

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098234.D
 Acq On : 1 Sep 2017 18:41
 Operator : SJ/JU
 Sample : I4985-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SI-1

Quant Time: Sep 01 22:53:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115642	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	417231	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	146070	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	234928	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	254308	20.00	ng	-0.03
86) Perylene-d12	15.28	264	191445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	917736	120.71	ng	-0.01
7) Phenol-d6	6.37	99	1187224	114.93	ng	-0.02
23) Nitrobenzene-d5	7.29	82	708544	92.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	142012	112.05	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	905564	91.08	ng	-0.03
78) Terphenyl-d14	12.82	244	647974	53.13	ng	-0.03
Target Compounds						
10) Phenol	6.37	94	46060	3.813	ng	84
19) n-Nitroso-di-n-propylamine	7.29	70	93095	13.165	ng	# 69
25) Isophorone	7.29	82	698549	43.741	ng	# 67
49) Dimethylphthalate	9.47	163	223233	20.907	ng	98
56) 2,4-Dinitrotoluene	9.75	165	18419	6.886	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	137	8.423	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	9395	3.851	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098234.D
Acq On : 1 Sep 2017 18:41
Operator : SJ/JU
Sample : I4985-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

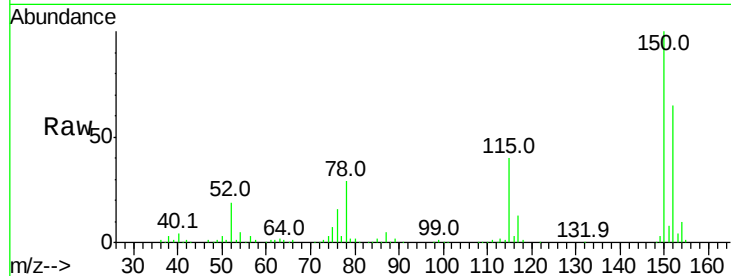


#1

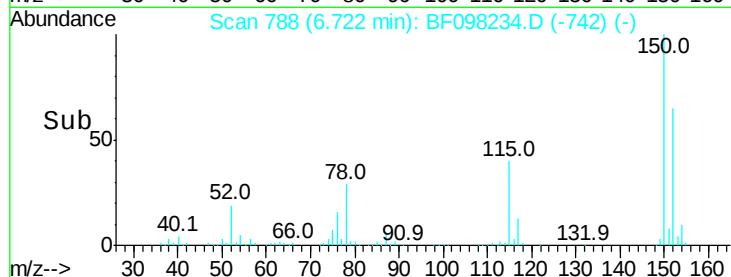
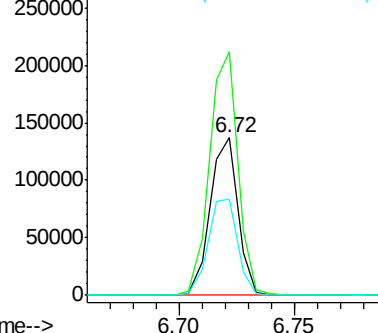
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
SI-1

Tot Ion:152 Resp: 115642
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 61.1 52.2 78.2



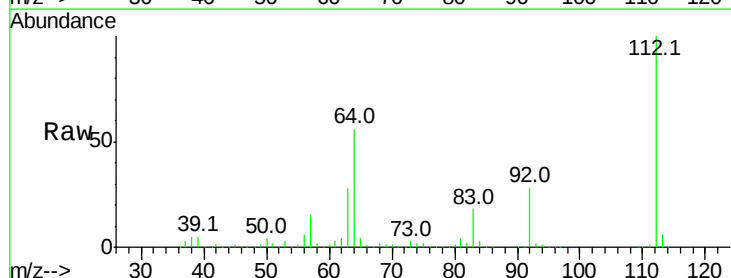
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



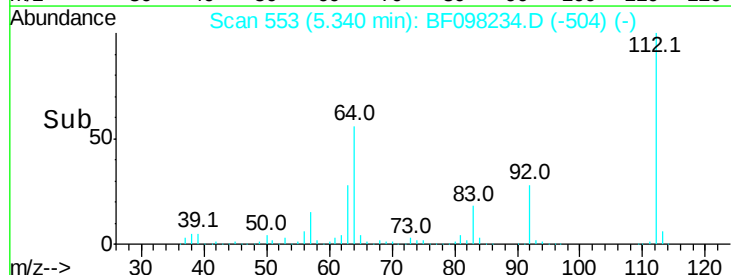
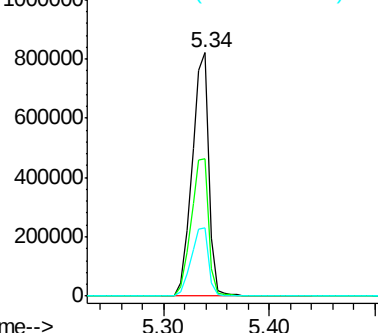
#5

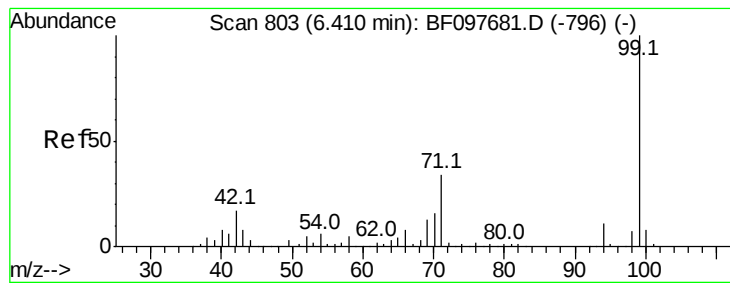
2-Fluorophenol
Concen: 120.713 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:112 Resp: 917736
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 27.9 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: 114.932 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

SI-1

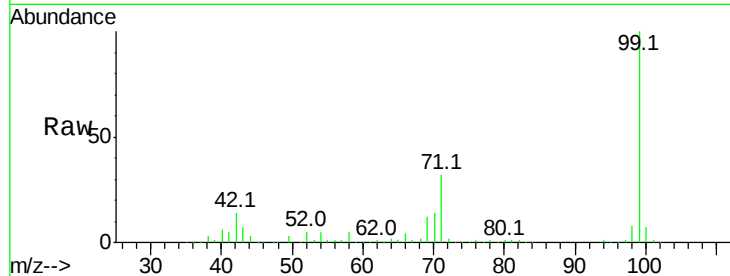
Tot Ion: 99 Resp: 1187224

Ion Ratio Lower Upper

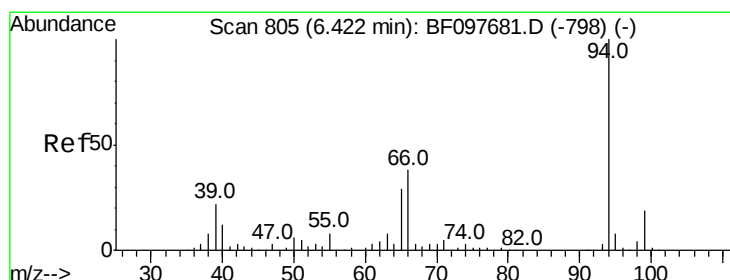
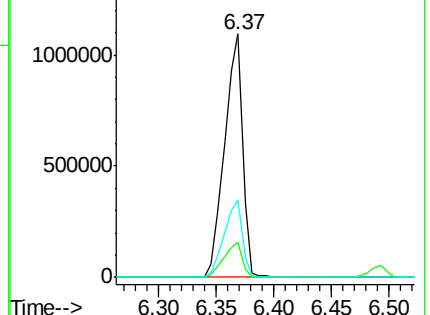
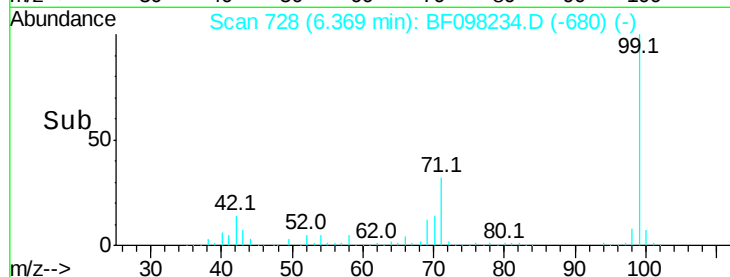
99 100

42 14.4 13.5 20.3

71 32.0 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



#10

Phenol

Concen: 3.813 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

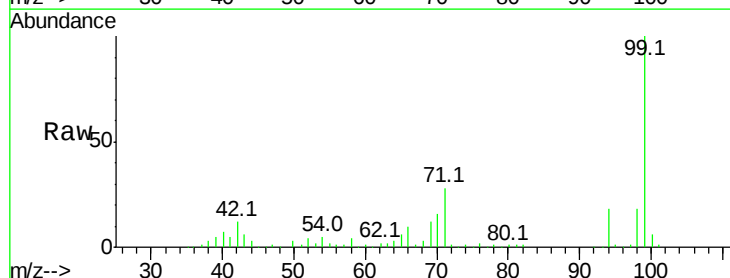
Tgt Ion: 94 Resp: 46060

Ion Ratio Lower Upper

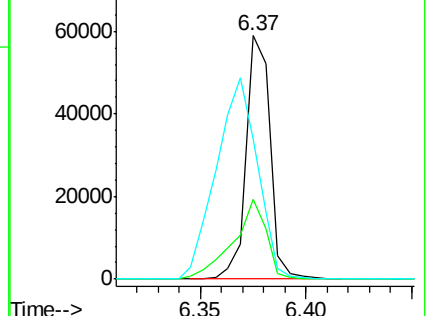
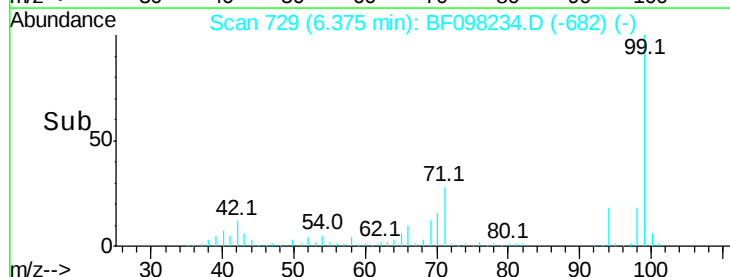
94 100

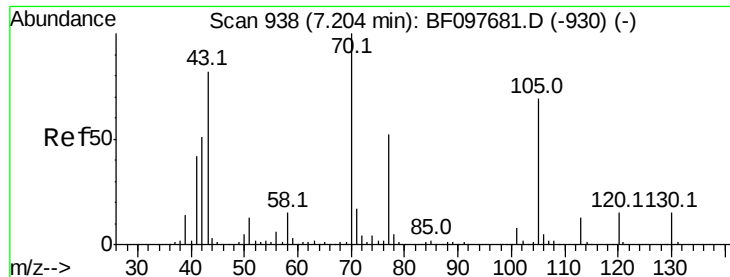
65 33.0 9.9 49.9

66 57.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

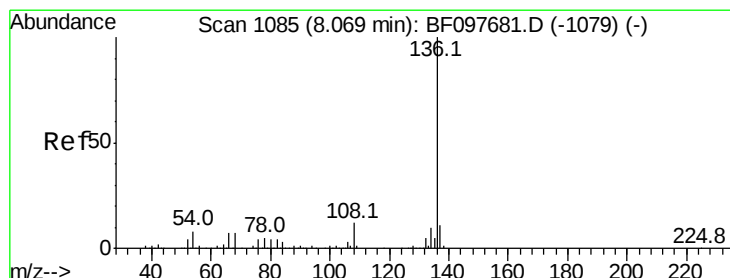
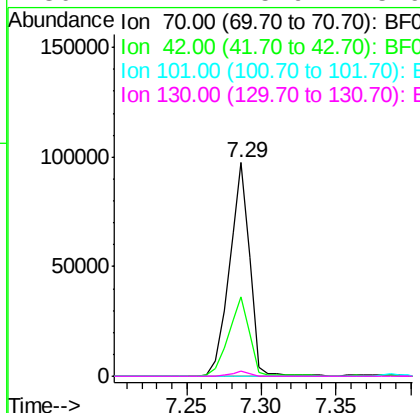
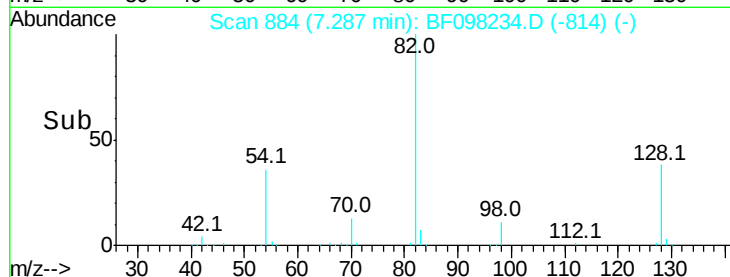
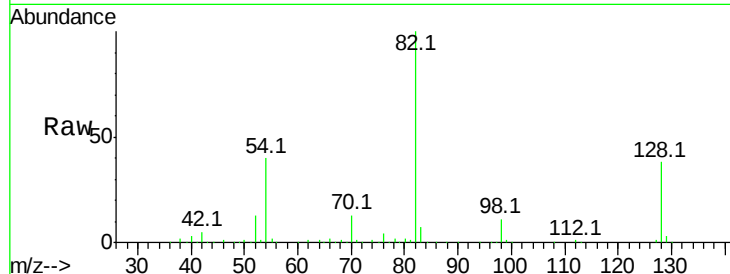




#19
n-Nitroso-di-n-propylamine
Concen: 13.165 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

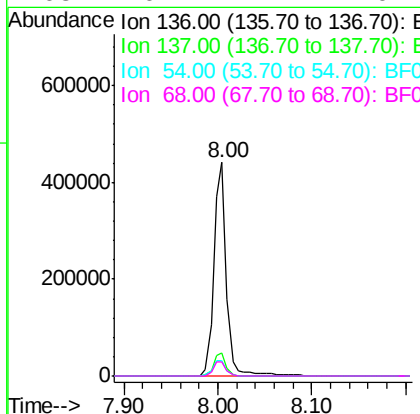
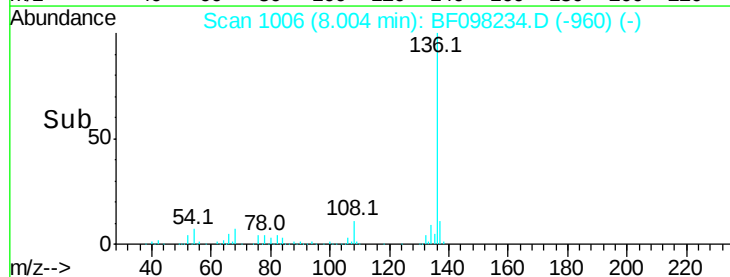
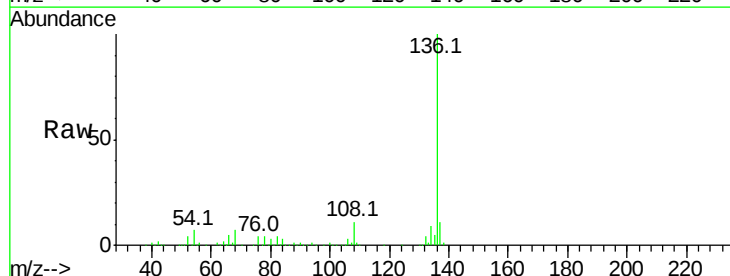
Instrument :
BNA_F
ClientSampled :
SI-1

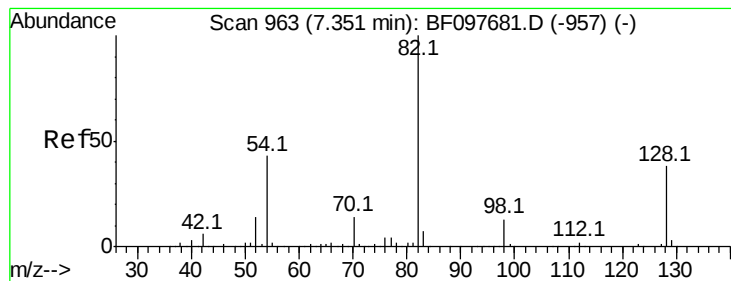
Tot Ion: 70 Resp: 93095
Ion Ratio Lower Upper
70 100
42 37.2 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:136 Resp: 417231
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.0 4.9 7.3
68 6.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 92.254 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

Instrument :

BNA_F

ClientSampled :

SI-1

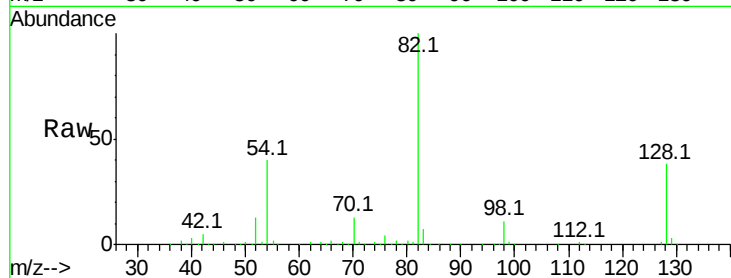
Tot Ion: 82 Resp: 708544

Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

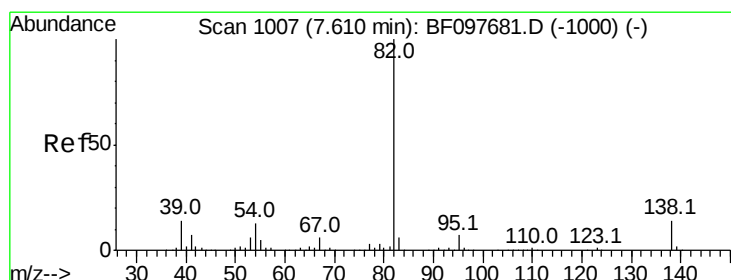
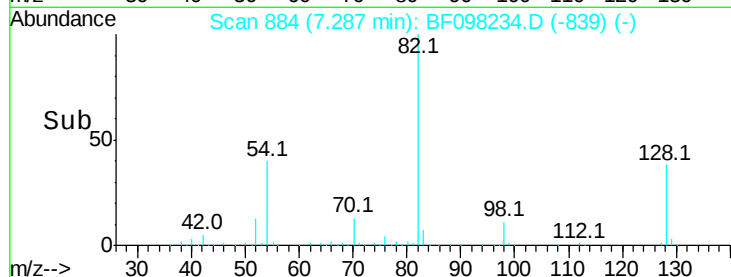
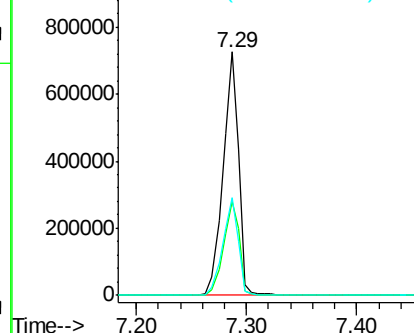
54 40.2 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 43.741 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

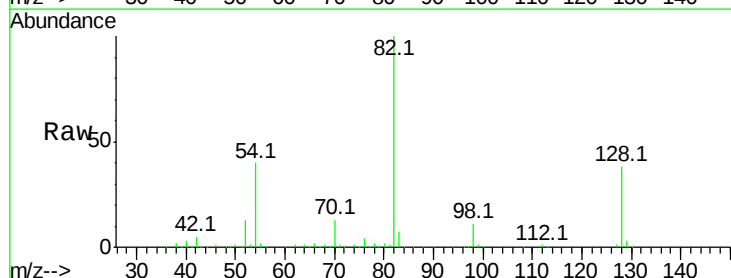
Tgt Ion: 82 Resp: 698549

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

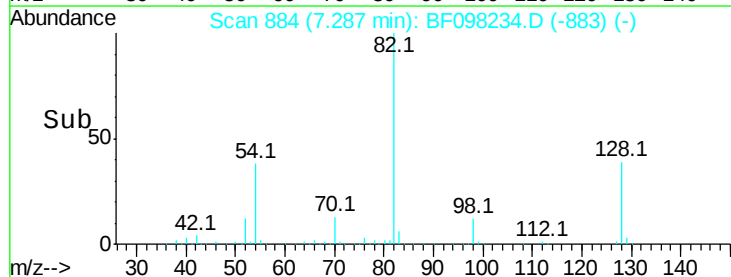
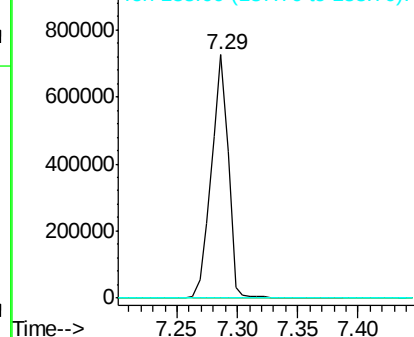
138 0.0 13.1 19.7#

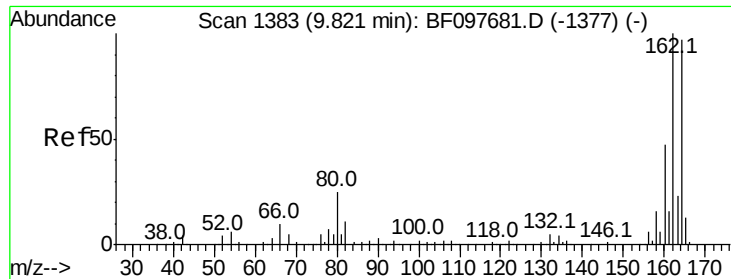


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

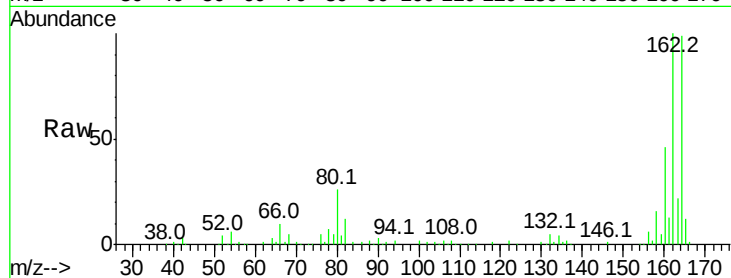




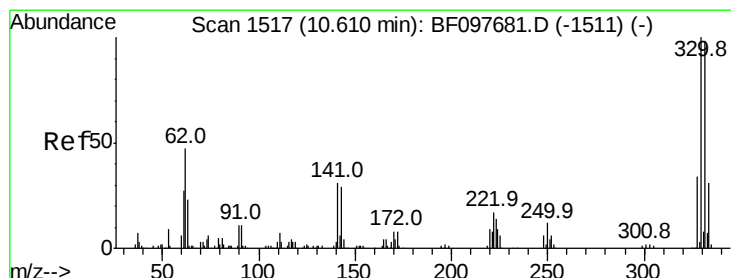
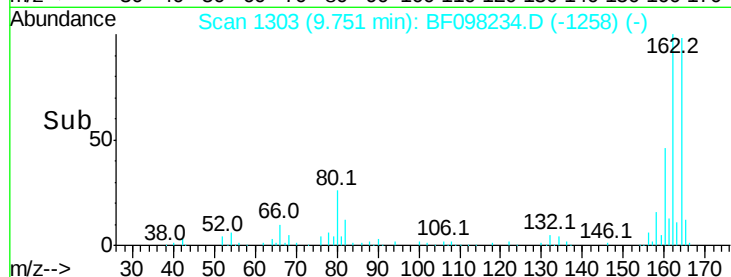
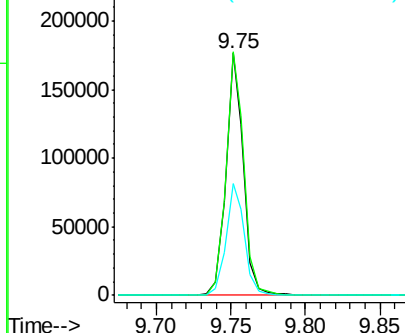
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098234.D
 Acq: 1 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SI-1

Tot Ion:164 Resp: 146070
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 46.0 36.2 54.2

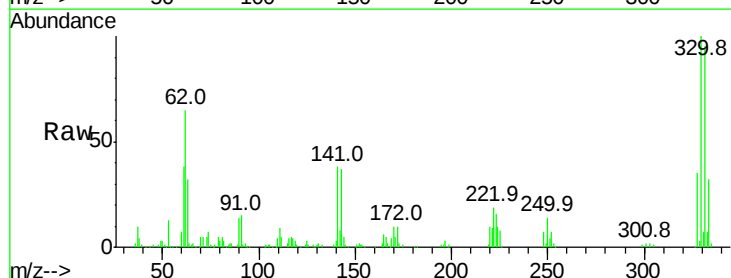


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

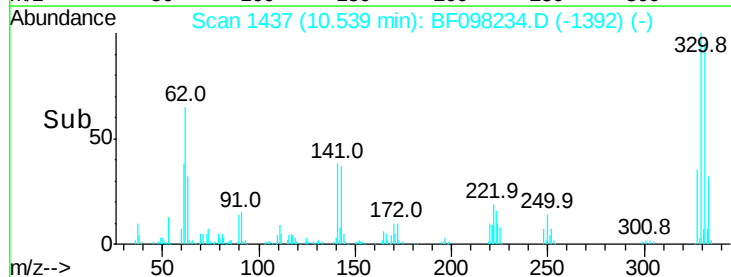
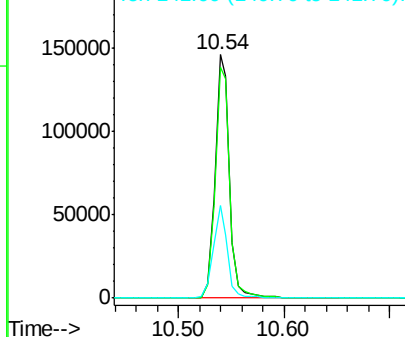


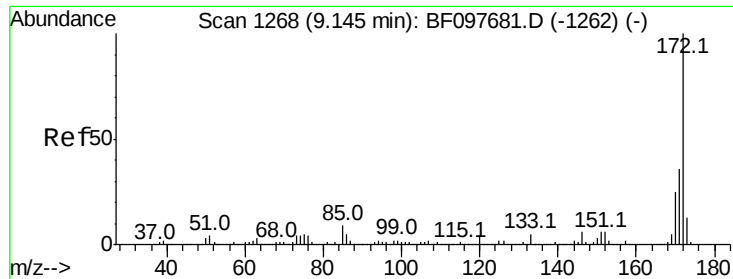
#41
 2,4,6-Tribromophenol
 Concen: 112.050 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098234.D
 Acq: 1 Sep 2017 18:41

Tgt Ion:330 Resp: 142012
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 37.1 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

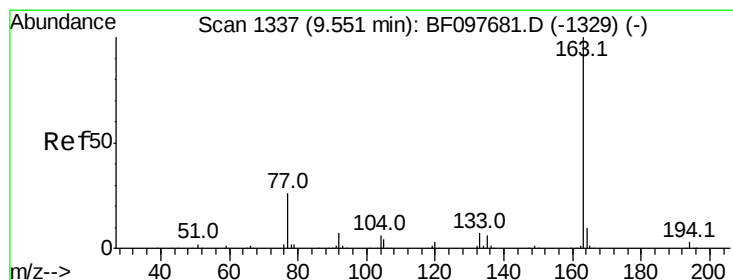
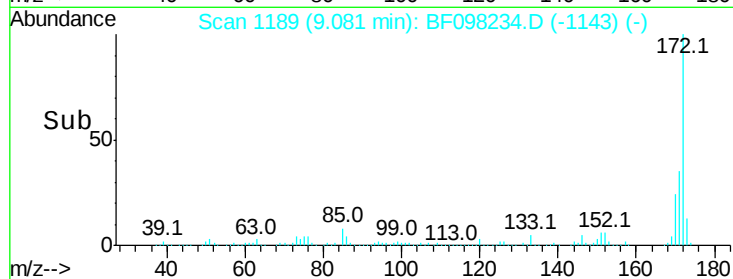
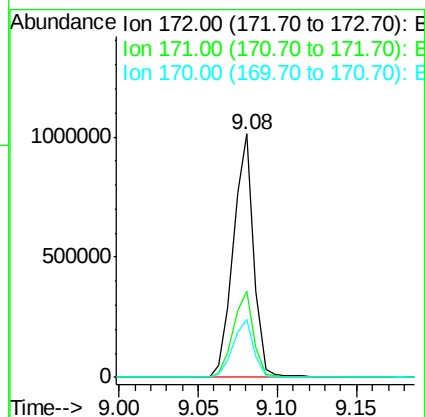
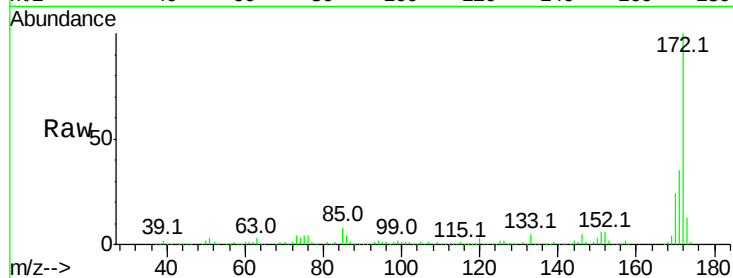




#44
2-Fluorobiphenyl
Concen: 91.084 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

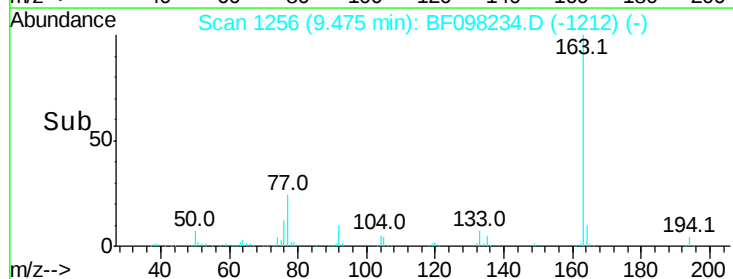
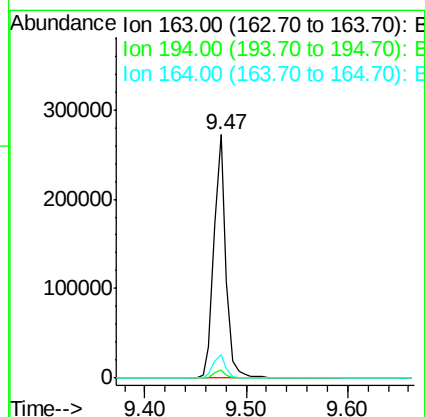
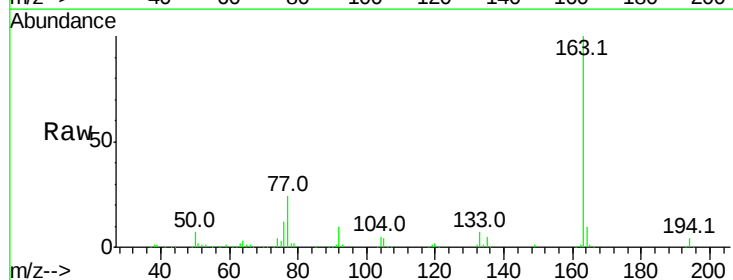
Instrument :
BNA_F
ClientSampleId :
SI-1

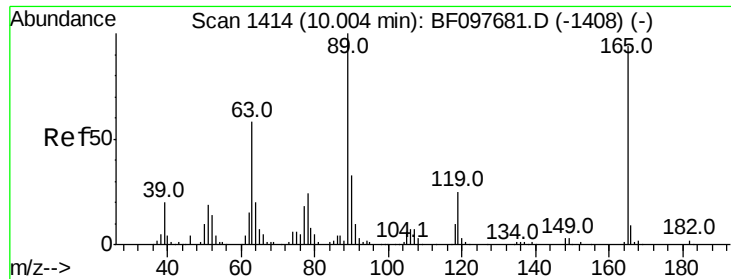
Tot Ion:172 Resp: 905564
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 20.907 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:163 Resp: 223233
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.4 12.6

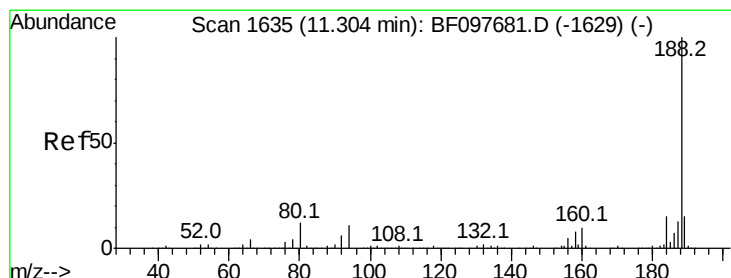
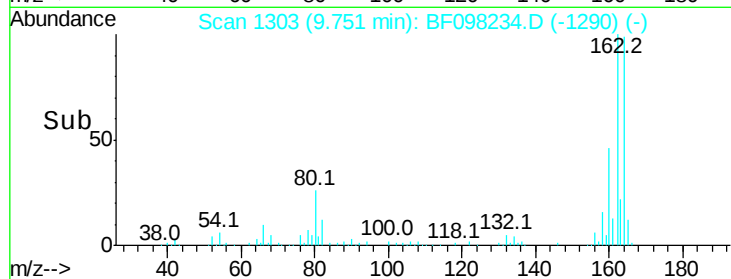
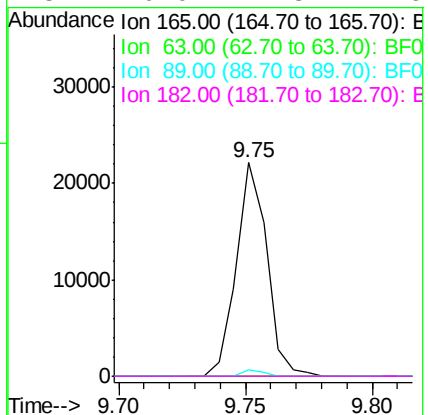
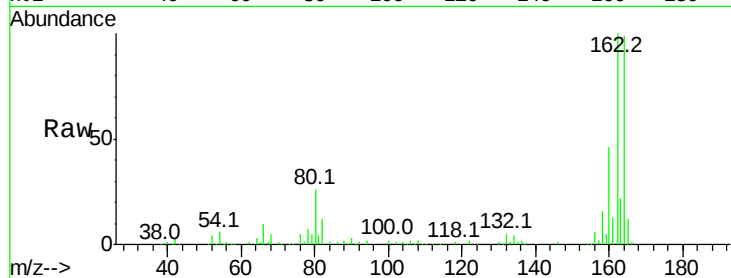




#56
2,4-Dinitrotoluene
Concen: 6.886 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

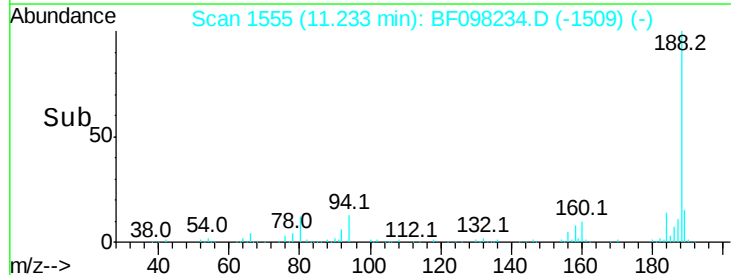
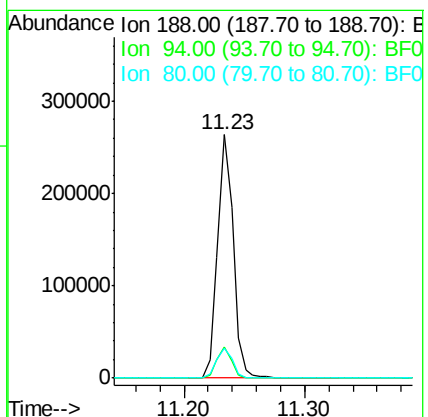
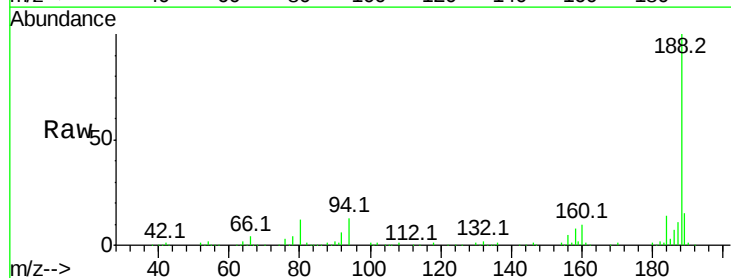
Instrument :
BNA_F
ClientSampleId :
SI-1

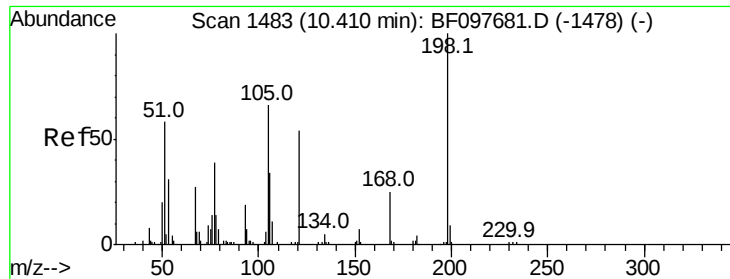
Tot Ion:165 Resp: 18419
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 3.0 46.4 69.6#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Tgt Ion:188 Resp: 234928
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 12.3 10.2 15.2

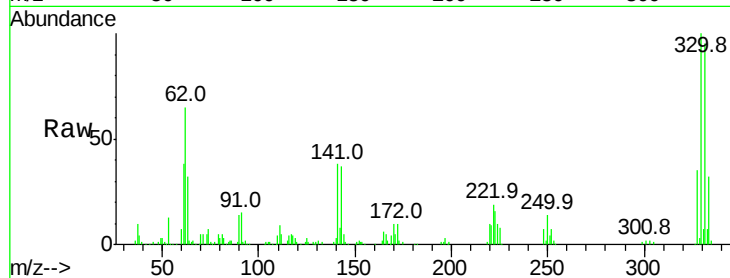




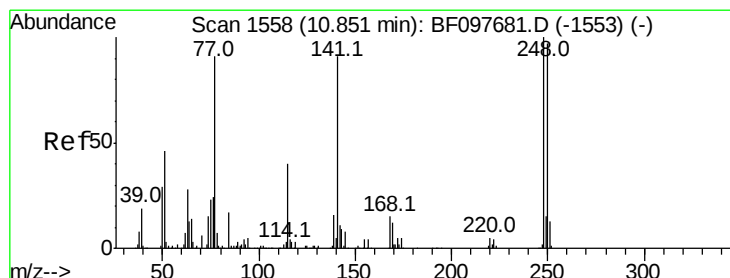
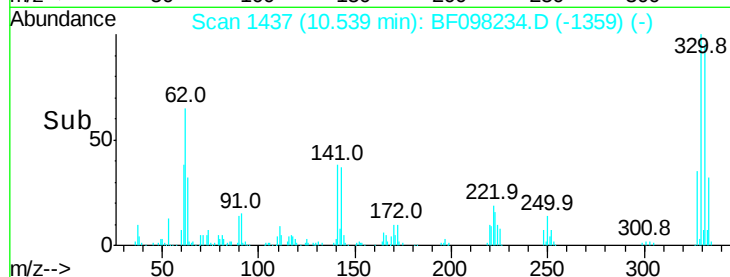
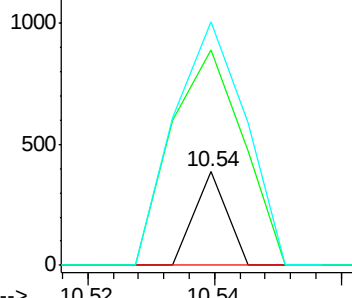
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.423 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.16 min
 Lab File: BF098234.D
 Acq: 1 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SI-1

Tot Ion:198 Resp: 137
 Ion Ratio Lower Upper
 198 100
 51 230.0 53.2 93.2#
 105 259.9 45.8 85.8#

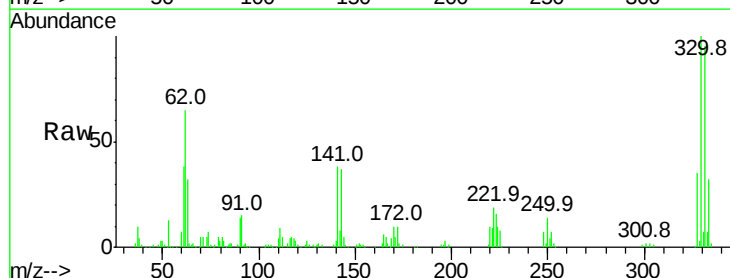


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

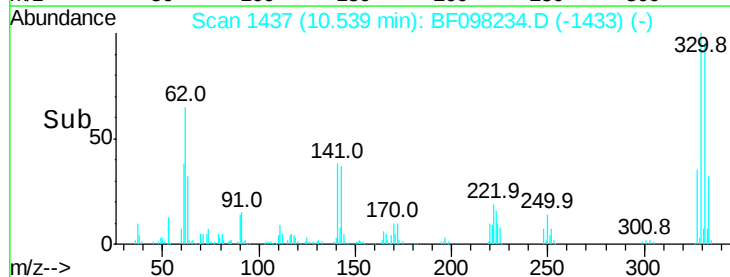
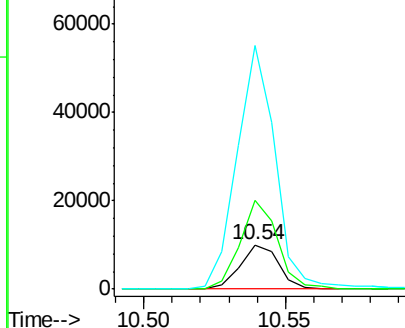


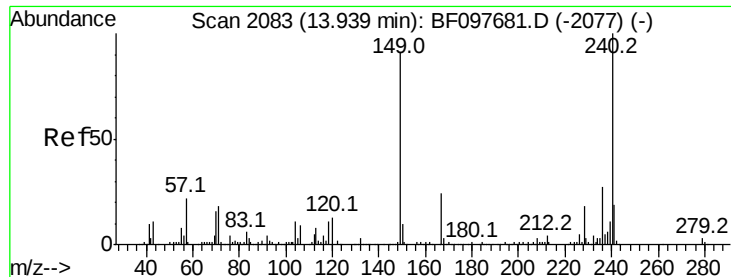
#66
 4-Bromophenyl-phenylether
 Concen: 3.851 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.28 min
 Lab File: BF098234.D
 Acq: 1 Sep 2017 18:41

Tgt Ion:248 Resp: 9395
 Ion Ratio Lower Upper
 248 100
 250 200.4 76.8 115.2#
 141 551.7 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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

SI-1

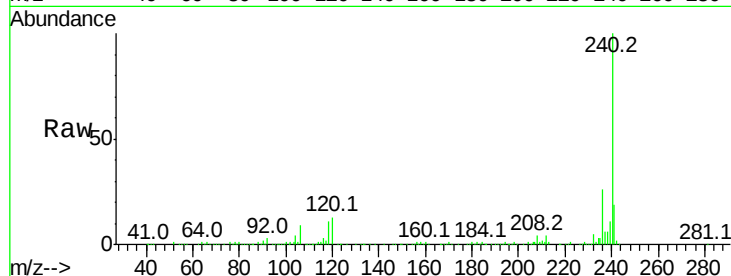
Tot Ion:240 Resp: 254308

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

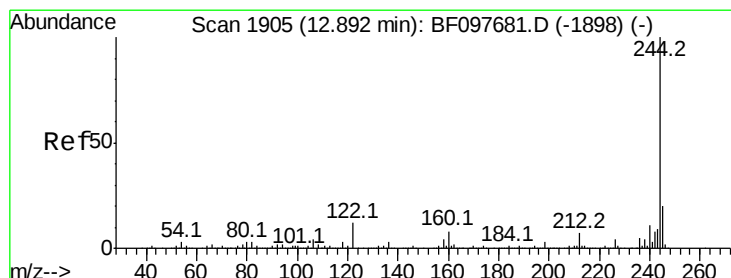
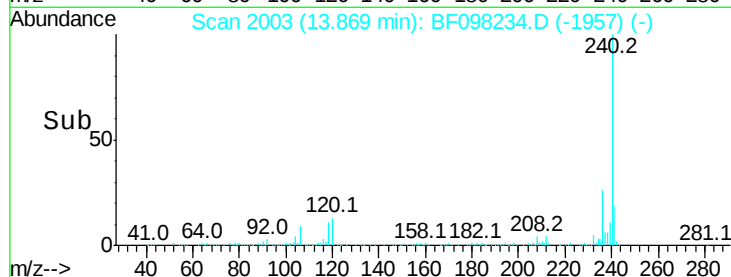
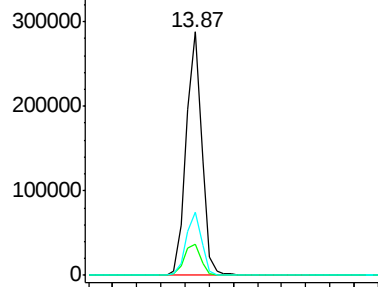
236 26.1 20.5 30.7



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: 53.134 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098234.D

Acq: 1 Sep 2017 18:41

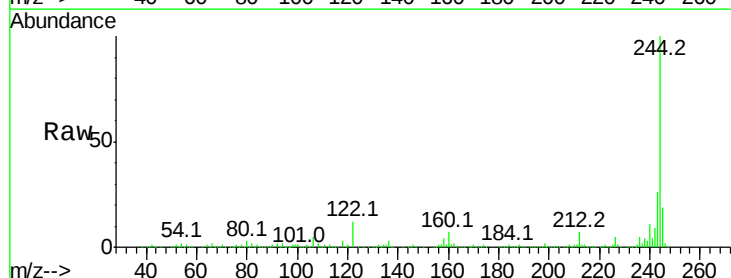
Tgt Ion:244 Resp: 647974

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

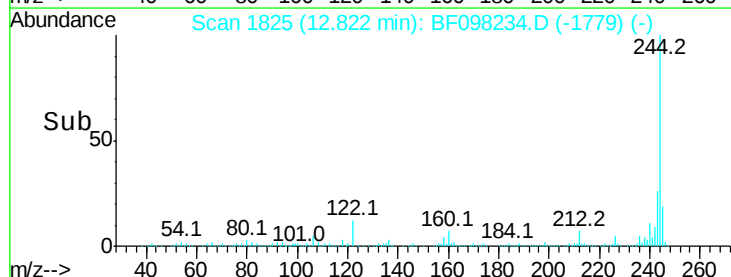
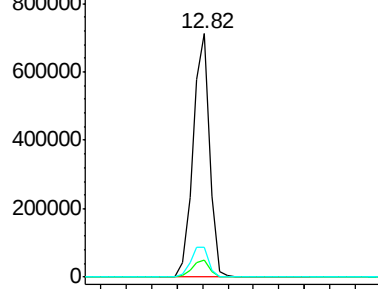
122 12.0 10.3 15.5

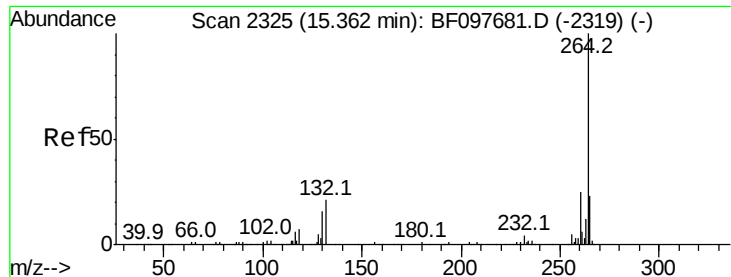


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BF098234.D
Acq: 1 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
SI-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.2	25.8

