

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099678.D
 Acq On : 20 Oct 2017 1:06
 Operator : SJ/JU
 Sample : I5972-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:53:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

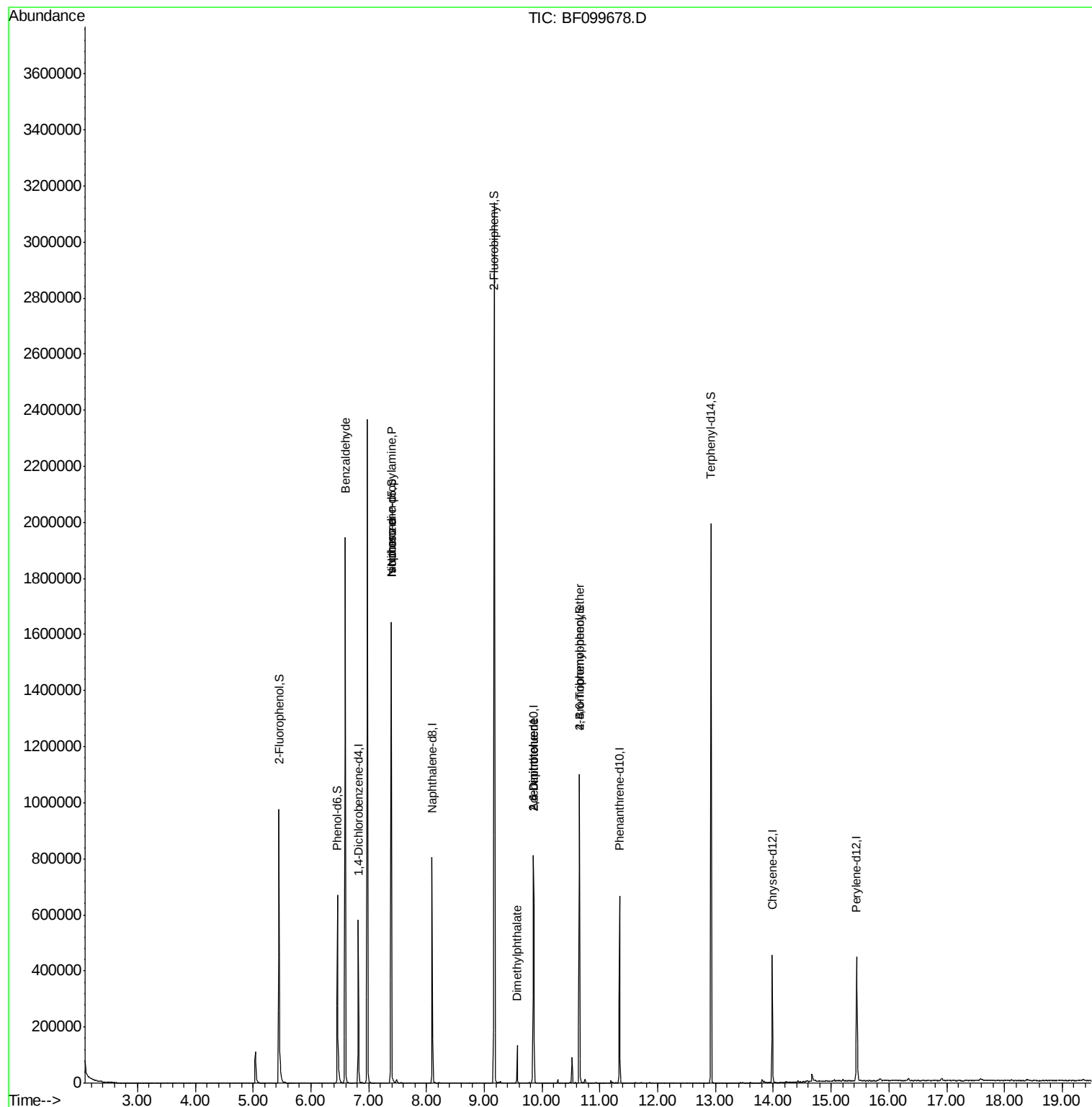
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93023	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	378875	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	154500	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	221882	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	161117	20.00	ng	-0.01
86) Perylene-d12	15.44	264	180109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	322861	55.25	ng	0.00
7) Phenol-d6	6.46	99	244174	33.87	ng	-0.02
23) Nitrobenzene-d5	7.39	82	628269	106.34	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	124594	98.55	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1123354	121.38	ng	-0.01
78) Terphenyl-d14	12.92	244	690085	97.41	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	10045	2.402	ng	85
19) n-Nitroso-di-n-propylamine	7.39	70	78987	17.162	ng	# 71
25) Isophorone	7.39	82	628263	51.435	ng	# 64
49) Dimethylphthalate	9.57	163	53734	4.608	ng	99
50) 2,6-Dinitrotoluene	9.85	165	19378	7.633	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	19378	5.882	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	8377	3.857	ng	# 1

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

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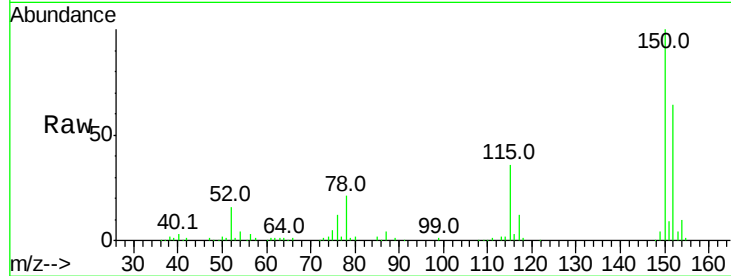


#1

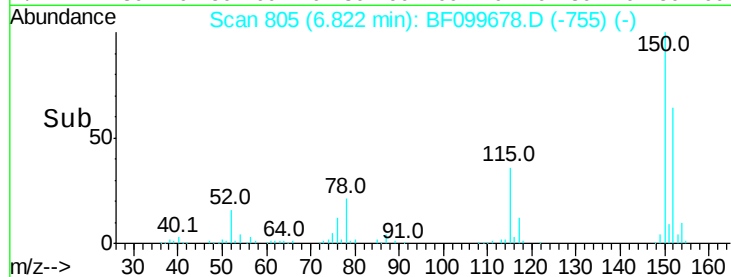
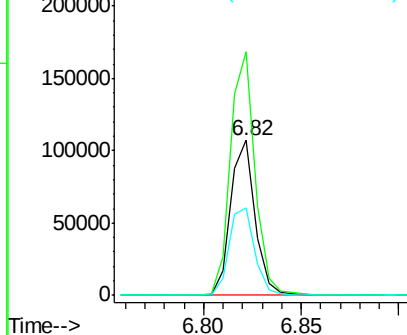
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93023
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 56.8 50.1 75.1



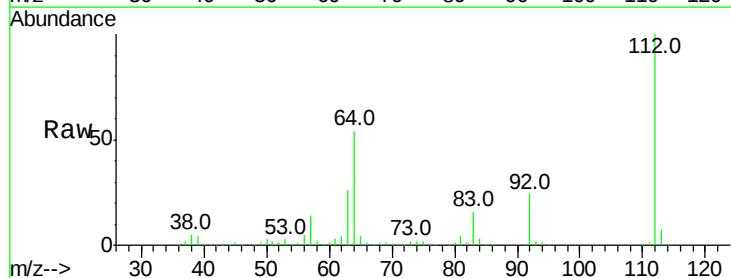
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



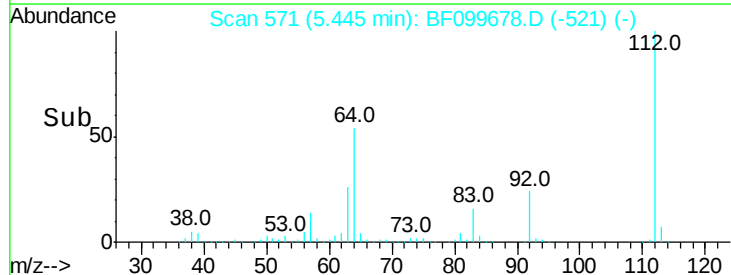
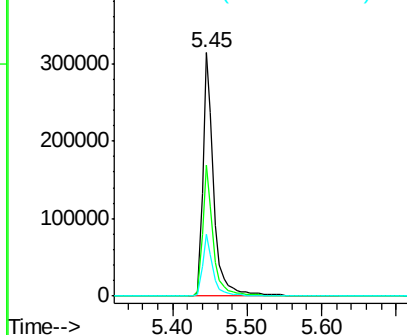
#5

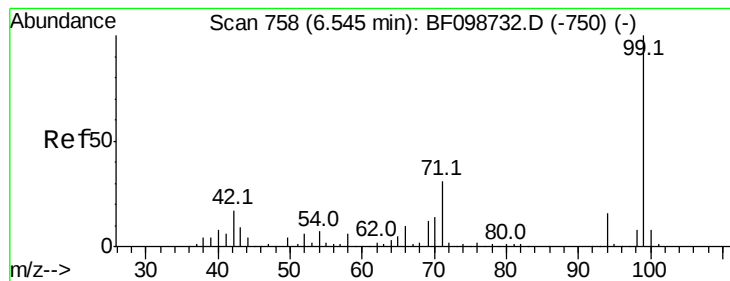
2-Fluorophenol
 Concen: 55.251 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Tgt Ion:112 Resp: 322861
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 25.6 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: 33.872 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099678.D

Acq: 20 Oct 2017 1:06

Instrument :

BNA_F

ClientSampleId :

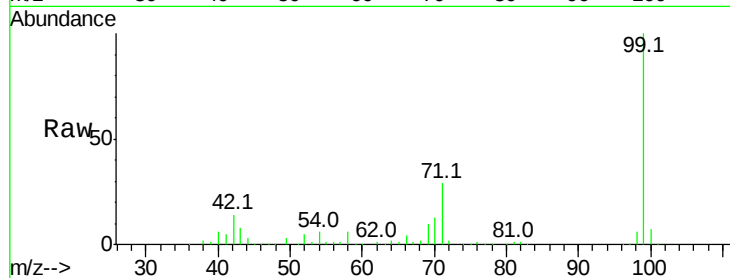
Tot Ion: 99 Resp: 244174

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

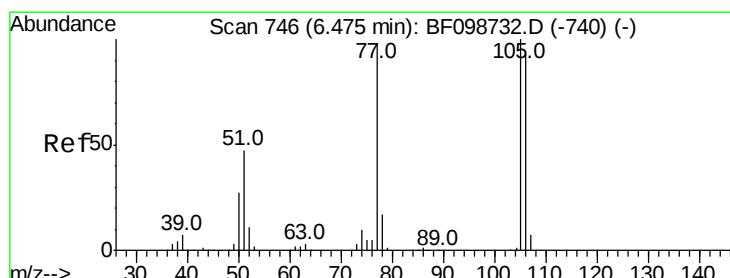
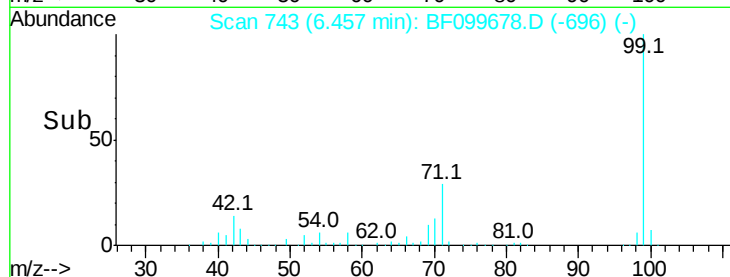
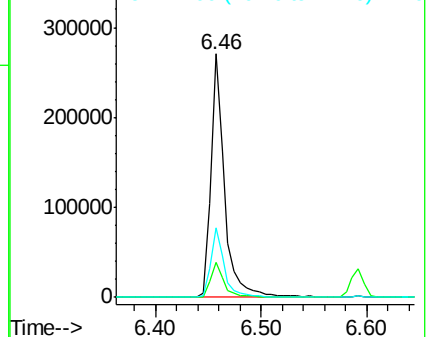
71 28.6 25.4 38.0



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: 2.402 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF099678.D

Acq: 20 Oct 2017 1:06

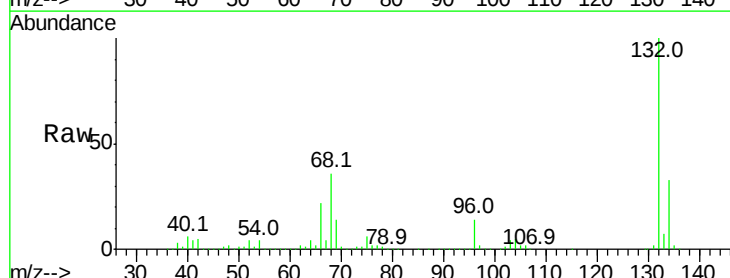
Tgt Ion: 77 Resp: 10045

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

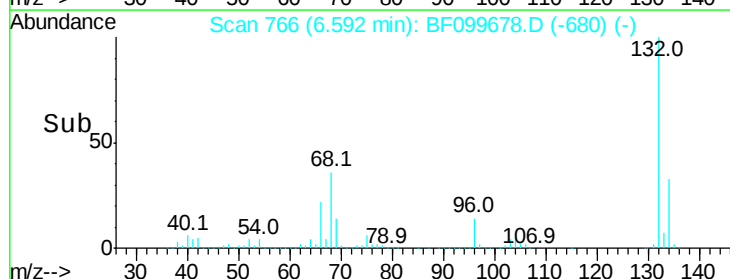
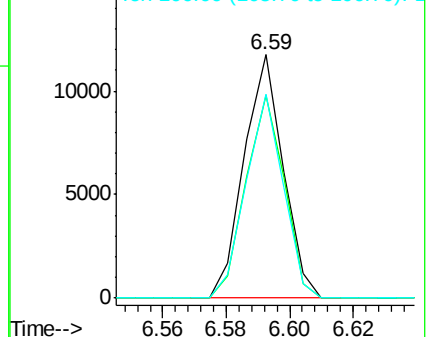
106 83.9 74.5 114.5

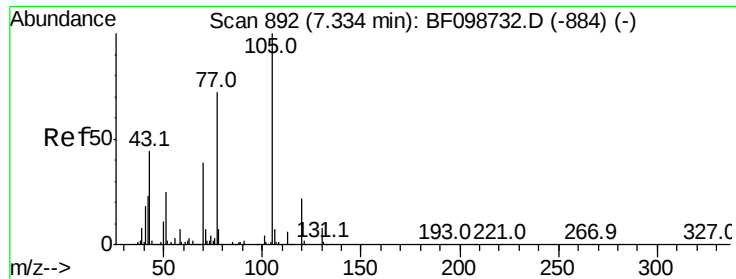


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 17.162 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099678.D

Acq: 20 Oct 2017 1:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 78987

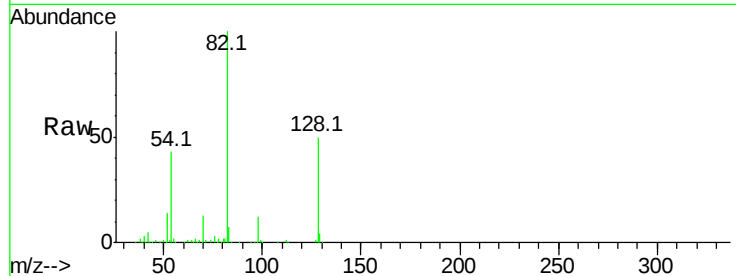
Ion Ratio Lower Upper

70 100

42 39.7 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

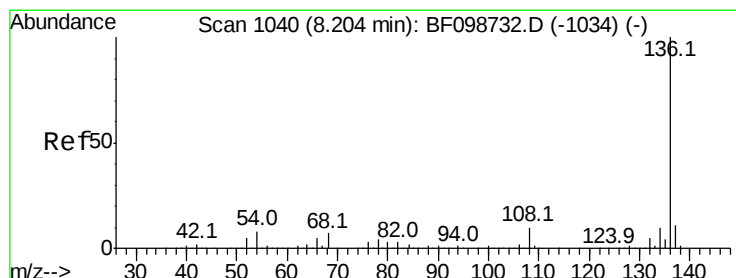
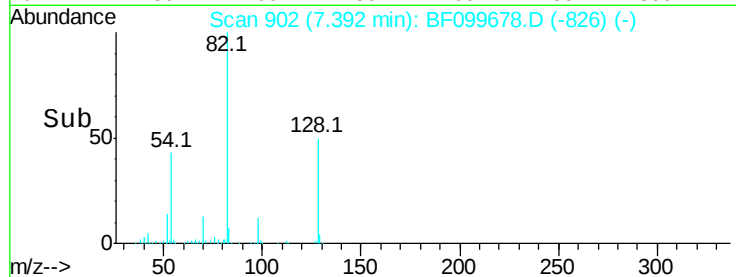
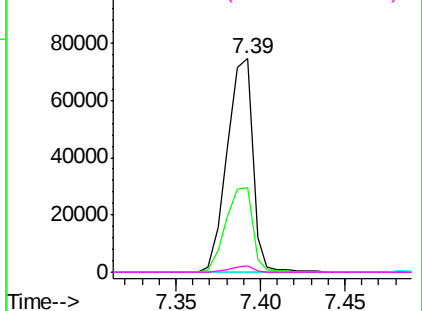


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099678.D

Acq: 20 Oct 2017 1:06

Tgt Ion:136 Resp: 378875

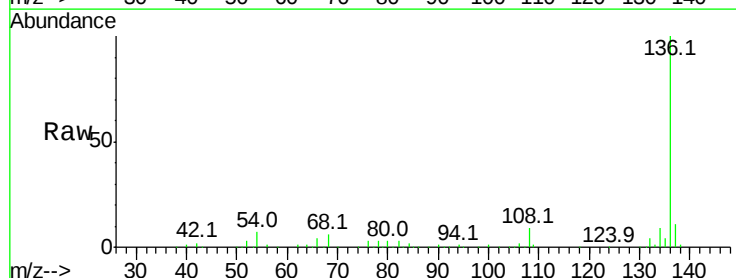
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

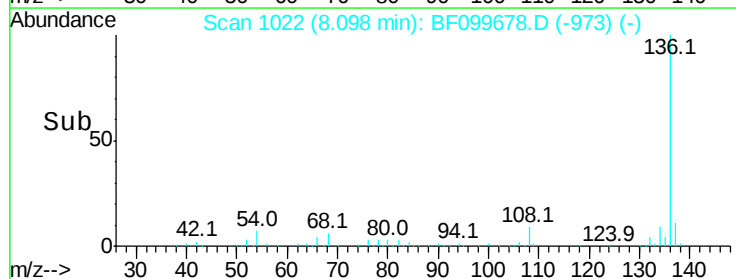
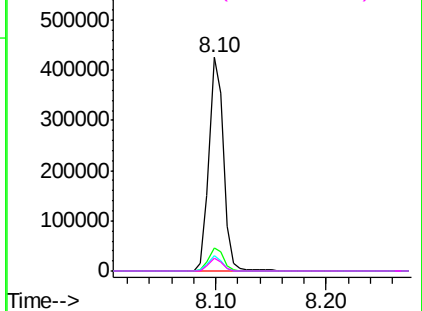


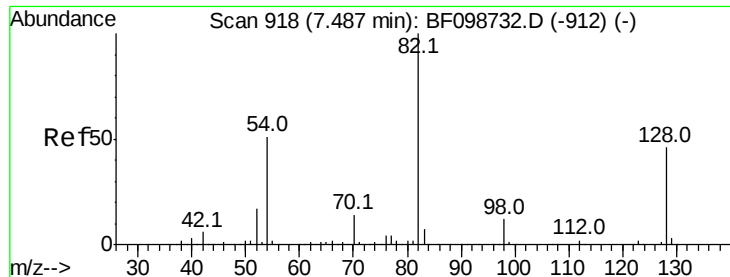
Abundance Ion 136.00 (135.70 to 136.70): E

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

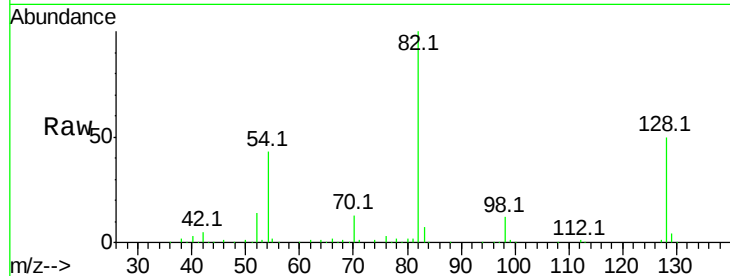




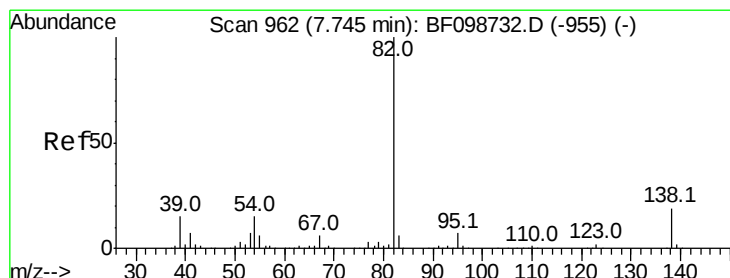
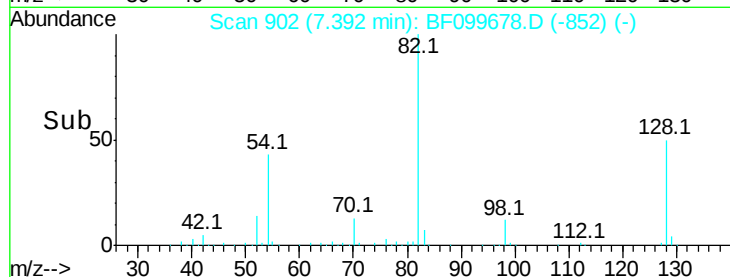
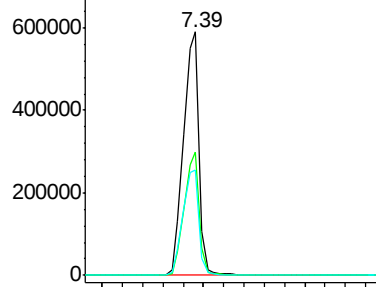
#23
 Nitrobenzene-d5
 Concen: 106.344 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	628269
Ion Ratio	Lower	Upper	
82	100		
128	50.5	36.1	54.1
54	43.3	41.4	62.2

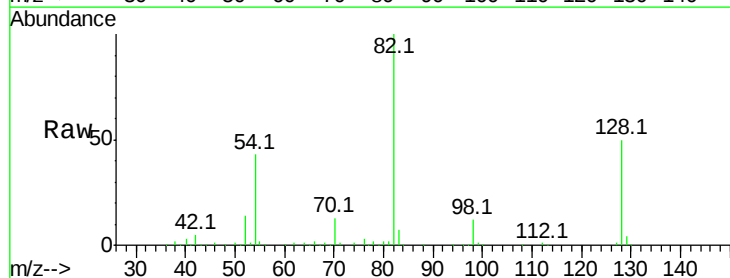


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

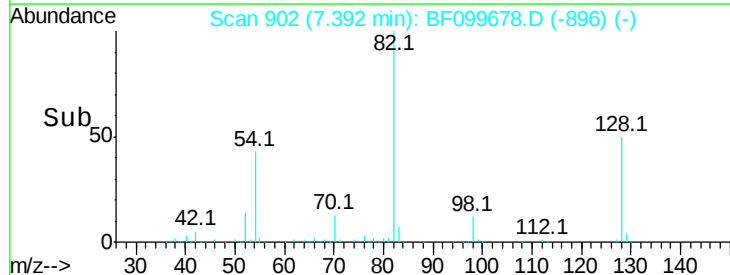
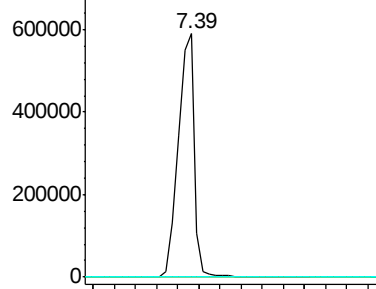


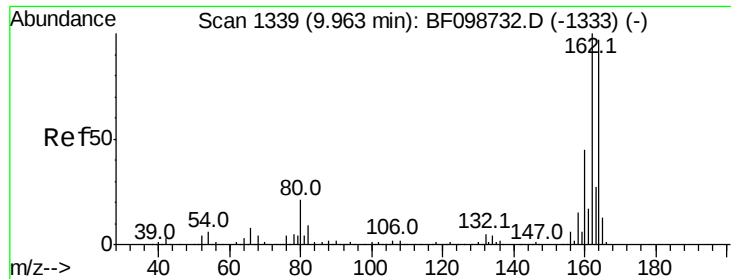
#25
 Isophorone
 Concen: 51.435 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.26 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Tgt Ion	82	Resp	628263
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

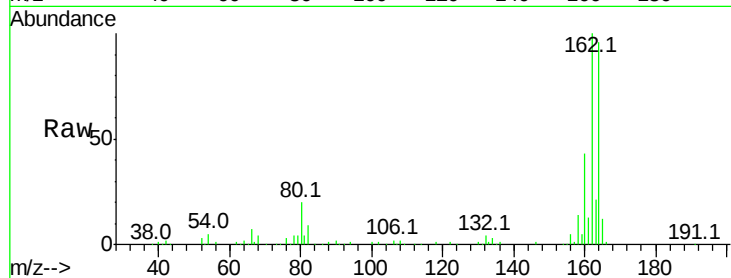




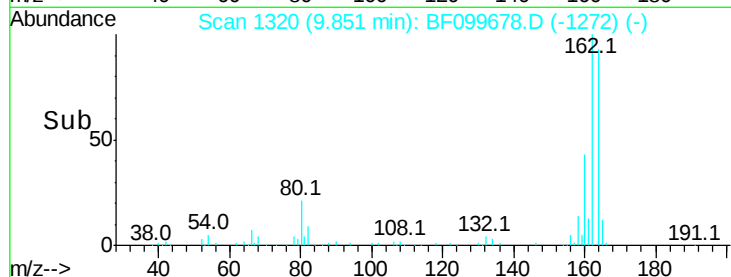
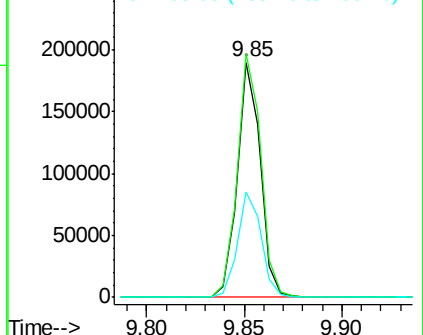
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	44.7	38.3	57.5

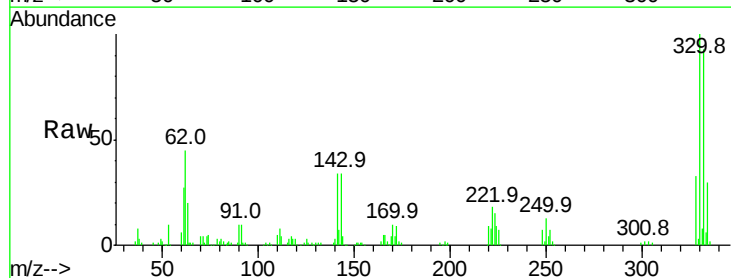


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

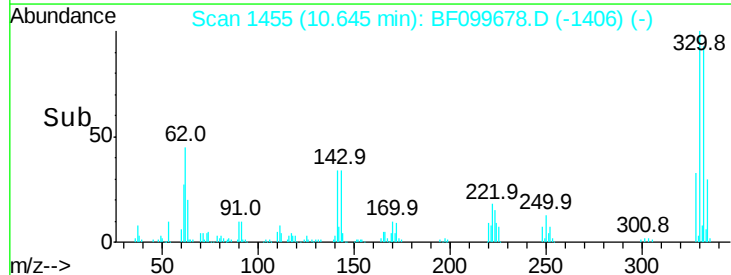
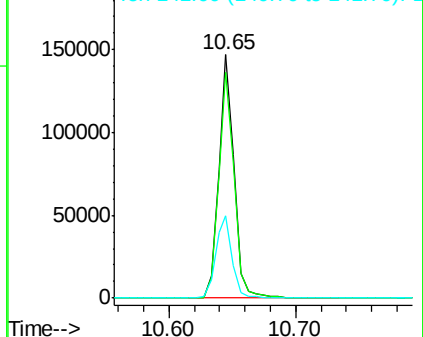


#41
 2,4,6-Tribromophenol
 Concen: 98.553 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	36.2	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



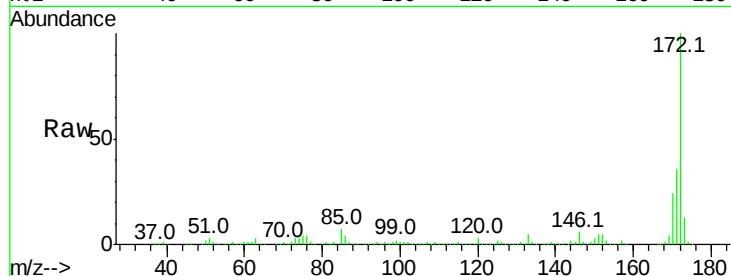


#44
 2-Fluorobiphenyl
 Concen: 121.382 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

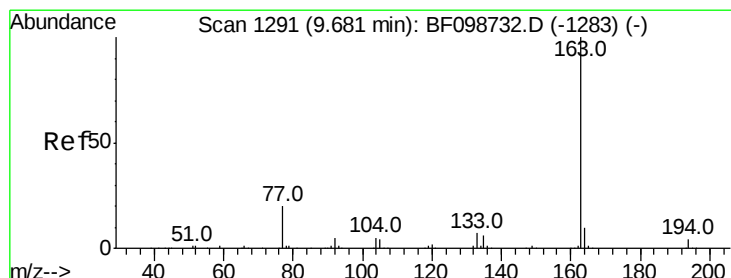
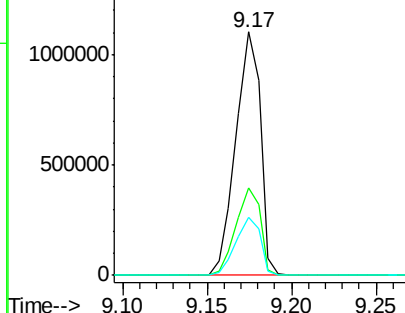
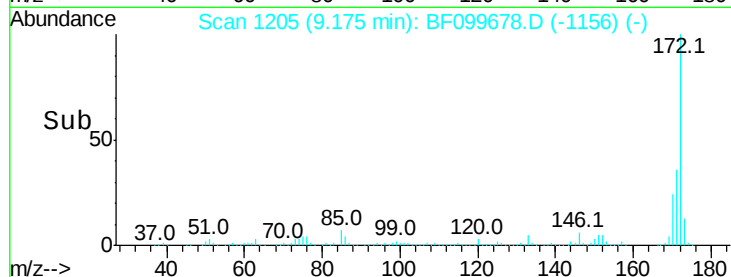
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1123354

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



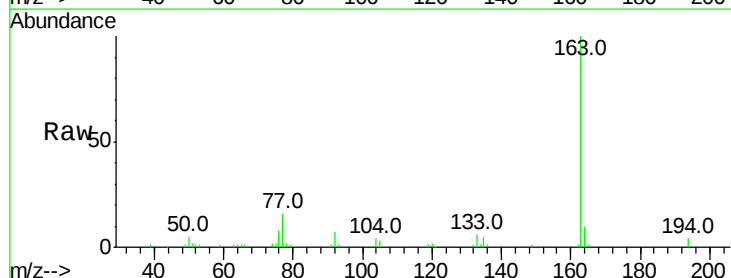
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



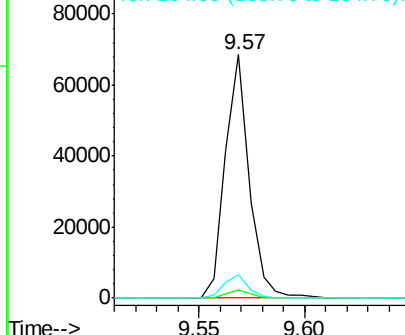
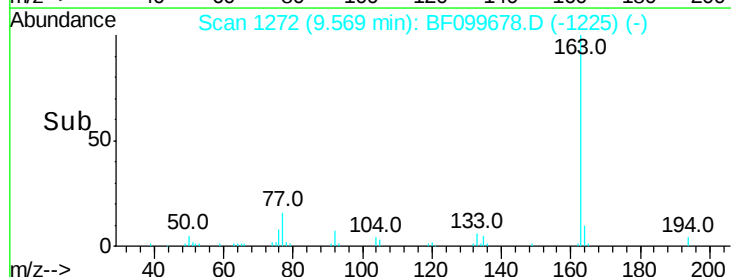
#49
 Dimethylphthalate
 Concen: 4.608 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

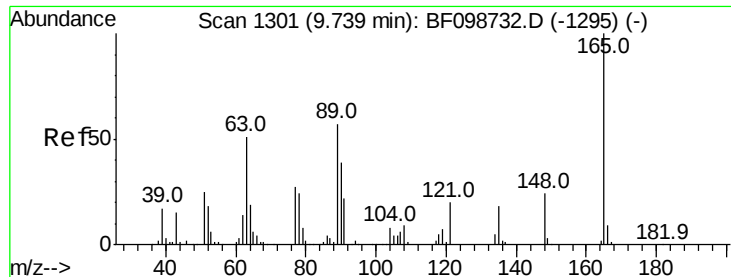
Tgt Ion:163 Resp: 53734

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	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

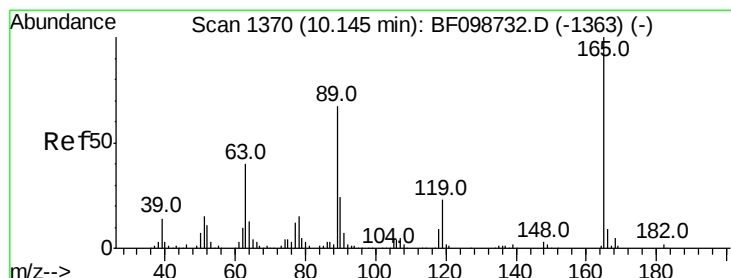
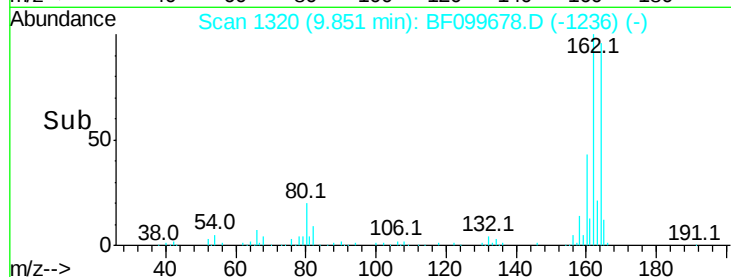
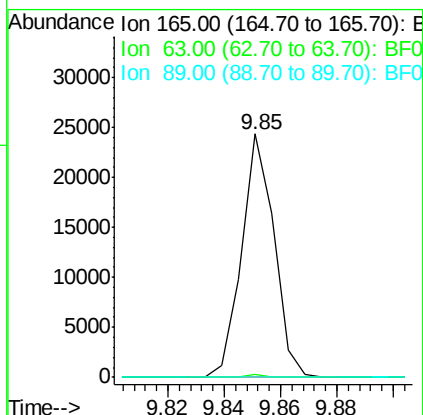
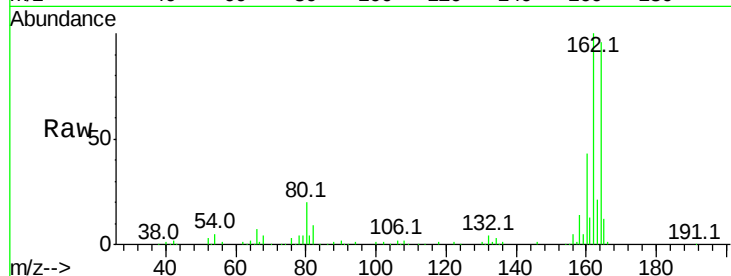




#50
 2,6-Dinitrotoluene
 Concen: 7.633 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.19 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

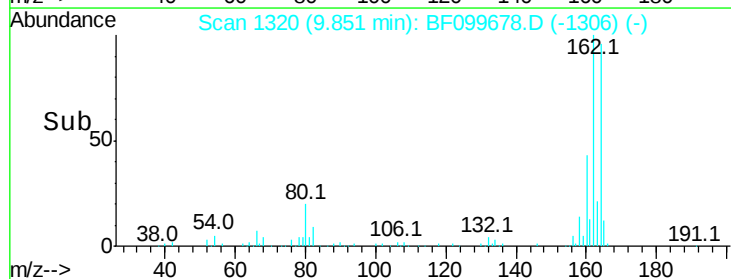
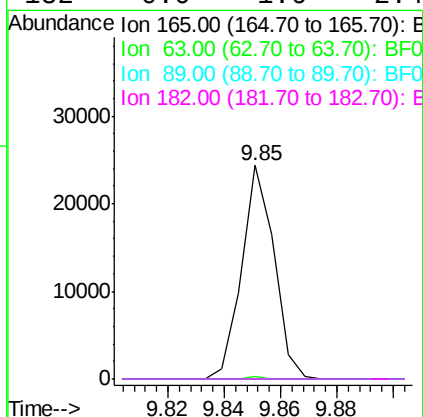
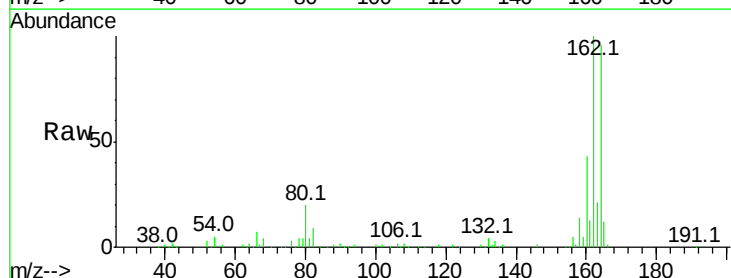
Instrument :
 BNA_F
 ClientSampleId :

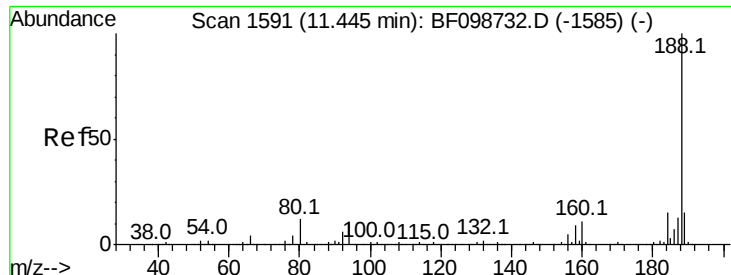
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.882 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

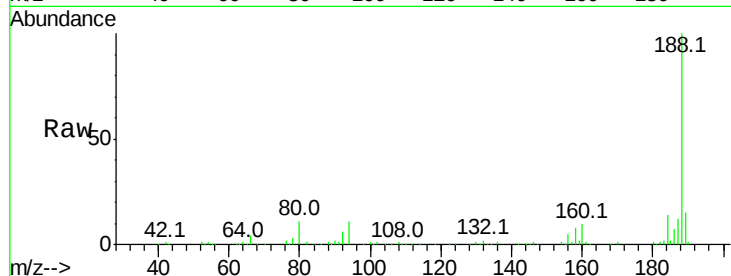




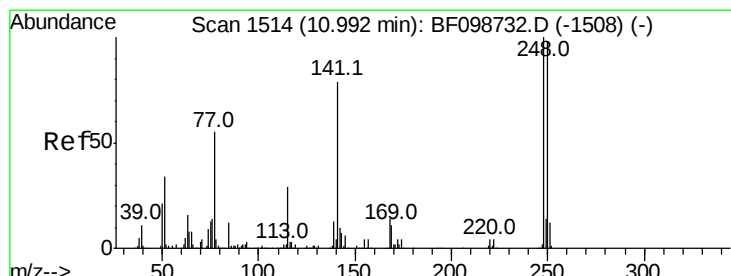
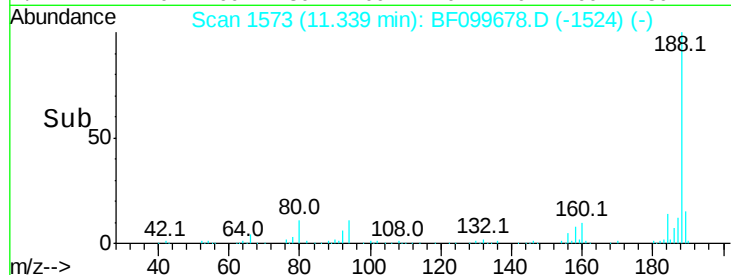
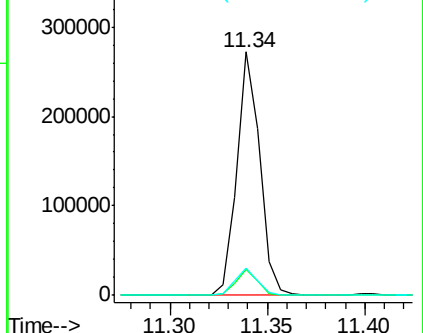
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 221882
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.4 9.2 13.8

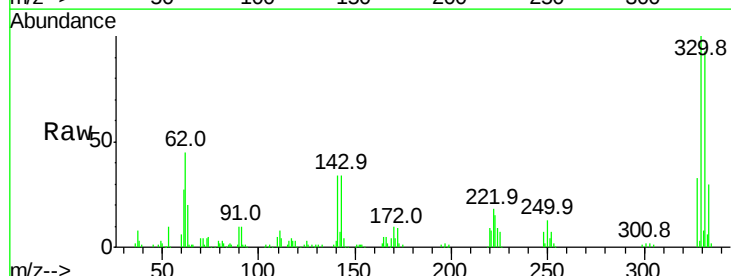


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

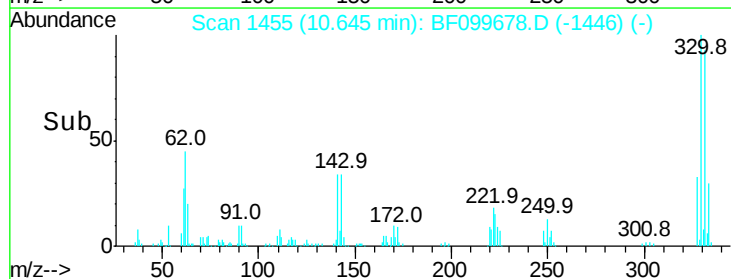
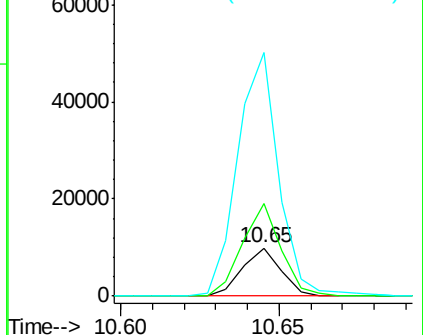


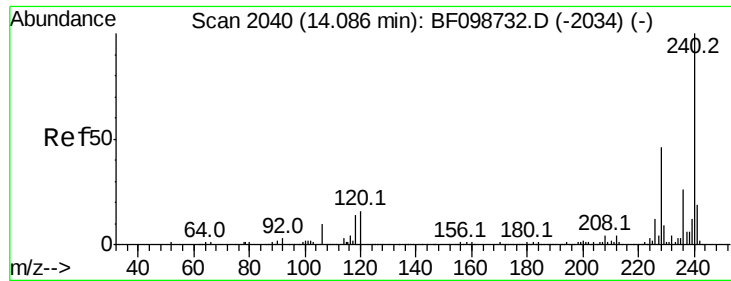
#66
 4-Bromophenyl-phenylether
 Concen: 3.857 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Tgt Ion:248 Resp: 8377
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 503.4 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: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099678.D

Acq: 20 Oct 2017 1:06

Instrument :

BNA_F

ClientSampleId :

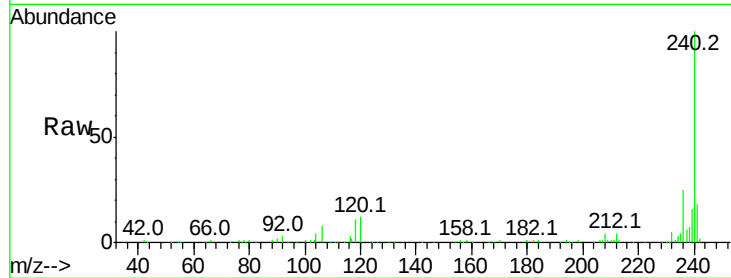
Tot Ion:240 Resp: 161117

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

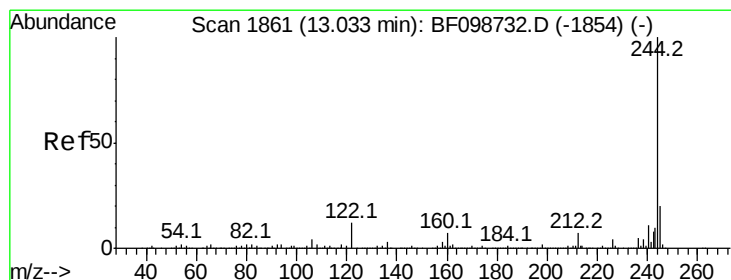
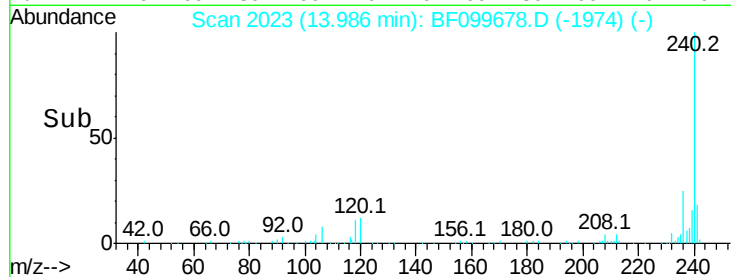
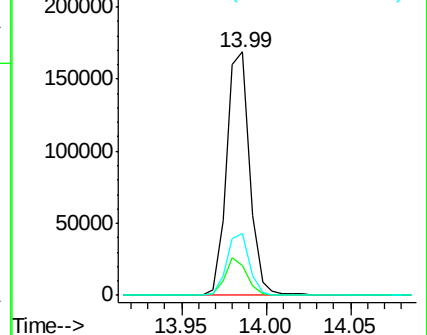
236 25.4 20.7 31.1



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: 97.407 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099678.D

Acq: 20 Oct 2017 1:06

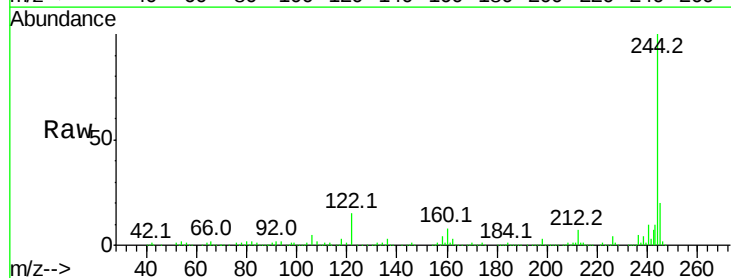
Tgt Ion:244 Resp: 690085

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

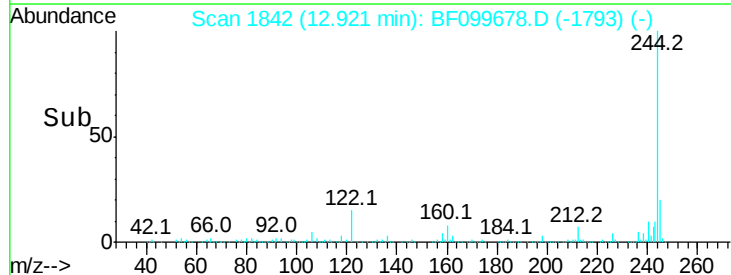
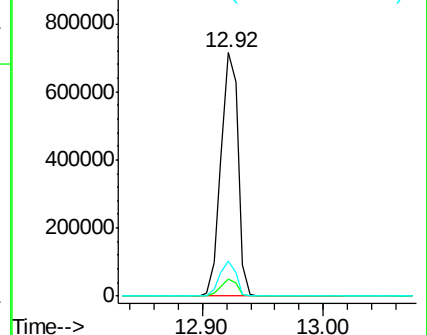
122 14.6 11.0 16.4

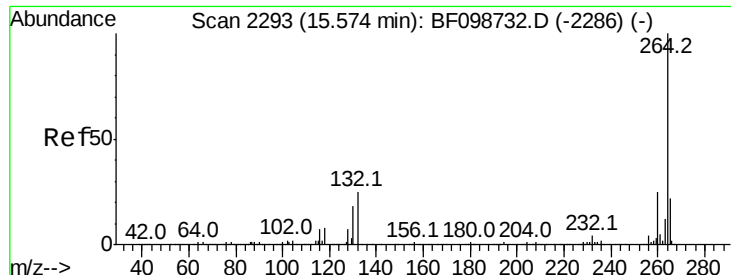


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

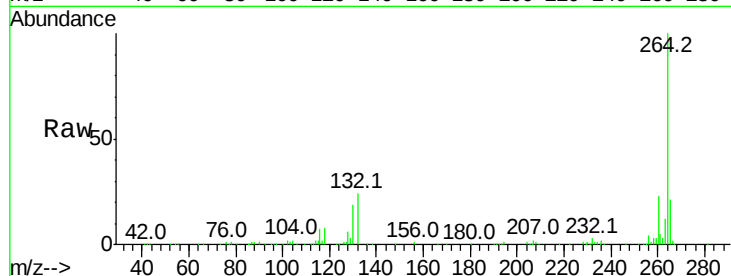




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099678.D
 Acq: 20 Oct 2017 1:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

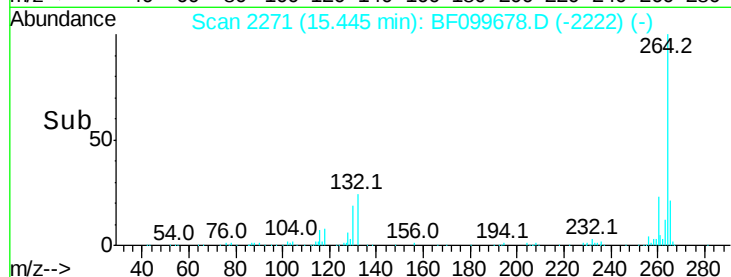
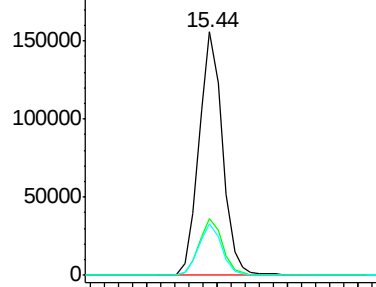


Abundance

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



Time-->