

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099493.D
 Acq On : 14 Oct 2017 22:54
 Operator : SJ/JU
 Sample : I5776-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 23:38:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

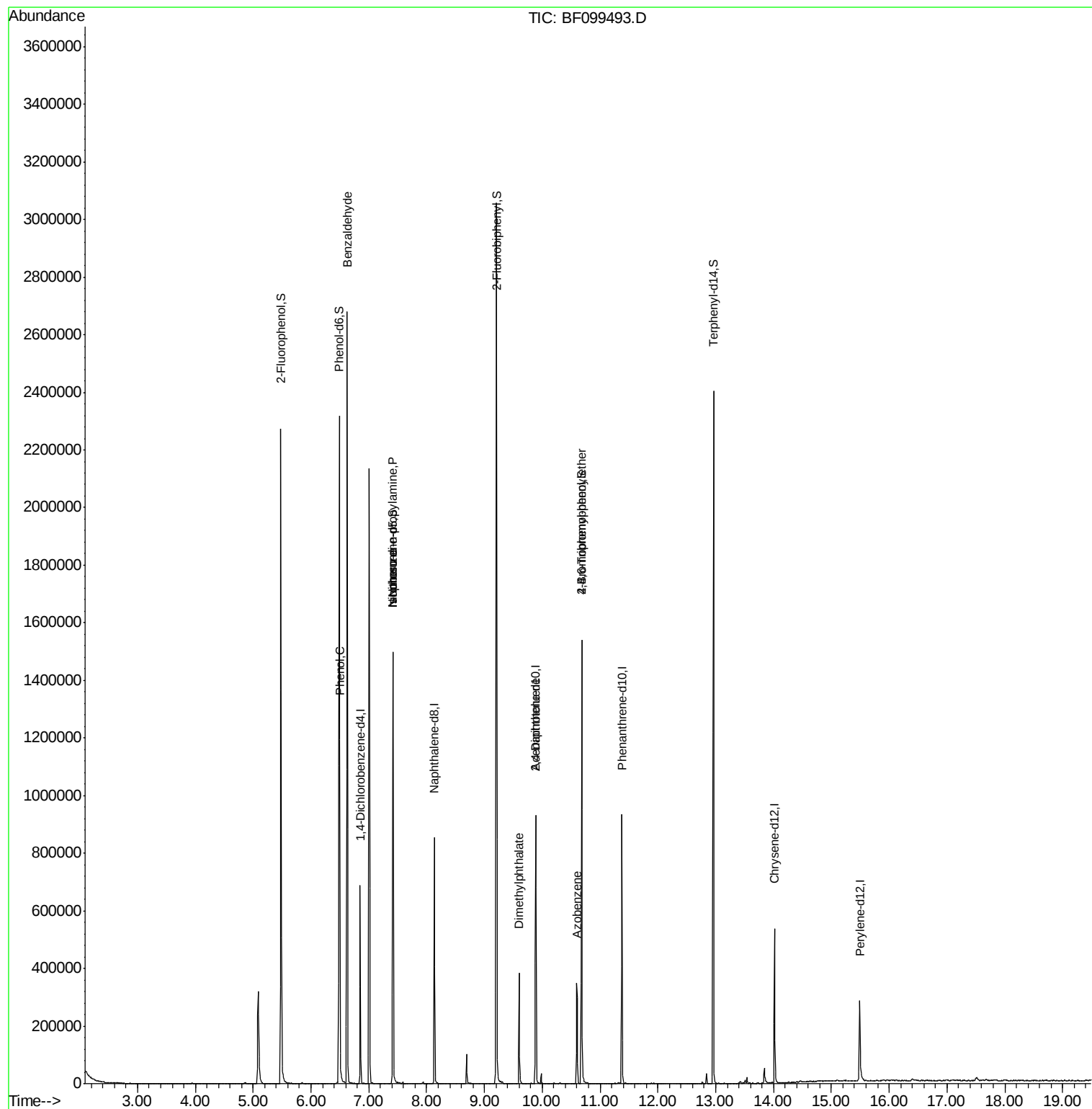
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96524	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	399156	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	181403	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	314834	20.00	ng	0.00
75) Chrysene-d12	14.02	240	186182	20.00	ng	0.00
86) Perylene-d12	15.49	264	142121	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	785267	129.51	ng	0.02
7) Phenol-d6	6.49	99	937499	125.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	563068	90.46	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	186954	125.95	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1034348	95.19	ng	0.00
78) Terphenyl-d14	12.96	244	833431	101.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	15994	3.686	ng	85
10) Phenol	6.50	94	69268	8.280	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	70775	14.820	ng	# 76
25) Isophorone	7.42	82	563060	43.755	ng	# 64
49) Dimethylphthalate	9.60	163	175611	12.826	ng	99
56) 2,4-Dinitrotoluene	9.89	165	23128	5.979	ng	# 22
62) Azobenzene	10.60	77	61786	5.023	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	12580	4.082	ng	# 1

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

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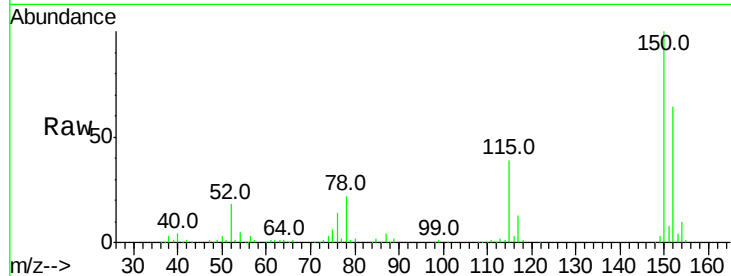


#1

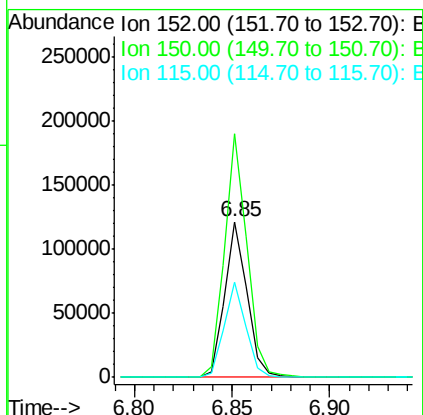
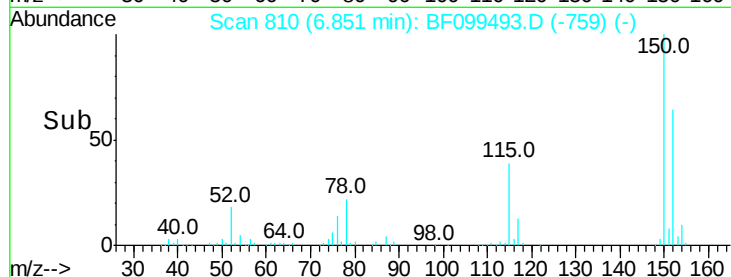
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099493.D
 Acq: 14 Oct 2017 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96524
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 60.8 50.1 75.1



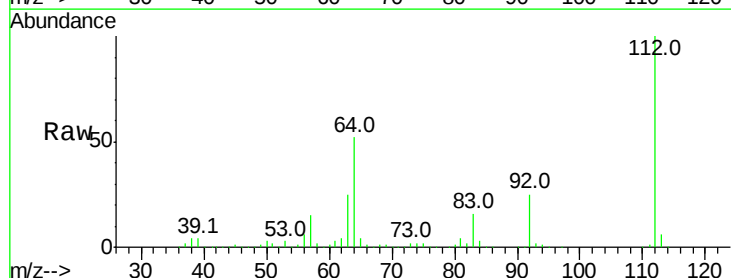
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



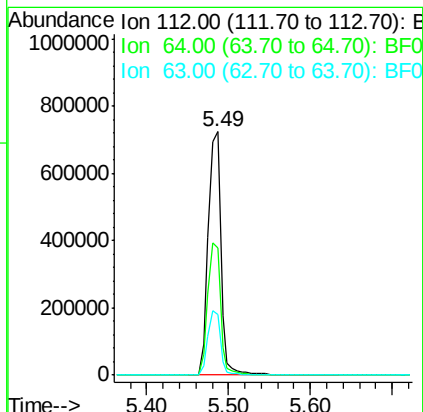
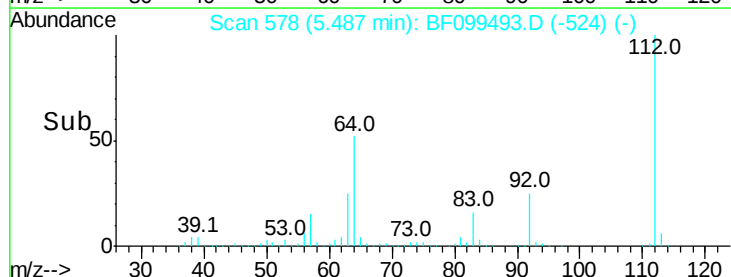
#5

2-Fluorophenol
 Concen: 129.508 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099493.D
 Acq: 14 Oct 2017 22:54

Tgt Ion:112 Resp: 785267
 Ion Ratio Lower Upper
 112 100
 64 52.3 47.9 71.9
 63 25.1 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: 125.335 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

Instrument :

BNA_F

ClientSampled :

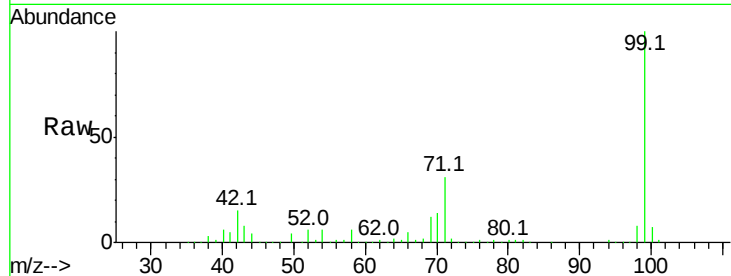
Tot Ion: 99 Resp: 937499

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

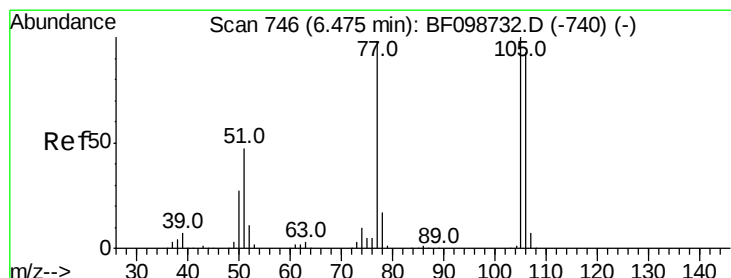
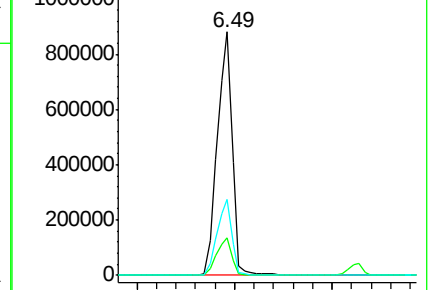
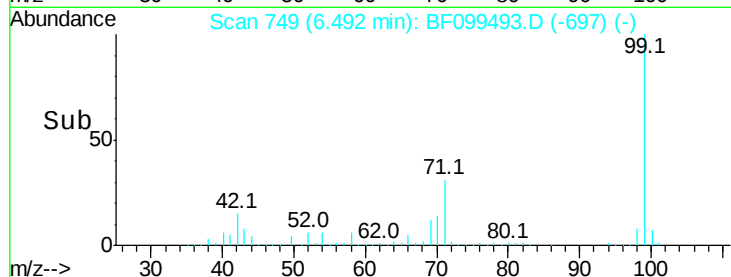
71 31.2 25.4 38.0



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: 3.686 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

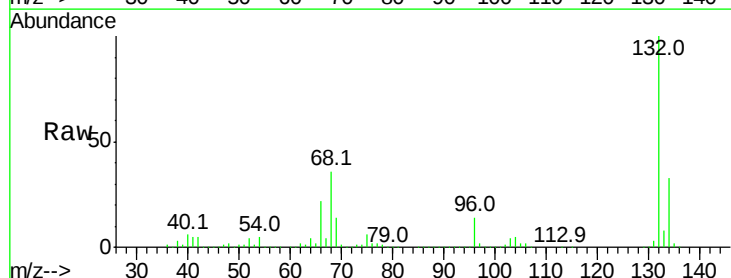
Tgt Ion: 77 Resp: 15994

Ion Ratio Lower Upper

77 100

105 86.8 81.1 121.1

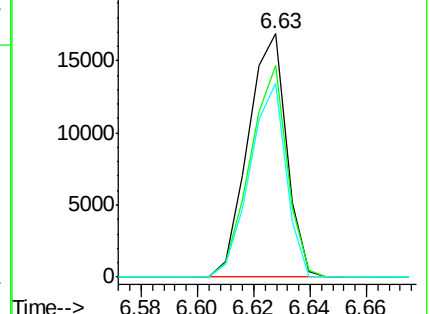
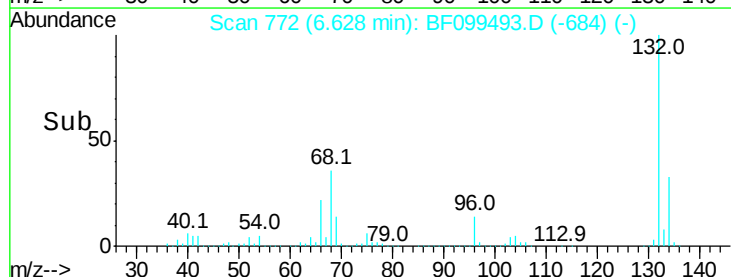
106 79.4 74.5 114.5

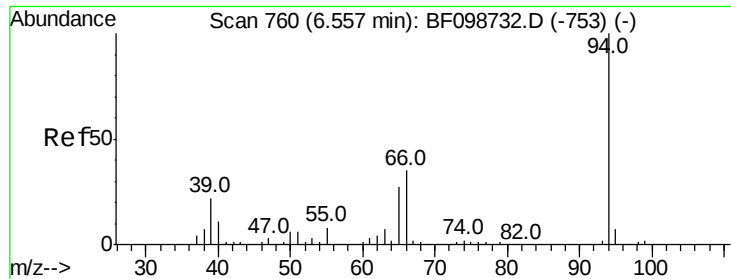


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

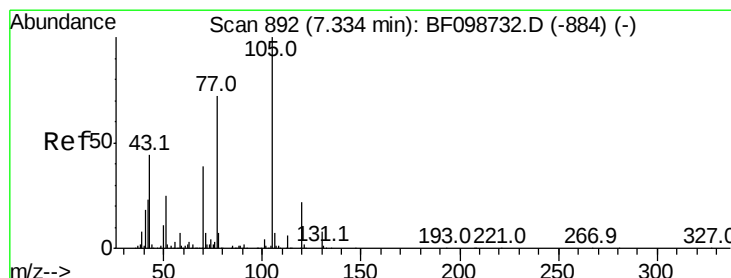
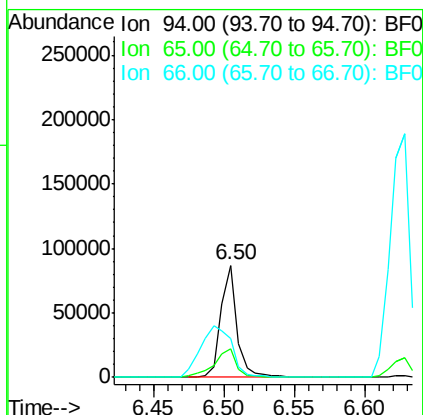
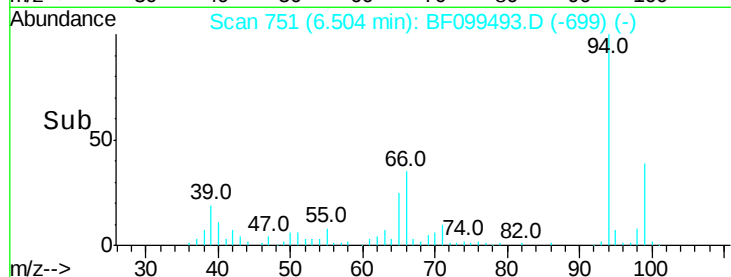
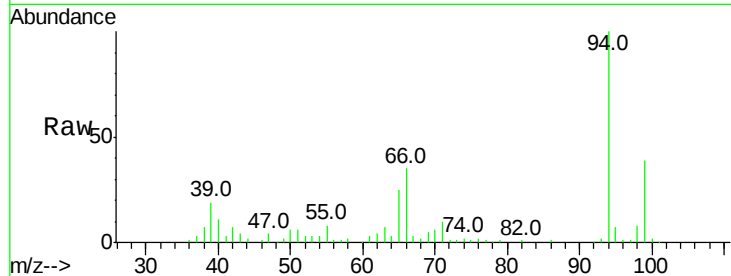




#10
Phenol
Concen: 8.280 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099493.D
Acq: 14 Oct 2017 22:54

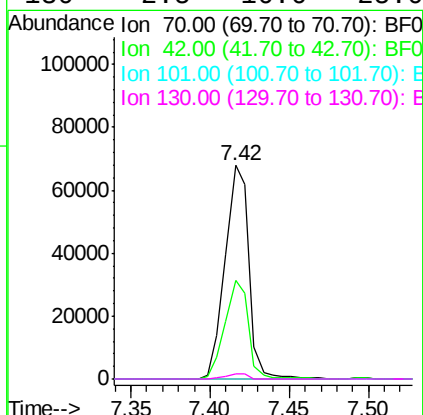
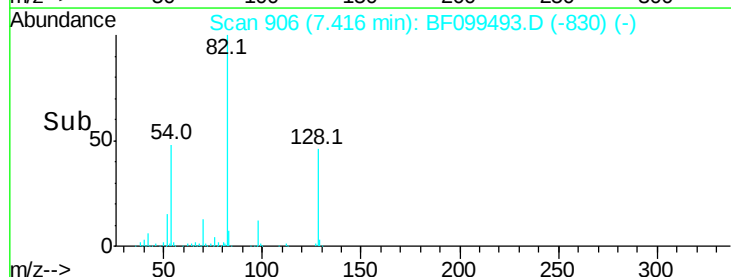
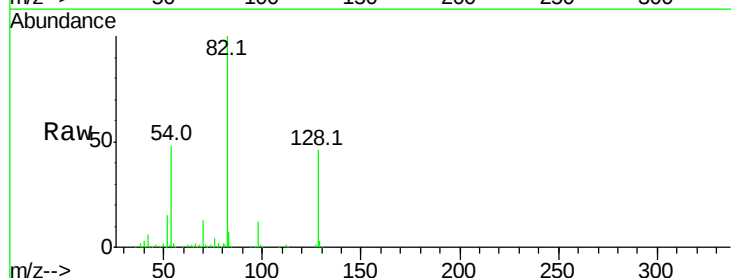
Instrument :
BNA_F
ClientSampleId :

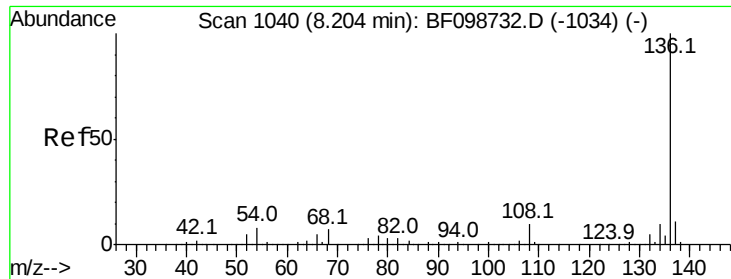
Tot Ion: 94 Resp: 69268
Ion Ratio Lower Upper
94 100
65 25.1 7.9 47.9
66 34.7 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.820 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099493.D
Acq: 14 Oct 2017 22:54

Tgt Ion: 70 Resp: 70775
Ion Ratio Lower Upper
70 100
42 46.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

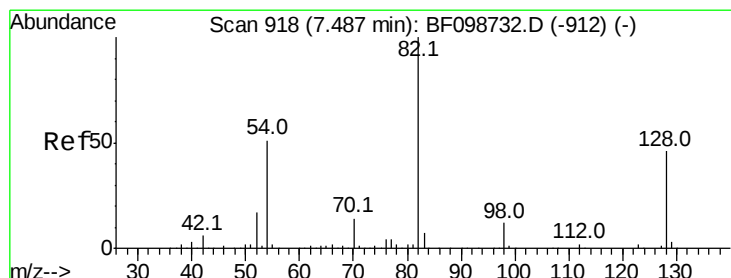
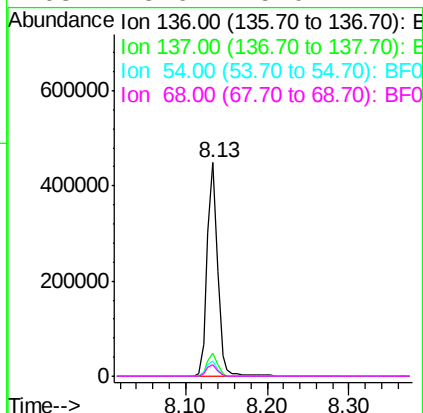
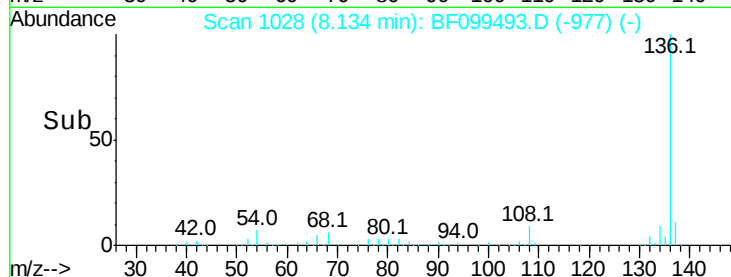
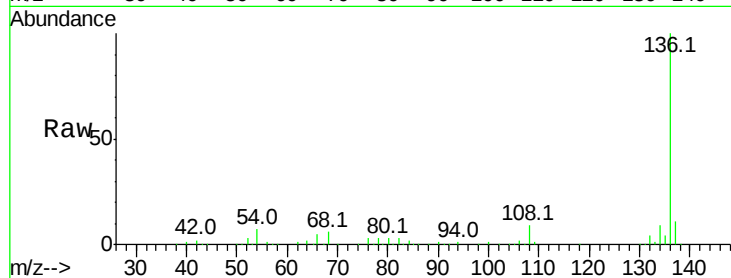




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099493.D
Acq: 14 Oct 2017 22:54

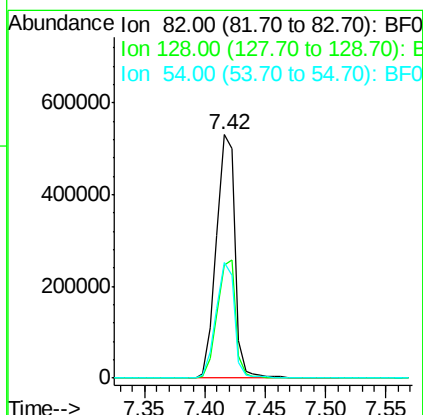
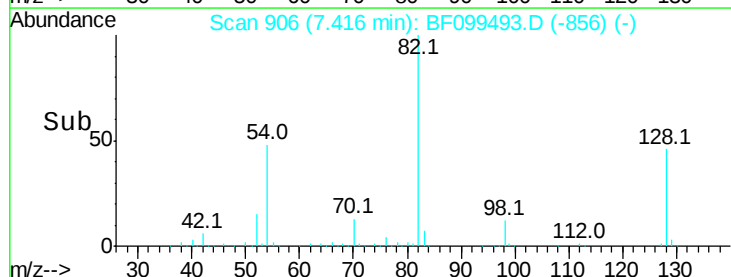
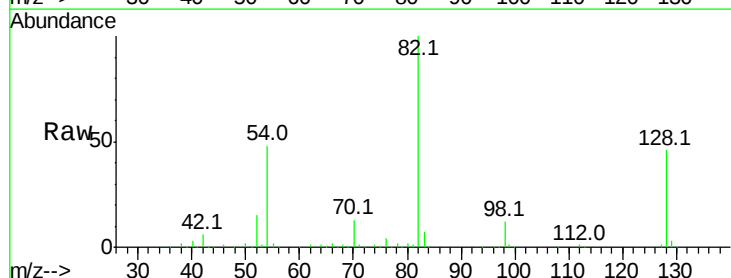
Instrument :
BNA_F
ClientSampleId :

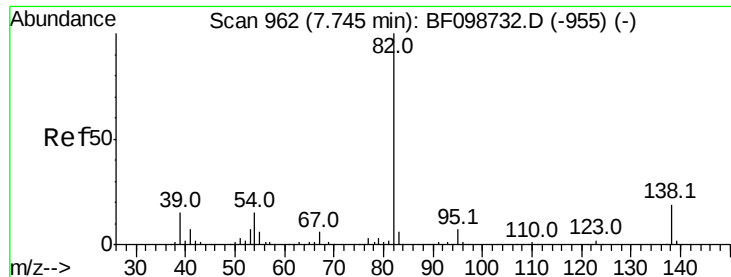
Tot Ion:	136	Resp:	399156
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.465 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099493.D
Acq: 14 Oct 2017 22:54

Tgt Ion:	82	Resp:	563068
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	47.5	41.4	62.2





#25

Isophorone

Concen: 43.755 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

Instrument :

BNA_F

ClientSampleId :

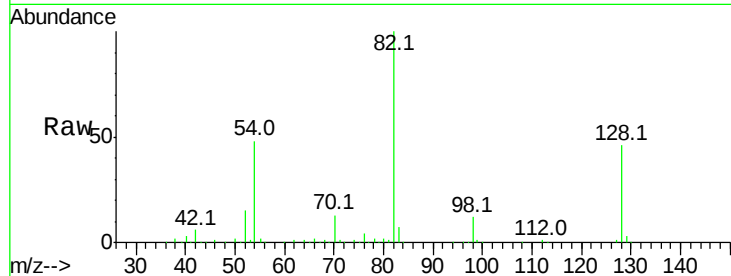
Tot Ion: 82 Resp: 563060

Ion Ratio Lower Upper

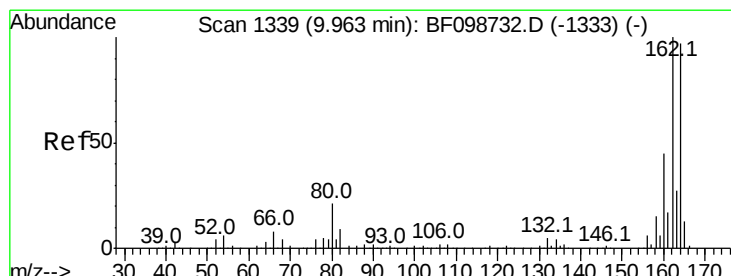
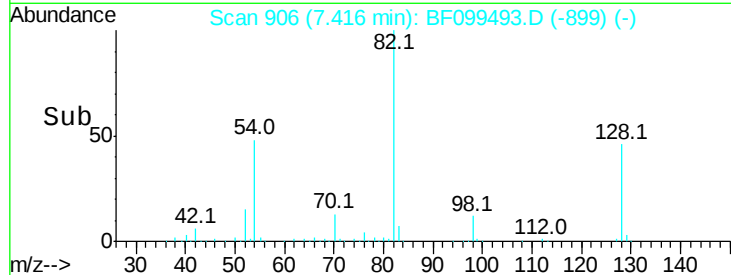
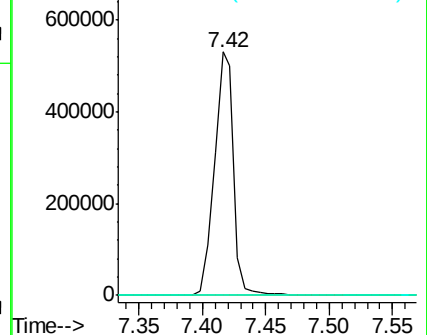
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

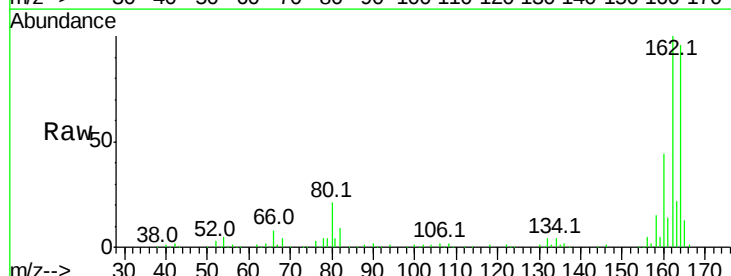
Tgt Ion:164 Resp: 181403

Ion Ratio Lower Upper

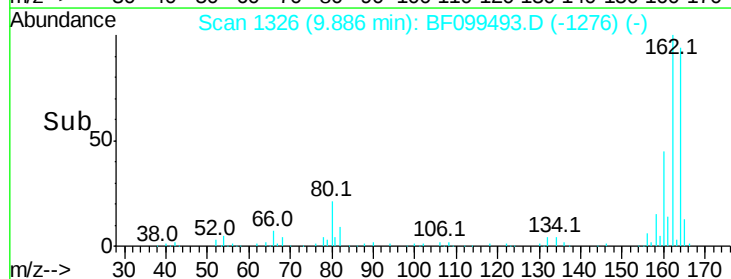
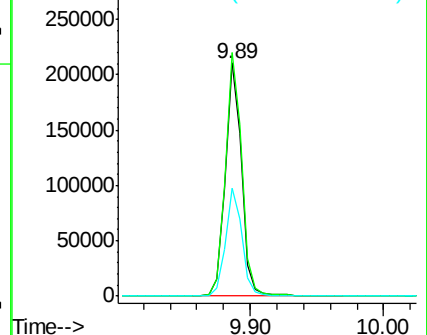
164 100

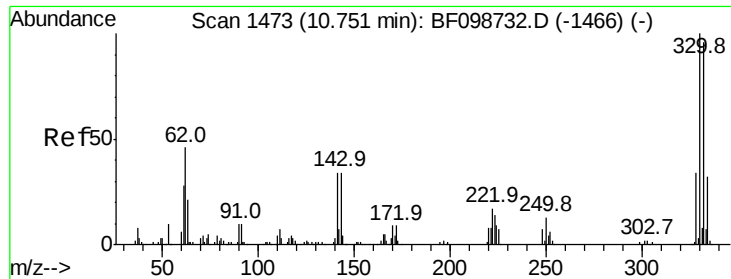
162 104.4 86.1 129.1

160 46.4 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

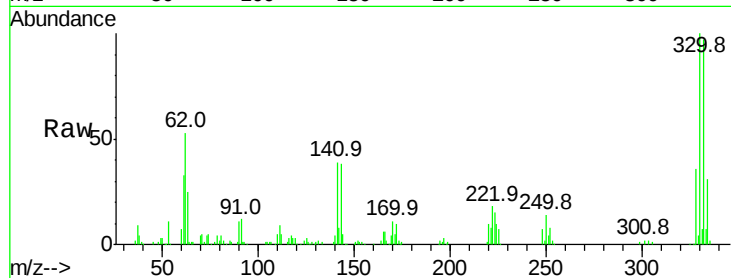




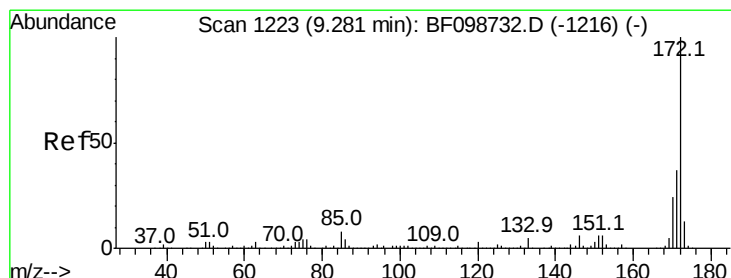
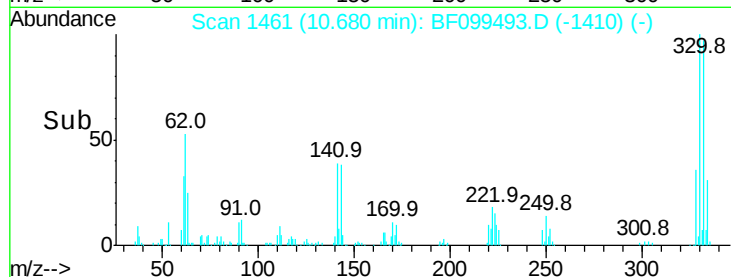
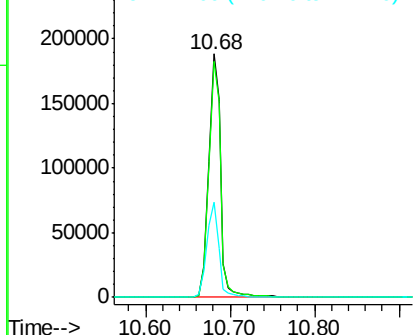
#41
 2,4,6-Tribromophenol
 Concen: 125.949 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099493.D
 Acq: 14 Oct 2017 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 186954
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 39.0 29.9 44.9

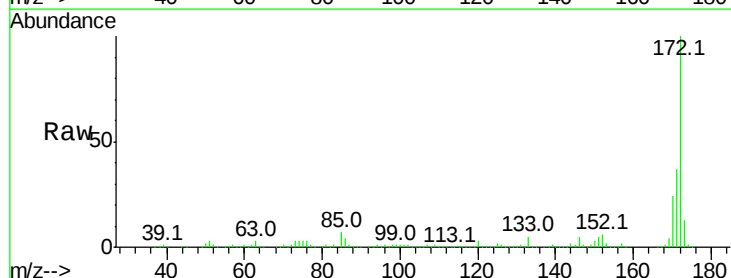


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

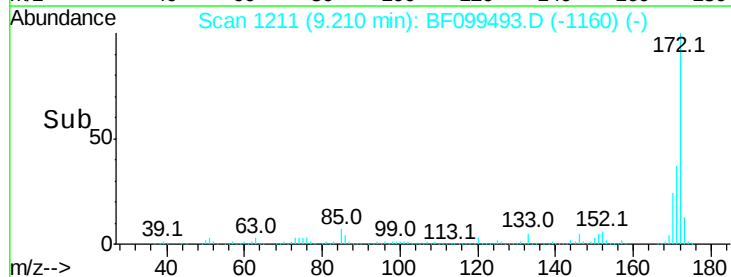
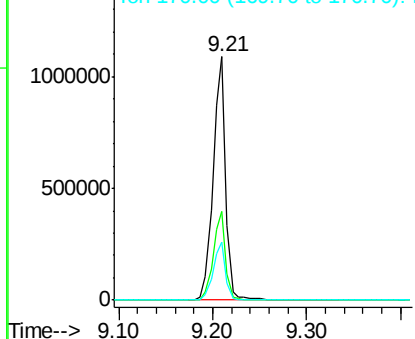


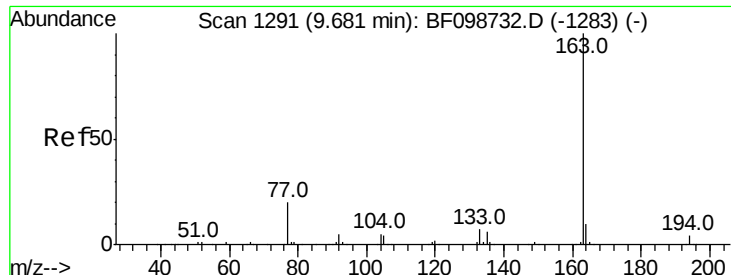
#44
 2-Fluorobiphenyl
 Concen: 95.189 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099493.D
 Acq: 14 Oct 2017 22:54

Tgt Ion:172 Resp: 1034348
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.8 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: 12.826 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

Instrument :

BNA_F

ClientSampleId :

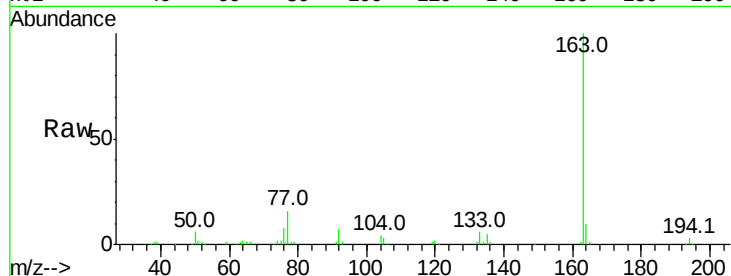
Tot Ion:163 Resp: 175611

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

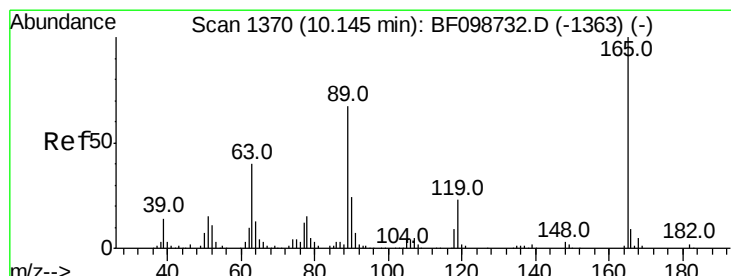
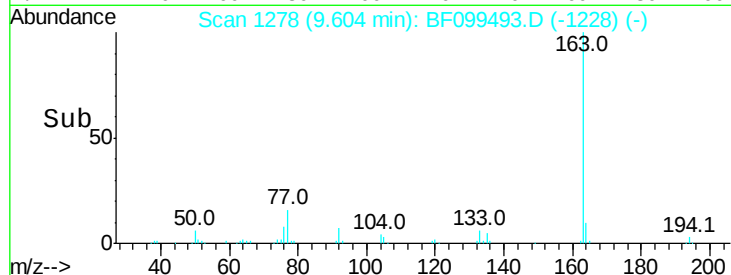
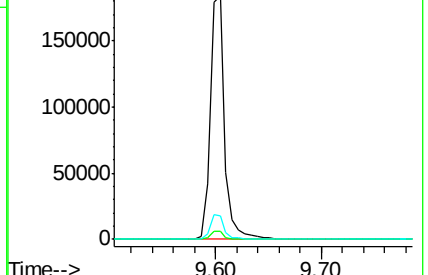
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.979 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

Tgt Ion:165 Resp: 23128

Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 0.0 57.8 86.6#

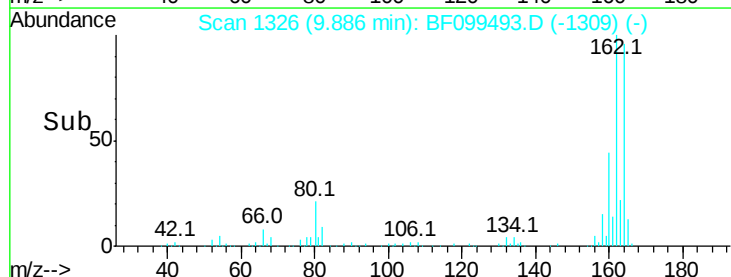
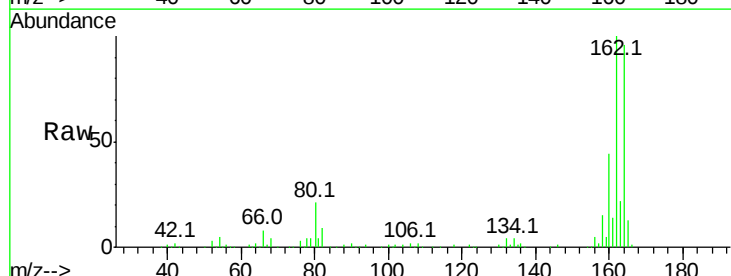
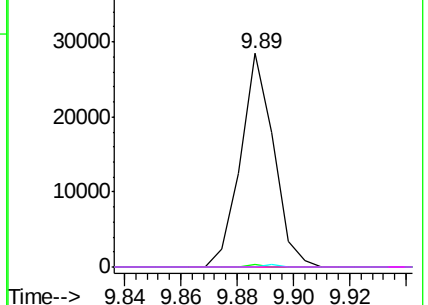
182 0.0 1.6 2.4#

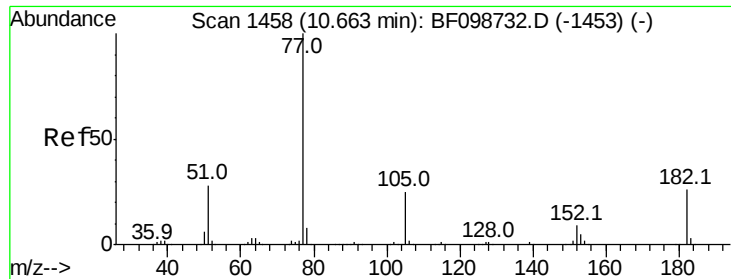
Abundance Ion 165.00 (164.70 to 165.70): E

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

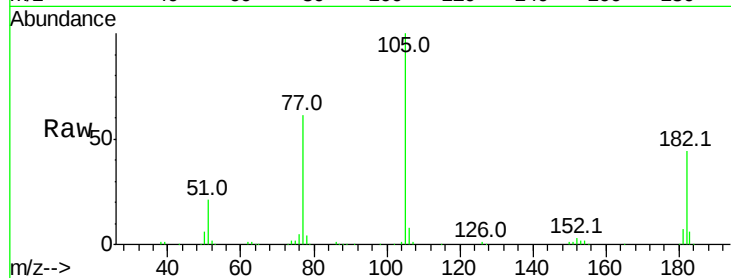




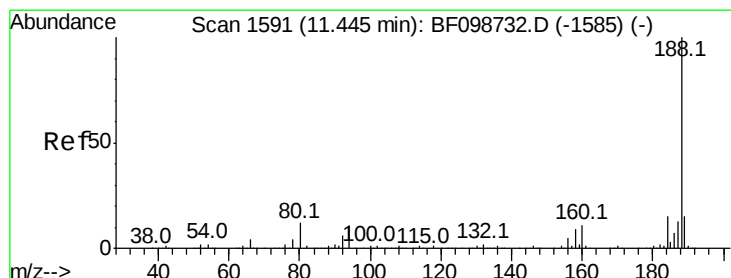
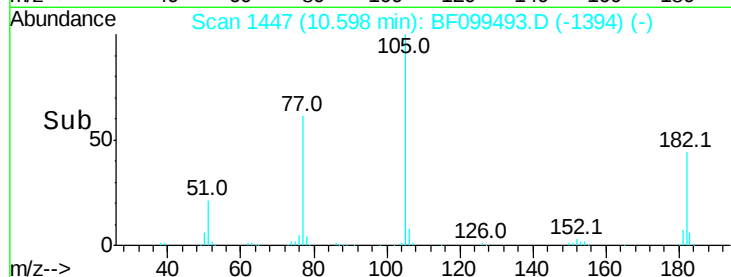
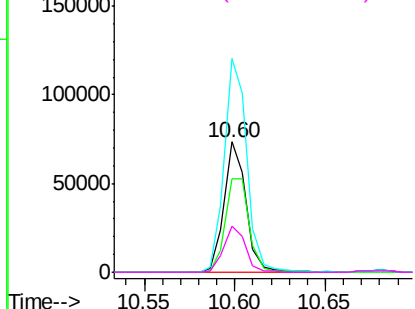
#62
Azobenzene
Concen: 5.023 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF099493.D
Acq: 14 Oct 2017 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 61786
Ion Ratio Lower Upper
77 100
182 71.7 1.7 41.7#
105 163.9 3.0 43.0#
51 35.1 9.9 49.9

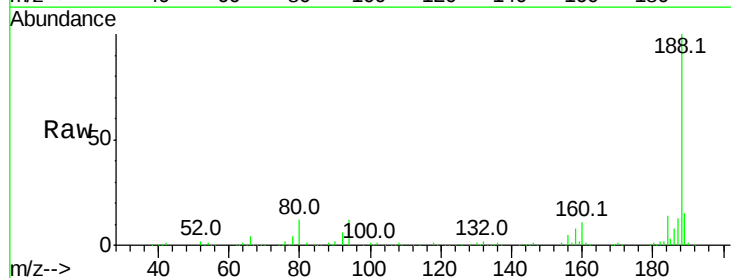


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

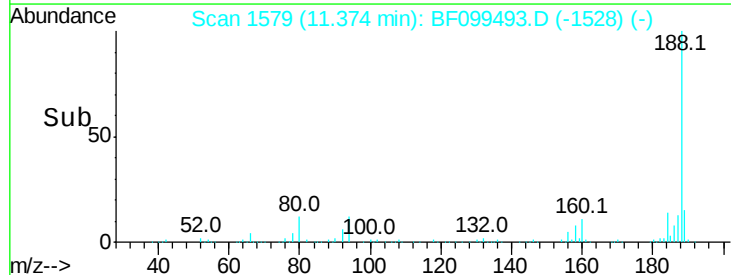
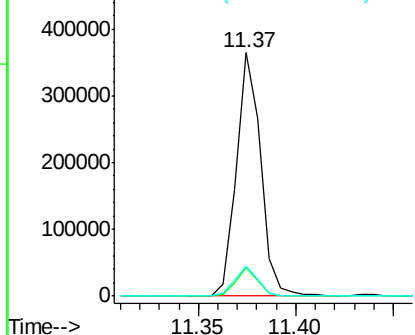


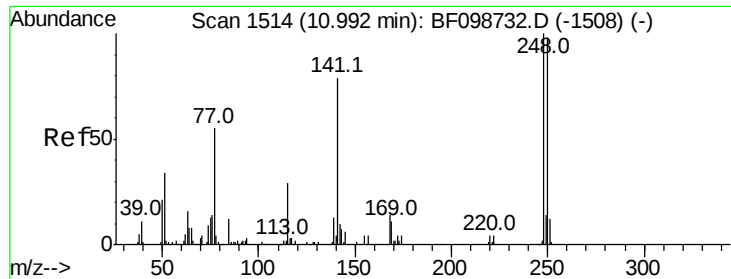
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099493.D
Acq: 14 Oct 2017 22:54

Tgt Ion: 188 Resp: 314834
Ion Ratio Lower Upper
188 100
94 11.9 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

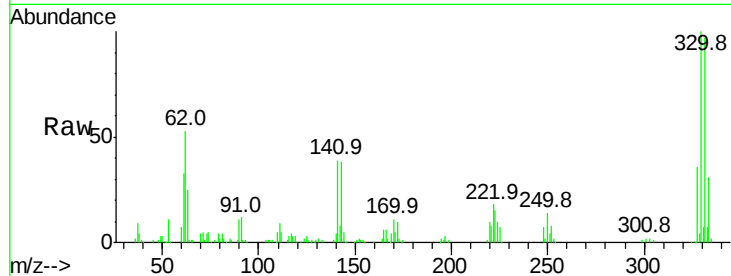




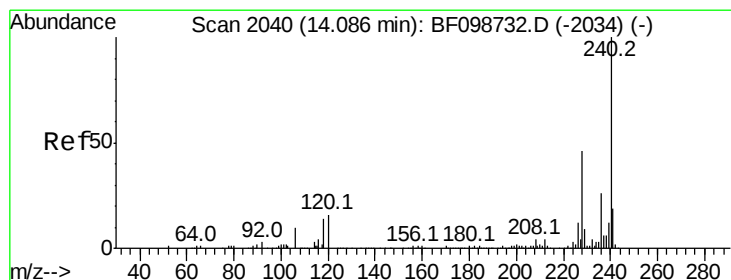
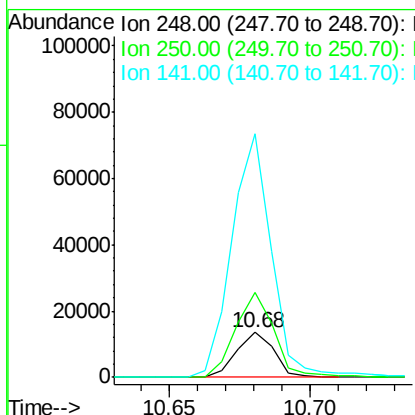
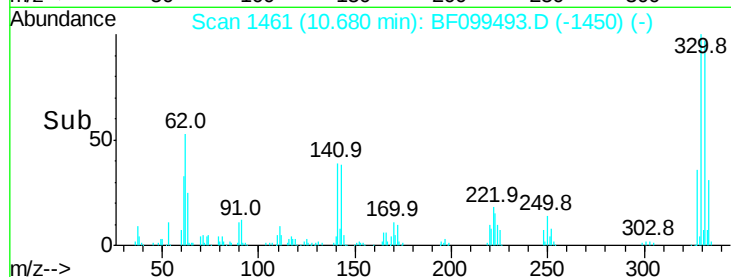
#66
 4-Bromophenyl-phenylether
 Concen: 4.082 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099493.D
 Acq: 14 Oct 2017 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12580
 Ion Ratio Lower Upper
 248 100
 250 190.0 76.9 115.3#
 141 544.6 74.4 111.6#

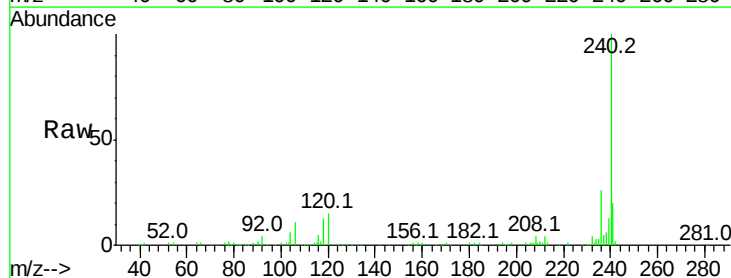


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

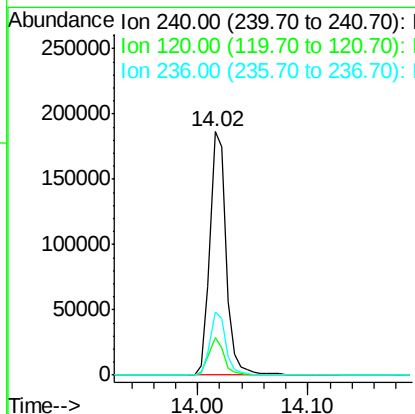
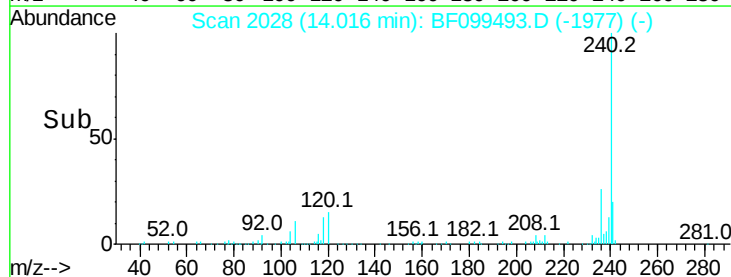


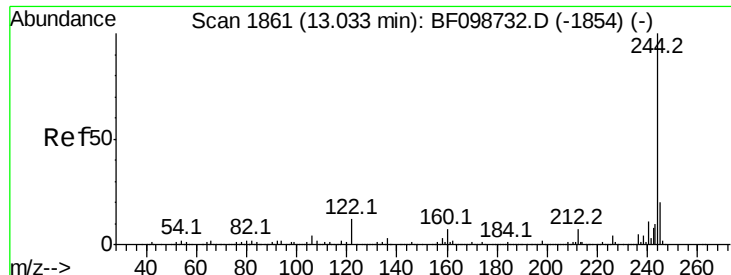
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099493.D
 Acq: 14 Oct 2017 22:54

Tgt Ion:240 Resp: 186182
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 25.8 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: 101.803 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

Instrument :

BNA_F

ClientSampleId :

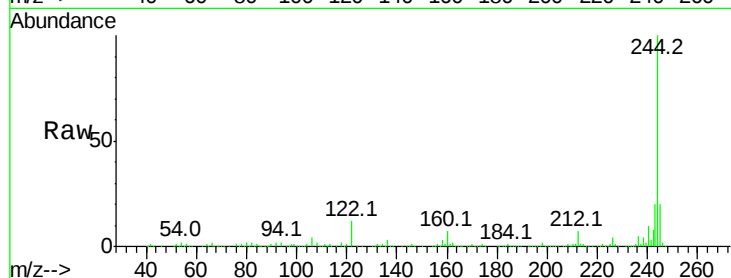
Tot Ion:244 Resp: 833431

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

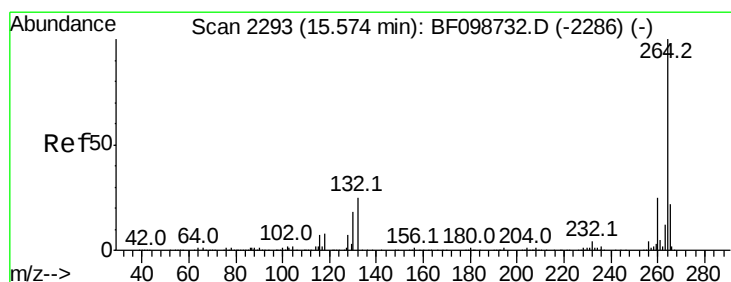
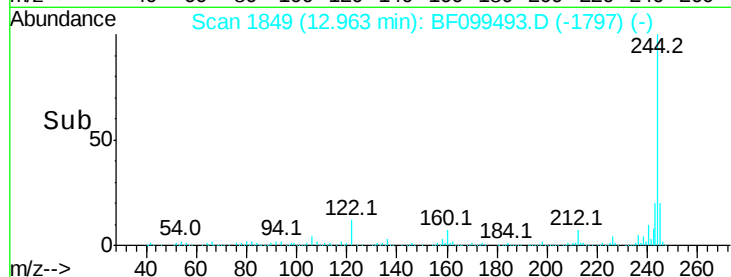
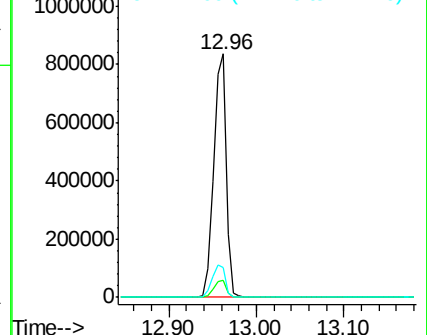
122 12.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099493.D

Acq: 14 Oct 2017 22:54

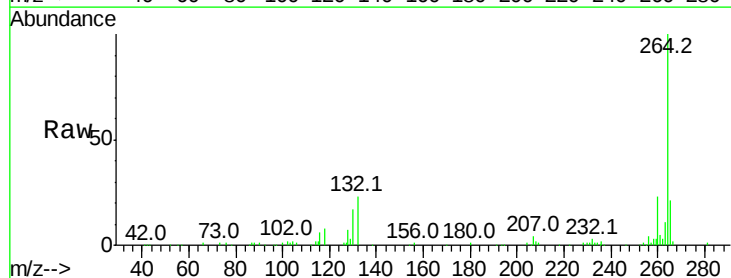
Tgt Ion:264 Resp: 142121

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 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

