

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097263.D
 Acq On : 2 Aug 2017 9:18
 Operator : SJ/JU
 Sample : I4493-03 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 11:40:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

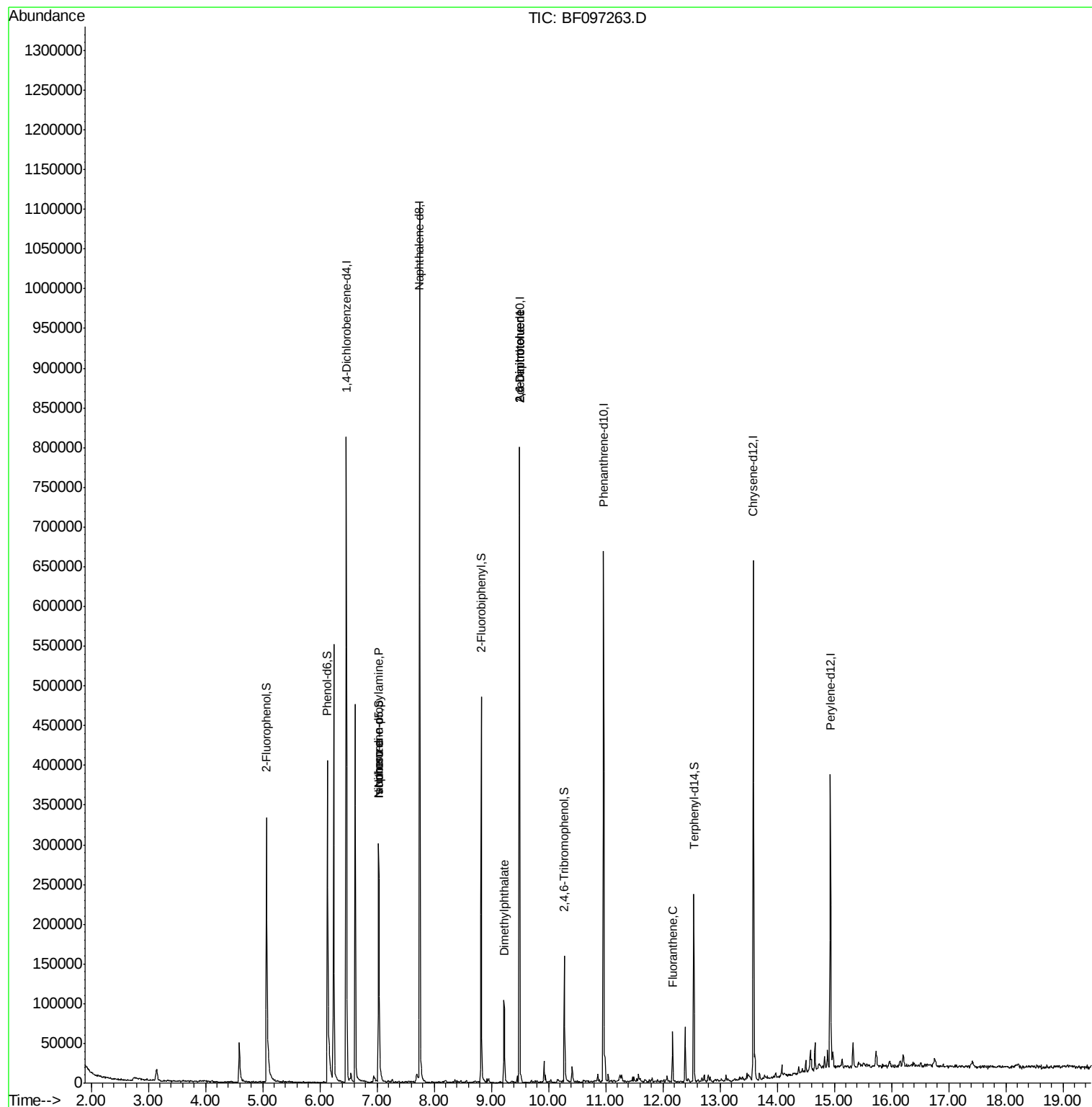
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	116275	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	462557	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	153761	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	211620	20.00	ng	0.00
75) Chrysene-d12	13.59	240	201530	20.00	ng	0.00
86) Perylene-d12	14.93	264	149351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	144995	18.80	ng	0.00
7) Phenol-d6	6.13	99	179942	20.44	ng	-0.01
23) Nitrobenzene-d5	7.03	82	100996	12.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	19687	16.21	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	134109	14.80	ng	-0.01
78) Terphenyl-d14	12.55	244	68705	6.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	13286	2.292	ng	# 85
25) Isophorone	7.03	82	100995	6.540	ng	# 67
49) Dimethylphthalate	9.22	163	46242	3.960	ng	99
50) 2,6-Dinitrotoluene	9.49	165	19433	7.847	ng	# 31
56) 2,4-Dinitrotoluene	9.49	165	19433	6.826	ng	# 31
74) Fluoranthene	12.17	202	25531	2.298	ng	98

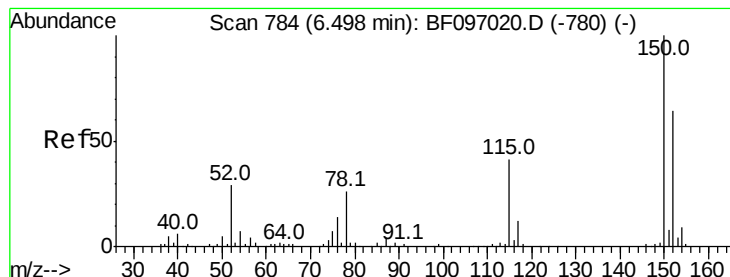
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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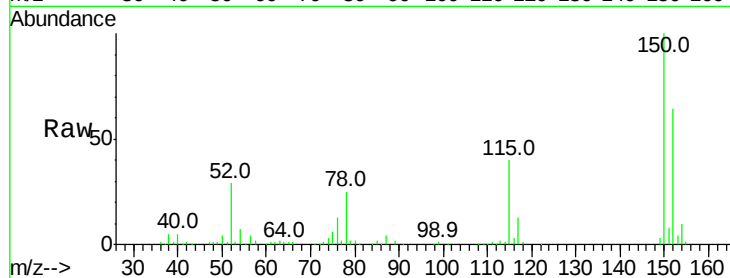


#1

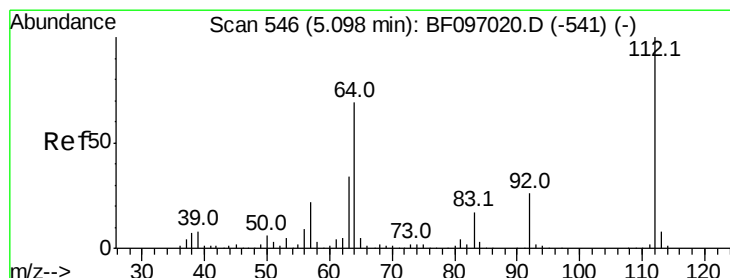
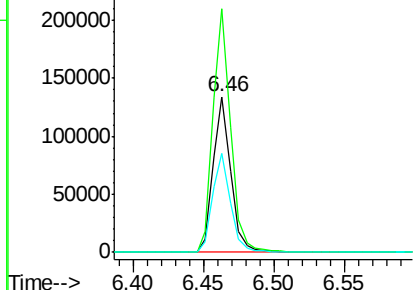
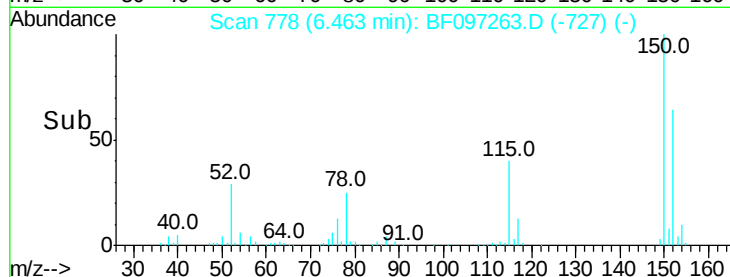
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF097263.D
Acq: 2 Aug 2017 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116275
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 63.4 52.2 78.2



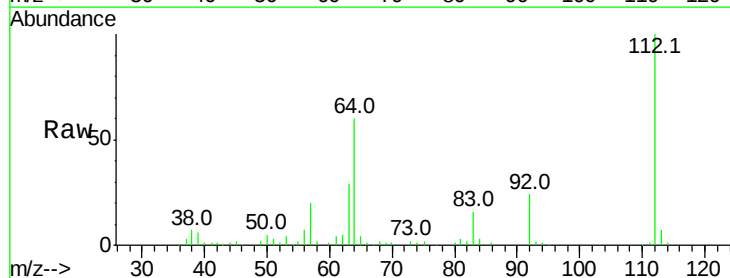
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



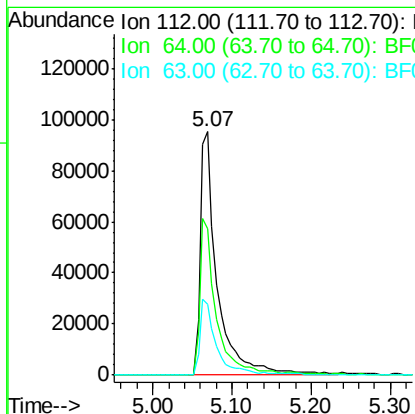
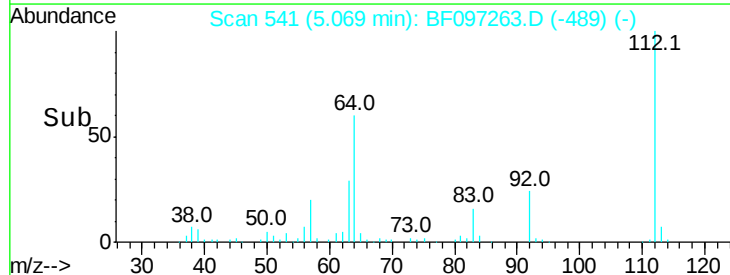
#5

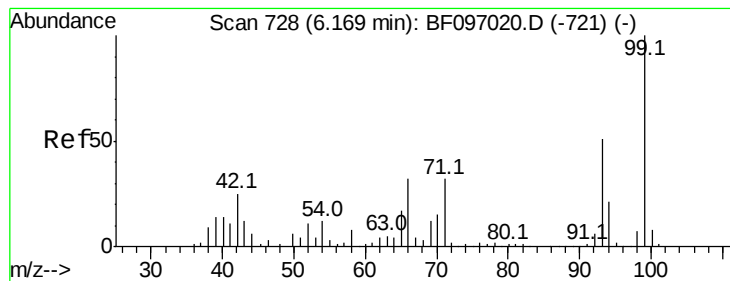
2-Fluorophenol
Concen: 18.798 ng
RT: 5.07 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF097263.D
Acq: 2 Aug 2017 9:18

Tgt Ion:112 Resp: 144995
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 29.2 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: 20.435 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

BNA_F

ClientSampled :

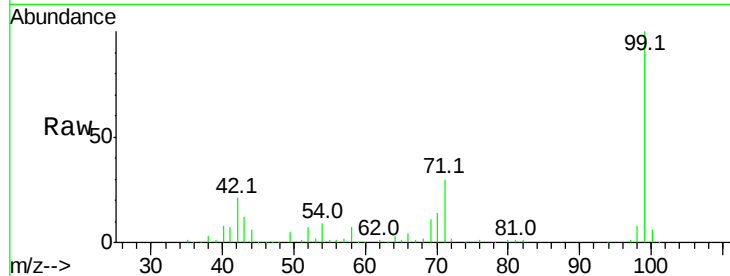
Tot Ion: 99 Resp: 179942

Ion Ratio Lower Upper

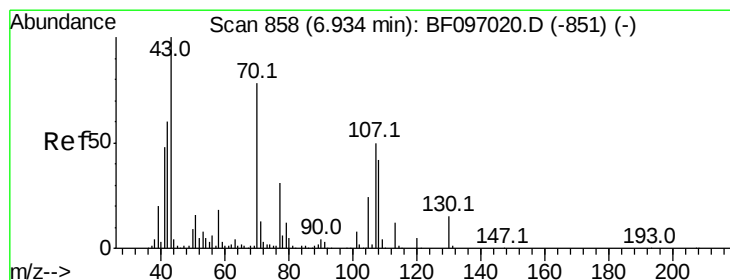
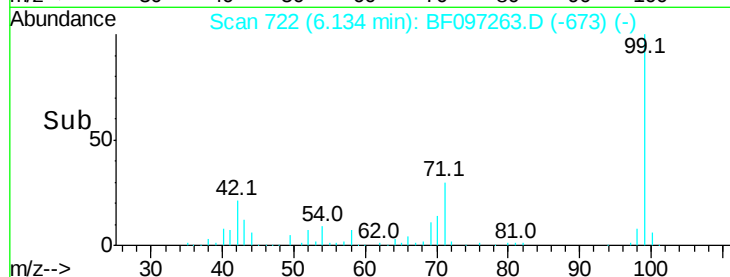
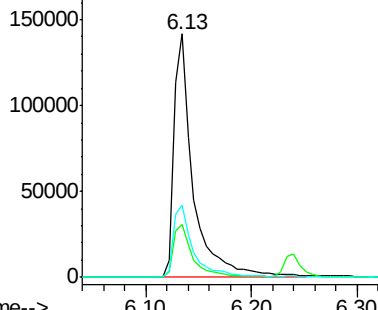
99 100

42 21.5 13.5 20.3#

71 29.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.292 ng

RT: 7.03 min Scan# 874

Delta R.T. 0.12 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Tgt Ion: 70 Resp: 13286

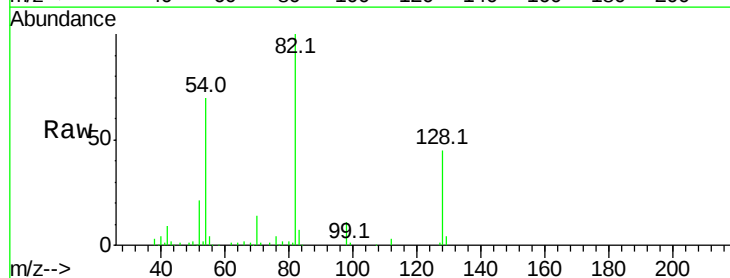
Ion Ratio Lower Upper

70 100

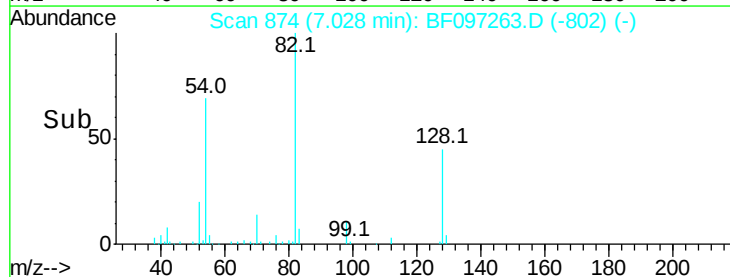
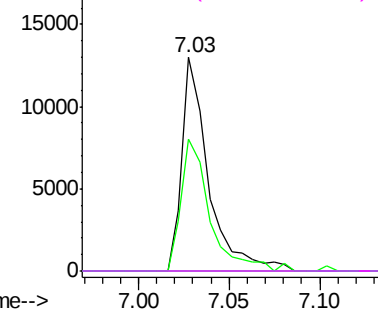
42 61.5 47.2 70.8

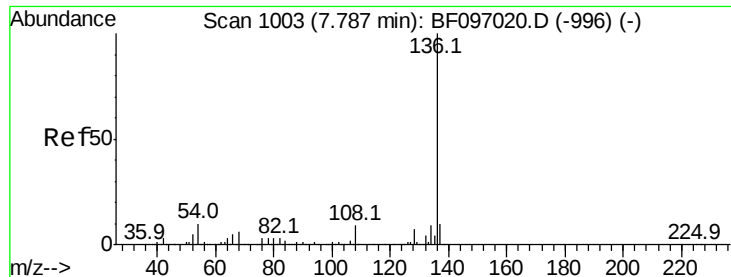
101 0.0 7.2 10.8#

130 0.0 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: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 462557

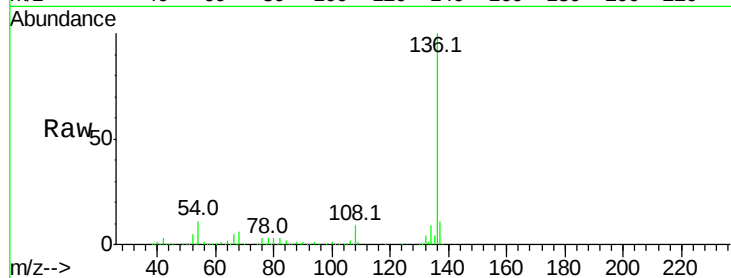
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 4.9 7.3#

68 6.0 4.1 6.1

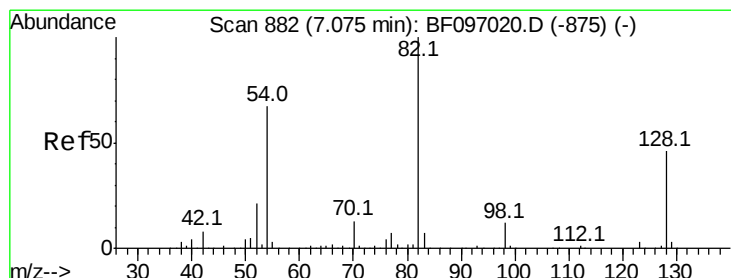
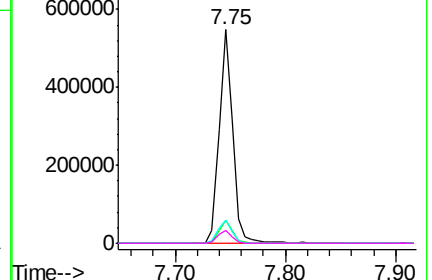
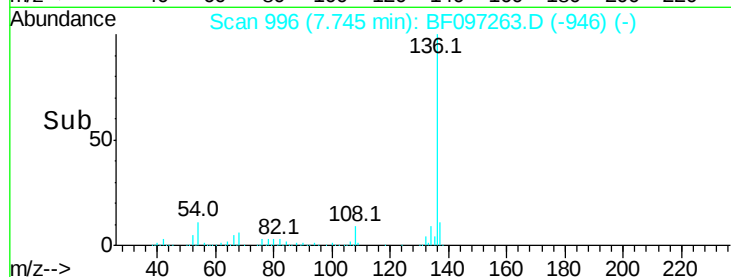


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.809 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

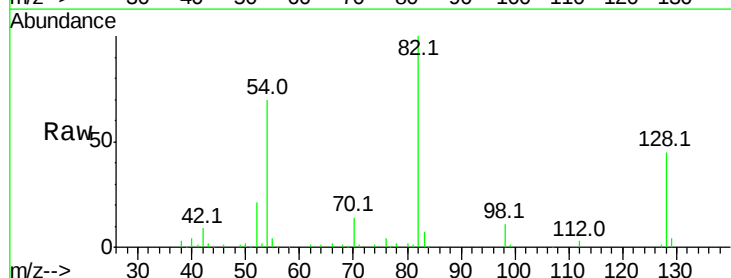
Tgt Ion: 82 Resp: 100996

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

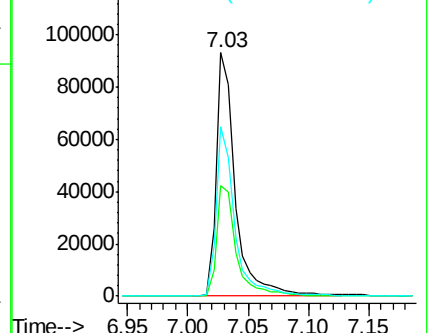
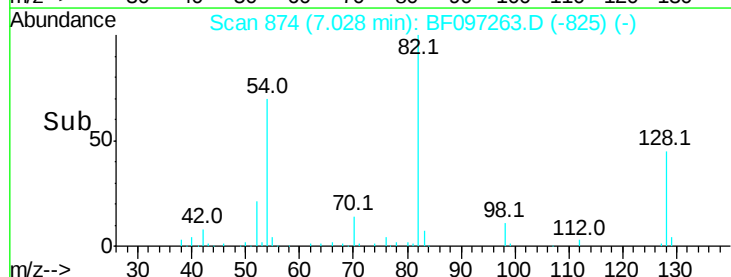
54 69.6 42.2 63.2#

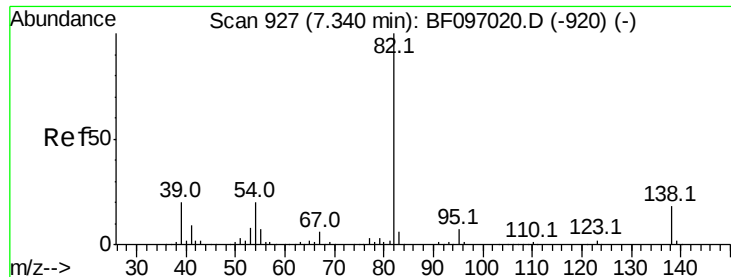


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.540 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

BNA_F

ClientSampleId :

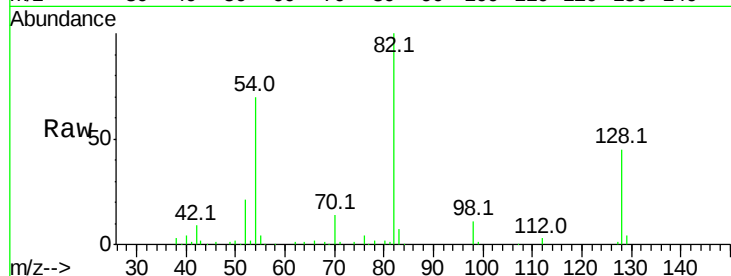
Tot Ion: 82 Resp: 100995

Ion Ratio Lower Upper

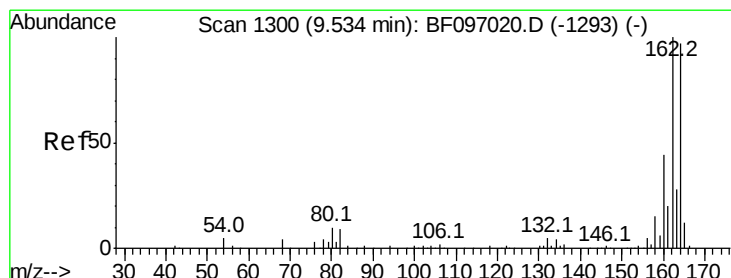
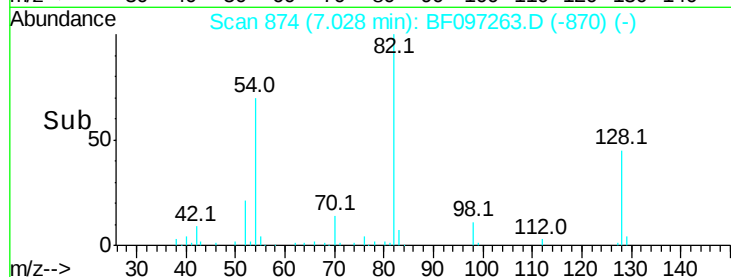
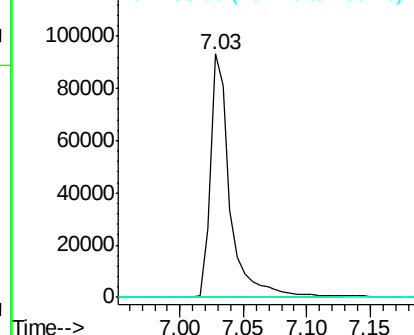
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.49 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

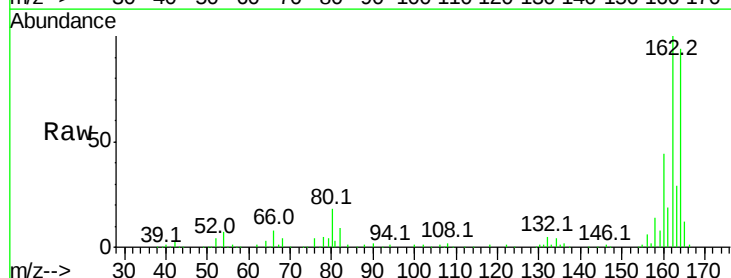
Tgt Ion:164 Resp: 153761

Ion Ratio Lower Upper

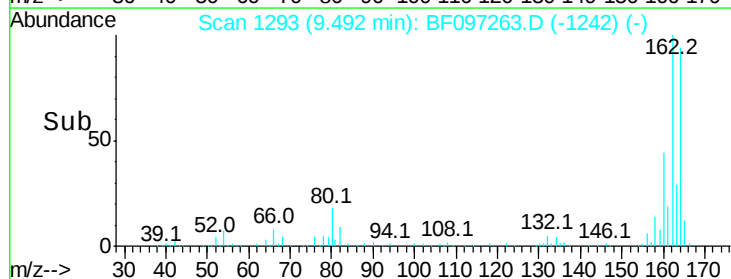
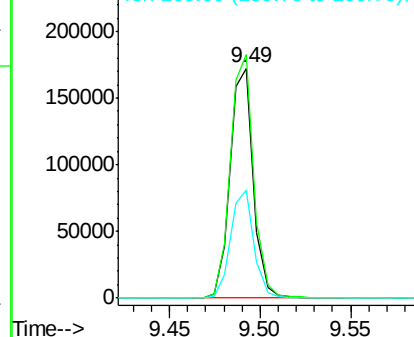
164 100

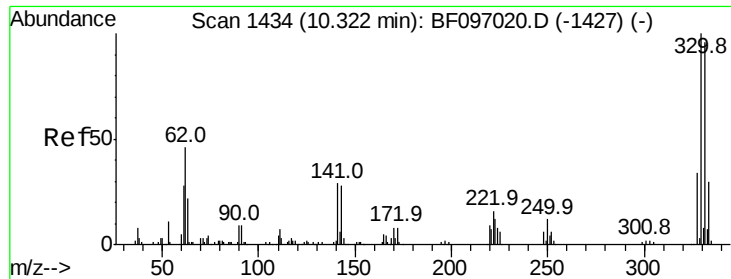
162 105.9 82.6 123.8

160 46.8 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

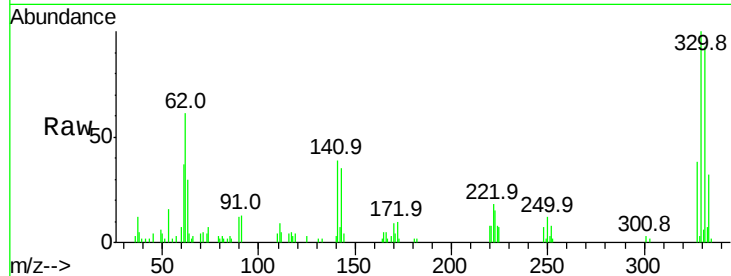




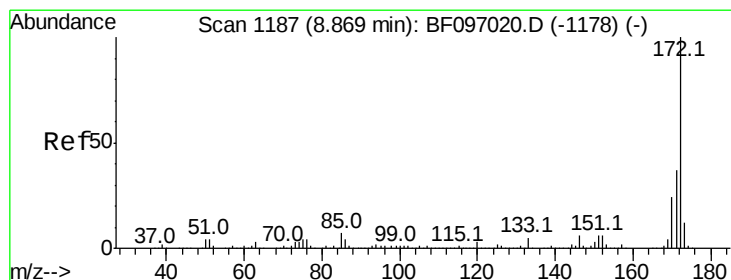
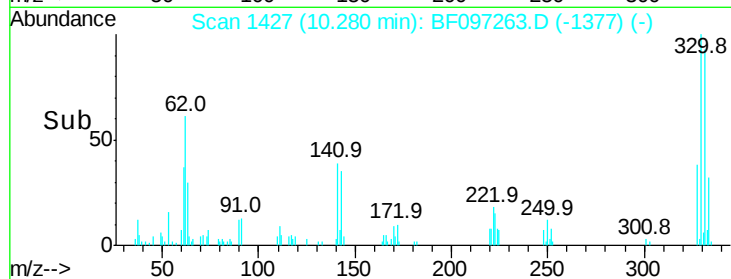
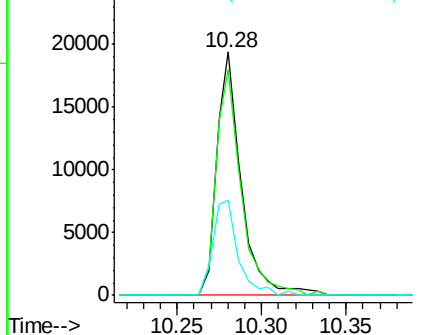
#41
 2,4,6-Tribromophenol
 Concen: 16.205 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	40.9	31.4	47.2

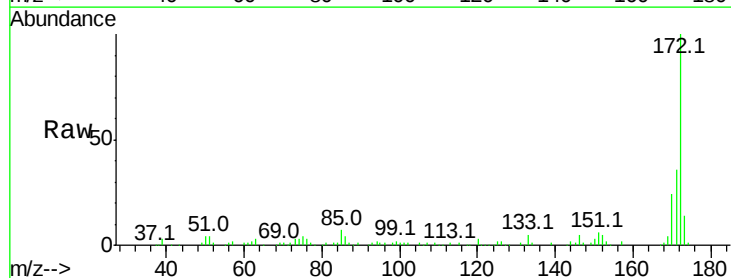


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

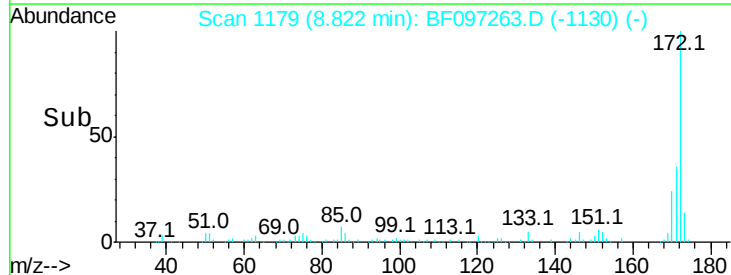
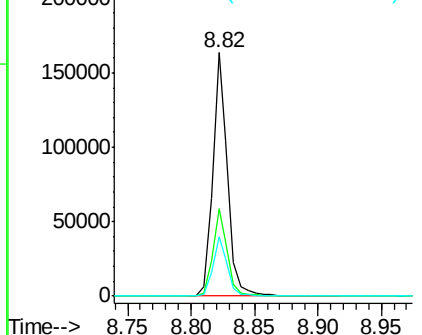


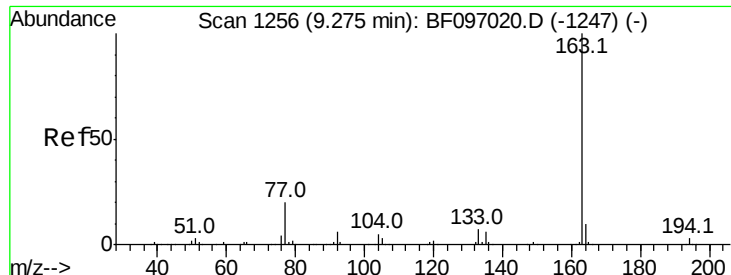
#44
 2-Fluorobiphenyl
 Concen: 14.802 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	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

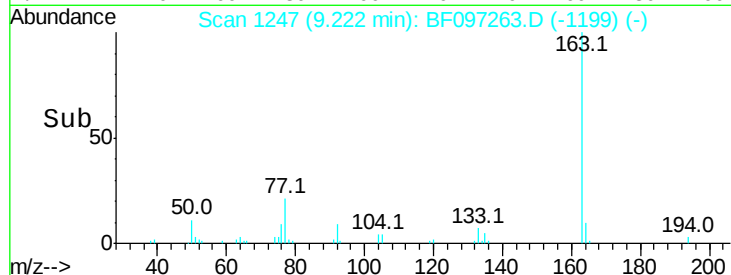
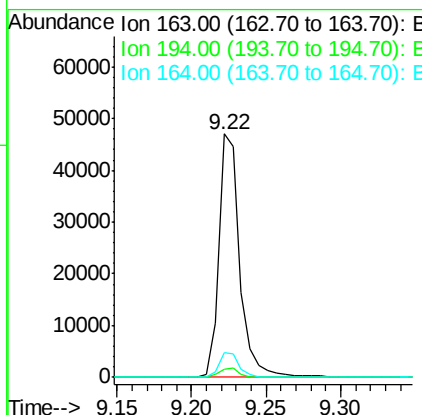
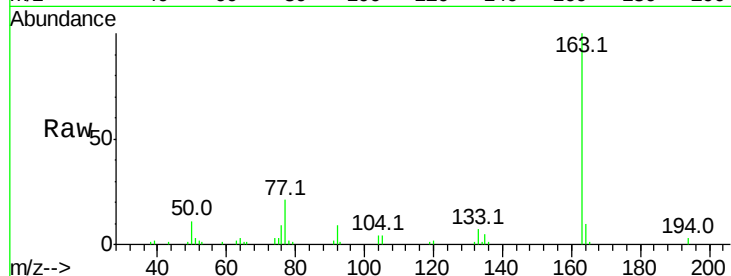




#49
Dimethylphthalate
Concen: 3.960 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097263.D
Acq: 2 Aug 2017 9:18

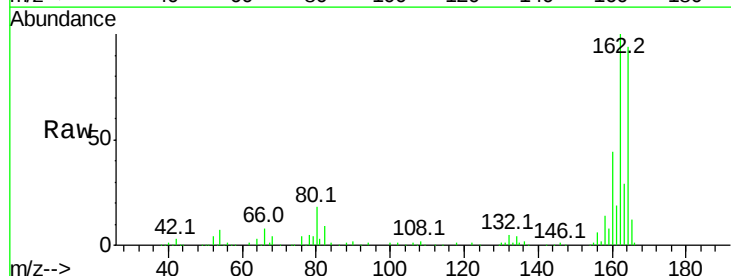
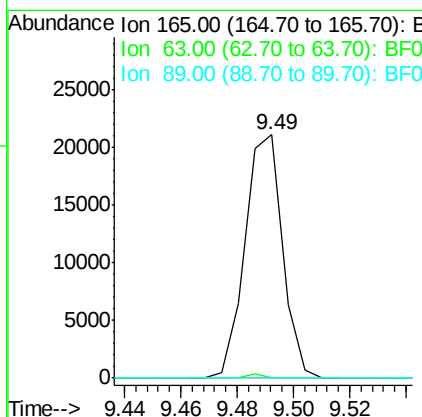
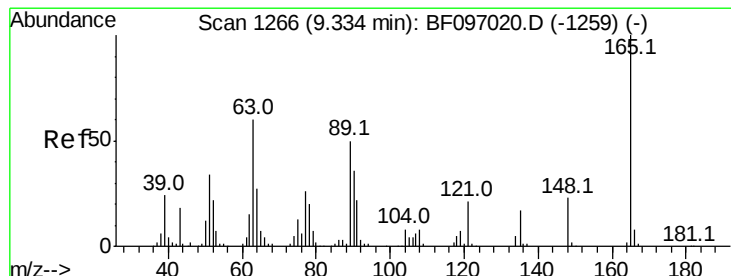
Instrument :
BNA_F
ClientSampleId :

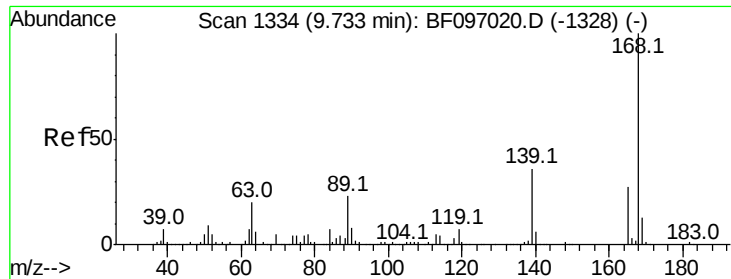
Tot Ion:163 Resp: 46242
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 7.847 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF097263.D
Acq: 2 Aug 2017 9:18

Tgt Ion:165 Resp: 19433
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

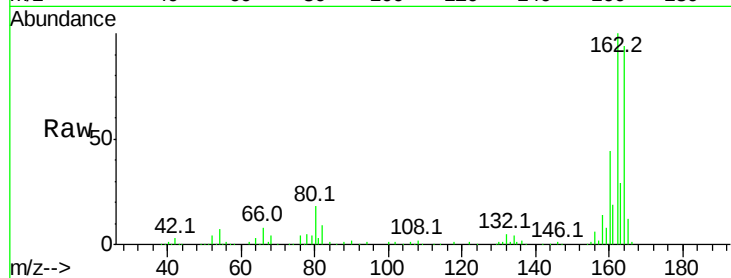




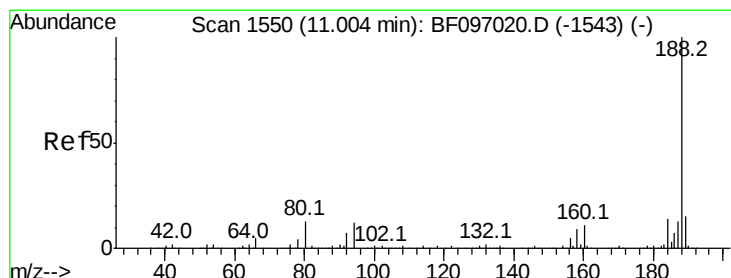
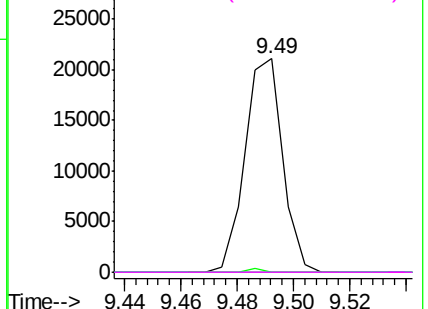
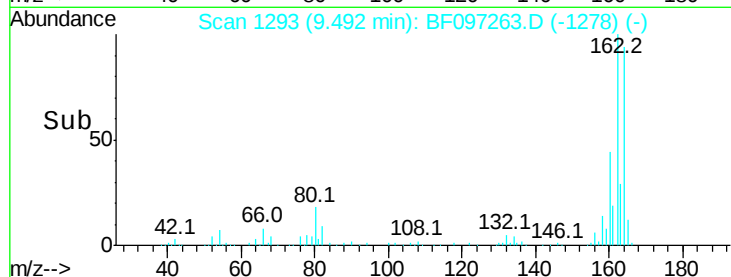
#56
 2,4-Dinitrotoluene
 Concen: 6.826 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19433
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

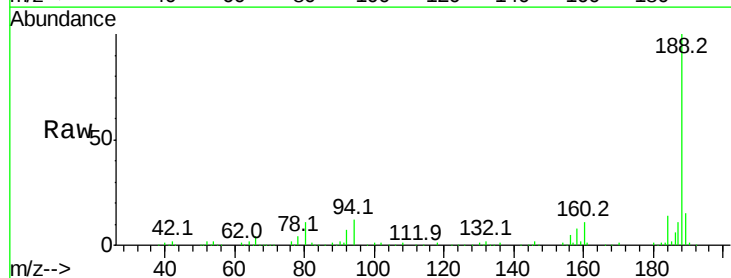


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

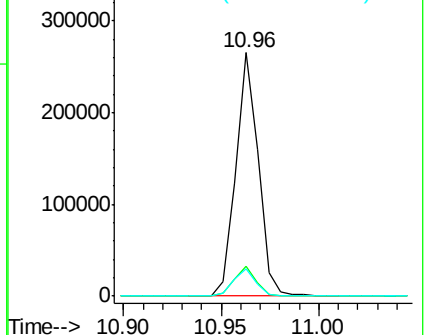
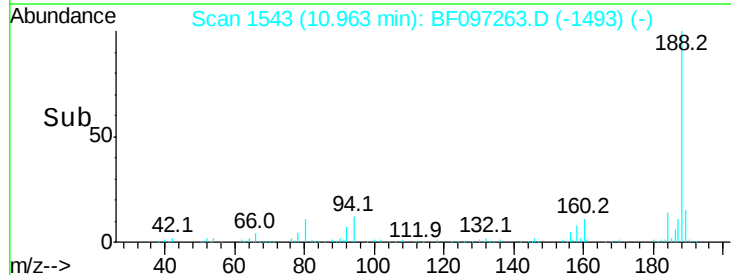


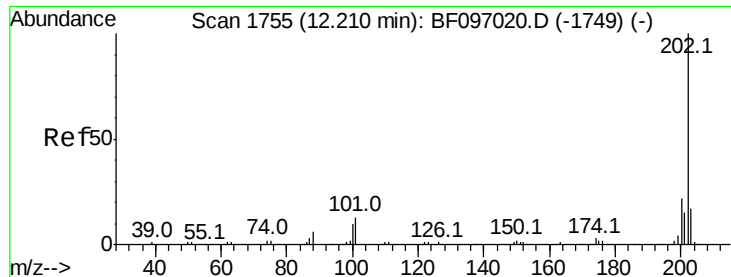
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Tgt Ion:188 Resp: 211620
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 11.1 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

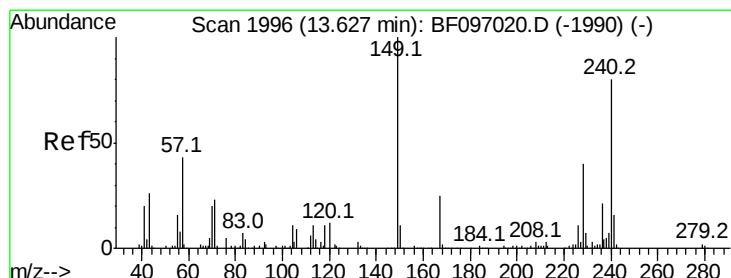
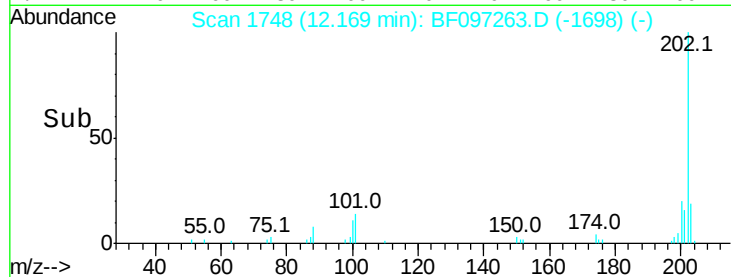
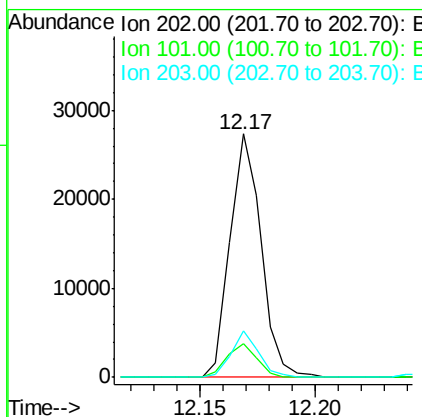
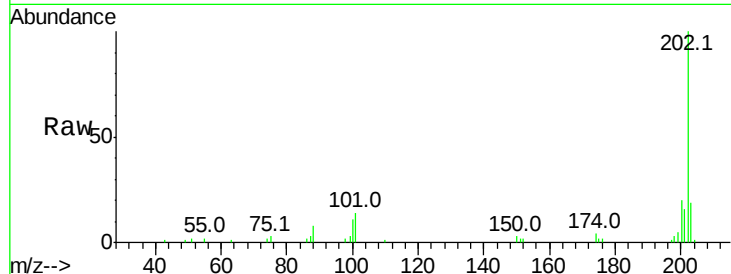




#74
Fluoranthene
 Concen: 2.298 ng
 RT: 12.17 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

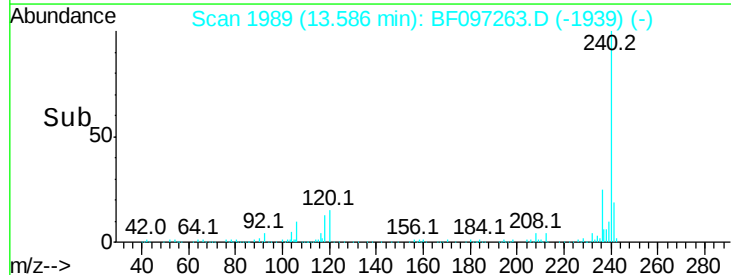
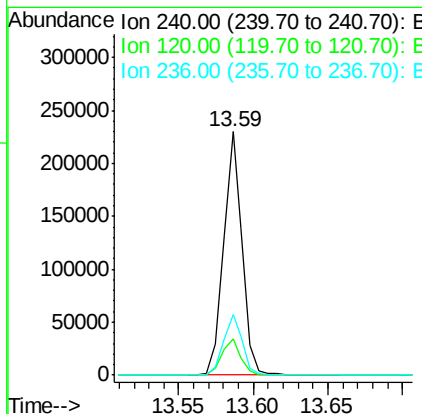
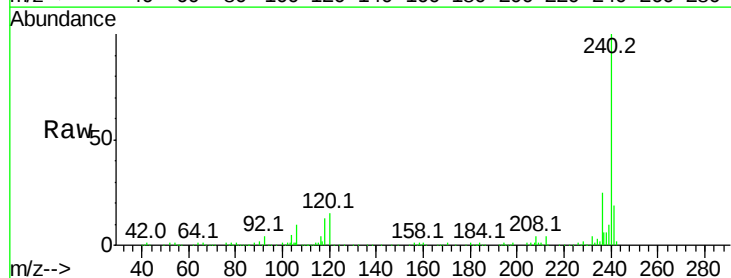
Instrument :
 BNA_F
 ClientSampleId :

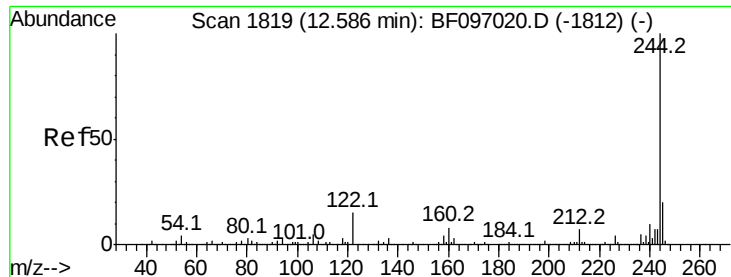
Tot Ion:202 Resp: 25531
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 33.2
 203 19.2 0.0 38.1



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Tgt Ion:240 Resp: 201530
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 6.951 ng

RT: 12.55 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

BNA_F

ClientSampled :

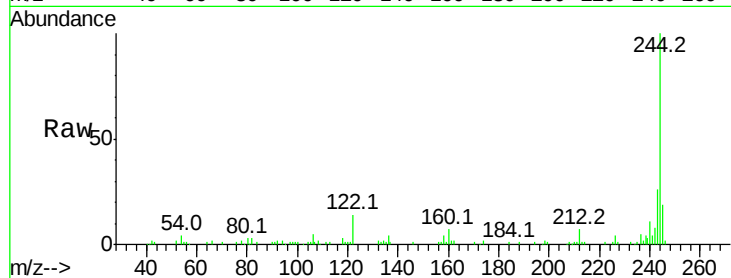
Tot Ion:244 Resp: 68705

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

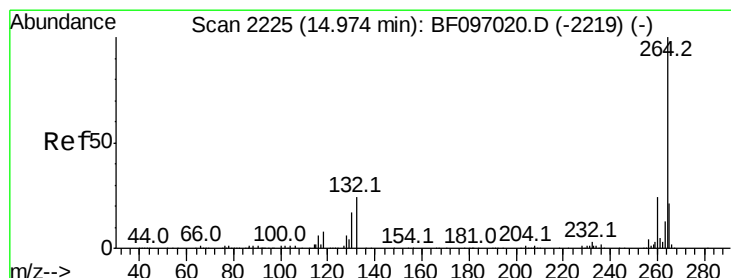
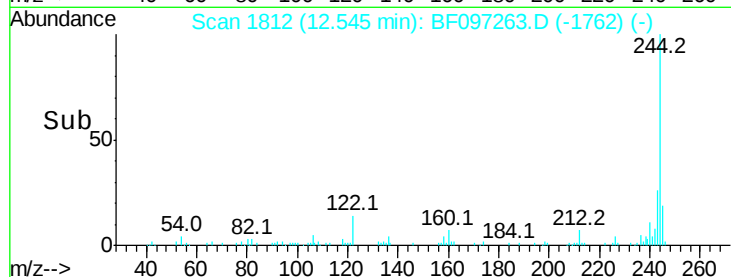
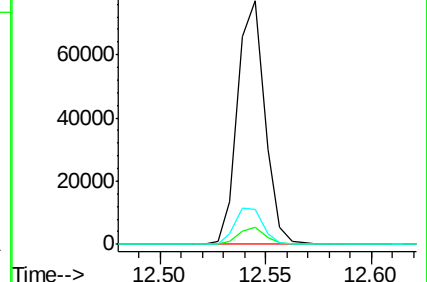
122 14.4 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

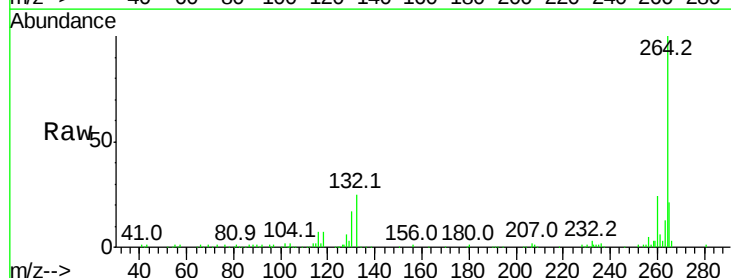
Tgt Ion:264 Resp: 149351

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.5 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

