

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097540.D
 Acq On : 10 Aug 2017 2:39
 Operator : SJ/JU
 Sample : I4677-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-BASE

Quant Time: Aug 10 04:42:42 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

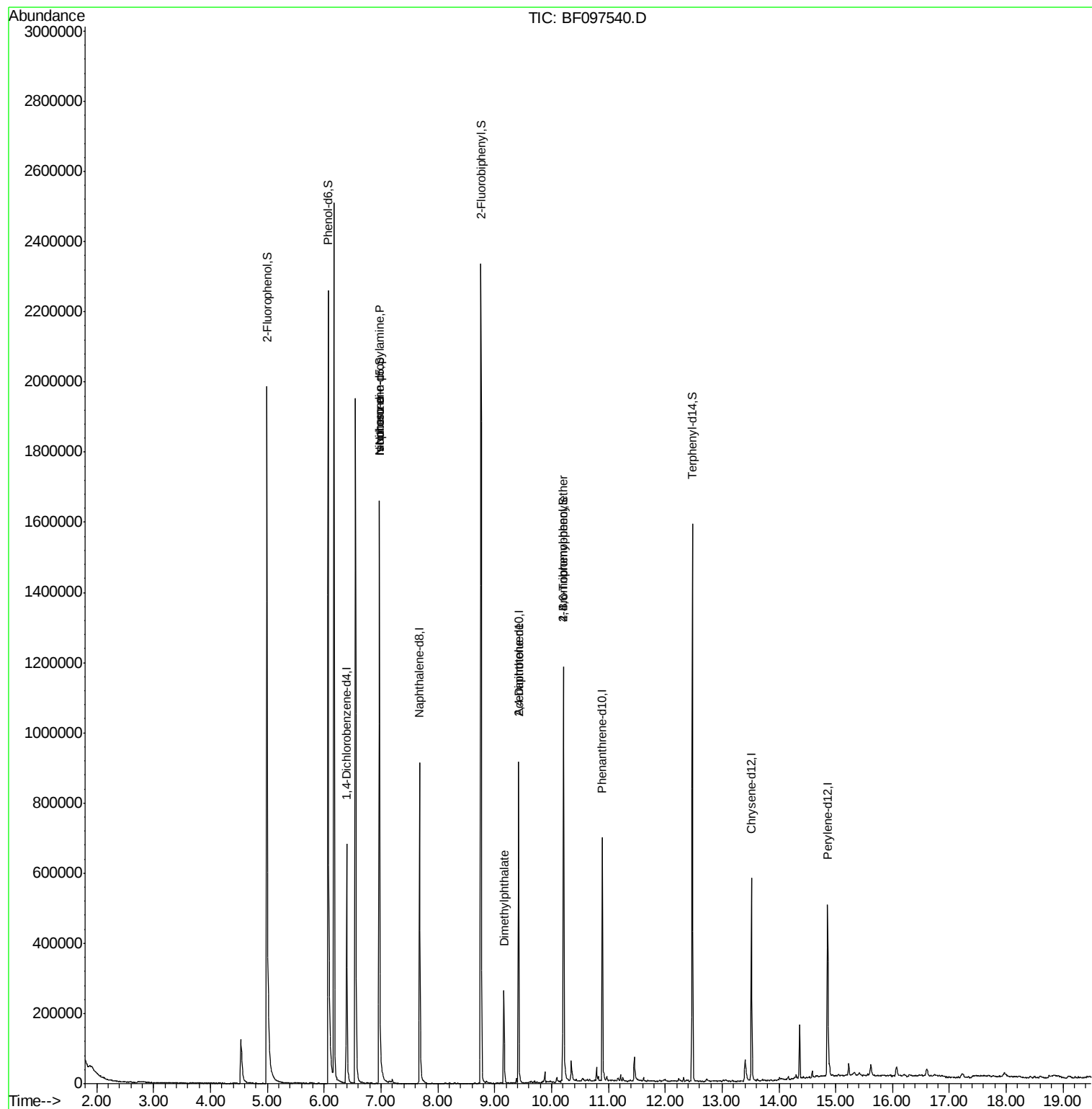
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	112591	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	468570	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	176757	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	268962	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	208967	20.00	ng	-0.02
86) Perylene-d12	14.86	264	189676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	706191	94.55	ng	-0.01
7) Phenol-d6	6.07	99	941247	110.39	ng	-0.02
23) Nitrobenzene-d5	6.97	82	557326	69.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	143404	102.68	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	796930	76.52	ng	-0.02
78) Terphenyl-d14	12.48	244	518329	50.57	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	75259	13.41	ng	# 88
25) Isophorone	6.97	82	557322	35.63	ng	# 67
49) Dimethylphthalate	9.16	163	119754	8.92	ng	97
56) 2,4-Dinitrotoluene	9.42	165	22457	6.86	ng	# 32
66) 4-Bromophenyl-phenylether	10.21	248	9238	3.44	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: BF097540.D

Acq: 10 Aug 2017 2:39

Instrument :

BNA_F

ClientSampleId :

E2-F9-BASE

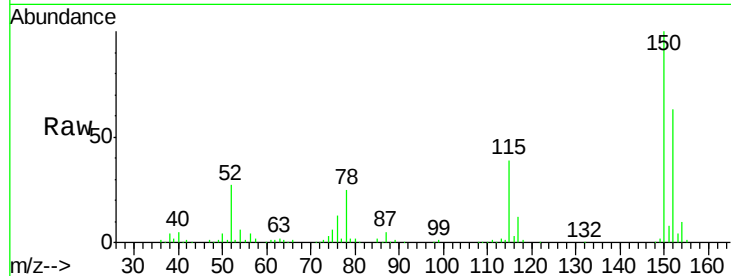
Tot Ion:152 Resp: 112591

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

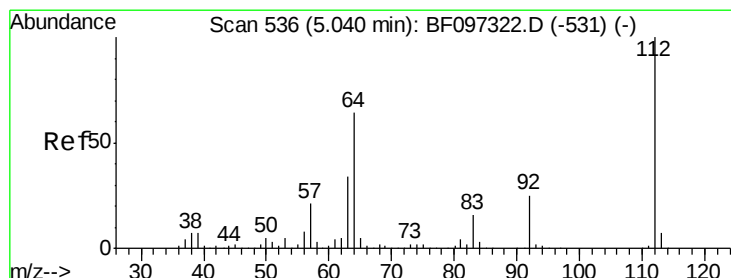
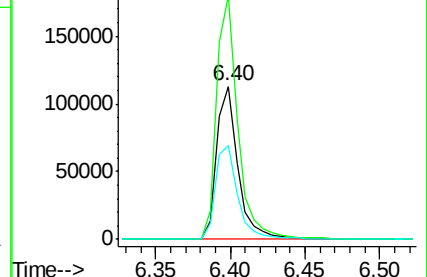
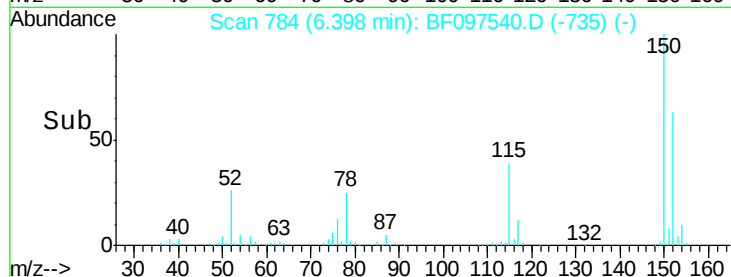
115 61.4 52.2 78.2



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: 94.55 ng

RT: 4.99 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

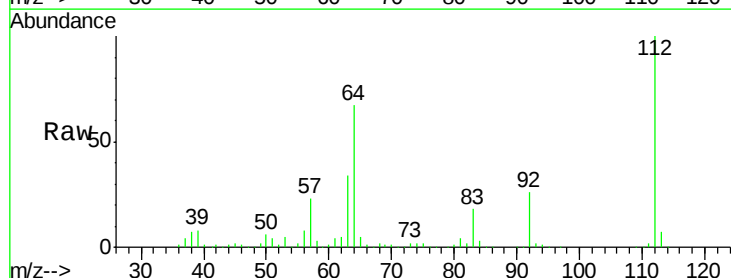
Tgt Ion:112 Resp: 706191

Ion Ratio Lower Upper

112 100

64 67.0 46.0 69.0

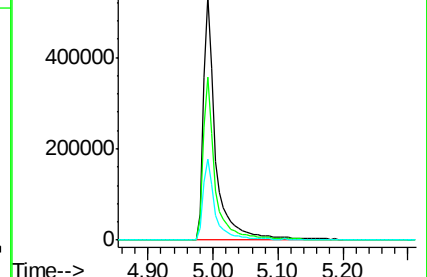
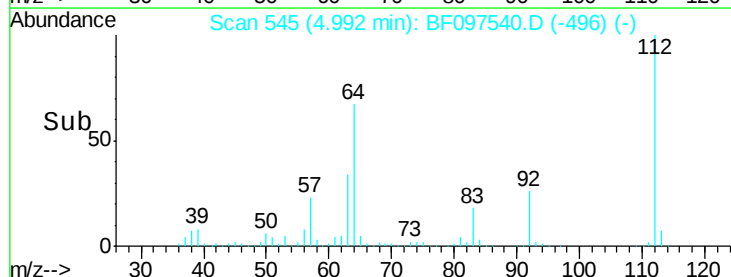
63 33.5 23.4 35.0

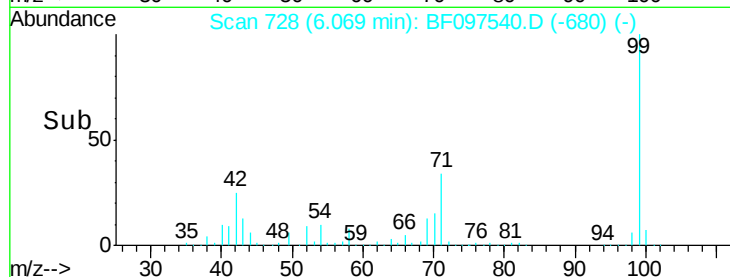
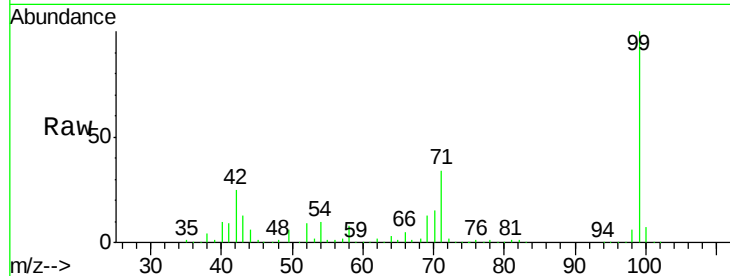
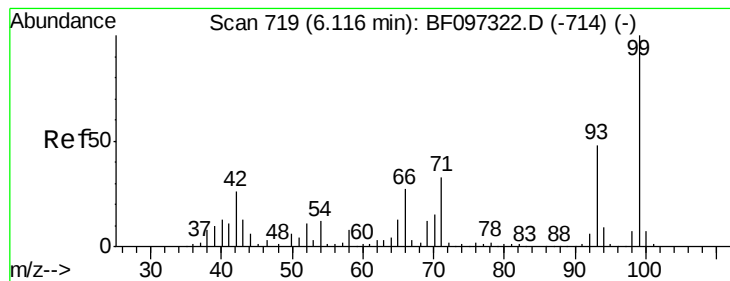


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.39 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

Instrument :

BNA_F

ClientSampled :

E2-F9-BASE

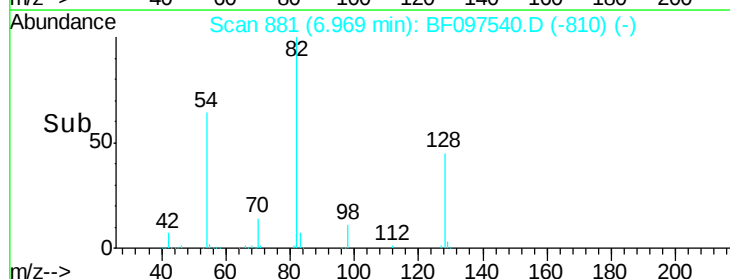
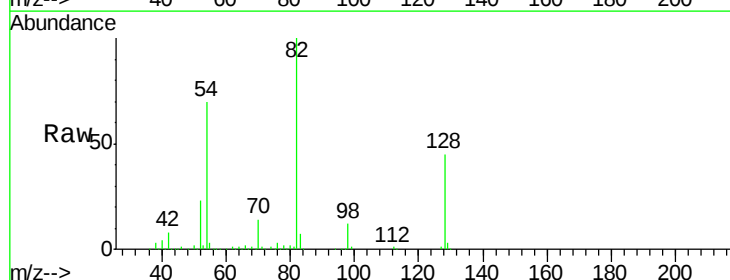
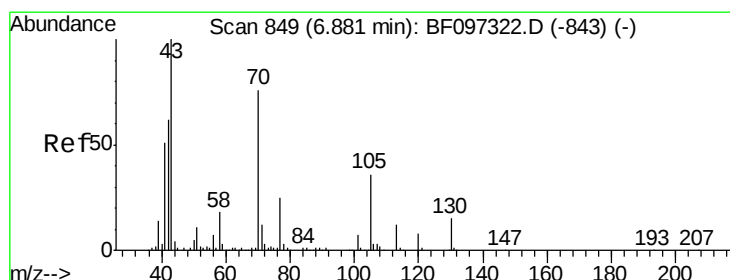
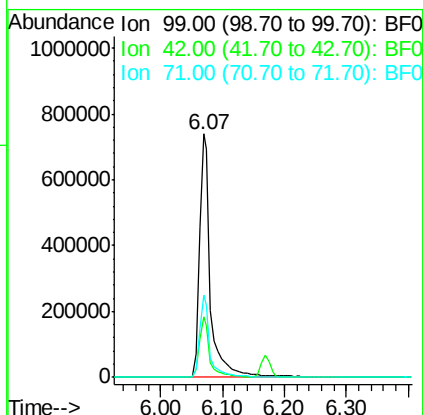
Tot Ion: 99 Resp: 941247

Ion Ratio Lower Upper

99 100

42 24.9 13.5 20.3#

71 33.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.41 ng

RT: 6.97 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

Tgt Ion: 70 Resp: 75259

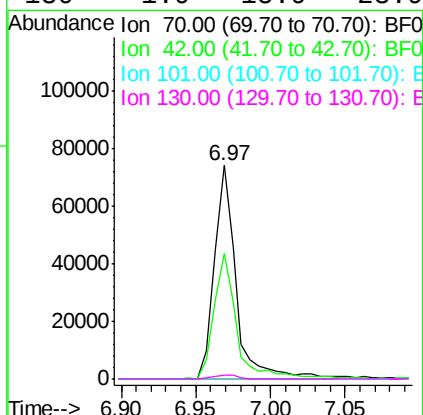
Ion Ratio Lower Upper

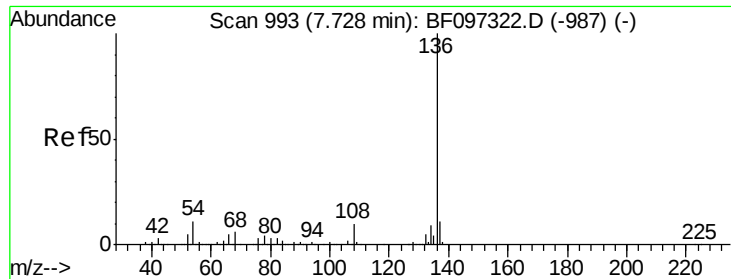
70 100

42 58.5 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

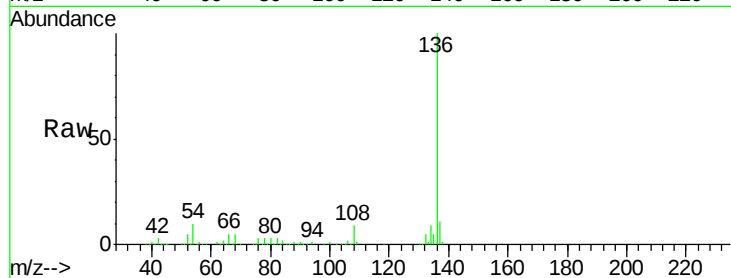




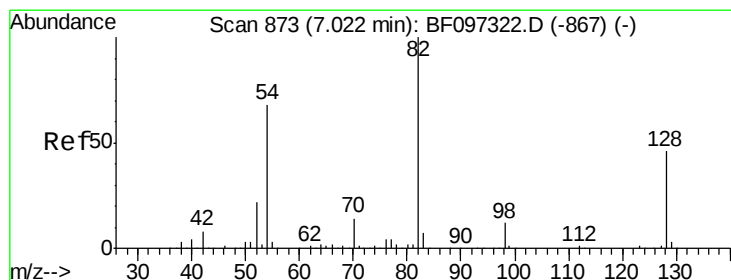
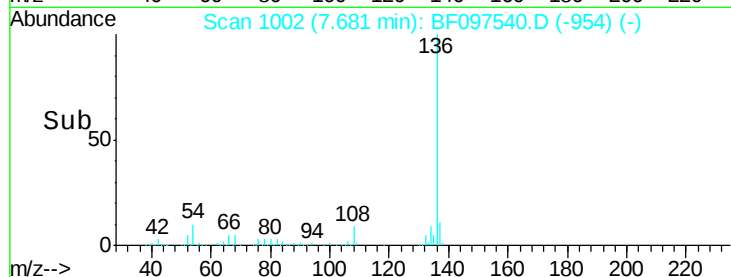
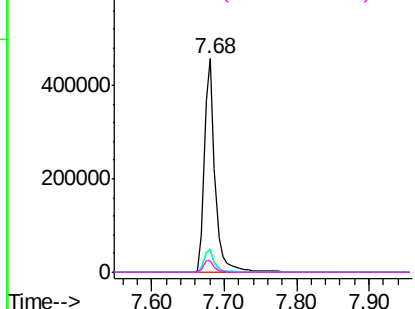
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097540.D
Acq: 10 Aug 2017 2:39

Instrument :
BNA_F
ClientSampleId :
E2-F9-BASE

Tot Ion:136	Resp:	468570
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	10.1	4.9 7.3#
68	5.5	4.1 6.1

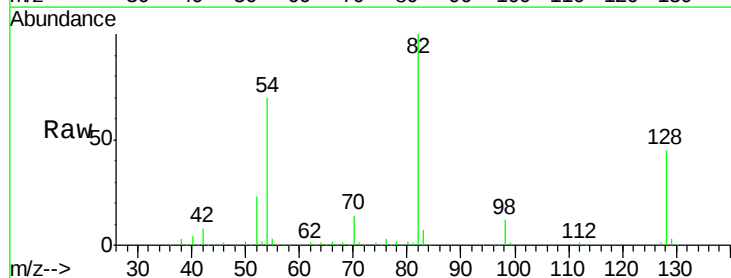


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

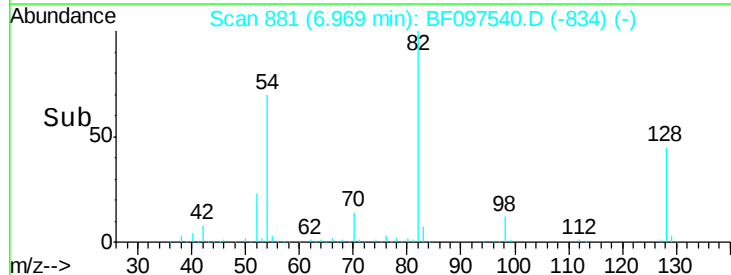
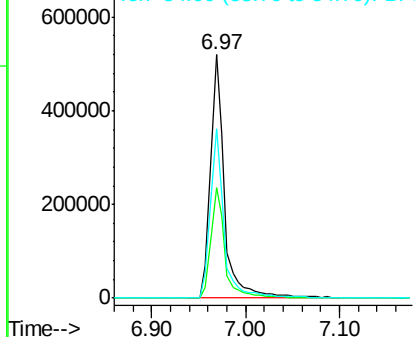


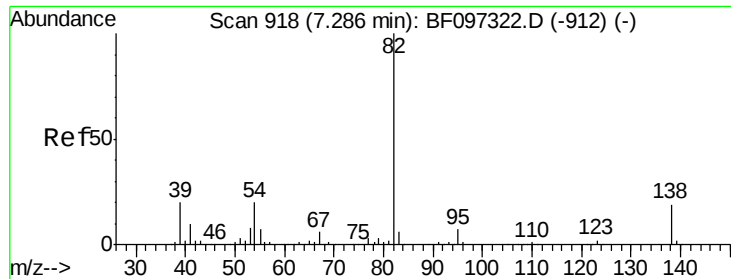
#23
Nitrobenzene-d5
Concen: 69.78 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097540.D
Acq: 10 Aug 2017 2:39

Tgt Ion: 82	Resp:	557326
Ion Ratio	Lower	Upper
82	100	
128	45.5	34.0 51.0
54	69.7	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: 35.63 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

Instrument :

BNA_F

ClientSampleId :

E2-F9-BASE

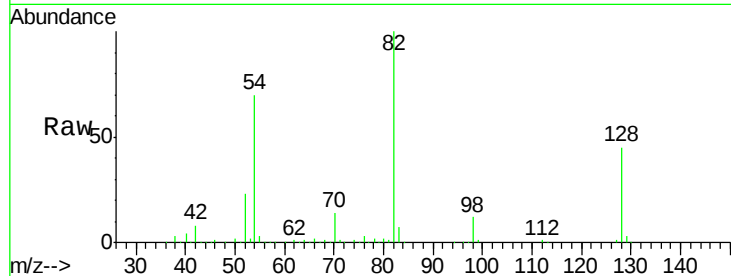
Tot Ion: 82 Resp: 557322

Ion Ratio Lower Upper

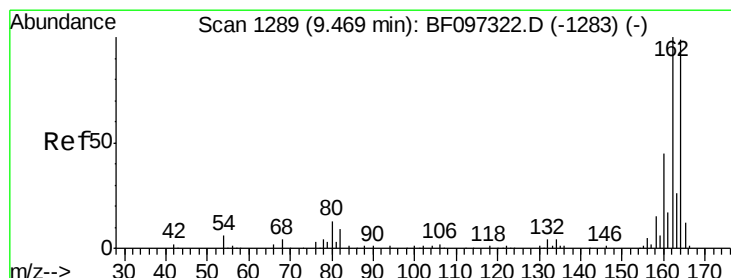
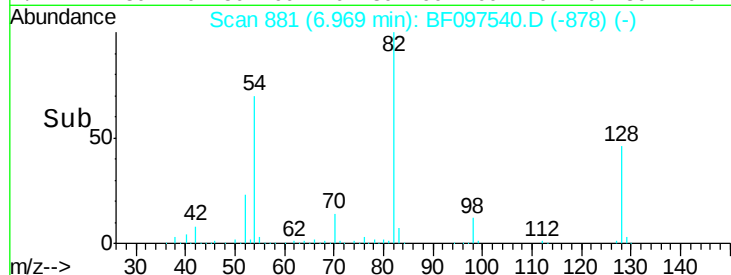
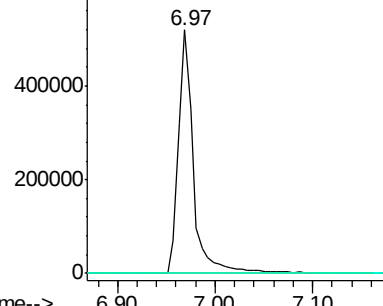
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

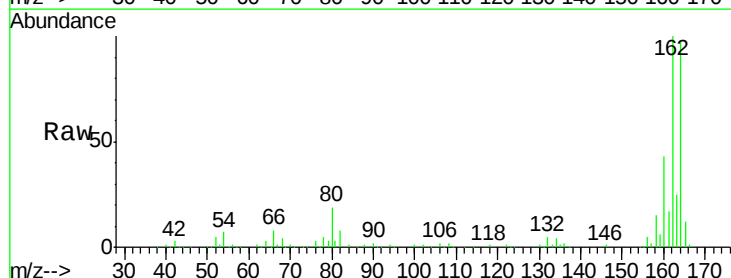
Tgt Ion: 164 Resp: 176757

Ion Ratio Lower Upper

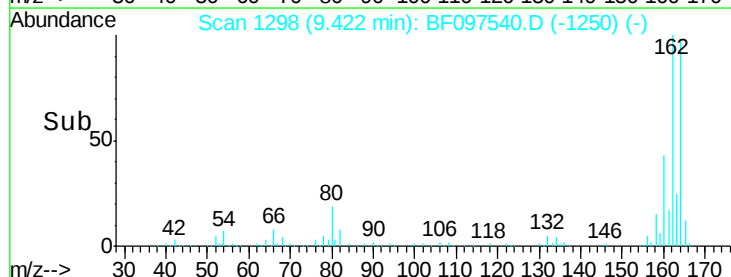
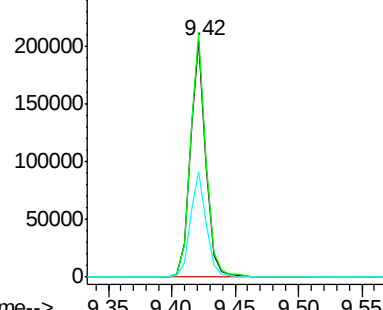
164 100

162 103.2 82.6 123.8

160 44.8 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

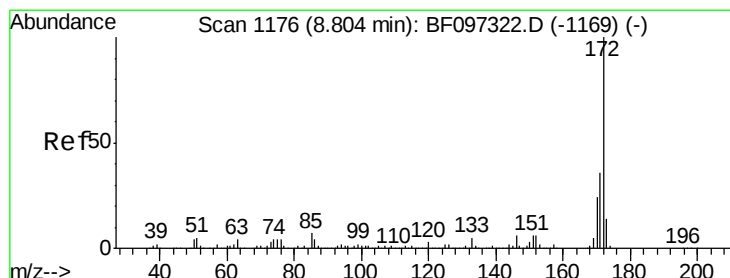
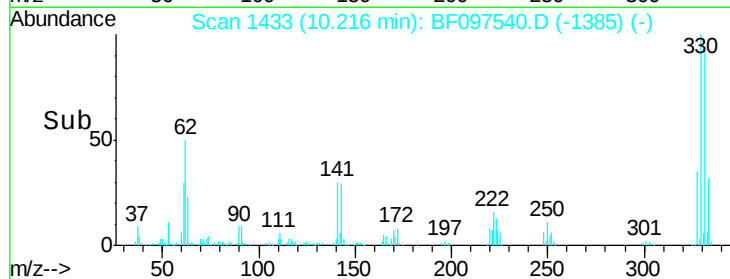
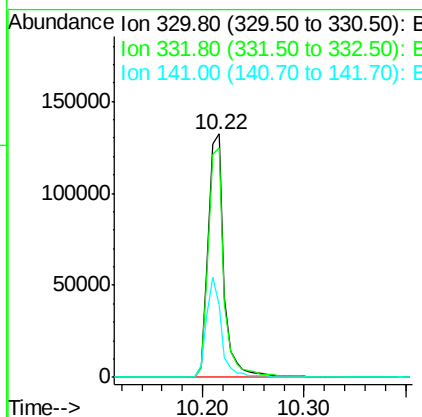
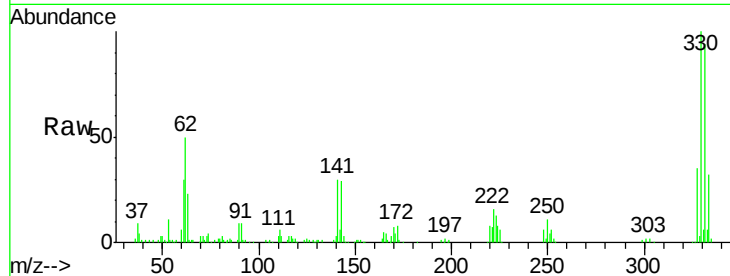




#41
 2,4,6-Tribromophenol
 Concen: 102.68 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097540.D
 Acq: 10 Aug 2017 2:39

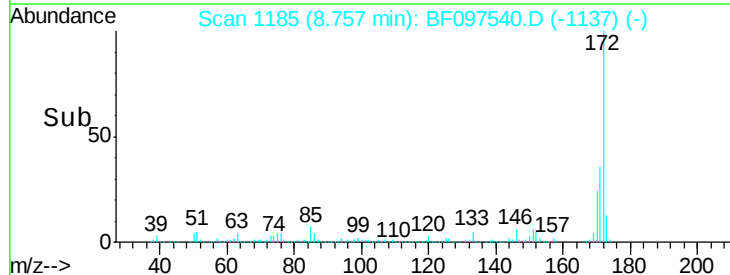
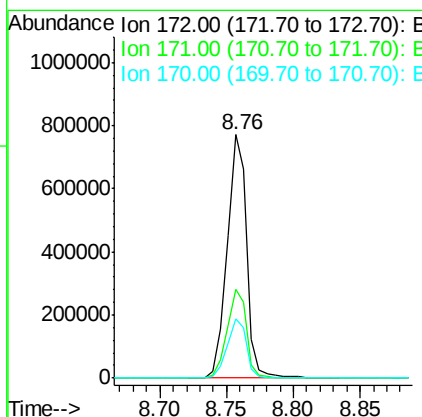
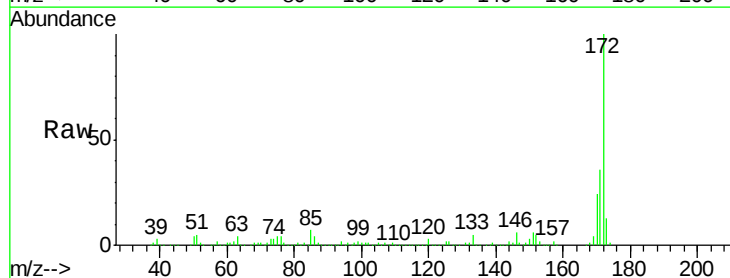
Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-BASE

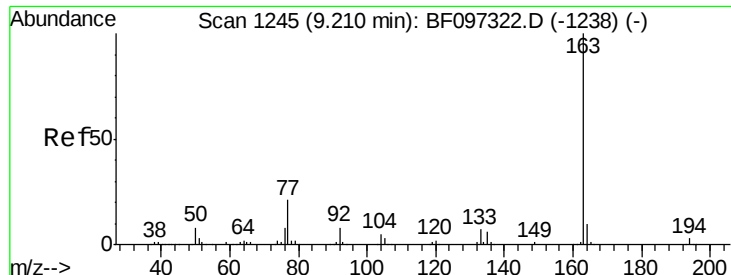
Tot Ion:330 Resp: 143404
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 38.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 76.52 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097540.D
 Acq: 10 Aug 2017 2:39

Tgt Ion:172 Resp: 796930
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.3 19.8 29.8

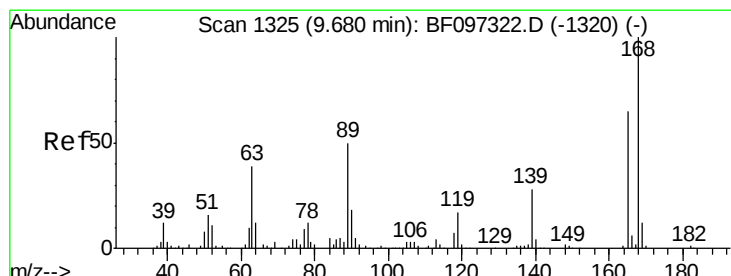
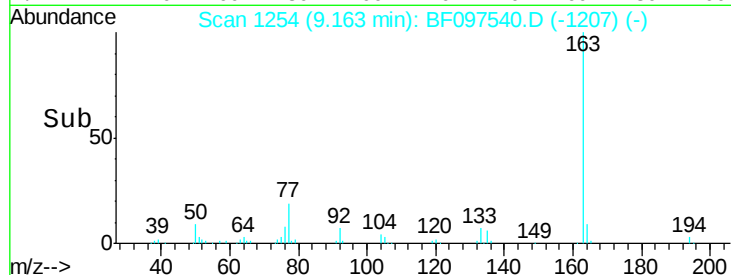
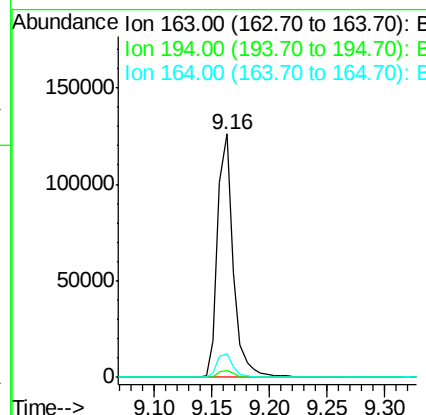
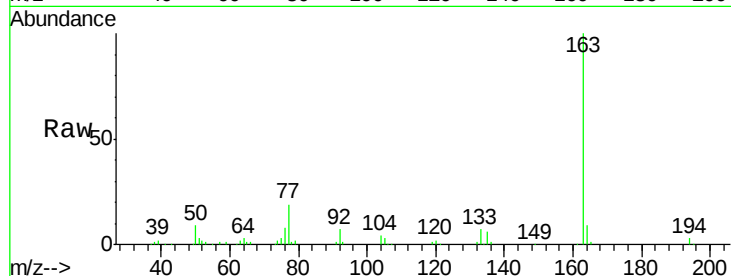




#49
Dimethylphthalate
Concen: 8.92 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097540.D
Acq: 10 Aug 2017 2:39

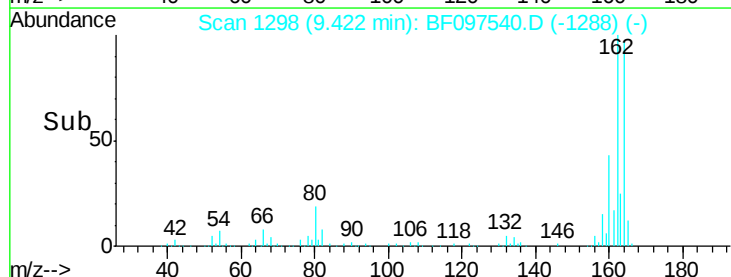
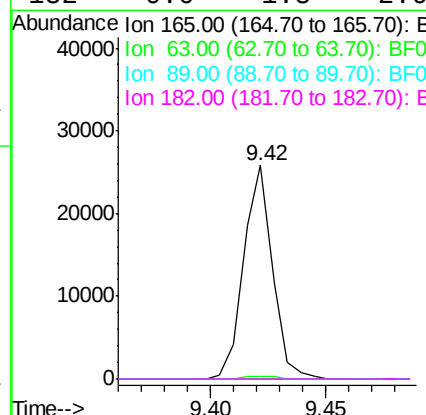
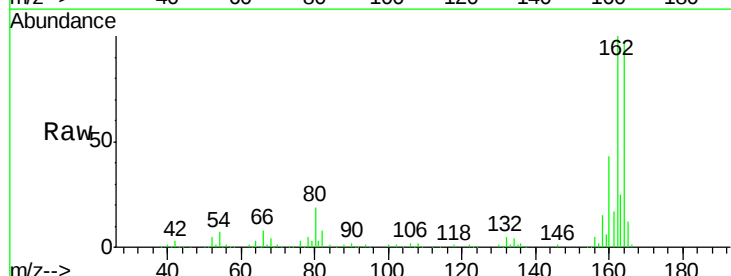
Instrument :
BNA_F
ClientSampleId :
E2-F9-BASE

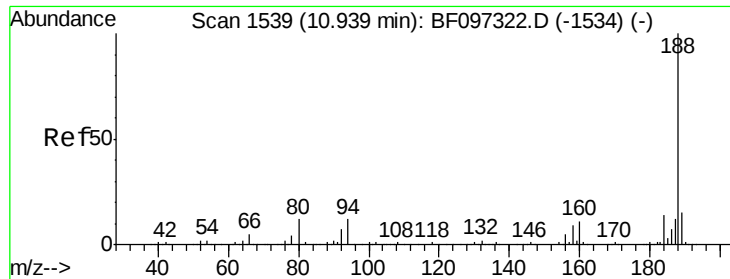
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.4	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097540.D
Acq: 10 Aug 2017 2:39

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

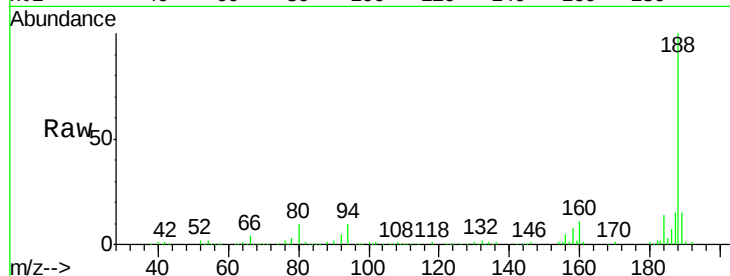




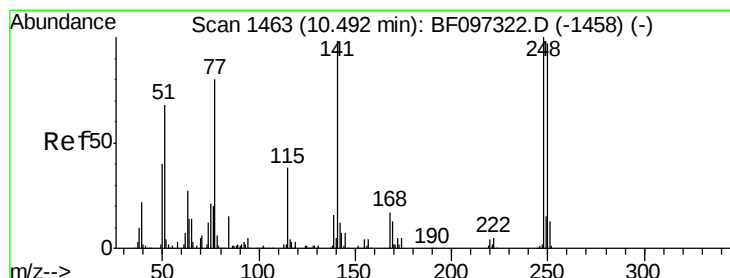
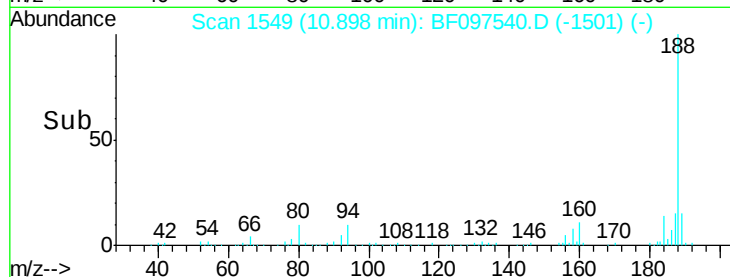
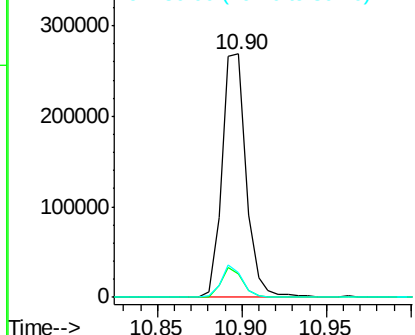
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097540.D
Acq: 10 Aug 2017 2:39

Instrument :
BNA_F
ClientSampleId :
E2-F9-BASE

Tot Ion:188 Resp: 268962
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.2 10.2 15.2#

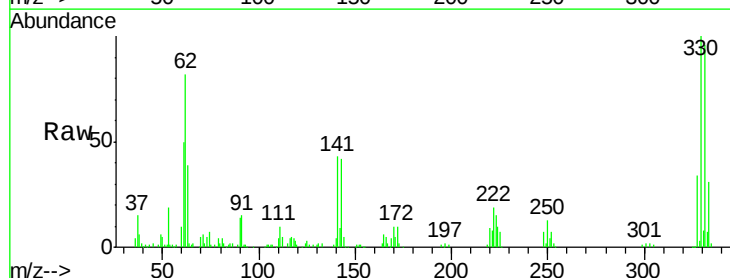


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

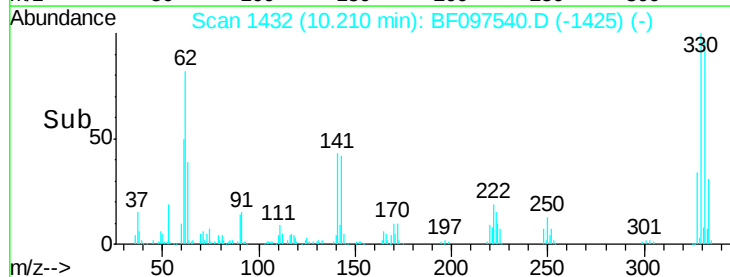
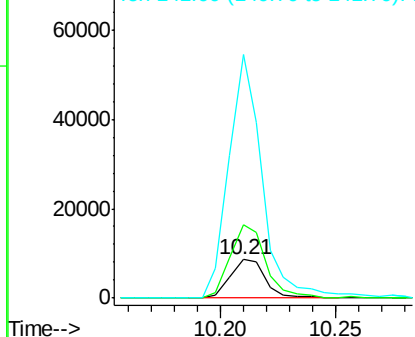


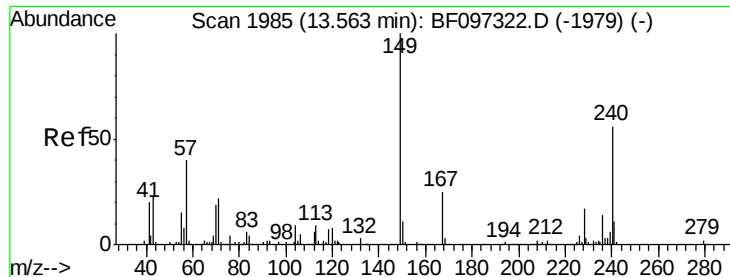
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097540.D
Acq: 10 Aug 2017 2:39

Tgt Ion:248 Resp: 9238
Ion Ratio Lower Upper
248 100
250 188.8 76.8 115.2#
141 629.4 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: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

Instrument :

BNA_F

ClientSampleId :

E2-F9-BASE

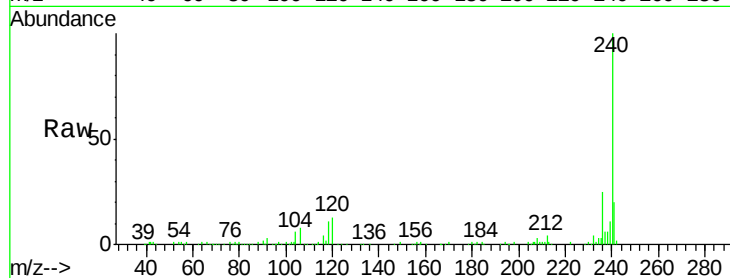
Tot Ion:240 Resp: 208967

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

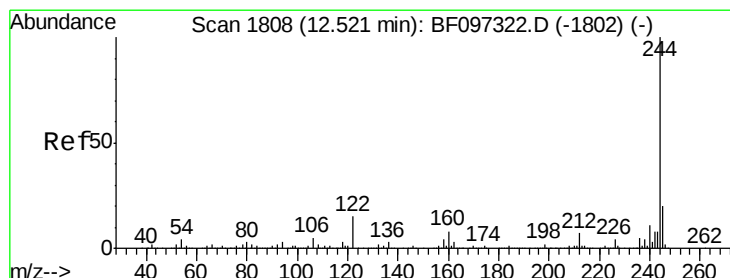
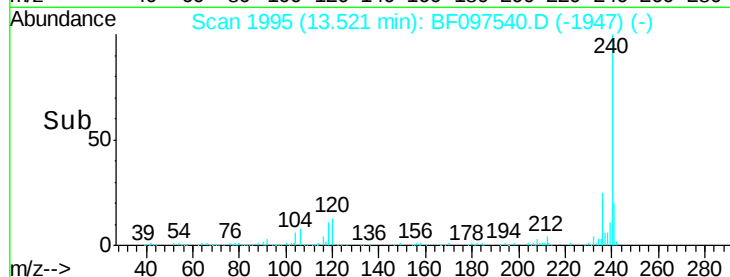
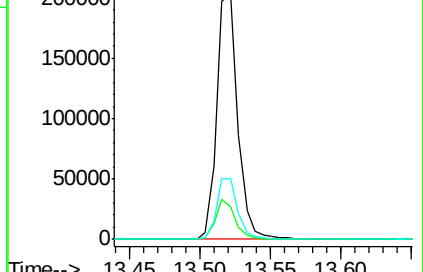
236 25.1 20.5 30.7



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: 50.57 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097540.D

Acq: 10 Aug 2017 2:39

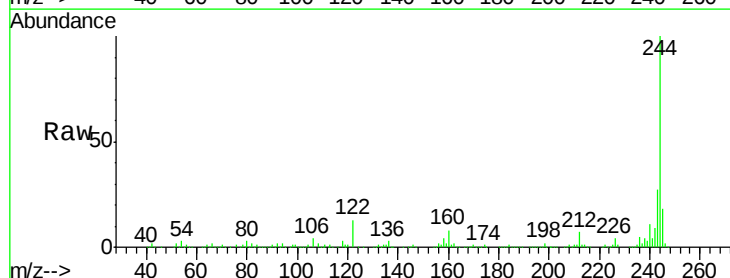
Tgt Ion:244 Resp: 518329

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

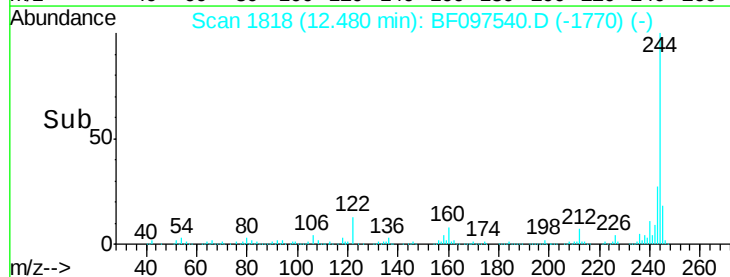
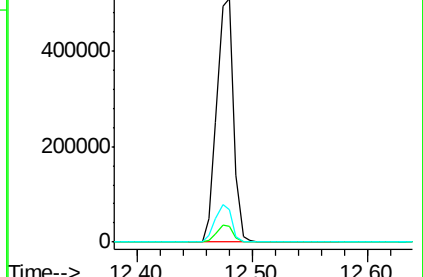
122 13.4 10.3 15.5

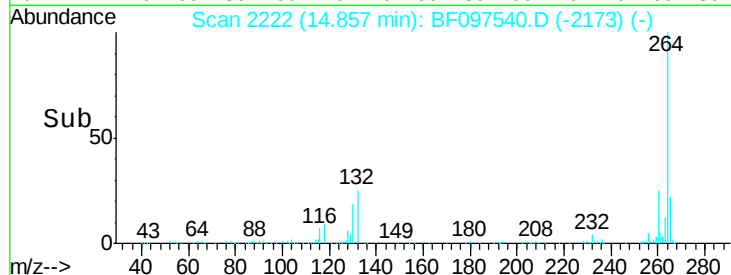
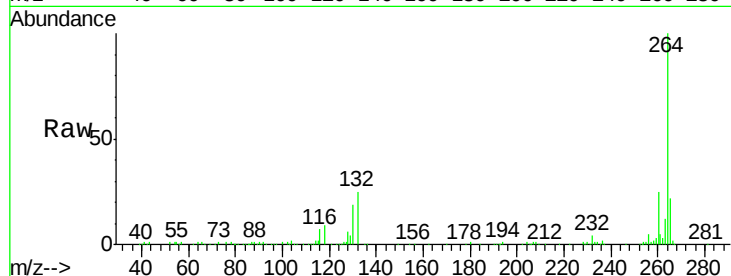
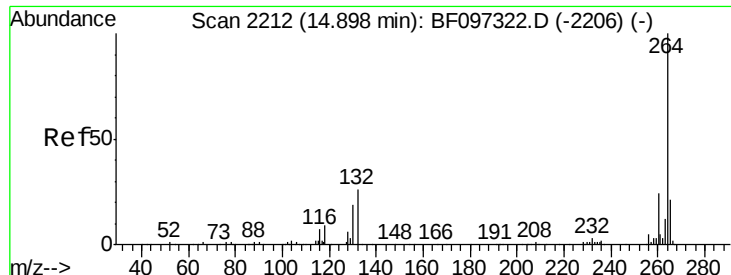


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097540.D
 Acq: 10 Aug 2017 2:39

Instrument :
 BNA_F
 ClientSampleId :
 E2-F9-BASE

Tot Ion:	264	Resp:	189676
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.0	17.2	25.8

