

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097154.D
 Acq On : 28 Jul 2017 15:06
 Operator : SJ/JU
 Sample : I4420-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

Quant Time: Jul 28 16:15:36 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

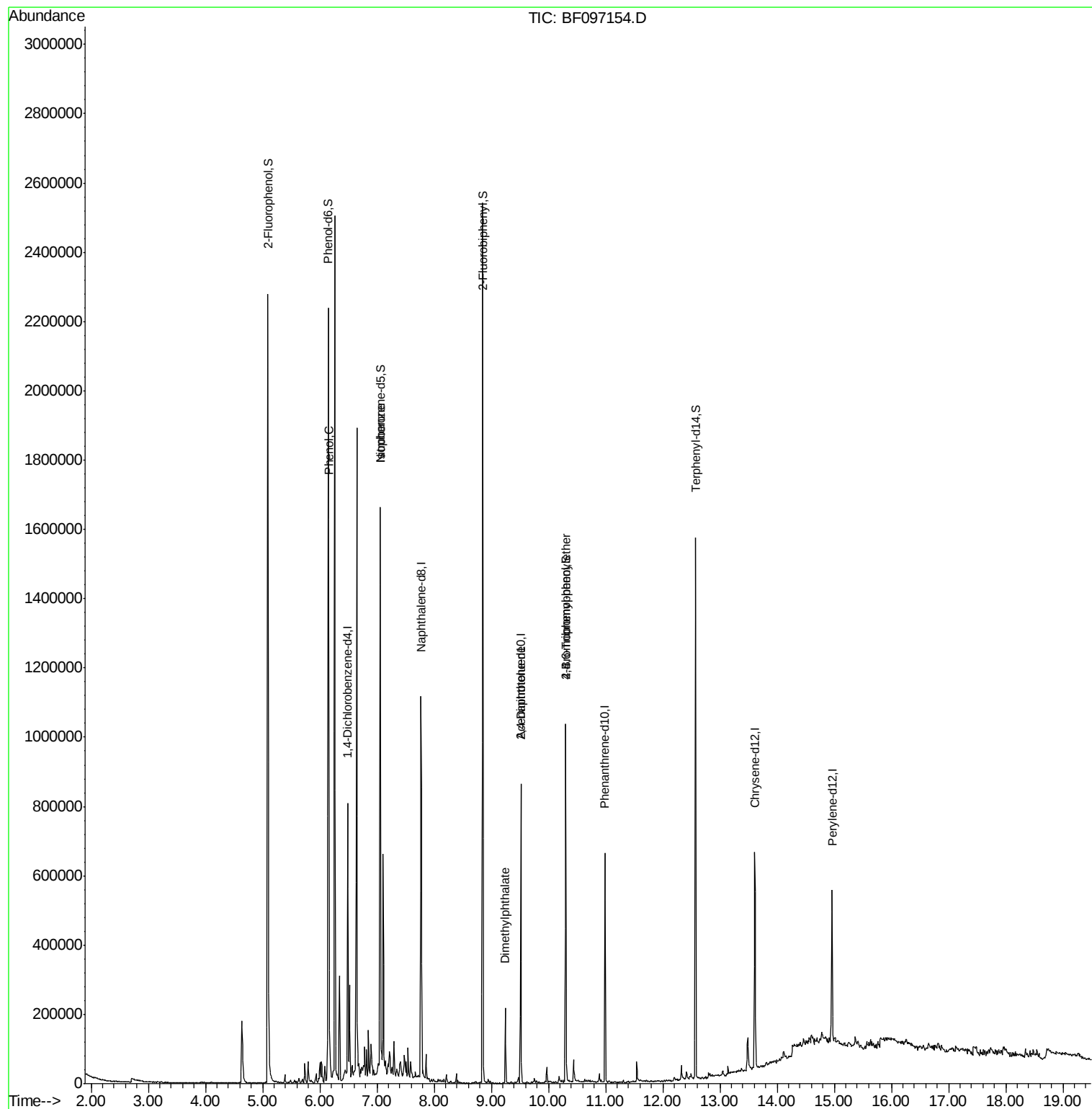
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	108884	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	442697	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	165254	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	232303	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	203964	20.00	ng	-0.02
86) Perylene-d12	14.96	264	167603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	707933	98.01	ng	0.00
7) Phenol-d6	6.15	99	810734	98.32	ng	-0.02
23) Nitrobenzene-d5	7.06	82	495809	65.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	117555	90.03	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	806699	82.84	ng	-0.02
78) Terphenyl-d14	12.57	244	470010	46.98	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	26295	2.688	ng	93
25) Isophorone	7.06	82	485531	32.854	ng	# 67
49) Dimethylphthalate	9.25	163	80024	6.377	ng	100
56) 2,4-Dinitrotoluene	9.52	165	21096	6.895	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	7631	3.292	ng	# 1

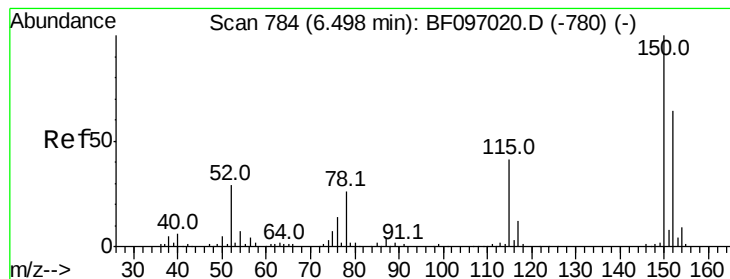
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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2A-6-7-8-9-10-COMP-(0-10)

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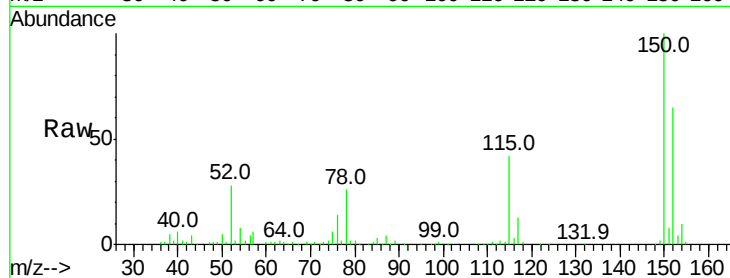


#1

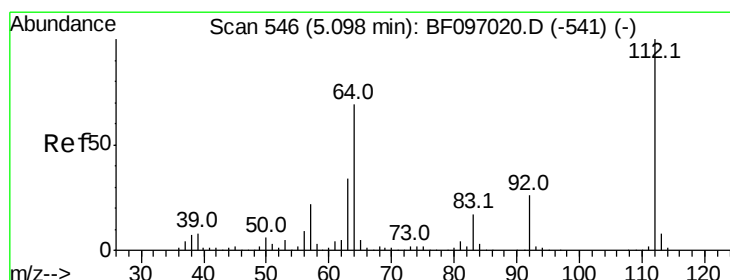
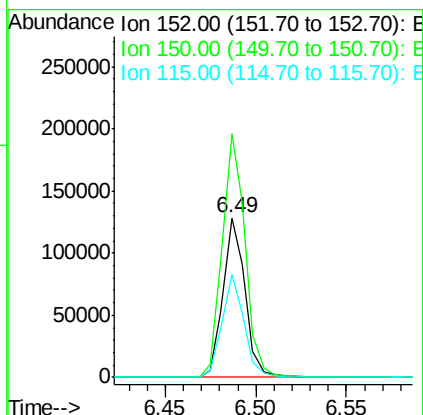
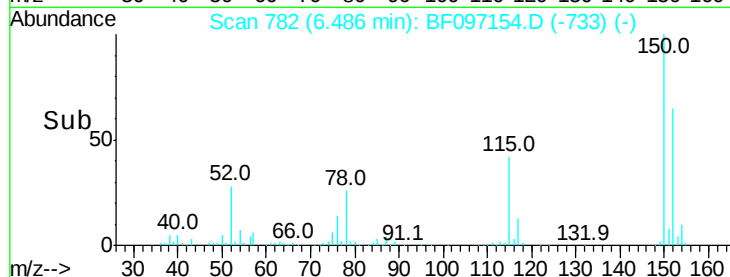
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097154.D
 Acq: 28 Jul 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:152 Resp: 108884
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.2 189.2
 115 64.1 52.2 78.2



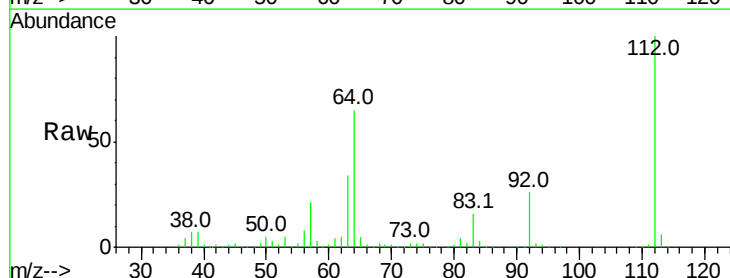
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



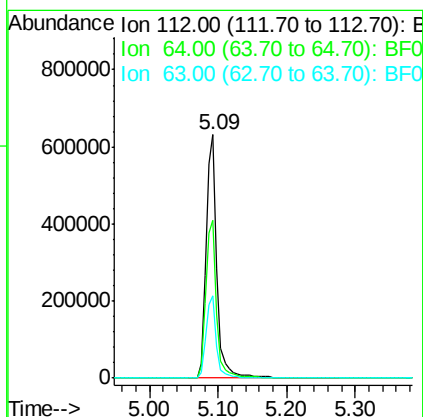
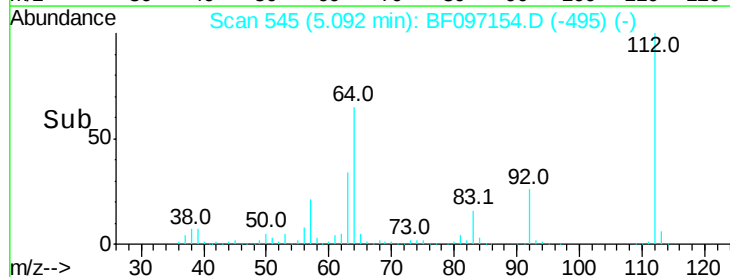
#5

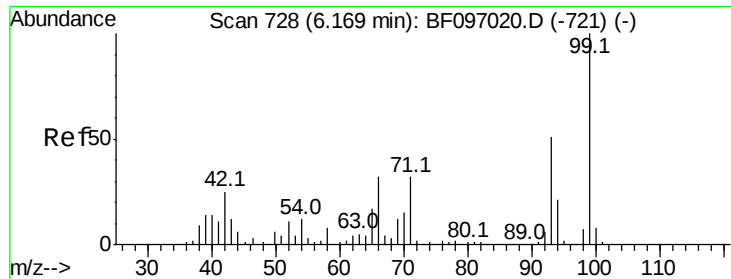
2-Fluorophenol
 Concen: 98.013 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097154.D
 Acq: 28 Jul 2017 15:06

Tgt Ion:112 Resp: 707933
 Ion Ratio Lower Upper
 112 100
 64 65.0 46.0 69.0
 63 33.8 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: 98.321 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

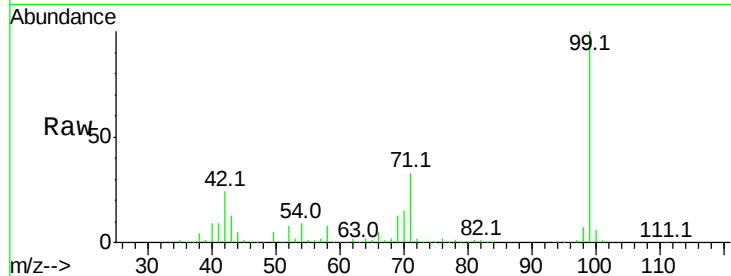
Tot Ion: 99 Resp: 810734

Ion Ratio Lower Upper

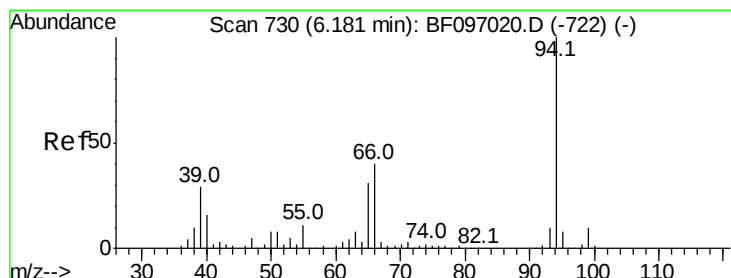
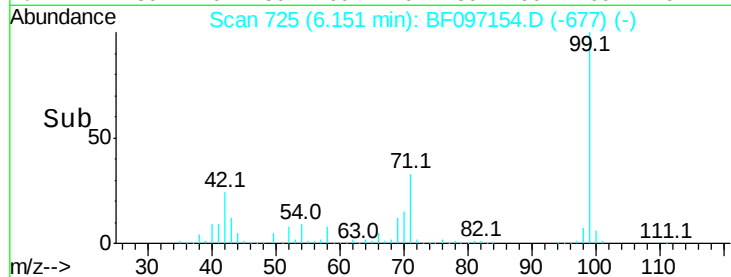
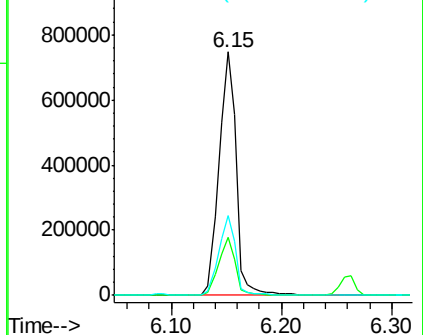
99 100

42 23.8 13.5 20.3#

71 32.7 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



#10

Phenol

Concen: 2.688 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

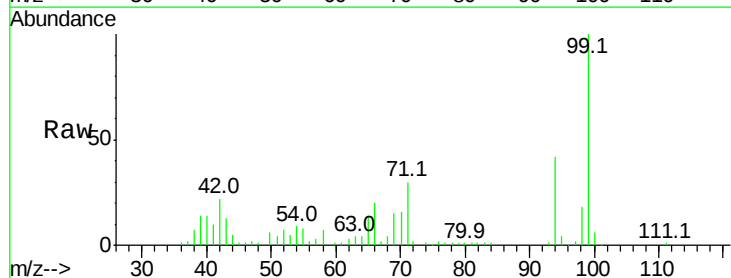
Tgt Ion: 94 Resp: 26295

Ion Ratio Lower Upper

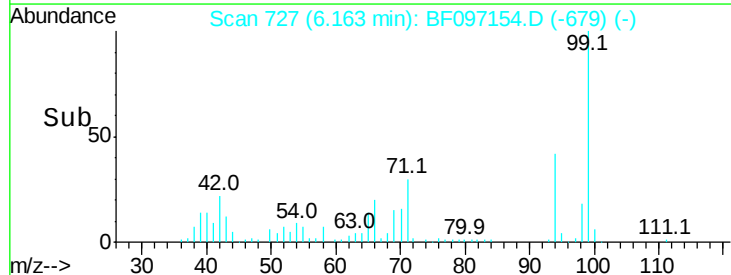
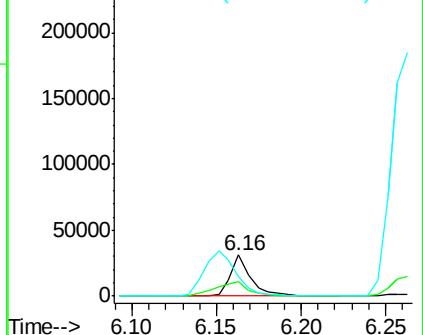
94 100

65 33.9 9.9 49.9

66 47.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:136 Resp: 442697

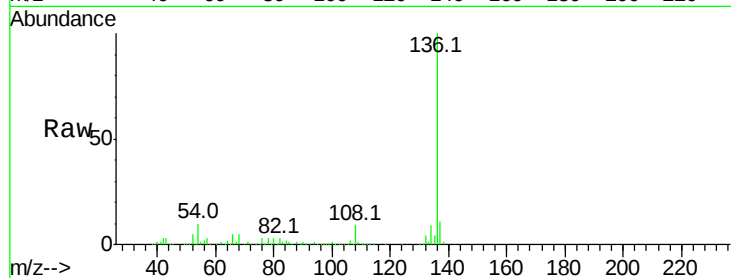
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.5 4.1 6.1

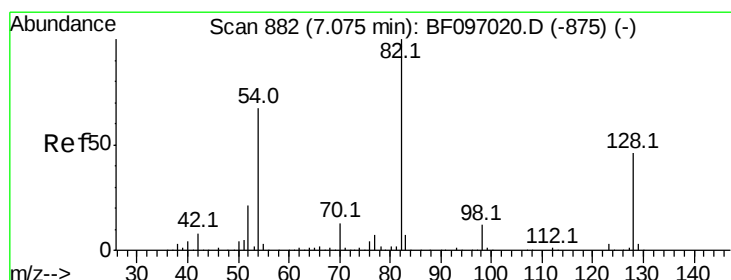
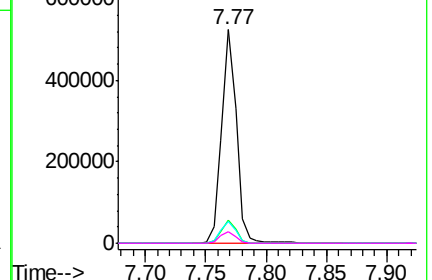
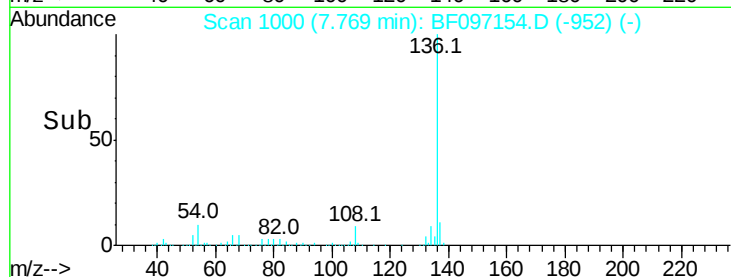


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.702 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

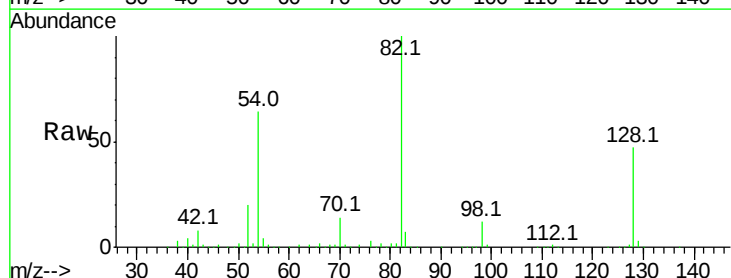
Tgt Ion: 82 Resp: 495809

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

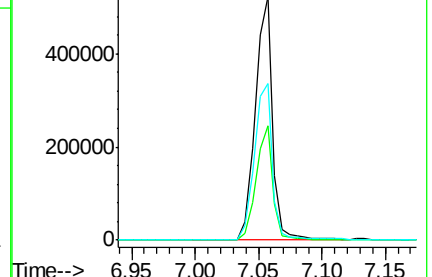
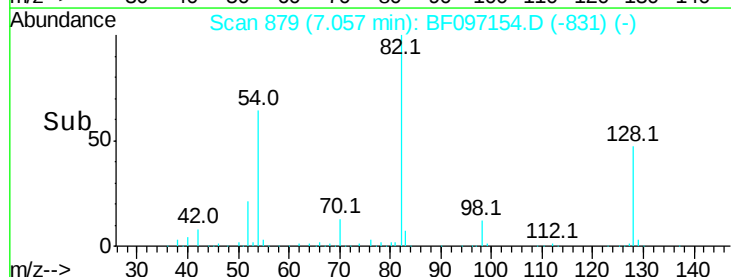
54 64.3 42.2 63.2#

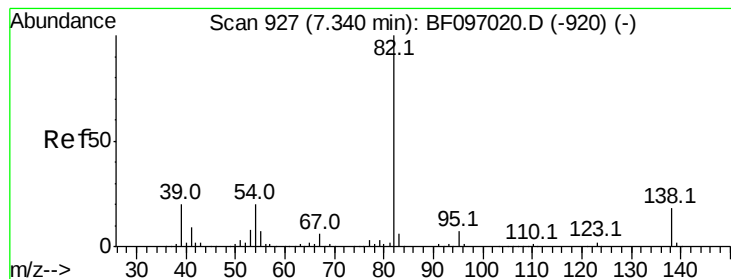


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.854 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

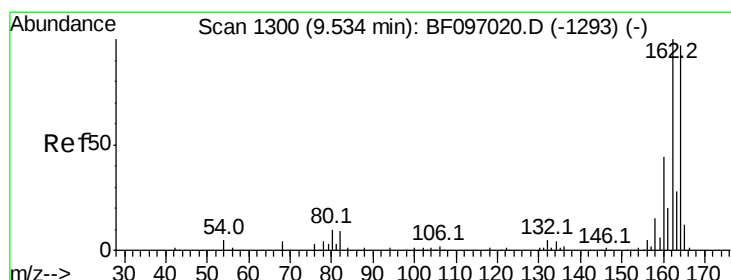
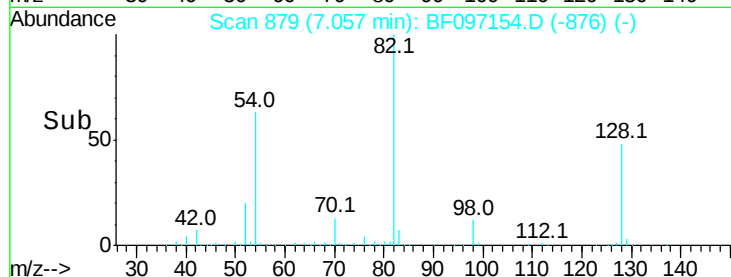
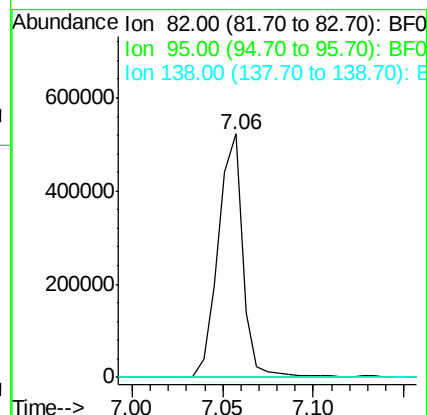
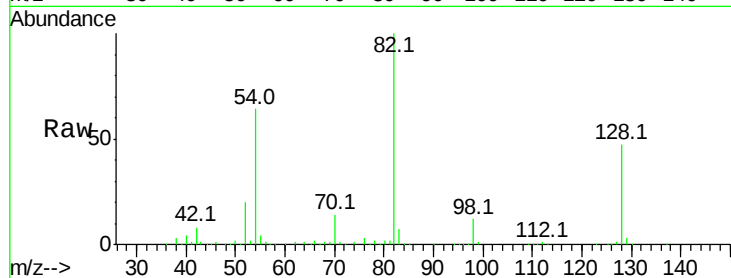
Tot Ion: 82 Resp: 485531

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

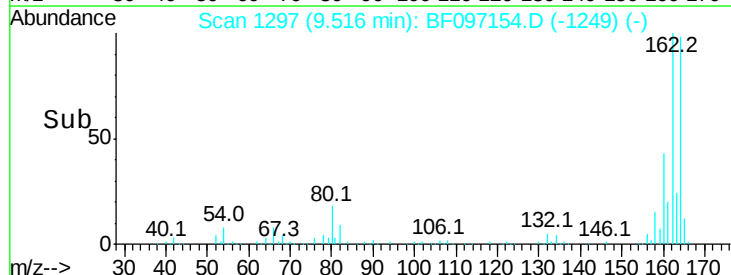
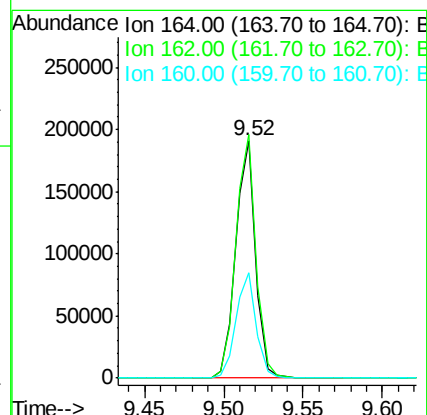
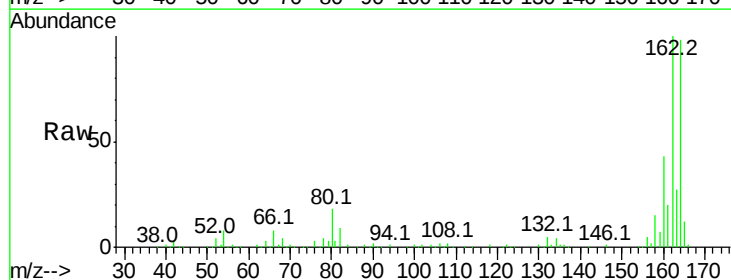
Tgt Ion:164 Resp: 165254

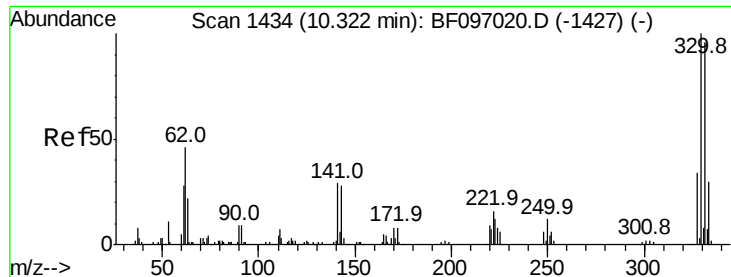
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 44.5 36.2 54.2

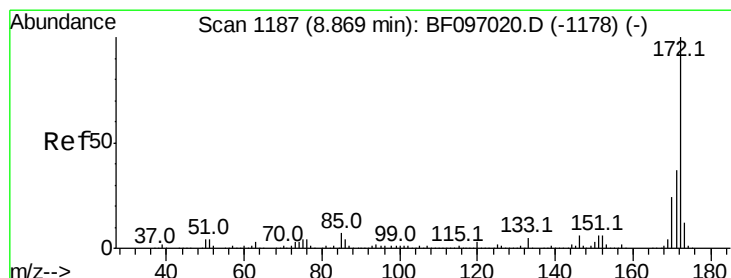
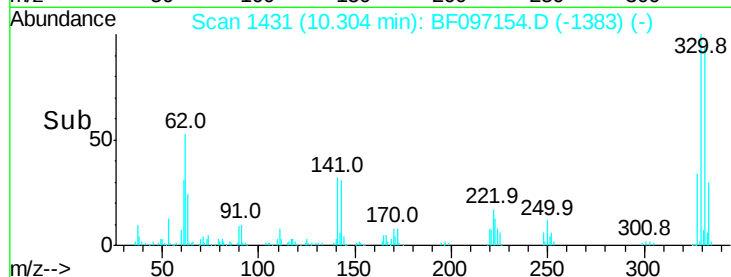
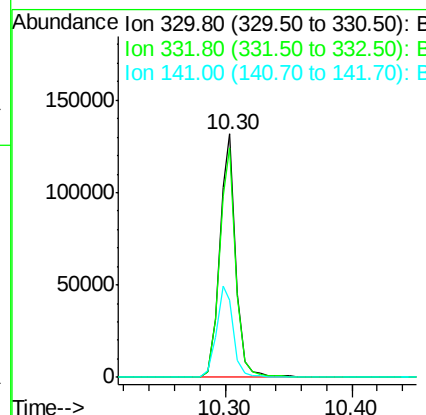
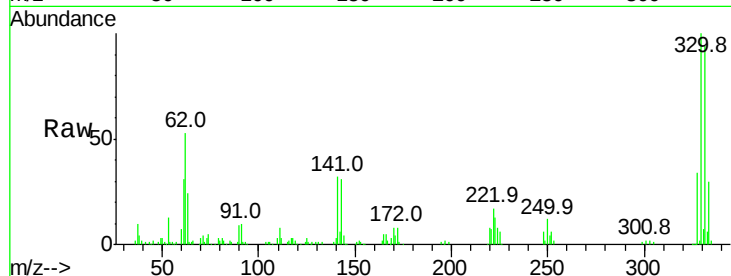




#41
 2,4,6-Tribromophenol
 Concen: 90.034 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097154.D
 Acq: 28 Jul 2017 15:06

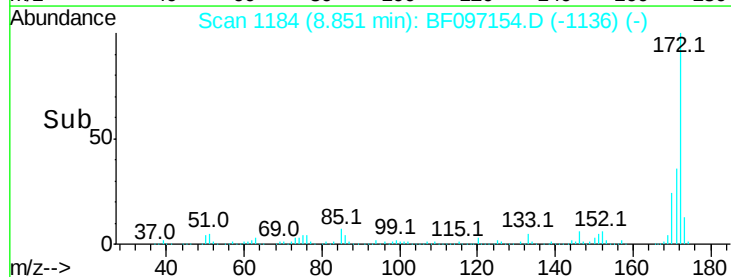
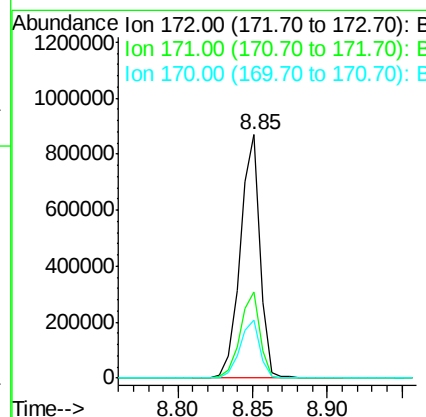
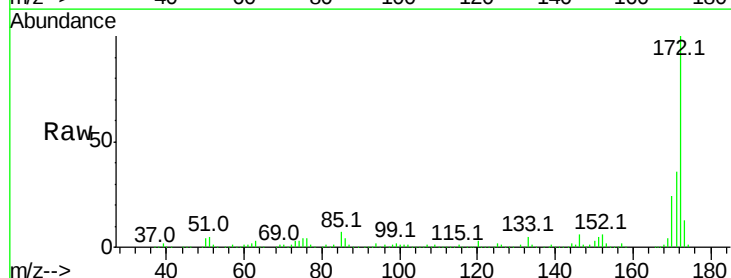
Instrument :
 BNA_F
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

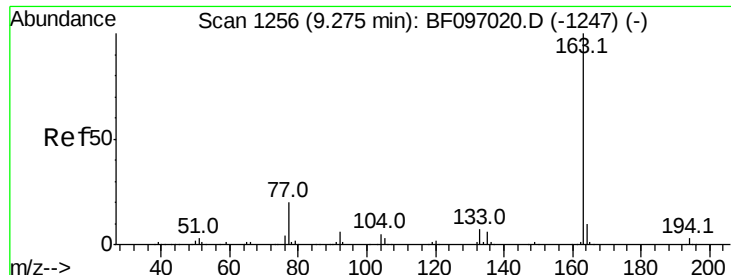
Tot Ion:330 Resp: 117555
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 39.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 82.845 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097154.D
 Acq: 28 Jul 2017 15:06

Tgt Ion:172 Resp: 806699
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.7 19.8 29.8

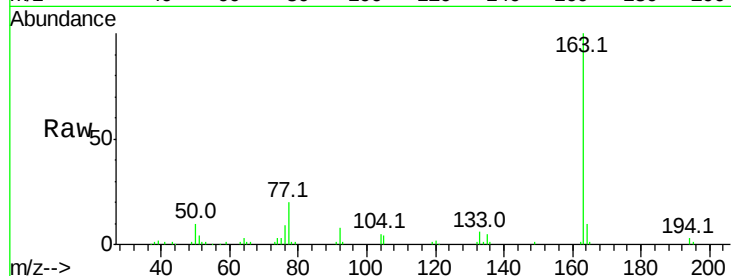




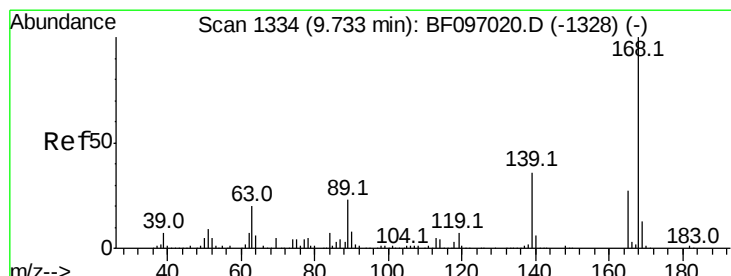
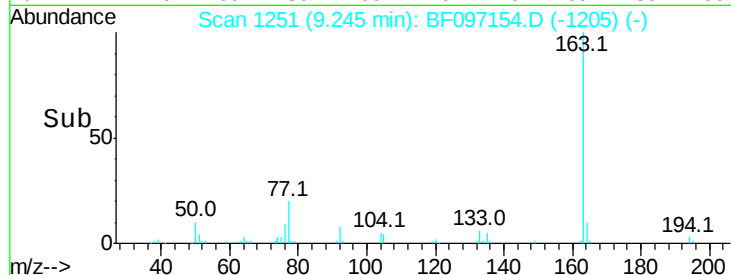
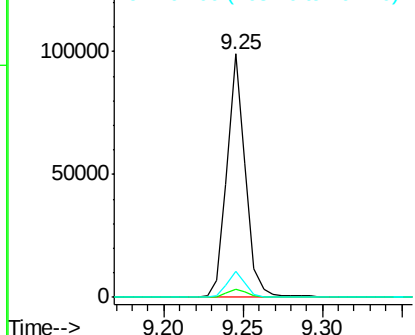
#49
Dimethylphthalate
Concen: 6.377 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Instrument :
BNA_F
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:163 Resp: 80024
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 8.4 12.6



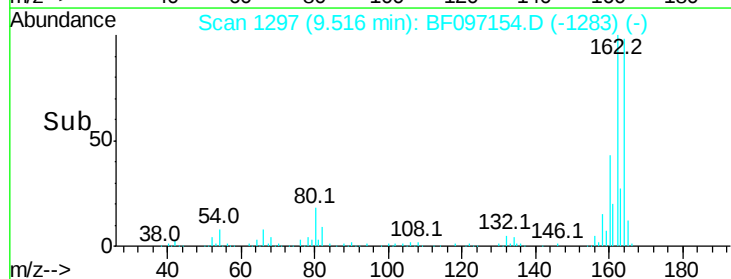
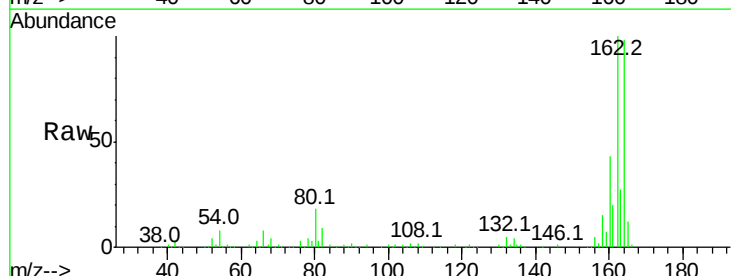
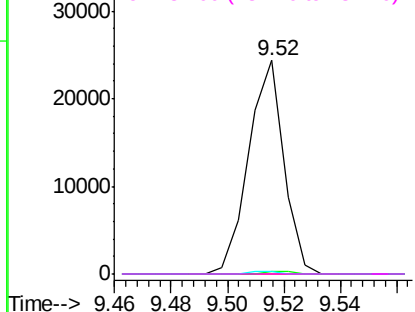
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

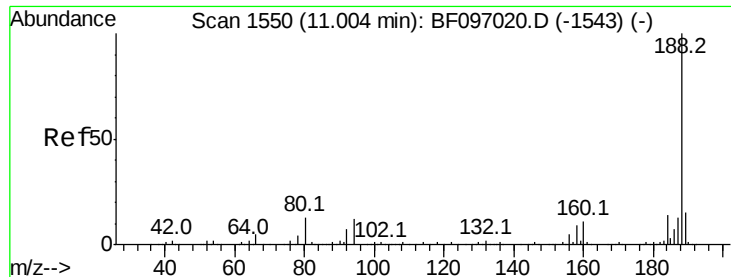


#56
2,4-Dinitrotoluene
Concen: 6.895 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Tgt Ion:165 Resp: 21096
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.4 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

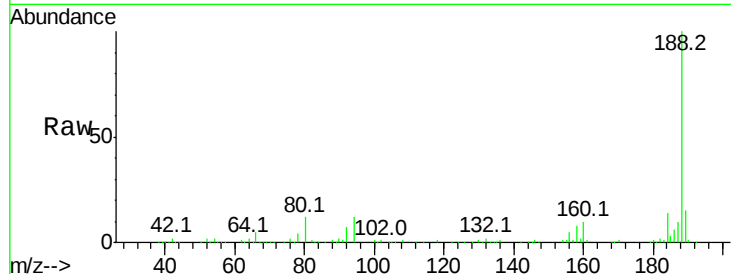




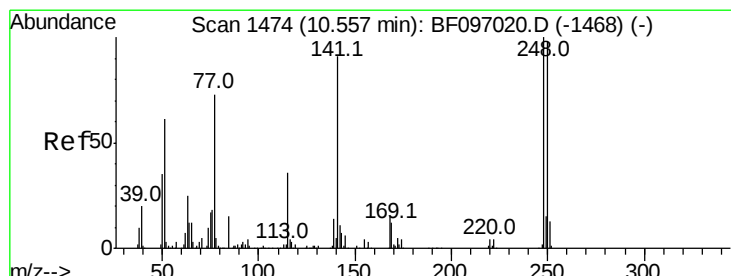
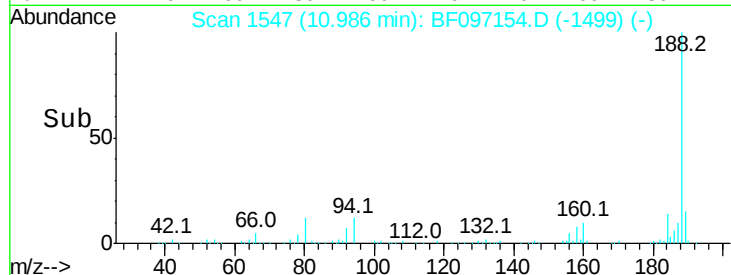
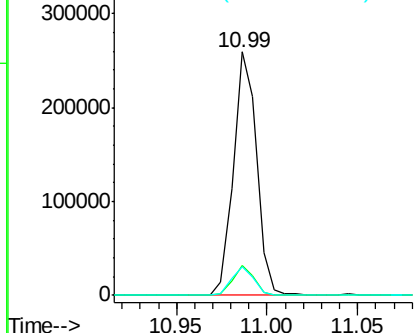
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Instrument :
BNA_F
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:188 Resp: 232303
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 11.8 10.2 15.2

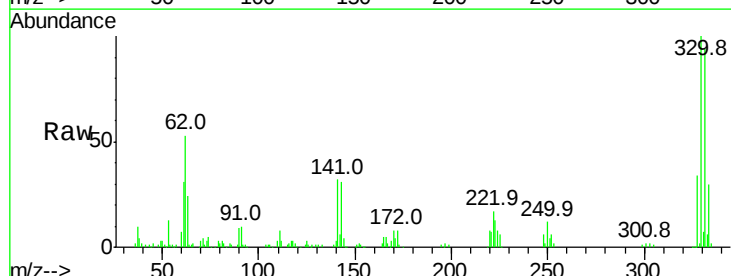


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

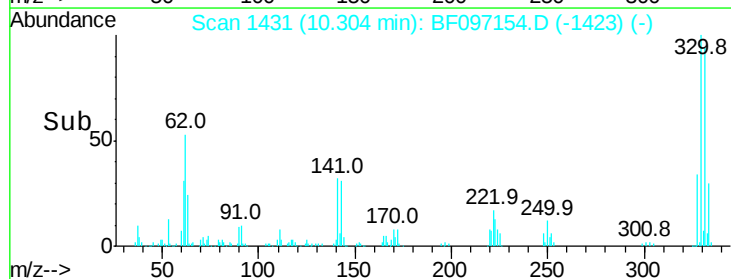
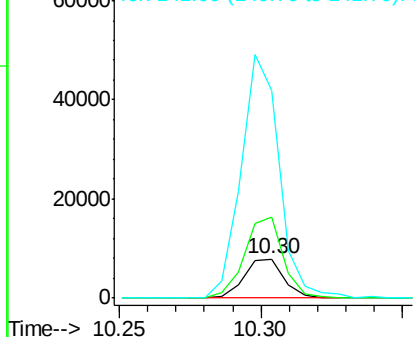


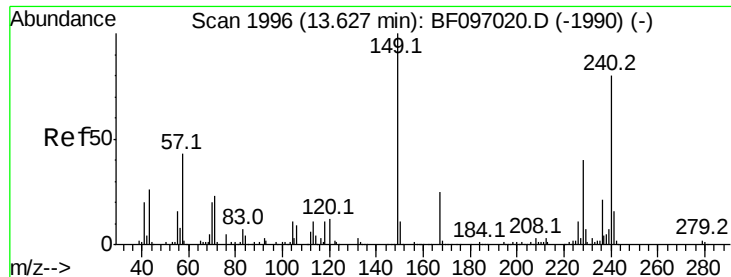
#66
4-Bromophenyl-phenylether
Concen: 3.292 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Tgt Ion:248 Resp: 7631
Ion Ratio Lower Upper
248 100
250 208.3 76.8 115.2#
141 534.8 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: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

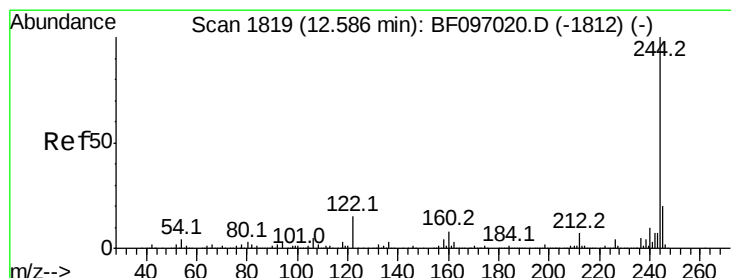
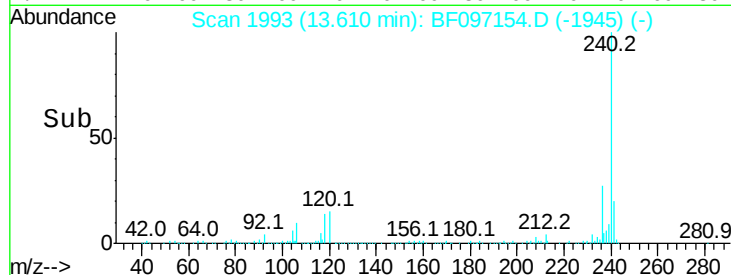
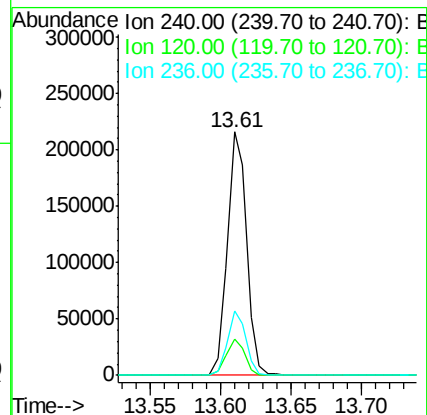
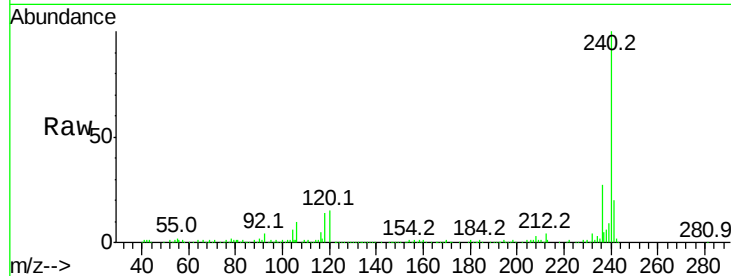
Tot Ion:240 Resp: 203964

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

236 26.5 20.5 30.7



#78

Terphenyl-d14

Concen: 46.983 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

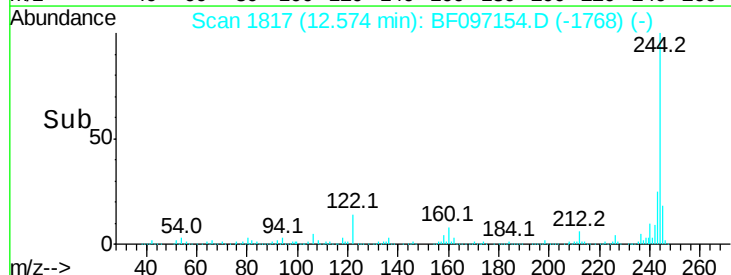
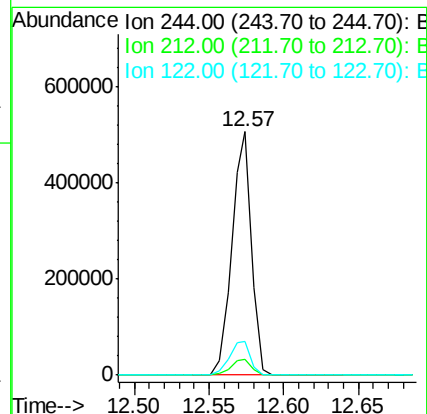
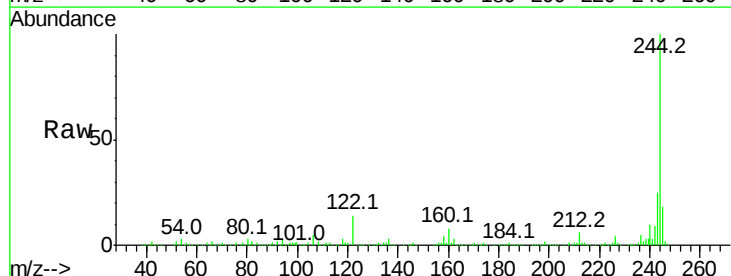
Tgt Ion:244 Resp: 470010

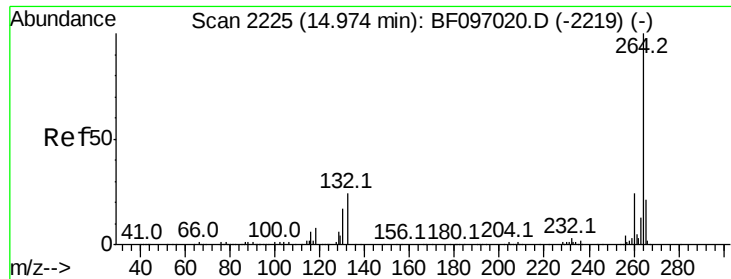
Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

122 13.9 10.3 15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Instrument :
BNA_F
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.2	25.8

