

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099503.D
 Acq On : 15 Oct 2017 4:04
 Operator : SJ/JU
 Sample : I5813-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 04:32:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

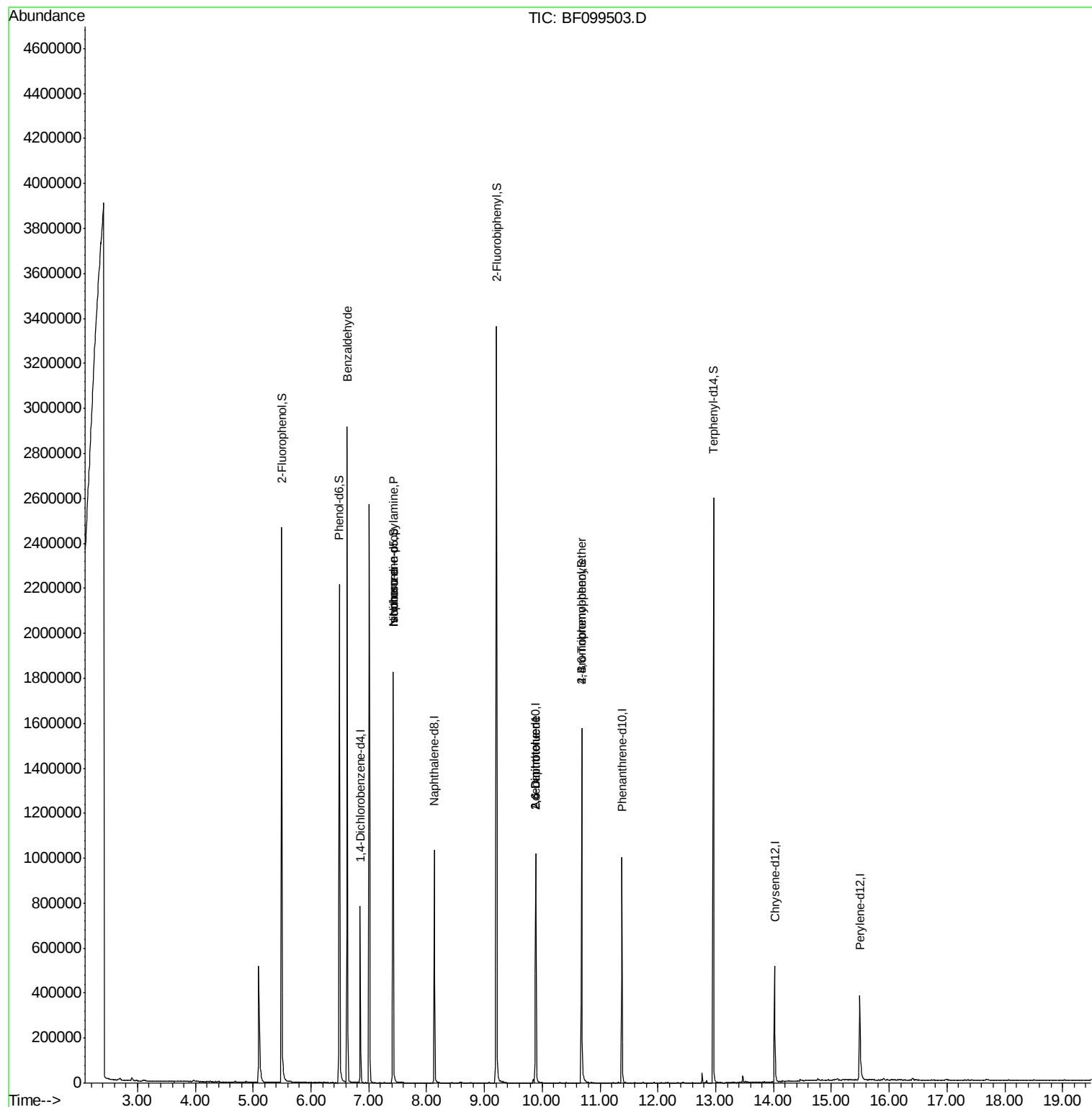
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113882	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476795	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	213804	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	351649	20.00	ng	0.00
75) Chrysene-d12	14.02	240	198468	20.00	ng	0.00
86) Perylene-d12	15.49	264	198960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	841022	117.56	ng	0.02
7) Phenol-d6	6.49	99	918772	104.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	663546	89.25	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	198177	113.28	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1195214	93.32	ng	0.00
78) Terphenyl-d14	12.96	244	895967	102.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17339	3.387	ng	85
19) n-Nitroso-di-n-propylamine	7.42	70	85146	15.112	ng	# 73
25) Isophorone	7.42	82	663538	43.167	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	26806	7.630	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	26806	5.879	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	12717	3.695	ng	# 1

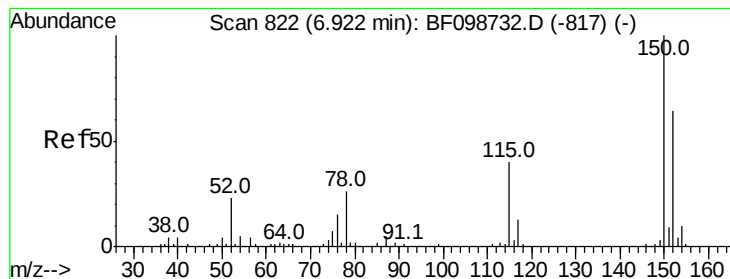
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101417\
Data File : BF099503.D
Acq On : 15 Oct 2017 4:04
Operator : SJ/JU
Sample : I5813-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 15 04:32:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration



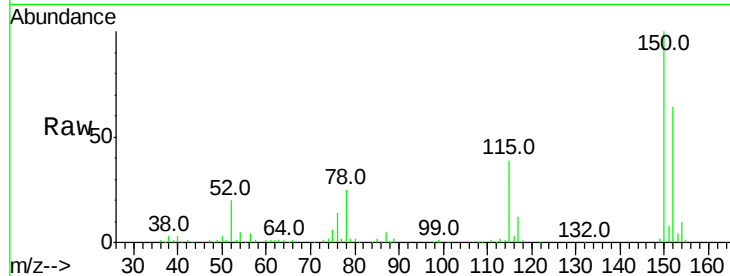


#1

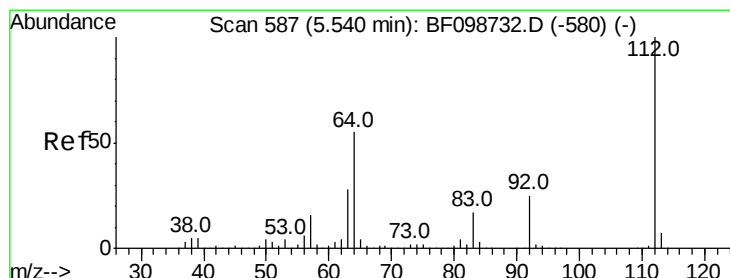
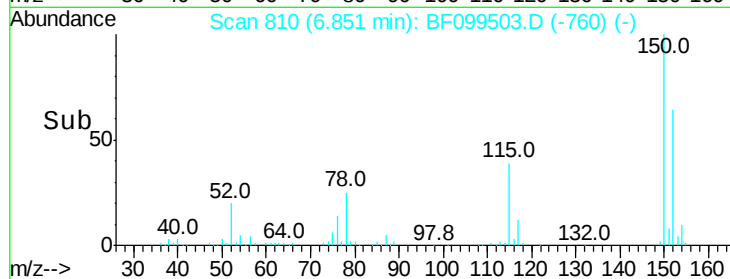
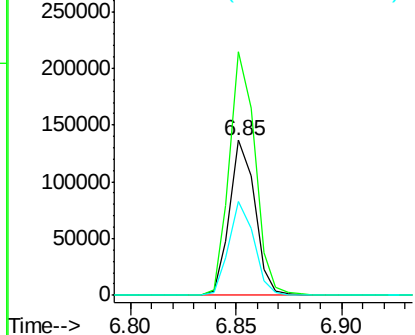
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113882
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 60.6 50.1 75.1



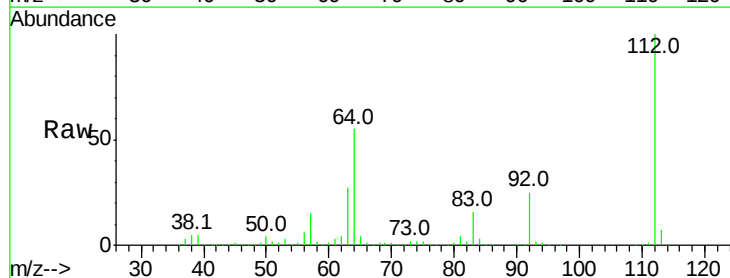
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



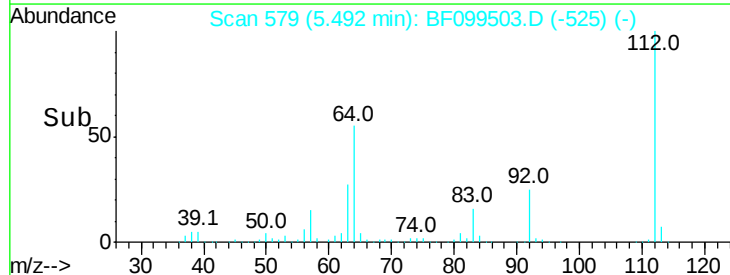
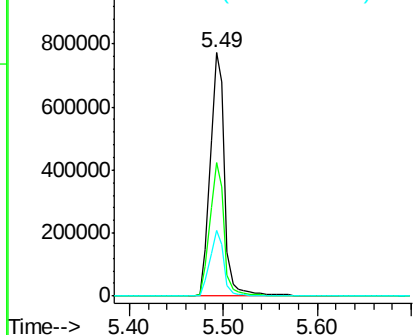
#5

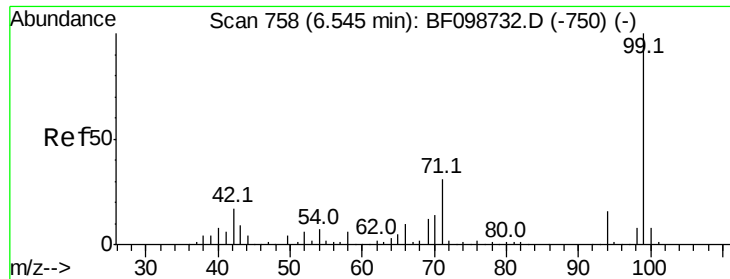
2-Fluorophenol
Concen: 117.562 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Tgt Ion:112 Resp: 841022
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 26.8 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: 104.109 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099503.D

Acq: 15 Oct 2017 4:04

Instrument :

BNA_F

ClientSampled :

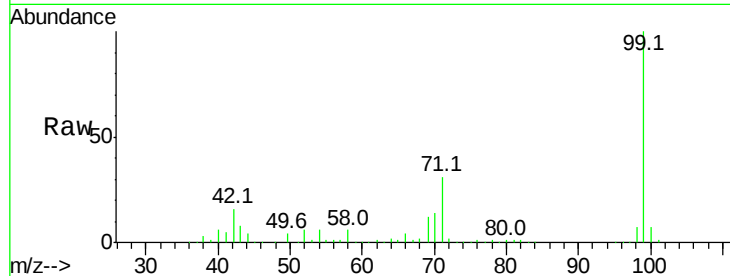
Tot Ion: 99 Resp: 918772

Ion Ratio Lower Upper

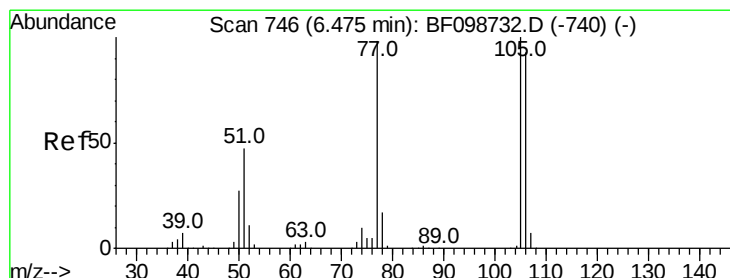
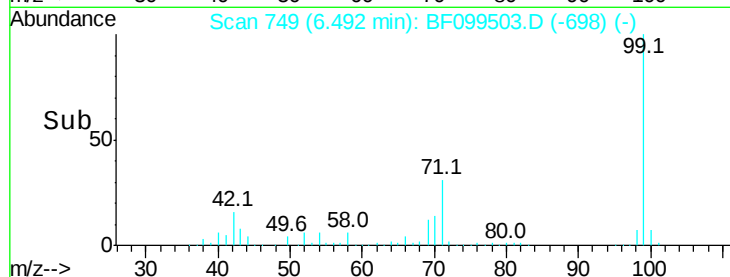
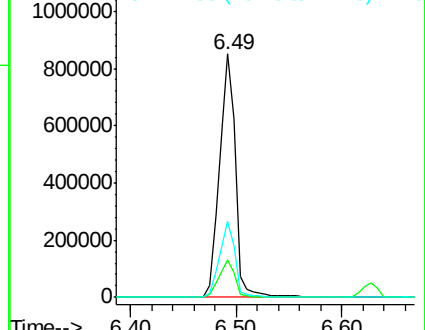
99 100

42 15.5 14.5 21.7

71 31.2 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: 3.387 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099503.D

Acq: 15 Oct 2017 4:04

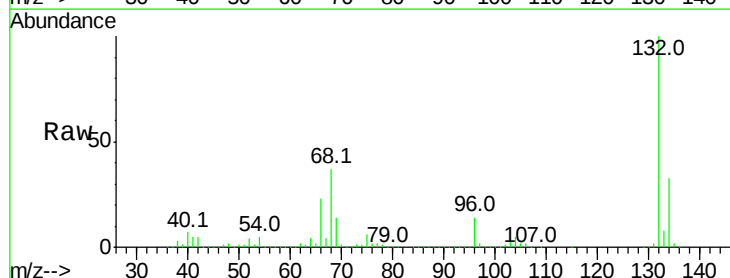
Tgt Ion: 77 Resp: 17339

Ion Ratio Lower Upper

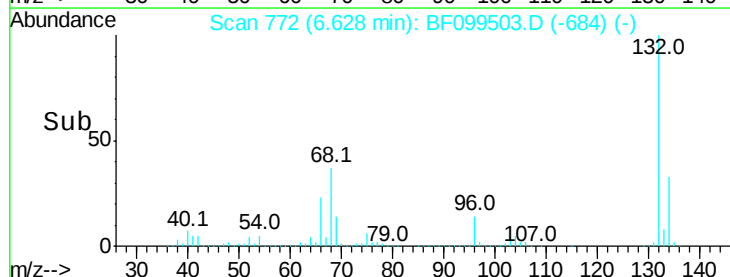
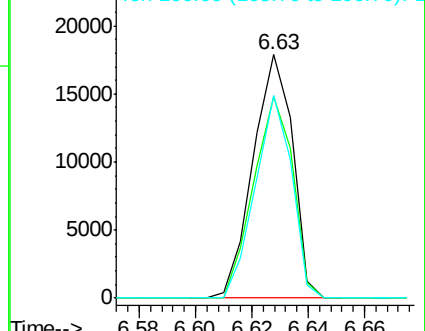
77 100

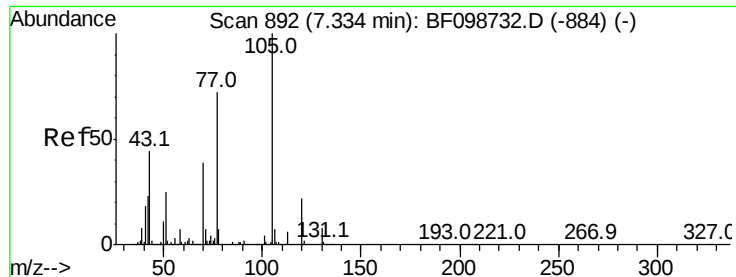
105 82.5 81.1 121.1

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): BF0
Ion 106.00 (105.70 to 106.70): BF0

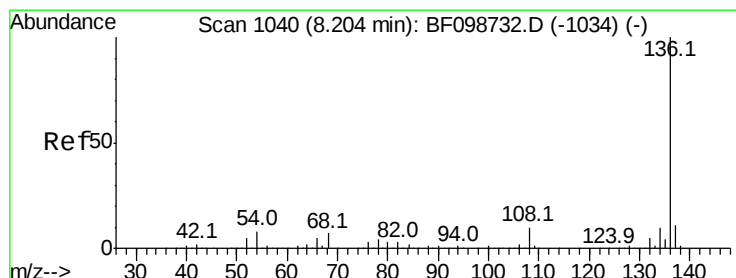
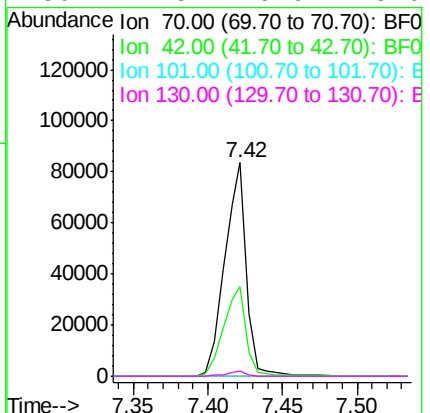
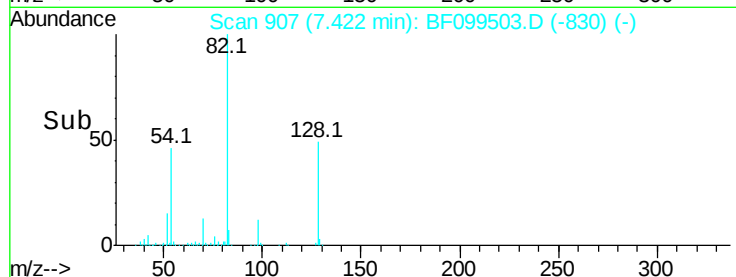
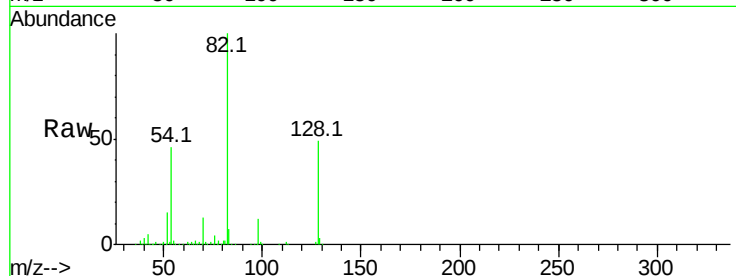




#19
n-Nitroso-di-n-propylamine
Concen: 15.112 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

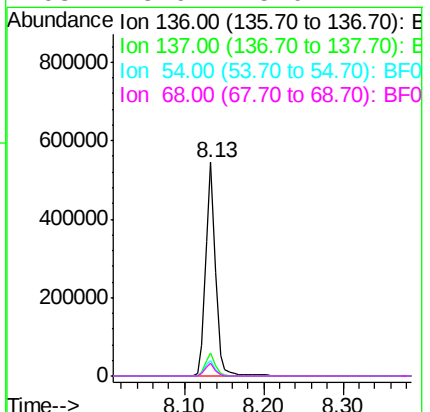
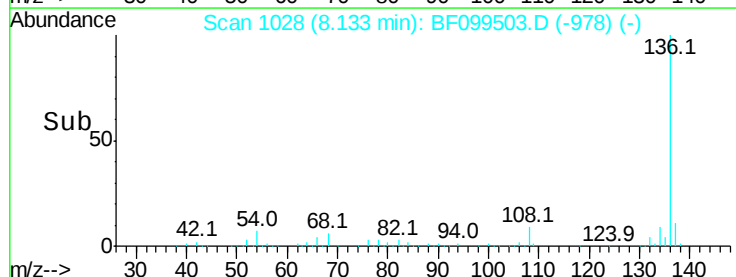
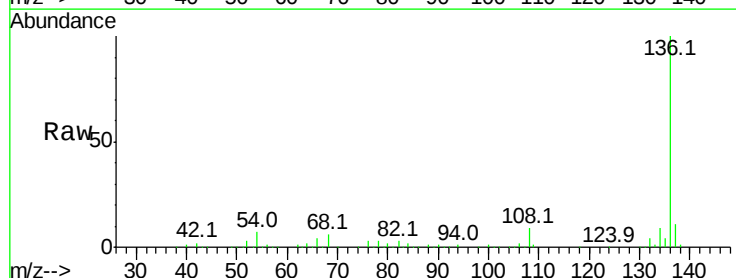
Instrument :
BNA_F
ClientSampleId :

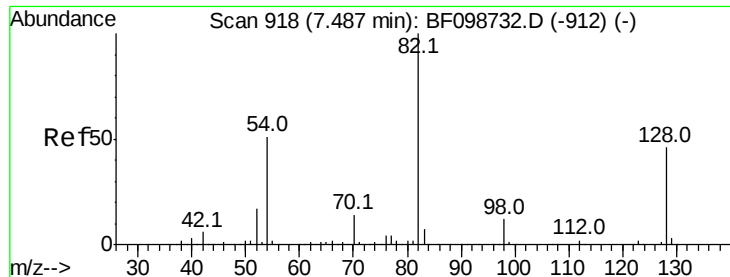
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4

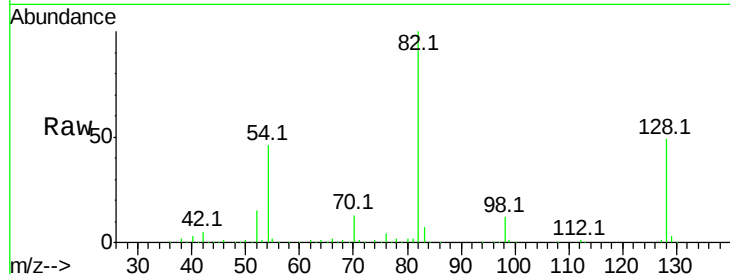




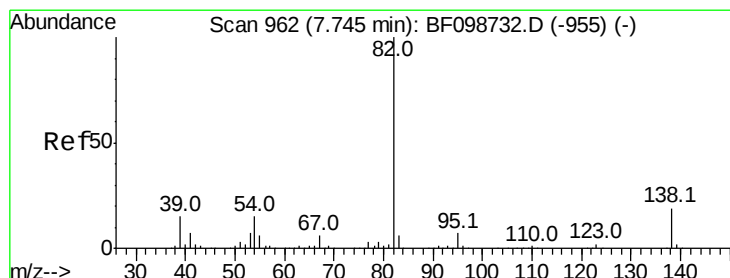
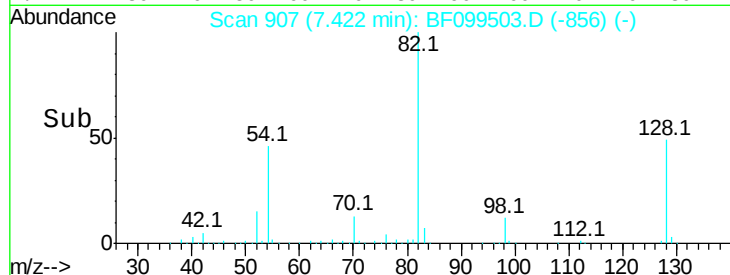
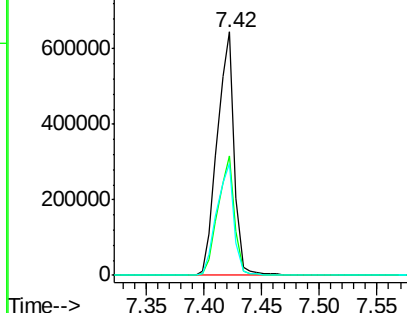
#23
Nitrobenzene-d5
Concen: 89.249 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	663546
Ion Ratio	100	Lower	Upper
128	48.8	36.1	54.1
54	45.9	41.4	62.2

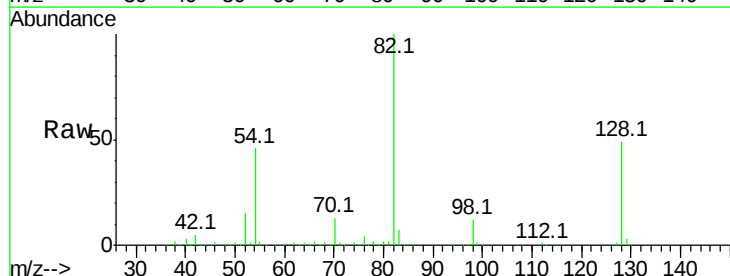


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

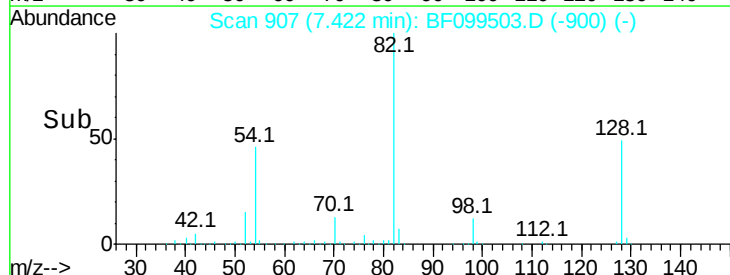
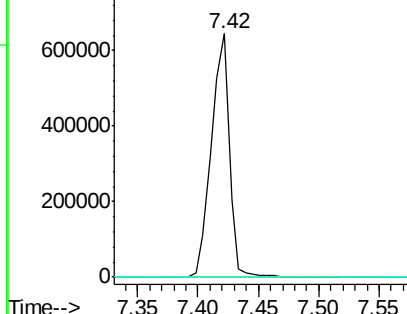


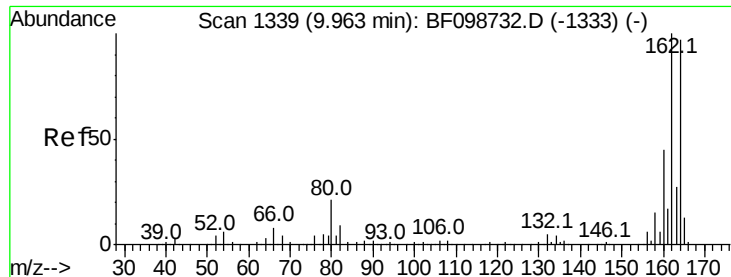
#25
Isophorone
Concen: 43.167 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Tgt Ion	82	Resp	663538
Ion Ratio	100	Lower	Upper
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

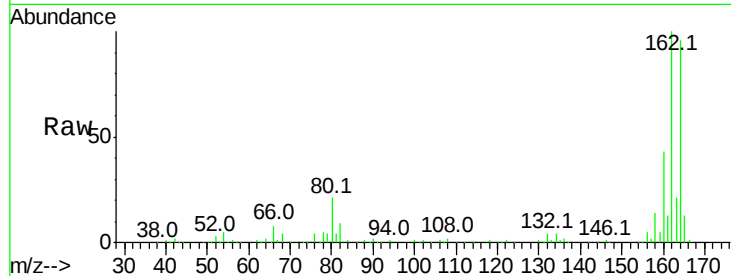




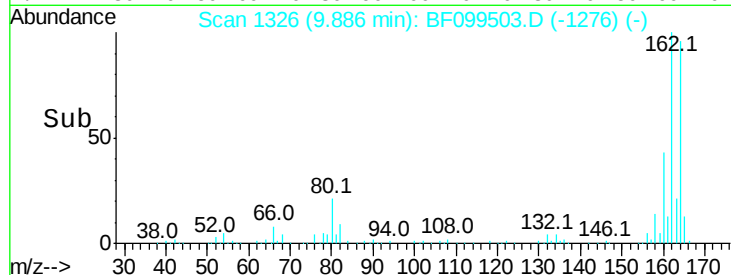
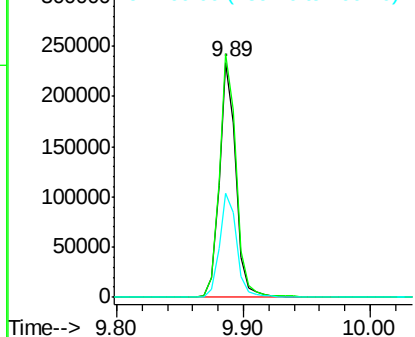
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 213804
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 44.6 38.3 57.5

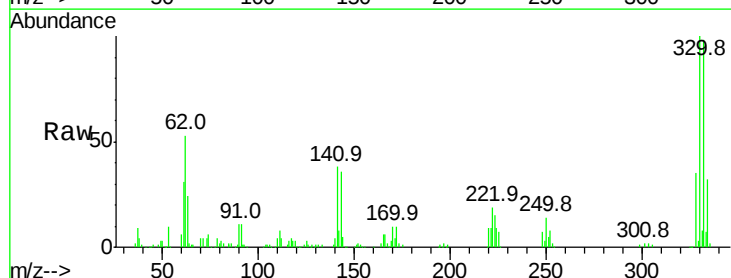


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

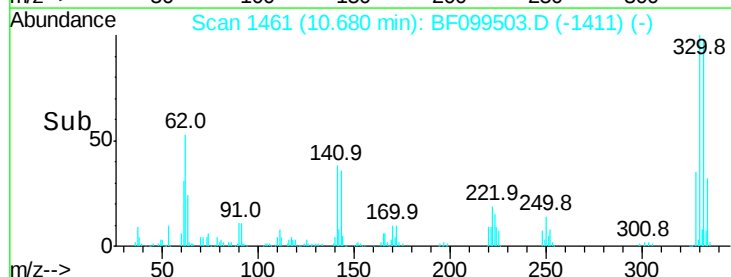
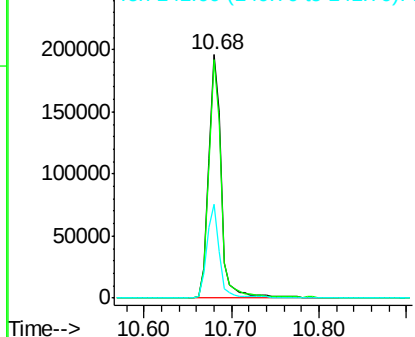


#41
2,4,6-Tribromophenol
Concen: 113.277 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Tgt Ion:330 Resp: 198177
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 38.8 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



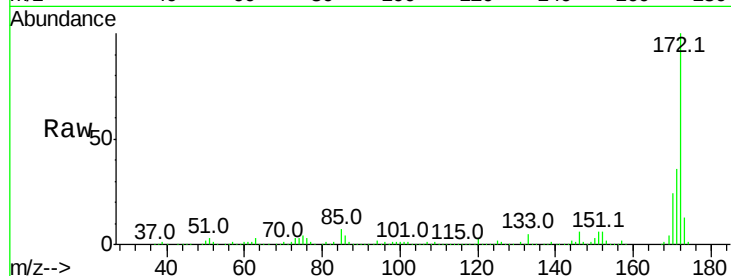


#44
 2-Fluorobiphenyl
 Concen: 93.324 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

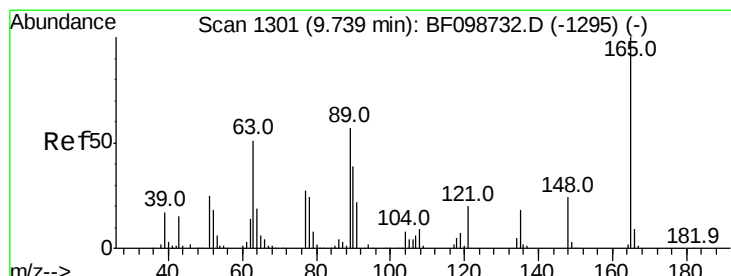
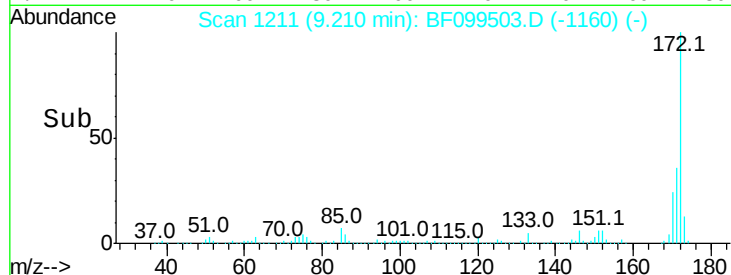
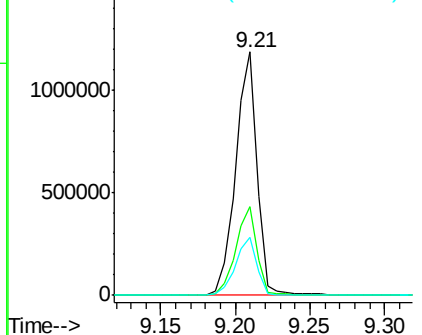
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1195214

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



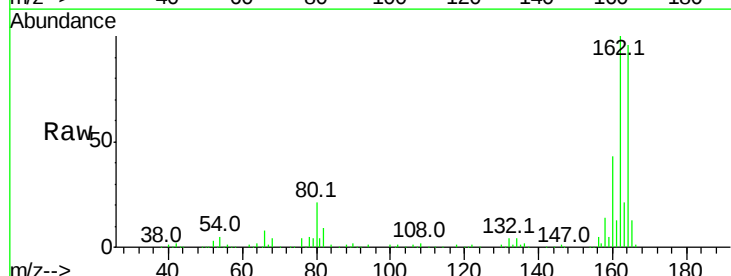
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



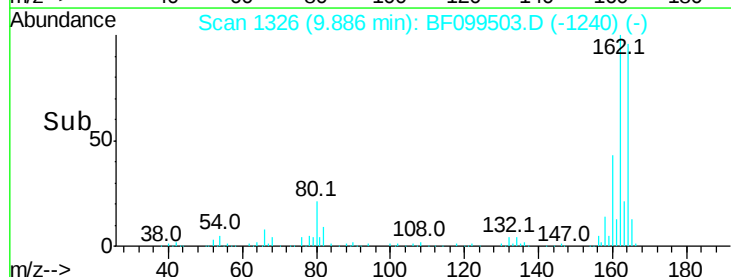
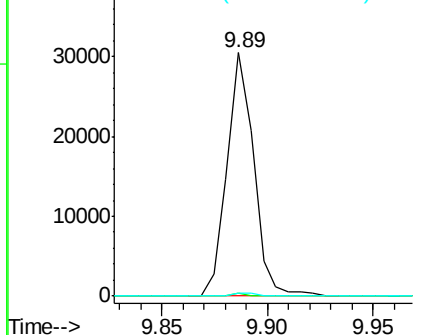
#50
 2,6-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

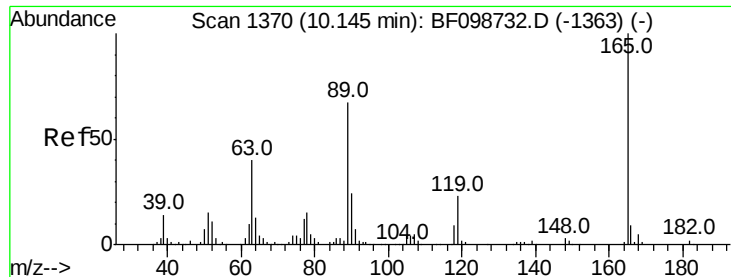
Tgt Ion:165 Resp: 26806

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	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

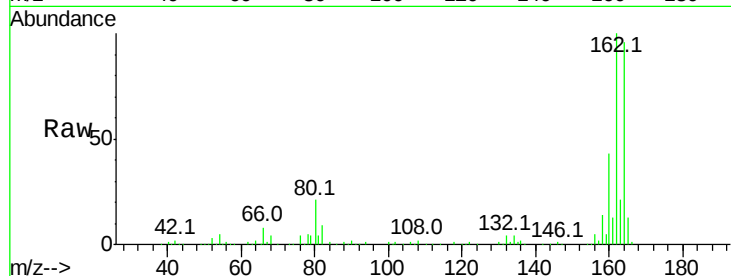




#56
 2,4-Dinitrotoluene
 Concen: 5.879 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

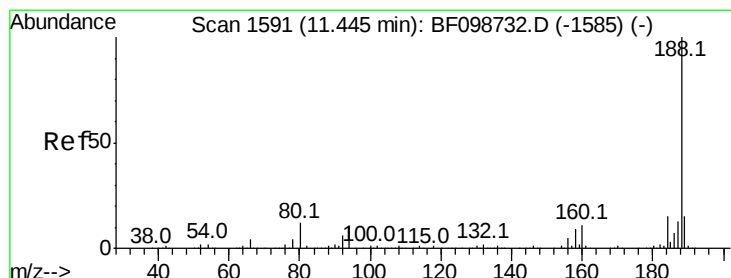
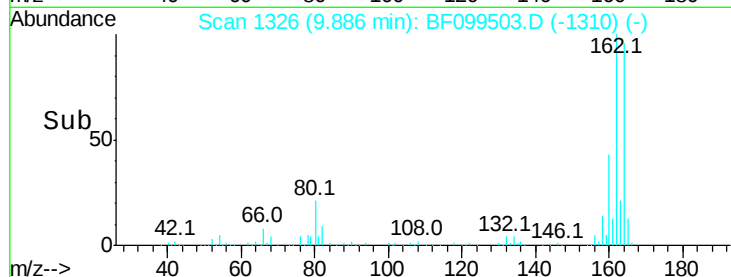
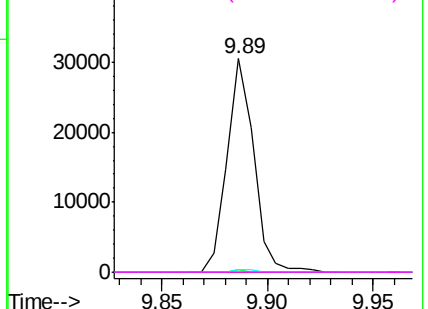


Abundance Ion 165.00 (164.70 to 165.70): E

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



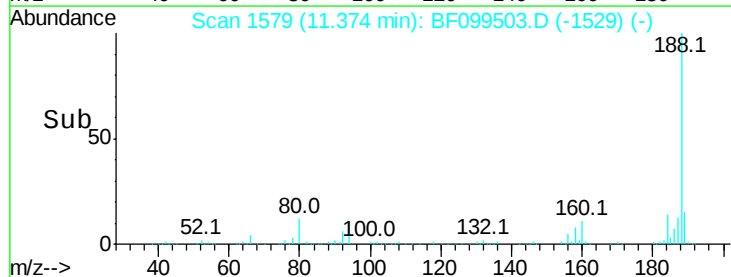
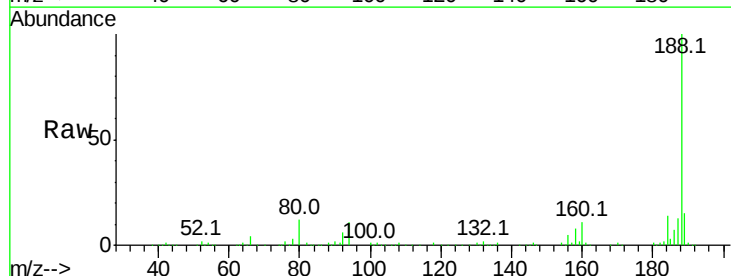
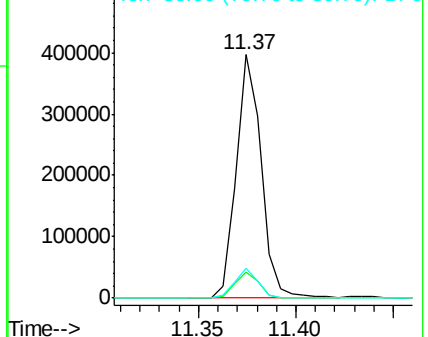
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

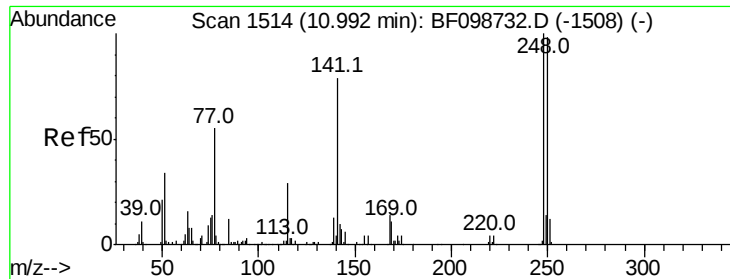
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.3	9.2	13.8

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

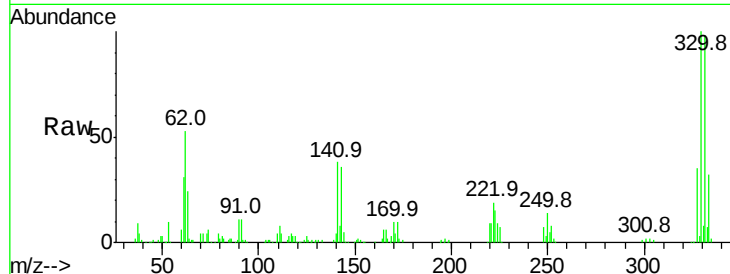




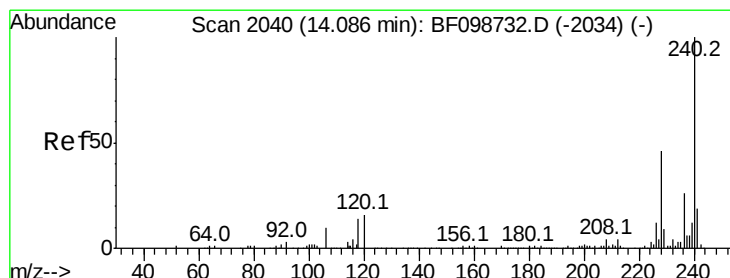
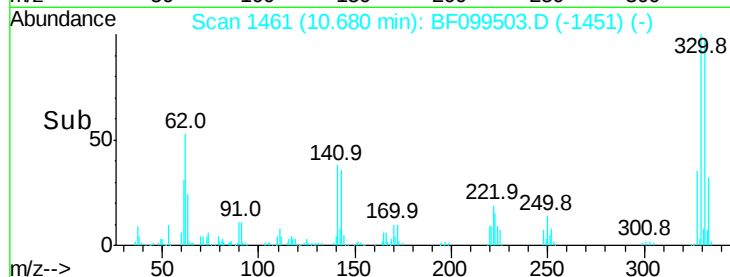
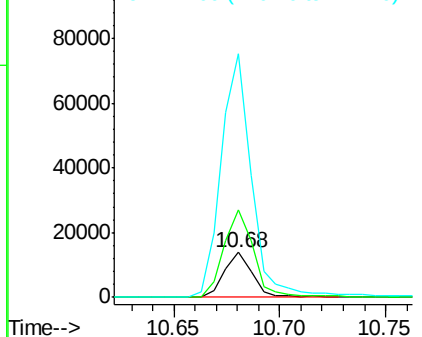
#66
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12717
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 539.0 74.4 111.6#

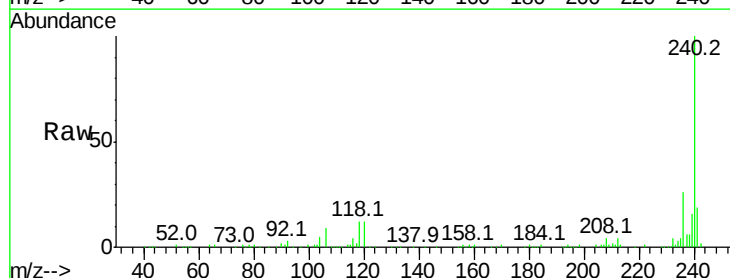


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

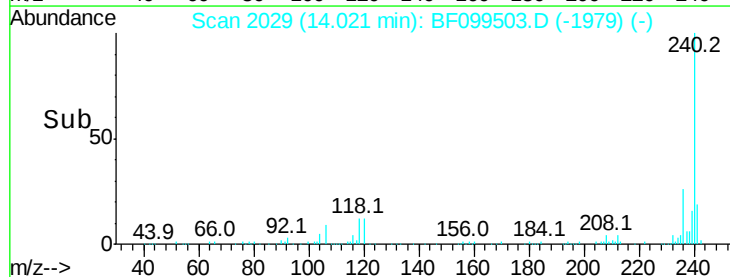
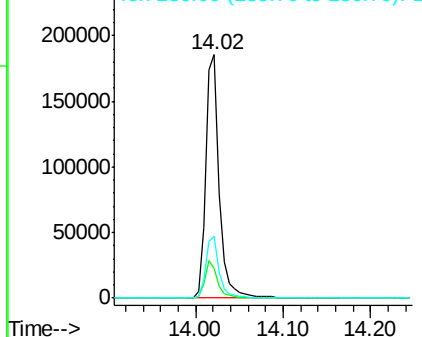


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Tgt Ion:240 Resp: 198468
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.6 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

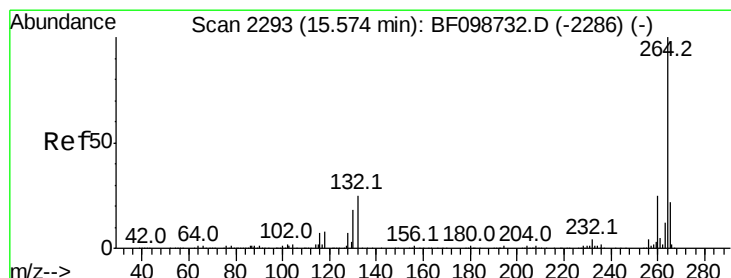
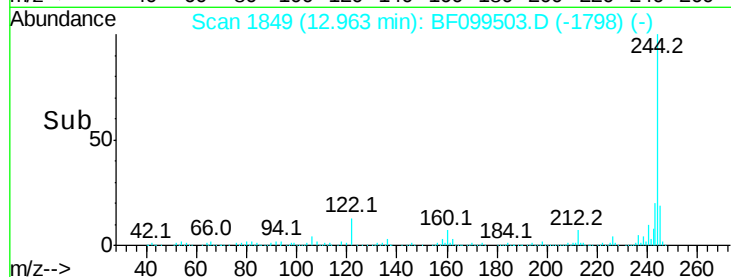
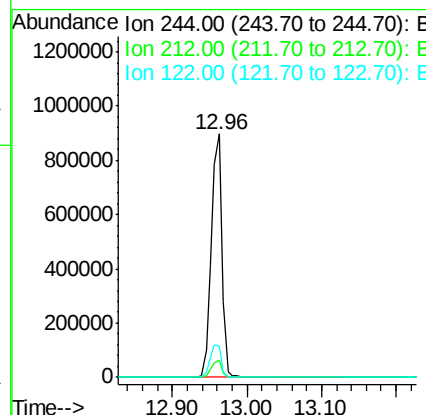
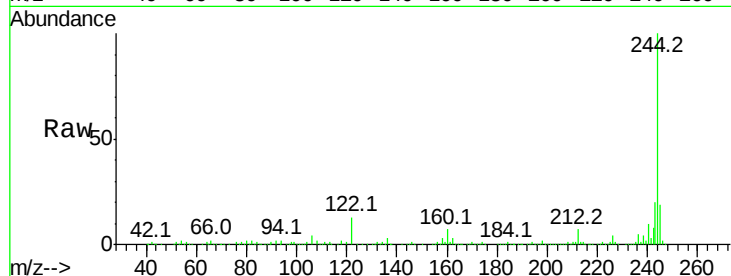




#78
 Terphenyl-d14
 Concen: 102.667 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 895967
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Tgt Ion:264 Resp: 198960
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.3 17.5 26.3

