

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099596.D
 Acq On : 17 Oct 2017 22:14
 Operator : SJ/JU
 Sample : I5869-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 22:55:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

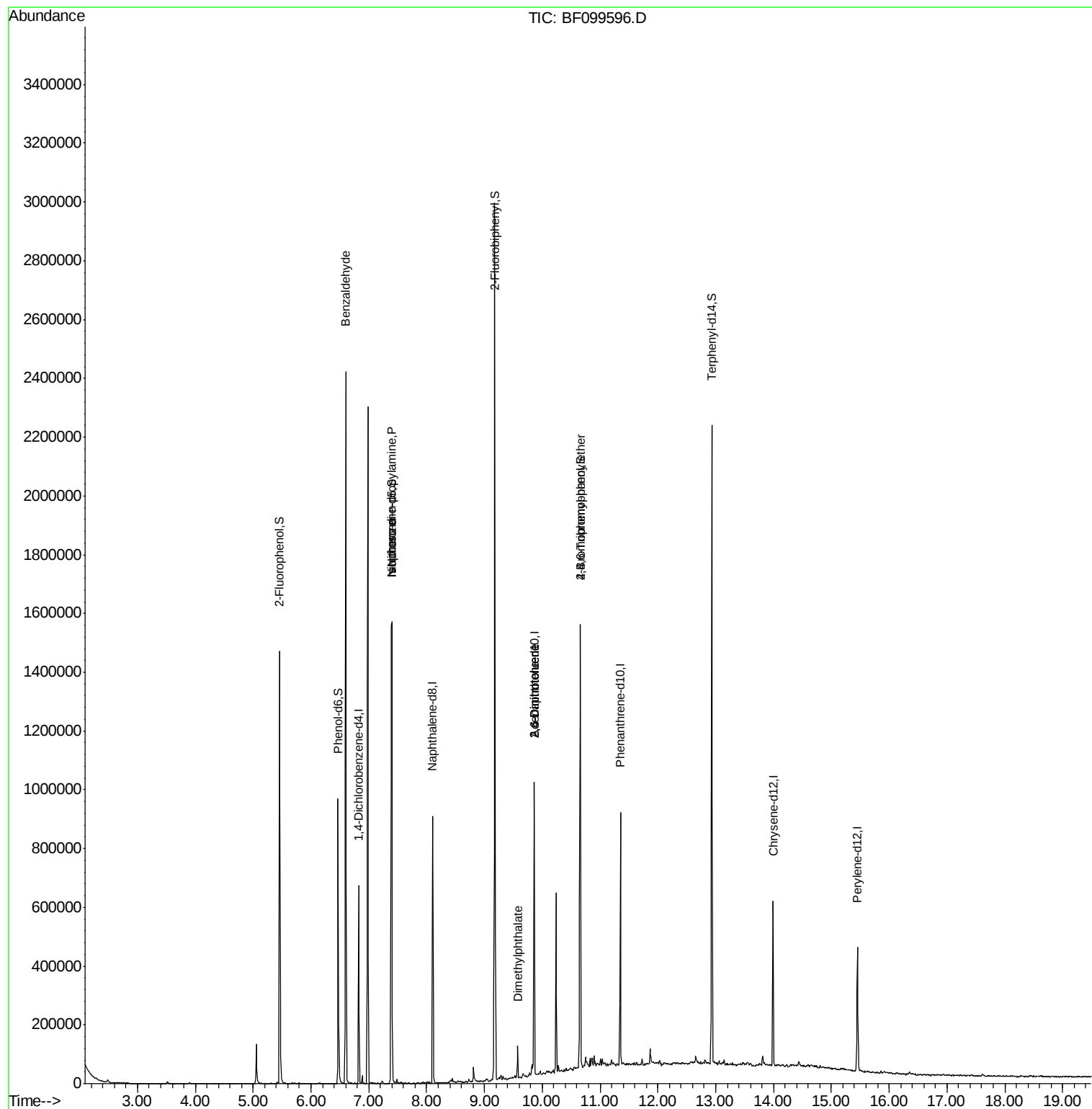
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110128	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	442597	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	193395	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	294725	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180999	20.00	ng	0.00
86) Perylene-d12	15.45	264	184761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	440661	63.70	ng	0.01
7) Phenol-d6	6.47	99	331283	38.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	642488	93.09	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	184597	116.65	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1170798	101.07	ng	0.00
78) Terphenyl-d14	12.93	244	706766	88.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	14201	2.87	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.39	70	80928	14.85	ng	# 73
25) Isophorone	7.40	82	642479	45.03	ng	# 64
49) Dimethylphthalate	9.57	163	38138	2.61	ng	99
50) 2,6-Dinitrotoluene	9.86	165	25310	7.96	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	25310	6.14	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	12260	4.25	ng	# 1

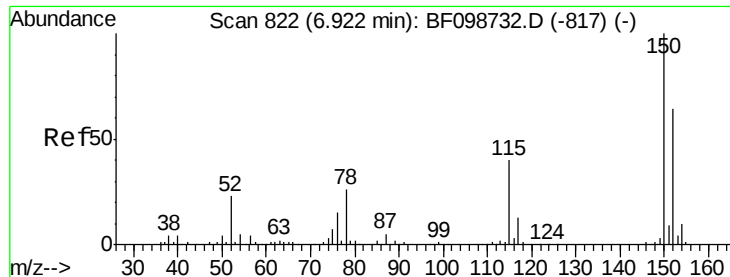
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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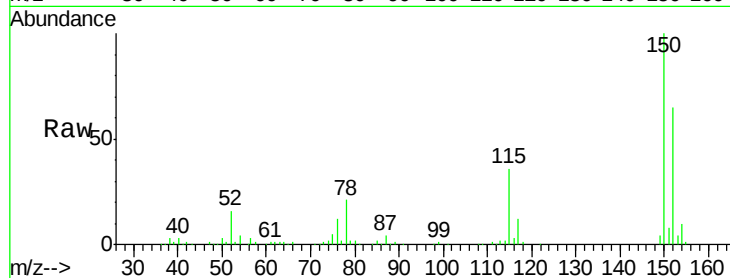


#1

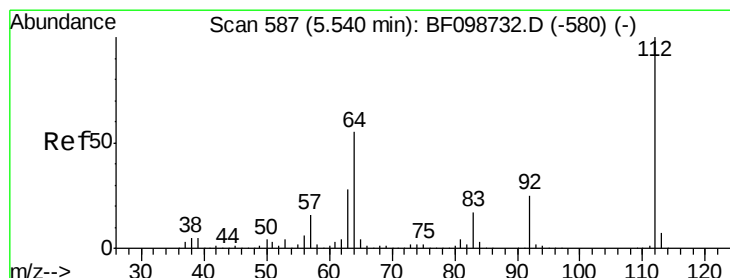
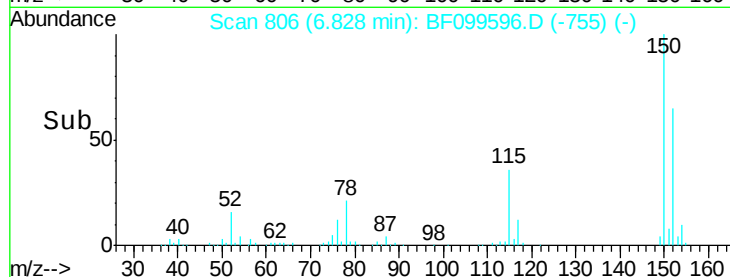
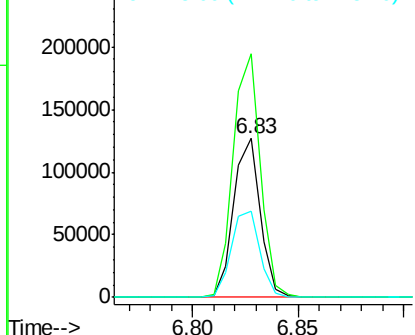
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110128
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 54.5 50.1 75.1



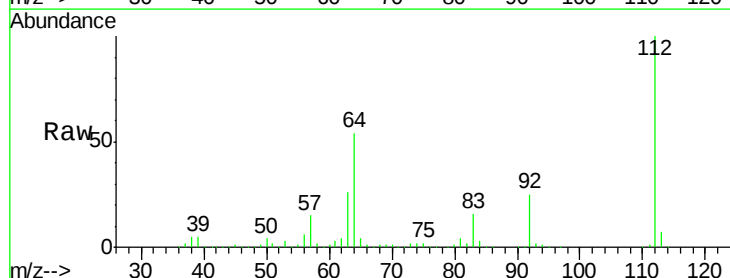
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



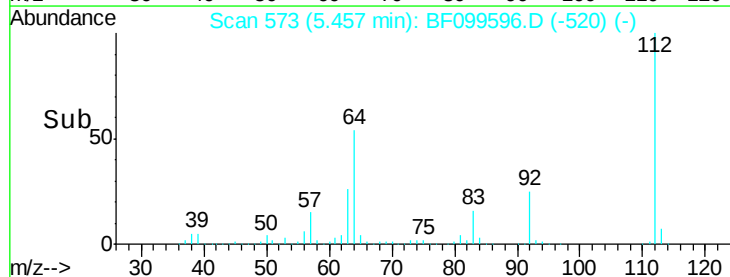
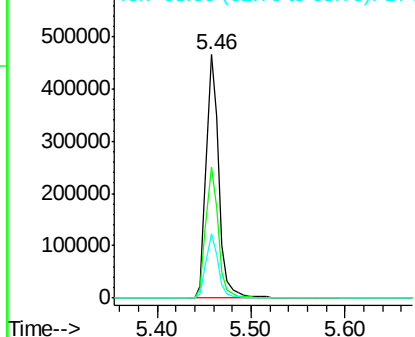
#5

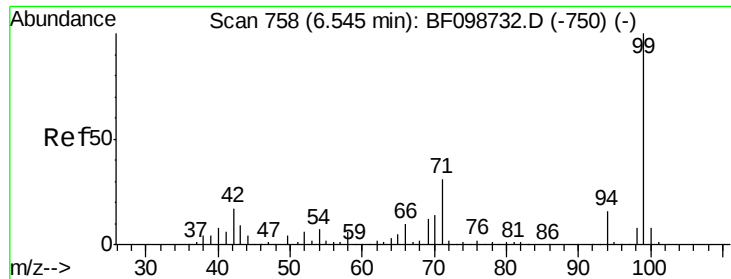
2-Fluorophenol
Concen: 63.70 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Tgt Ion:112 Resp: 440661
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 26.4 23.7 35.5



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: 38.82 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

Instrument :

BNA_F

ClientSampled :

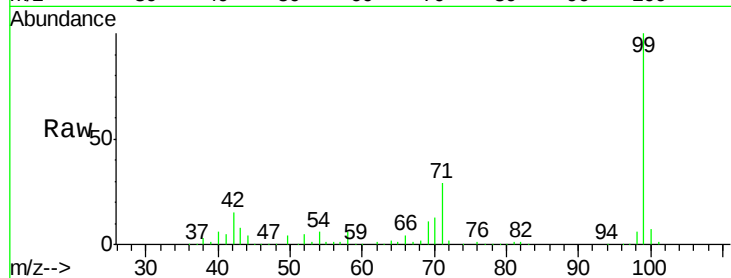
Tot Ion: 99 Resp: 331283

Ion Ratio Lower Upper

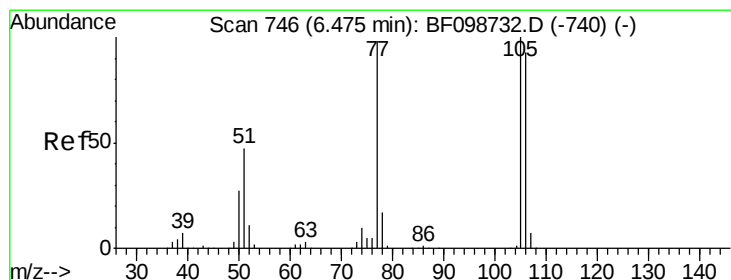
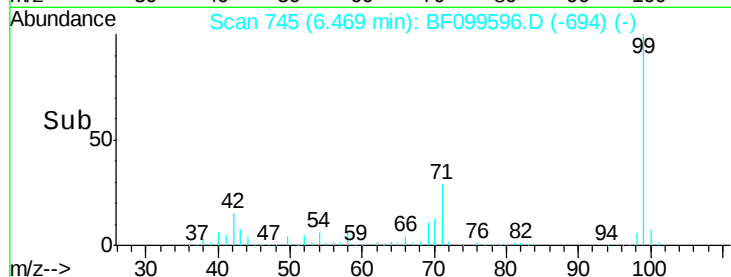
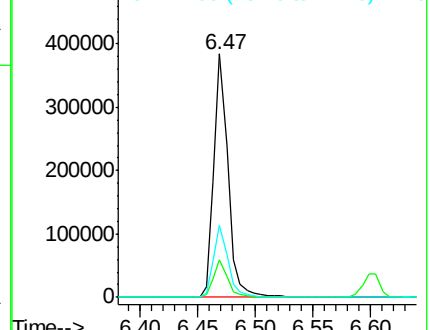
99 100

42 15.3 14.5 21.7

71 29.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

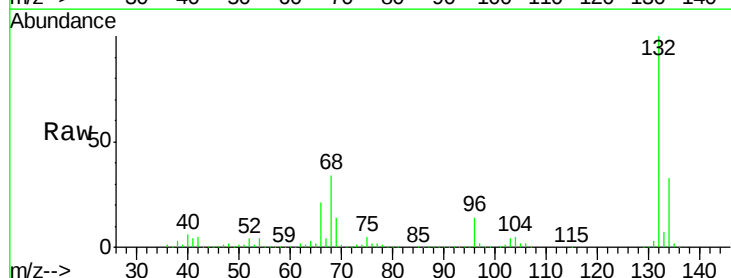
Tgt Ion: 77 Resp: 14201

Ion Ratio Lower Upper

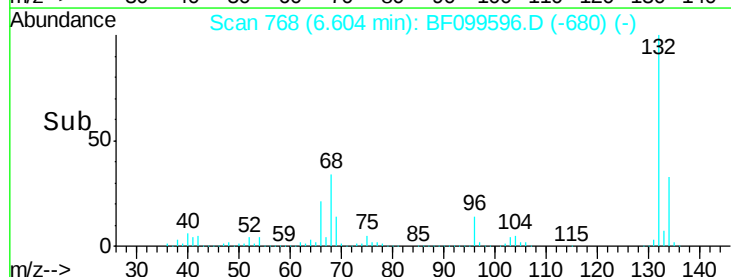
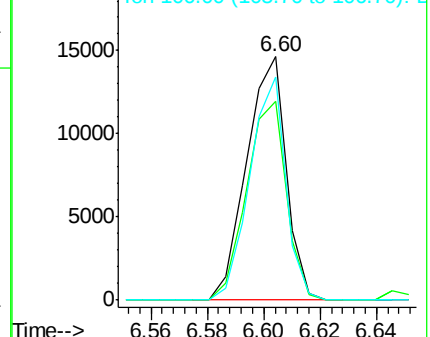
77 100

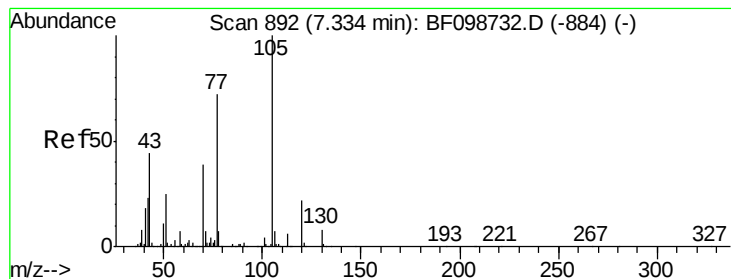
105 81.6 81.1 121.1

106 91.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.85 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 80928

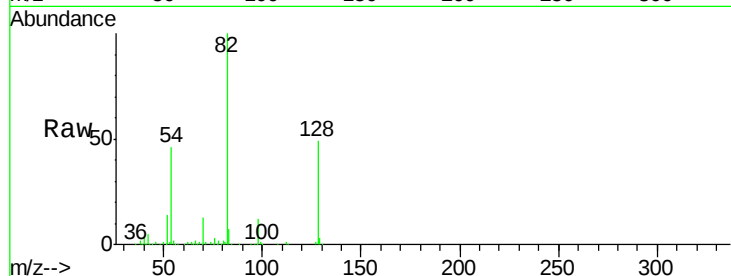
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

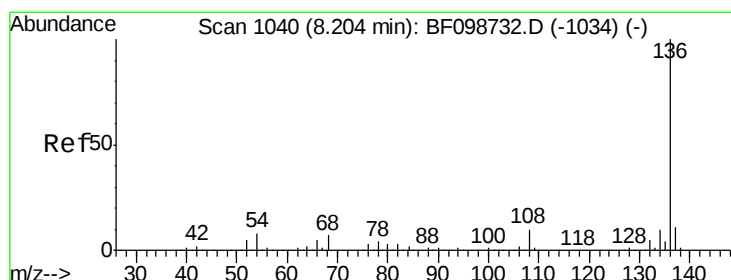
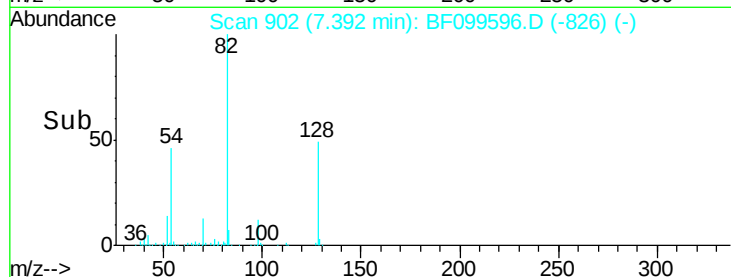
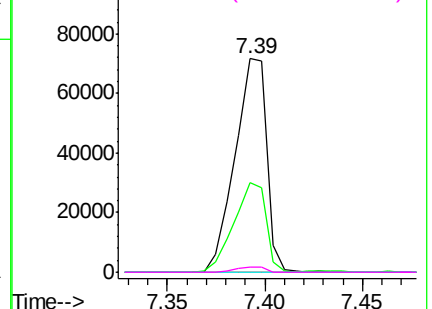


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

Tgt Ion: 136 Resp: 442597

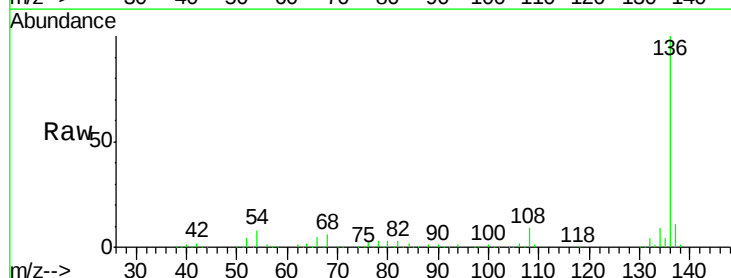
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

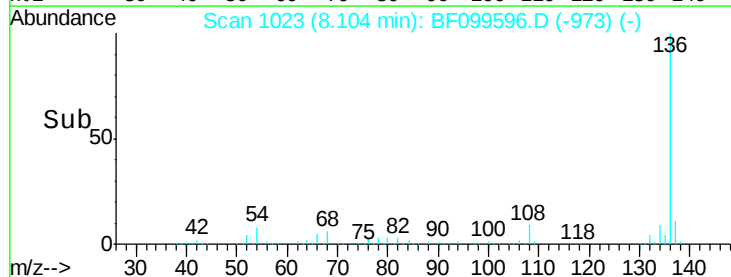
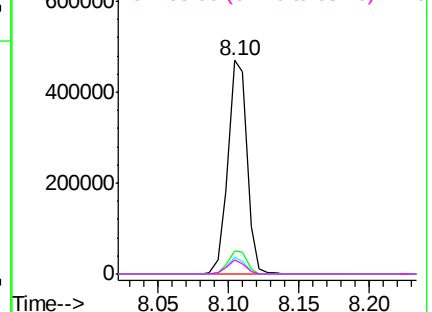


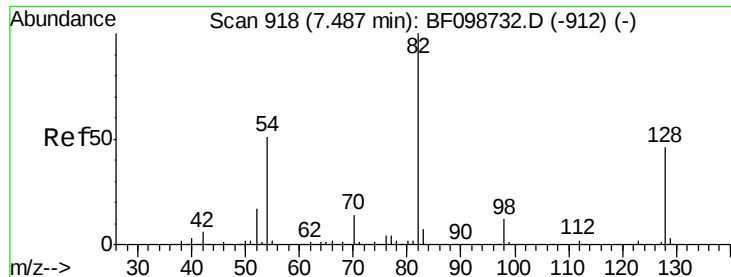
Abundance Ion 136.00 (135.70 to 136.70): E

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

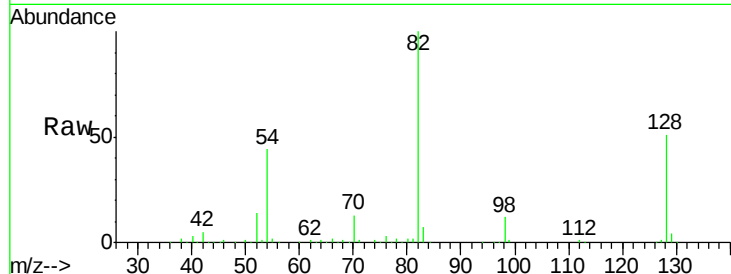




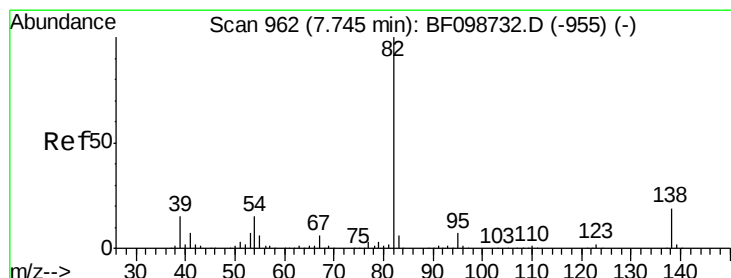
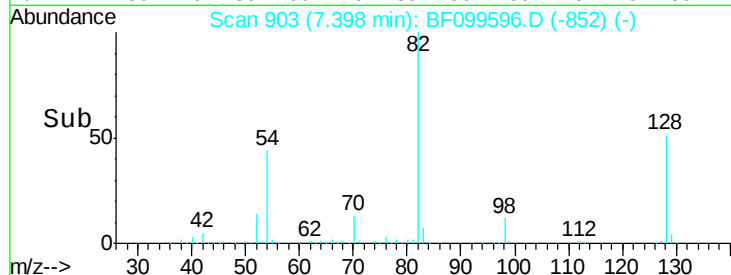
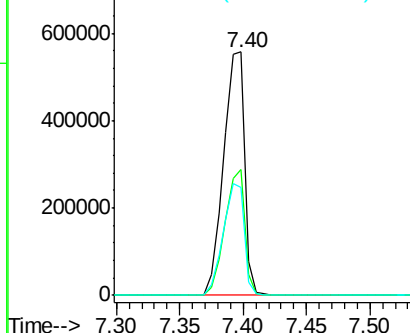
#23
Nitrobenzene-d5
Concen: 93.09 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	642488
Ion Ratio	Lower	Upper	
82	100		
128	51.5	36.1	54.1
54	44.1	41.4	62.2

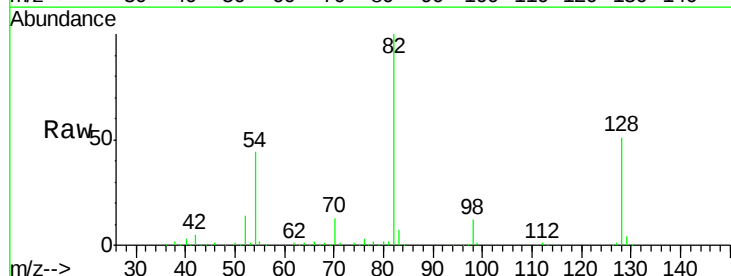


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

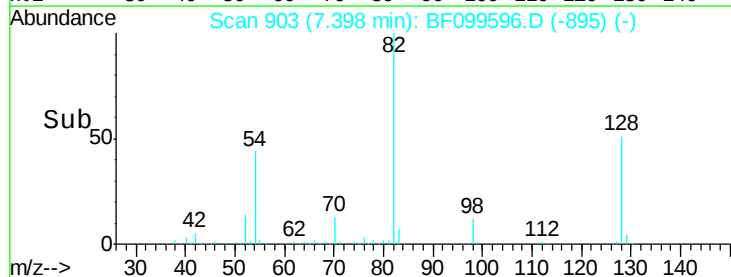
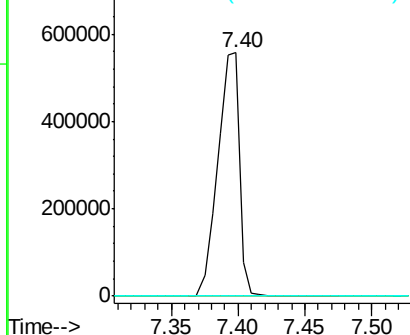


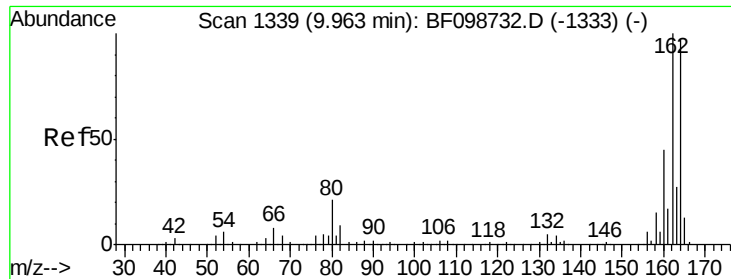
#25
Isophorone
Concen: 45.03 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Tgt Ion	82	Resp	642479
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

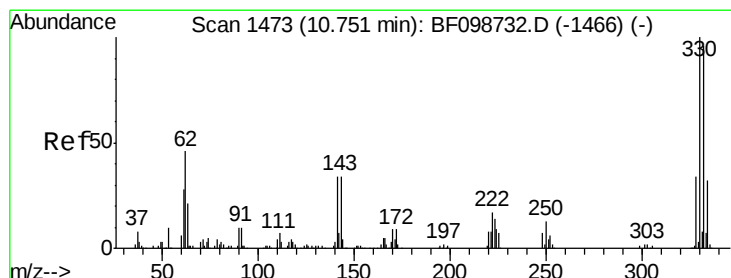
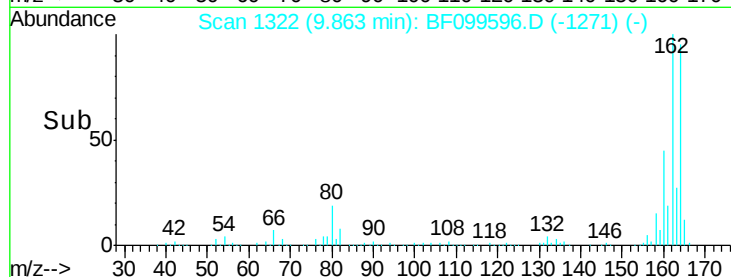
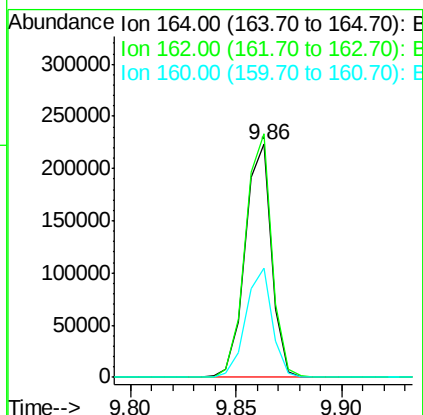
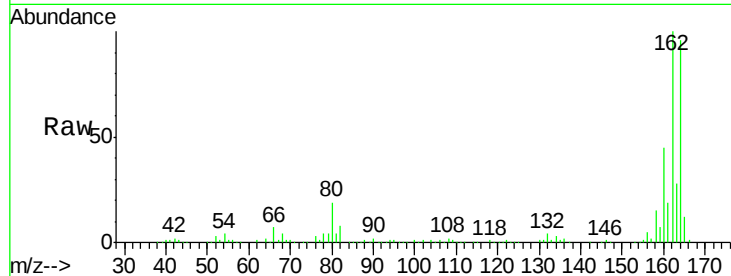




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF099596.D
 Acq: 17 Oct 2017 22:14

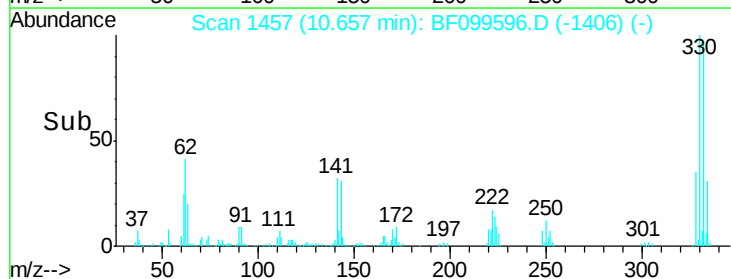
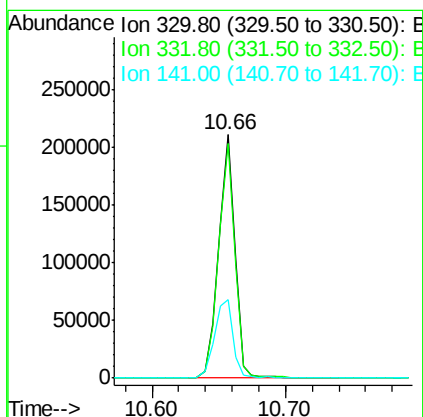
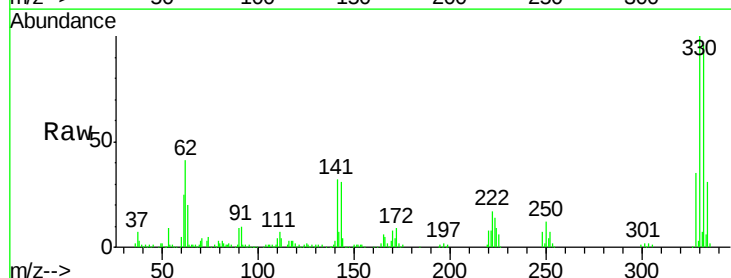
Instrument :
 BNA_F
 ClientSampleId :

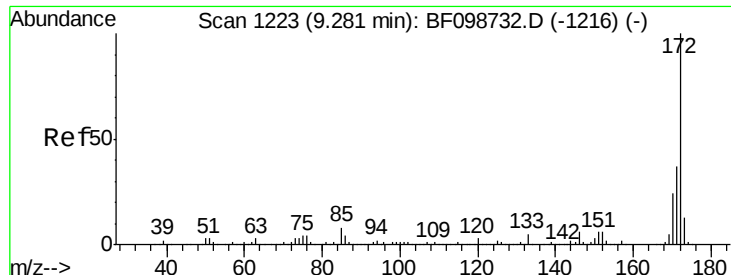
Tot Ion:164 Resp: 193395
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.65 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF099596.D
 Acq: 17 Oct 2017 22:14

Tgt Ion:330 Resp: 184597
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 36.9 29.9 44.9

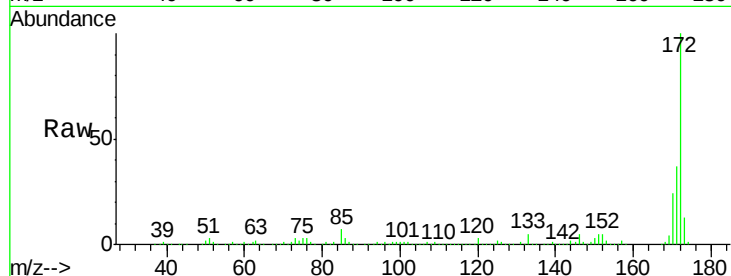




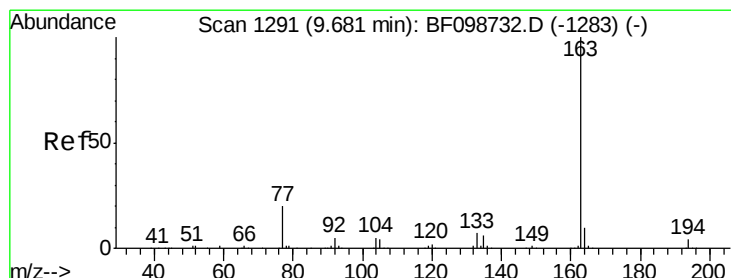
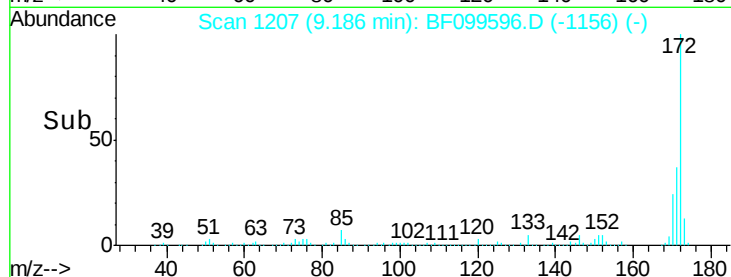
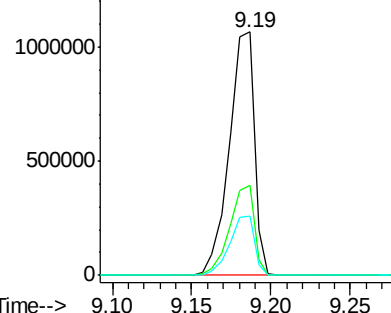
#44
2-Fluorobiphenyl
Concen: 101.07 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1170798
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.2 19.6 29.4

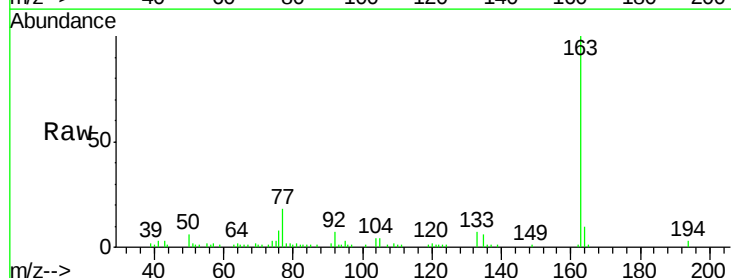


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

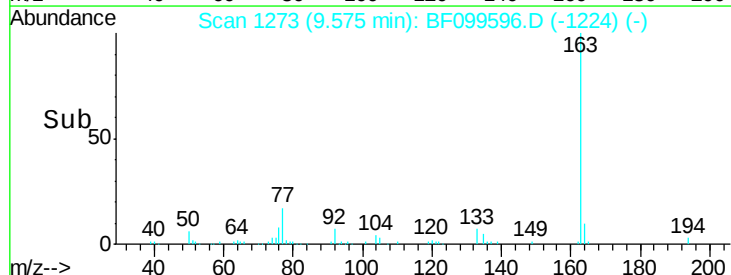
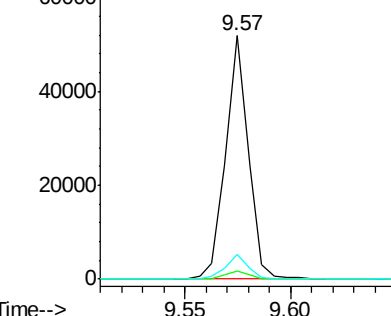


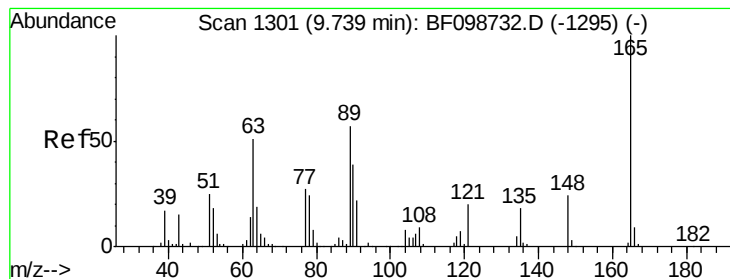
#49
Dimethylphthalate
Concen: 2.61 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Tgt Ion:163 Resp: 38138
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2



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





#50

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF099596.D

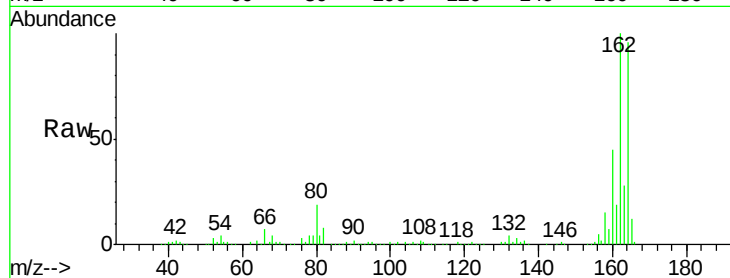
Acq: 17 Oct 2017 22:14

Instrument :

BNA_F

ClientSampleId :

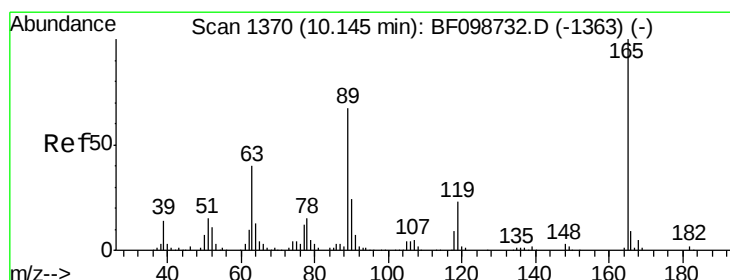
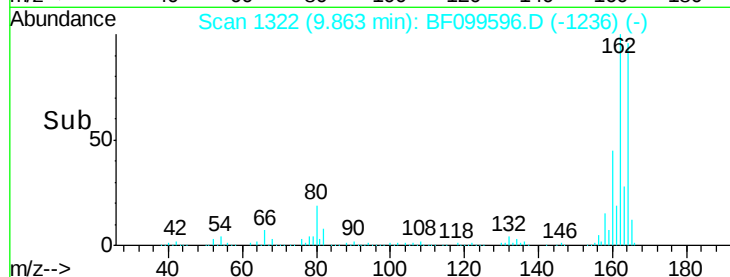
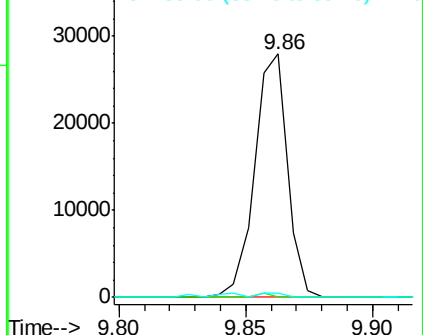
Tot Ion:165	Resp:	25310
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.7 67.1#
89	1.9	44.0 66.0#



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: 6.14 ng

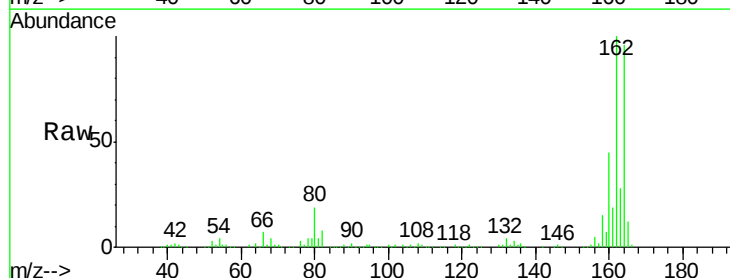
RT: 9.86 min Scan# 1322

Delta R.T. -0.20 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

Tgt Ion:165	Resp:	25310
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.9	57.8 86.6#
182	0.0	1.6 2.4#

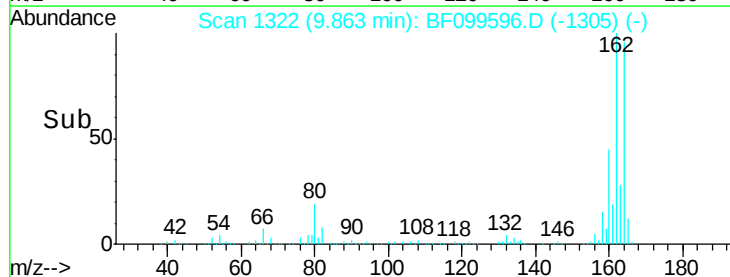
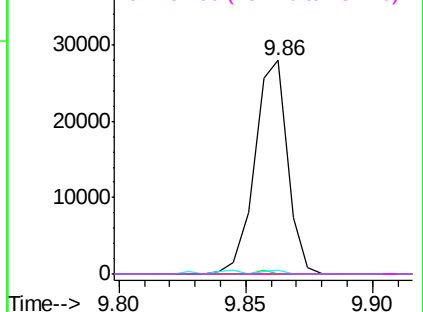


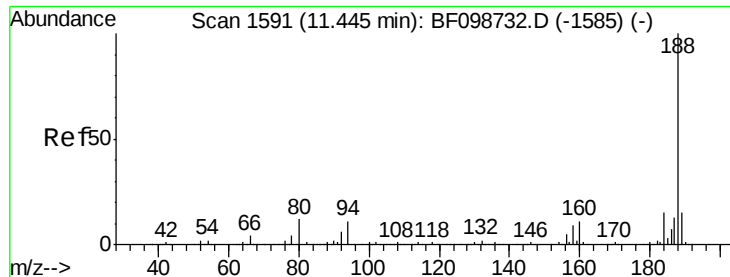
Abundance Ion 165.00 (164.70 to 165.70): E

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

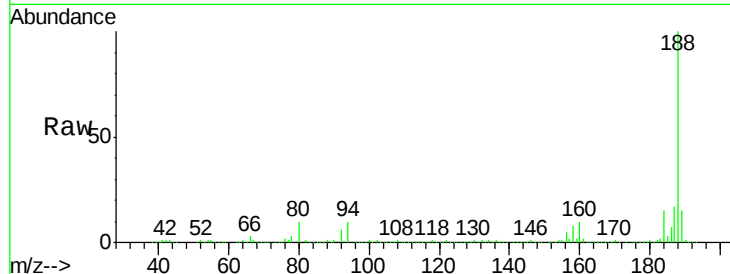




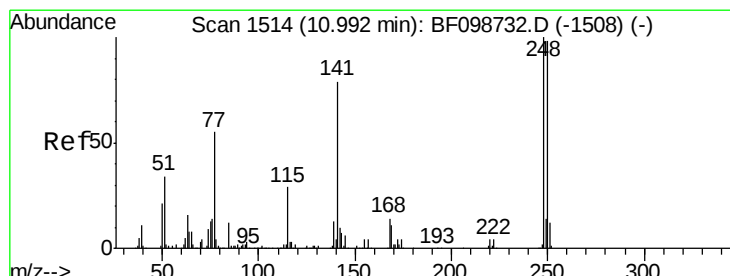
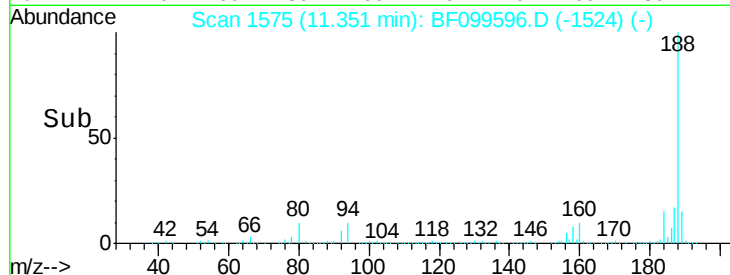
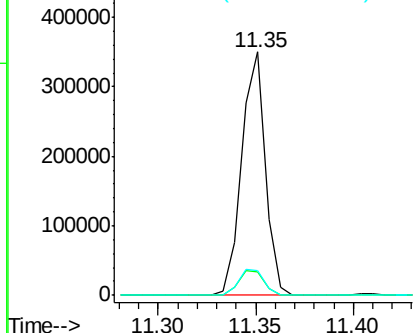
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 294725
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.1 9.2 13.8

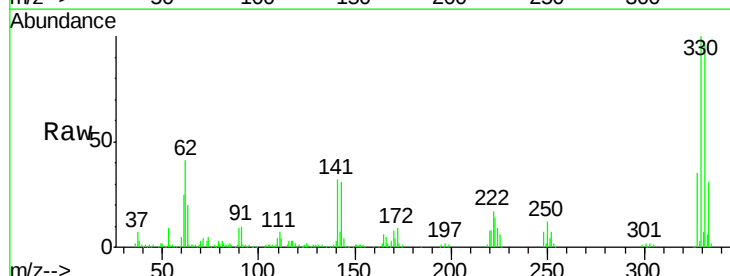


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

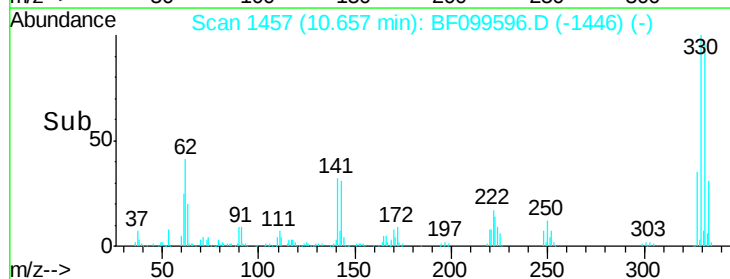
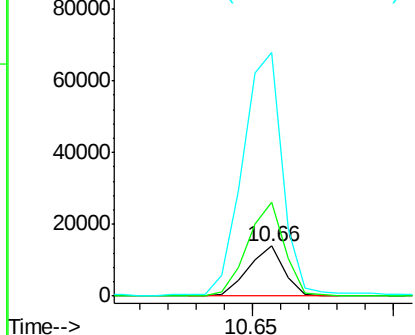


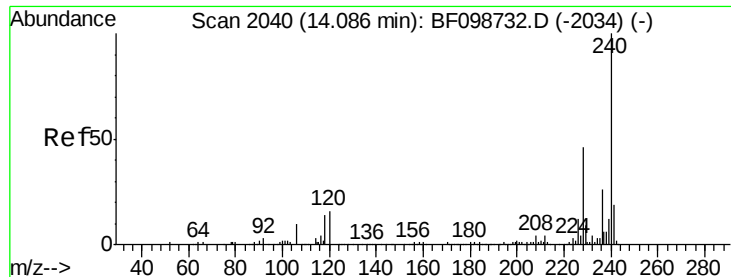
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF099596.D
Acq: 17 Oct 2017 22:14

Tgt Ion:248 Resp: 12260
Ion Ratio Lower Upper
248 100
250 187.5 76.9 115.3#
141 484.2 74.4 111.6#



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

Instrument :

BNA_F

ClientSampleId :

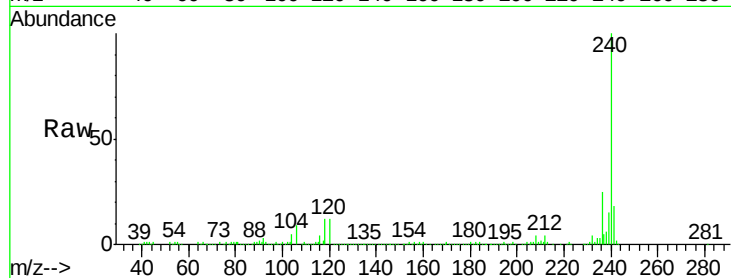
Tot Ion:240 Resp: 180999

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

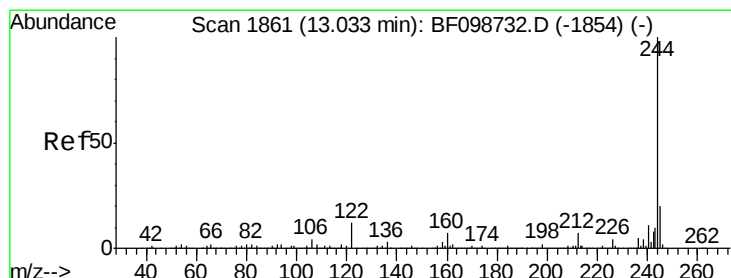
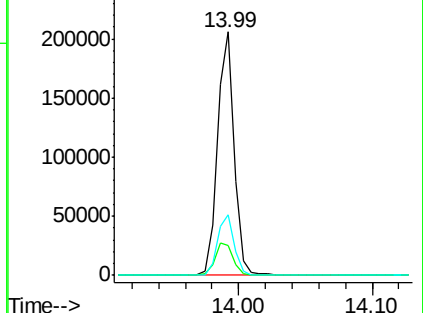
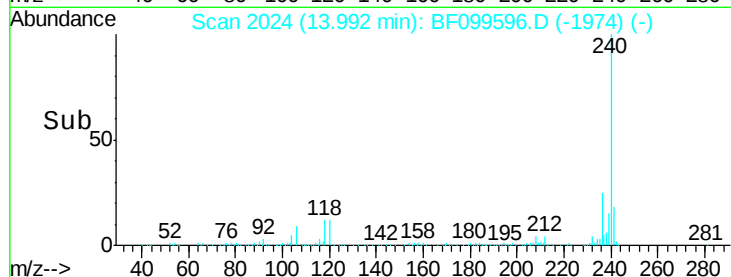
236 24.8 20.7 31.1



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: 88.80 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099596.D

Acq: 17 Oct 2017 22:14

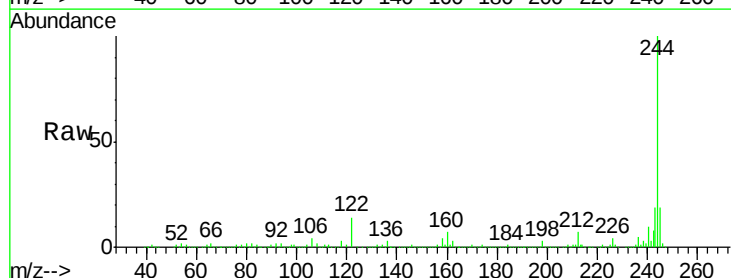
Tgt Ion:244 Resp: 706766

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

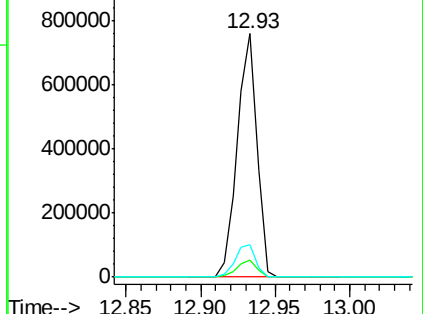
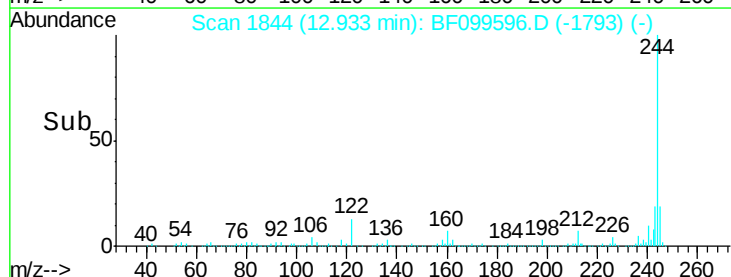
122 13.5 11.0 16.4

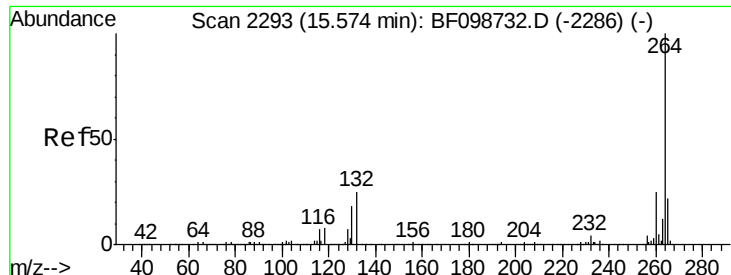


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

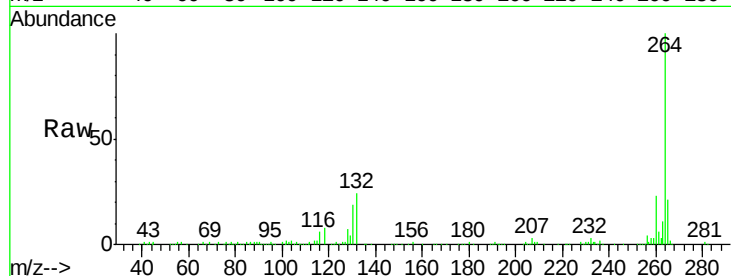




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF099596.D
 Acq: 17 Oct 2017 22:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3



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

