

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097435.D
 Acq On : 7 Aug 2017 18:02
 Operator : SJ/JU
 Sample : I4638-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Quant Time: Aug 08 04:47:19 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

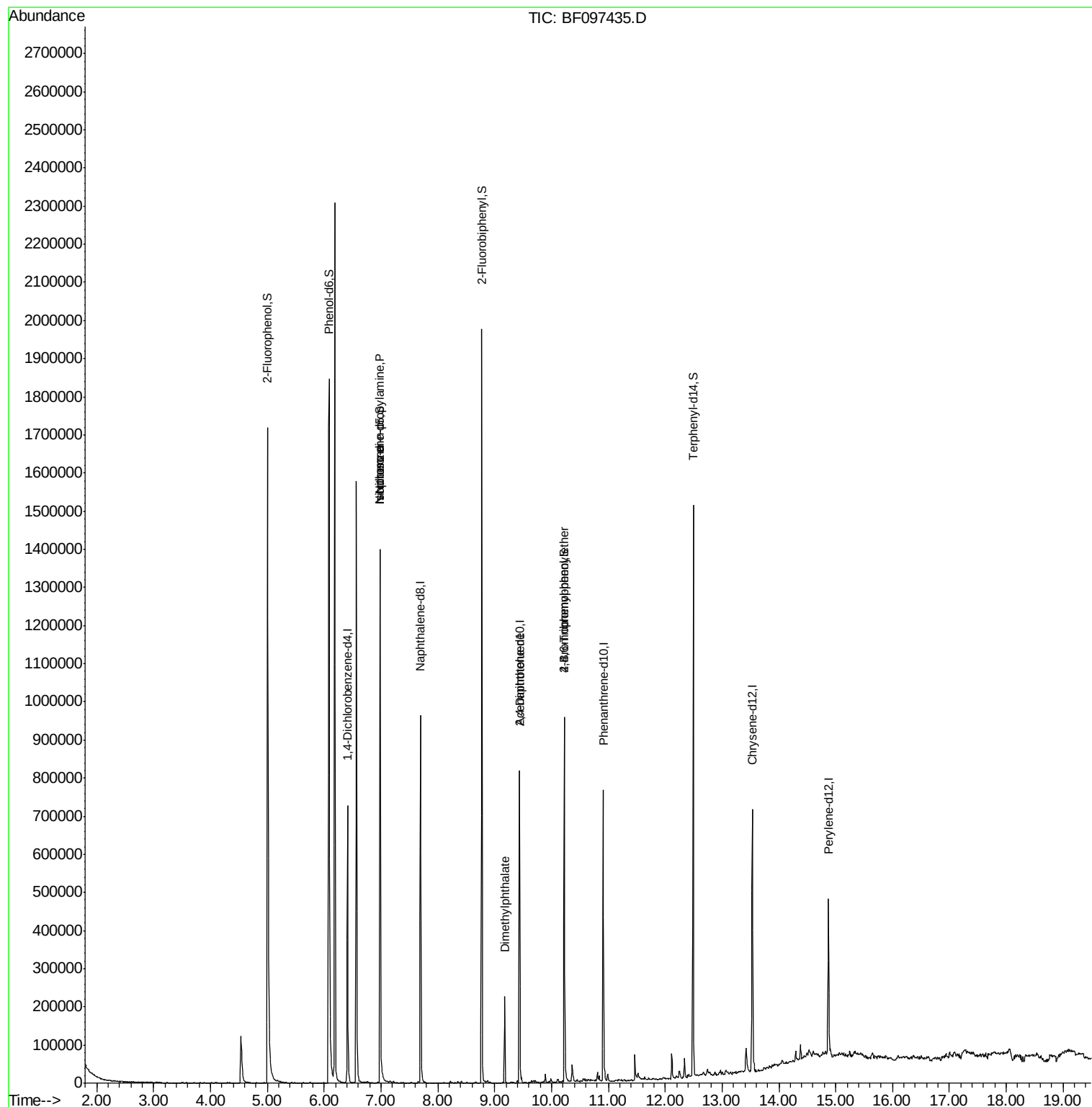
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	106550	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	409303	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	170850	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	256225	20.00	ng	0.00
75) Chrysene-d12	13.53	240	214297	20.00	ng	0.00
86) Perylene-d12	14.87	264	164408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	587210	83.08	ng	0.00
7) Phenol-d6	6.09	99	709939	87.98	ng	0.00
23) Nitrobenzene-d5	6.98	82	465509	66.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	112487	83.33	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	618050	61.39	ng	0.00
78) Terphenyl-d14	12.49	244	430960	41.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.98	70	62196	11.71	ng	# 84
25) Isophorone	6.98	82	465507	34.07	ng	# 67
49) Dimethylphthalate	9.17	163	87706	6.76	ng	97
56) 2,4-Dinitrotoluene	9.43	165	22237	7.03	ng	# 32
66) 4-Bromophenyl-phenylether	10.23	248	6844	2.68	ng	# 1

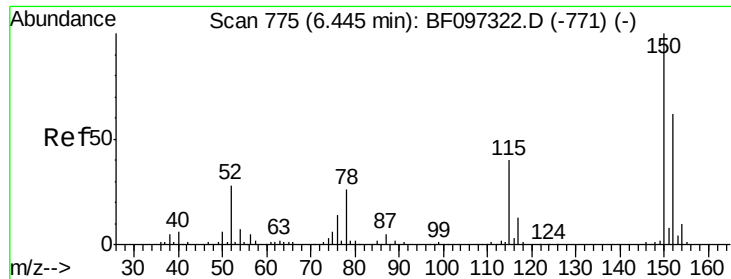
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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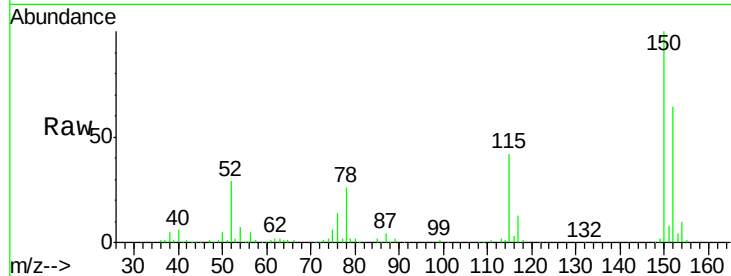


#1

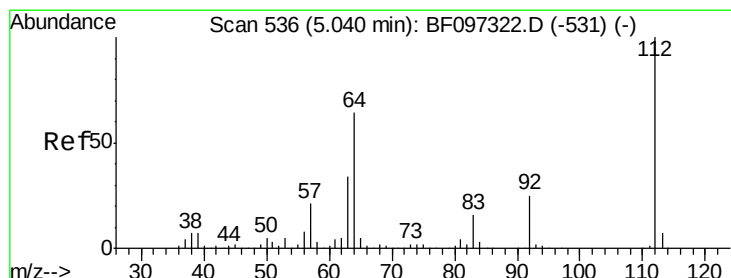
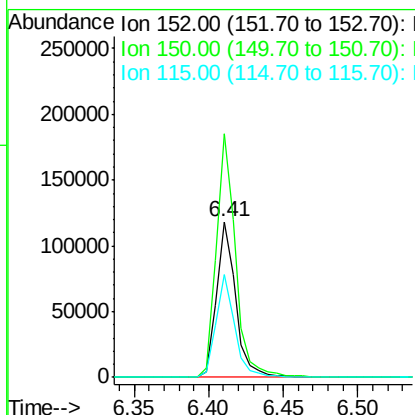
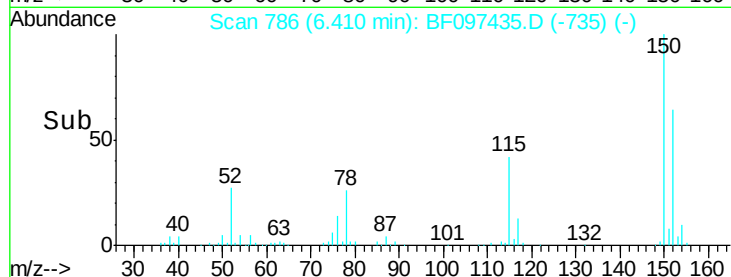
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097435.D
 Acq: 7 Aug 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion:152 Resp: 106550
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 65.7 52.2 78.2



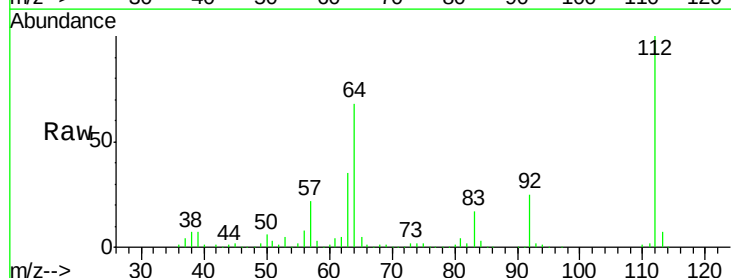
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



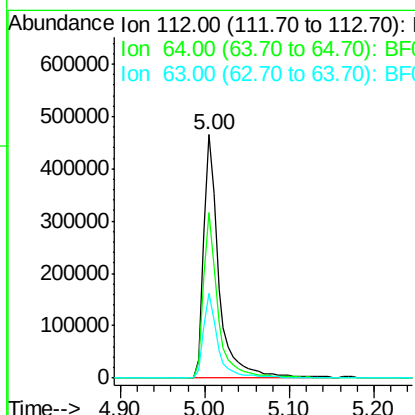
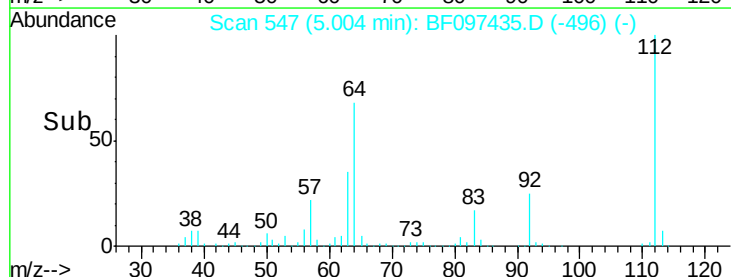
#5

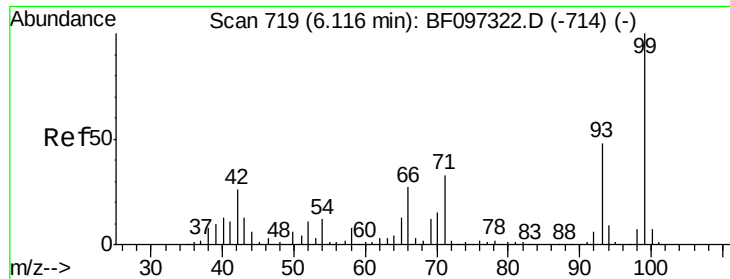
2-Fluorophenol
 Concen: 83.08 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097435.D
 Acq: 7 Aug 2017 18:02

Tgt Ion:112 Resp: 587210
 Ion Ratio Lower Upper
 112 100
 64 68.2 46.0 69.0
 63 34.8 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: 87.98 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

Instrument :

BNA_F

ClientSampleId :

SP-COMP

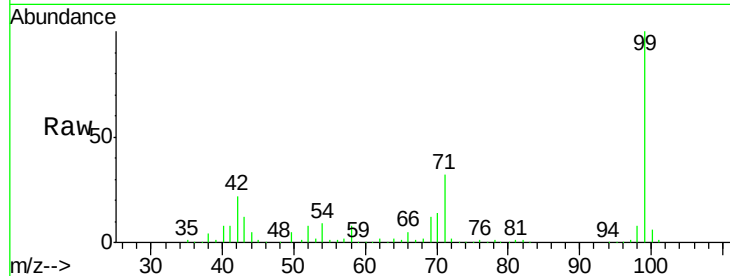
Tot Ion: 99 Resp: 709939

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

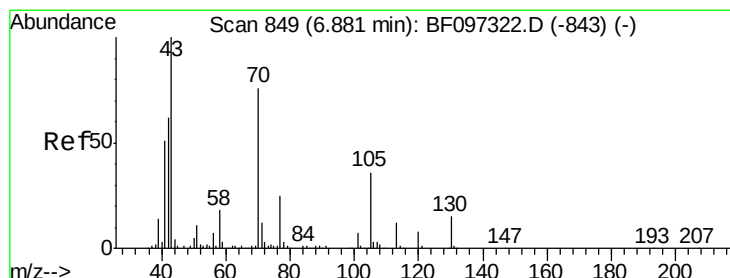
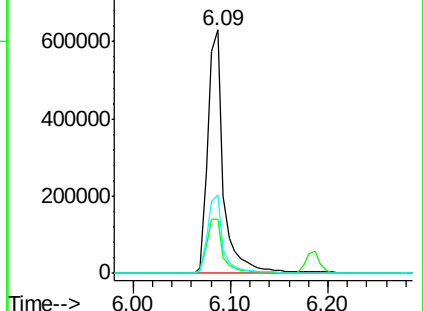
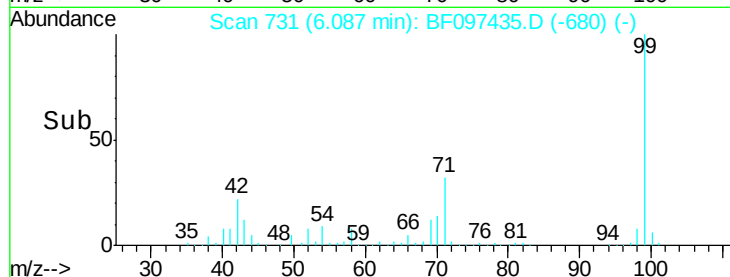
71 32.2 24.5 36.7



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: 11.71 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

Tgt Ion: 70 Resp: 62196

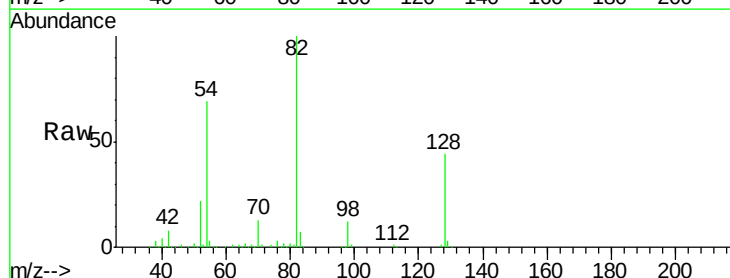
Ion Ratio Lower Upper

70 100

42 63.9 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

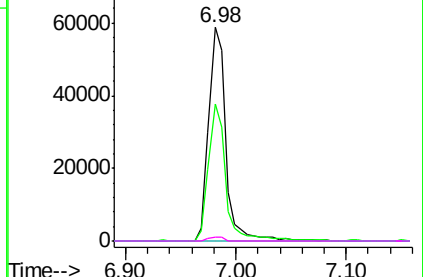
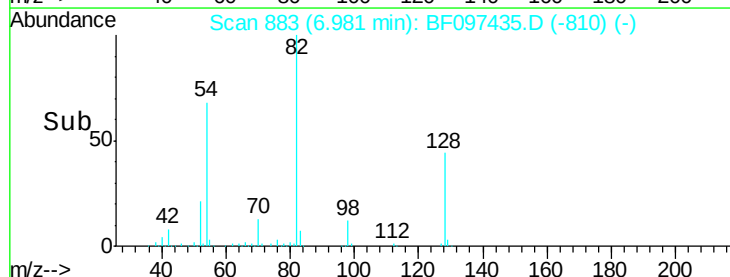


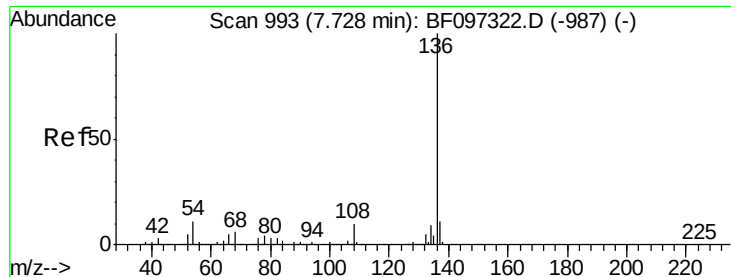
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

Instrument :

BNA_F

ClientSampleId :

SP-COMP

Tot Ion:136 Resp: 409303

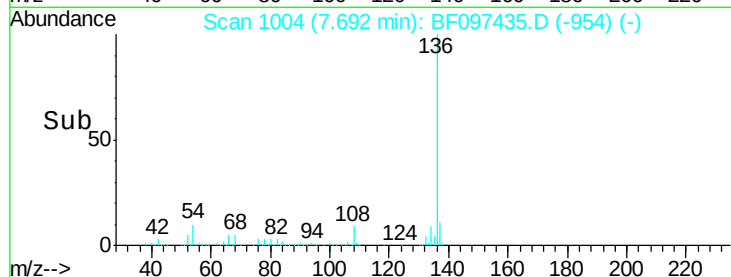
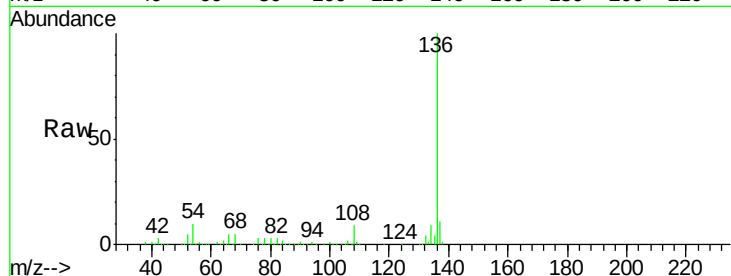
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.1 4.9 7.3#

68 5.5 4.1 6.1

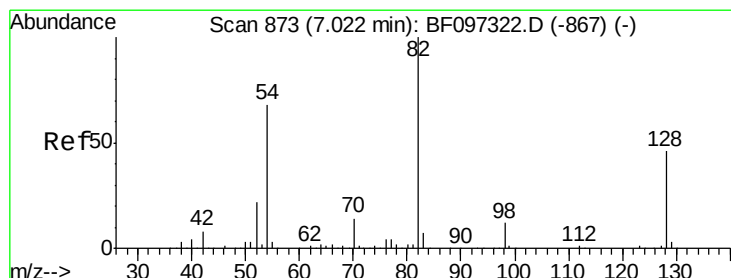
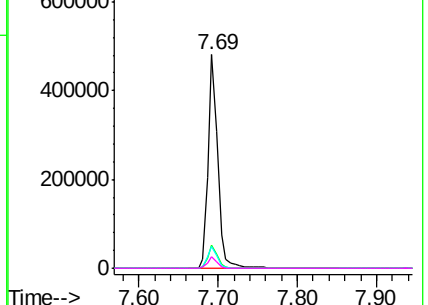


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.72 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

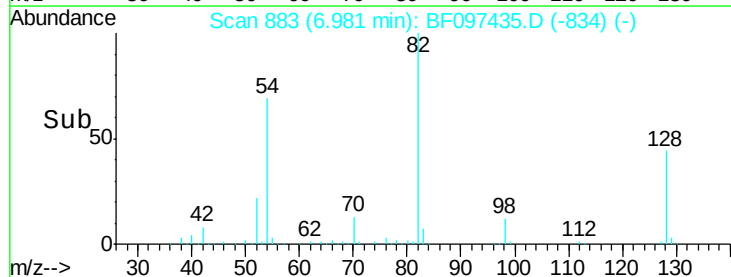
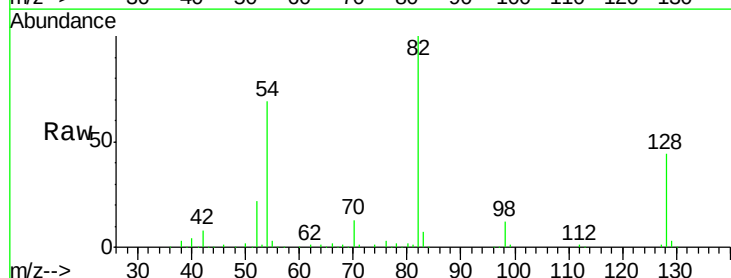
Tgt Ion: 82 Resp: 465509

Ion Ratio Lower Upper

82 100

128 44.0 34.0 51.0

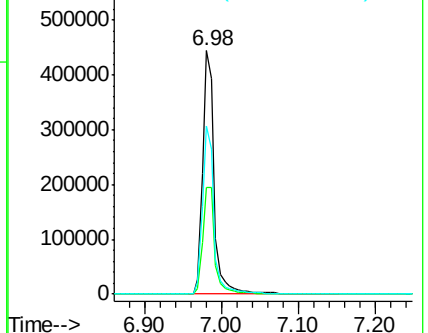
54 68.8 42.2 63.2#

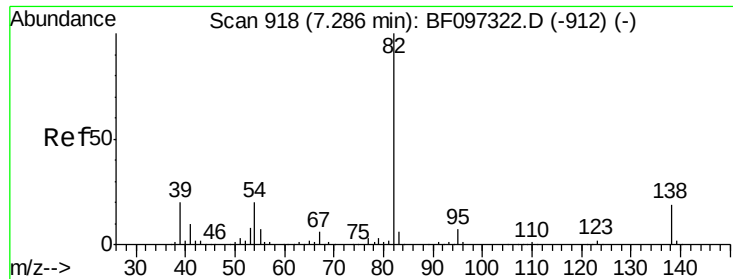


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.07 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

Instrument :

BNA_F

ClientSampleId :

SP-COMP

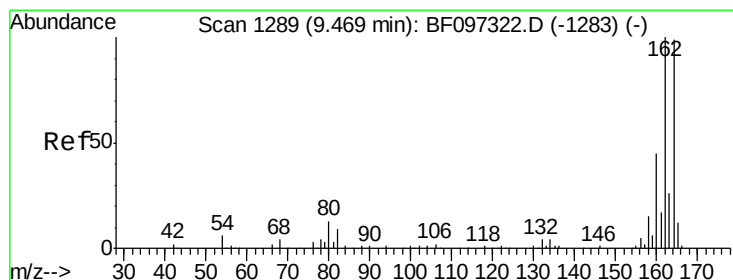
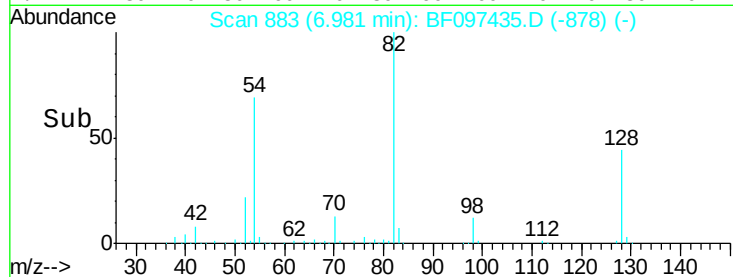
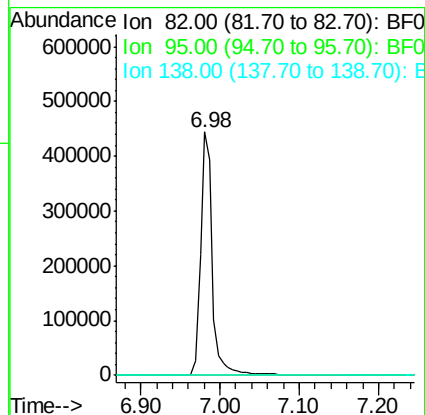
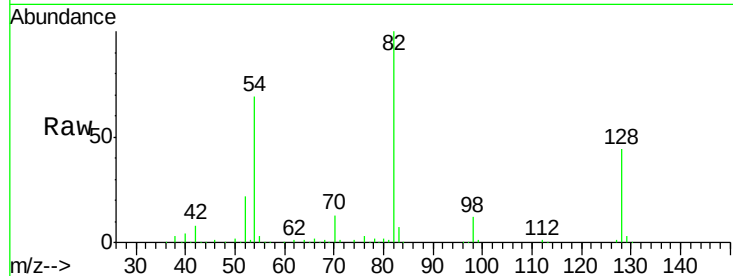
Tot Ion: 82 Resp: 465507

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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

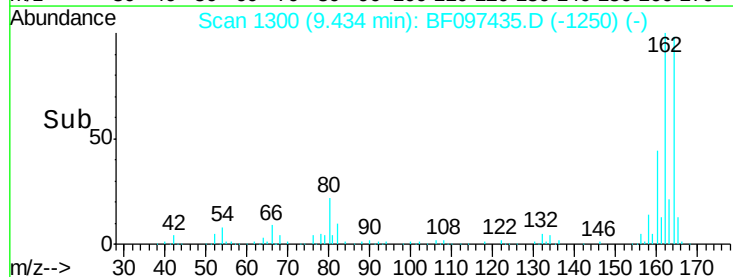
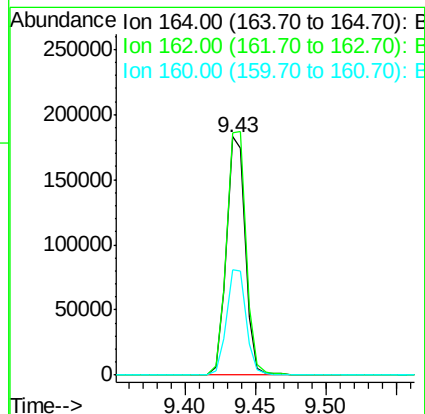
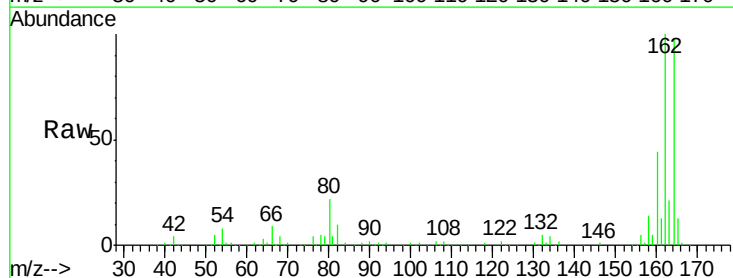
Tgt Ion:164 Resp: 170850

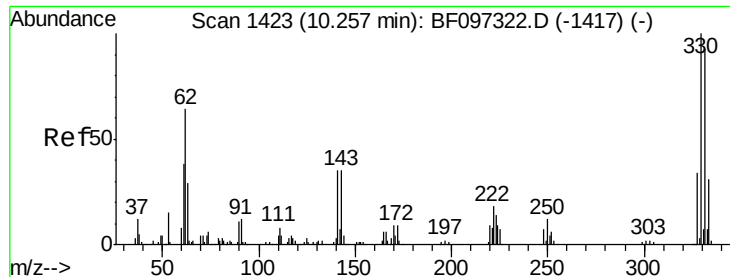
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 44.5 36.2 54.2

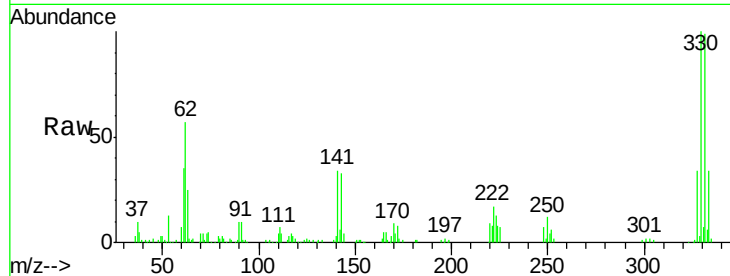




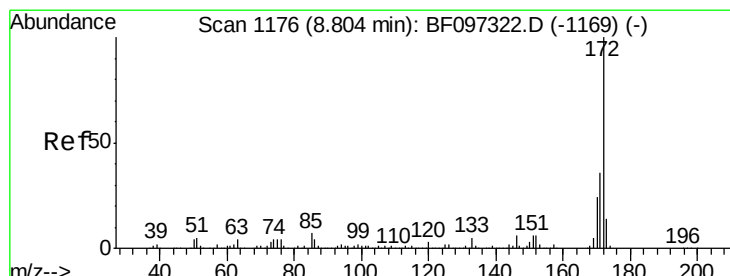
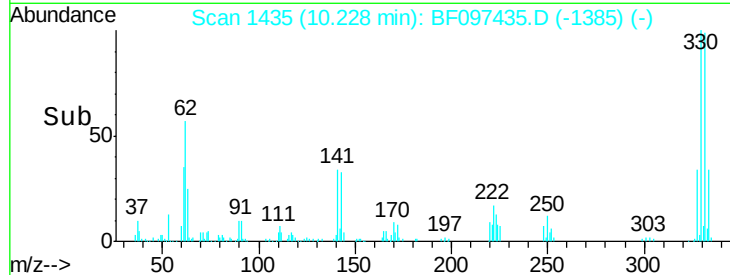
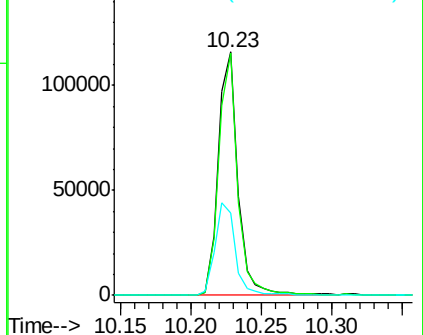
#41
 2,4,6-Tribromophenol
 Concen: 83.33 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097435.D
 Acq: 7 Aug 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.5	31.4	47.2

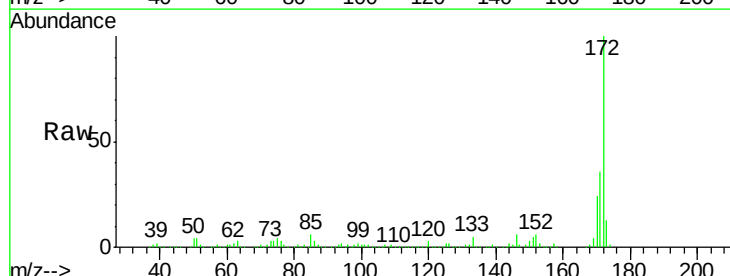


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

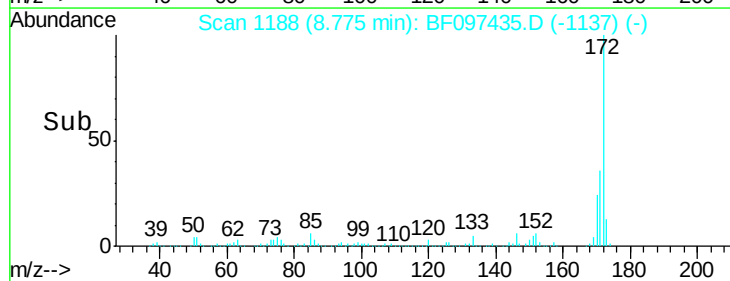
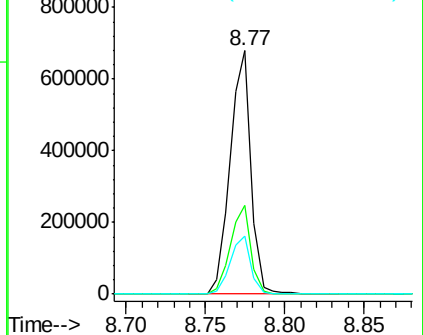


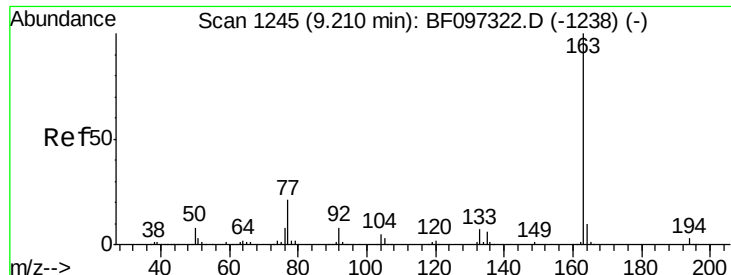
#44
 2-Fluorobiphenyl
 Concen: 61.39 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097435.D
 Acq: 7 Aug 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

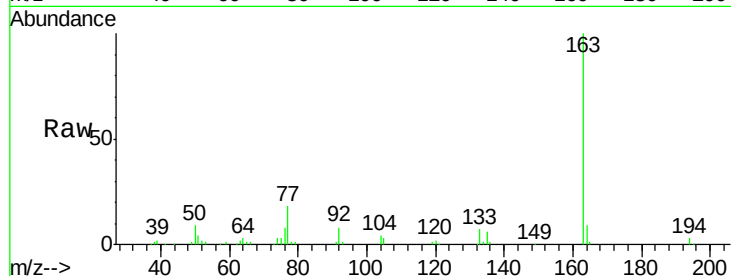




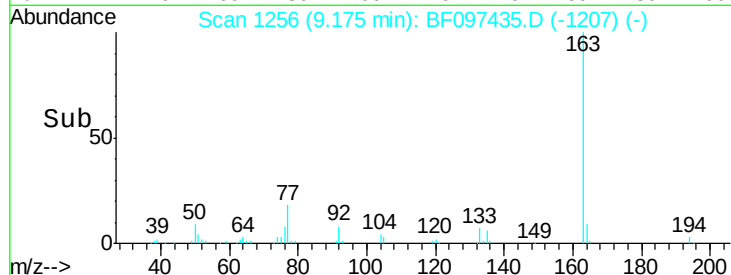
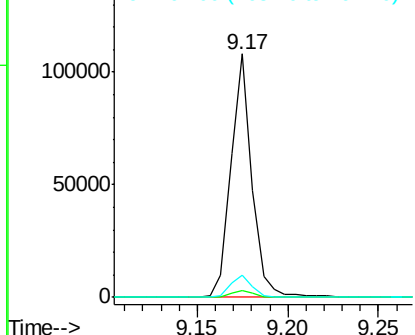
#49
Dimethylphthalate
Concen: 6.76 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097435.D
Acq: 7 Aug 2017 18:02

Instrument :
BNA_F
ClientSampled :
SP-COMP

Tot Ion:163 Resp: 87706
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.4 8.4 12.6

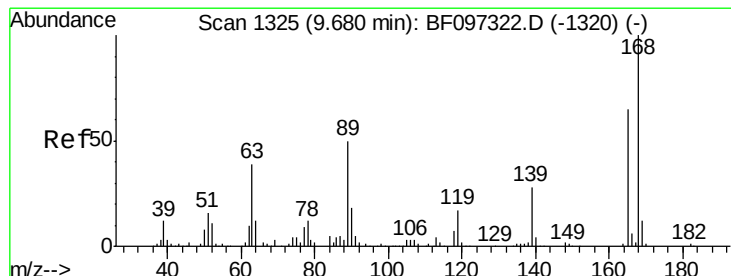


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

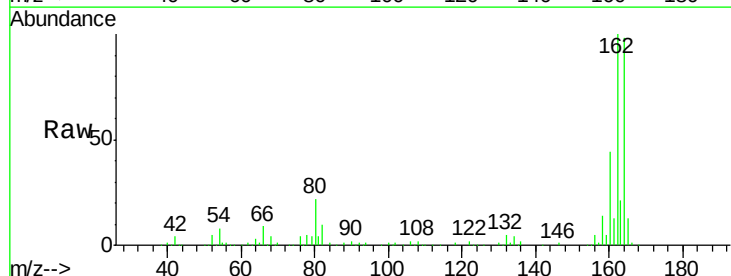
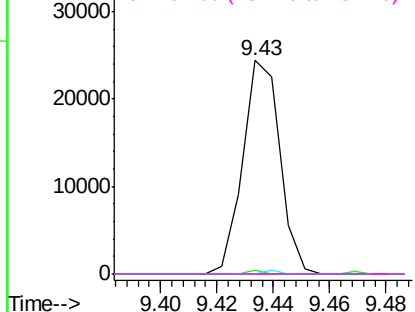


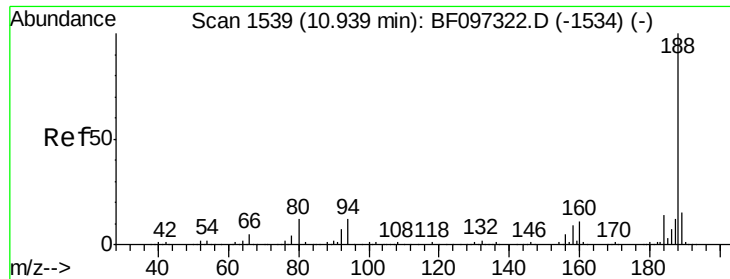
#56
2,4-Dinitrotoluene
Concen: 7.03 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097435.D
Acq: 7 Aug 2017 18:02

Tgt Ion:165 Resp: 22237
Ion Ratio Lower Upper
165 100
63 1.9 25.4 38.0#
89 0.0 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

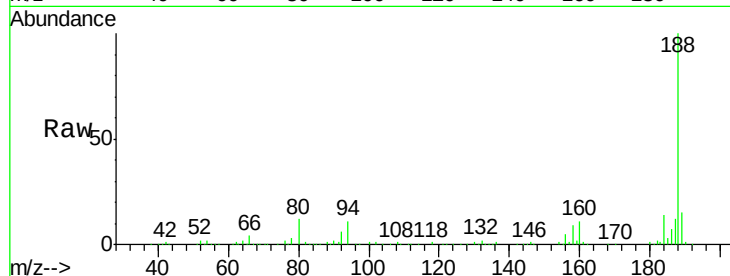




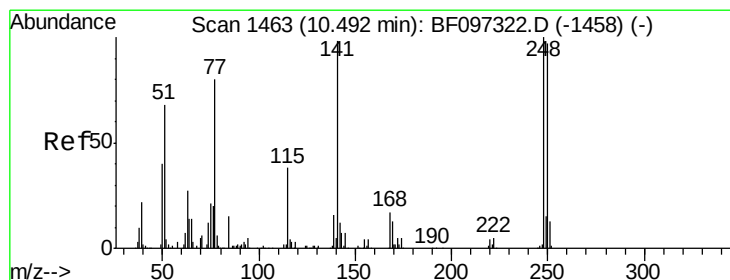
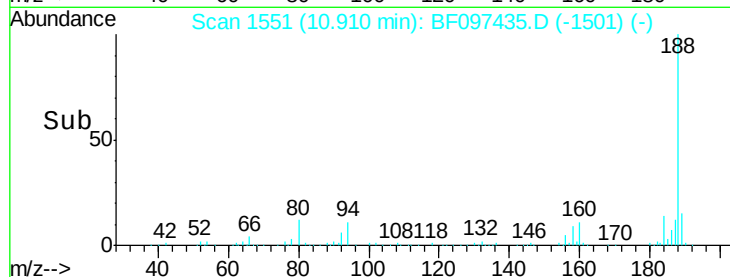
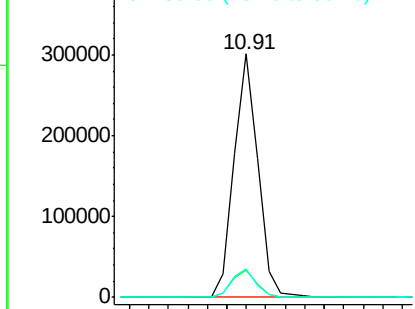
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097435.D
Acq: 7 Aug 2017 18:02

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion:188 Resp: 256225
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.5 10.2 15.2

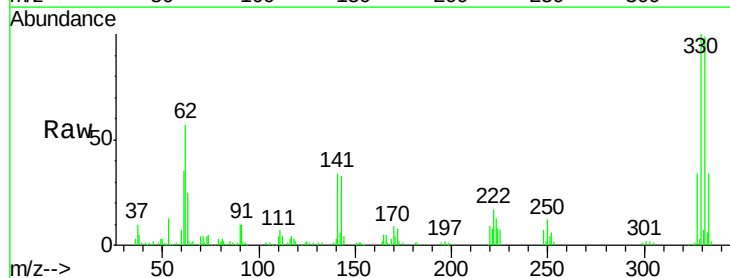


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

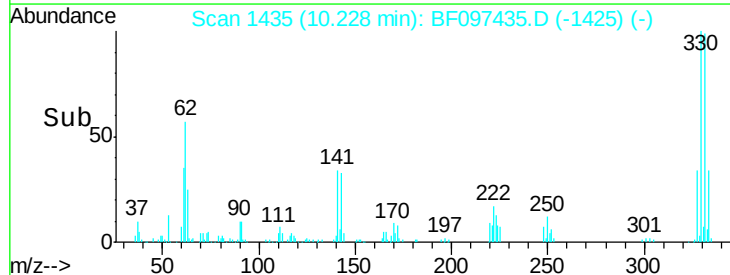
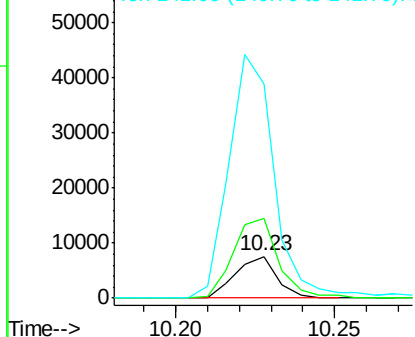


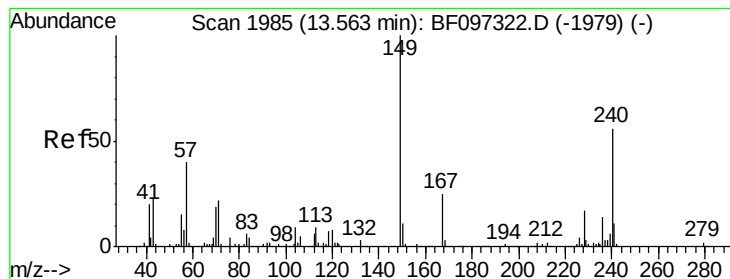
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF097435.D
Acq: 7 Aug 2017 18:02

Tgt Ion:248 Resp: 6844
Ion Ratio Lower Upper
248 100
250 191.3 76.8 115.2#
141 516.8 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: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

Instrument :

BNA_F

ClientSampleId :

SP-COMP

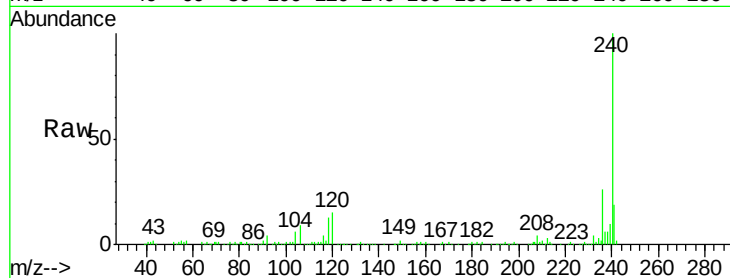
Tot Ion:240 Resp: 214297

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

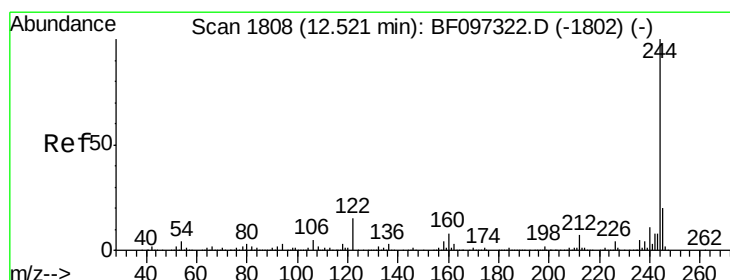
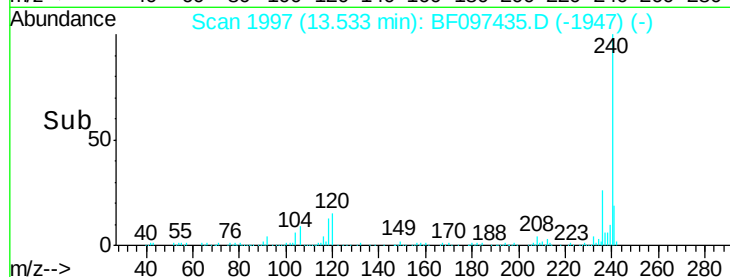
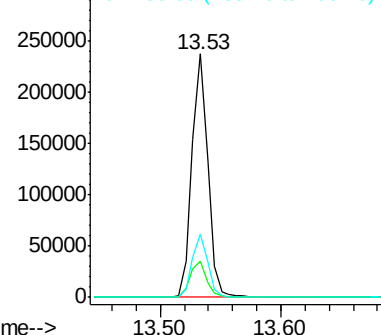
236 26.1 20.5 30.7



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: 41.00 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097435.D

Acq: 7 Aug 2017 18:02

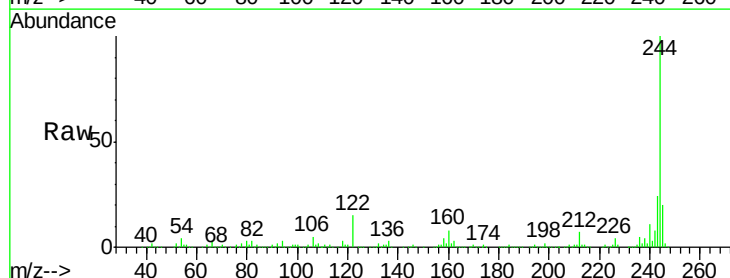
Tgt Ion:244 Resp: 430960

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

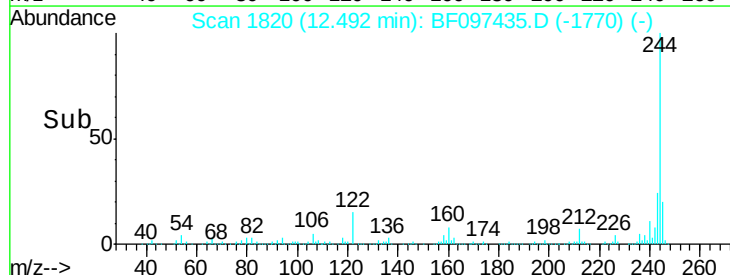
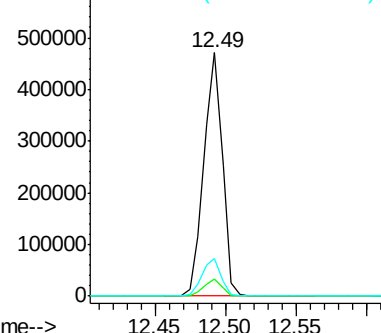
122 15.5 10.3 15.5

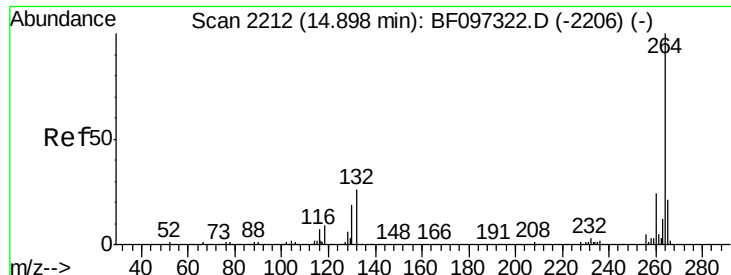


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

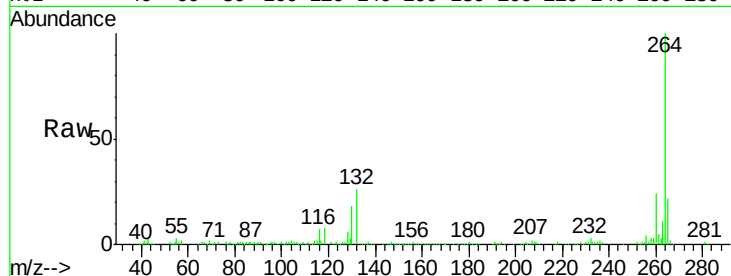




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097435.D
Acq: 7 Aug 2017 18:02

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion:264 Resp: 164408
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 22.4 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

