

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097070.D
 Acq On : 26 Jul 2017 12:50
 Operator : SJ/JU
 Sample : I4362DL2 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 13:48:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

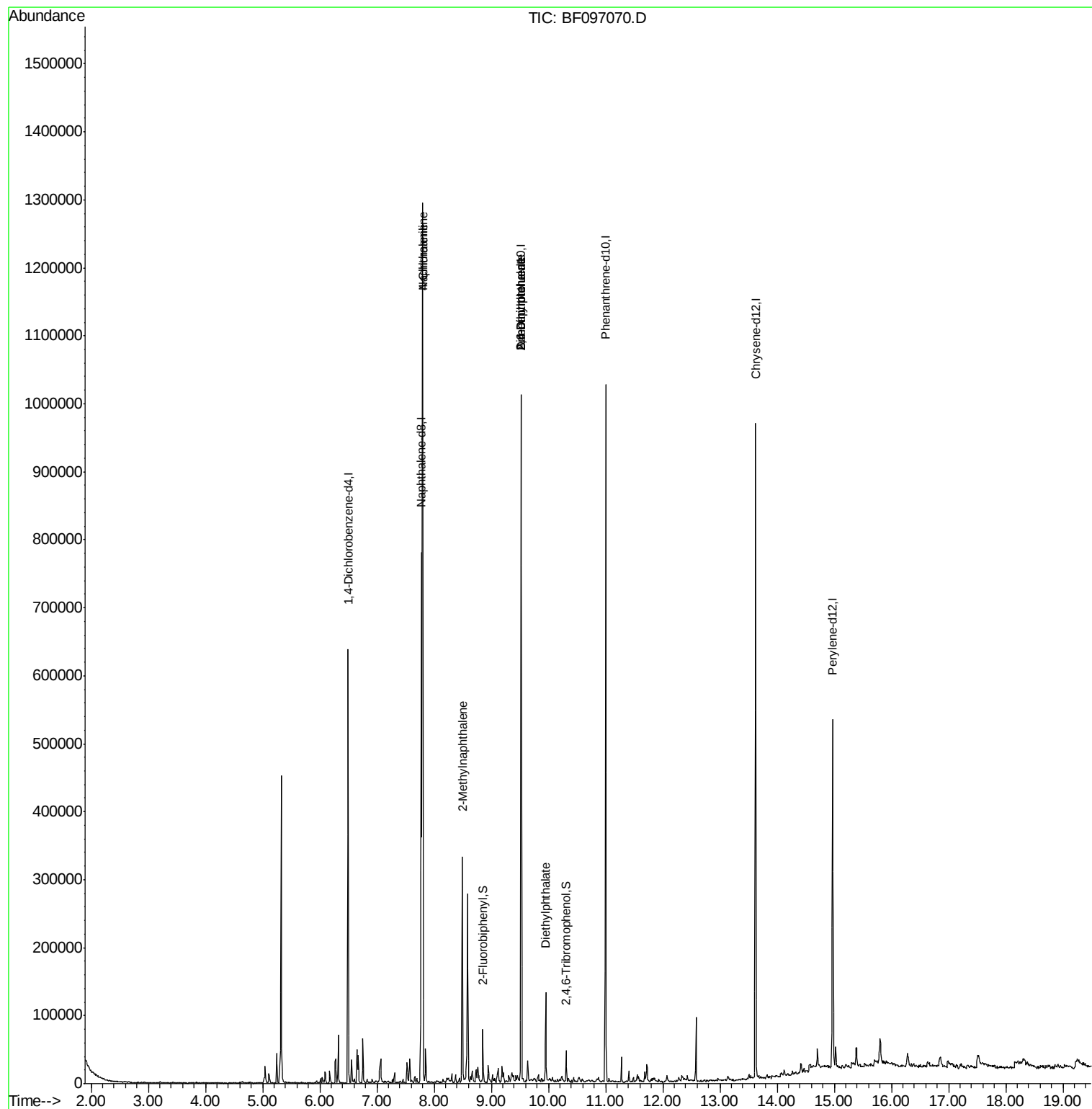
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88135	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	374309	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	189568	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	326608	20.00	ng	0.00
75) Chrysene-d12	13.62	240	296181	20.00	ng	0.00
86) Perylene-d12	14.97	264	202178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	7461	1.28	ng	0.01
7) Phenol-d6	6.17	99	4425	0.66	ng	0.00
23) Nitrobenzene-d5	7.06	82	10738	1.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	4923	3.29	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	24420	2.19	ng	-0.02
78) Terphenyl-d14	12.58	244	26507	1.82	ng	0.00
Target Compounds						
31) Naphthalene	7.80	128	538782	30.535	ng	99
33) 4-Chloroaniline	7.80	127	70906	9.876	ng	# 34
37) 2-Methylnaphthalene	8.49	142	87335	7.818	ng	98
49) Dimethylphthalate	9.53	163	56577	3.930	ng	# 1
50) 2,6-Dinitrotoluene	9.52	165	23978	7.853	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	23978	6.832	ng	# 34
59) Diethylphthalate	9.95	149	45710	3.461	ng	97

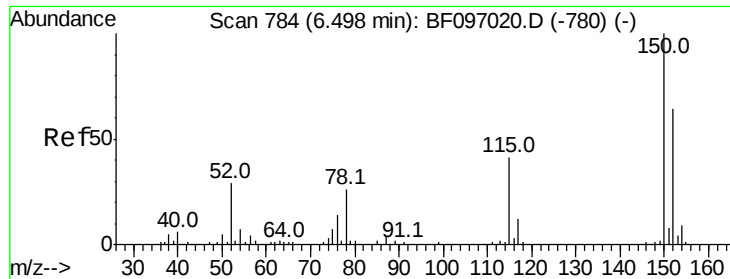
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097070.D
Acq On : 26 Jul 2017 12:50
Operator : SJ/JU
Sample : I4362DL2 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 13:48:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



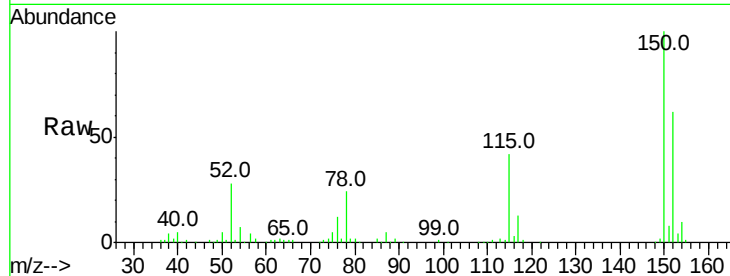


#1

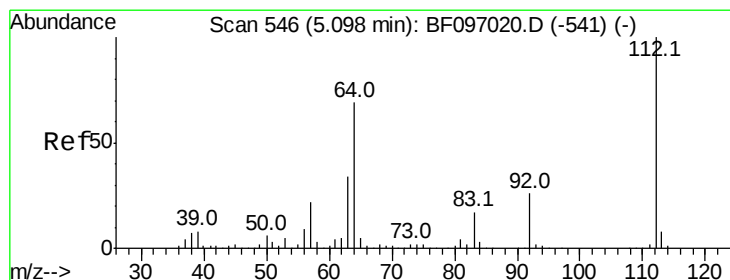
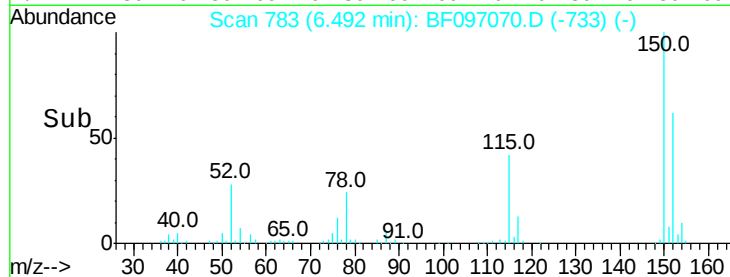
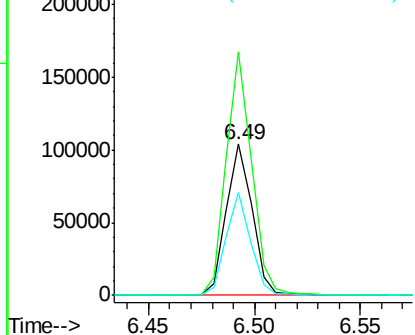
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097070.D
Acq: 26 Jul 2017 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88135
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 67.8 52.2 78.2



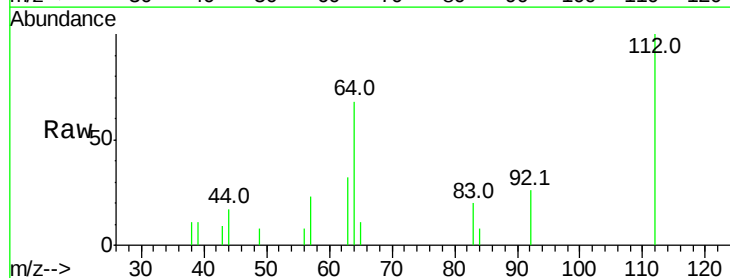
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



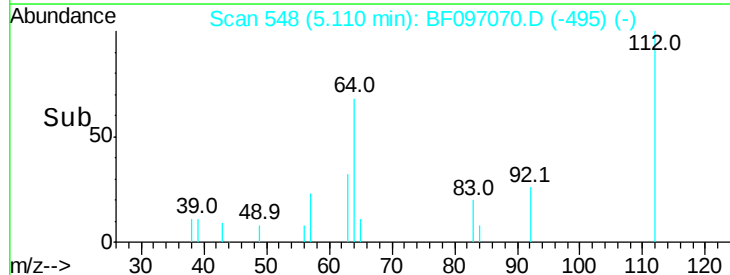
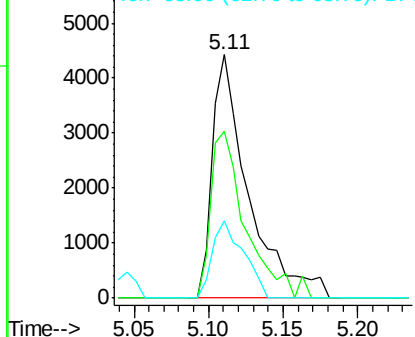
#5

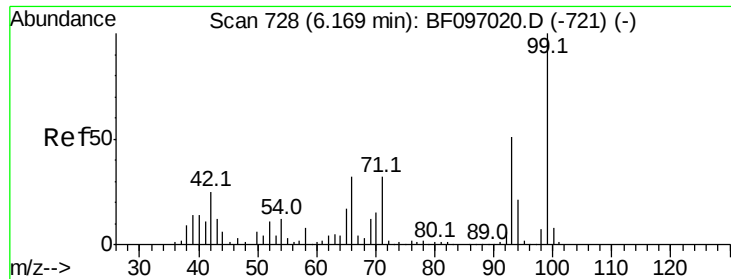
2-Fluorophenol
Concen: 1.276 ng
RT: 5.11 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097070.D
Acq: 26 Jul 2017 12:50

Tgt Ion:112 Resp: 7461
Ion Ratio Lower Upper
112 100
64 68.3 46.0 69.0
63 31.7 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: 0.663 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF097070.D

Acq: 26 Jul 2017 12:50

Instrument :

BNA_F

ClientSampleId :

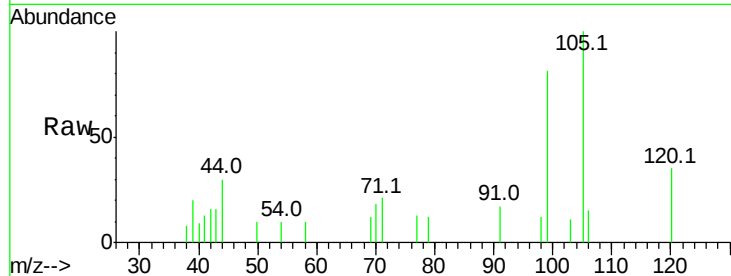
Tot Ion: 99 Resp: 4425

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

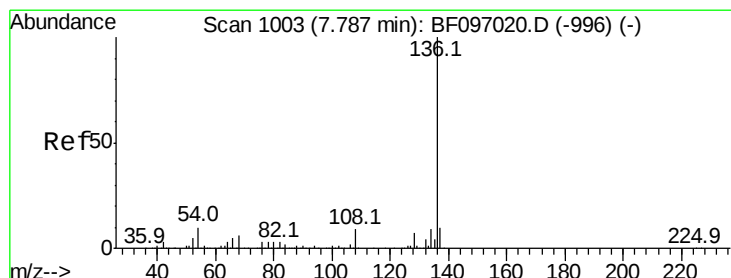
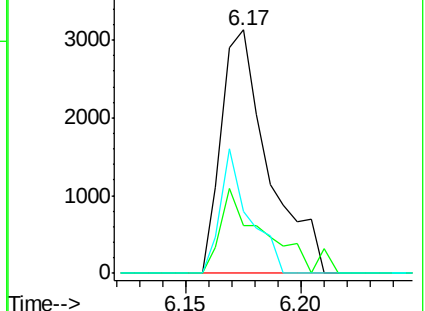
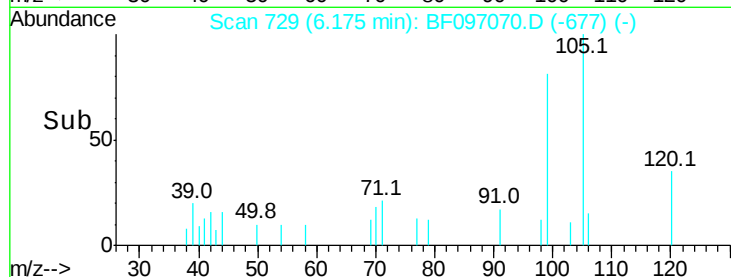
71 25.6 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097070.D

Acq: 26 Jul 2017 12:50

Tgt Ion:136 Resp: 374309

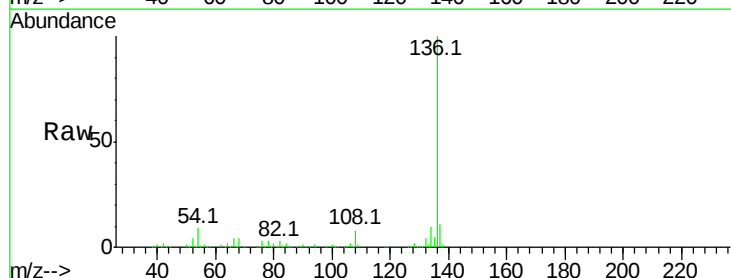
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.2 4.9 7.3#

68 4.4 4.1 6.1

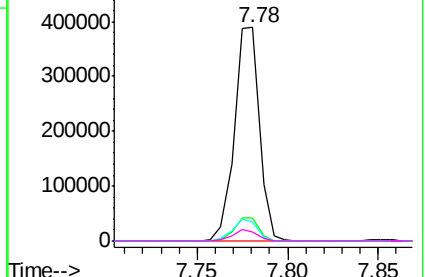
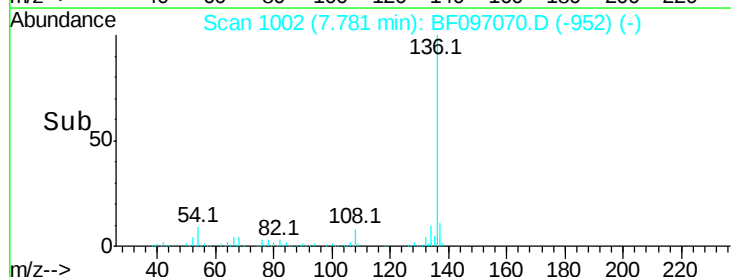


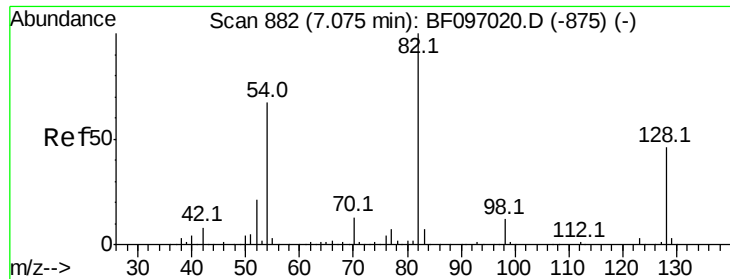
Abundance Ion 136.00 (135.70 to 136.70): E

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

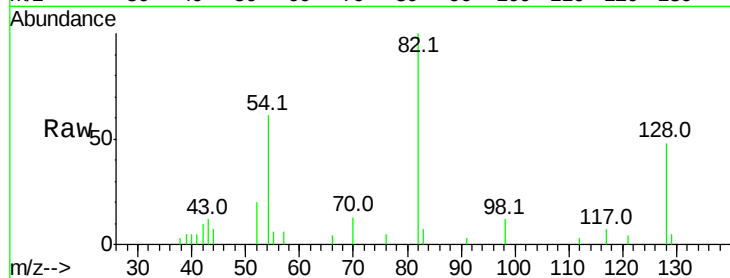




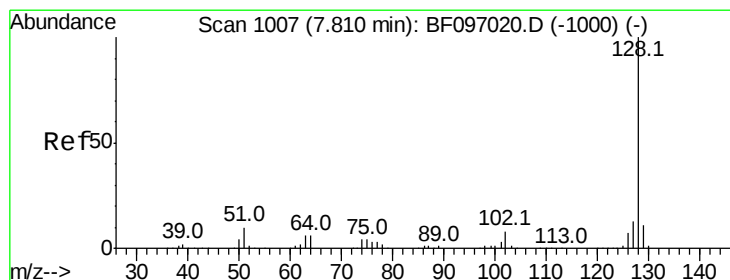
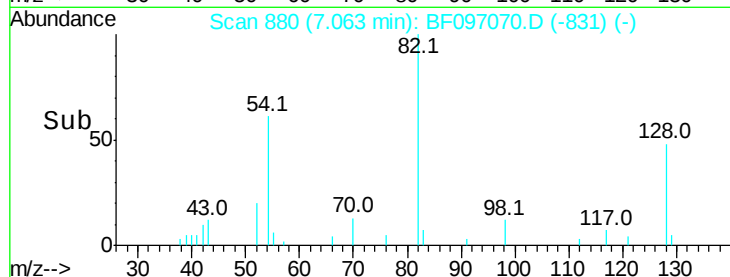
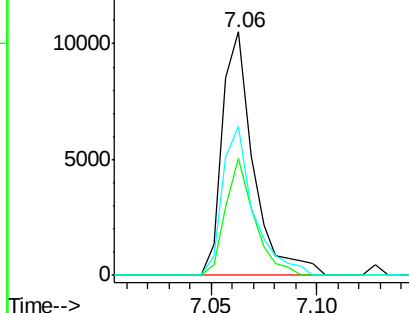
#23
 Nitrobenzene-d5
 Concen: 1.683 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 10738
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 61.3 42.2 63.2

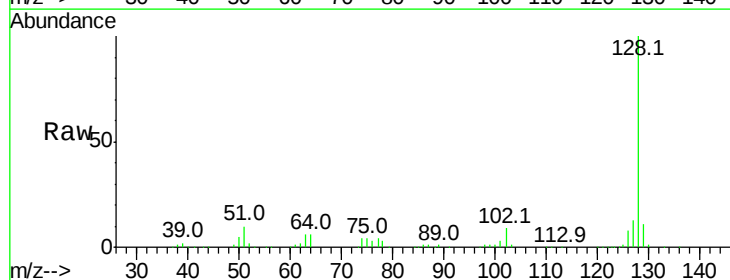


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

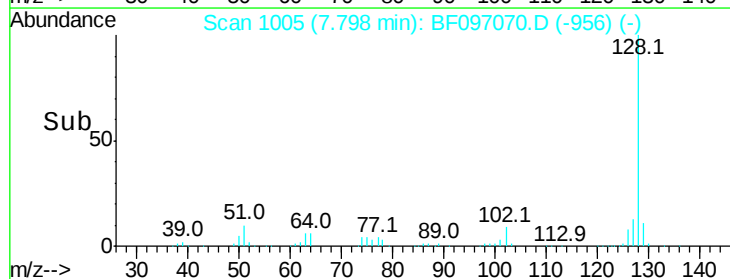
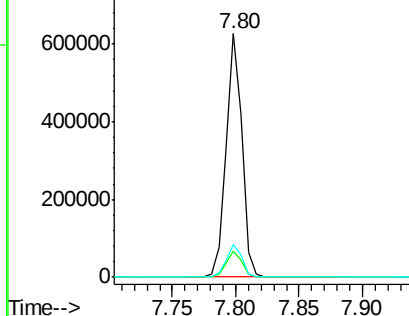


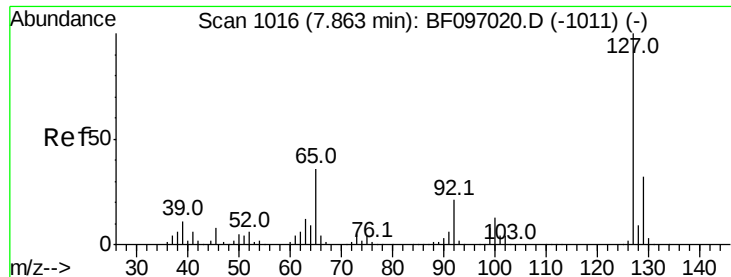
#31
 Naphthalene
 Concen: 30.535 ng
 RT: 7.80 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Tgt Ion: 128 Resp: 538782
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.6
 127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

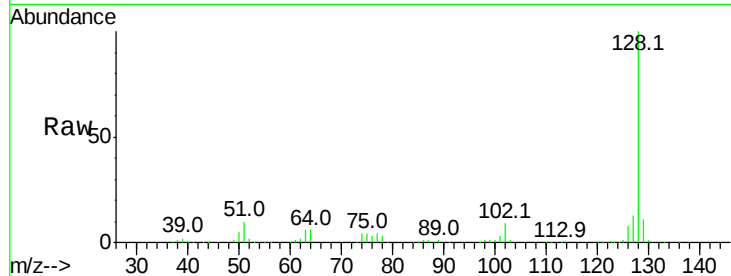




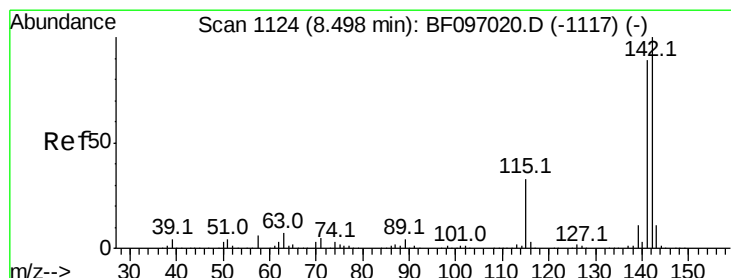
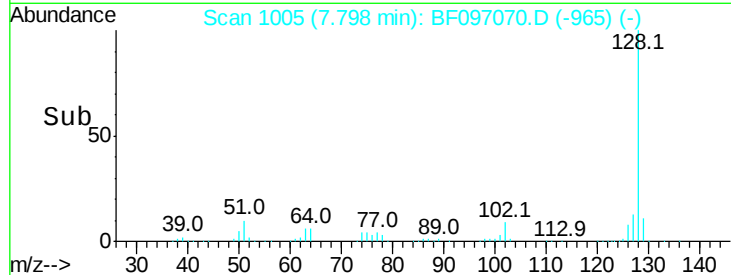
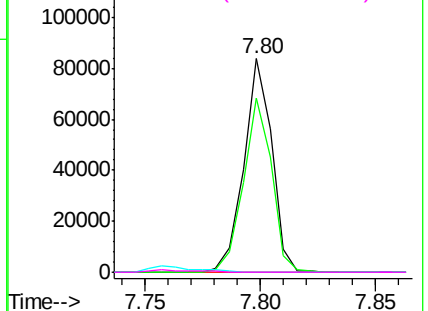
#33
4-Chloroaniline
Concen: 9.876 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF097070.D
Acq: 26 Jul 2017 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 70906
Ion Ratio Lower Upper
127 100
129 81.6 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#

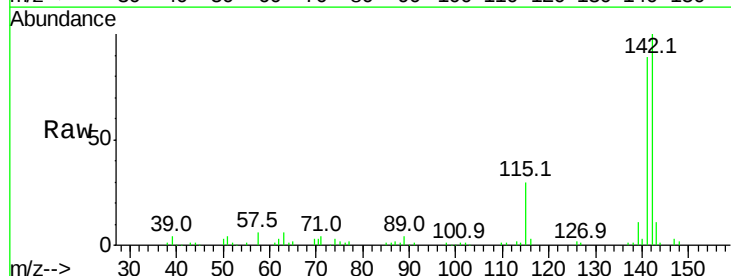


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

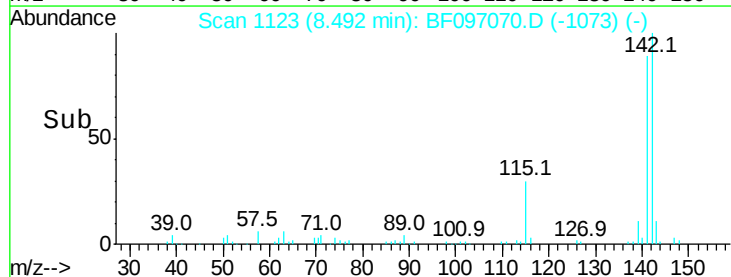
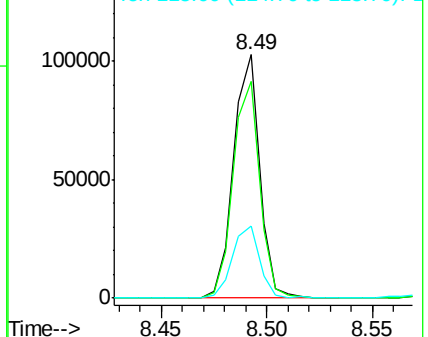


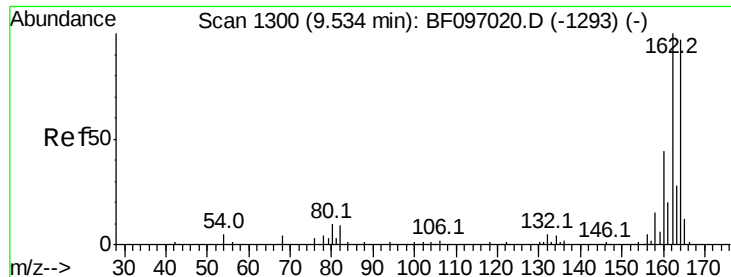
#37
2-Methylnaphthalene
Concen: 7.818 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF097070.D
Acq: 26 Jul 2017 12:50

Tgt Ion:142 Resp: 87335
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 29.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

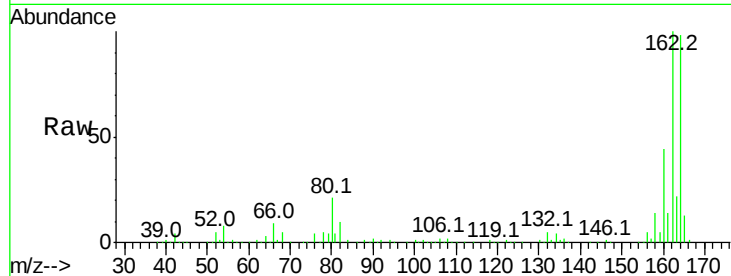




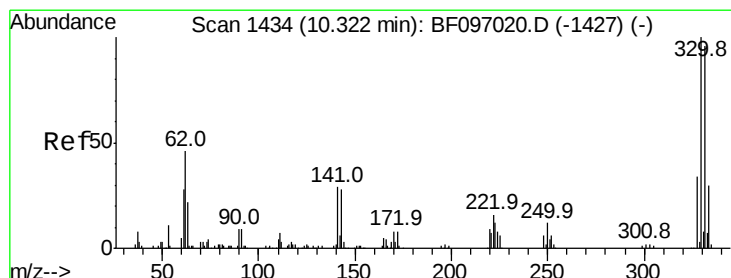
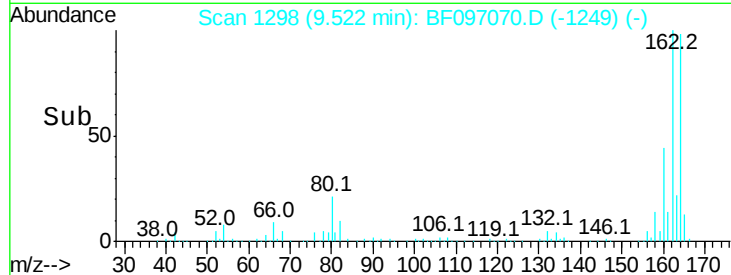
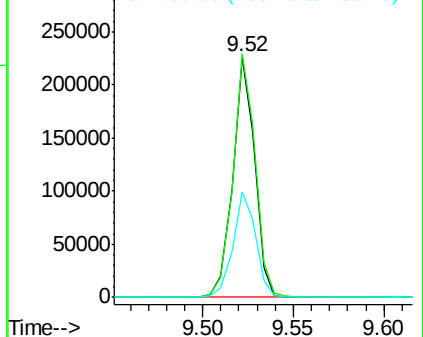
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 189568
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 44.2 36.2 54.2

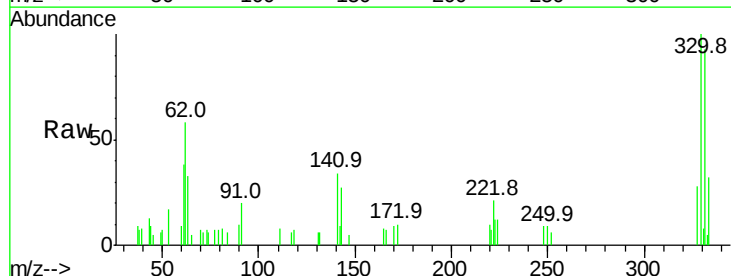


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

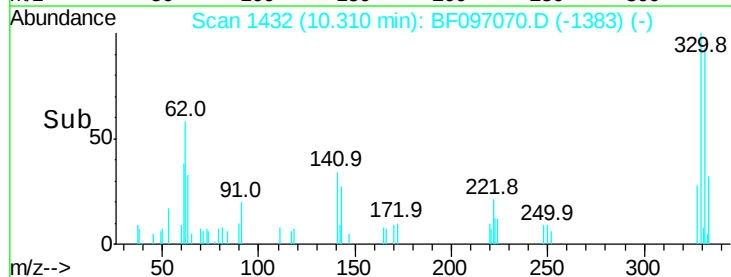
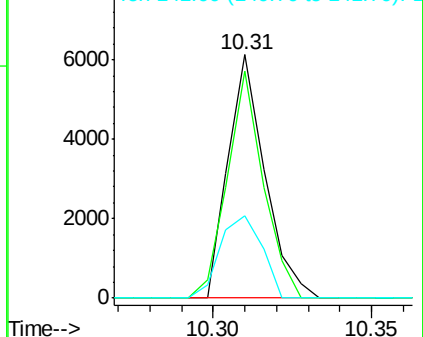


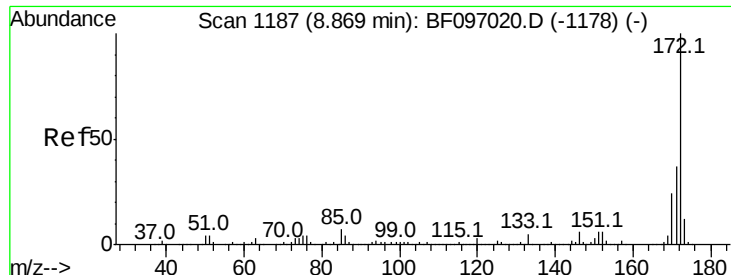
#41
 2,4,6-Tribromophenol
 Concen: 3.287 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Tgt Ion:330 Resp: 4923
 Ion Ratio Lower Upper
 330 100
 332 90.8 76.6 115.0
 141 38.4 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

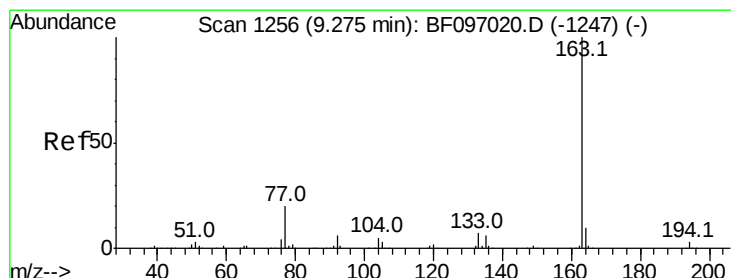
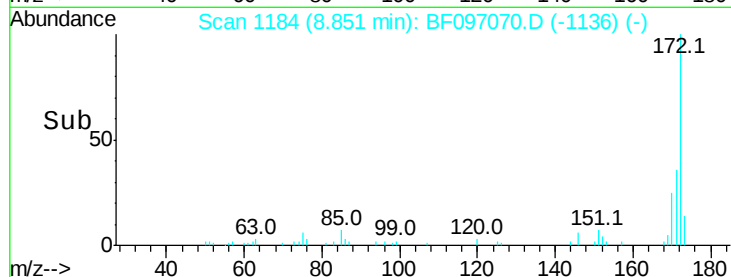
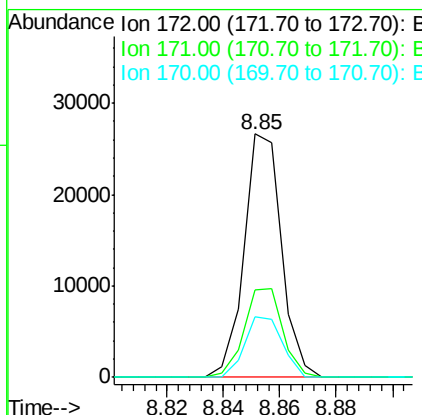
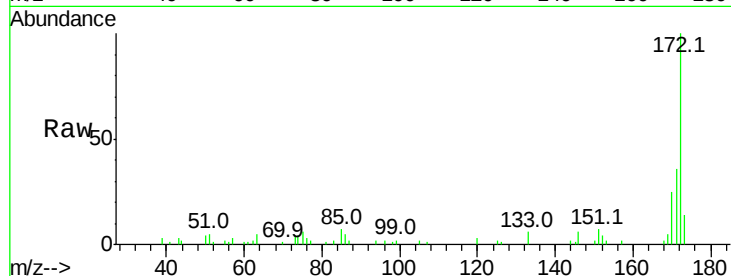




#44
 2-Fluorobiphenyl
 Concen: 2.186 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

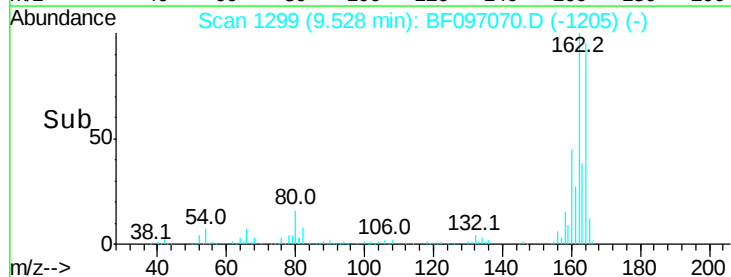
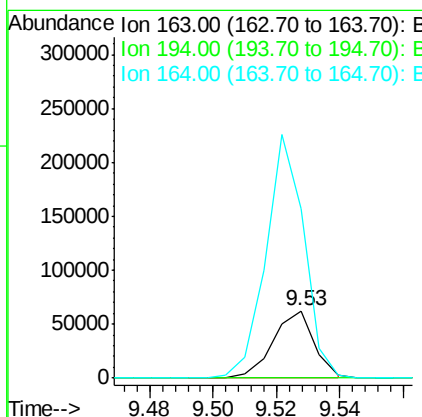
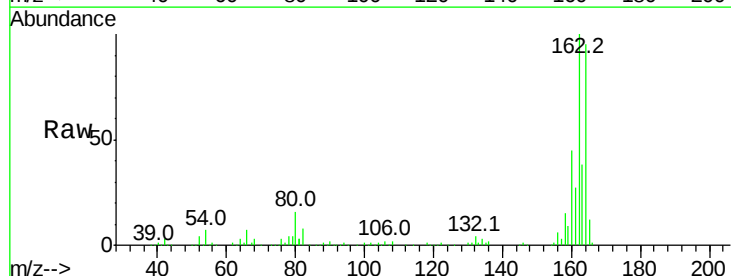
Instrument :
 BNA_F
 ClientSampleId :

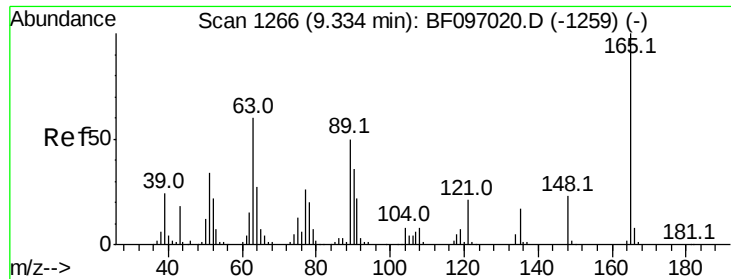
Tot Ion:172 Resp: 24420
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 3.930 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.25 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Tgt Ion:163 Resp: 56577
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.6 4.0#
 164 252.1 8.4 12.6#

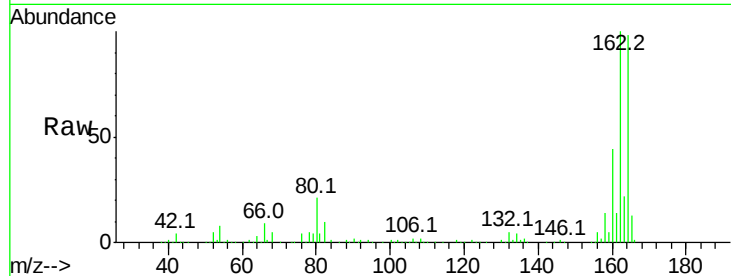




#50
 2,6-Dinitrotoluene
 Concen: 7.853 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. 0.19 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :

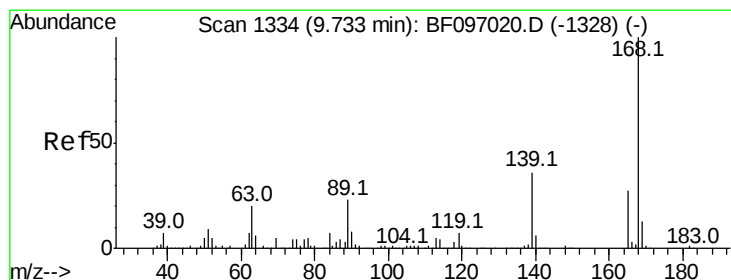
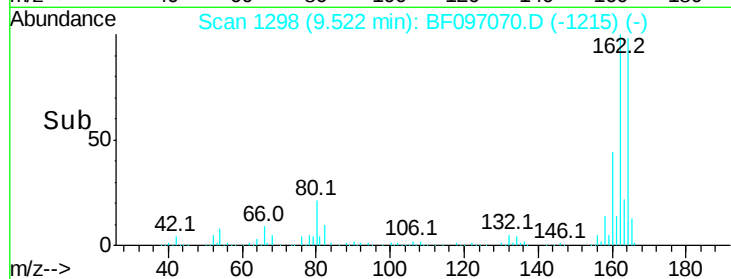
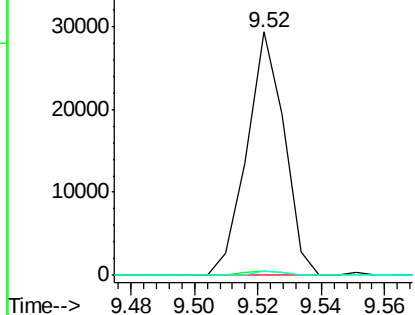
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.8	37.1	55.7#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.832 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

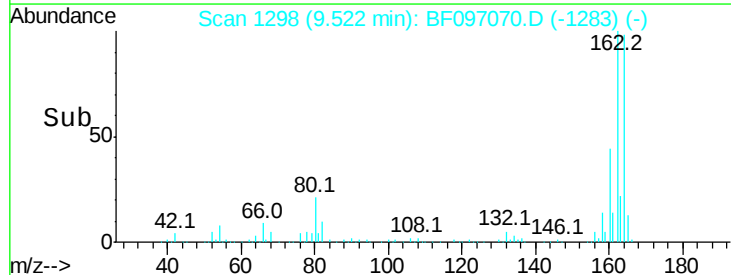
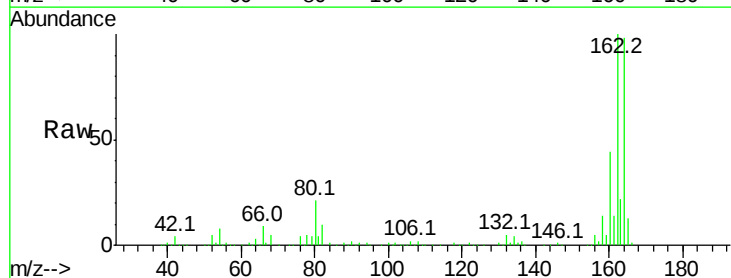
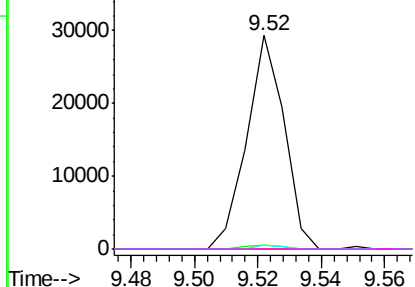
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

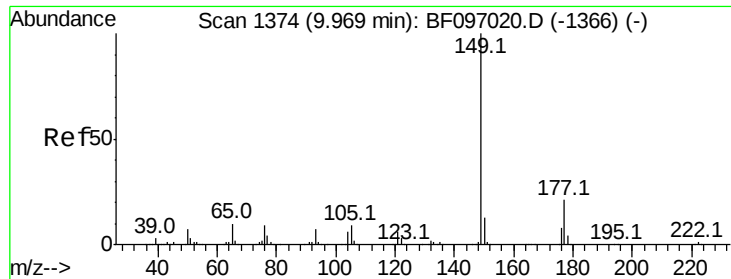
Abundance Ion 165.00 (164.70 to 165.70): E

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

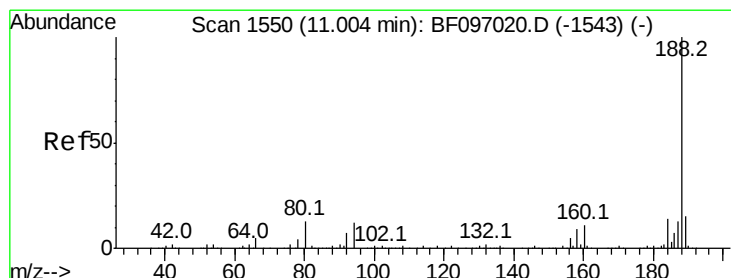
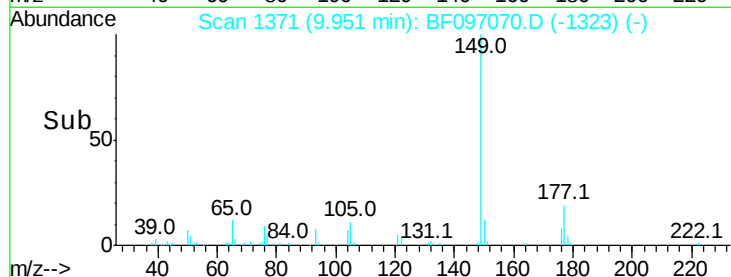
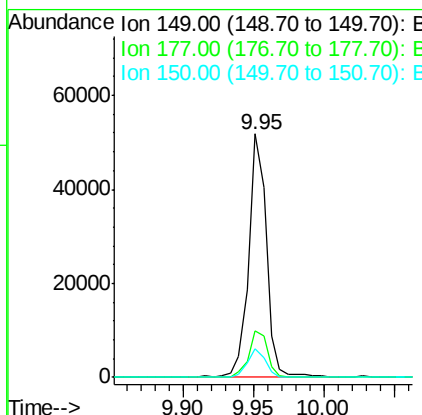
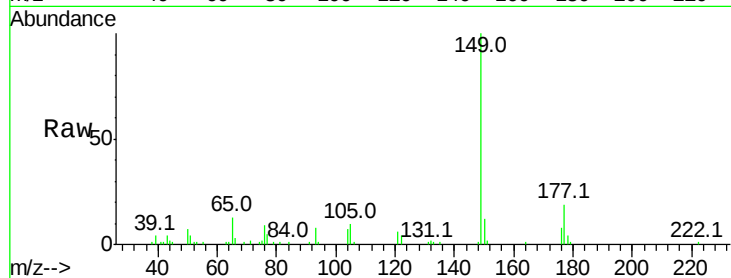




#59
 Diethylphthalate
 Concen: 3.461 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

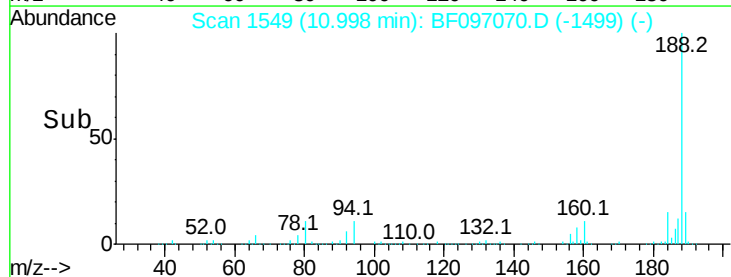
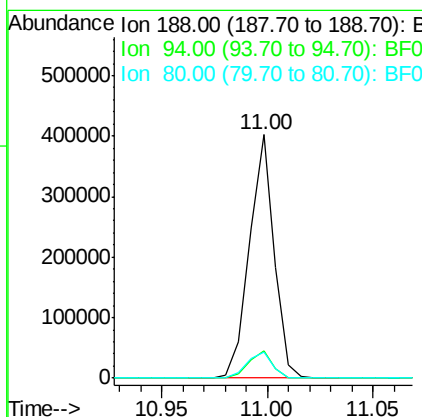
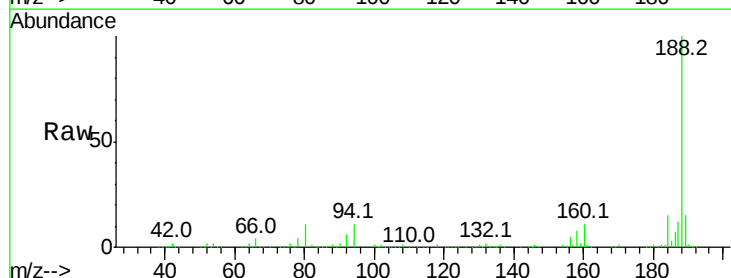
Instrument :
 BNA_F
 ClientSampleId :

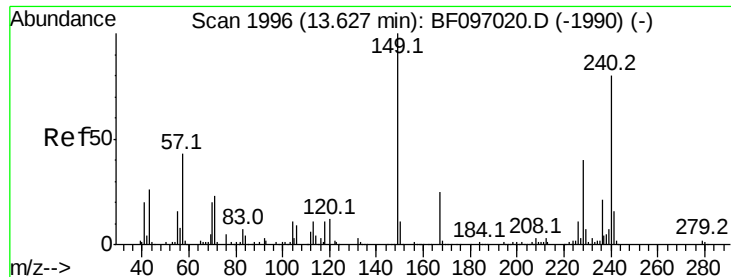
Tot Ion:149 Resp: 45710
 Ion Ratio Lower Upper
 149 100
 177 18.9 16.7 25.1
 150 11.9 10.2 15.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097070.D
 Acq: 26 Jul 2017 12:50

Tgt Ion:188 Resp: 326608
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097070.D

Acq: 26 Jul 2017 12:50

Instrument :

BNA_F

ClientSampleId :

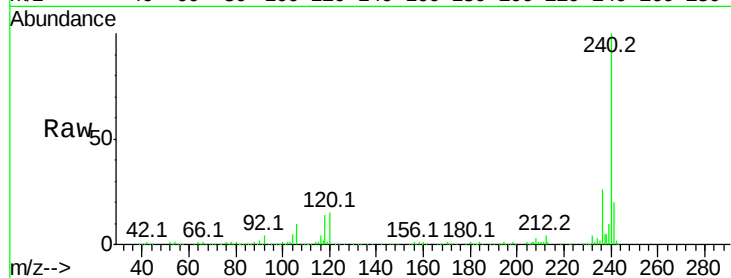
Tot Ion:240 Resp: 296181

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

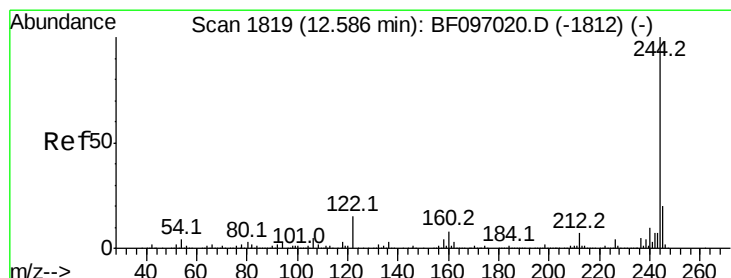
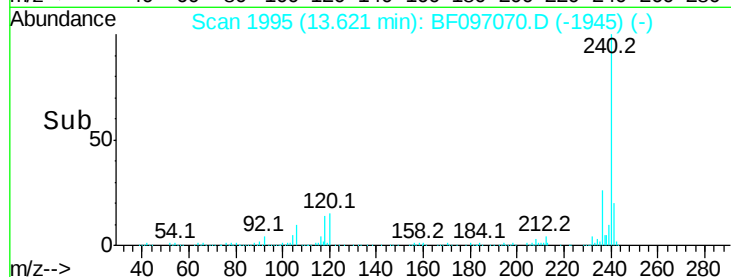
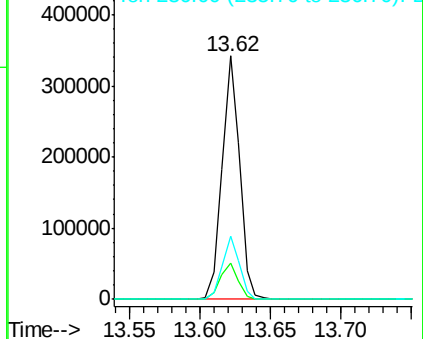
236 26.1 20.5 30.7



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: 1.825 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097070.D

Acq: 26 Jul 2017 12:50

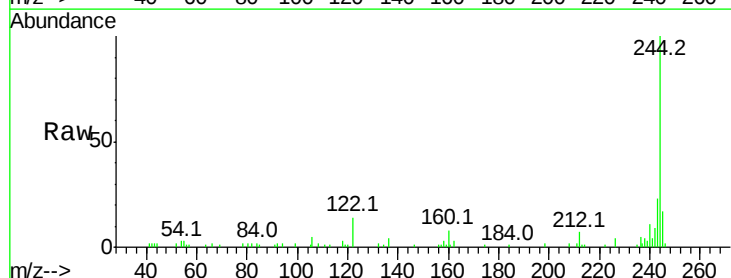
Tgt Ion:244 Resp: 26507

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

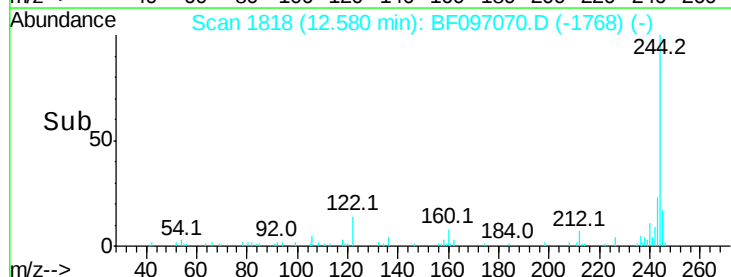
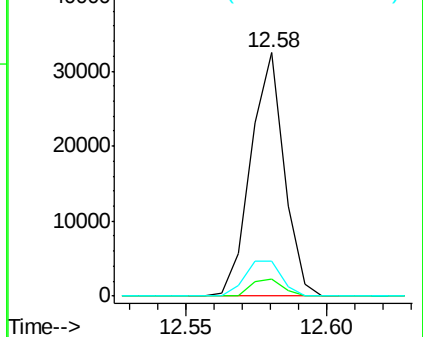
122 14.4 10.3 15.5

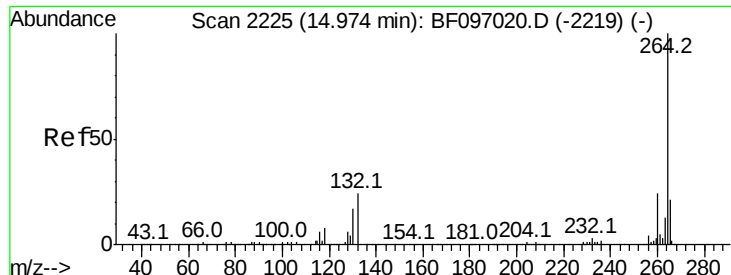


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

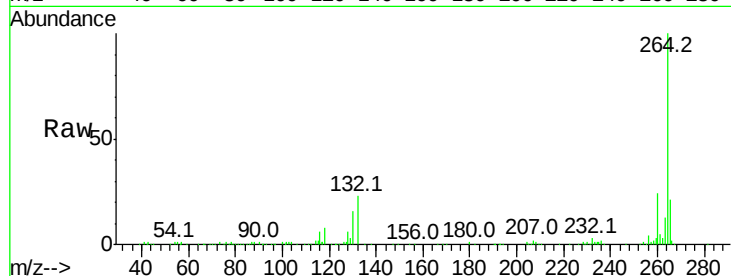




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097070.D
Acq: 26 Jul 2017 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	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

