

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099599.D
 Acq On : 17 Oct 2017 23:36
 Operator : SJ/JU
 Sample : I5869-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 00:17:03 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

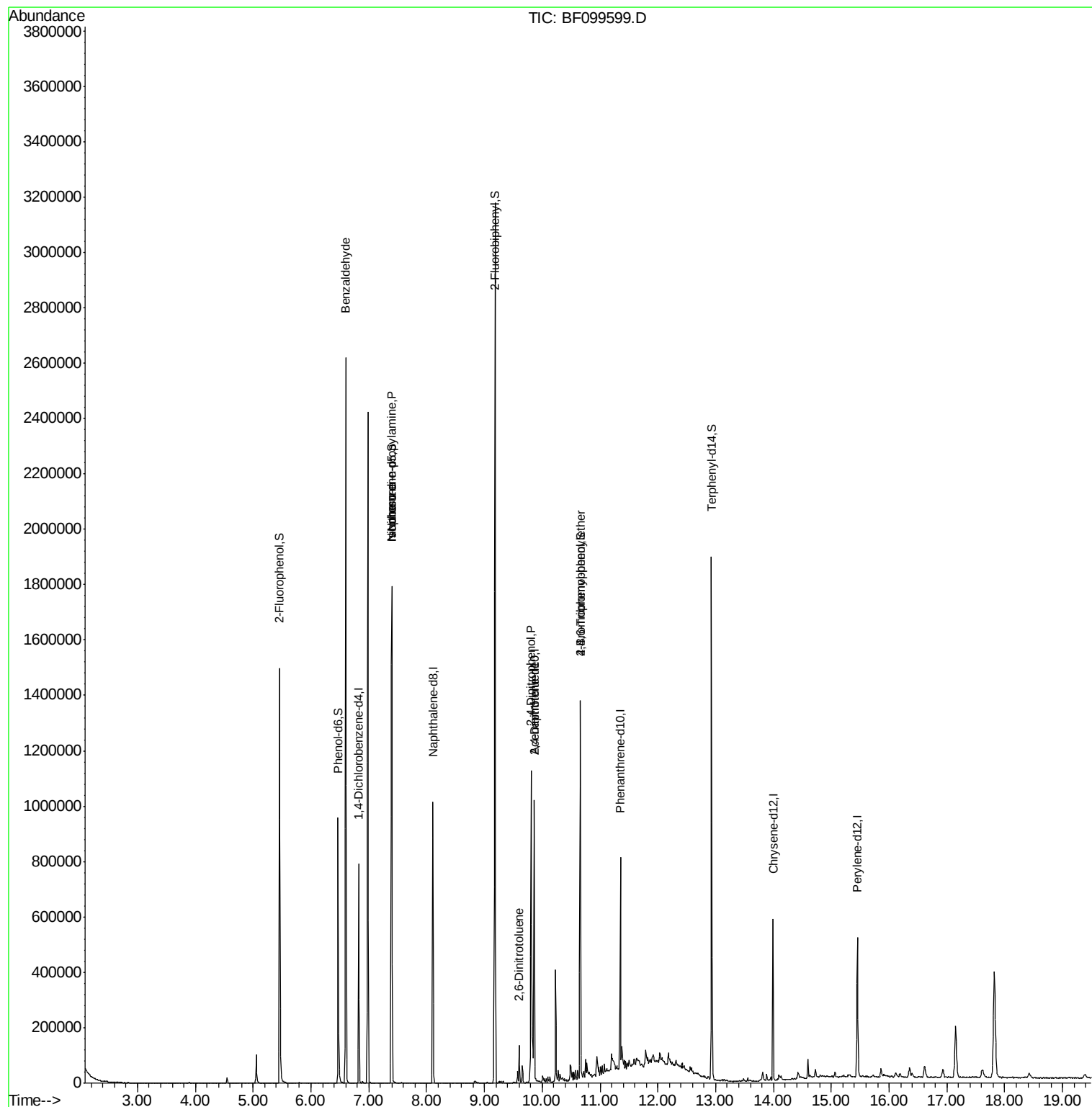
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118965	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	469188	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	199920	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	282613	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197182	20.00	ng	0.00
86) Perylene-d12	15.45	264	214218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	444888	59.53	ng	0.01
7) Phenol-d6	6.47	99	321056	34.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	663568	90.70	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	163436	99.91	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1184112	98.88	ng	0.00
78) Terphenyl-d14	12.93	244	651693	75.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	14477	2.71	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.40	70	82916	14.09	ng	# 72
25) Isophorone	7.40	82	663563	43.87	ng	# 64
50) 2,6-Dinitrotoluene	9.60	165	11721	3.57	ng	# 25
53) 2,4-Dinitrophenol	9.82	184	2014	6.92	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	25789	6.05	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	10514	3.80	ng	# 1

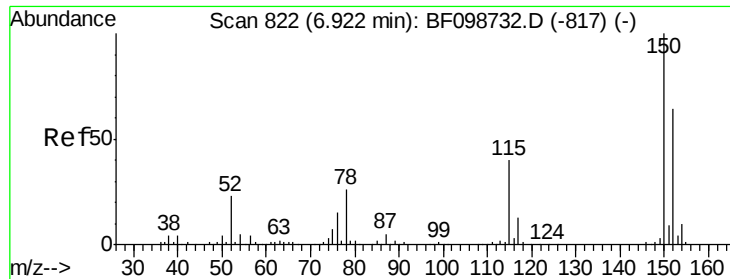
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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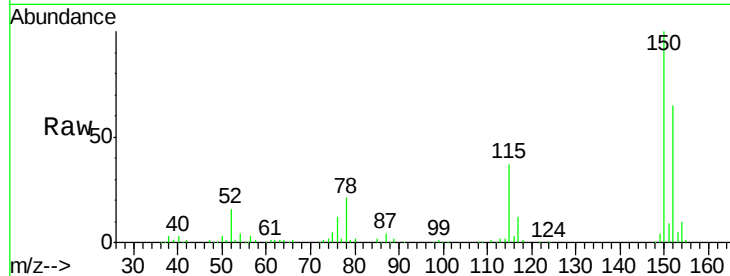


#1

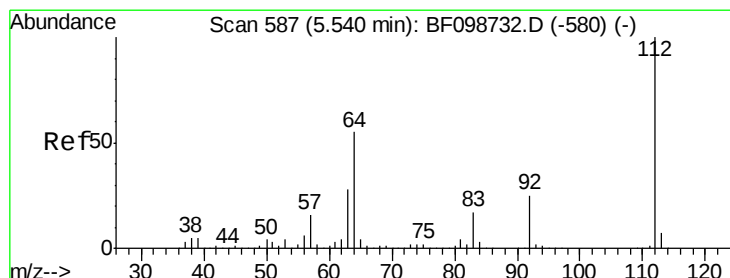
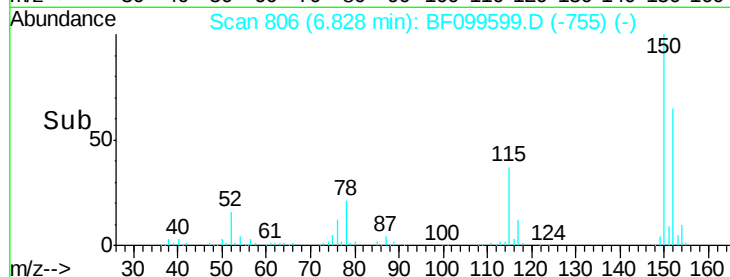
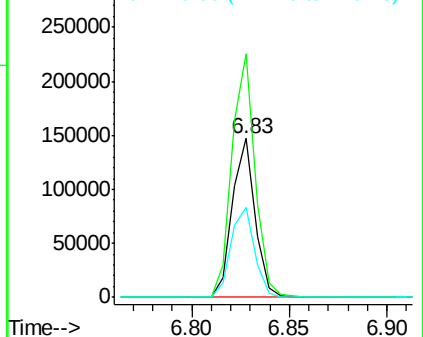
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118965
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 56.9 50.1 75.1



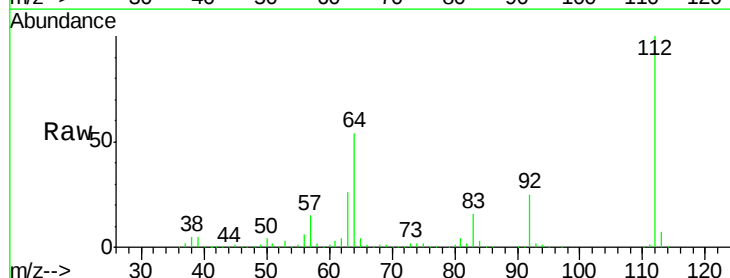
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



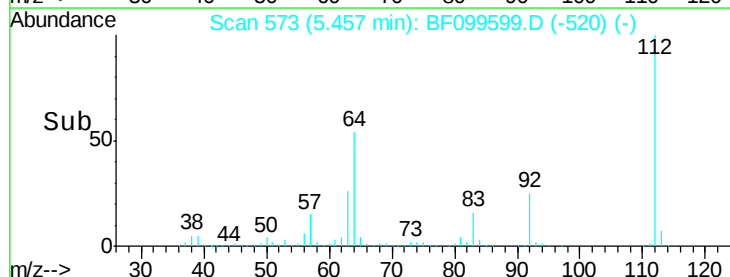
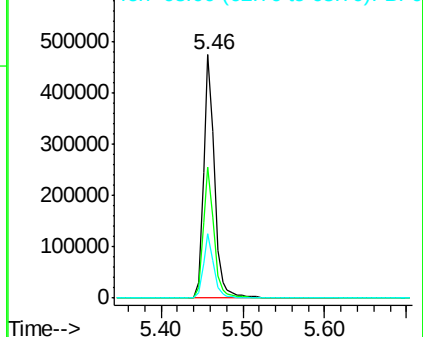
#5

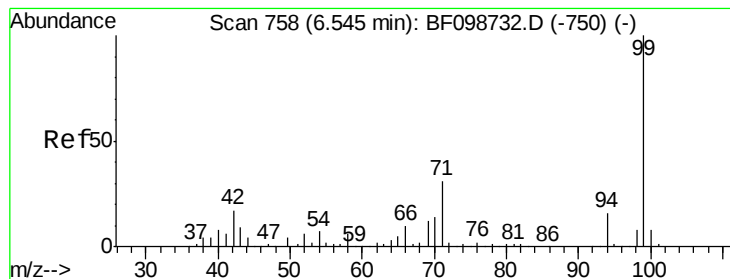
2-Fluorophenol
Concen: 59.53 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Tgt Ion:112 Resp: 444888
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 26.3 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: 34.83 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

Instrument :

BNA_F

ClientSampled :

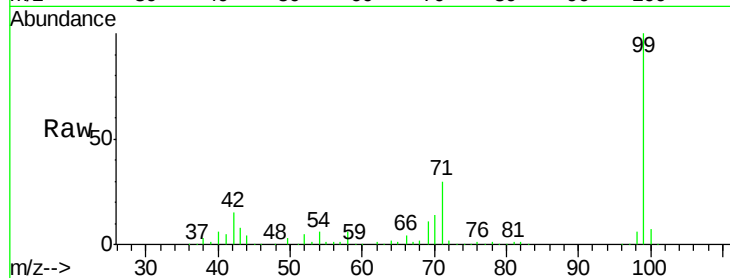
Tot Ion: 99 Resp: 321056

Ion Ratio Lower Upper

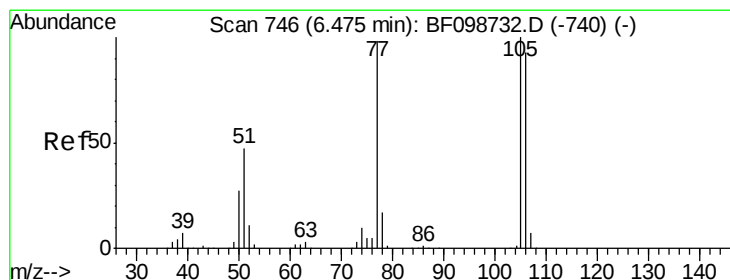
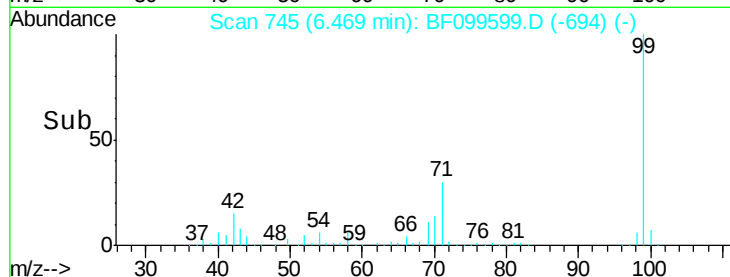
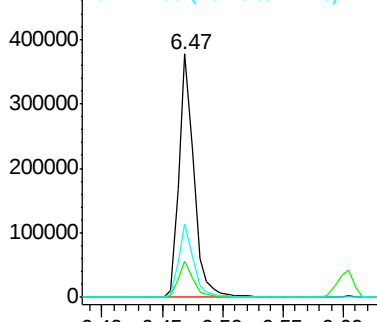
99 100

42 15.0 14.5 21.7

71 29.9 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: 2.71 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

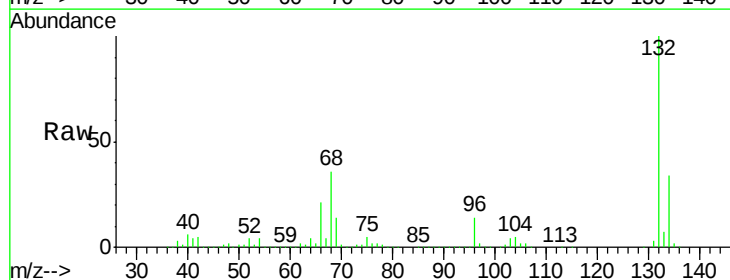
Tgt Ion: 77 Resp: 14477

Ion Ratio Lower Upper

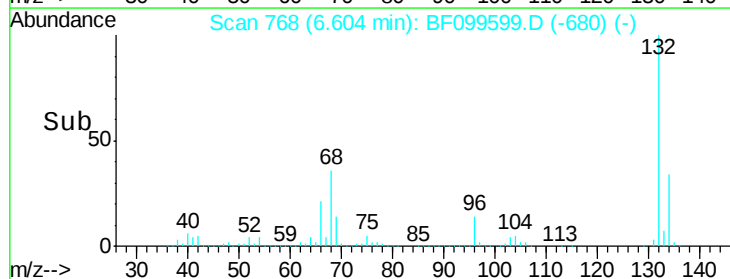
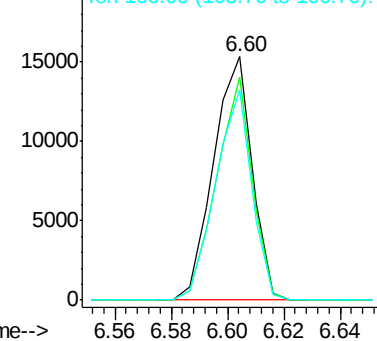
77 100

105 91.7 81.1 121.1

106 86.4 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

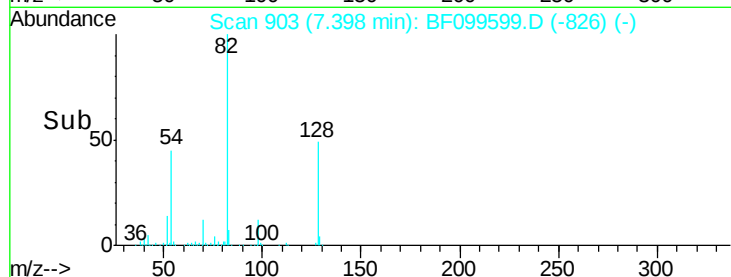
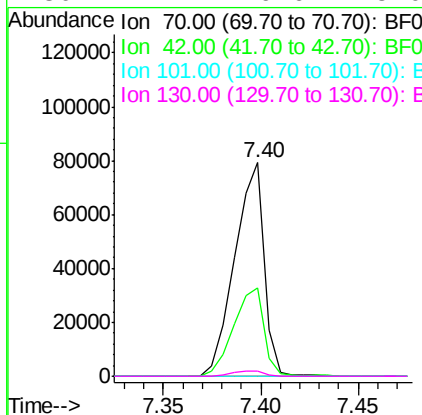
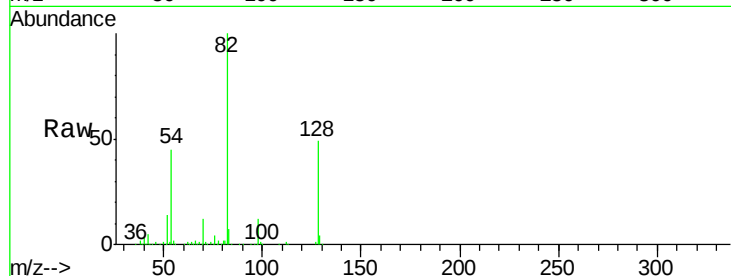




#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

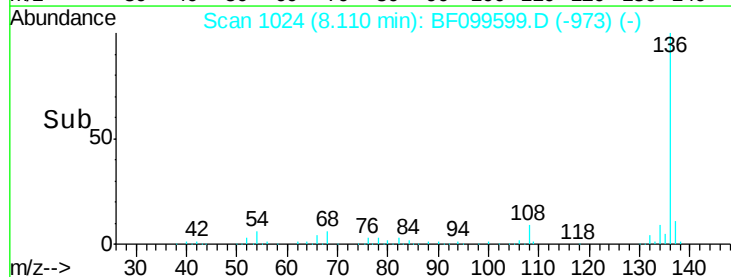
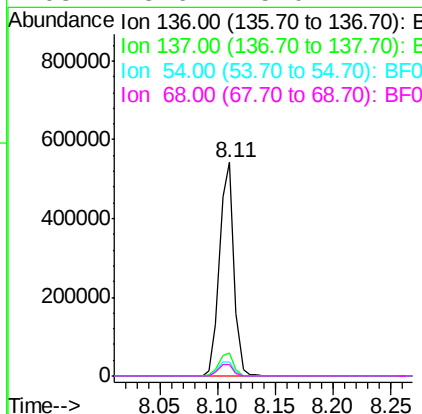
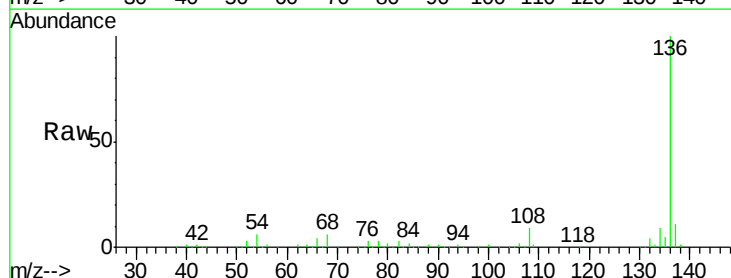
Instrument :
BNA_F
ClientSampleId :

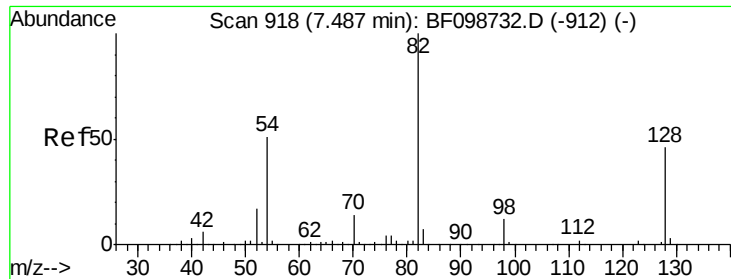
Tot Ion: 70 Resp: 82916
Ion Ratio Lower Upper
70 100
42 41.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Tgt Ion: 136 Resp: 469188
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.4 6.6 9.8#
68 5.6 5.0 7.4

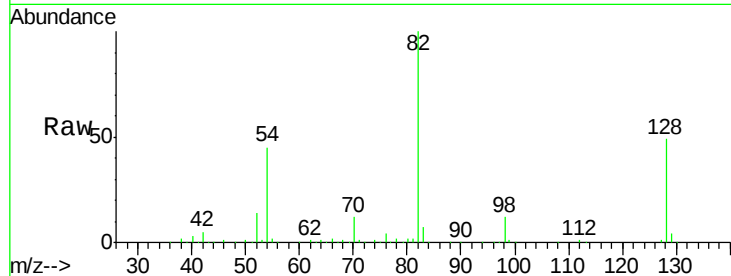




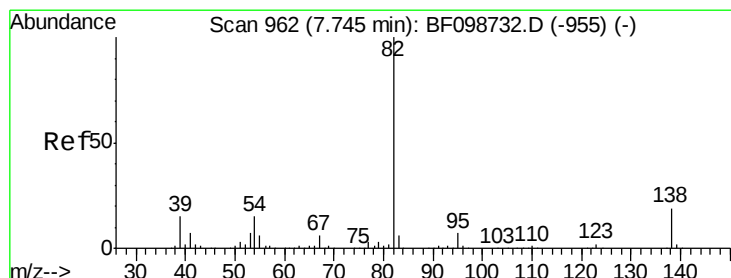
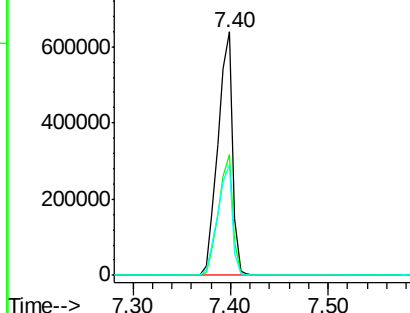
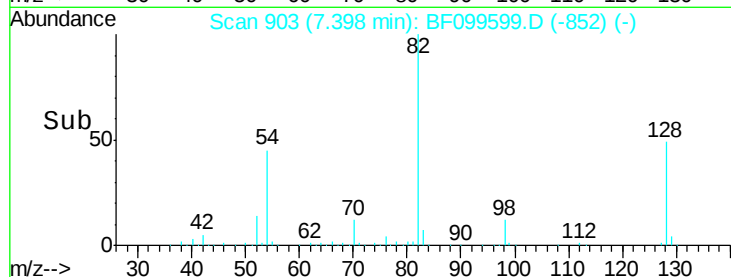
#23
 Nitrobenzene-d5
 Concen: 90.70 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	663568
Ion Ratio	Lower	Upper	
82	100		
128	49.4	36.1	54.1
54	45.4	41.4	62.2

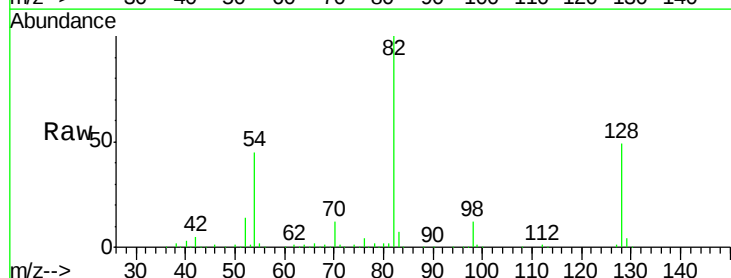


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

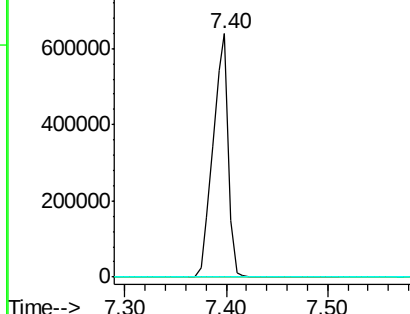
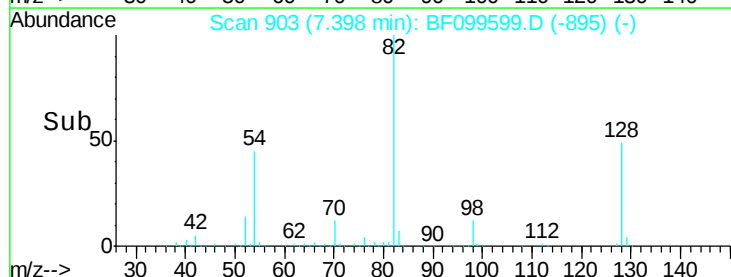


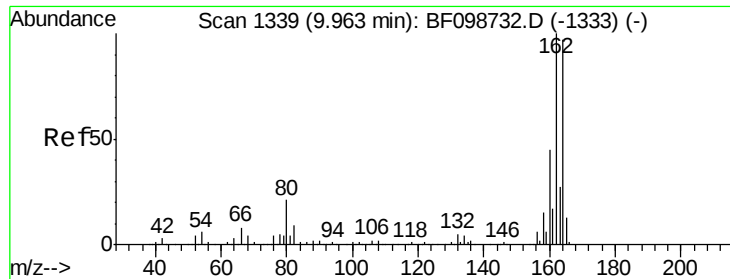
#25
 Isophorone
 Concen: 43.87 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.25 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Tgt Ion	82	Resp	663563
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

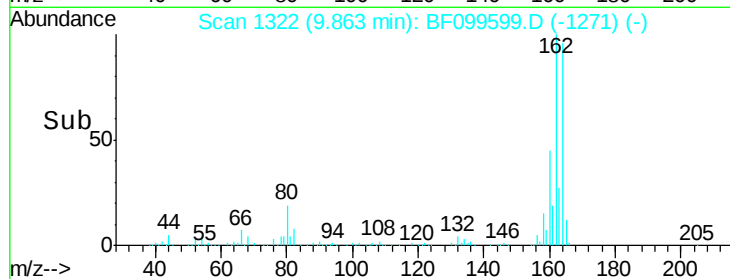
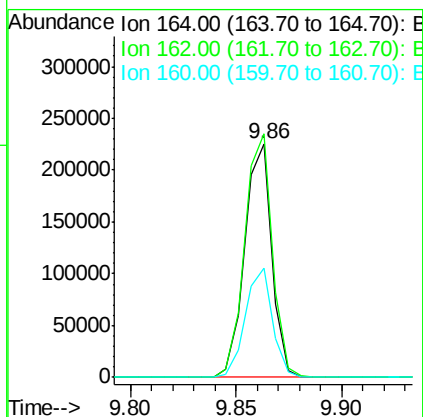
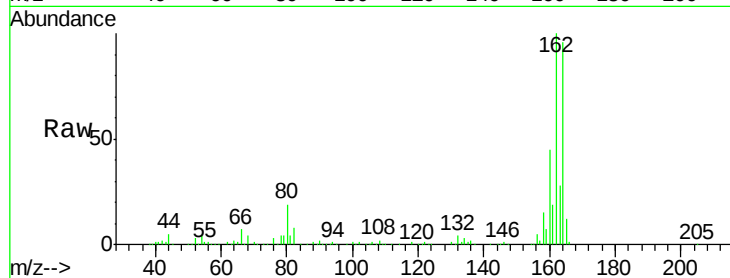




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

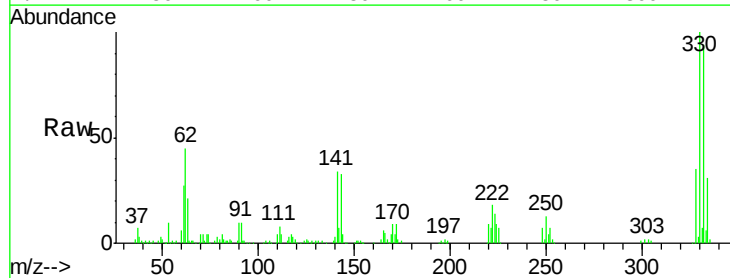
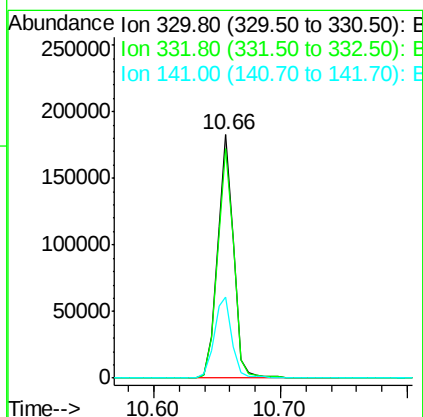
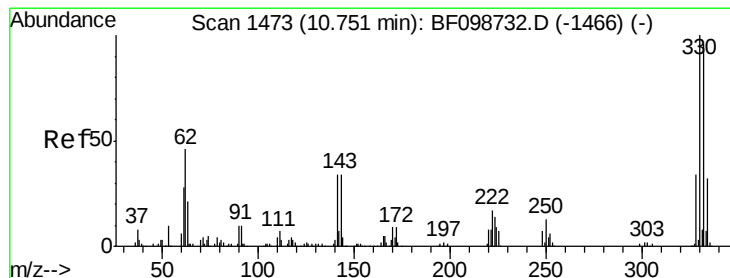
Instrument :
 BNA_F
 ClientSampleId :

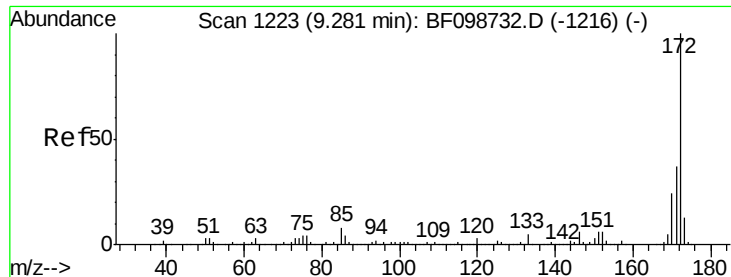
Tot Ion:164 Resp: 199920
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 99.91 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Tgt Ion:330 Resp: 163436
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 36.8 29.9 44.9

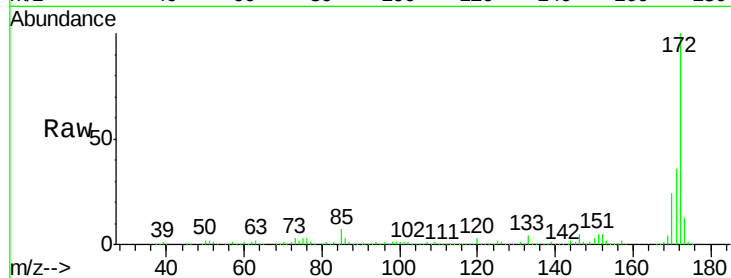




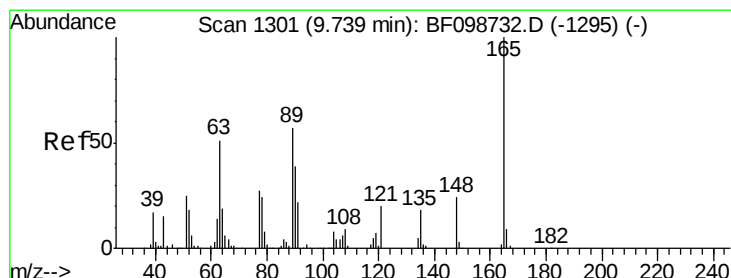
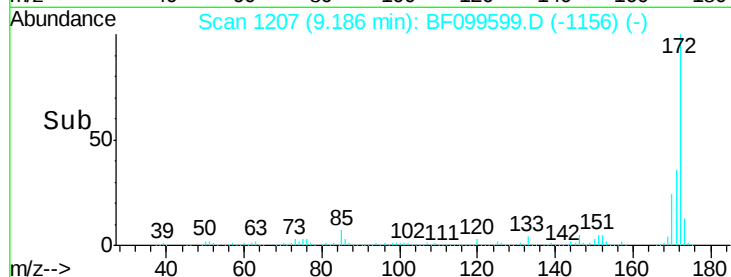
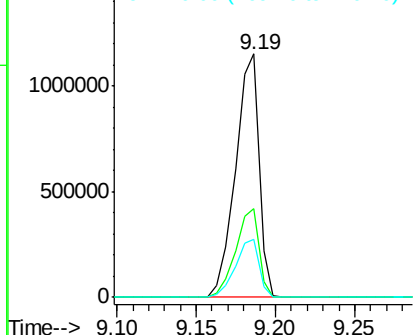
#44
2-Fluorobiphenyl
Concen: 98.88 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1184112
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.0 19.6 29.4

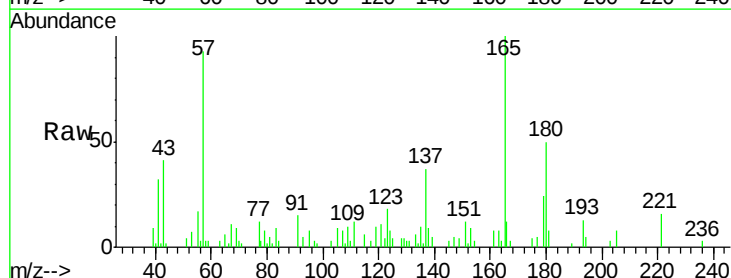


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

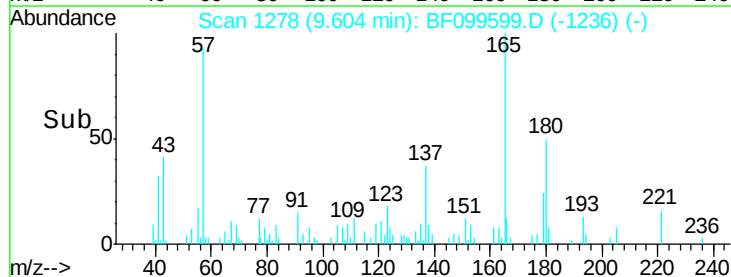
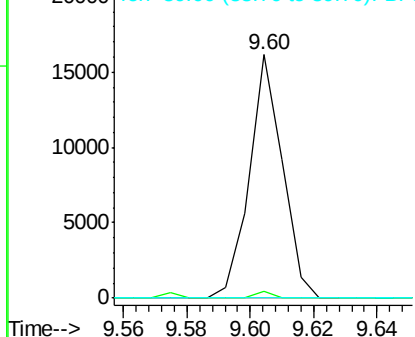


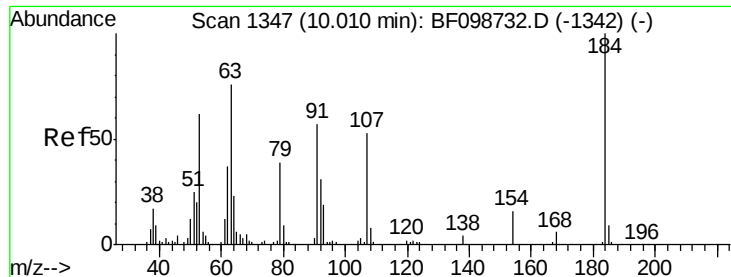
#50
2,6-Dinitrotoluene
Concen: 3.57 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Tgt Ion:165 Resp: 11721
Ion Ratio Lower Upper
165 100
63 2.5 44.7 67.1#
89 0.0 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

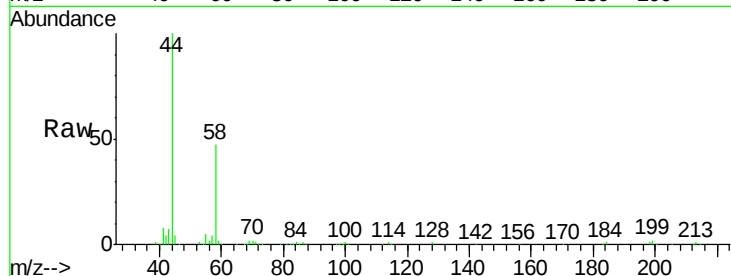




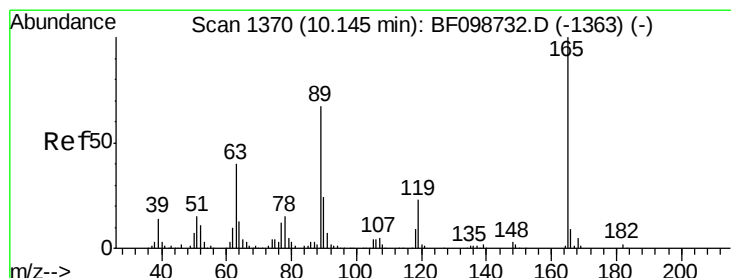
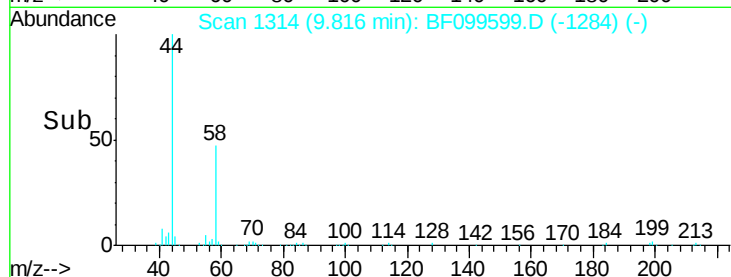
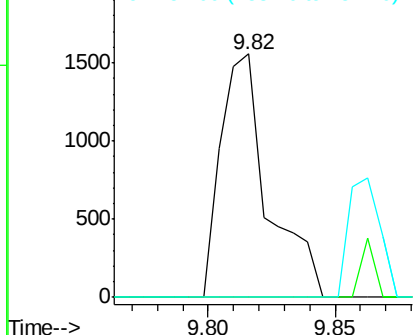
#53
2,4-Dinitrophenol
Concen: 6.92 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.12 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2014
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 53.5 80.3#

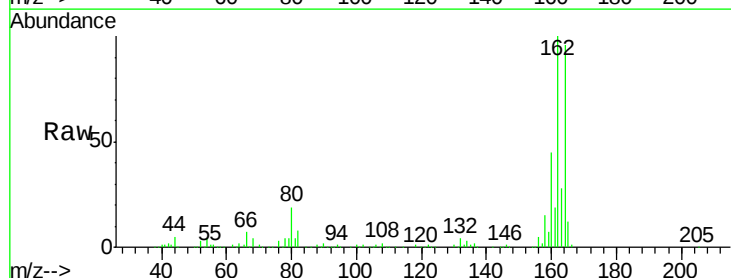


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

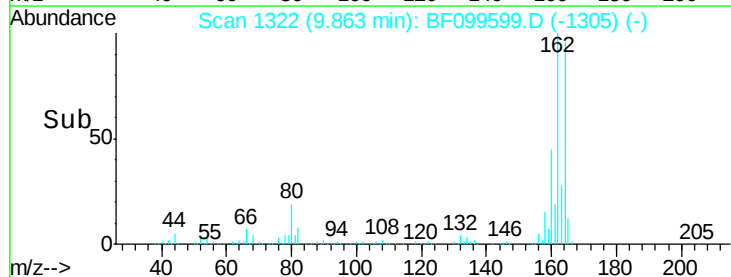
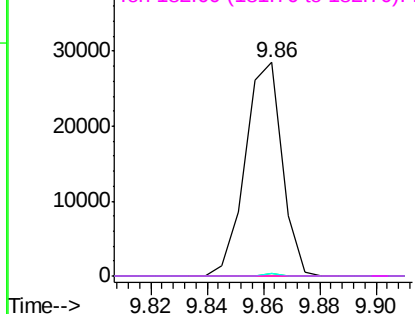


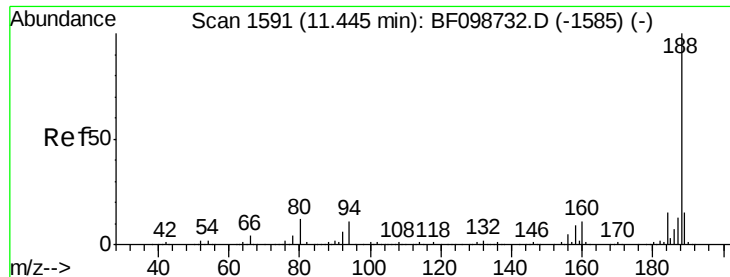
#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF099599.D
Acq: 17 Oct 2017 23:36

Tgt Ion:165 Resp: 25789
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.5 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

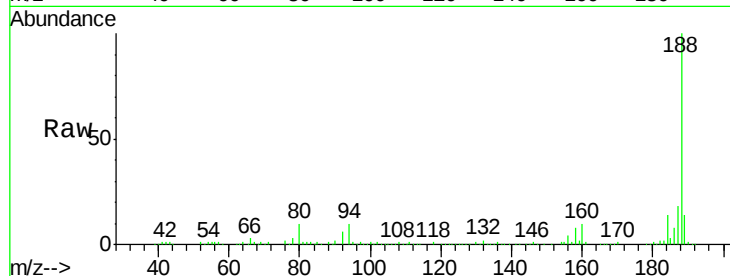




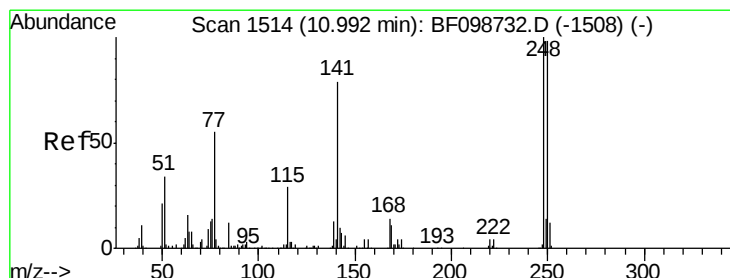
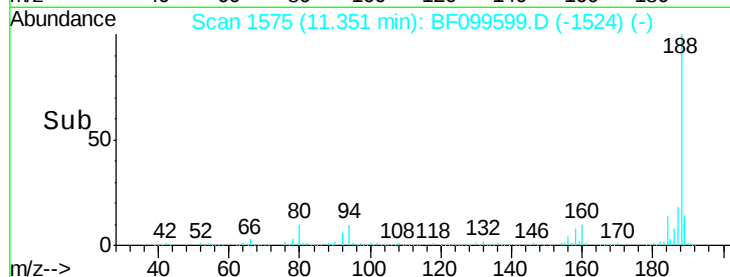
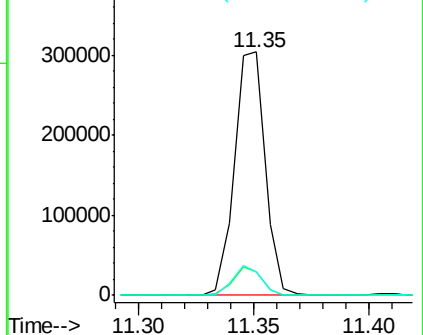
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 282613
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.9 9.2 13.8

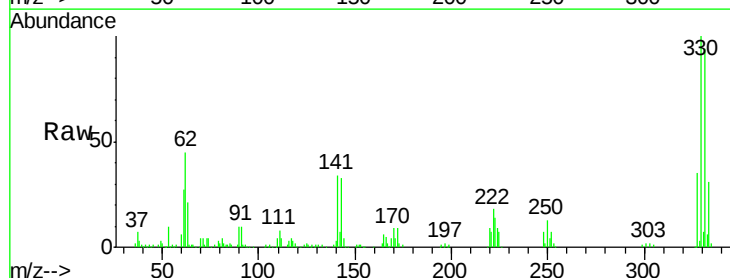


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

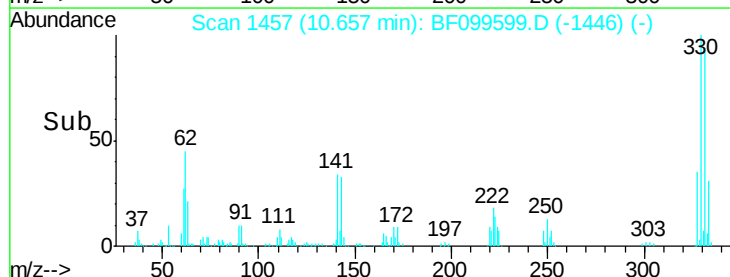
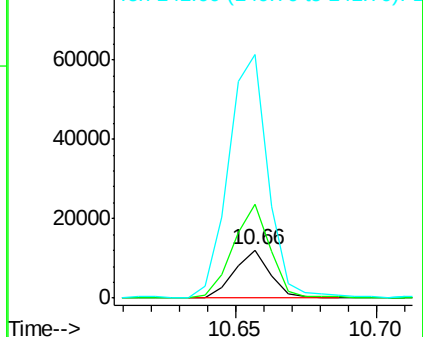


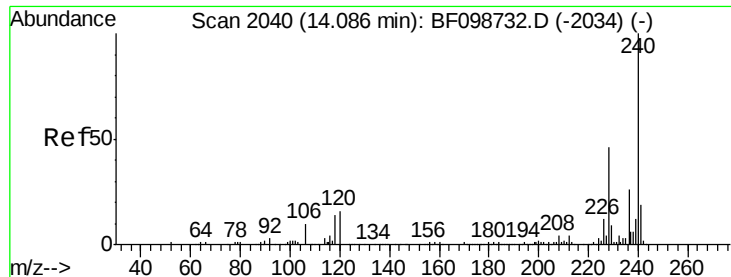
#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF099599.D
 Acq: 17 Oct 2017 23:36

Tgt Ion:248 Resp: 10514
 Ion Ratio Lower Upper
 248 100
 250 195.0 76.9 115.3#
 141 507.5 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: BF099599.D

Acq: 17 Oct 2017 23:36

Instrument :

BNA_F

ClientSampleId :

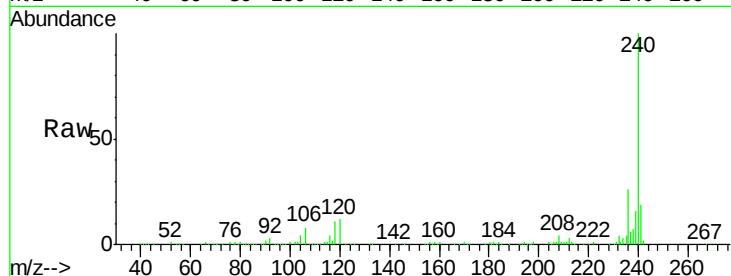
Tot Ion:240 Resp: 197182

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

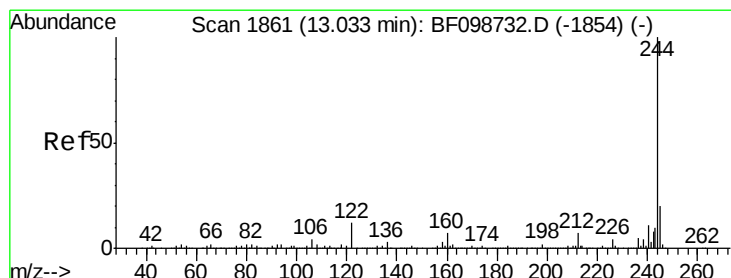
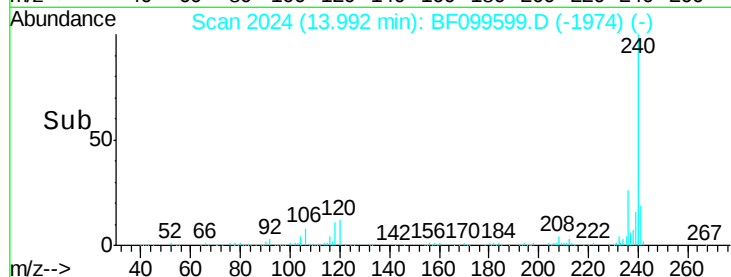
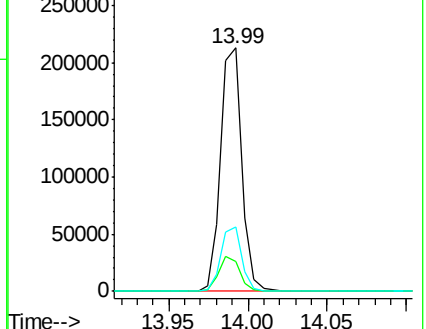
236 26.3 20.7 31.1



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: 75.16 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099599.D

Acq: 17 Oct 2017 23:36

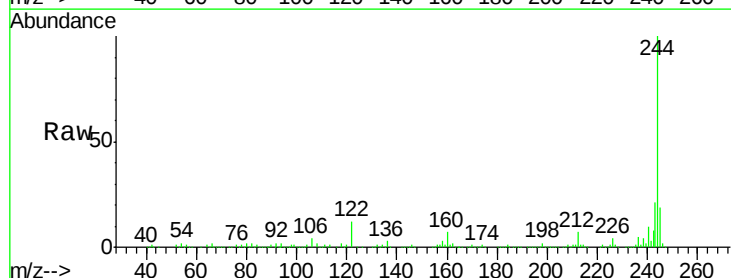
Tgt Ion:244 Resp: 651693

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

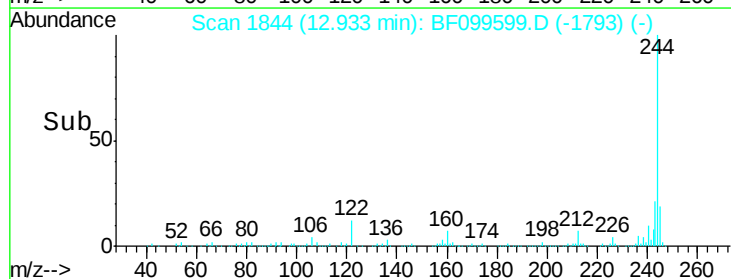
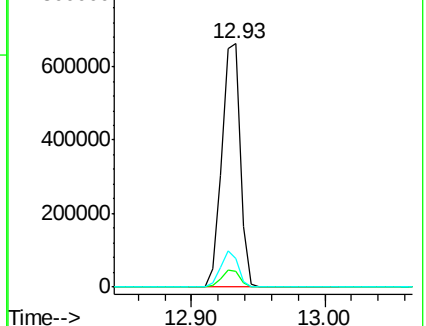
122 12.0 11.0 16.4

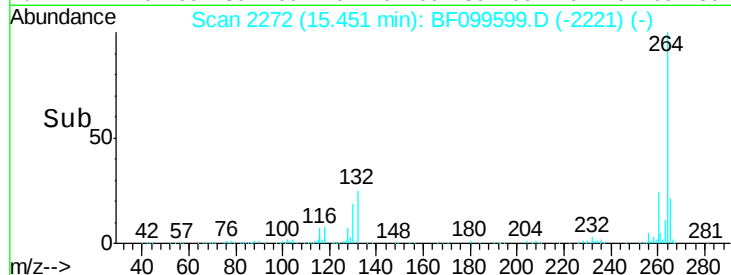
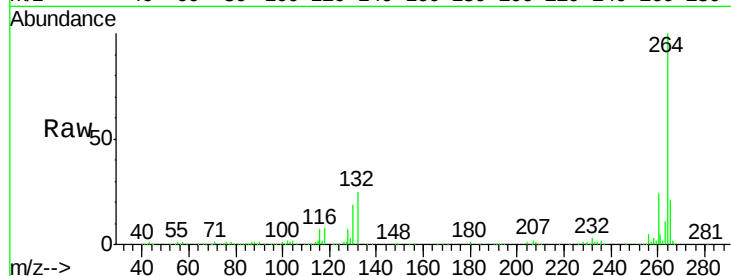
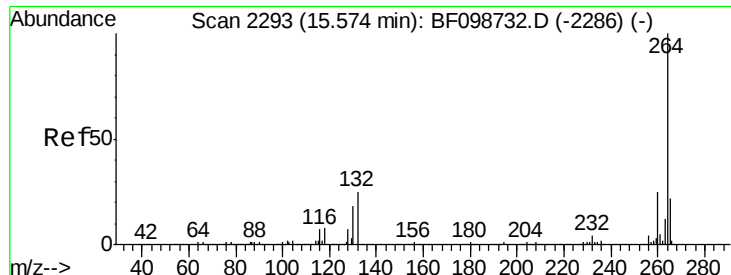


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF099599.D
 Acq: 17 Oct 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	214218
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

