

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097542.D
 Acq On : 10 Aug 2017 3:35
 Operator : SJ/JU
 Sample : I4646-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

Quant Time: Aug 10 04:43:29 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

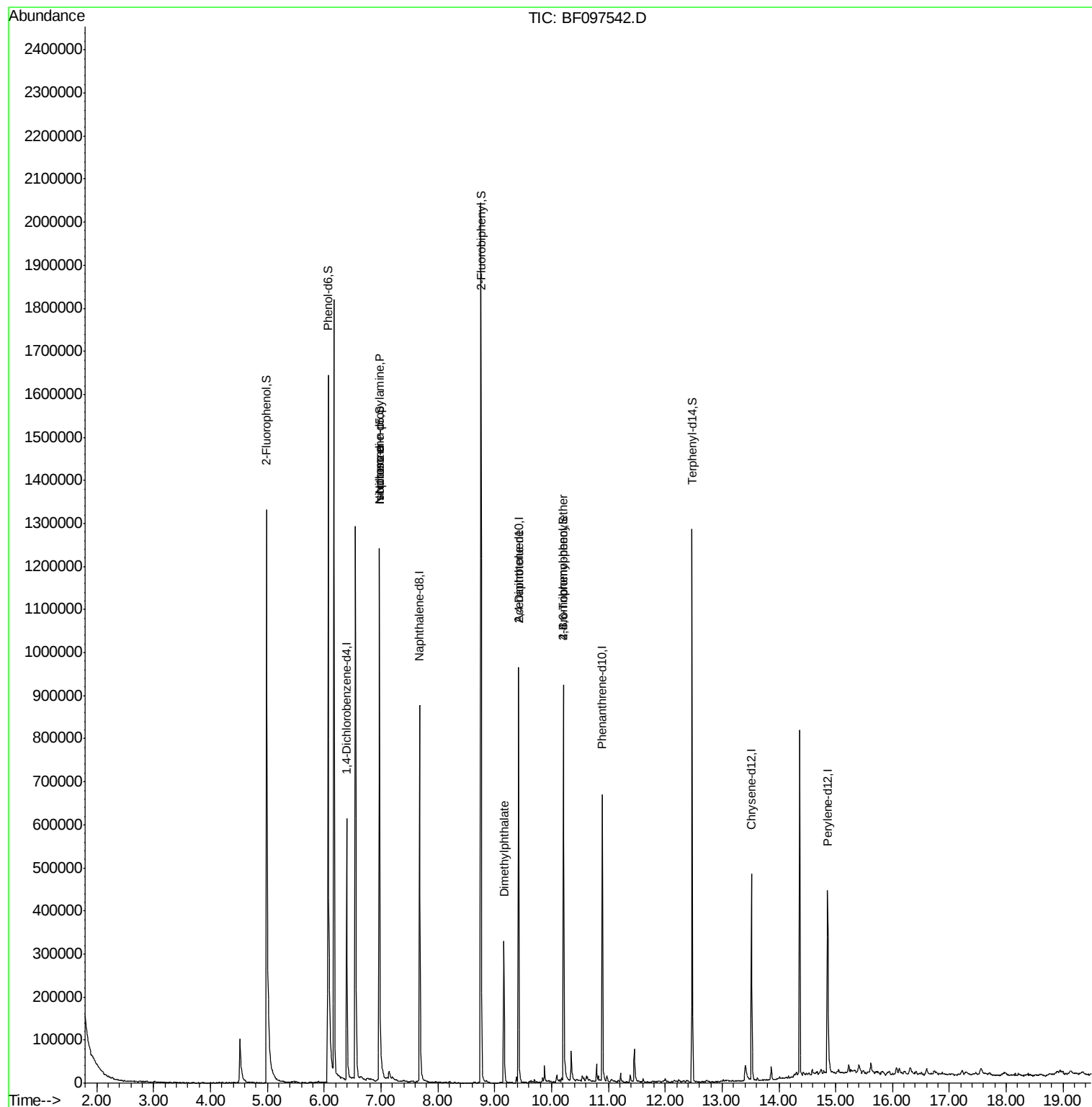
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	105917	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	428910	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186753	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	262009	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	174036	20.00	ng	-0.02
86) Perylene-d12	14.86	264	171983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	555834	79.11	ng	-0.02
7) Phenol-d6	6.07	99	661093	82.42	ng	-0.02
23) Nitrobenzene-d5	6.97	82	396269	54.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	101290	68.65	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	624087	56.71	ng	-0.02
78) Terphenyl-d14	12.47	244	367286	43.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	51494	9.75	ng	# 86
25) Isophorone	6.97	82	396267	27.68	ng	# 67
49) Dimethylphthalate	9.16	163	138989	9.80	ng	98
56) 2,4-Dinitrotoluene	9.42	165	23303	6.74	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	6480	2.48	ng	# 1

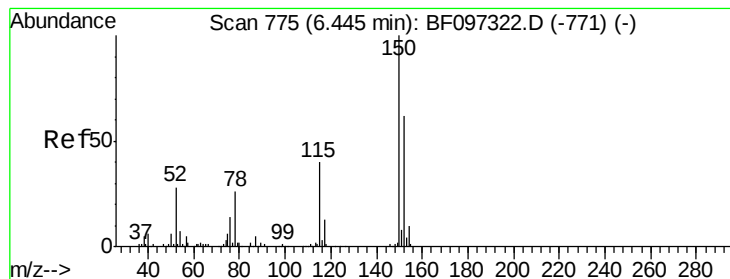
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.40 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

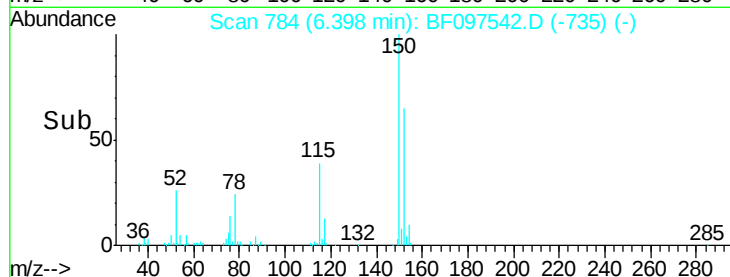
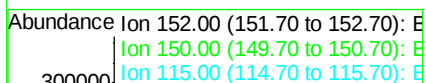
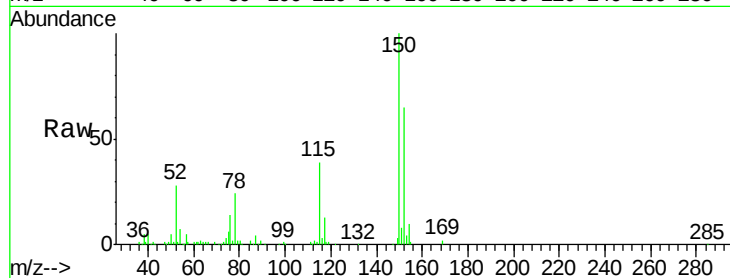
Tot Ion:152 Resp: 105917

Ion Ratio Lower Upper

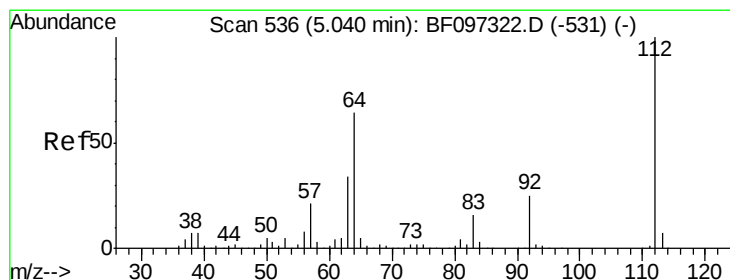
152 100

150 154.8 126.2 189.2

115 61.0 52.2 78.2



Time-->



#5

2-Fluorophenol

Concen: 79.11 ng

RT: 4.99 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

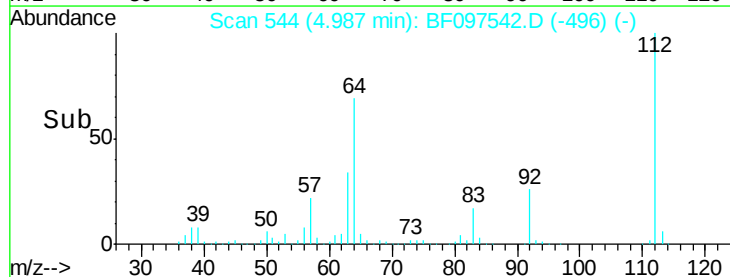
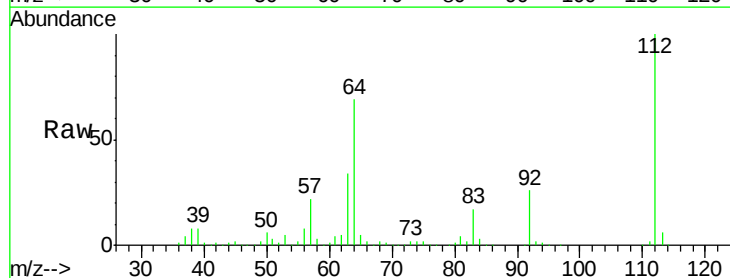
Tgt Ion:112 Resp: 555834

Ion Ratio Lower Upper

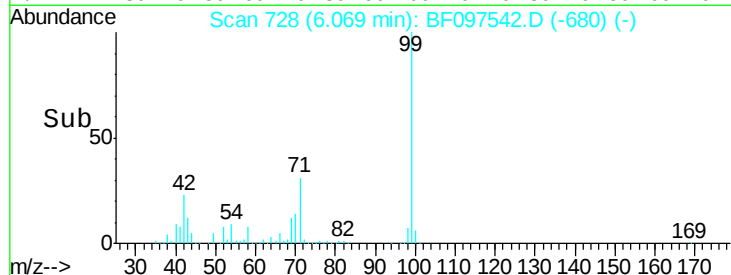
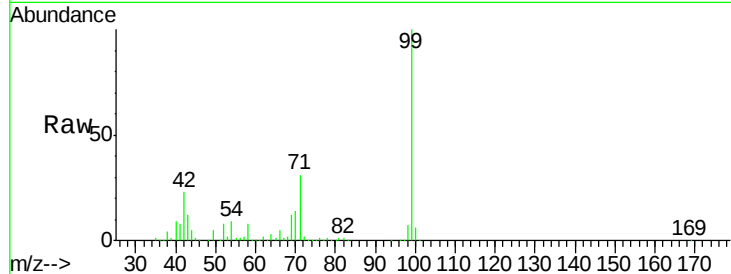
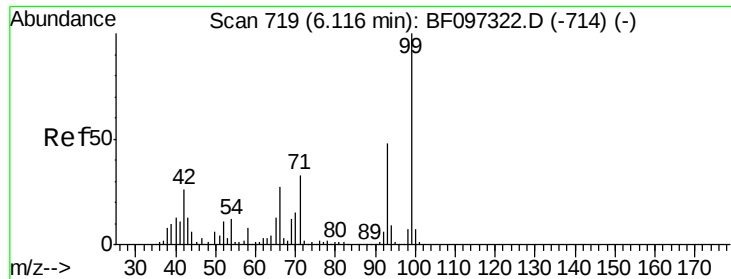
112 100

64 68.6 46.0 69.0

63 34.1 23.4 35.0



Time-->



#7

Phenol-d6

Concen: 82.42 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

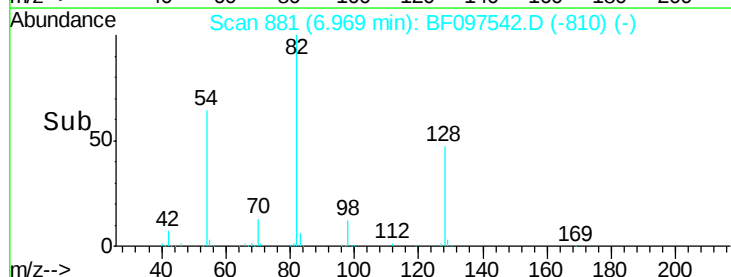
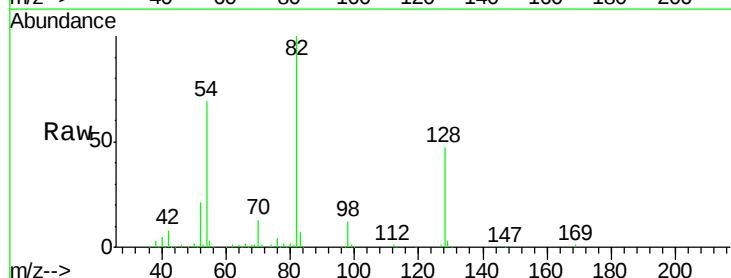
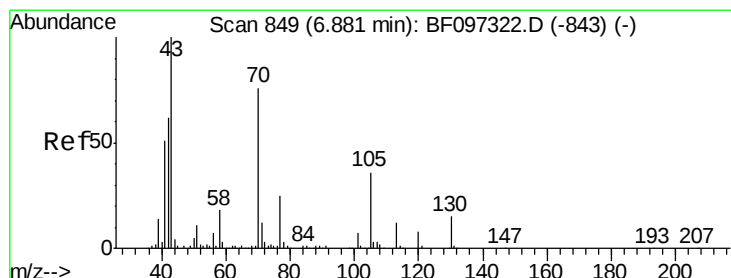
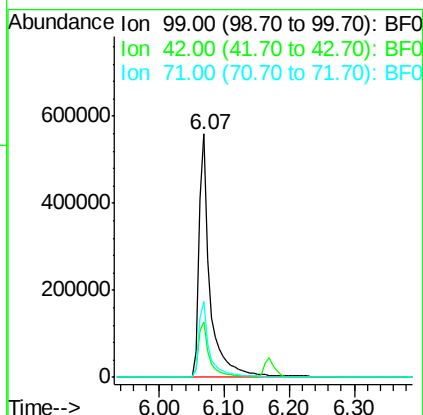
Tot Ion: 99 Resp: 661093

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

71 31.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.75 ng

RT: 6.97 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Tgt Ion: 70 Resp: 51494

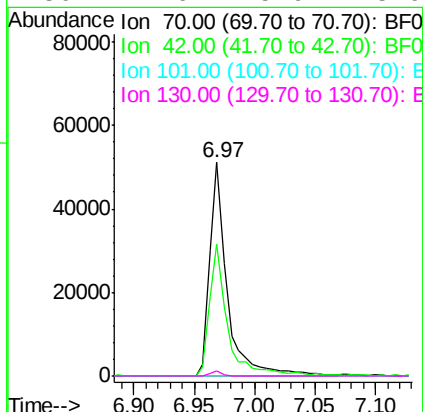
Ion Ratio Lower Upper

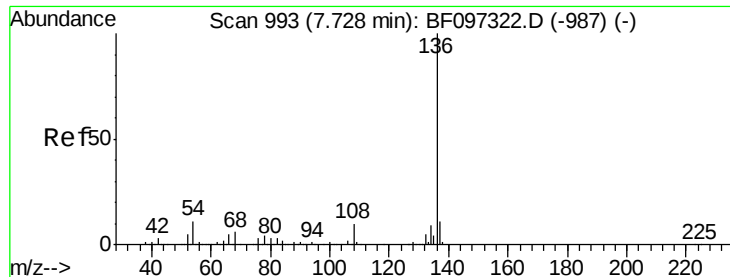
70 100

42 61.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 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: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

Tot Ion:136 Resp: 428910

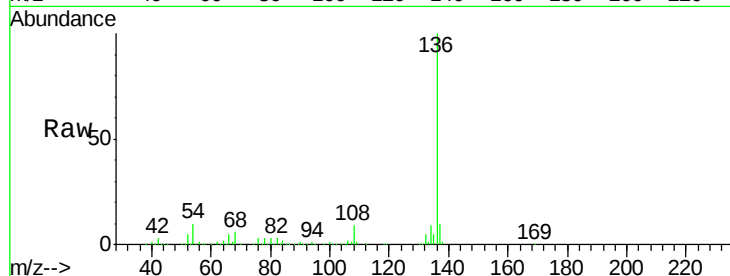
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 10.4 4.9 7.3#

68 5.5 4.1 6.1

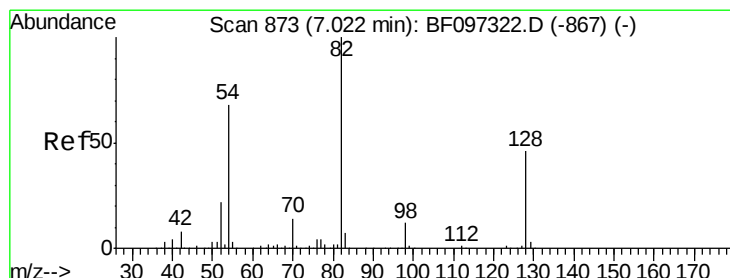
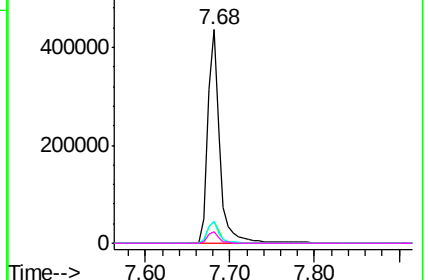
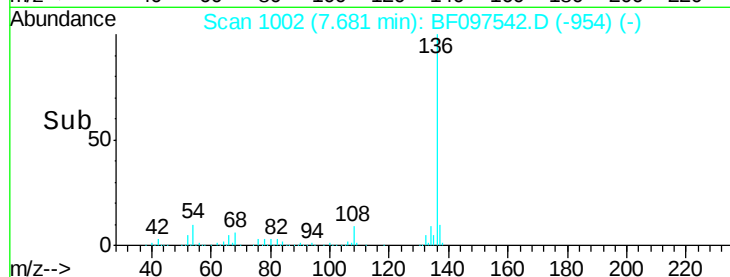


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.20 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

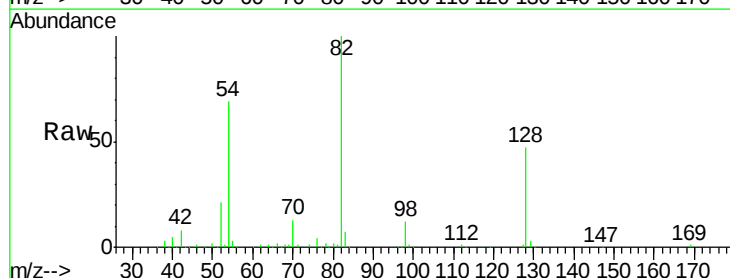
Tgt Ion: 82 Resp: 396269

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

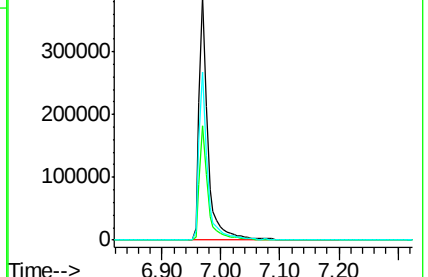
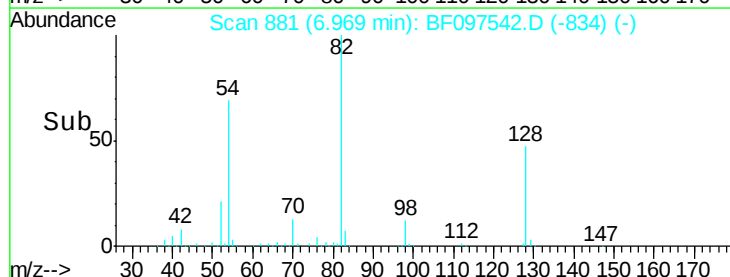
54 69.0 42.2 63.2#

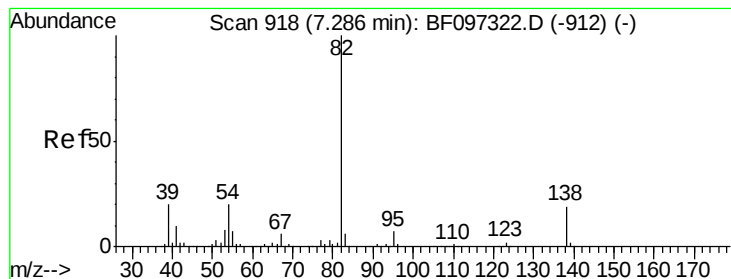


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.68 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

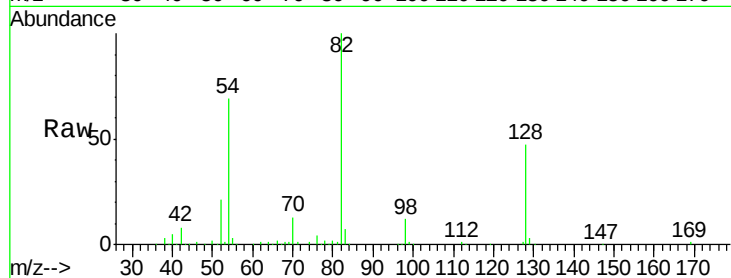
Tot Ion: 82 Resp: 396267

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

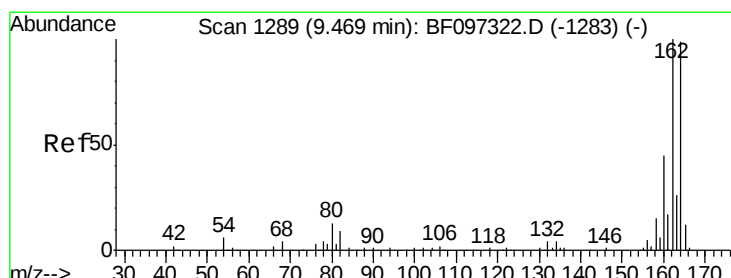
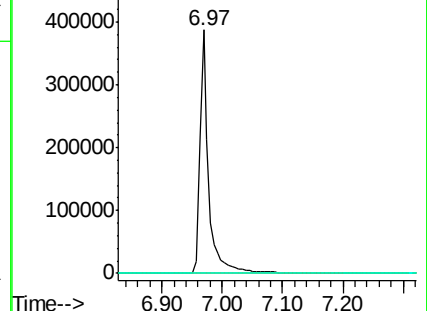
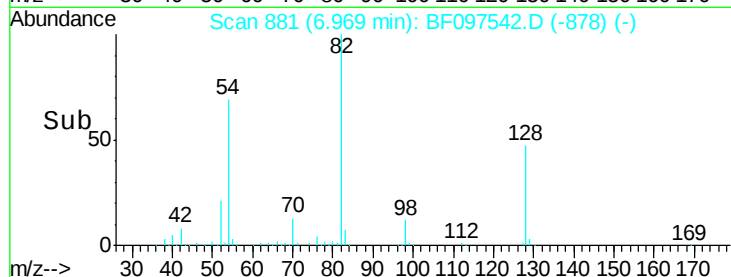
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

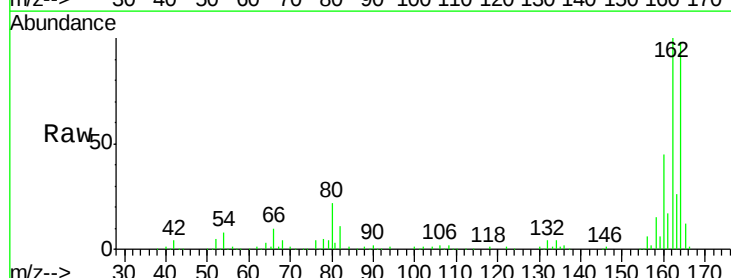
Tgt Ion: 164 Resp: 186753

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

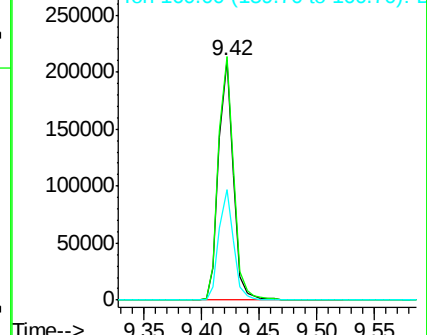
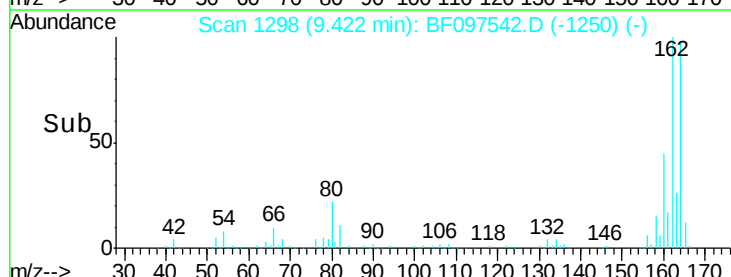
160 46.0 36.2 54.2



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

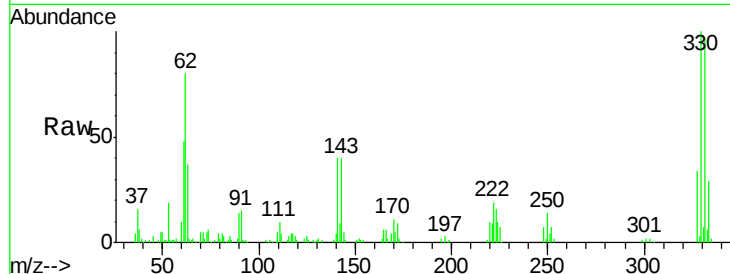




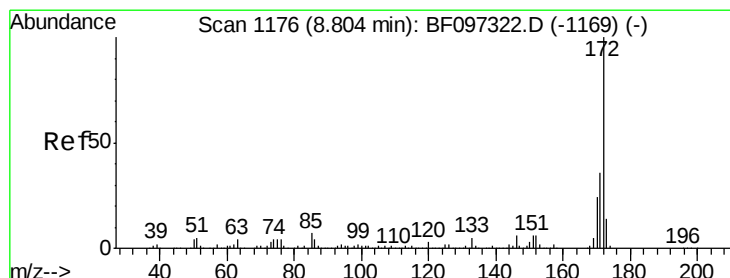
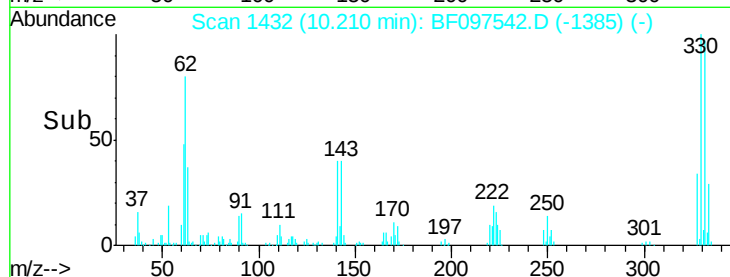
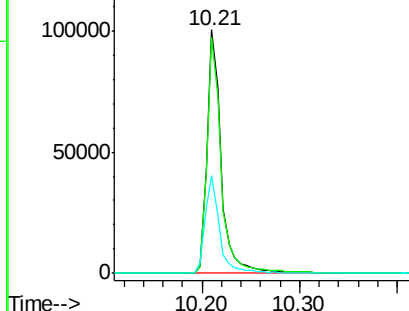
#41
 2,4,6-Tribromophenol
 Concen: 68.65 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.4	31.4	47.2

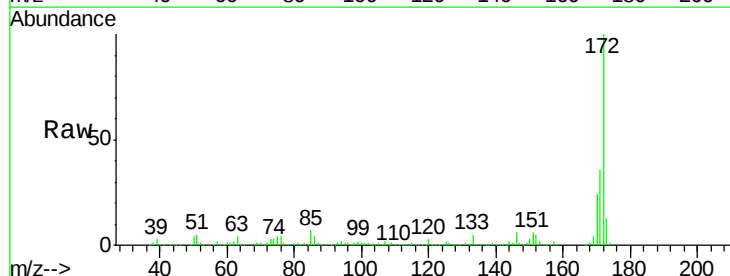


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

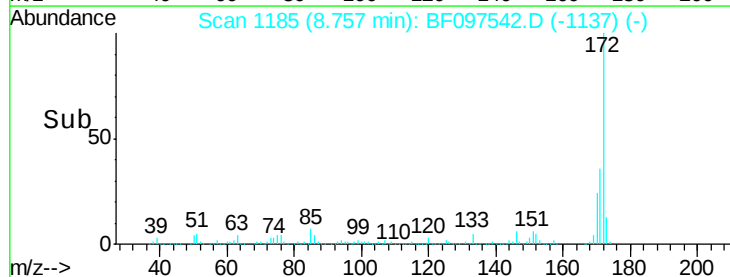
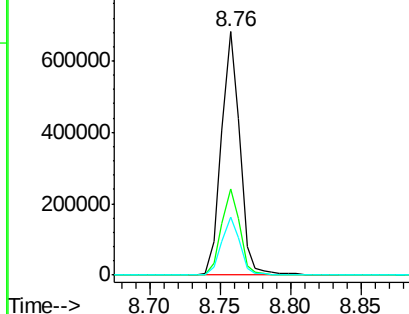


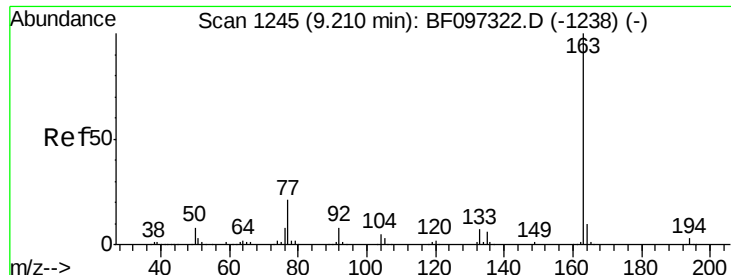
#44
 2-Fluorobiphenyl
 Concen: 56.71 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	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

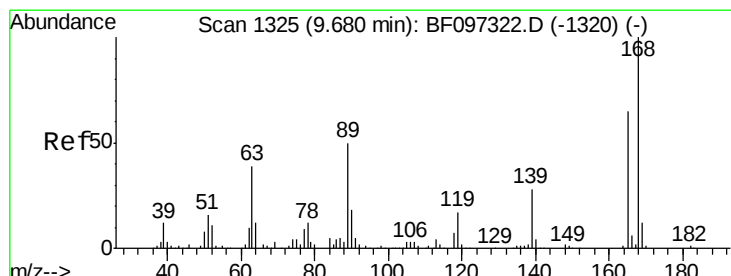
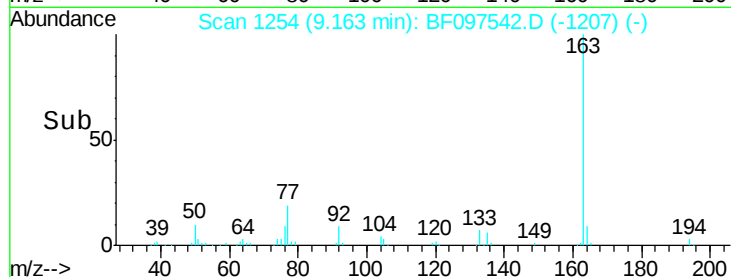
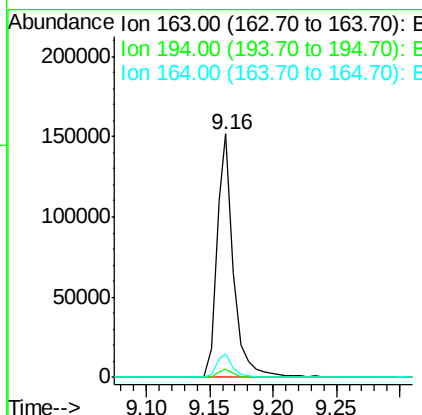
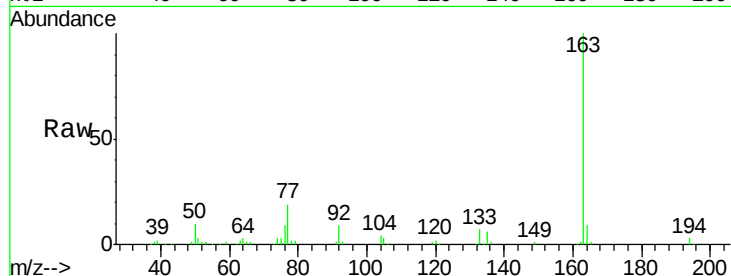




#49
Dimethylphthalate
Concen: 9.80 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

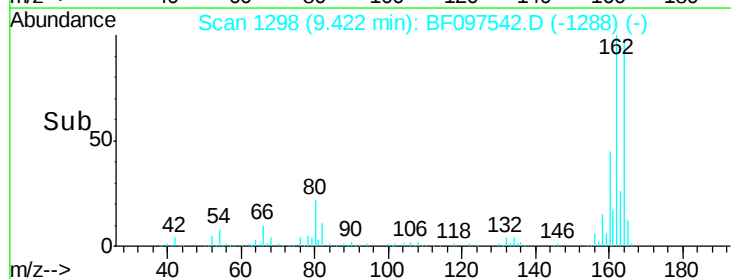
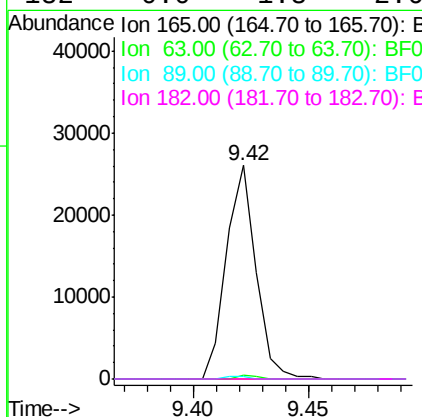
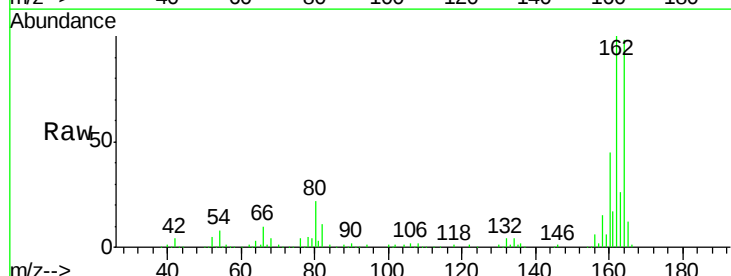
Instrument :
BNA_F
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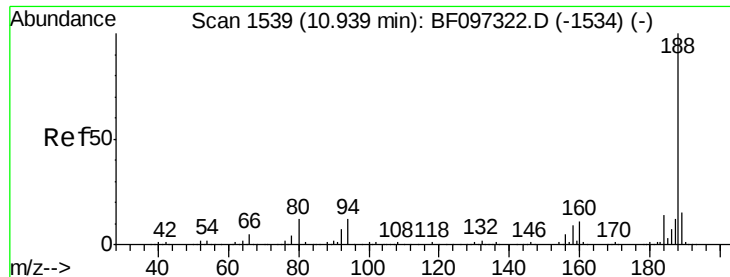
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097542.D
Acq: 10 Aug 2017 3:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

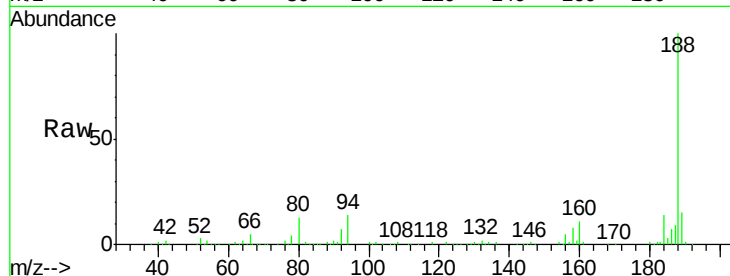




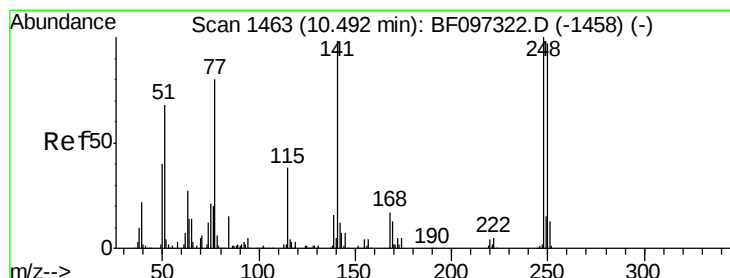
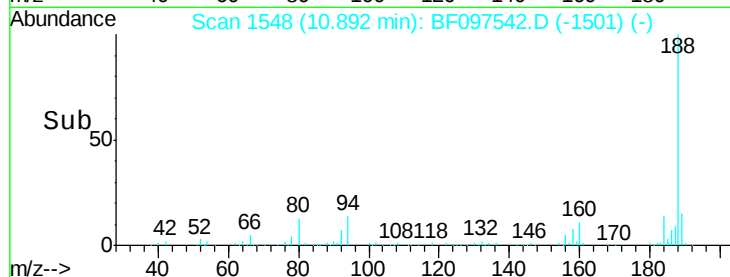
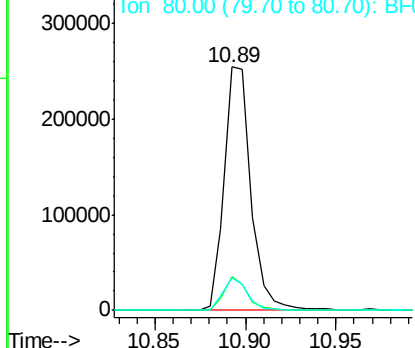
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.89 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

Tot Ion:188 Resp: 262009
 Ion Ratio Lower Upper
 188 100
 94 13.7 9.4 14.2
 80 13.5 10.2 15.2

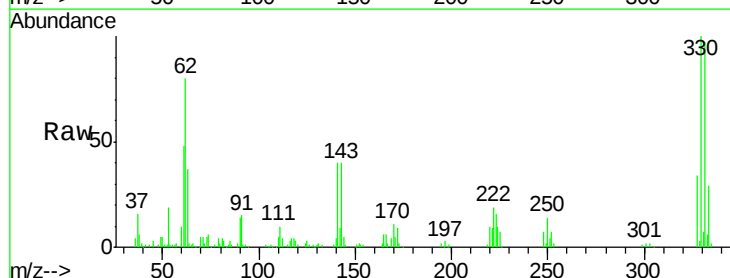


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

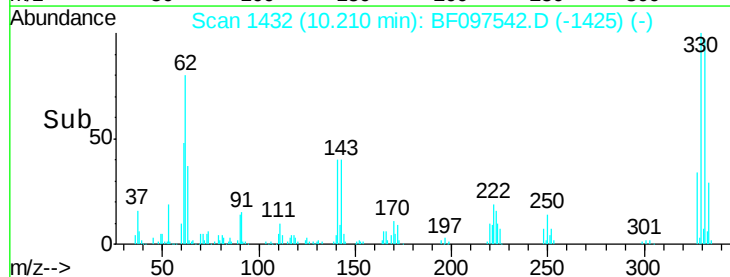
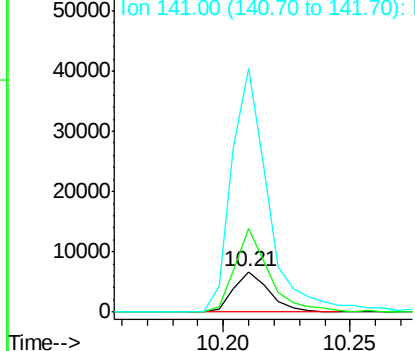


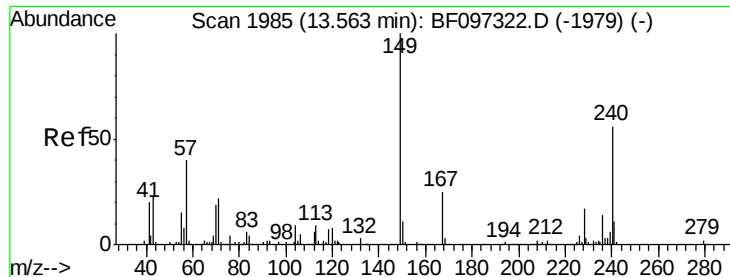
#66
 4-Bromophenyl-phenylether
 Concen: 2.48 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.26 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Tgt Ion:248 Resp: 6480
 Ion Ratio Lower Upper
 248 100
 250 207.4 76.8 115.2#
 141 600.9 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: BF097542.D

Acq: 10 Aug 2017 3:35

Instrument :

BNA_F

ClientSampleId :

E2-M10-BASE

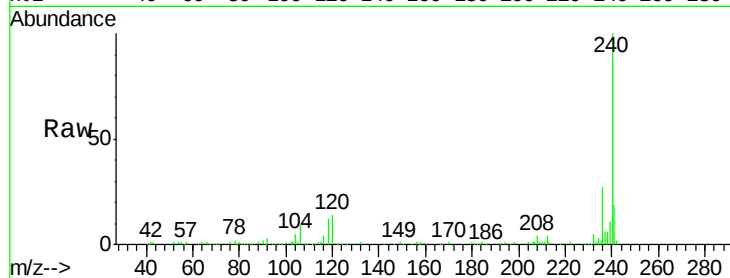
Tot Ion:240 Resp: 174036

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

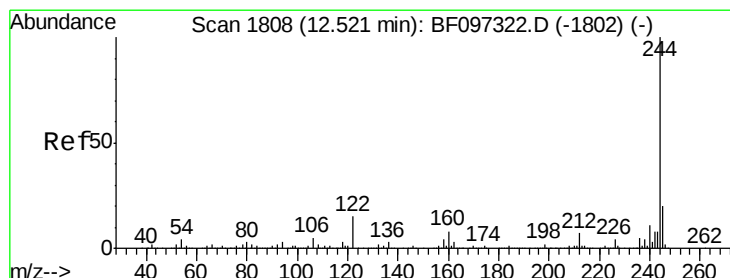
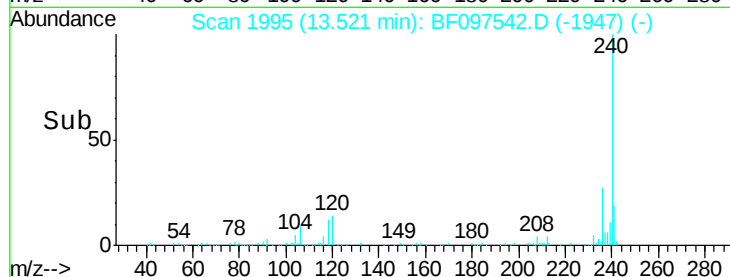
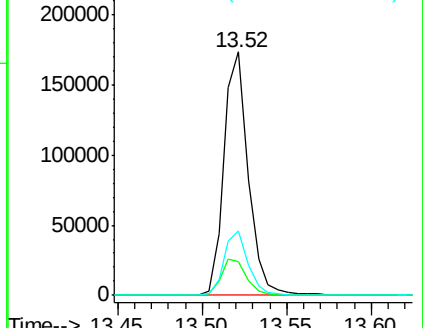
236 26.6 20.5 30.7



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: 43.03 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097542.D

Acq: 10 Aug 2017 3:35

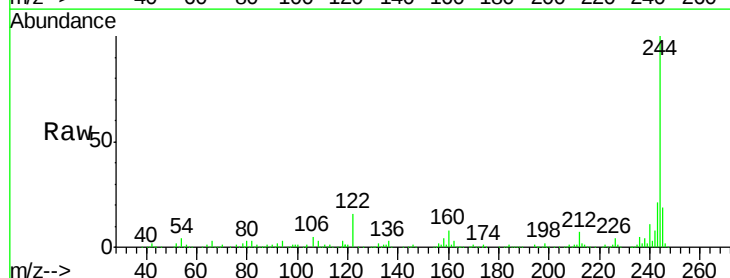
Tgt Ion:244 Resp: 367286

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

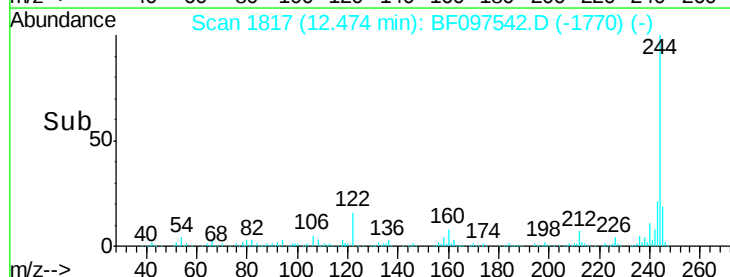
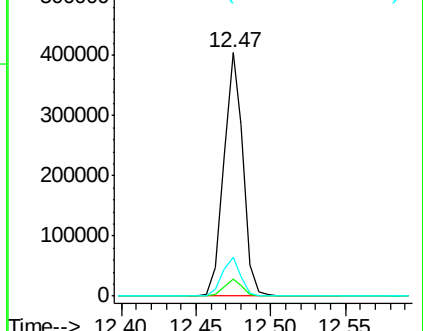
122 15.8 10.3 15.5#

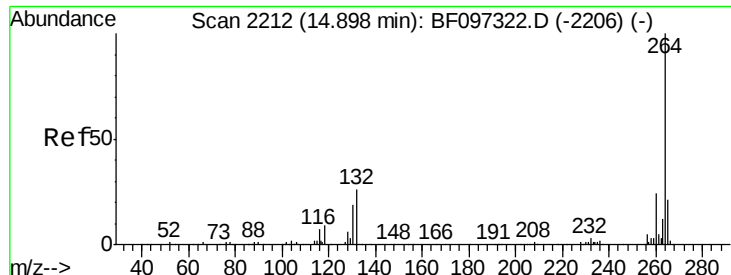


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

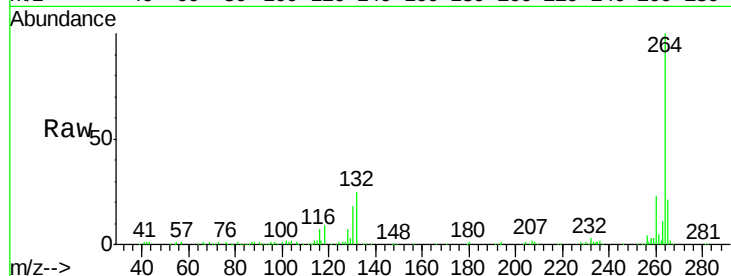




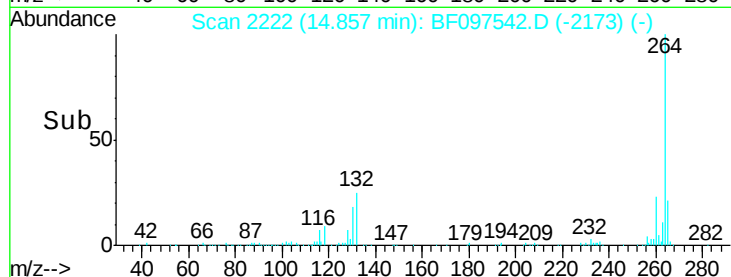
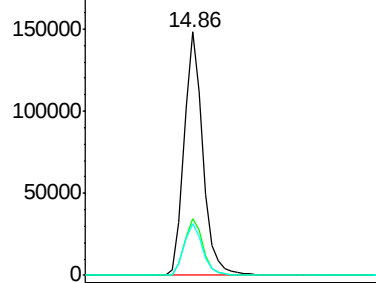
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097542.D
 Acq: 10 Aug 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.0	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



Time-->