

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097543.D
 Acq On : 10 Aug 2017 4:02
 Operator : SJ/JU
 Sample : I4646-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Quant Time: Aug 10 04:43:53 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

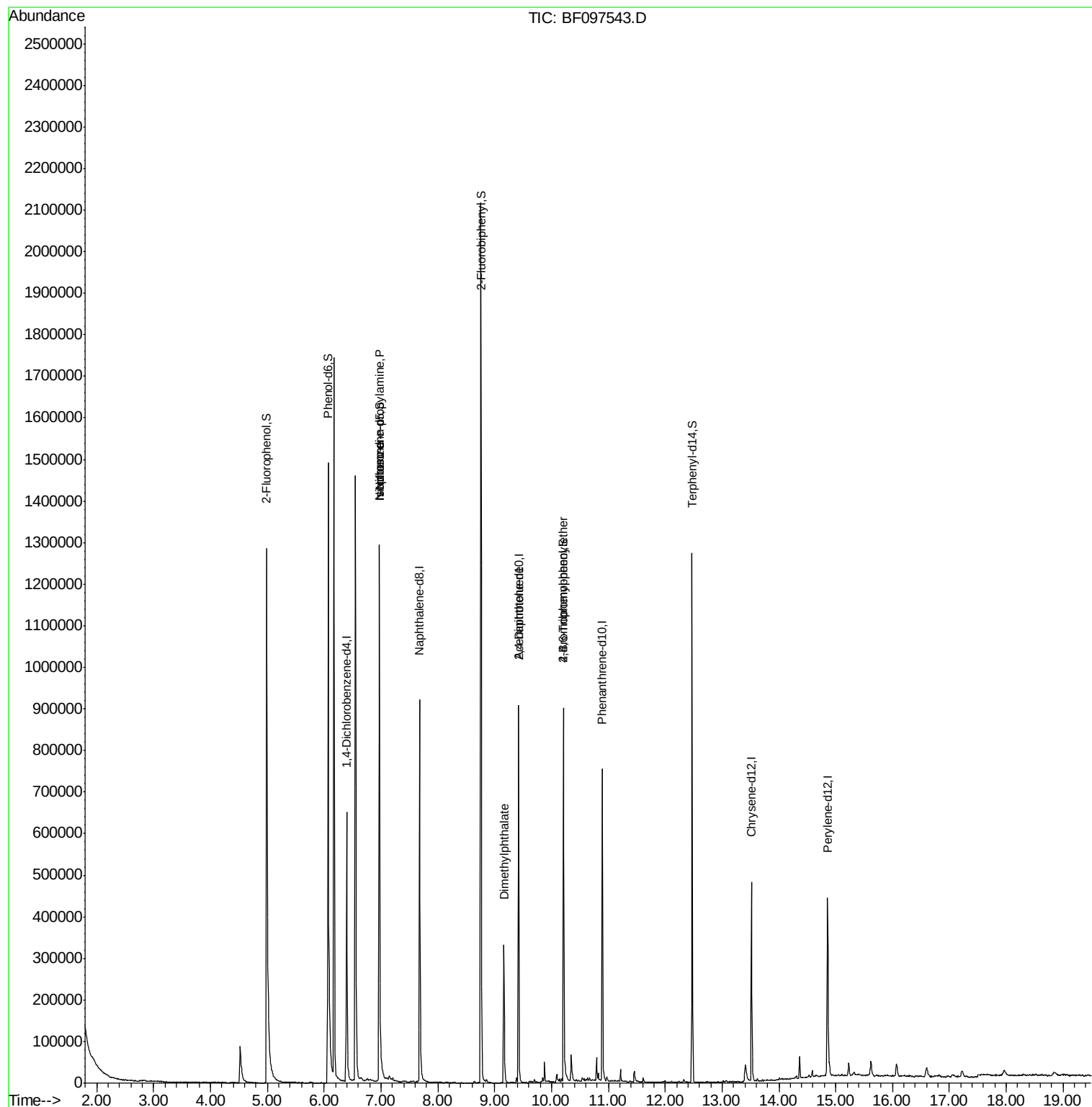
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	111140	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	452471	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	171748	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	278162	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	181189	20.00	ng	-0.02
86) Perylene-d12	14.86	264	166229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	528852	71.73	ng	-0.02
7) Phenol-d6	6.07	99	605142	71.90	ng	-0.02
23) Nitrobenzene-d5	6.97	82	419615	54.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	101677	74.93	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	648909	64.12	ng	-0.02
78) Terphenyl-d14	12.47	244	377227	42.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	55161	9.96	ng	# 85
25) Isophorone	6.97	82	419612	27.78	ng	# 67
49) Dimethylphthalate	9.16	163	144869	11.11	ng	99
56) 2,4-Dinitrotoluene	9.42	165	21287	6.69	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	6541	2.36	ng	# 1

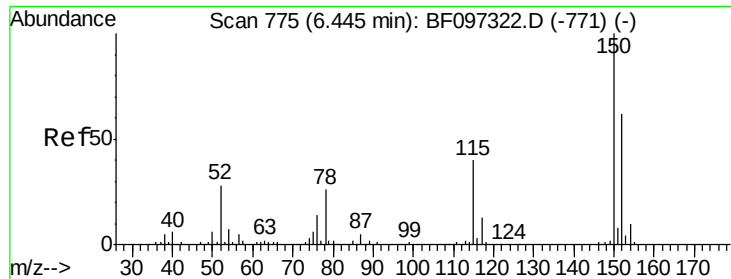
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

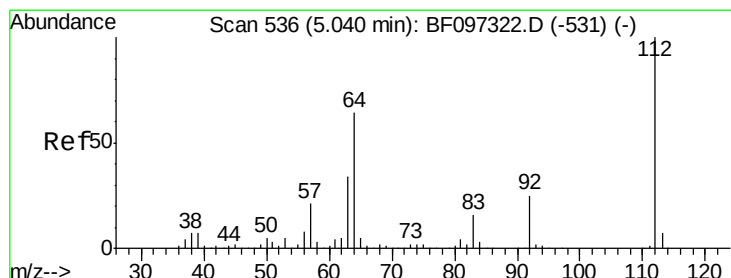
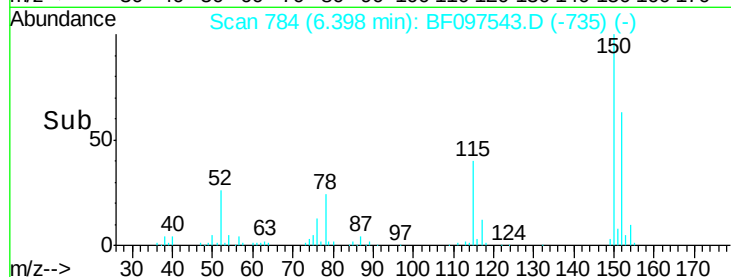
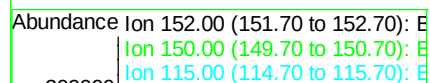
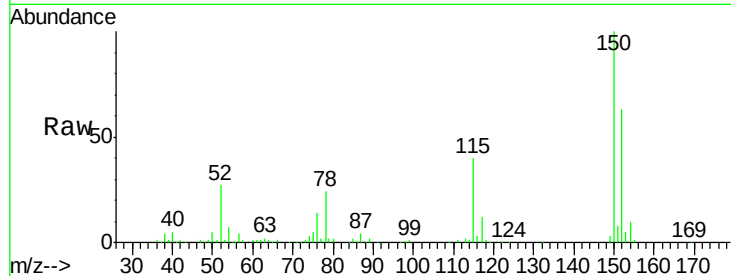
Tot Ion:152 Resp: 111140

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

115 64.1 52.2 78.2



#5

2-Fluorophenol

Concen: 71.73 ng

RT: 4.99 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

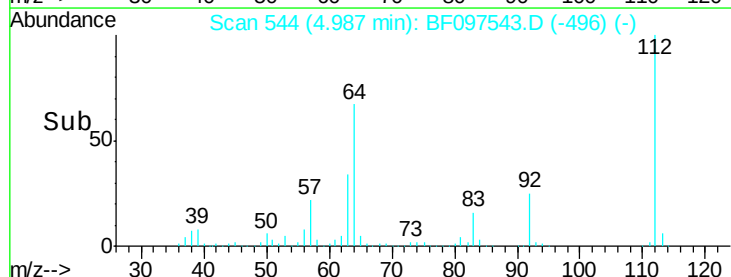
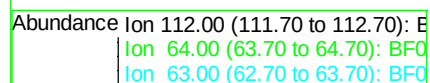
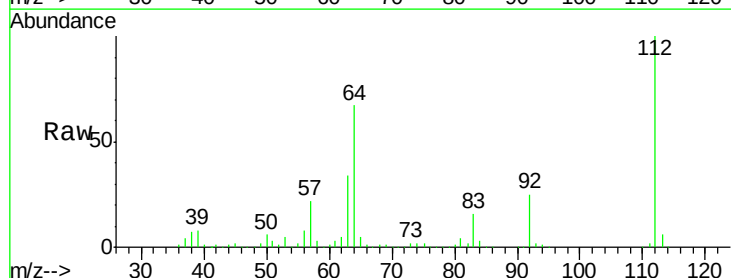
Tgt Ion:112 Resp: 528852

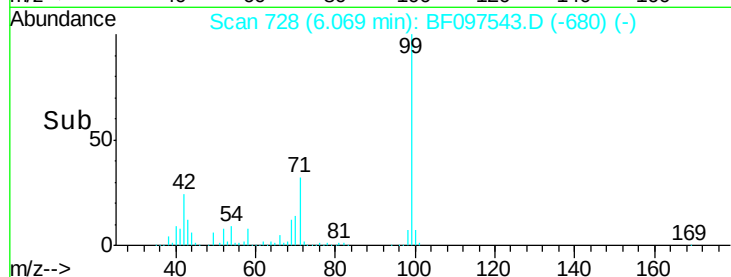
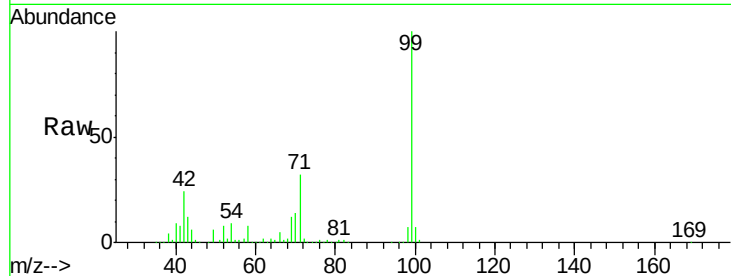
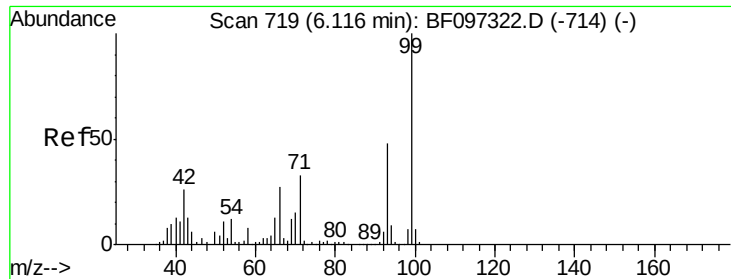
Ion Ratio Lower Upper

112 100

64 67.4 46.0 69.0

63 33.7 23.4 35.0





#7

Phenol-d6

Concen: 71.90 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

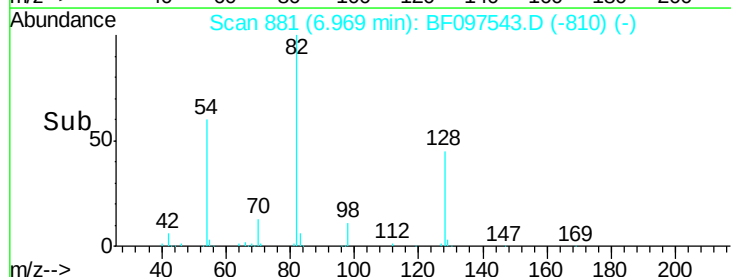
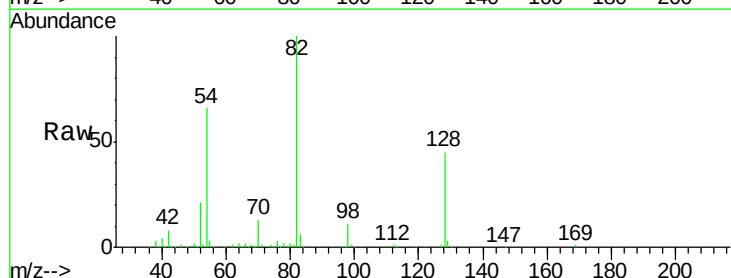
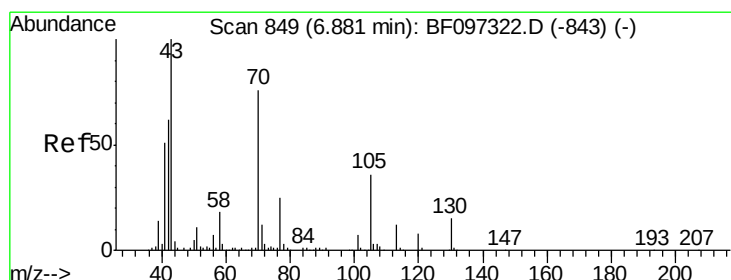
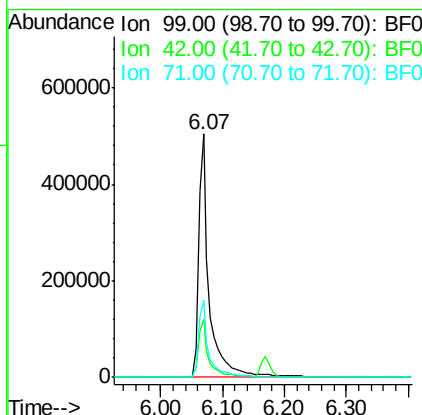
Tot Ion: 99 Resp: 605142

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

71 31.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 9.96 ng

RT: 6.97 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

Tgt Ion: 70 Resp: 55161

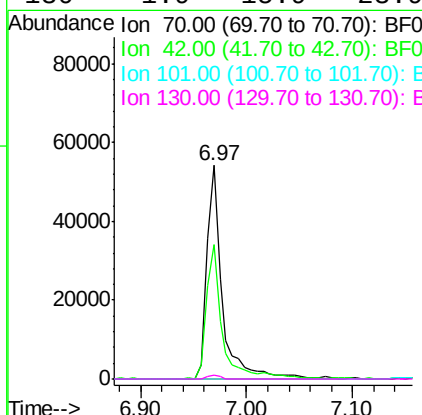
Ion Ratio Lower Upper

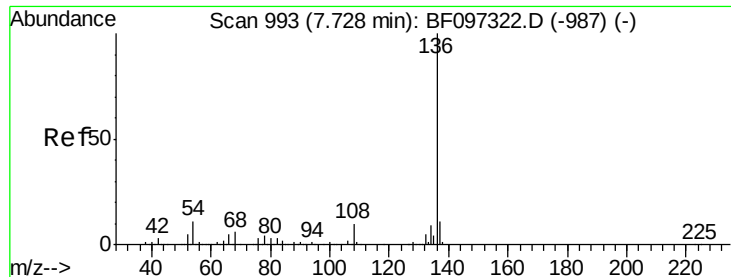
70 100

42 62.7 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: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

Tot Ion:136 Resp: 452471

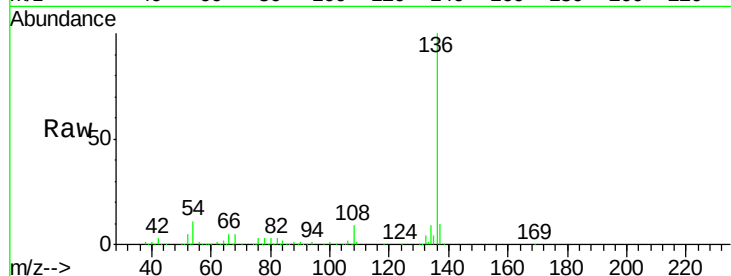
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 10.5 4.9 7.3#

68 5.4 4.1 6.1

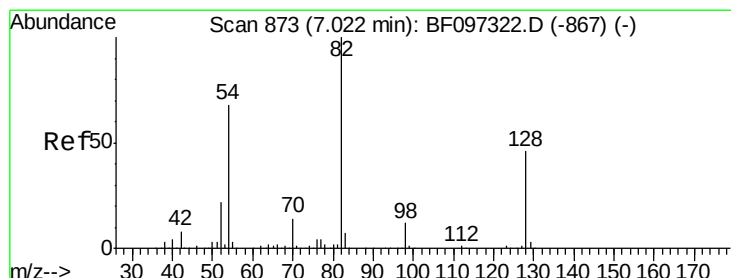
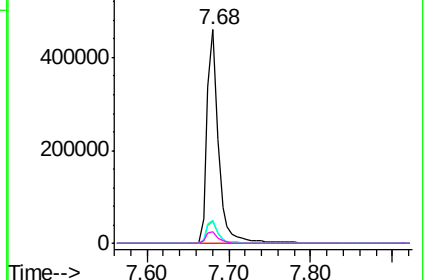
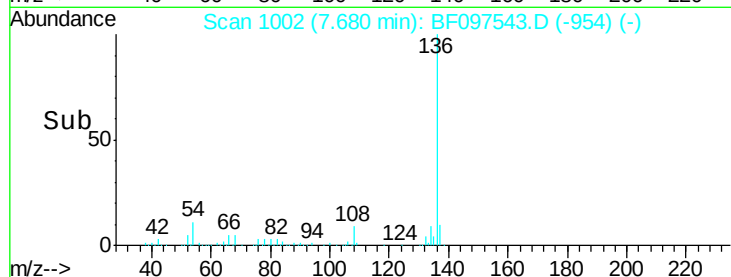


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.40 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

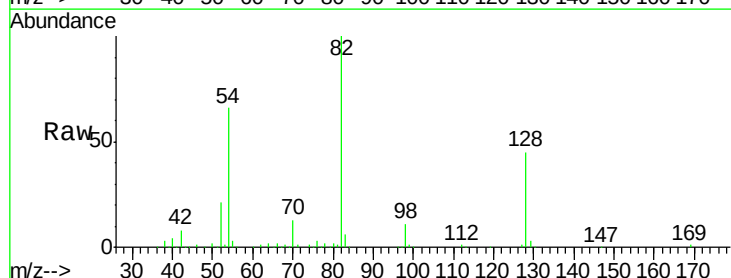
Tgt Ion: 82 Resp: 419615

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

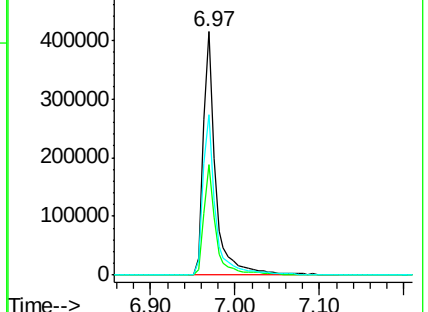
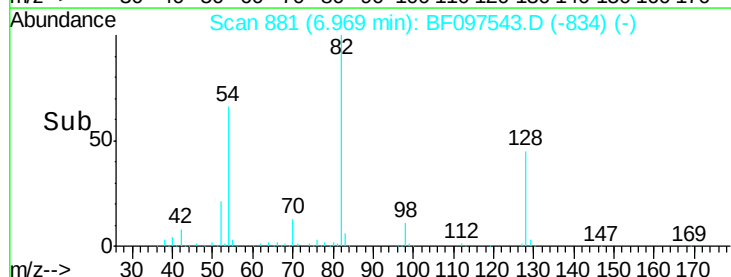
54 66.0 42.2 63.2#

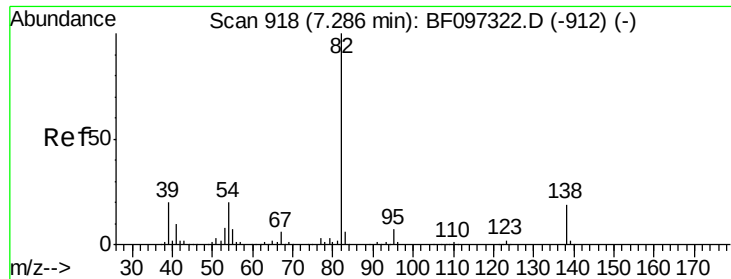


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

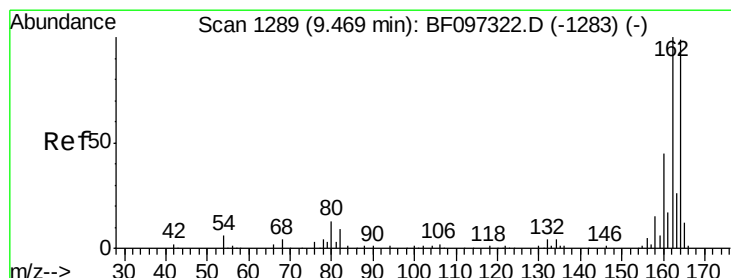
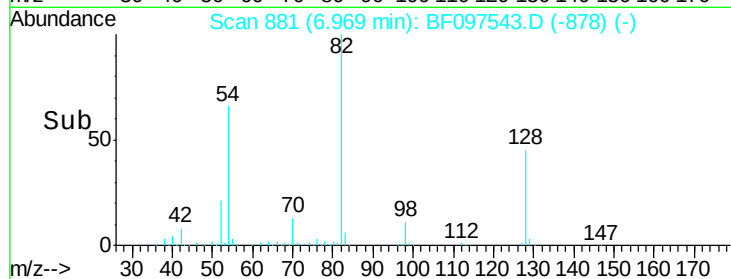
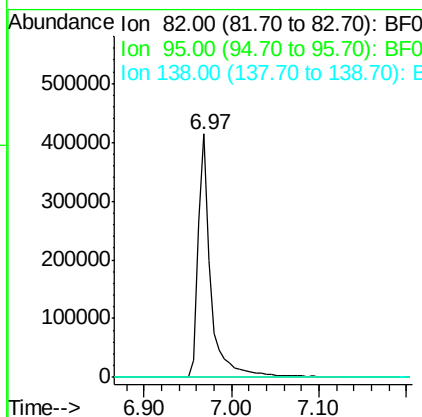
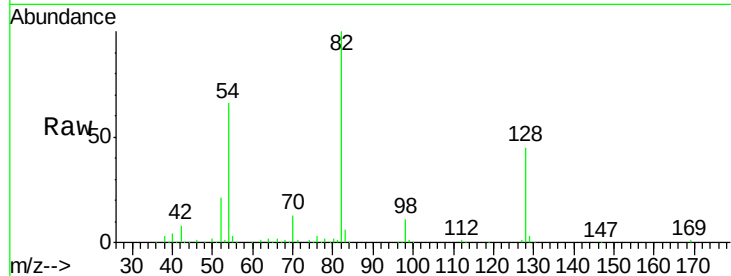




#25
Isophorone
Concen: 27.78 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

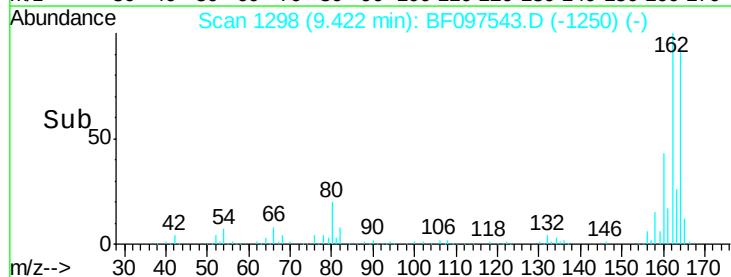
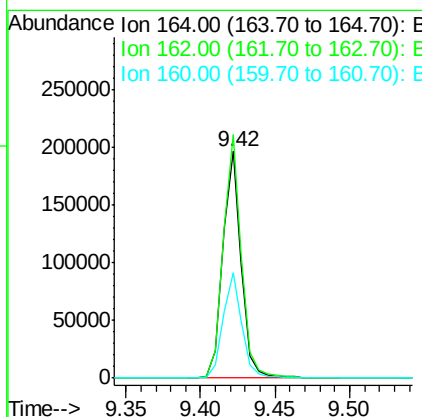
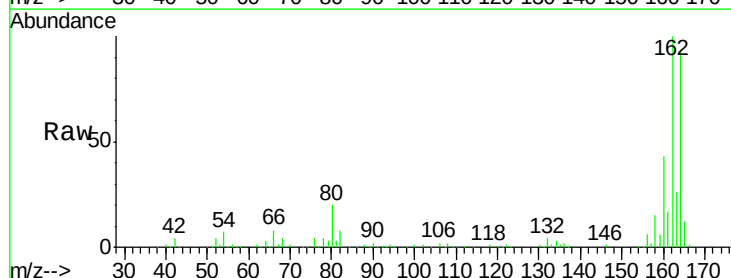
Instrument :
BNA_F
ClientSampleId :
E2-M10-WSW

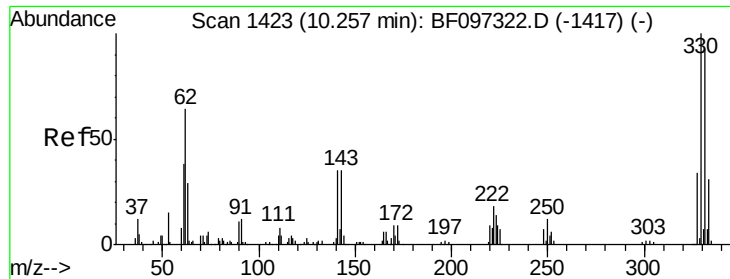
Tot Ion: 82 Resp: 419612
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

Tgt Ion:164 Resp: 171748
Ion Ratio Lower Upper
164 100
162 107.4 82.6 123.8
160 46.5 36.2 54.2

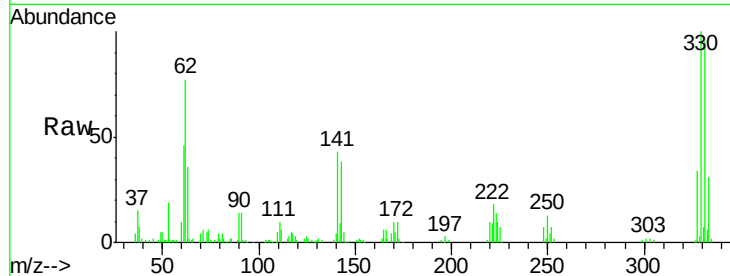




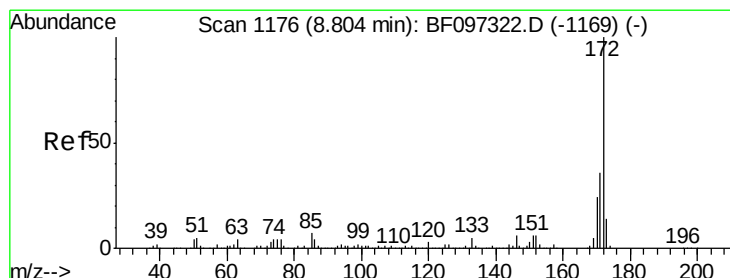
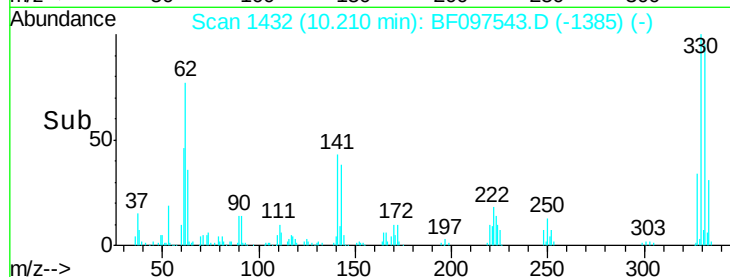
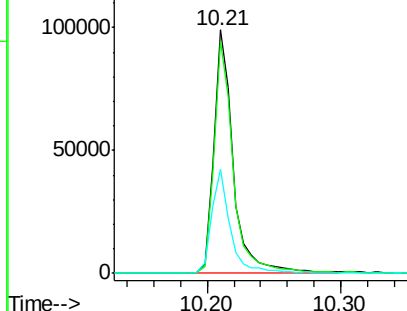
#41
 2,4,6-Tribromophenol
 Concen: 74.93 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	41.3	31.4	47.2

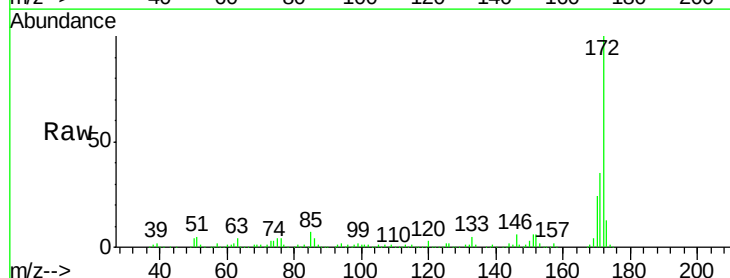


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

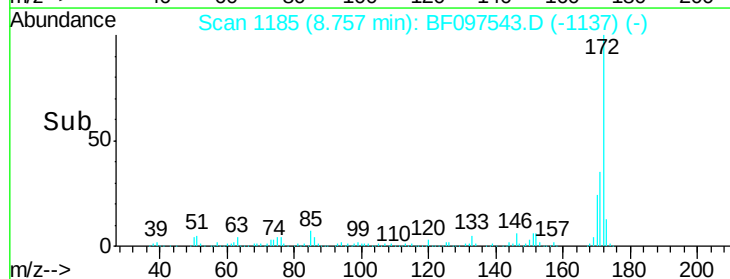
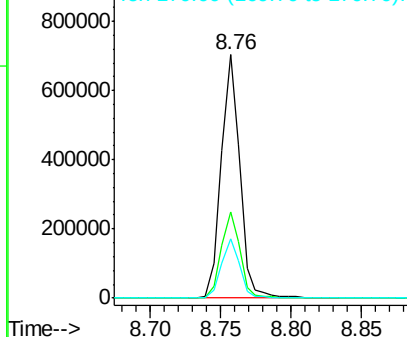


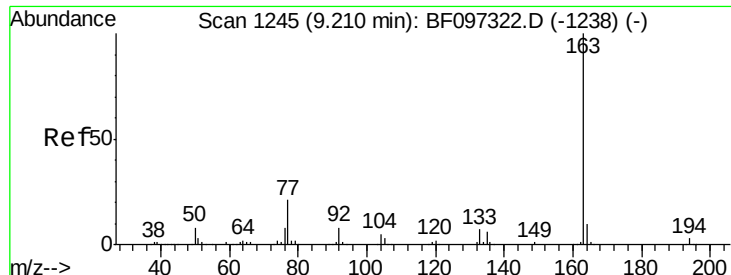
#44
 2-Fluorobiphenyl
 Concen: 64.12 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.4	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

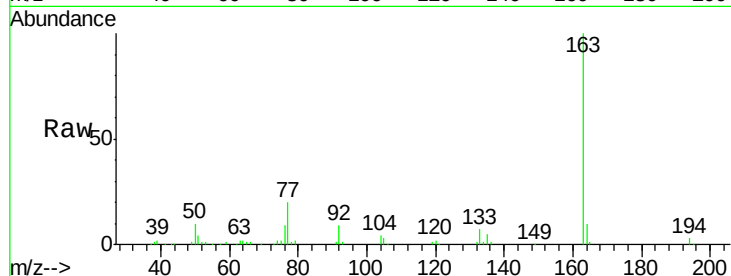




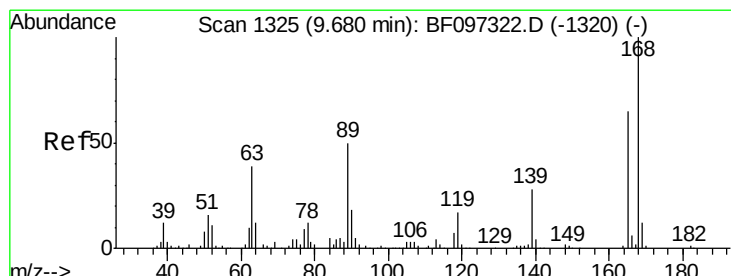
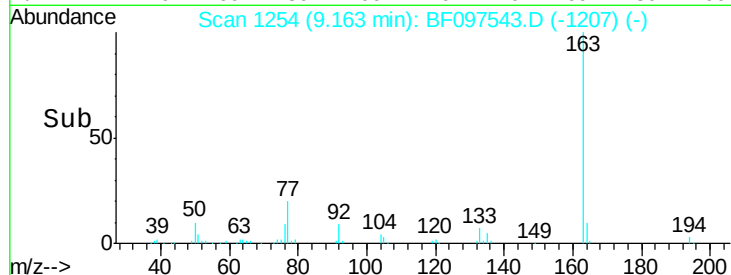
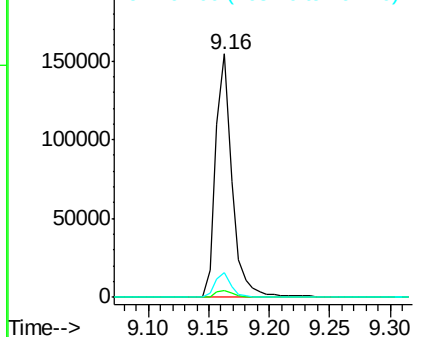
#49
Dimethylphthalate
Concen: 11.11 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

Instrument :
BNA_F
ClientSampleId :
E2-M10-WSW

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.4	12.6



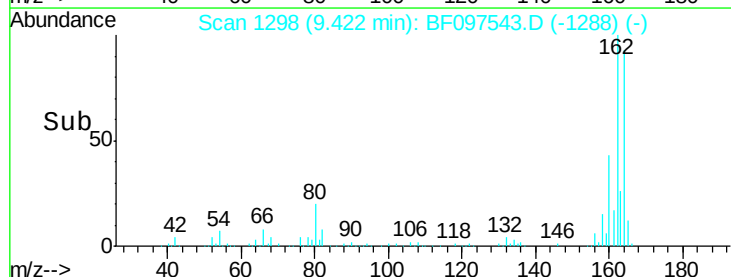
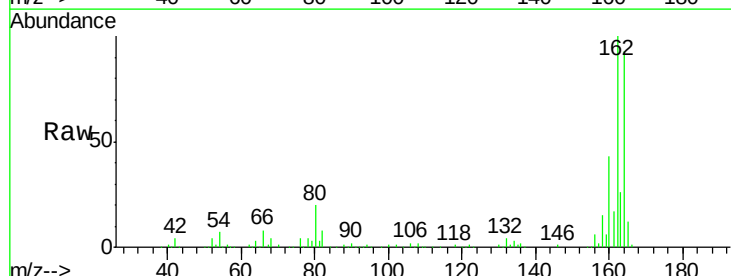
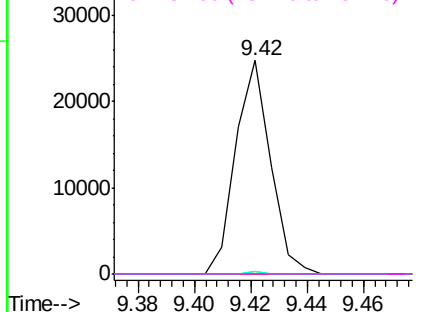
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

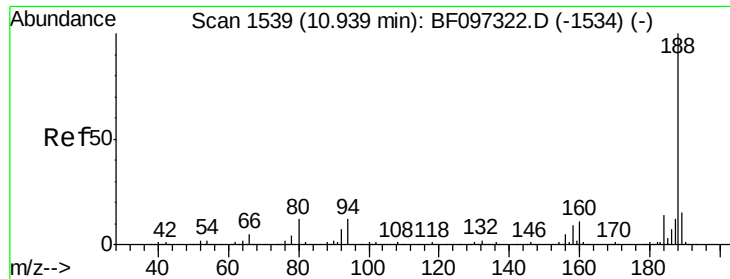


#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.3	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

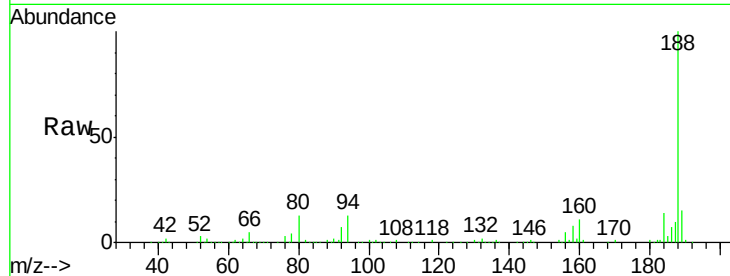




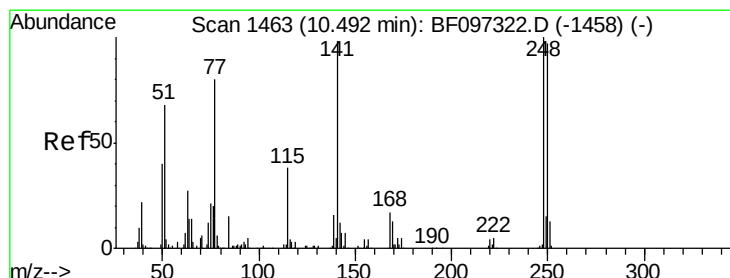
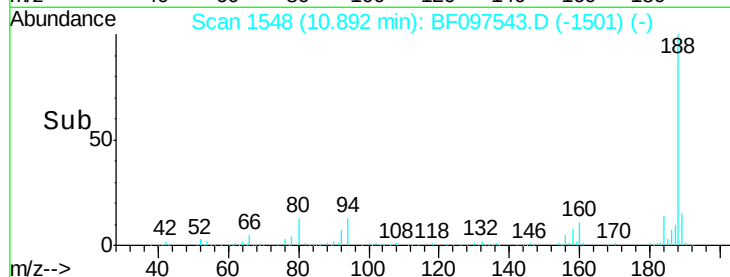
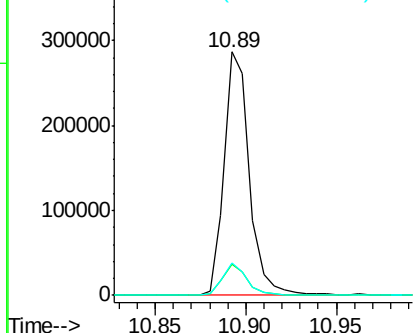
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

Instrument :
BNA_F
ClientSampleId :
E2-M10-WSW

Tot Ion:188 Resp: 278162
Ion Ratio Lower Upper
188 100
94 12.8 9.4 14.2
80 13.4 10.2 15.2

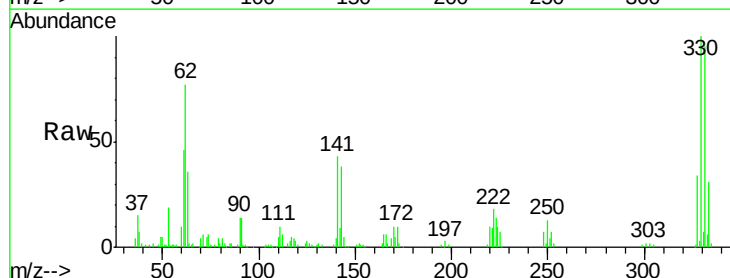


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

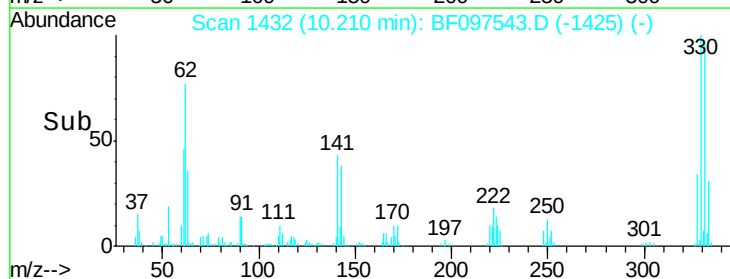
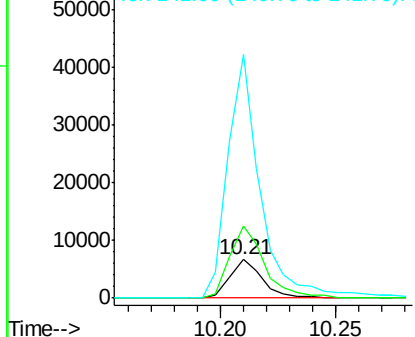


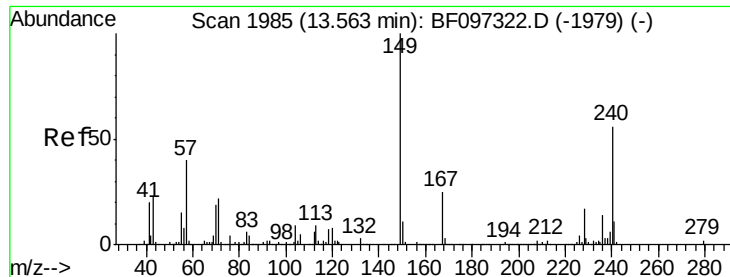
#66
4-Bromophenyl-phenylether
Concen: 2.36 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

Tgt Ion:248 Resp: 6541
Ion Ratio Lower Upper
248 100
250 186.3 76.8 115.2#
141 628.6 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: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

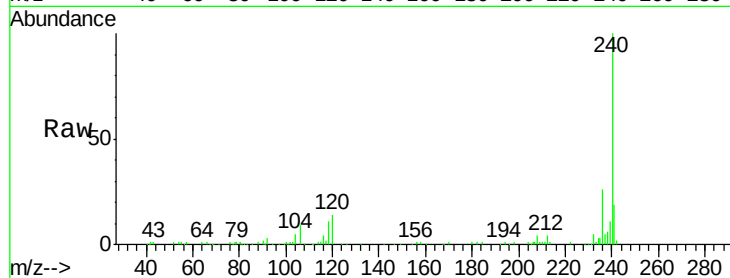
Tot Ion:240 Resp: 181189

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

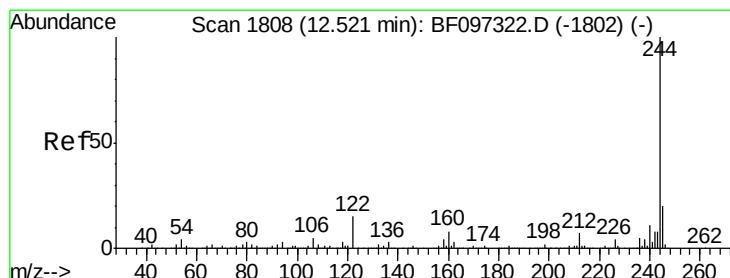
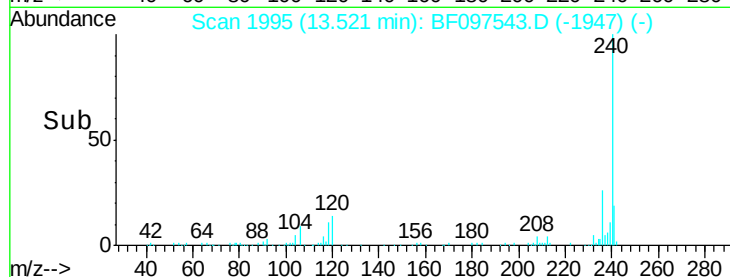
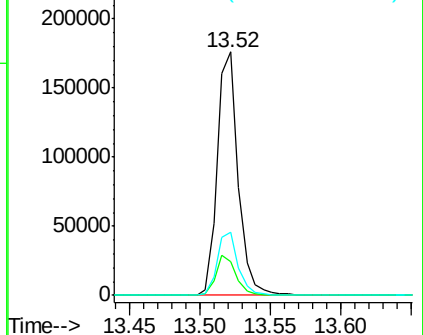
236 25.8 20.5 30.7



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: 42.45 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

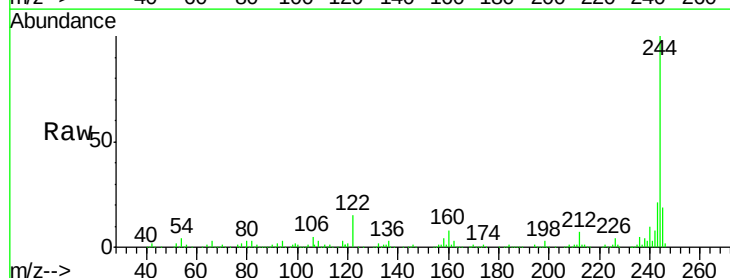
Tgt Ion:244 Resp: 377227

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

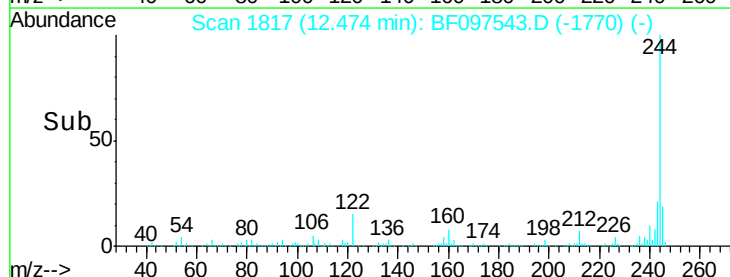
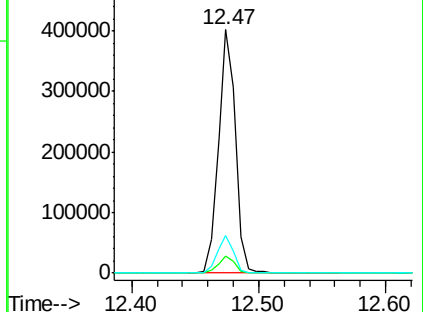
122 15.4 10.3 15.5

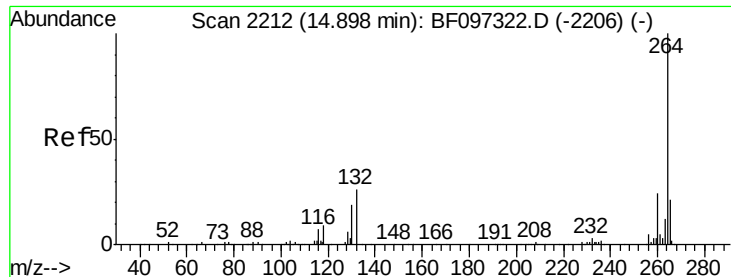


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097543.D
Acq: 10 Aug 2017 4:02

Instrument :
BNA_F
ClientSampleId :
E2-M10-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	17.2	25.8

