

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097552.D
 Acq On : 10 Aug 2017 10:15
 Operator : SJ/JU
 Sample : I4627-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 13:26:22 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

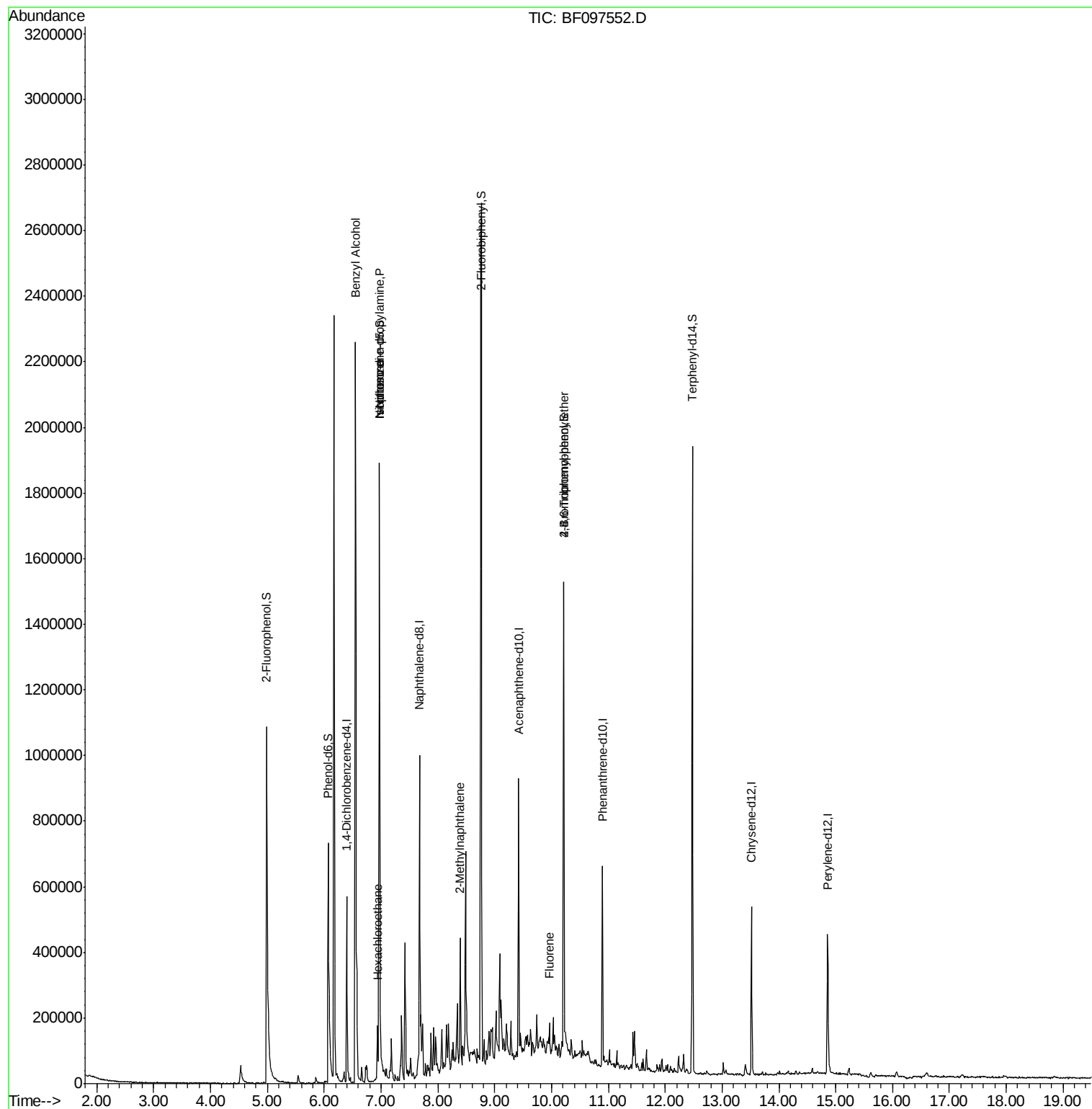
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	100189	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	417325	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	155189	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	222026	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	186720	20.00	ng	-0.02
86) Perylene-d12	14.86	264	164764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	495356	74.53	ng	-0.02
7) Phenol-d6	6.07	99	376064	49.56	ng	-0.02
23) Nitrobenzene-d5	6.97	82	655139	92.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	176463	143.92	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	943998	103.23	ng	-0.01
78) Terphenyl-d14	12.48	244	615574	67.22	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.55	79	10575	2.201	ng	# 34
18) Hexachloroethane	6.93	117	24310	8.755	ng	# 24
19) n-Nitroso-di-n-propylamine	6.97	70	88601	17.741	ng	# 88
25) Isophorone	6.97	82	655139	47.026	ng	# 67
37) 2-Methylnaphthalene	8.39	142	102289	8.212	ng	# 98
57) Fluorene	9.97	166	18170	2.058	ng	# 87
66) 4-Bromophenyl-phenylether	10.22	248	10609	4.788	ng	# 1

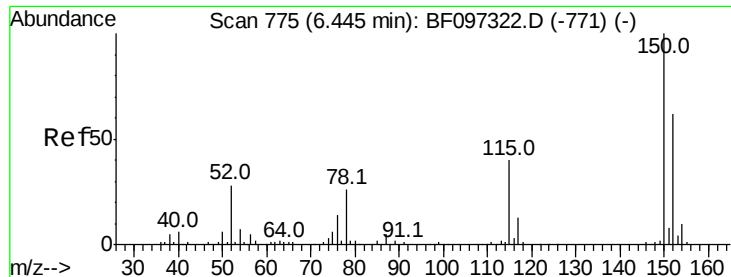
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097552.D
Acq On : 10 Aug 2017 10:15
Operator : SJ/JU
Sample : I4627-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 10 13:26:22 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



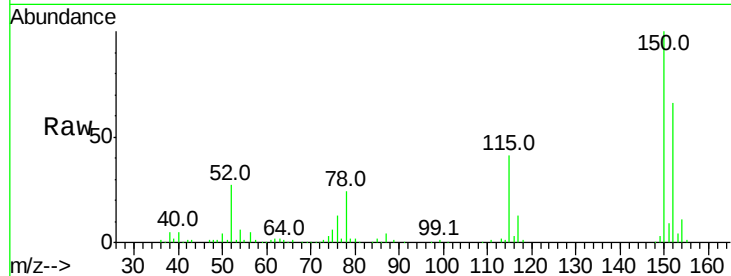


#1

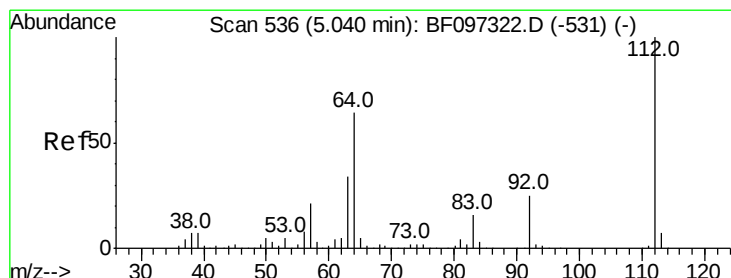
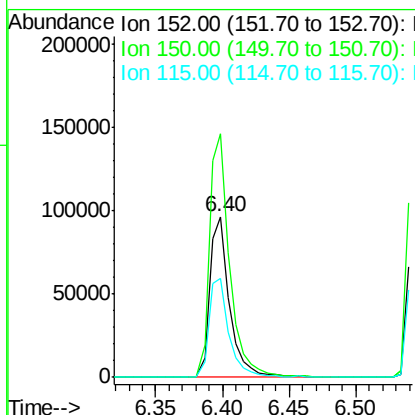
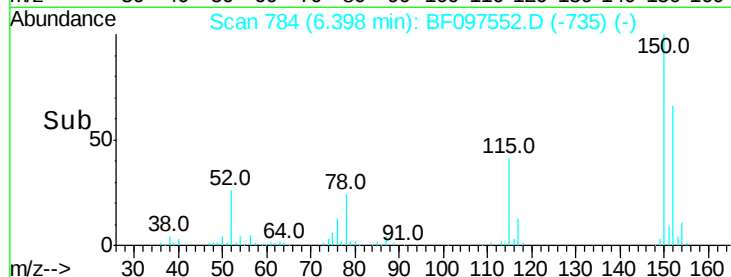
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097552.D
 Acq: 10 Aug 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 100189
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.2 189.2
 115 61.9 52.2 78.2



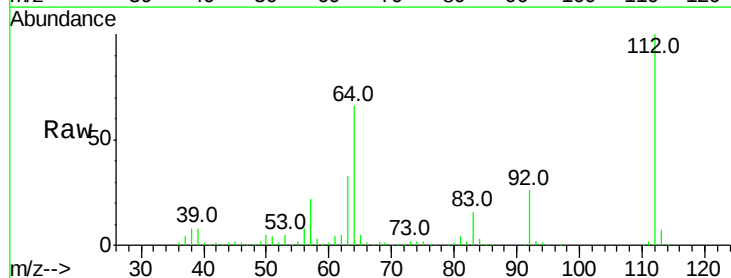
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



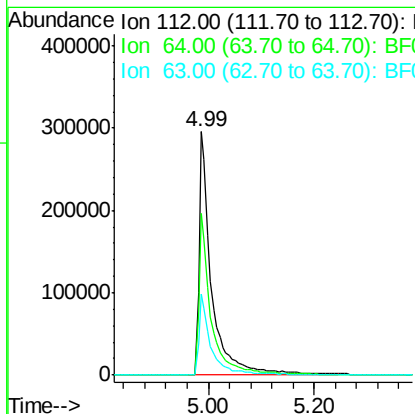
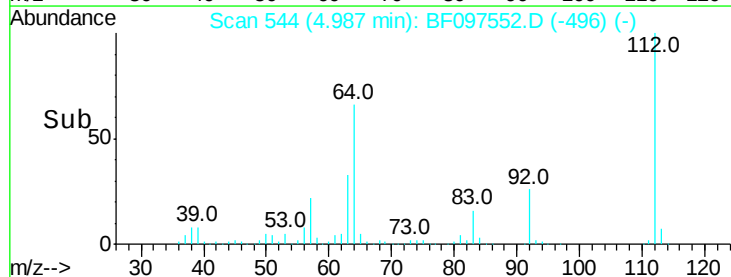
#5

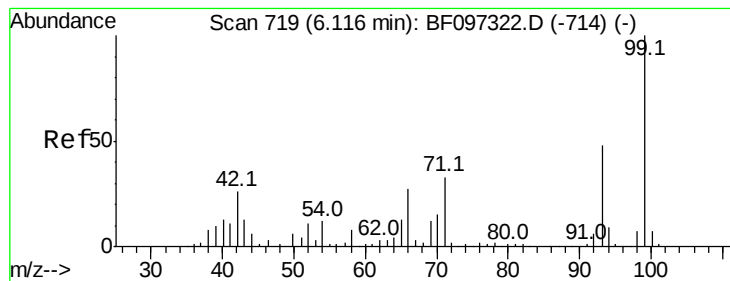
2-Fluorophenol
 Concen: 74.533 ng
 RT: 4.99 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF097552.D
 Acq: 10 Aug 2017 10:15

Tgt Ion:112 Resp: 495356
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.0 69.0
 63 33.3 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: 49.565 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampled :

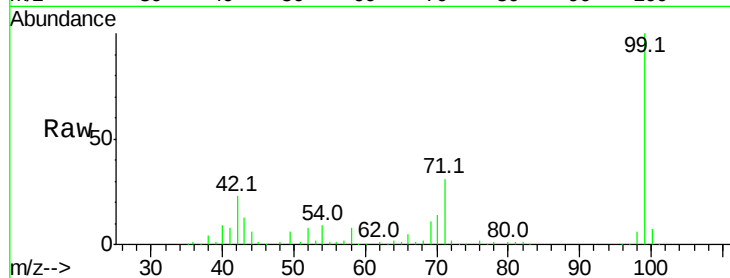
Tot Ion: 99 Resp: 376064

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

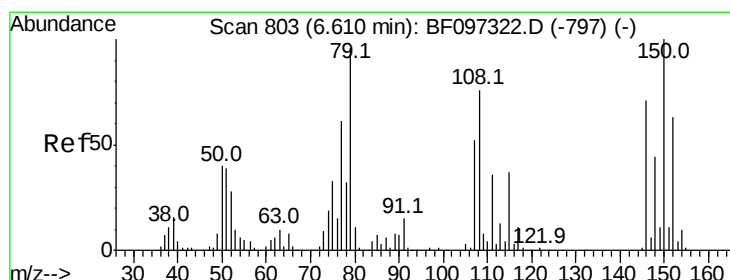
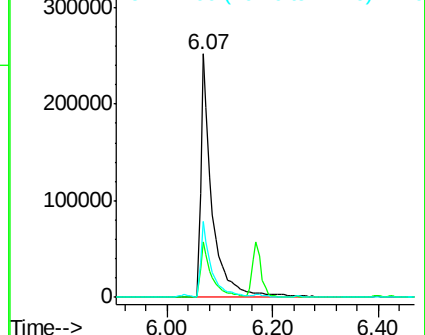
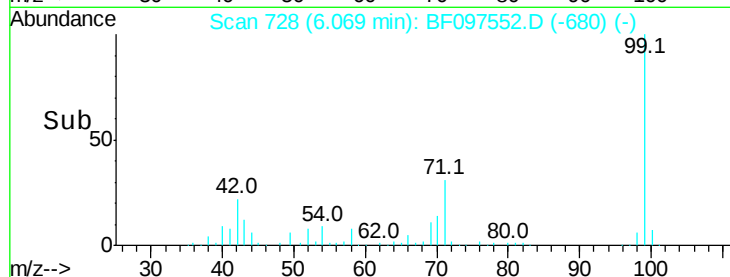
71 31.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.201 ng

RT: 6.55 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

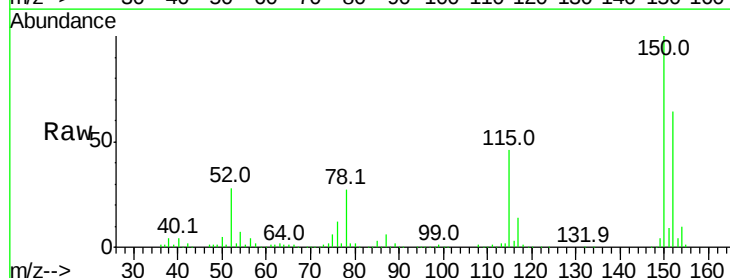
Tgt Ion: 79 Resp: 10575

Ion Ratio Lower Upper

79 100

108 28.4 63.4 95.0#

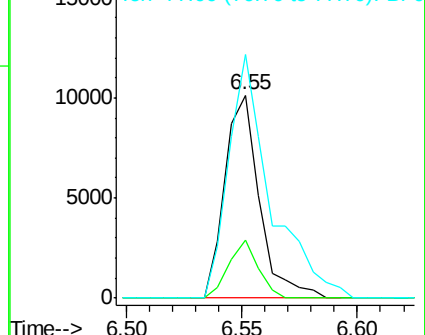
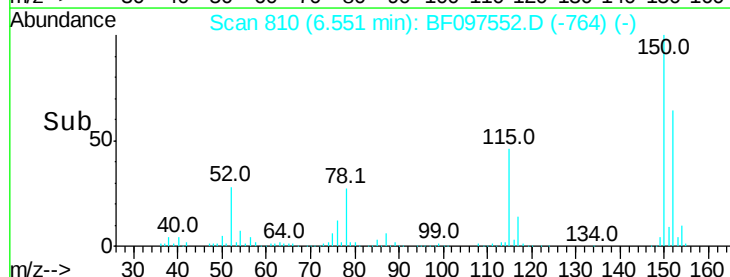
77 119.8 49.2 73.8#

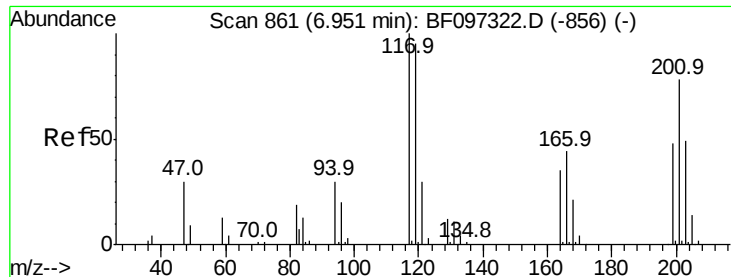


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

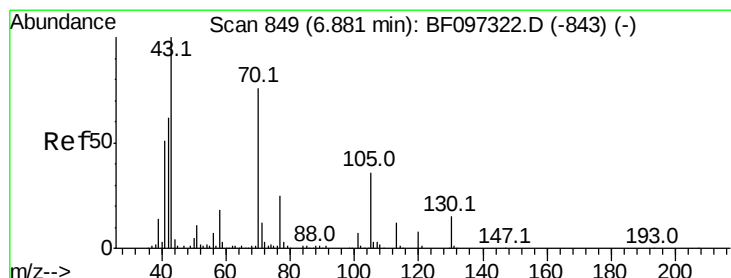
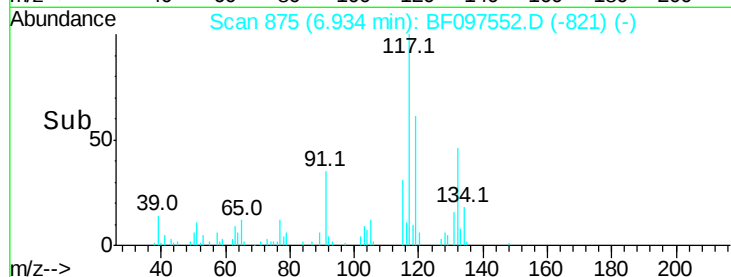
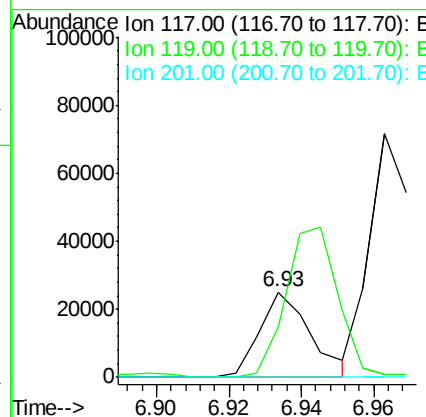
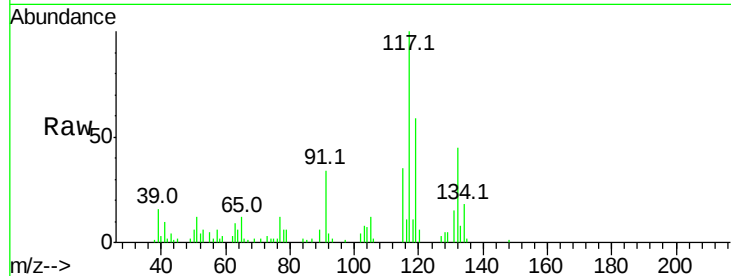




#18
Hexachloroethane
Concen: 8.755 ng
RT: 6.93 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

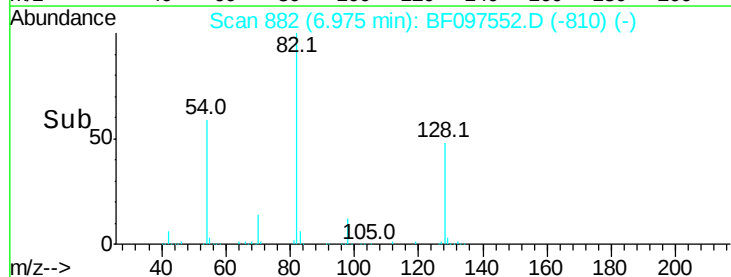
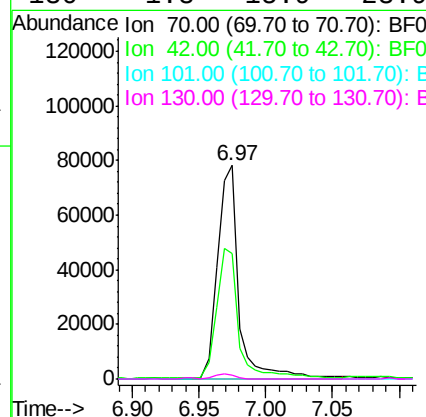
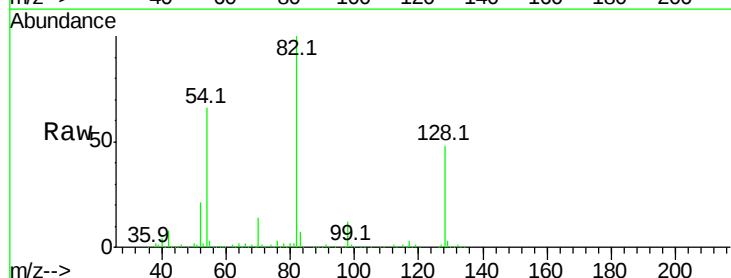
Instrument :
BNA_F
ClientSampled :

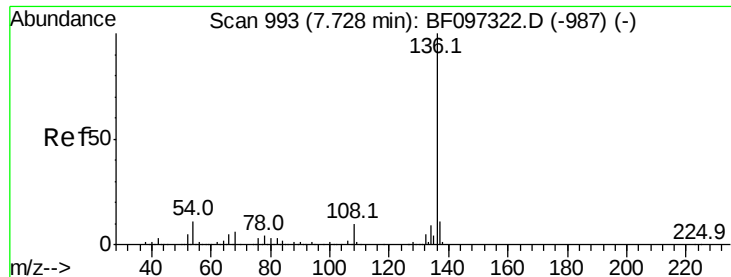
Tot Ion:117 Resp: 24310
Ion Ratio Lower Upper
117 100
119 59.4 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.741 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

Tgt Ion: 70 Resp: 88601
Ion Ratio Lower Upper
70 100
42 58.7 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 417325

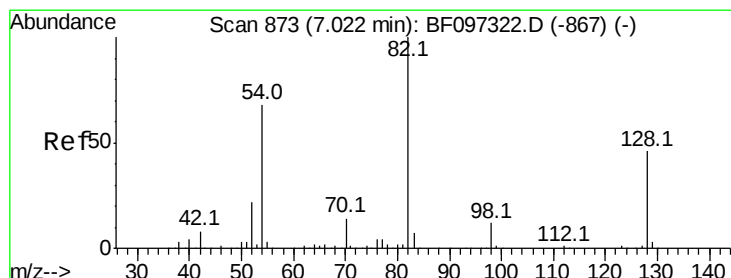
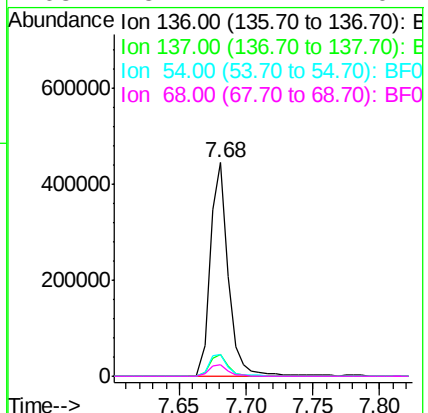
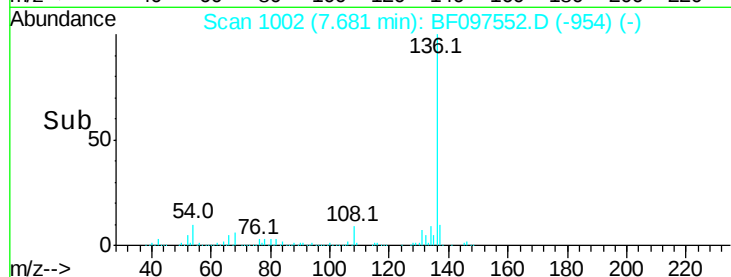
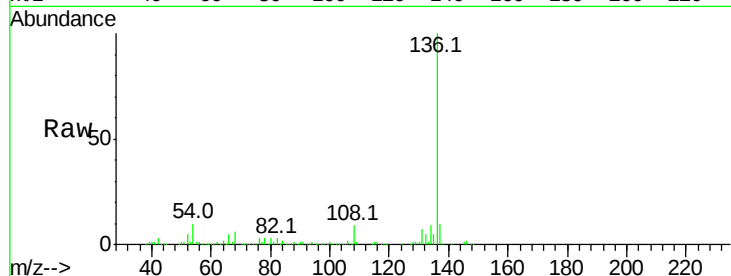
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 10.1 4.9 7.3#

68 5.7 4.1 6.1



#23

Nitrobenzene-d5

Concen: 92.094 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

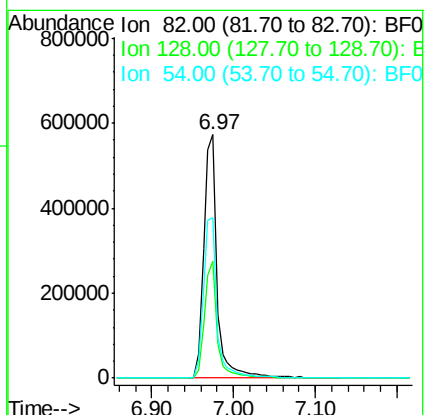
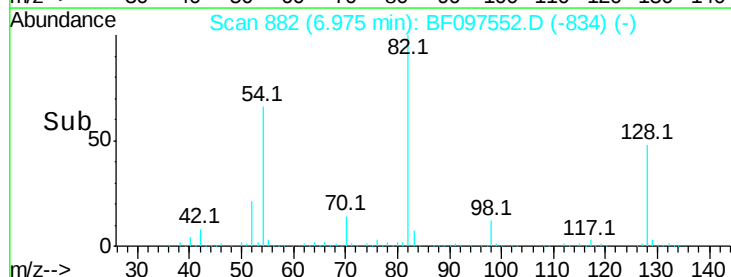
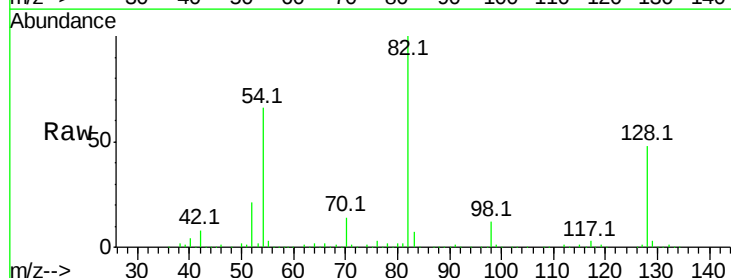
Tgt Ion: 82 Resp: 655139

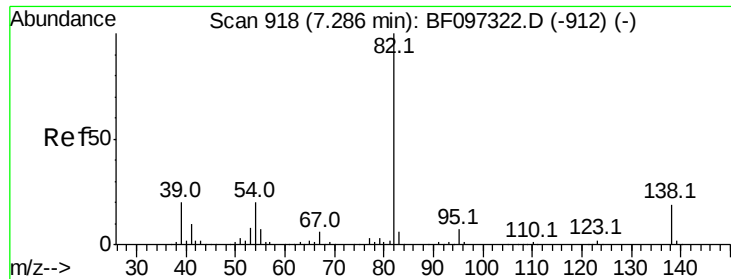
Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

54 65.9 42.2 63.2#

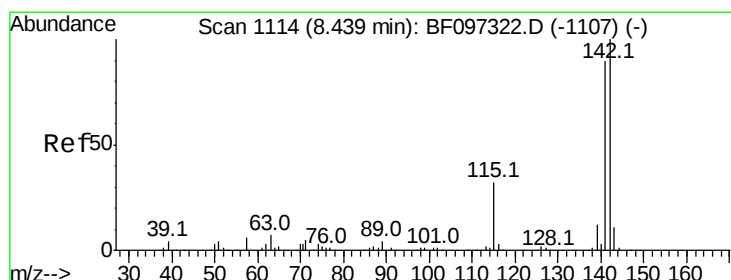
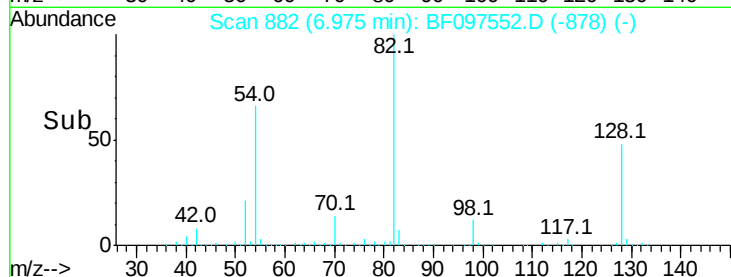
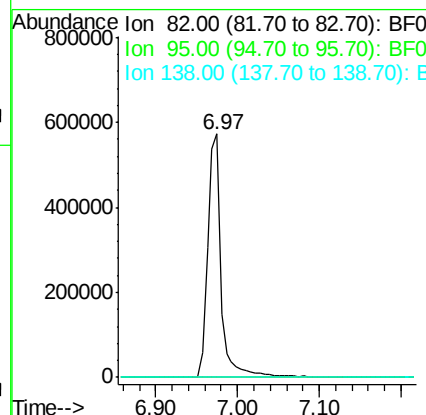
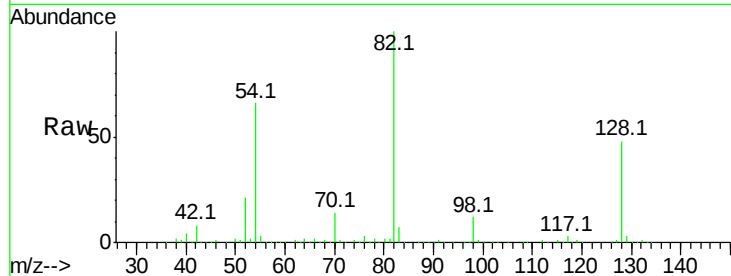




#25
Isophorone
Concen: 47.026 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

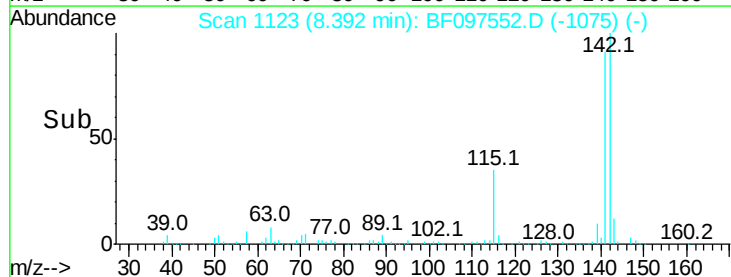
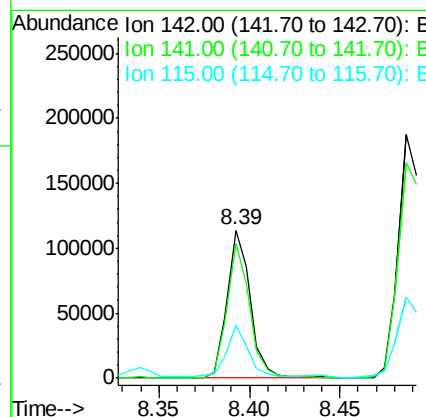
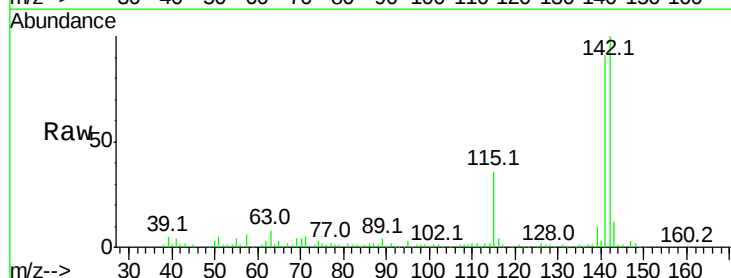
Instrument :
BNA_F
ClientSampleId :

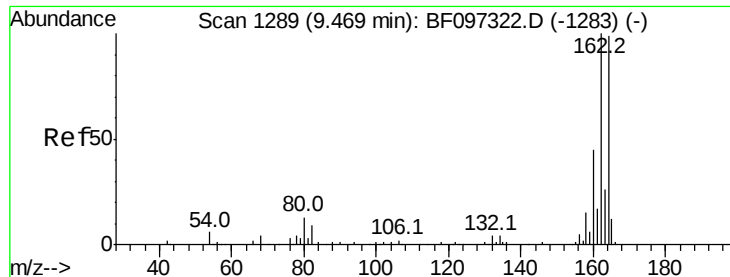
Tot Ion: 82 Resp: 655139
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#37
2-Methylnaphthalene
Concen: 8.212 ng
RT: 8.39 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

Tgt Ion: 142 Resp: 102289
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 36.0 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampleId :

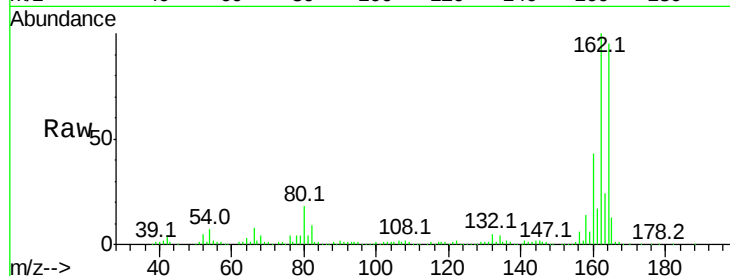
Tot Ion:164 Resp: 155189

Ion Ratio Lower Upper

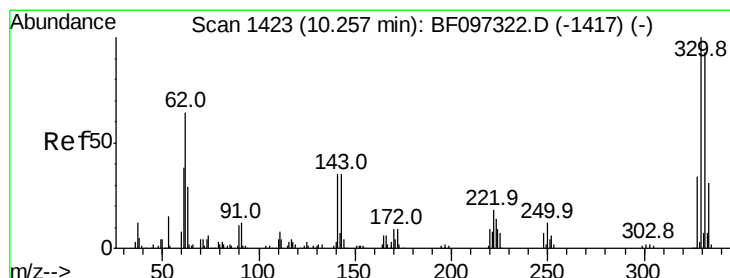
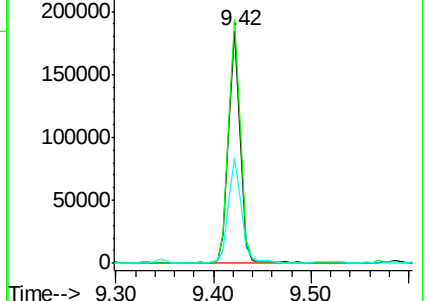
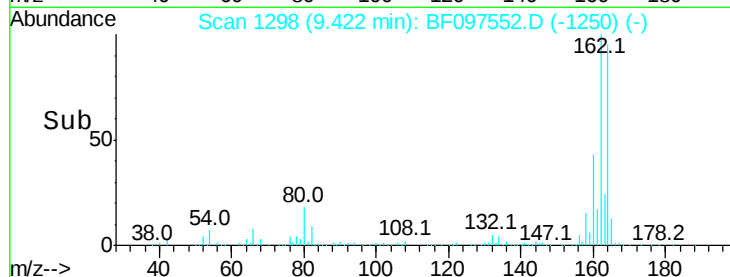
164 100

162 104.8 82.6 123.8

160 45.5 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: 143.917 ng

RT: 10.22 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

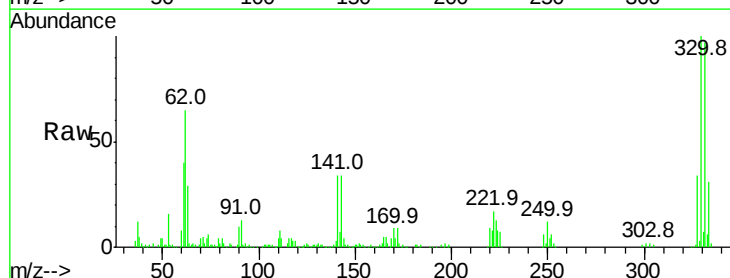
Tgt Ion:330 Resp: 176463

Ion Ratio Lower Upper

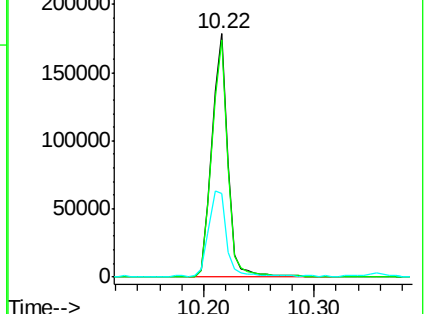
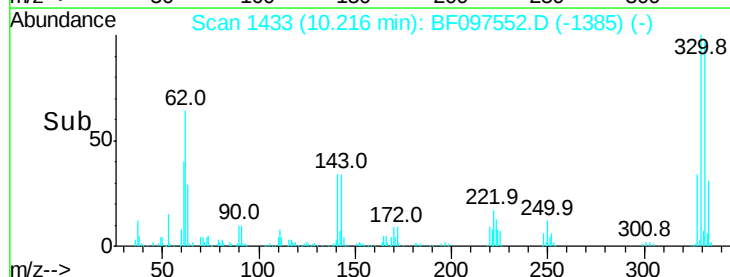
330 100

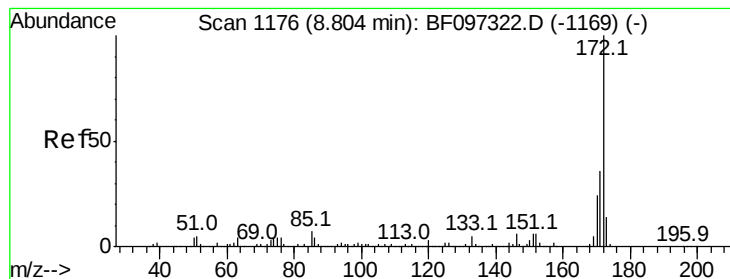
332 97.2 76.6 115.0

141 40.2 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: 103.233 ng

RT: 8.76 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampled :

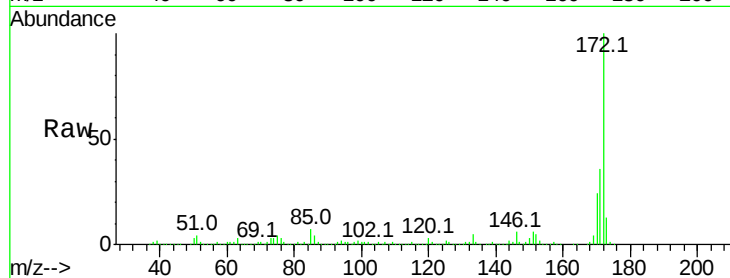
Tot Ion:172 Resp: 943998

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

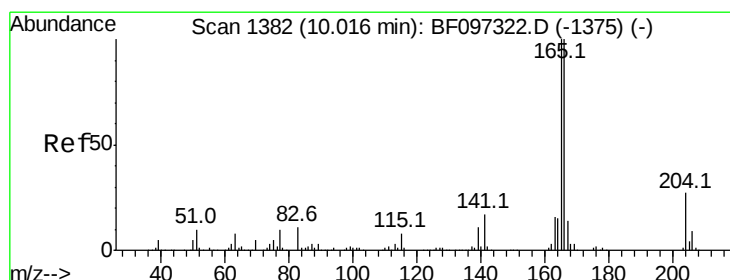
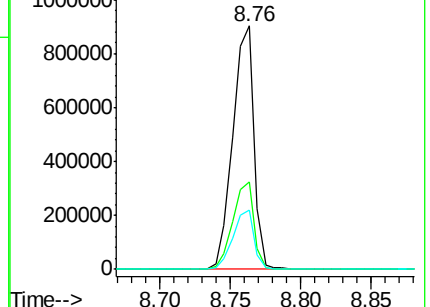
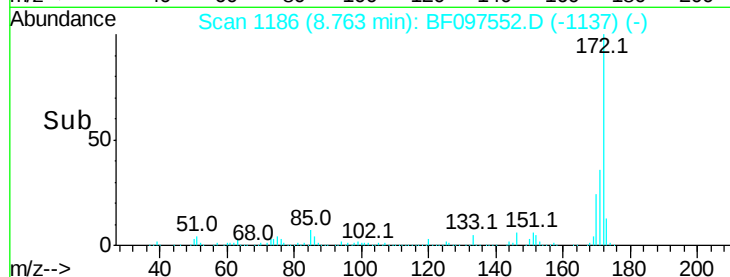
170 24.3 19.8 29.8



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



#57

Fluorene

Concen: 2.058 ng

RT: 9.97 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

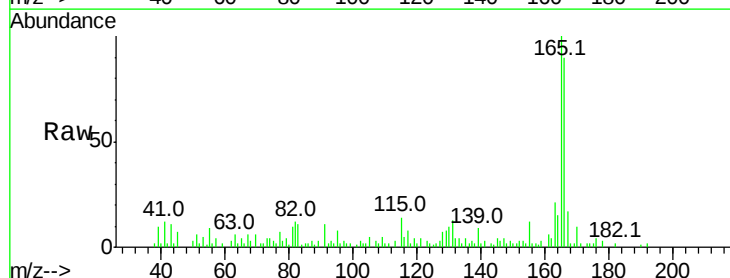
Tgt Ion:166 Resp: 18170

Ion Ratio Lower Upper

166 100

165 110.9 78.8 118.2

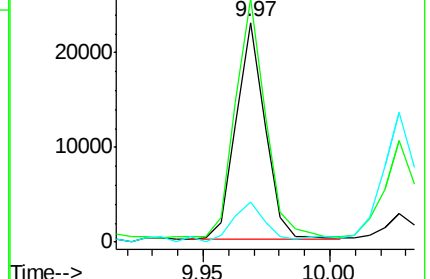
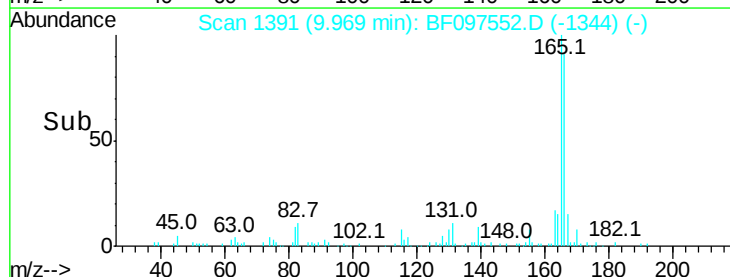
167 18.5 10.6 16.0#

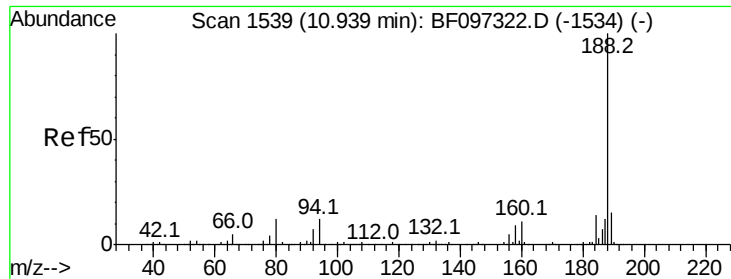


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampleId :

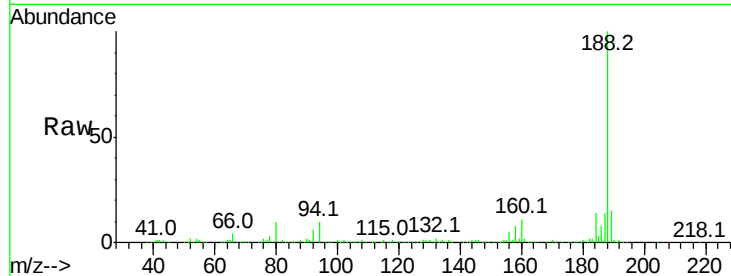
Tot Ion:188 Resp: 222026

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

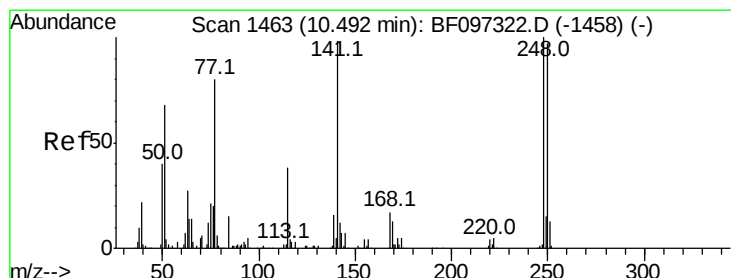
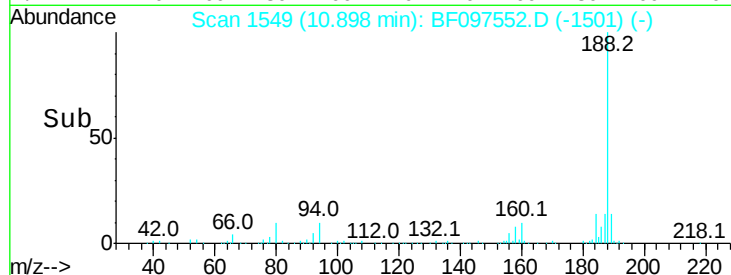
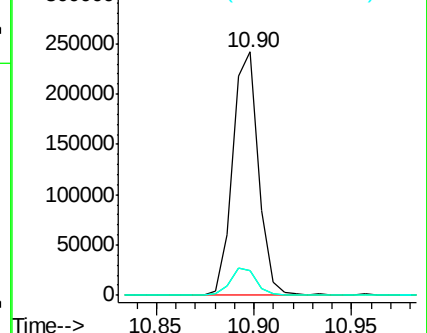
80 9.9 10.2 15.2#



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: 4.788 ng

RT: 10.22 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

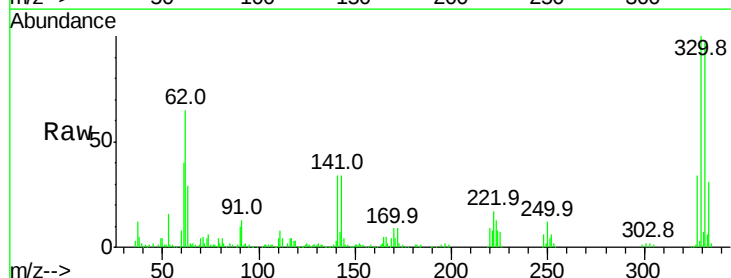
Tgt Ion:248 Resp: 10609

Ion Ratio Lower Upper

248 100

250 199.3 76.8 115.2#

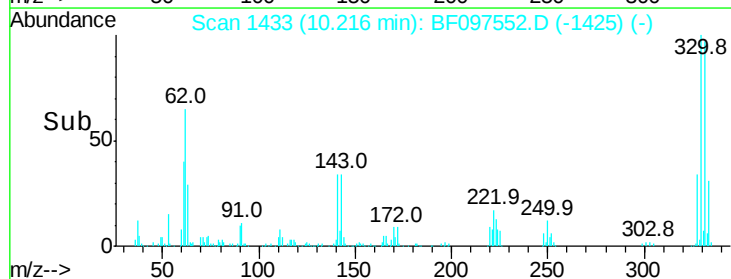
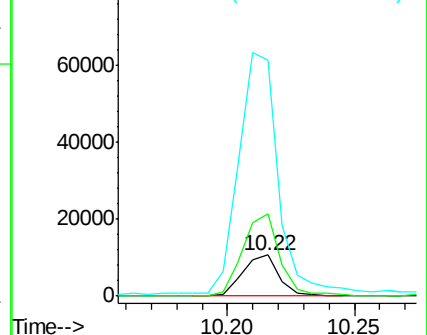
141 575.7 68.6 103.0#

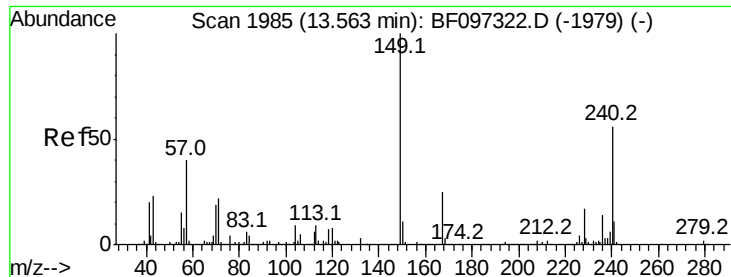


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

Instrument :

BNA_F

ClientSampleId :

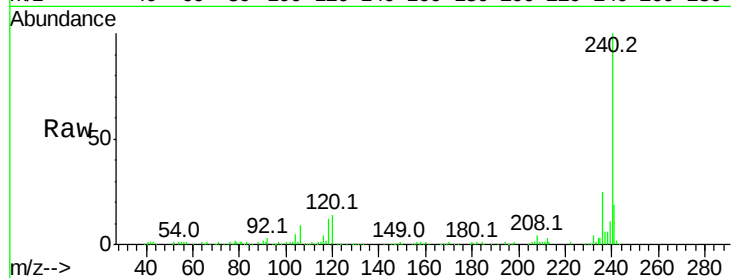
Tot Ion:240 Resp: 186720

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

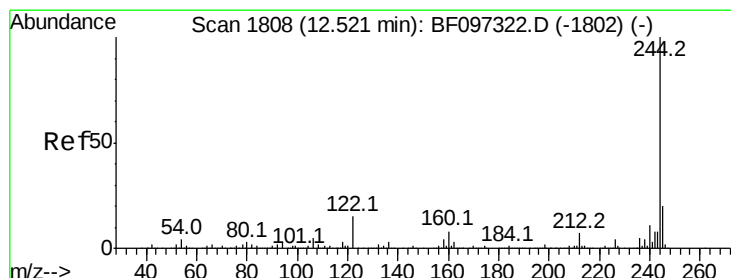
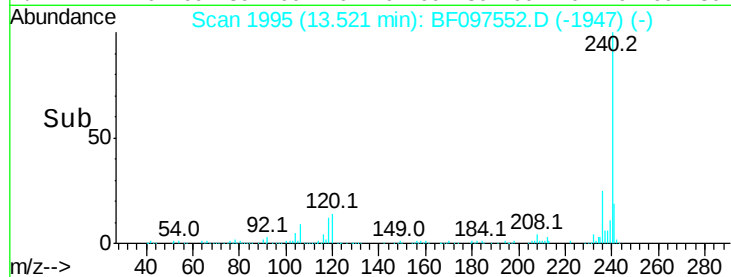
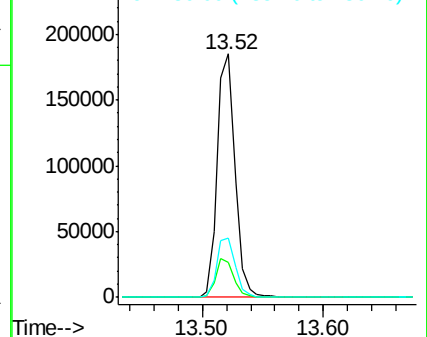
236 24.5 20.5 30.7



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: 67.216 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097552.D

Acq: 10 Aug 2017 10:15

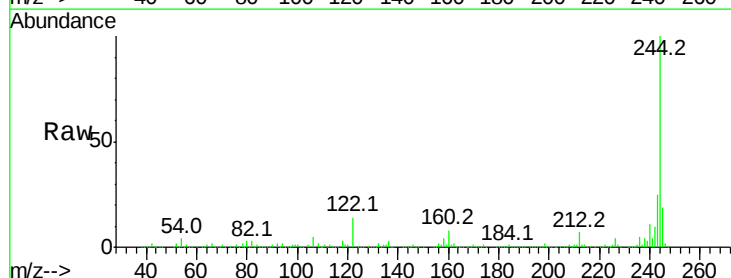
Tgt Ion:244 Resp: 615574

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

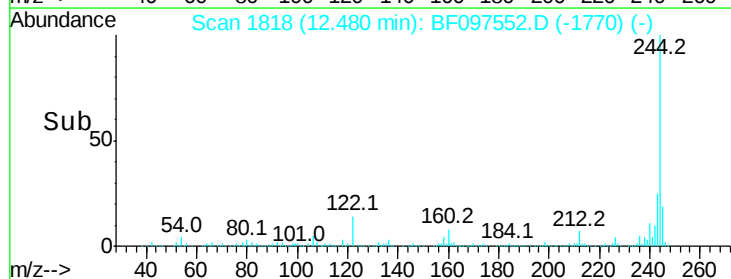
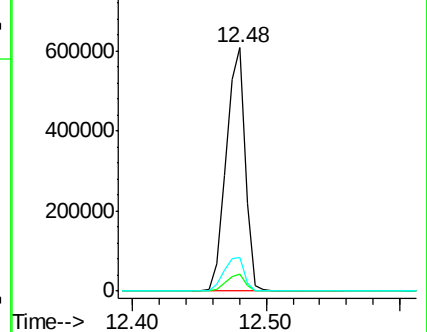
122 13.8 10.3 15.5

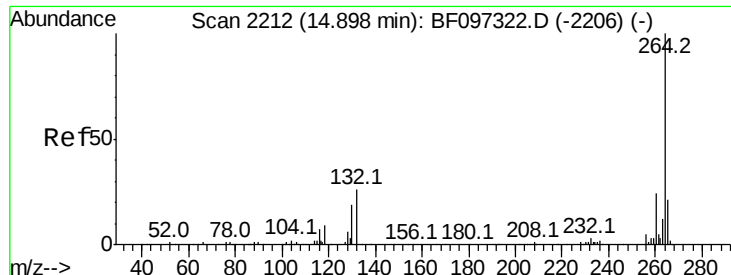


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

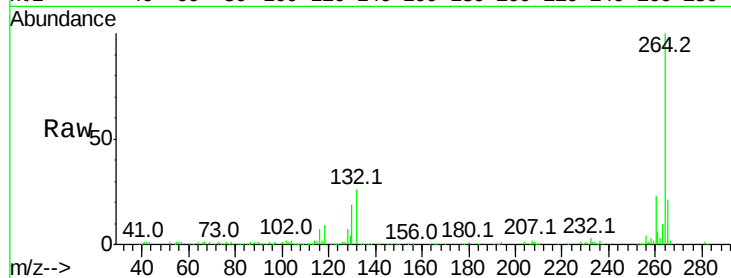




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097552.D
Acq: 10 Aug 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	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

