

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099151.D
 Acq On : 6 Oct 2017 17:00
 Operator : SJ/JU
 Sample : PB102939TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:55:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

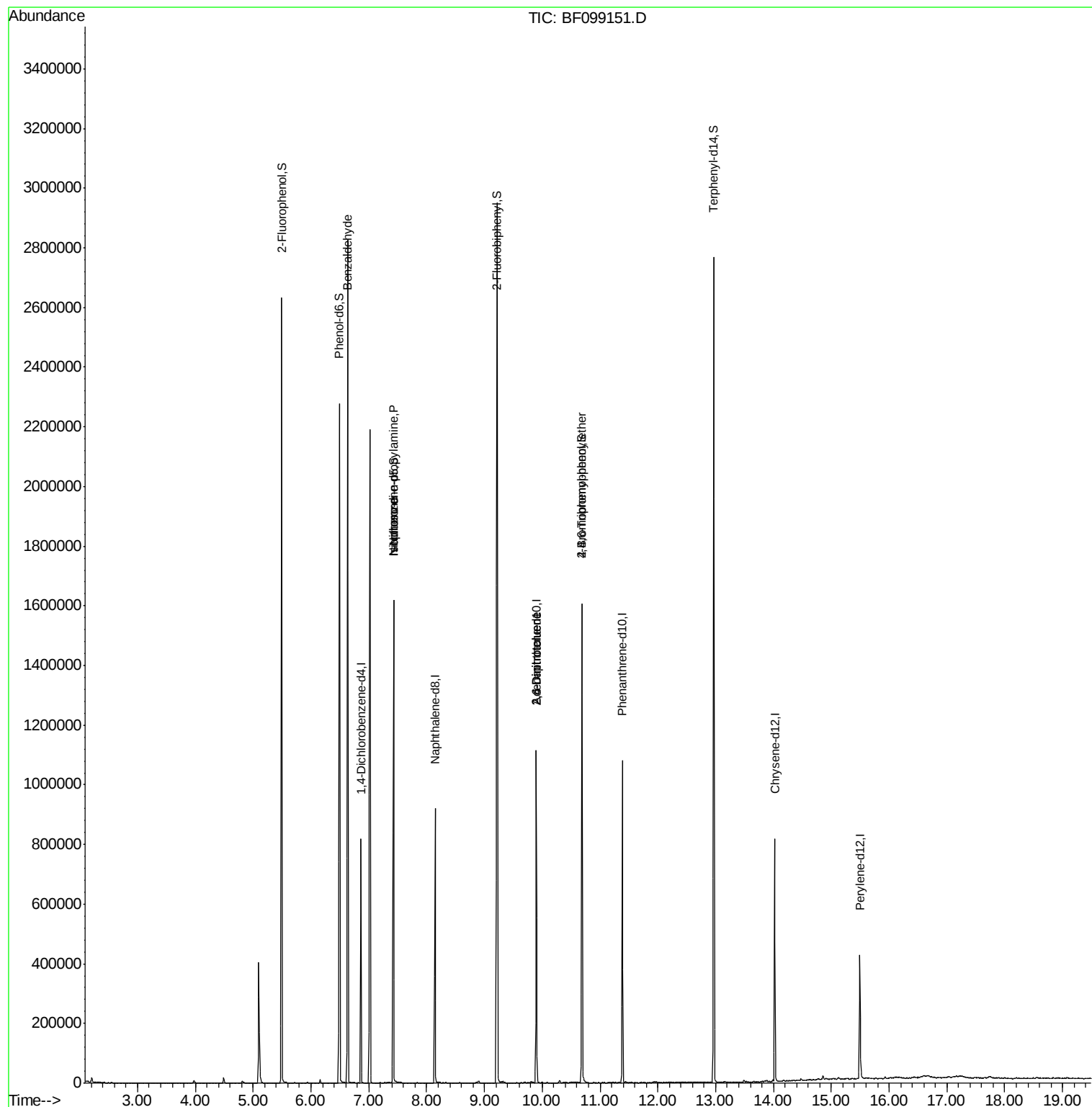
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112045	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	462067	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	210259	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	368107	20.00	ng	0.00
75) Chrysene-d12	14.02	240	245459	20.00	ng	-0.01
86) Perylene-d12	15.49	264	187469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	803092	114.10	ng	0.01
7) Phenol-d6	6.49	99	956036	110.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	578465	80.28	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	196010	113.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1081602	85.88	ng	-0.01
78) Terphenyl-d14	12.97	244	905308	83.88	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	16023	3.18	ng	89
19) n-Nitroso-di-n-propylamine	7.43	70	74238	13.39	ng	# 73
25) Isophorone	7.43	82	578275	38.82	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	26080	7.55	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	26080	5.82	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	13739	3.81	ng	# 1

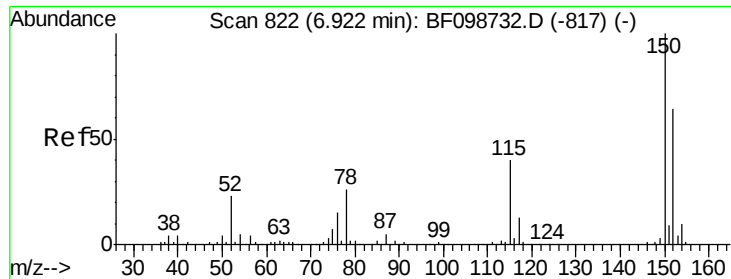
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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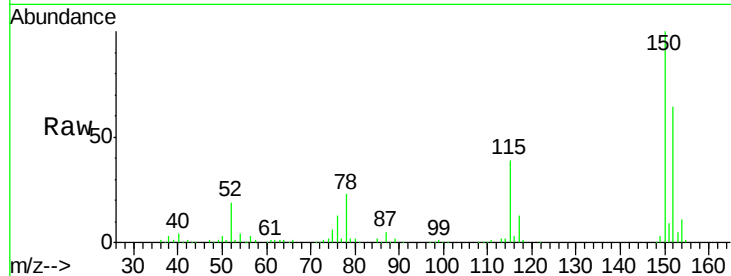


#1

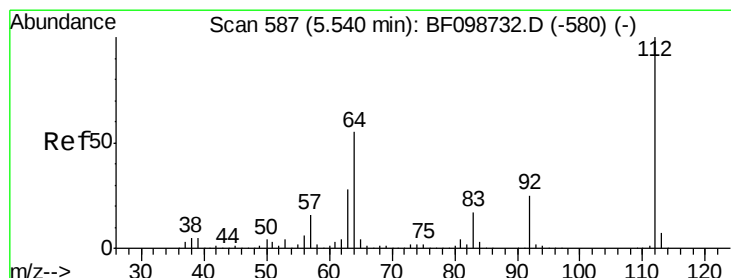
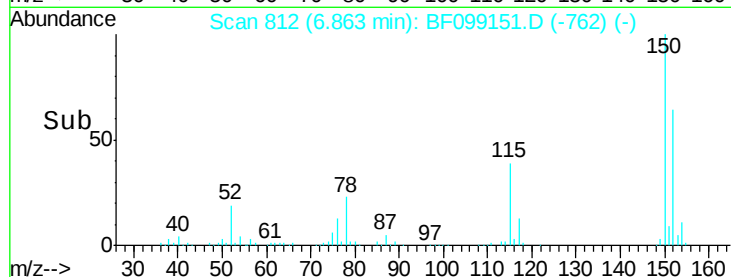
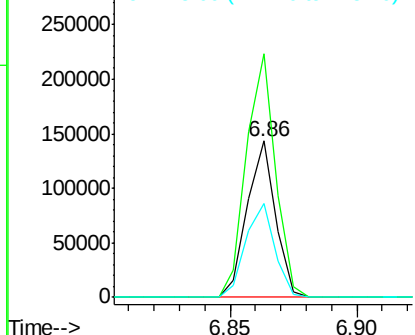
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112045
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.1 50.1 75.1



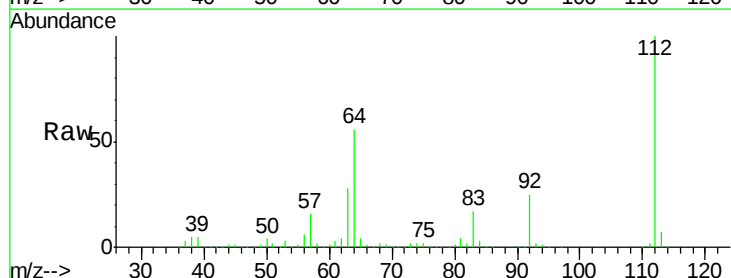
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



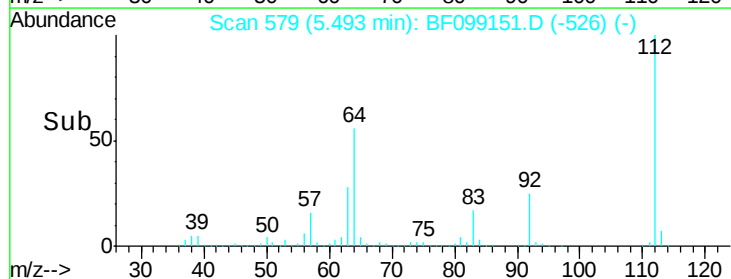
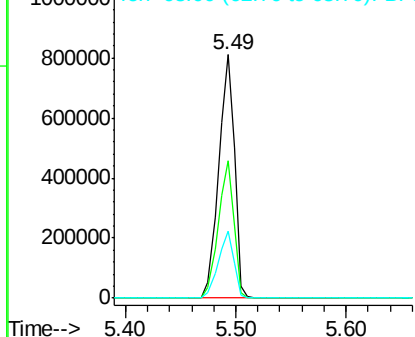
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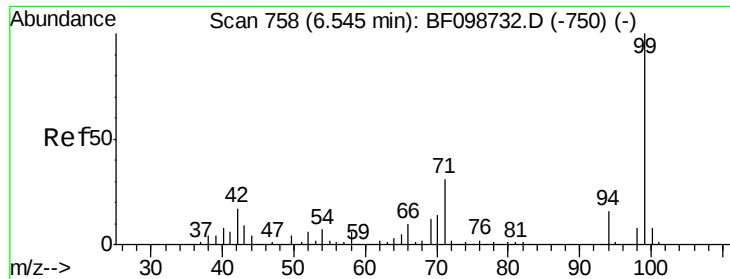
2-Fluorophenol
Concen: 114.10 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Tgt Ion:112 Resp: 803092
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.6 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: 110.11 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Instrument :

BNA_F

ClientSampled :

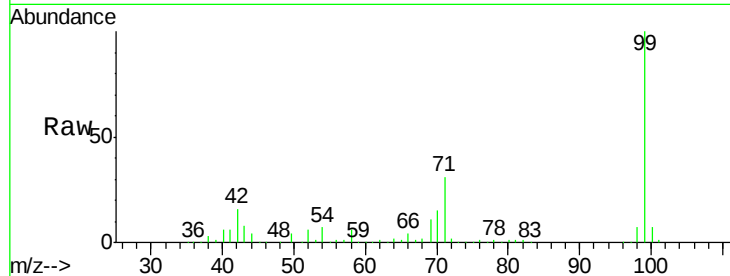
Tot Ion: 99 Resp: 956036

Ion Ratio Lower Upper

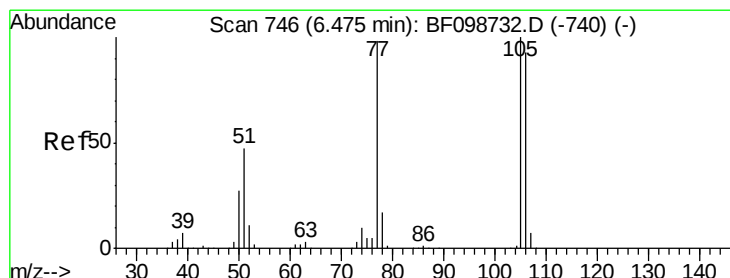
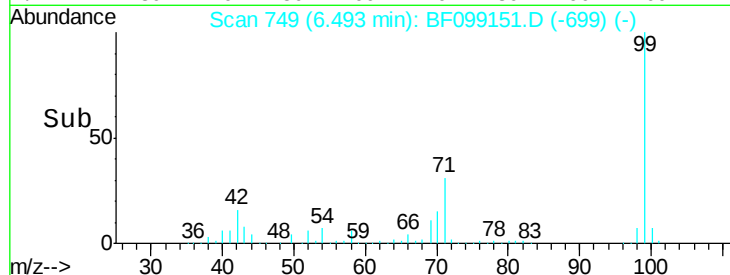
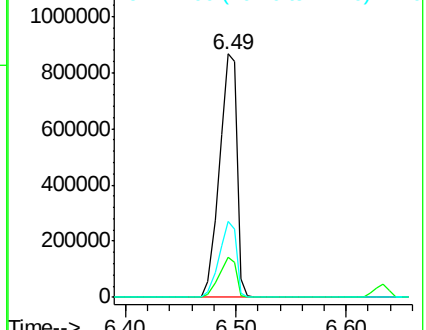
99 100

42 16.2 14.5 21.7

71 31.0 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: 3.18 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

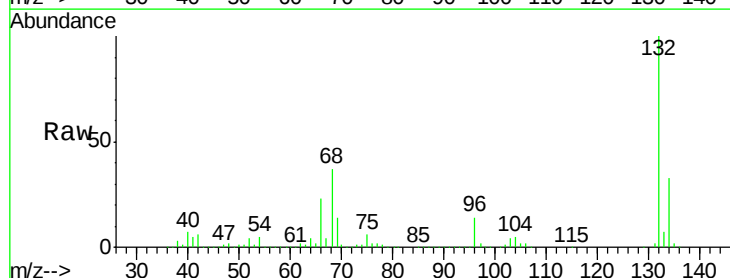
Tgt Ion: 77 Resp: 16023

Ion Ratio Lower Upper

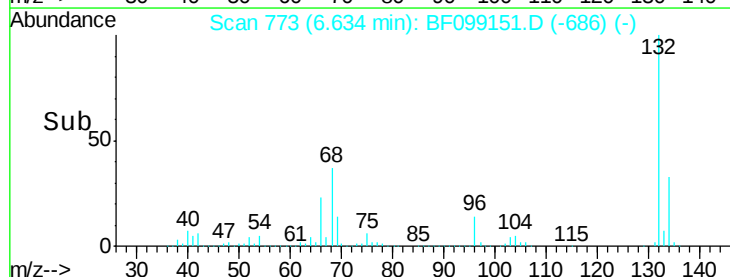
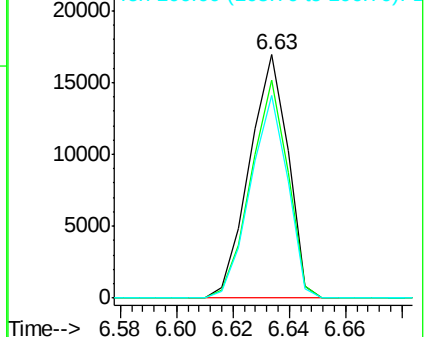
77 100

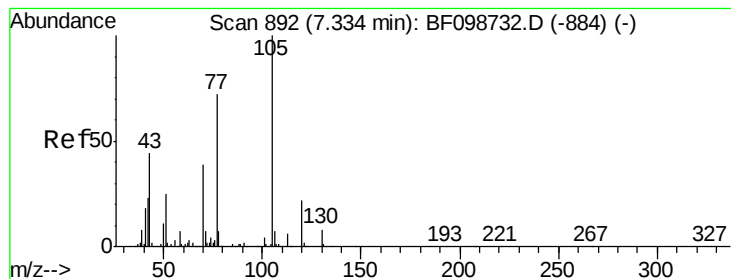
105 89.8 81.1 121.1

106 83.4 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: 13.39 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 74238

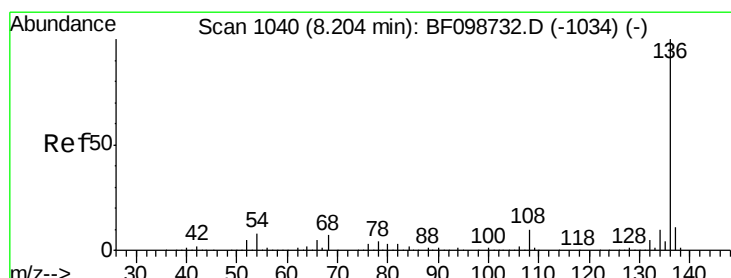
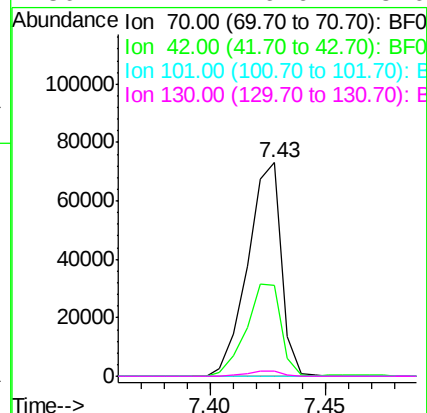
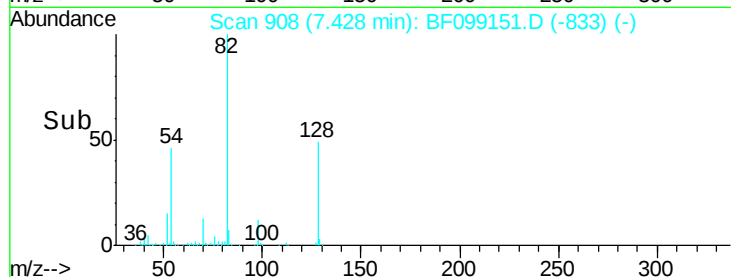
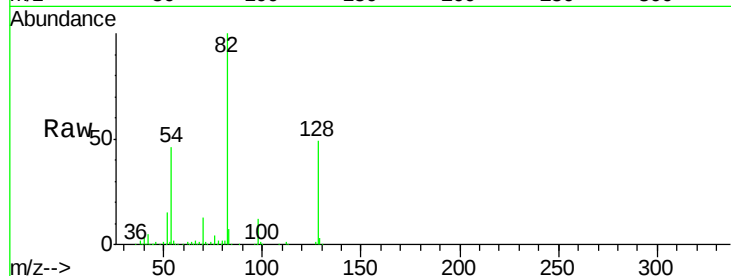
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Tgt Ion: 136 Resp: 462067

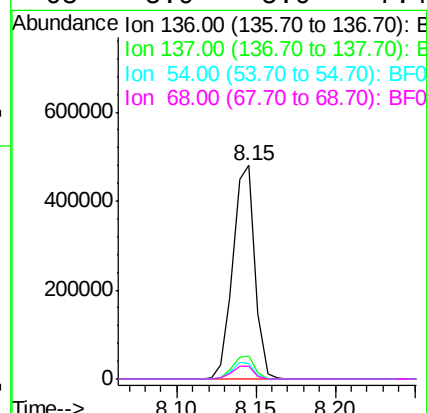
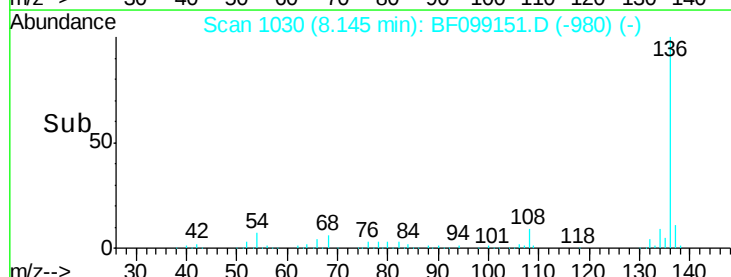
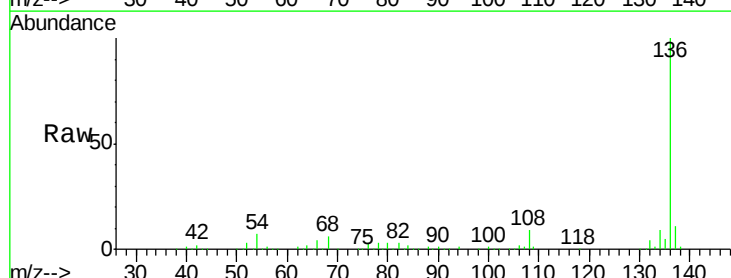
Ion Ratio Lower Upper

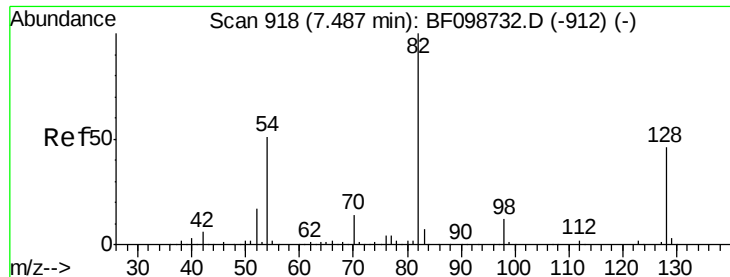
136 100

137 10.6 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

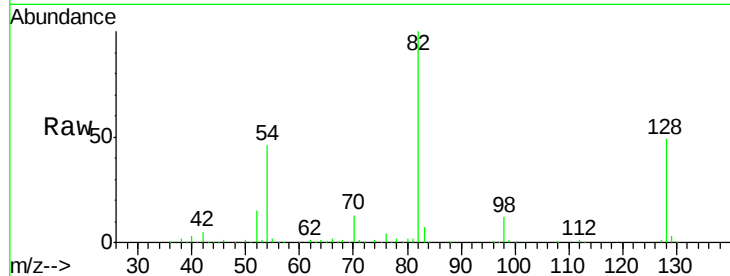




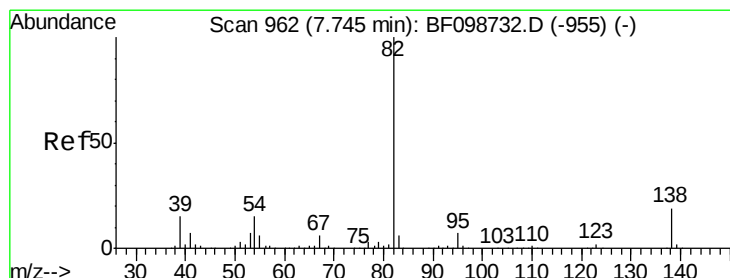
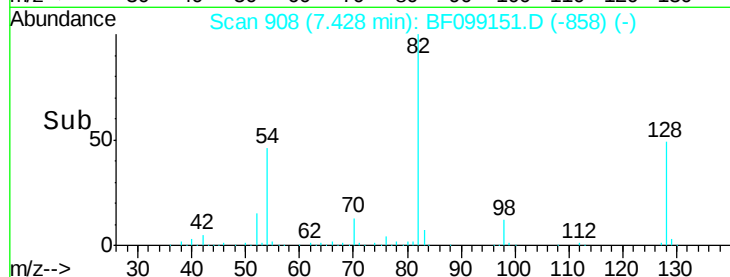
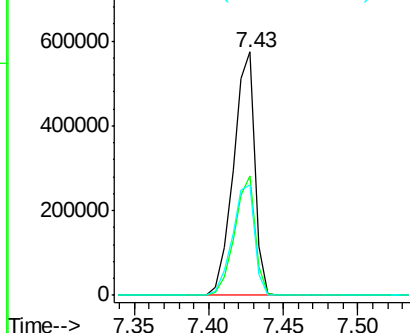
#23
Nitrobenzene-d5
Concen: 80.28 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	578465
Ion Ratio	Lower	Upper	
82	100		
128	49.1	36.1	54.1
54	45.6	41.4	62.2

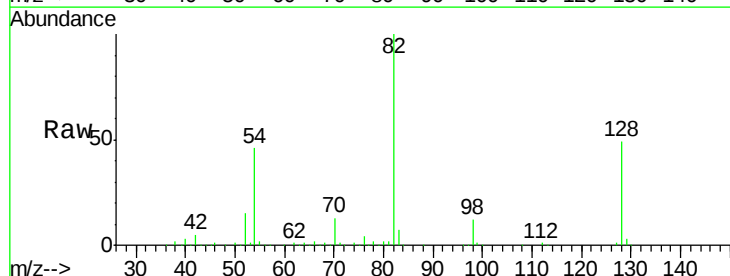


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

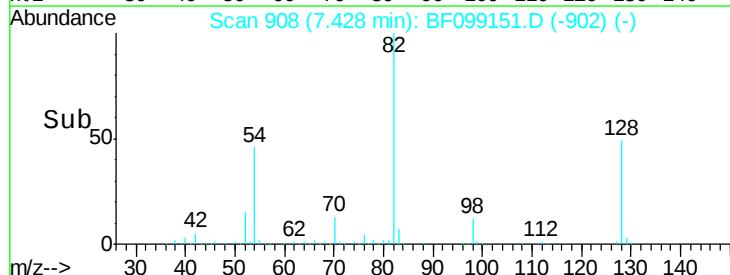
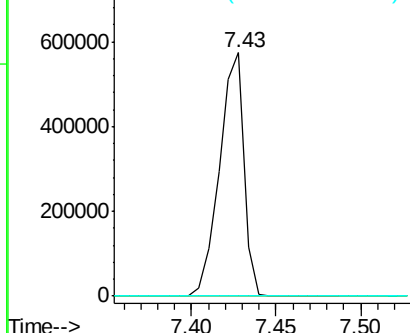


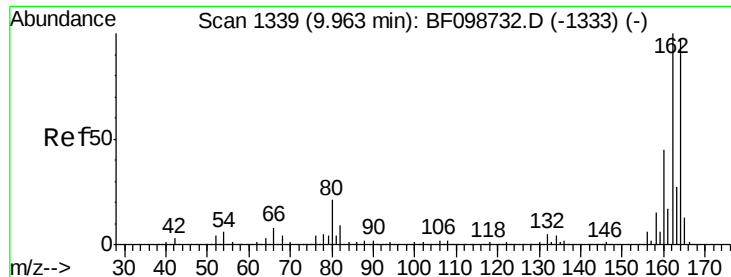
#25
Isophorone
Concen: 38.82 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Tgt Ion	82	Resp	578275
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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

Instrument :

BNA_F

ClientSampleId :

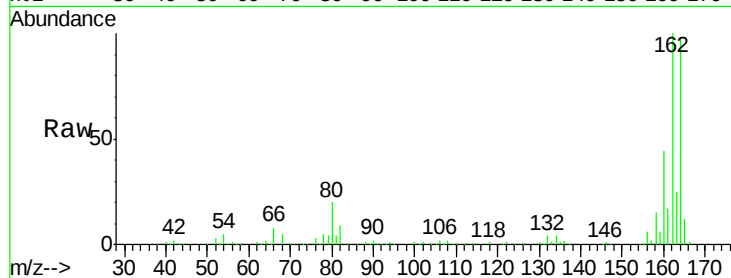
Tot Ion:164 Resp: 210259

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

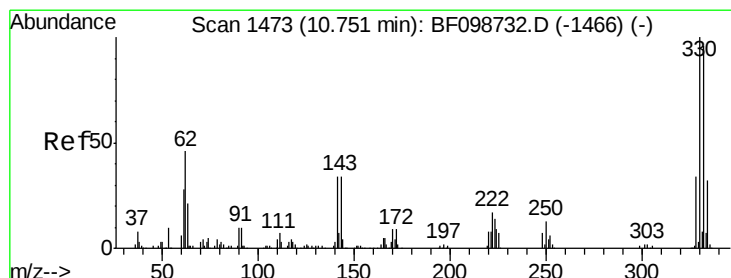
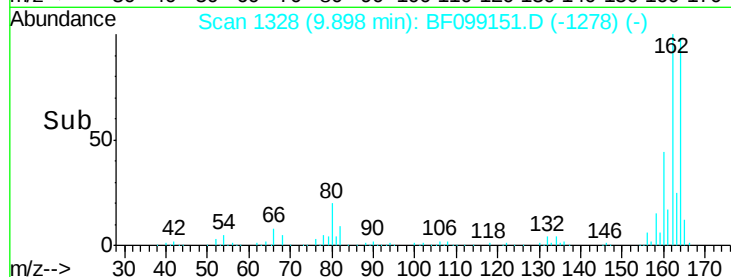
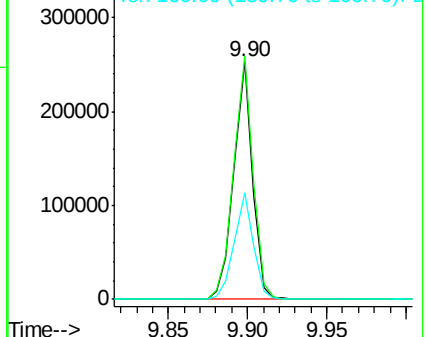
160 45.0 38.3 57.5



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: 113.93 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099151.D

Acq: 6 Oct 2017 17:00

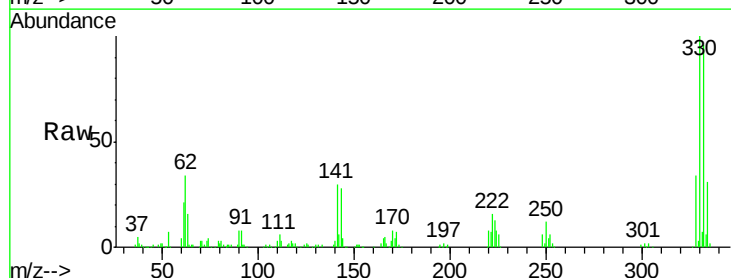
Tgt Ion:330 Resp: 196010

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

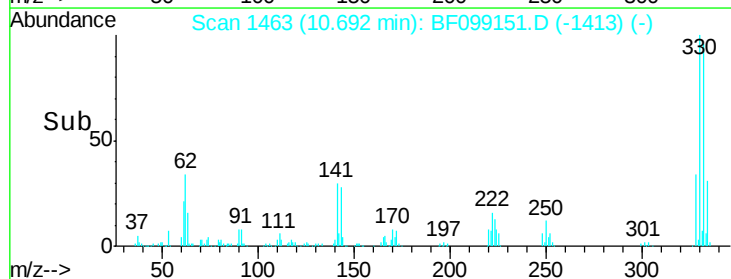
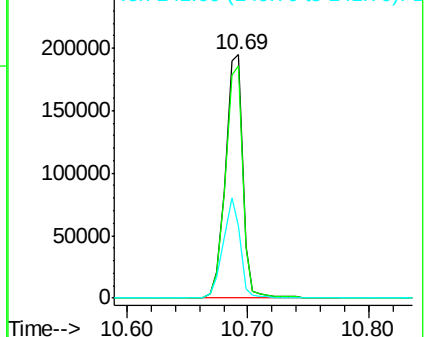
141 40.0 29.9 44.9

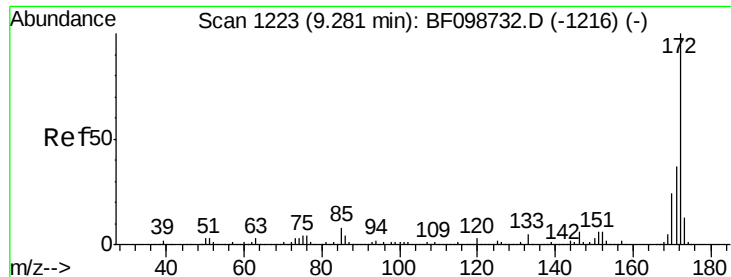


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



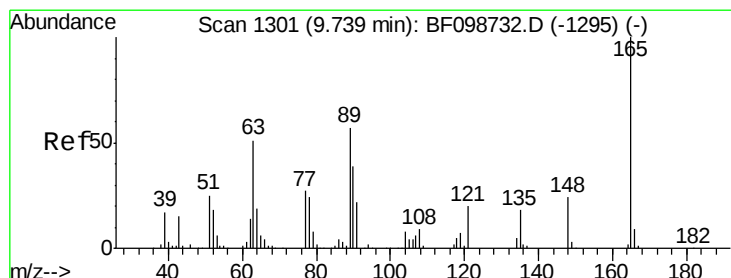
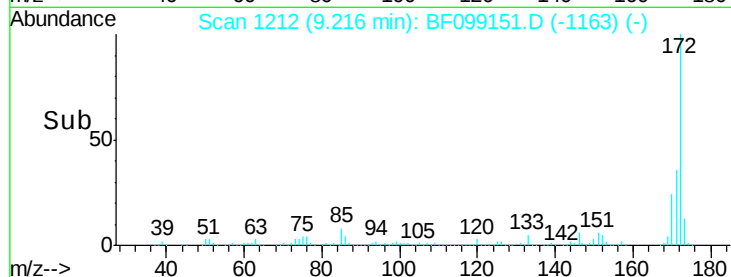
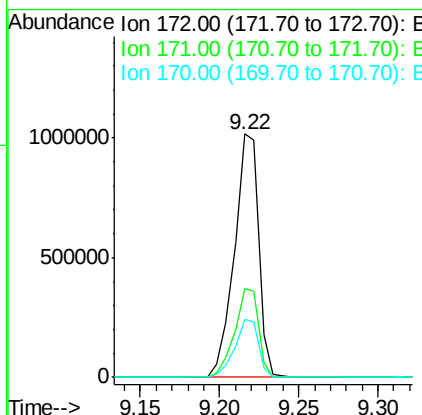
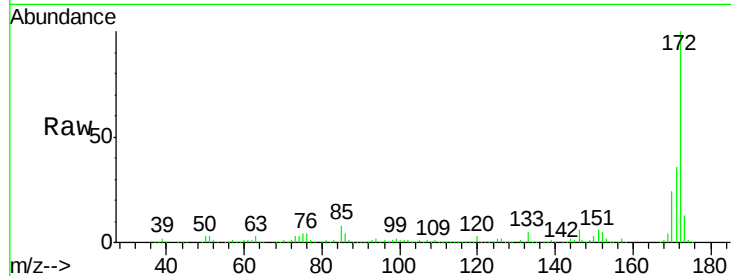


#44
 2-Fluorobiphenyl
 Concen: 85.88 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1081602

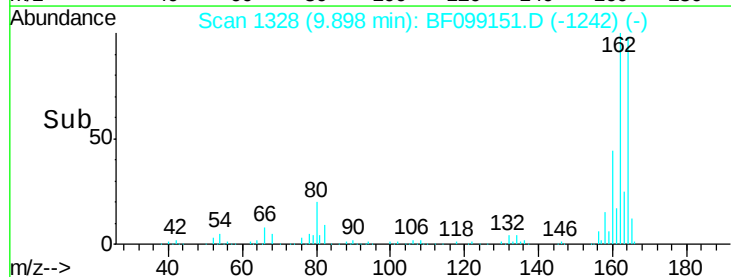
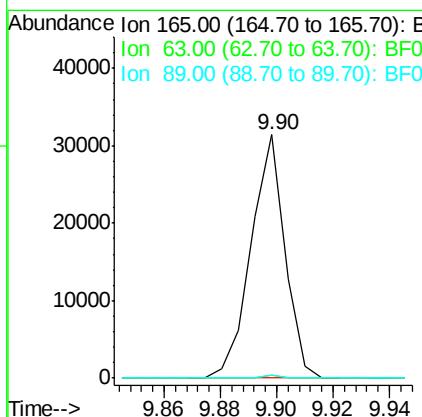
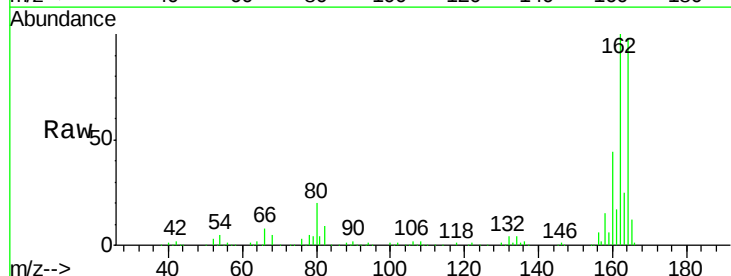
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

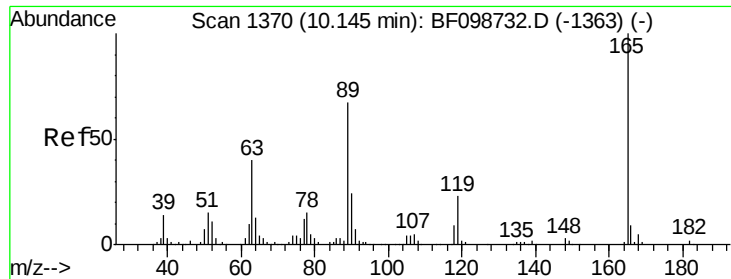


#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Tgt Ion:165 Resp: 26080

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#

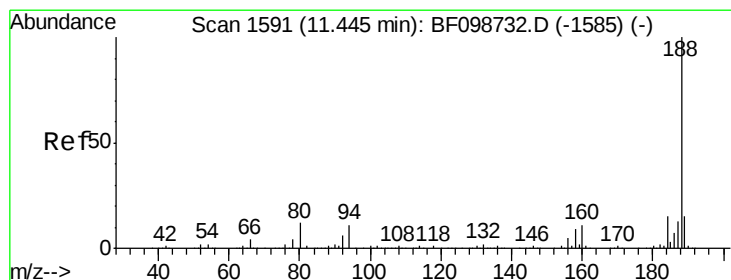
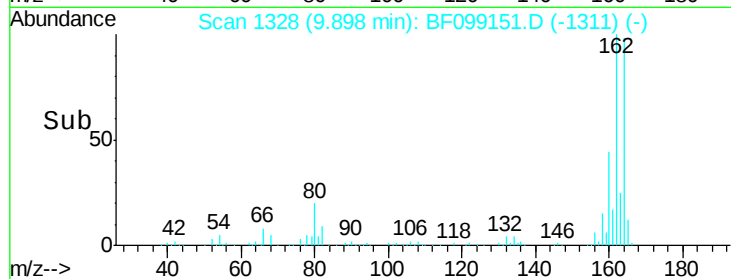
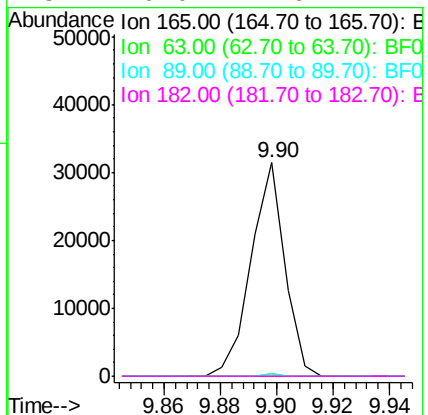
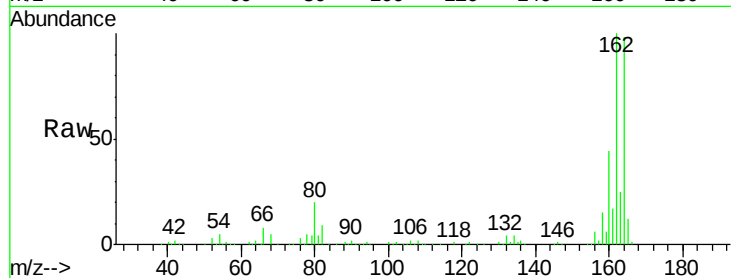




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

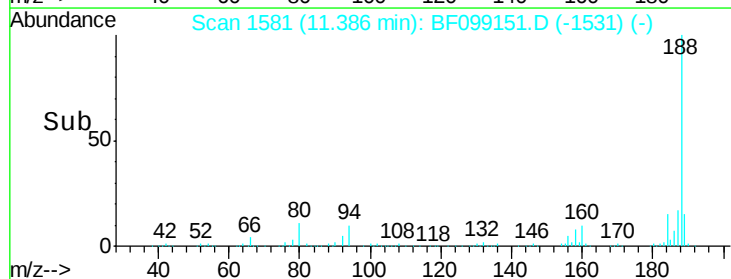
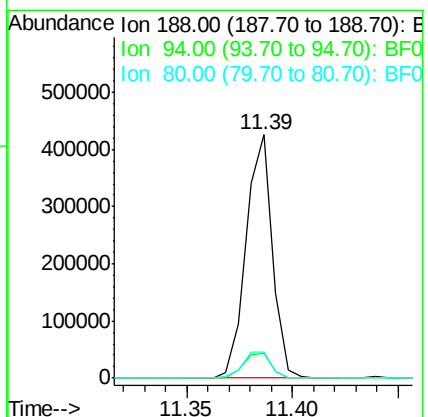
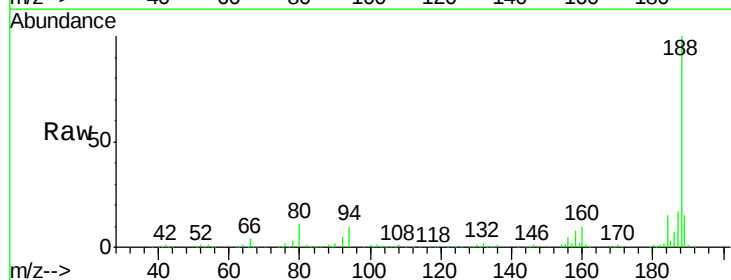
Instrument :
 BNA_F
 ClientSampleID :

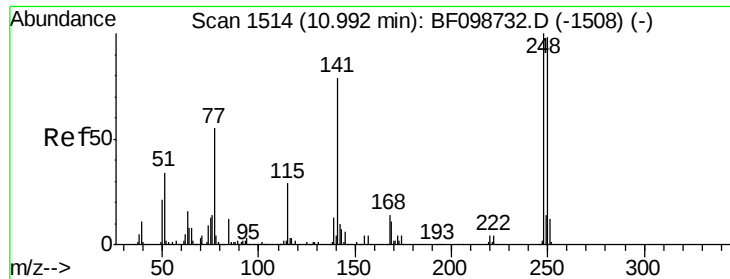
Tot Ion:165	Resp:	26080
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Tgt Ion:188	Resp:	368107
Ion Ratio	Lower	Upper
188	100	
94	10.4	8.5 12.7
80	10.6	9.2 13.8

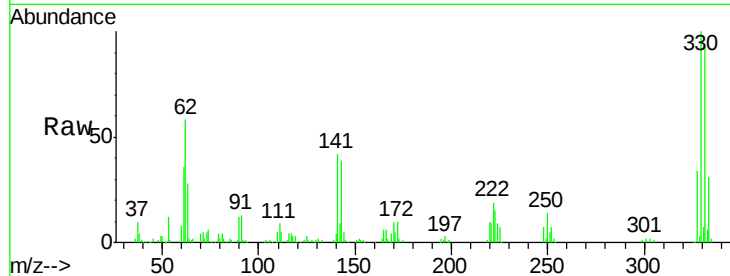




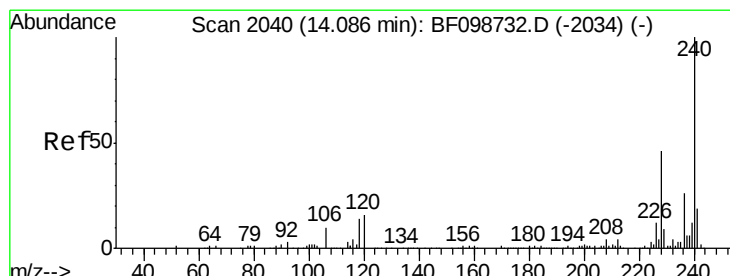
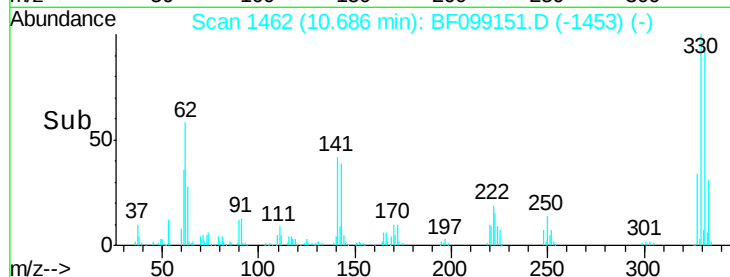
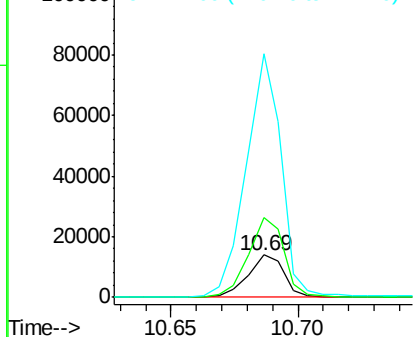
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13739
Ion Ratio Lower Upper
248 100
250 188.1 76.9 115.3#
141 577.6 74.4 111.6#

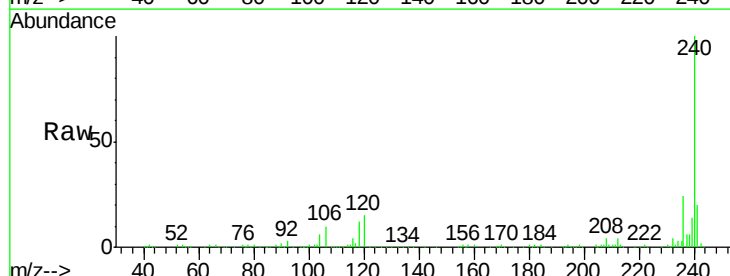


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

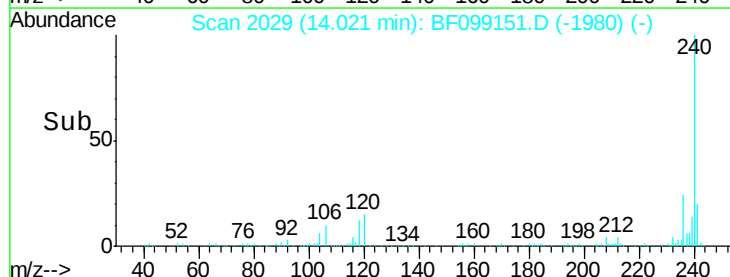
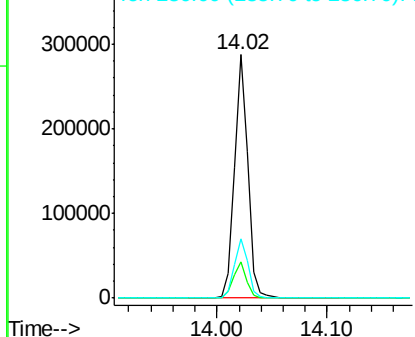


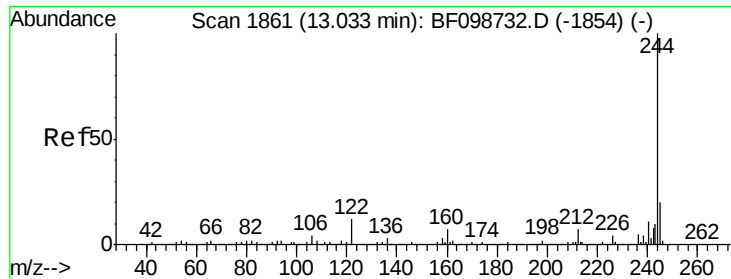
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099151.D
Acq: 6 Oct 2017 17:00

Tgt Ion:240 Resp: 245459
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 24.4 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

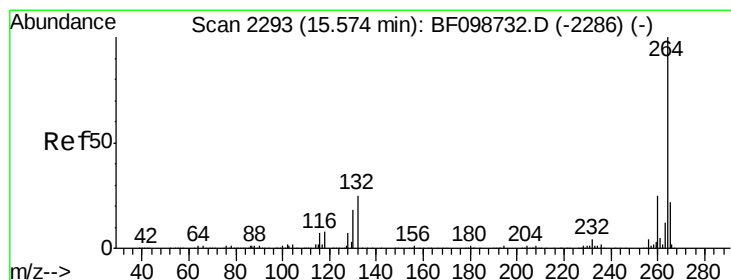
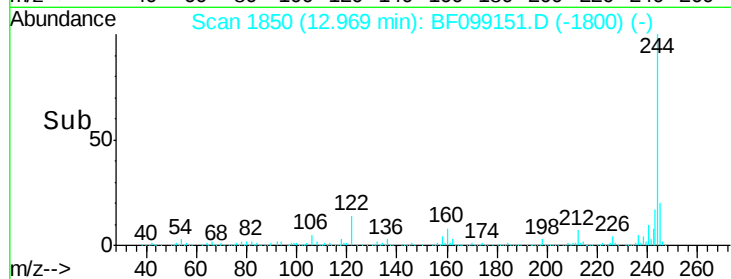
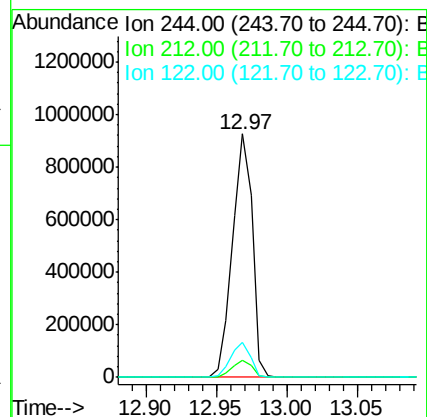
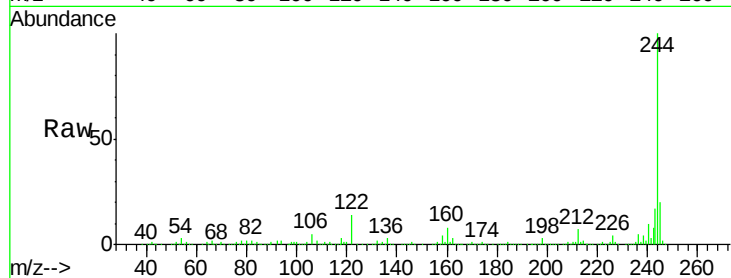




#78
 Terphenyl-d14
 Concen: 83.88 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 905308
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF099151.D
 Acq: 6 Oct 2017 17:00

Tgt Ion:264 Resp: 187469
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.5 26.3

