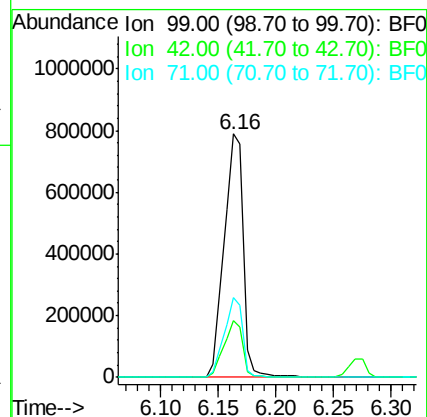
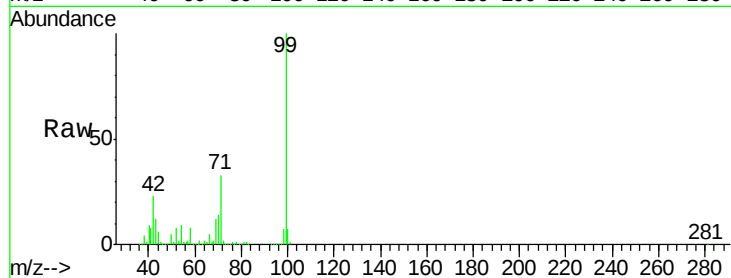
Tot Ion: 99 Resp: 908012

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

71 32.9 24.5 36.7



#10

Phenol

Concen: 2.99 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

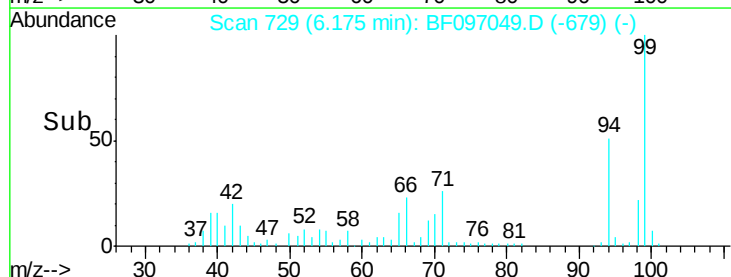
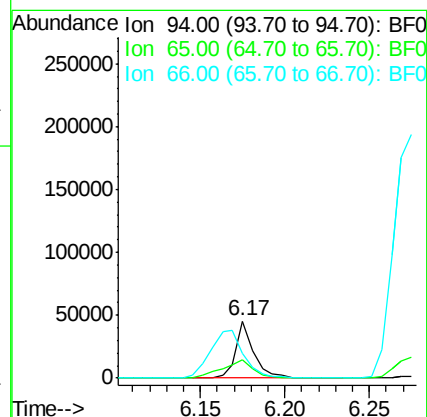
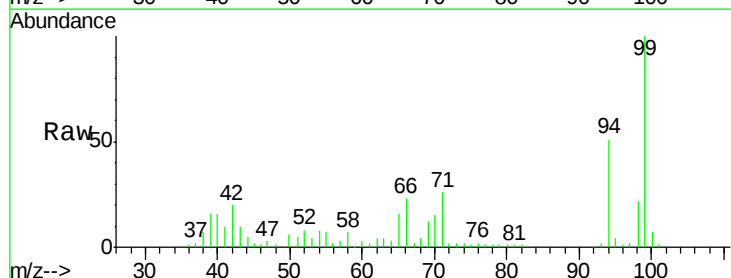
Tgt Ion: 94 Resp: 34017

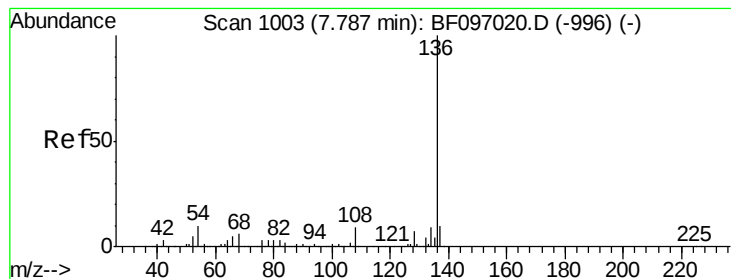
Ion Ratio Lower Upper

94 100

65 31.7 9.9 49.9

66 44.3 23.1 63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 486298

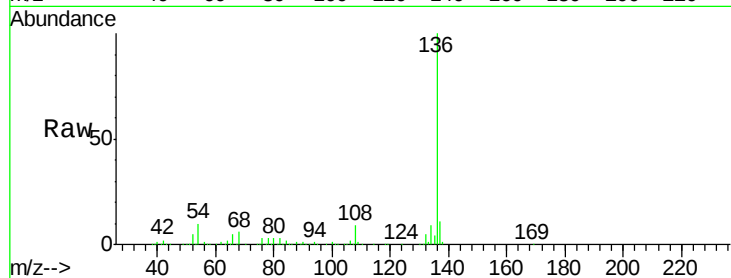
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.9 4.9 7.3#

68 5.5 4.1 6.1

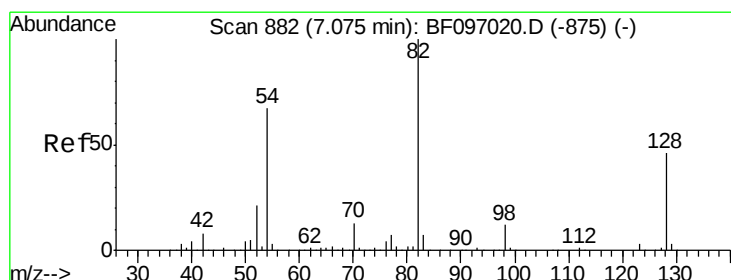
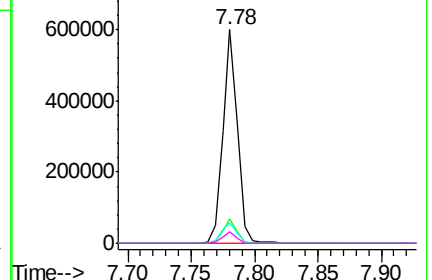
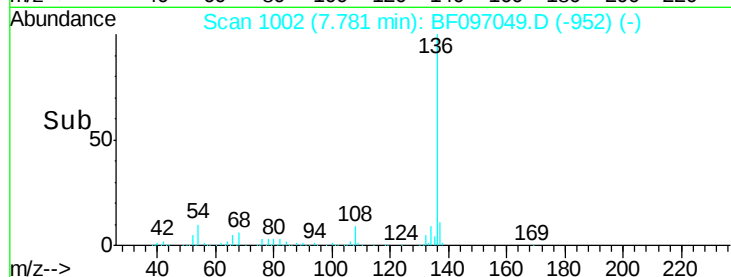


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 61.51 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

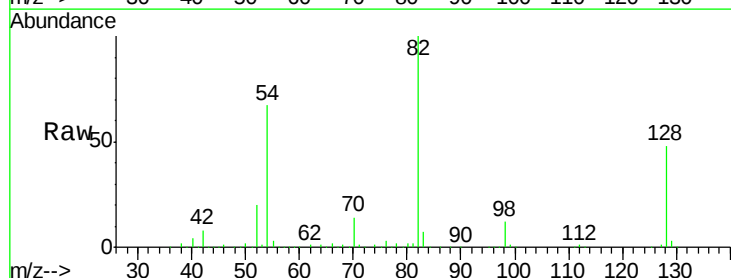
Tgt Ion: 82 Resp: 509910

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

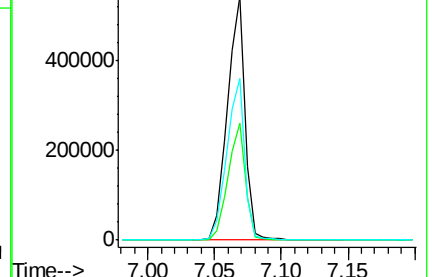
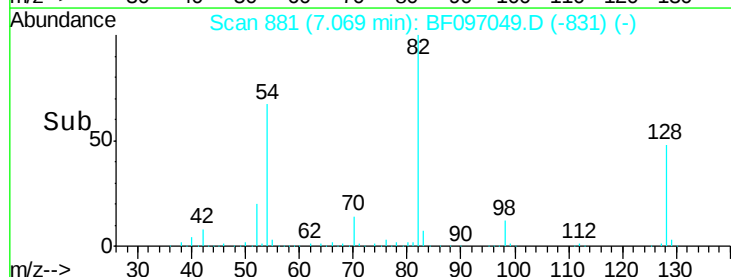
54 66.6 42.2 63.2#

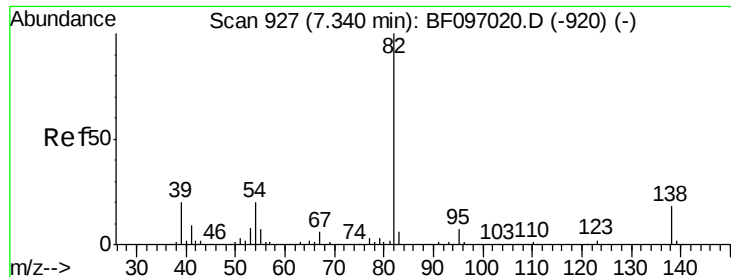


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.17 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

Instrument :

BNA_F

ClientSampleId :

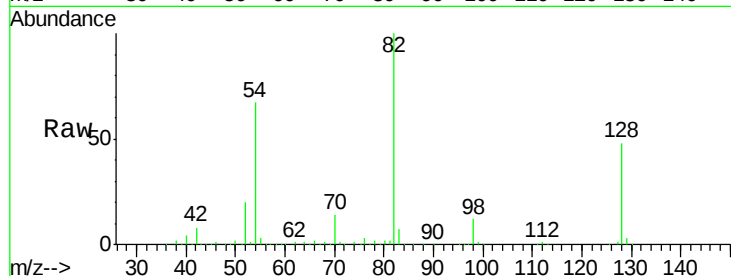
Tot Ion: 82 Resp: 505973

Ion Ratio Lower Upper

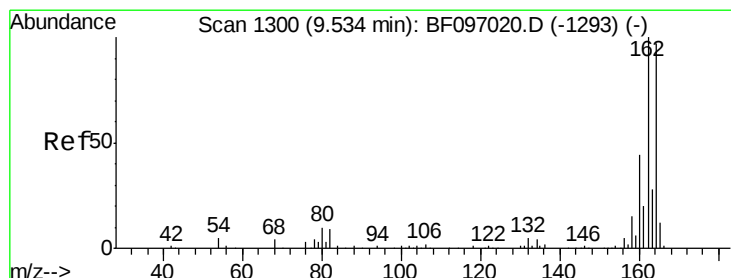
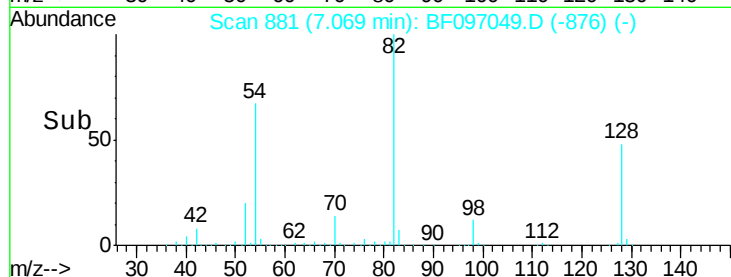
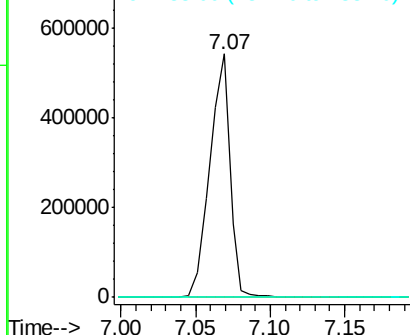
82 100

95 0.1 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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

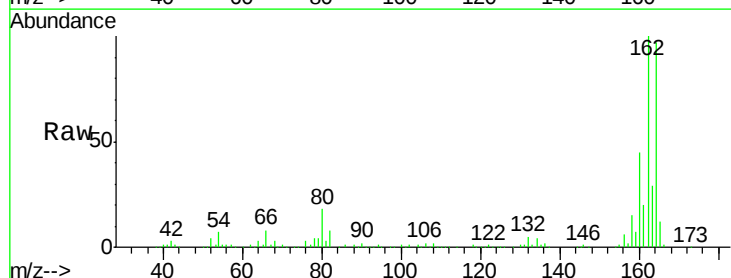
Tgt Ion:164 Resp: 169960

Ion Ratio Lower Upper

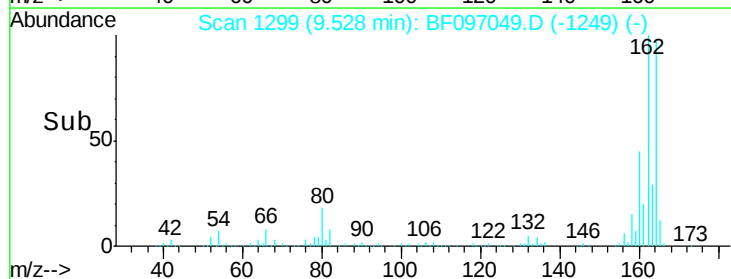
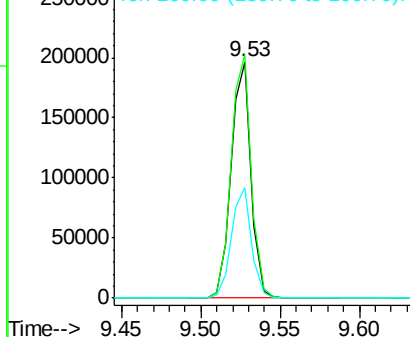
164 100

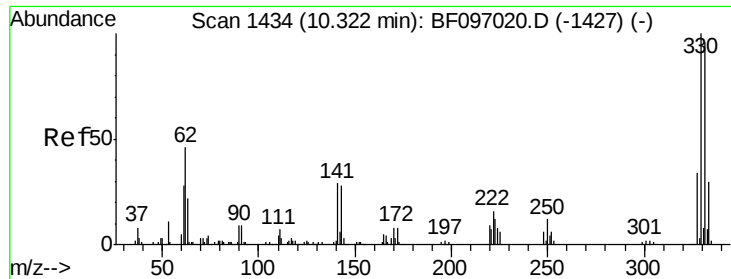
162 102.9 82.6 123.8

160 46.8 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

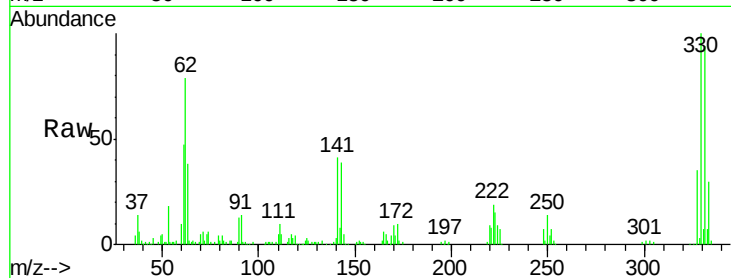




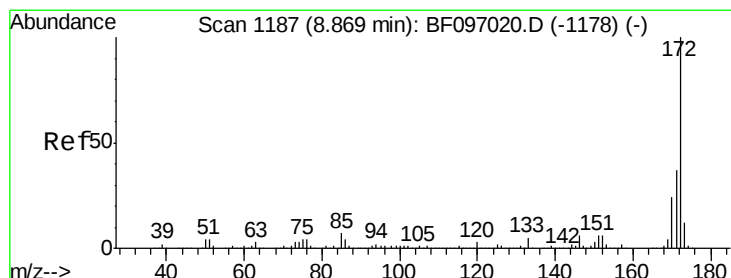
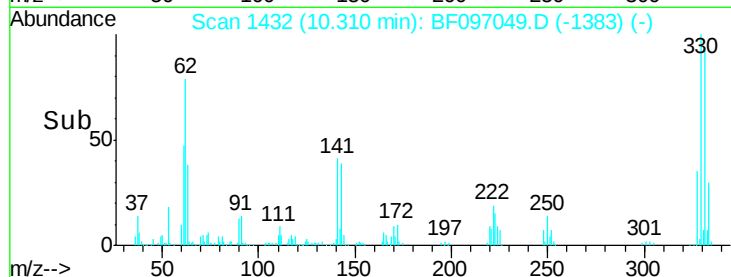
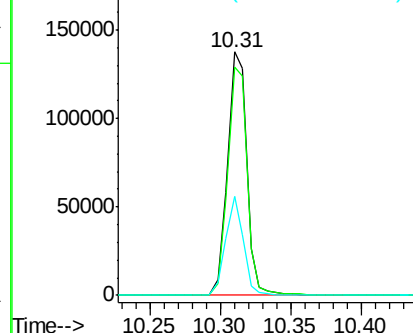
#41
 2,4,6-Tribromophenol
 Concen: 97.69 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097049.D
 Acq: 26 Jul 2017 00:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 131181
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.0 31.4 47.2

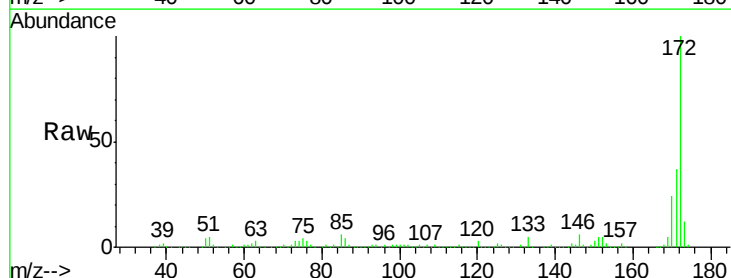


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

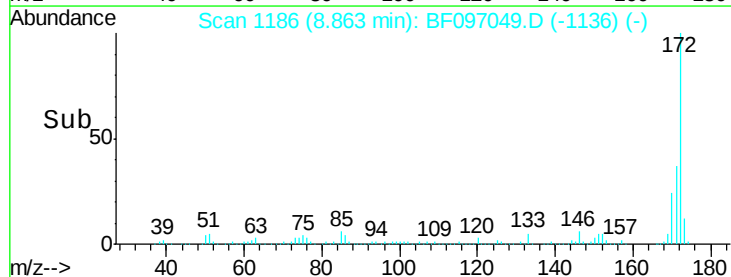
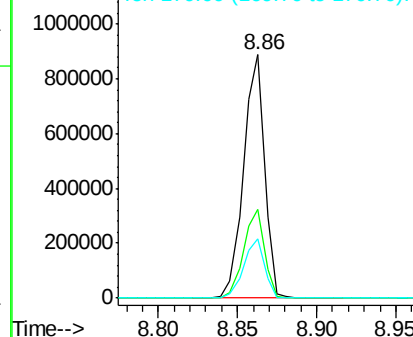


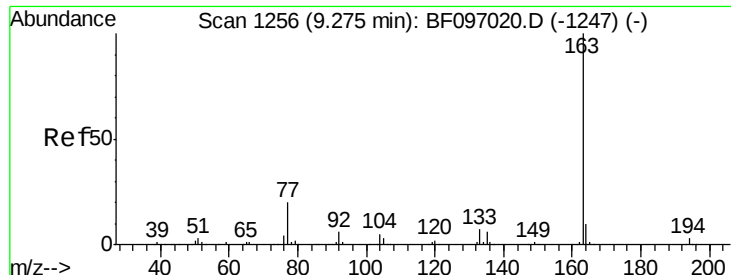
#44
 2-Fluorobiphenyl
 Concen: 81.30 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097049.D
 Acq: 26 Jul 2017 00:34

Tgt Ion:172 Resp: 814195
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 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

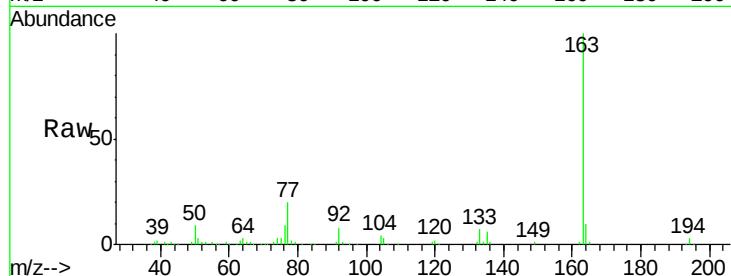




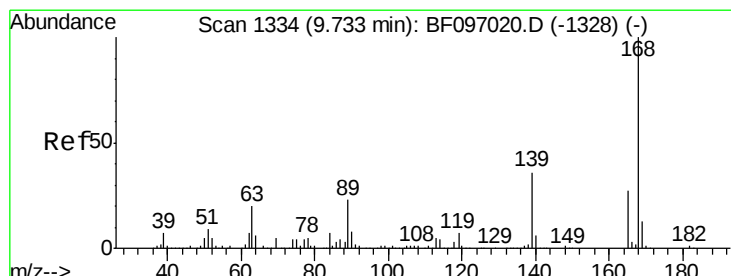
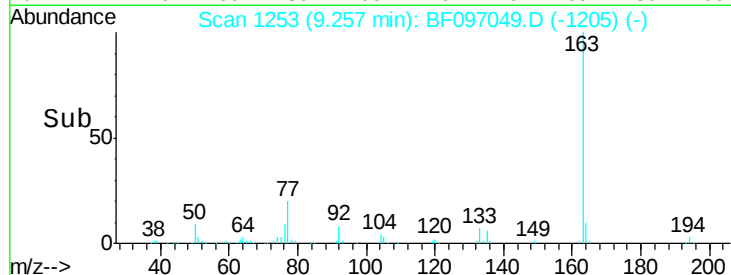
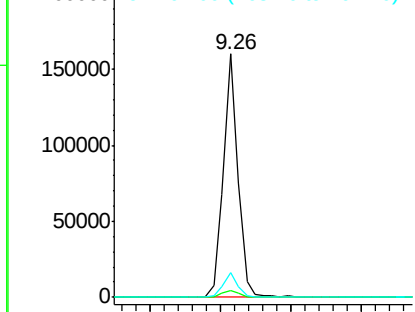
#49
Dimethylphthalate
Concen: 8.95 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097049.D
Acq: 26 Jul 2017 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 115574
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.1 8.4 12.6

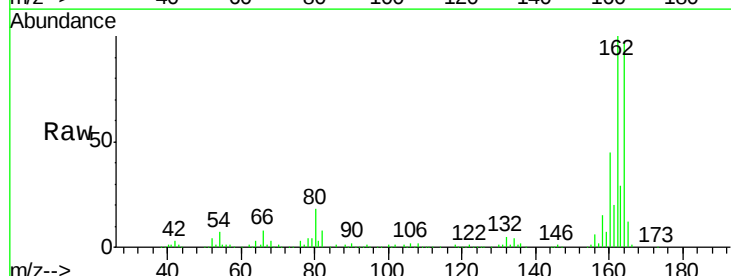


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

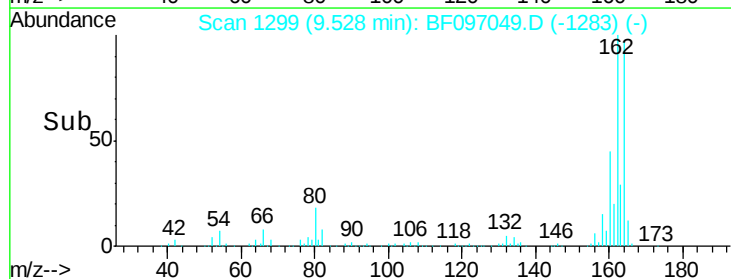
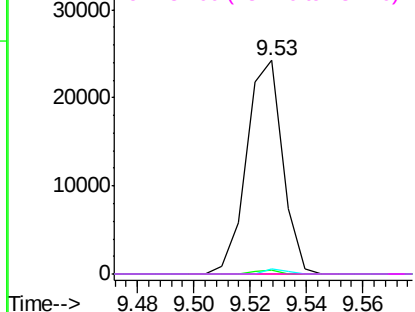


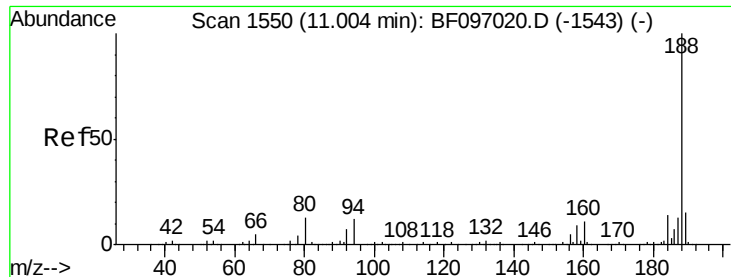
#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097049.D
Acq: 26 Jul 2017 00:34

Tgt Ion:165 Resp: 21484
Ion Ratio Lower Upper
165 100
63 1.9 25.4 38.0#
89 2.2 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

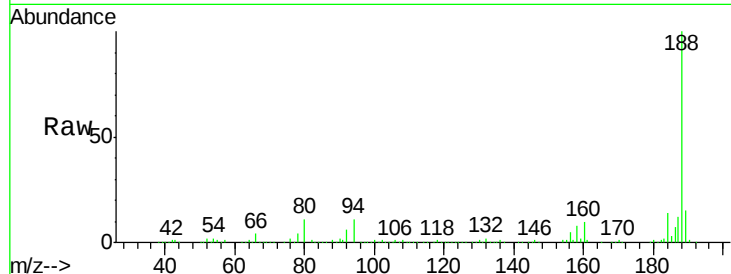




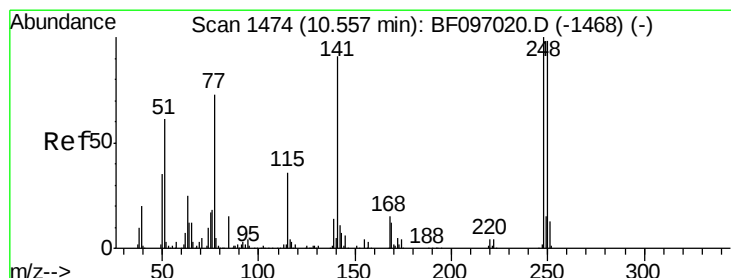
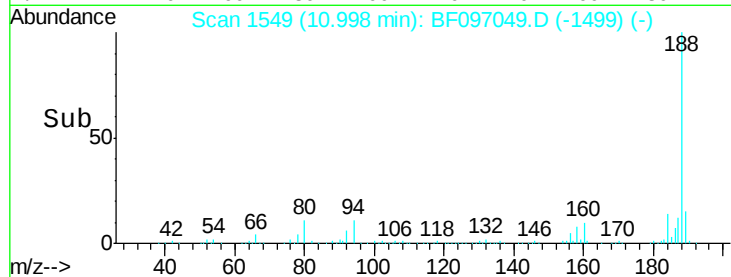
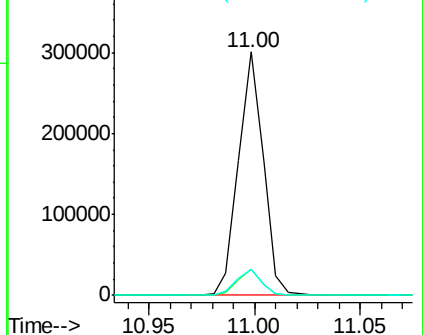
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097049.D
 Acq: 26 Jul 2017 00:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 243775
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.6 10.2 15.2

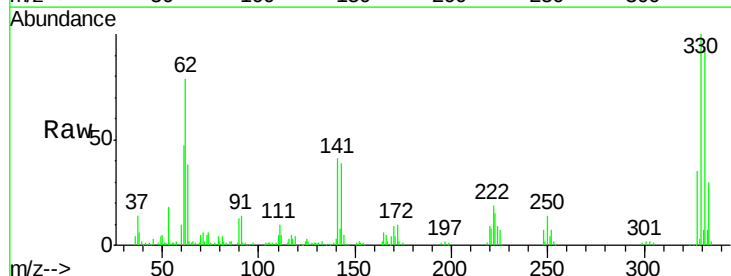


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

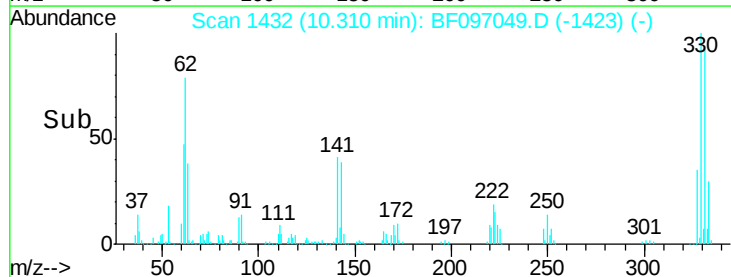
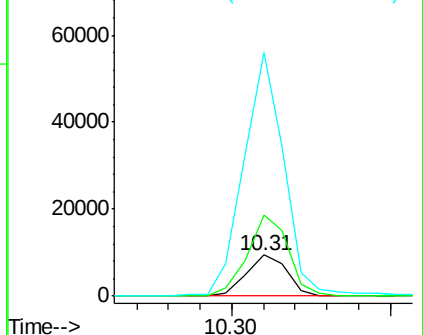


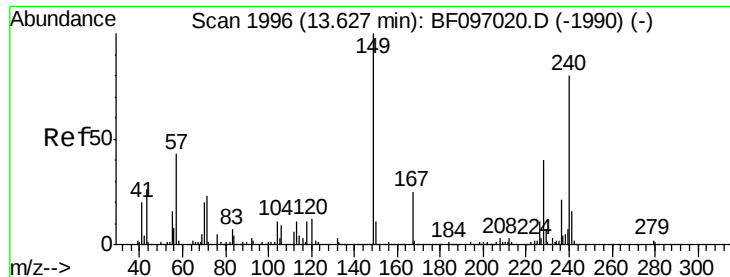
#66
 4-Bromophenyl-phenylether
 Concen: 3.46 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF097049.D
 Acq: 26 Jul 2017 00:34

Tgt Ion:248 Resp: 8418
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.8 115.2#
 141 594.7 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: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

Instrument :

BNA_F

ClientSampleId :

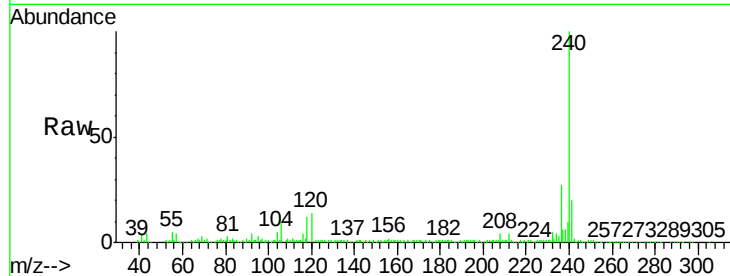
Tot Ion:240 Resp: 184387

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

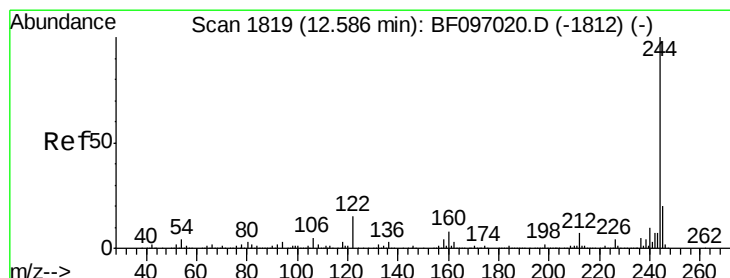
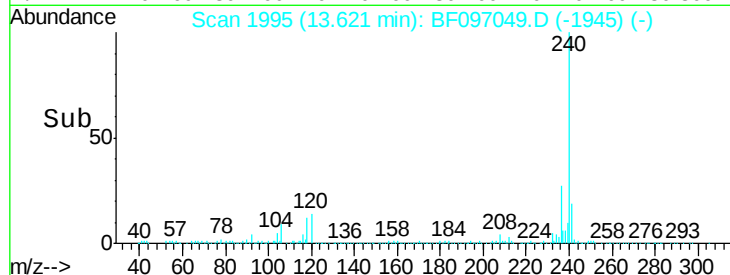
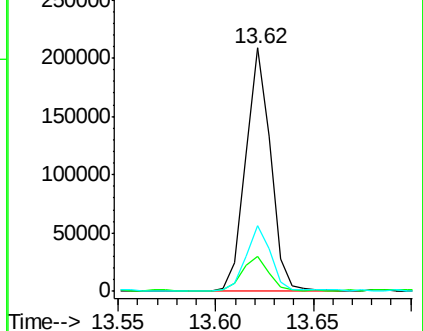
236 26.8 20.5 30.7



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: 55.45 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

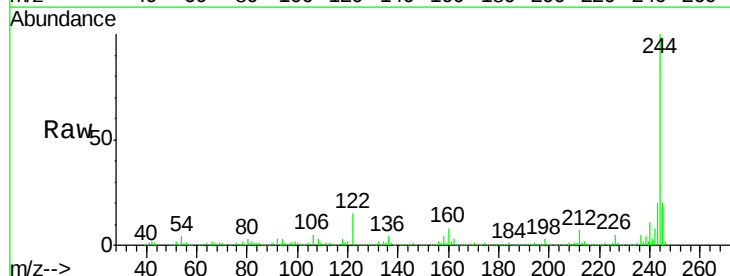
Tgt Ion:244 Resp: 501456

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

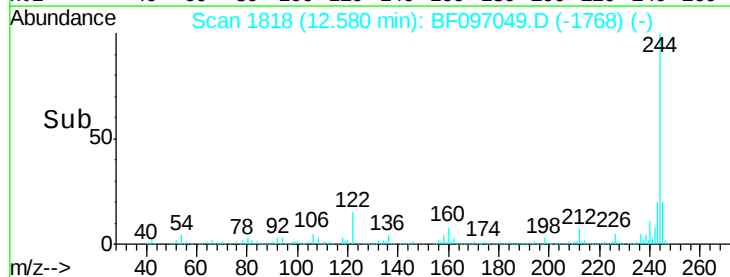
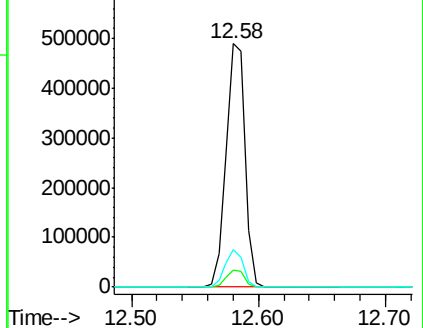
122 15.4 10.3 15.5

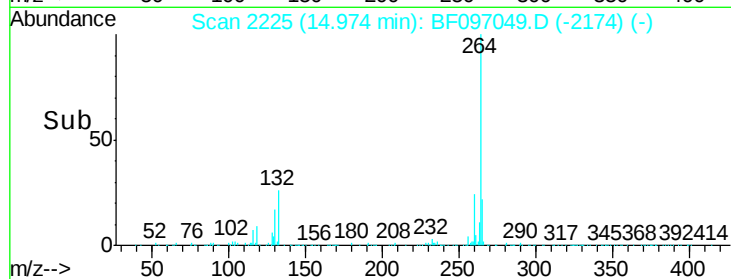
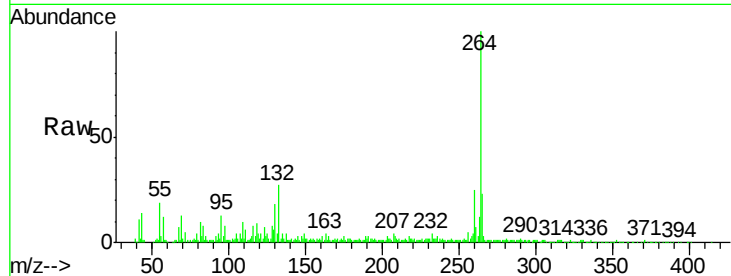
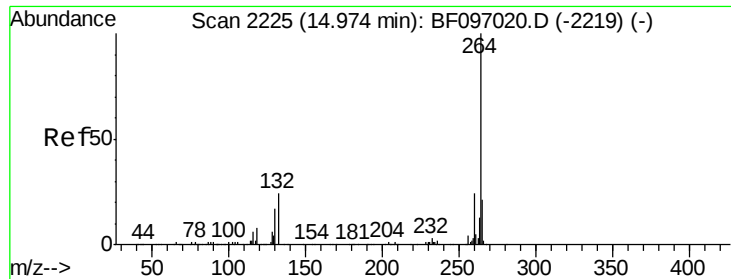


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097049.D

Acq: 26 Jul 2017 00:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 131138

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.8 17.2 25.8

