

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097538.D
 Acq On : 10 Aug 2017 1:43
 Operator : SJ/JU
 Sample : I4677-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-E10-BASE

Quant Time: Aug 10 04:41:49 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

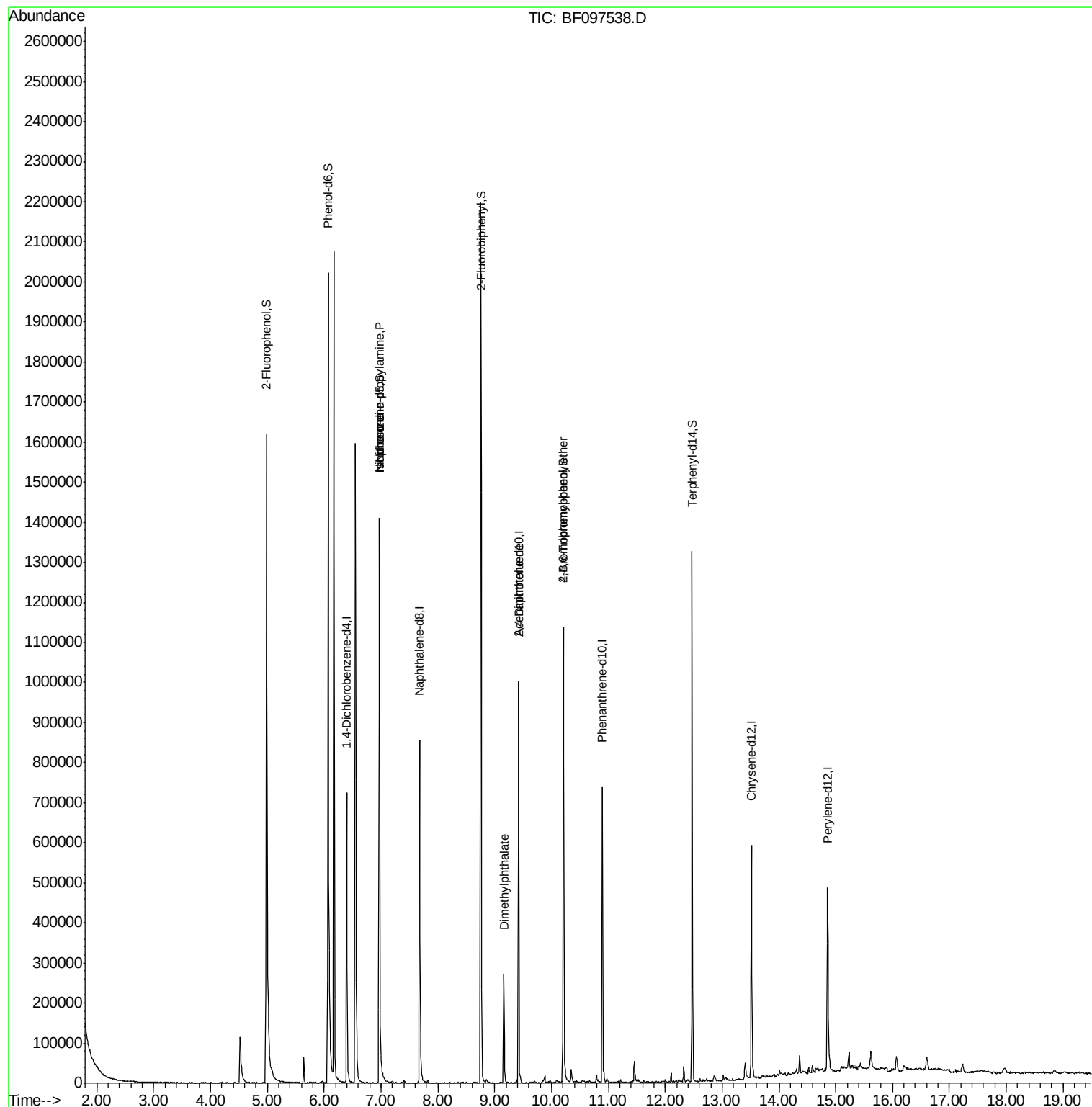
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	121126	20.00	ng	-0.02
21) Naphthalene-d8	7.68	136	434500	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186796	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	287784	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	210355	20.00	ng	-0.02
86) Perylene-d12	14.86	264	173318	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	634190	78.93	ng	-0.02
7) Phenol-d6	6.07	99	786915	85.79	ng	-0.02
23) Nitrobenzene-d5	6.97	82	458409	61.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	123642	83.78	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	687668	62.48	ng	-0.02
78) Terphenyl-d14	12.47	244	395377	38.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	60853	10.08	ng	# 88
25) Isophorone	6.97	82	458455	31.61	ng	# 67
49) Dimethylphthalate	9.16	163	117477	8.28	ng	97
56) 2,4-Dinitrotoluene	9.42	165	23500	6.79	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	8037	2.80	ng	# 1

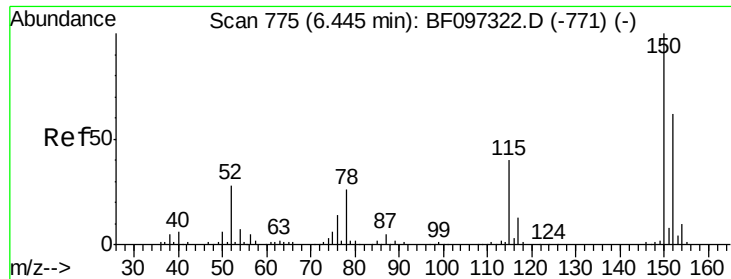
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097538.D
Acq On : 10 Aug 2017 1:43
Operator : SJ/JU
Sample : I4677-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-E10-BASE

Quant Time: Aug 10 04:41:49 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



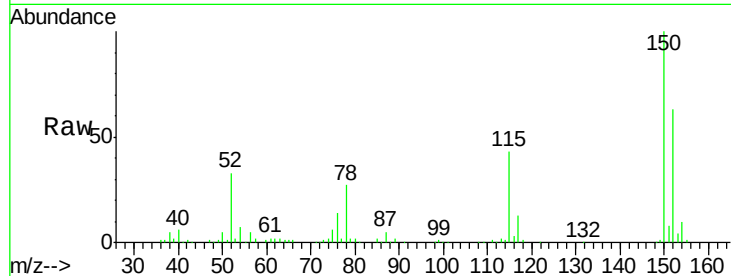


#1

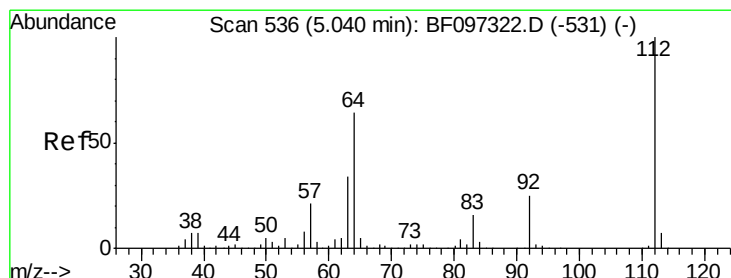
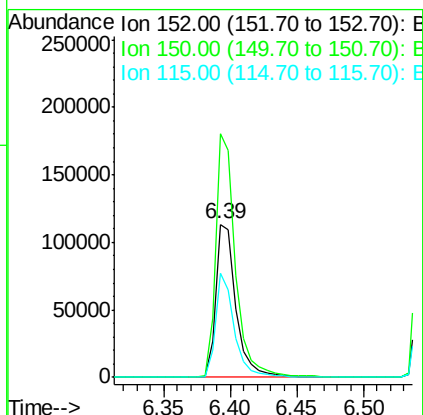
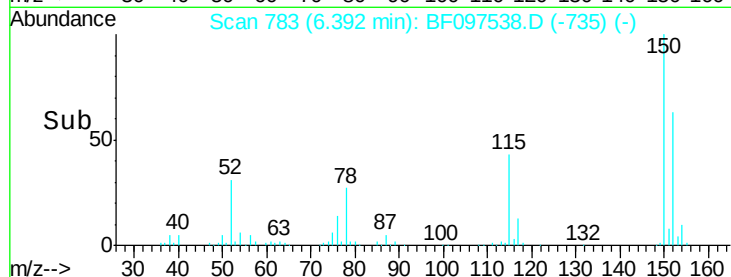
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-E10-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	68.0	52.2	78.2



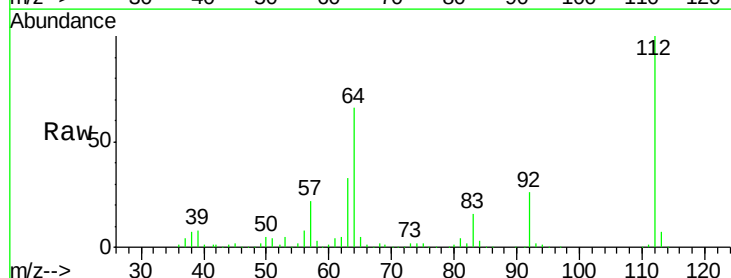
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



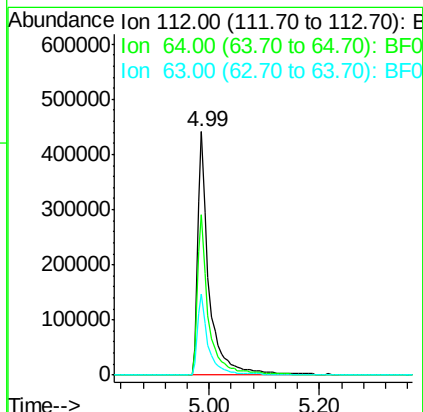
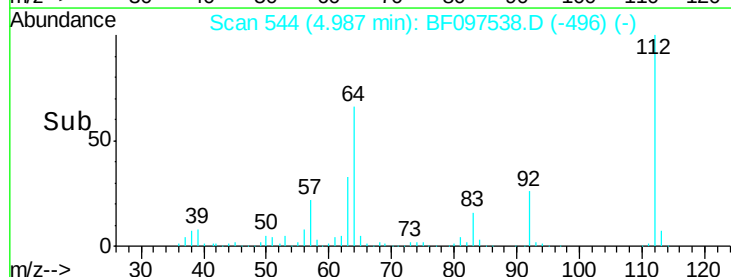
#5

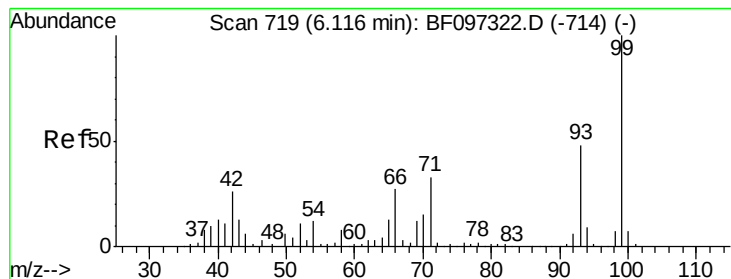
2-Fluorophenol
Concen: 78.93 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	33.4	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: 85.79 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

BNA_F

ClientSampleId :

E2-E10-BASE

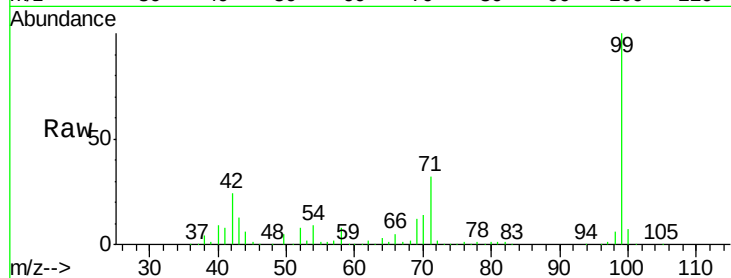
Tot Ion: 99 Resp: 786915

Ion Ratio Lower Upper

99 100

42 24.5 13.5 20.3#

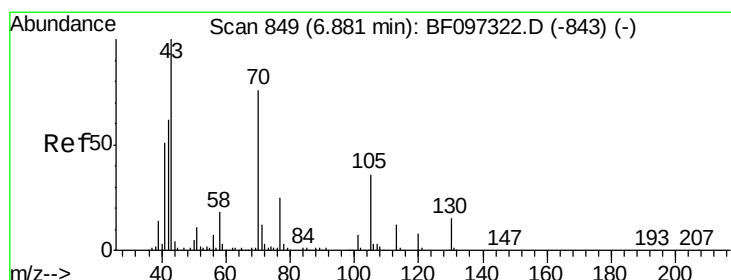
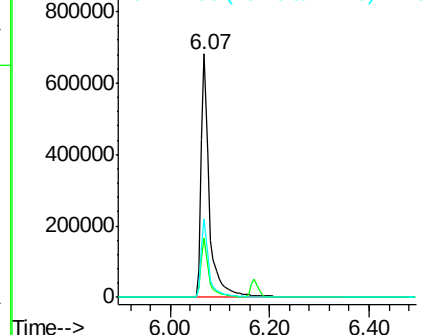
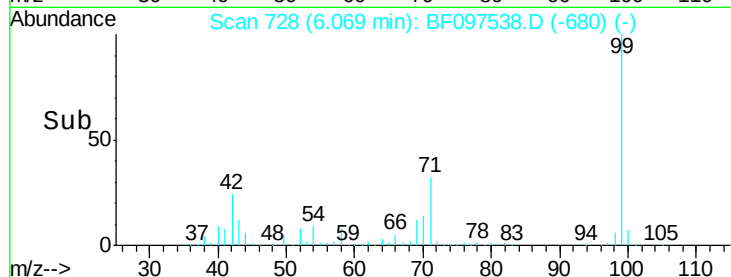
71 32.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.08 ng

RT: 6.97 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Tgt Ion: 70 Resp: 60853

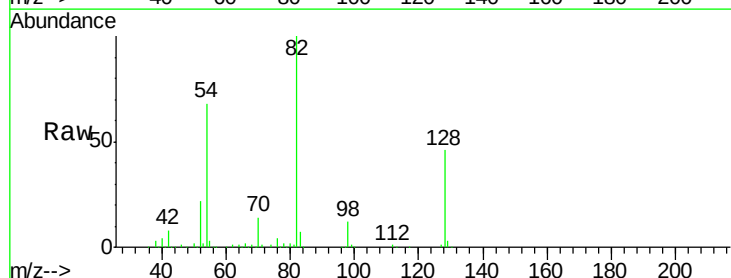
Ion Ratio Lower Upper

70 100

42 60.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

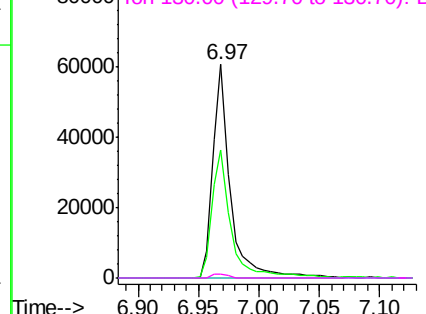
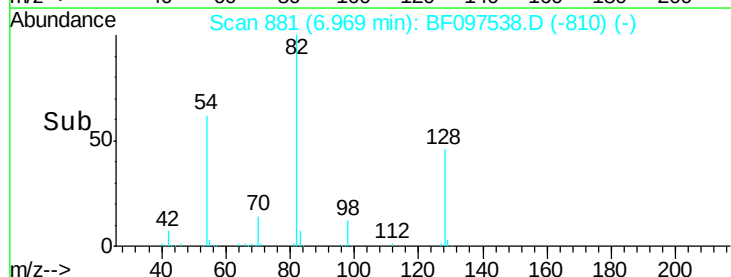


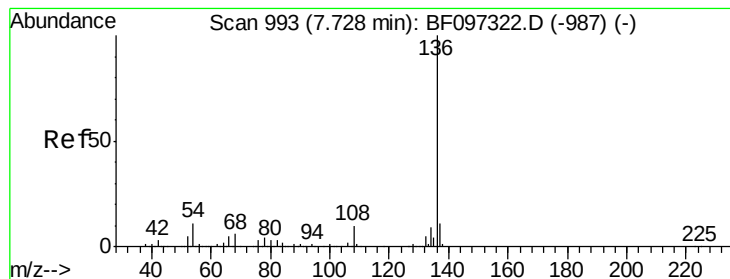
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

BNA_F

ClientSampleId :

E2-E10-BASE

Tot Ion:136 Resp: 434500

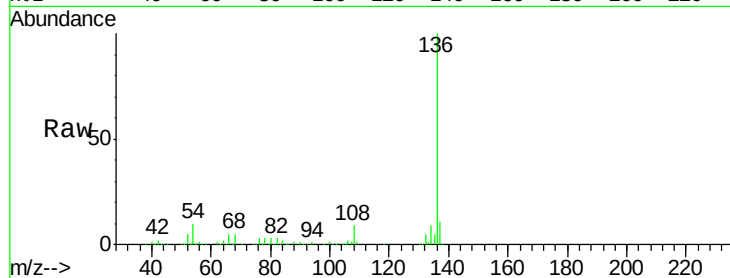
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.6 4.9 7.3#

68 5.2 4.1 6.1

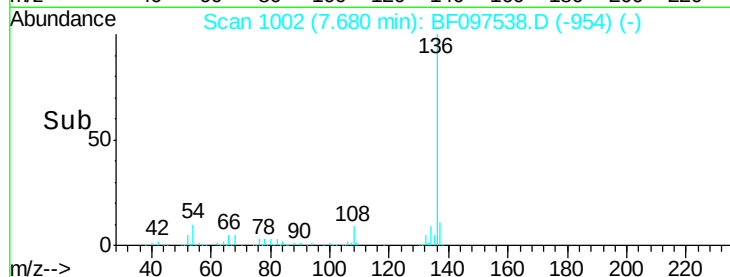


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

600000

400000

200000

0

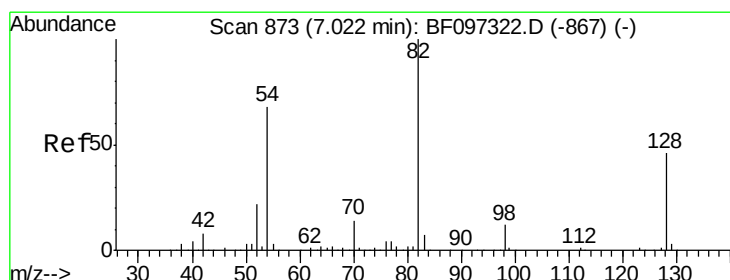
Time-->

7.60 7.70 7.80 7.90

7.68

0

Time-->



#23

Nitrobenzene-d5

Concen: 61.89 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

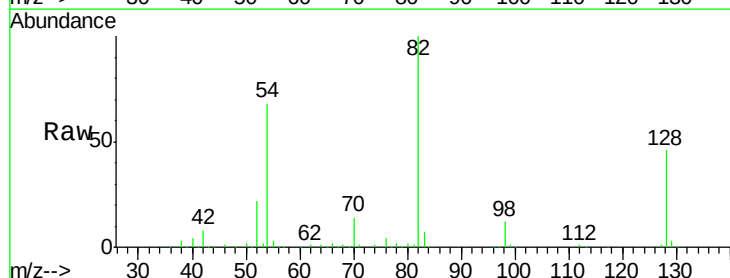
Tgt Ion: 82 Resp: 458409

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

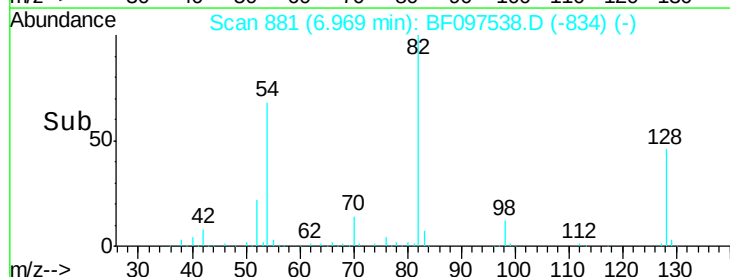
54 67.9 42.2 63.2#



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



600000

500000

400000

300000

200000

100000

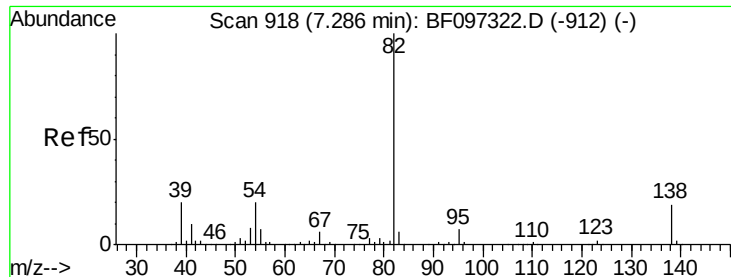
0

Time-->

6.90 7.00 7.10

6.97

Time-->



#25

Isophorone

Concen: 31.61 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

BNA_F

ClientSampleId :

E2-E10-BASE

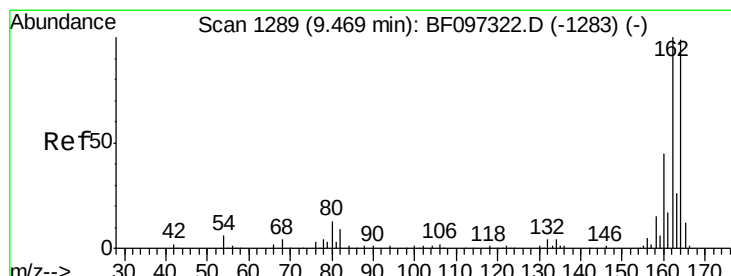
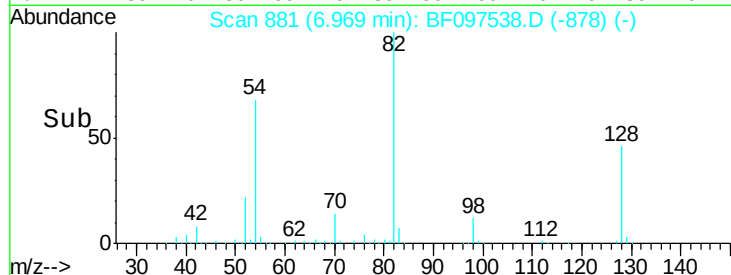
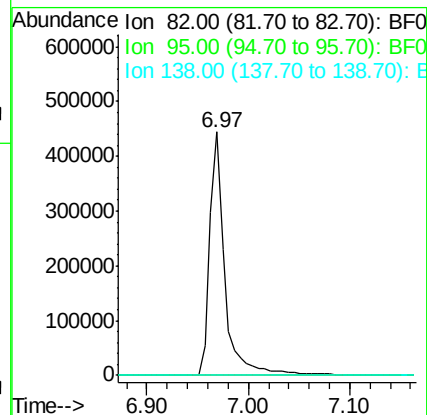
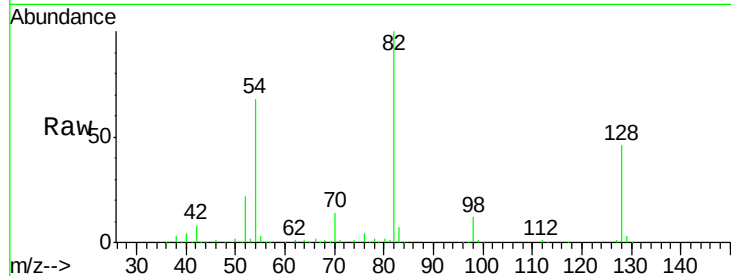
Tot Ion: 82 Resp: 458455

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: BF097538.D

Acq: 10 Aug 2017 1:43

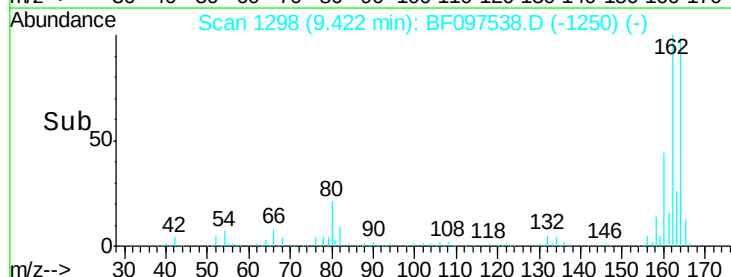
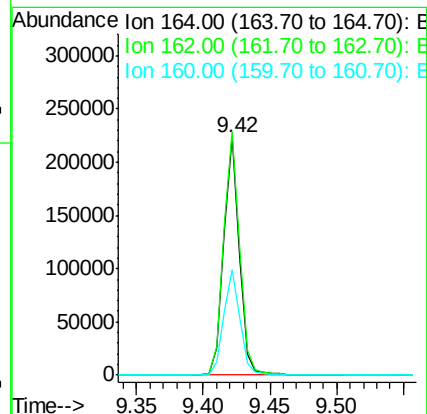
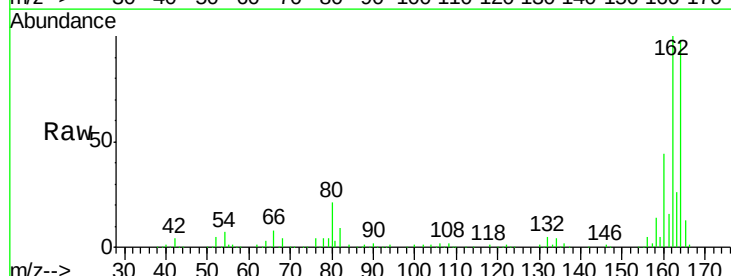
Tgt Ion: 164 Resp: 186796

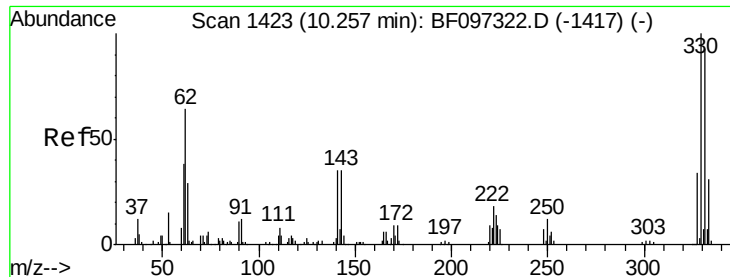
Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

160 44.5 36.2 54.2

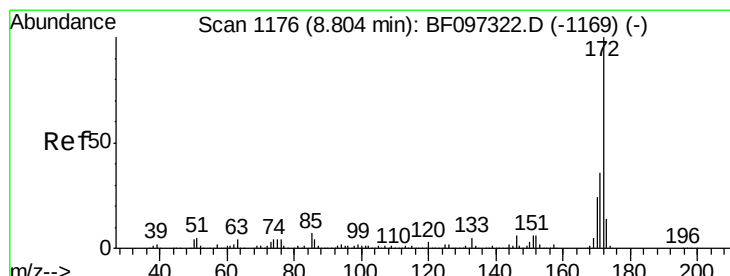
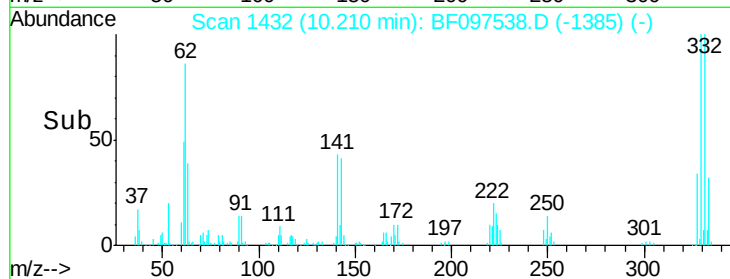
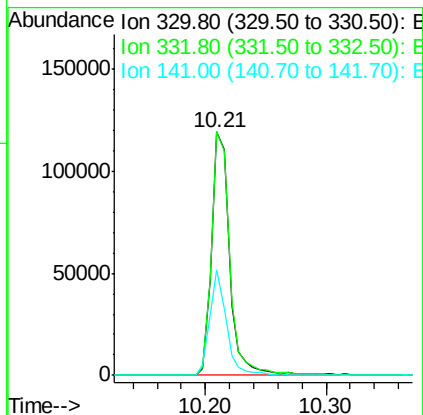
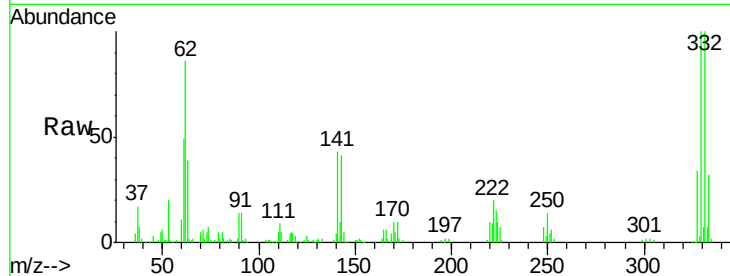




#41
 2,4,6-Tribromophenol
 Concen: 83.78 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

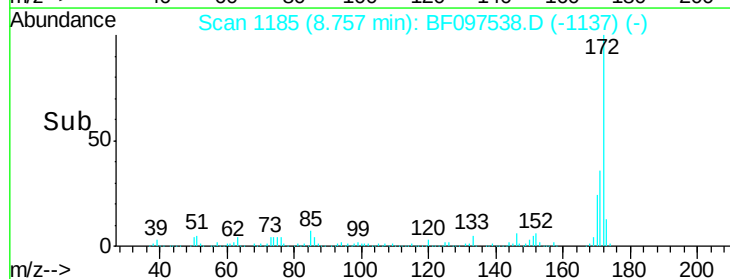
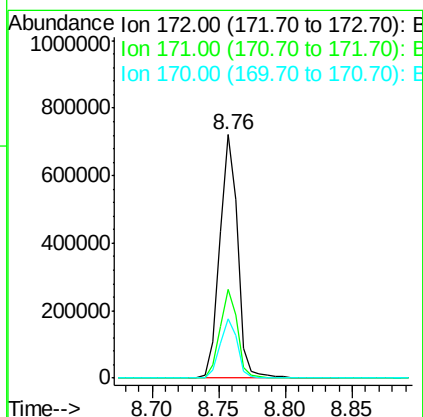
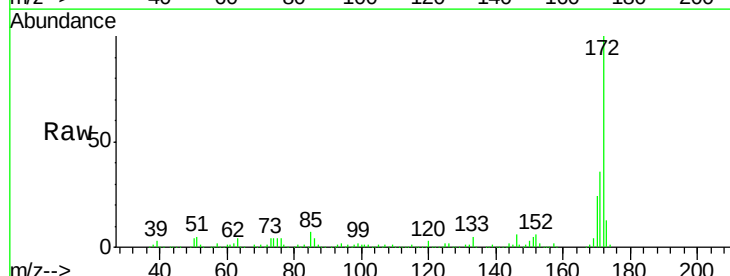
Instrument :
 BNA_F
 ClientSampleId :
 E2-E10-BASE

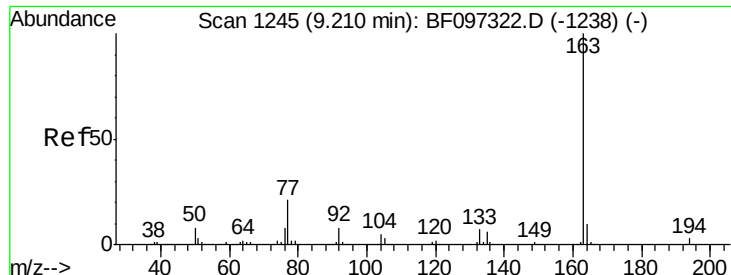
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	76.6	115.0
141	39.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 62.48 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.8	29.8

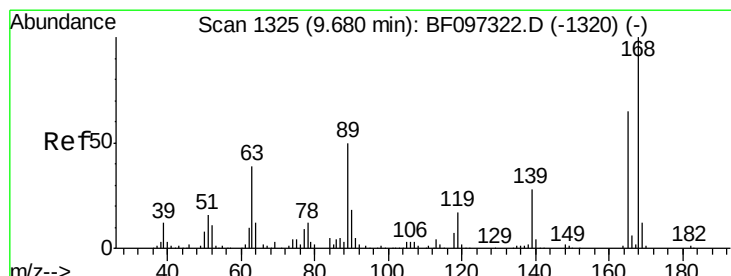
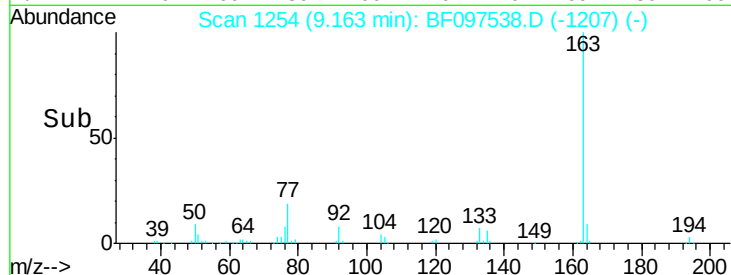
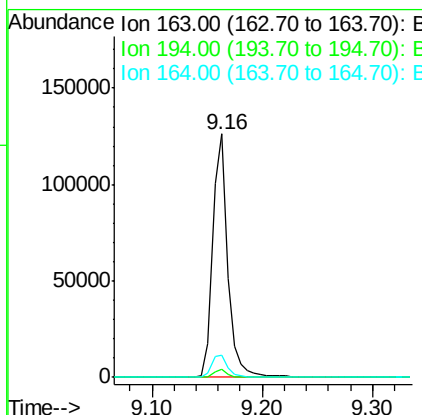
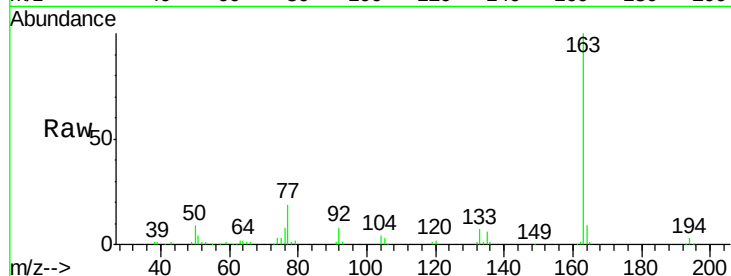




#49
Dimethylphthalate
Concen: 8.28 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

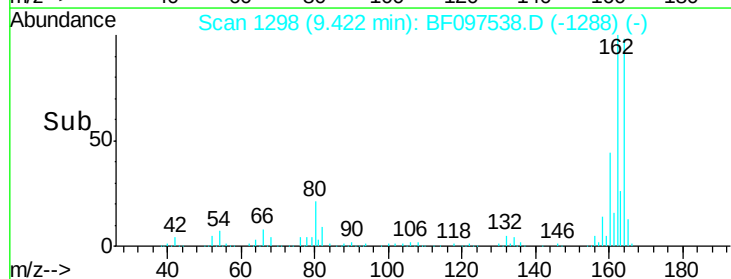
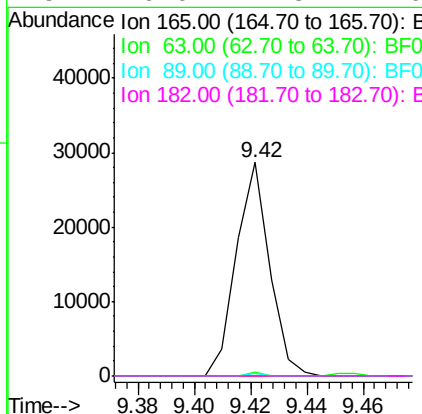
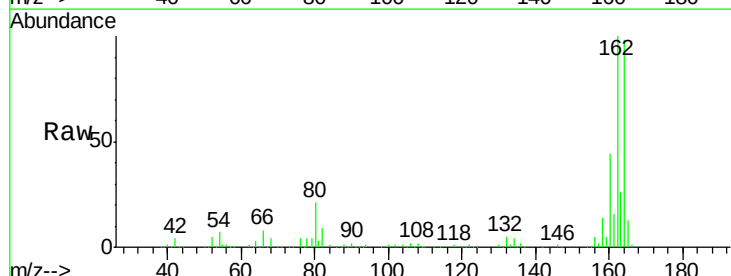
Instrument :
BNA_F
ClientSampleId :
E2-E10-BASE

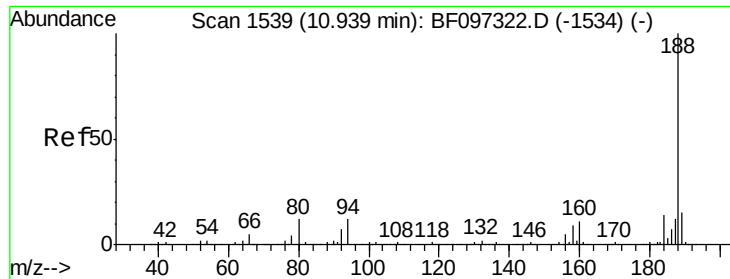
Tot Ion:163 Resp: 117477
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.1 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Tgt Ion:165 Resp: 23500
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 1.2 46.4 69.6#
182 0.0 1.8 2.6#

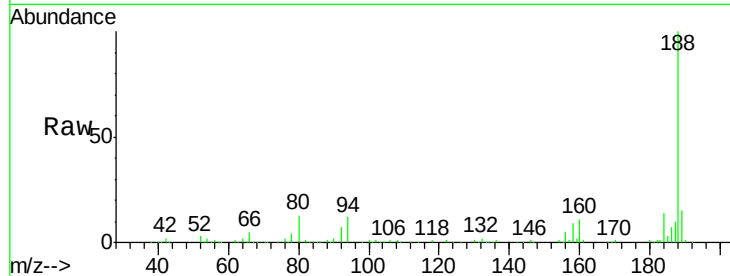




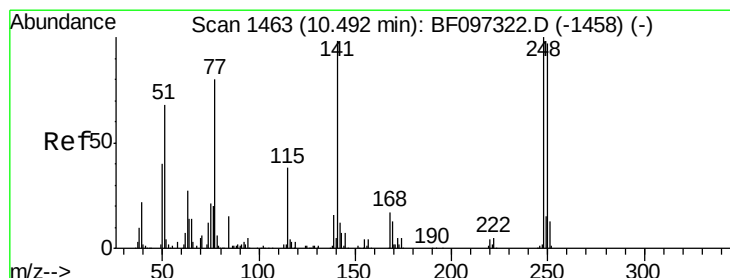
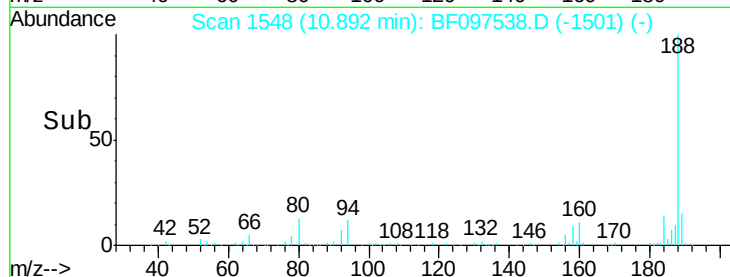
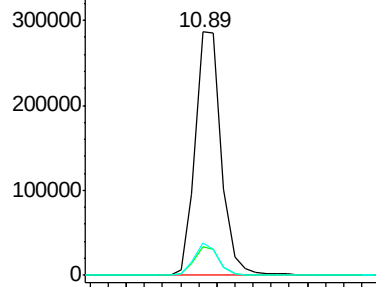
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-E10-BASE

Tot Ion:188 Resp: 287784
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 13.1 10.2 15.2

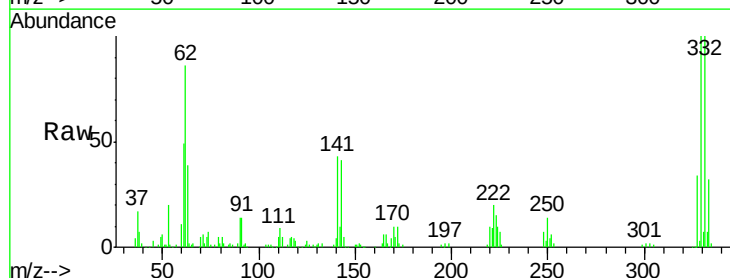


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

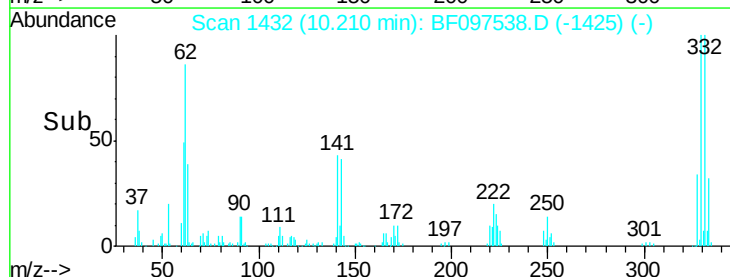
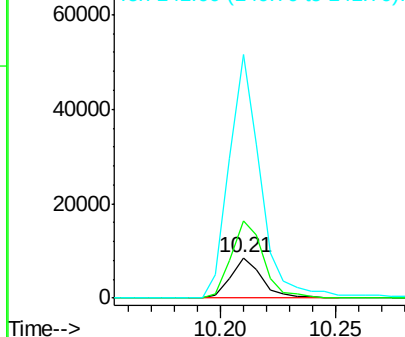


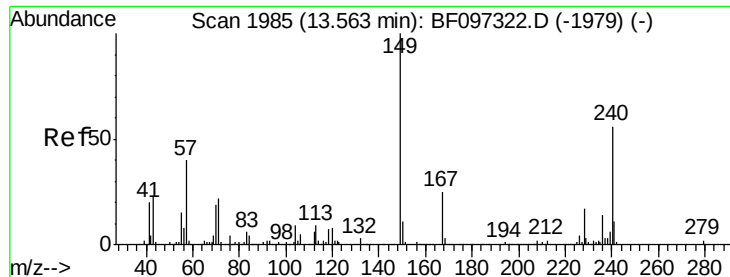
#66
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Tgt Ion:248 Resp: 8037
Ion Ratio Lower Upper
248 100
250 190.4 76.8 115.2#
141 600.4 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: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

BNA_F

ClientSampleId :

E2-E10-BASE

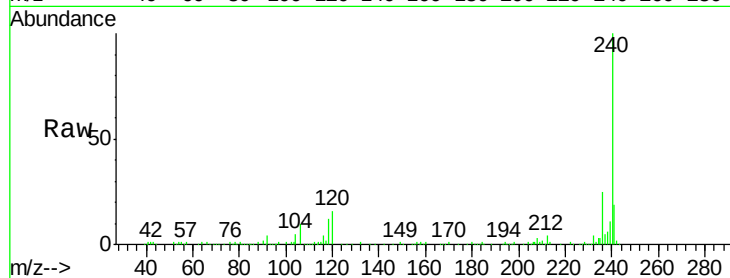
Tot Ion:240 Resp: 210355

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

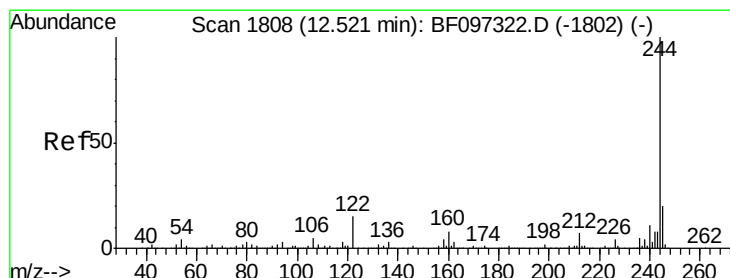
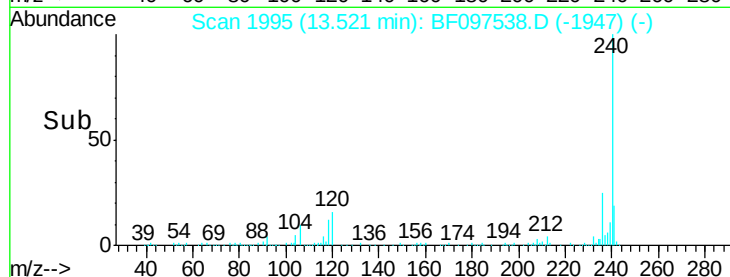
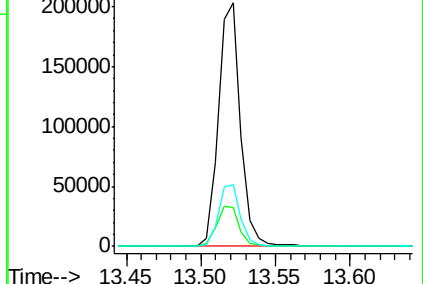
236 25.2 20.5 30.7



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: 38.32 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

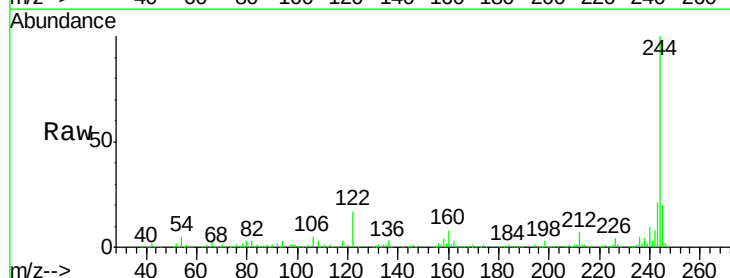
Tgt Ion:244 Resp: 395377

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

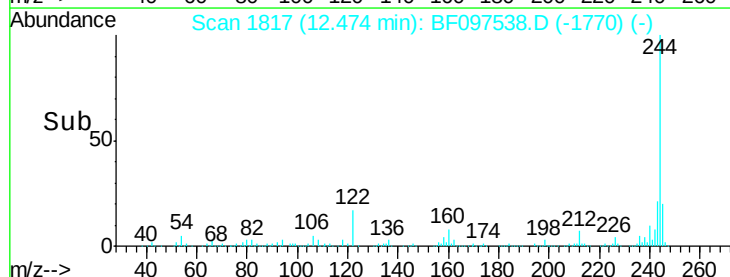
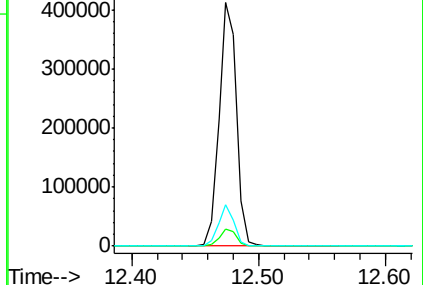
122 16.7 10.3 15.5#

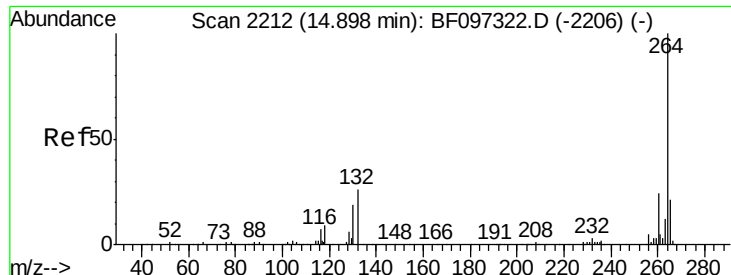


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

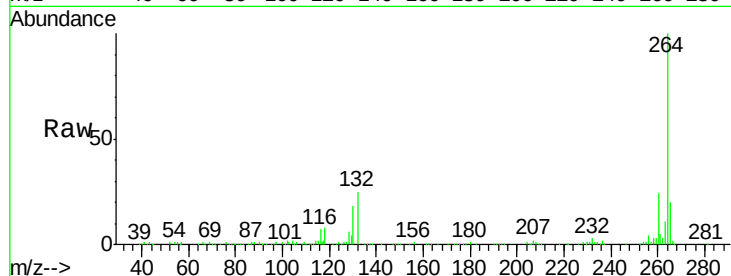




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-E10-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.5	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

