

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099490.D
 Acq On : 14 Oct 2017 21:30
 Operator : SJ/JU
 Sample : I5776-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:10:25 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

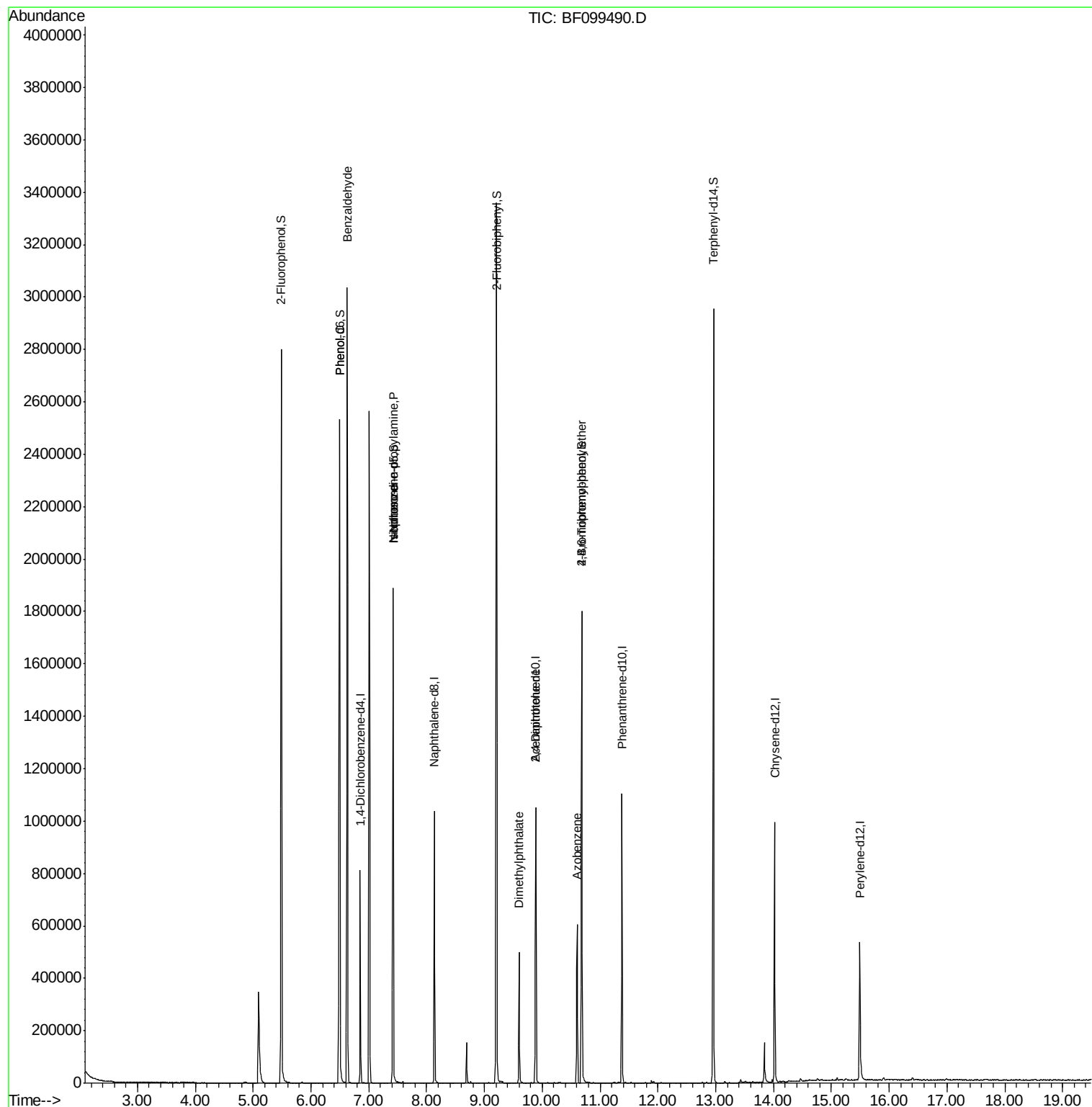
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114072	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	464263	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	215766	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	399938	20.00	ng	0.00
75) Chrysene-d12	14.02	240	326803	20.00	ng	0.00
86) Perylene-d12	15.49	264	249708	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	963192	134.42	ng	0.02
7) Phenol-d6	6.50	99	1163997	131.68	ng	0.01
23) Nitrobenzene-d5	7.42	82	694800	95.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	258568	146.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1173134	90.77	ng	0.00
78) Terphenyl-d14	12.96	244	1089242	75.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18153	3.540	ng	90
10) Phenol	6.50	94	83622	8.458	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	87981	15.589	ng	# 73
25) Isophorone	7.42	82	694792	46.420	ng	# 64
49) Dimethylphthalate	9.60	163	231294	14.203	ng	98
56) 2,4-Dinitrotoluene	9.89	165	27267	5.926	ng	# 23
62) Azobenzene	10.60	77	104197	7.122	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	17146	4.380	ng	# 1

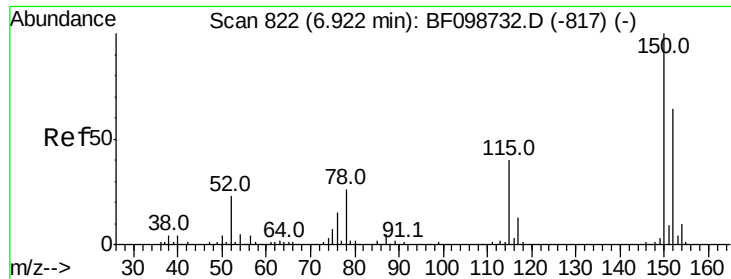
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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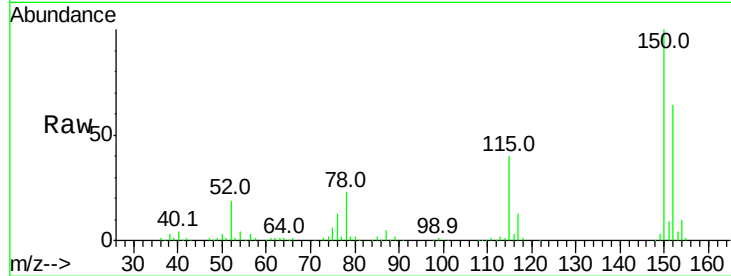


#1

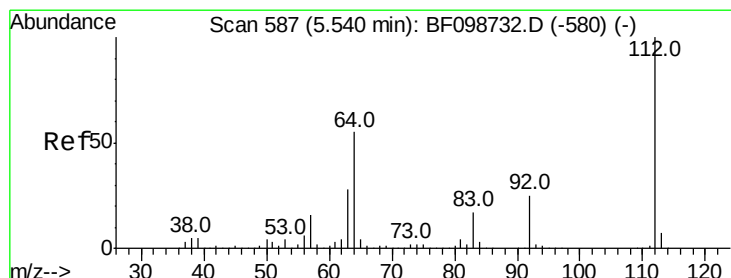
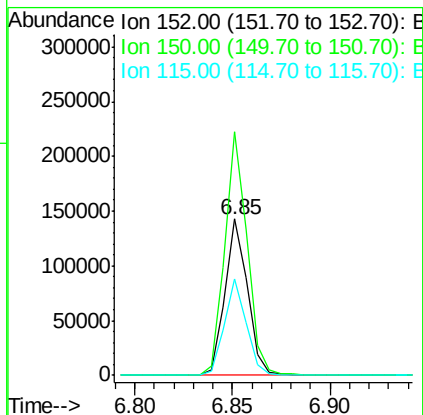
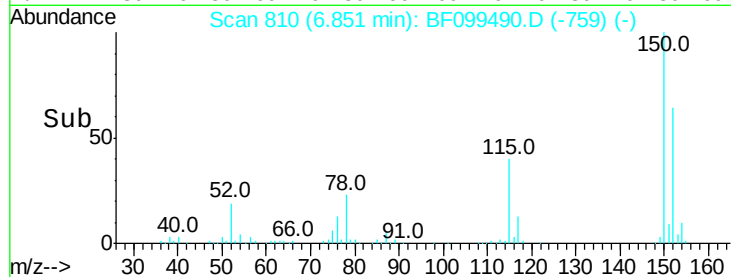
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099490.D
 Acq: 14 Oct 2017 21:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 114072
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 61.8 50.1 75.1



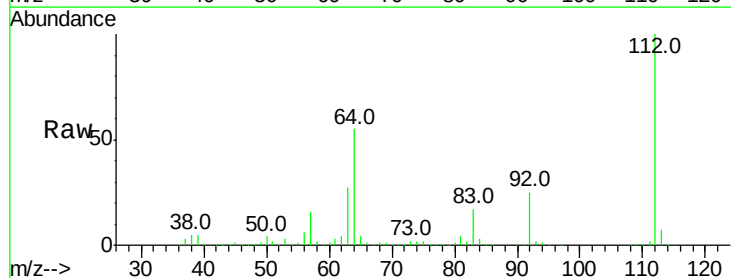
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



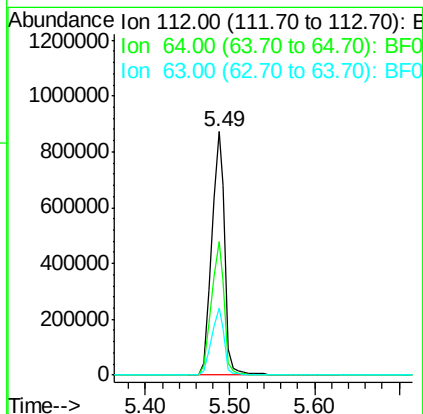
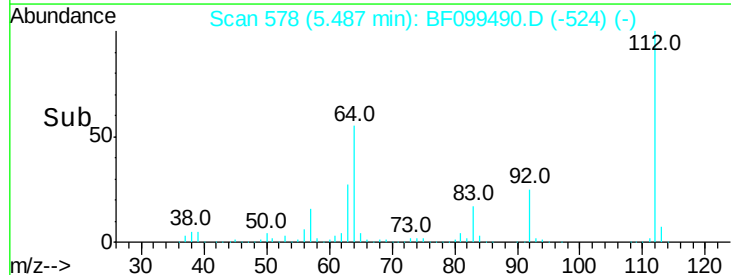
#5

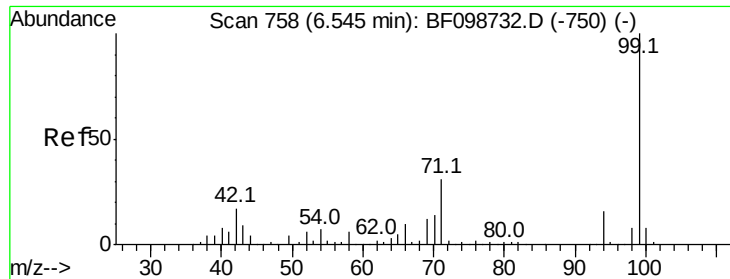
2-Fluorophenol
 Concen: 134.416 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099490.D
 Acq: 14 Oct 2017 21:30

Tgt Ion:112 Resp: 963192
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.9 71.9
 63 27.3 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: 131.677 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

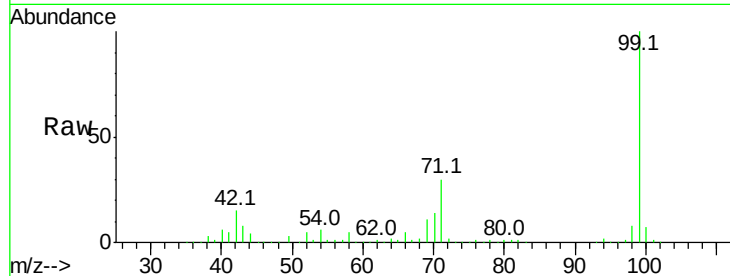
Tot Ion: 99 Resp: 1163997

Ion Ratio Lower Upper

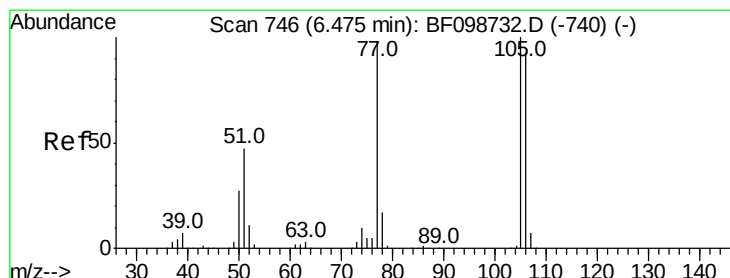
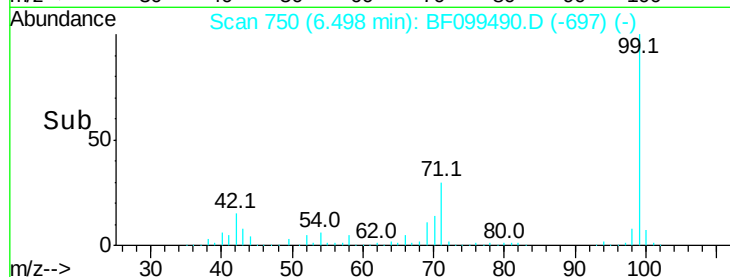
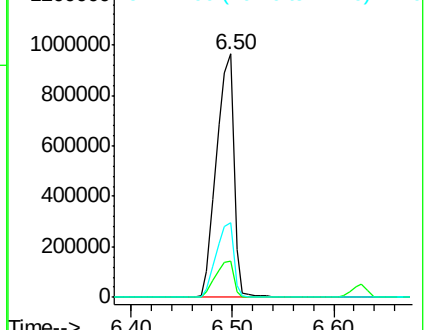
99 100

42 14.7 14.5 21.7

71 30.5 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: 3.540 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

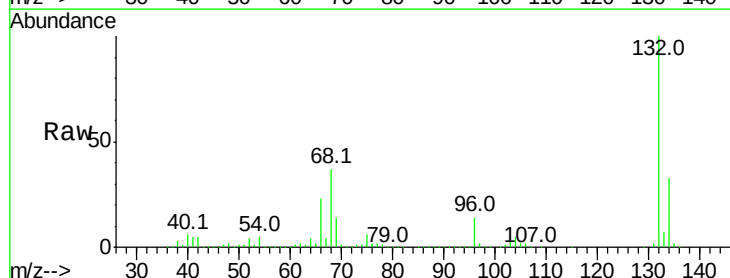
Tgt Ion: 77 Resp: 18153

Ion Ratio Lower Upper

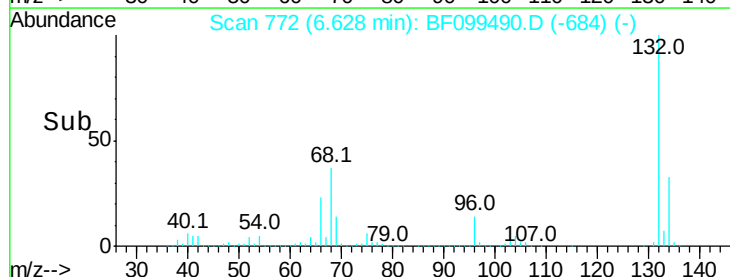
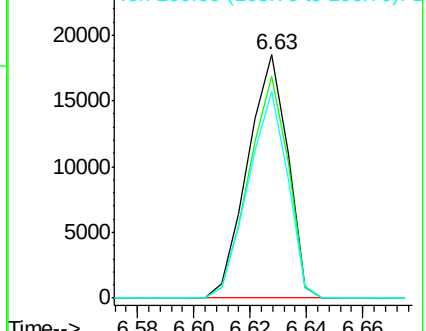
77 100

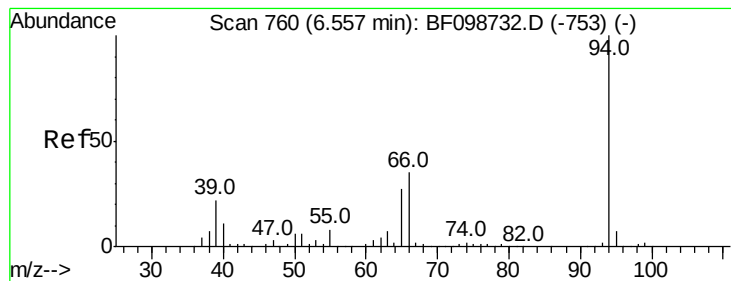
105 90.9 81.1 121.1

106 84.9 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





#10

Phenol

Concen: 8.458 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

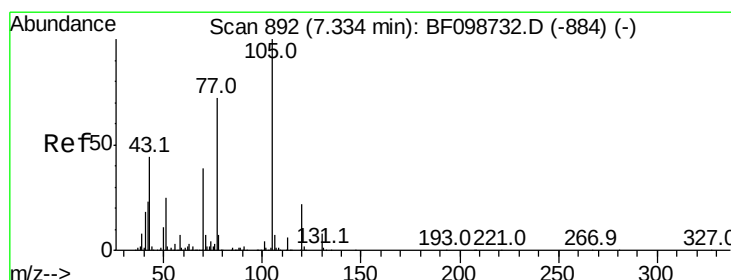
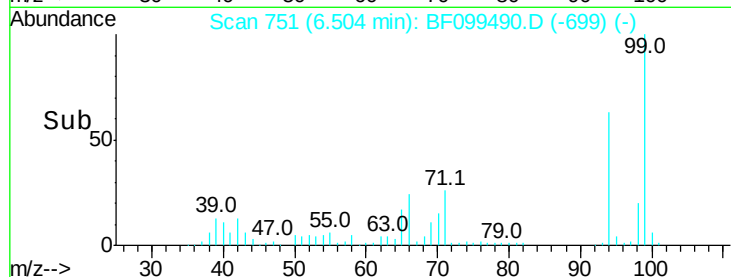
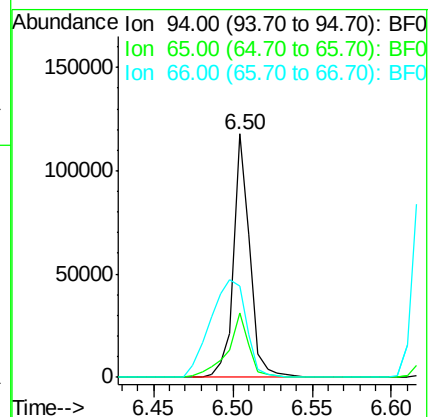
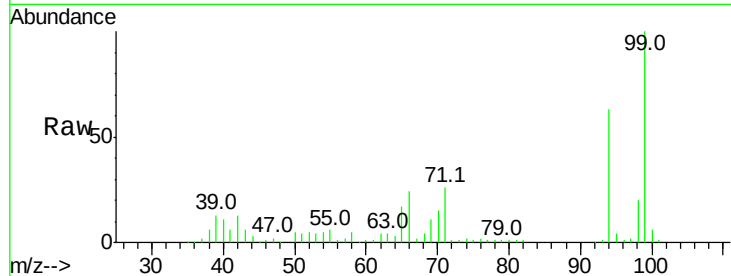
Tot Ion: 94 Resp: 83622

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

66 37.6 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.589 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Tgt Ion: 70 Resp: 87981

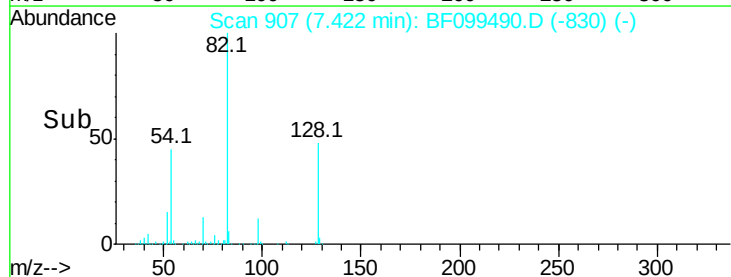
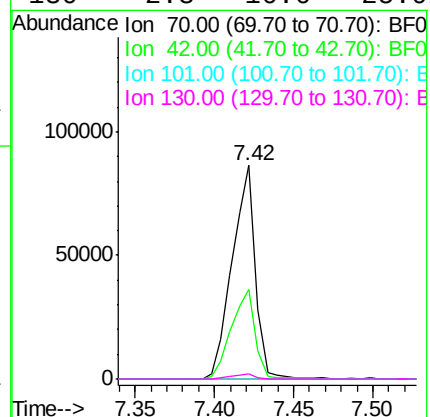
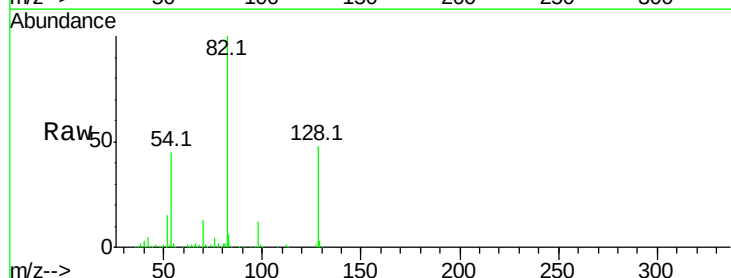
Ion Ratio Lower Upper

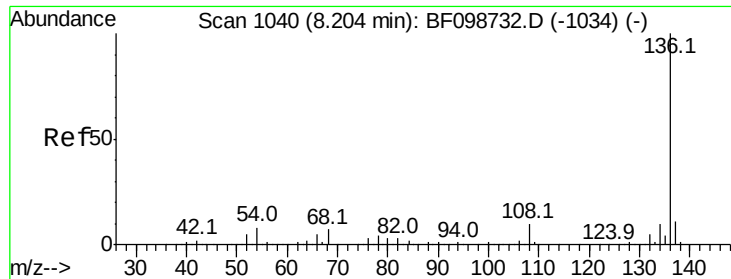
70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

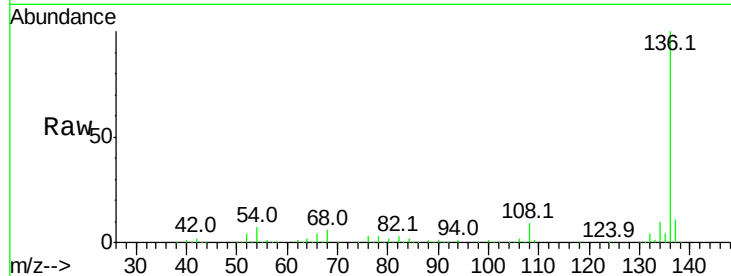




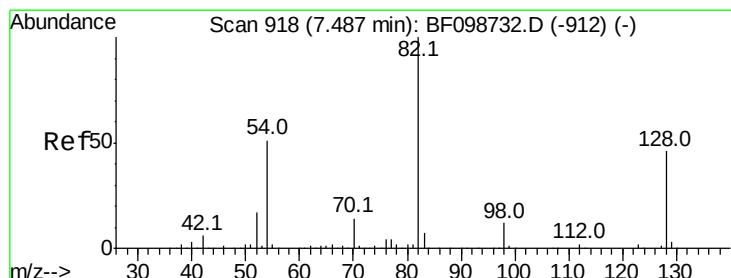
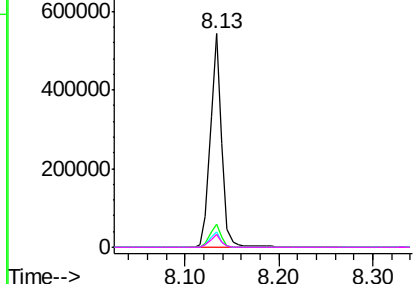
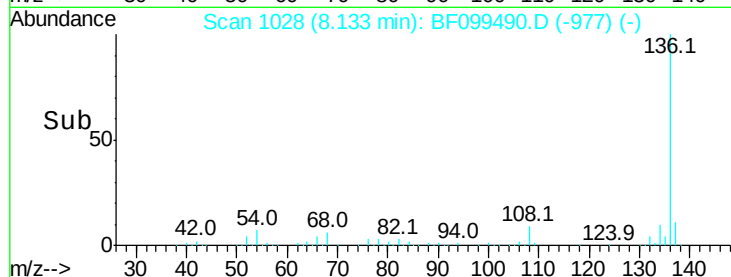
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	464263
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

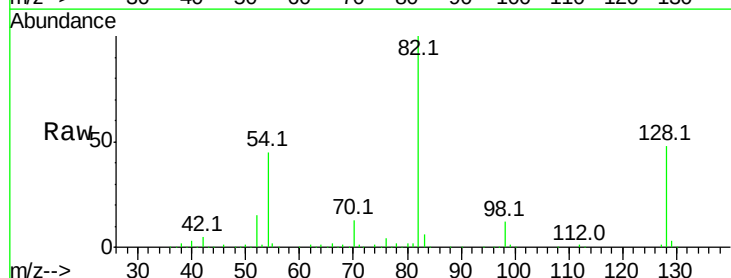


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

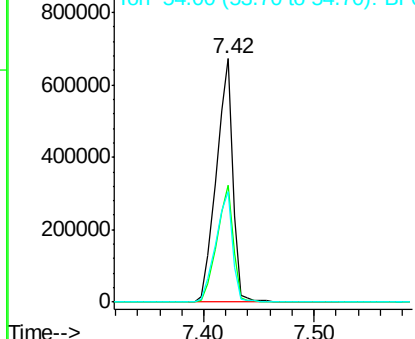
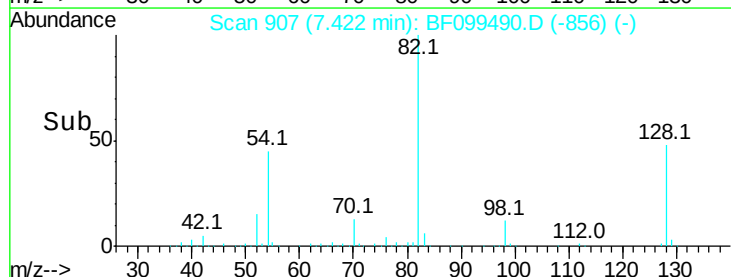


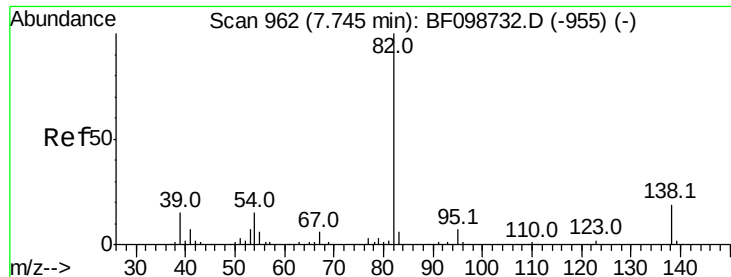
#23
Nitrobenzene-d5
Concen: 95.975 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Tgt Ion:	82	Resp:	694800
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	45.5	41.4	62.2



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





#25

Isophorone

Concen: 46.420 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

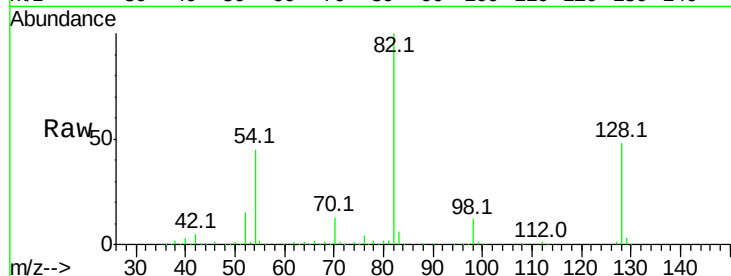
Tot Ion: 82 Resp: 694792

Ion Ratio Lower Upper

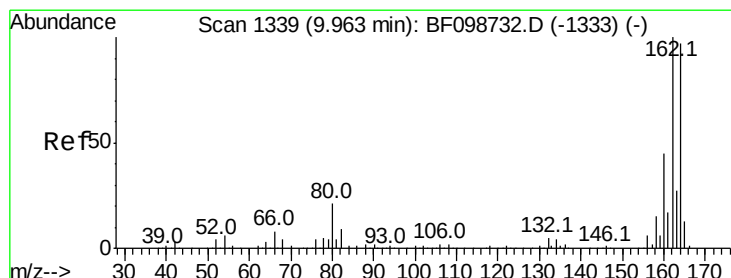
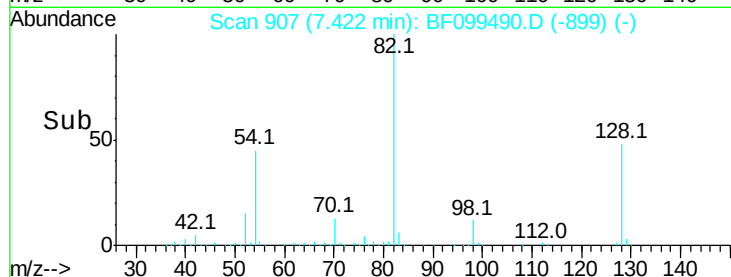
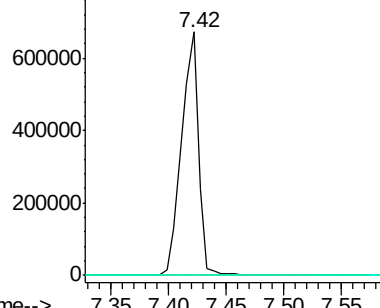
82 100

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: BF099490.D

Acq: 14 Oct 2017 21:30

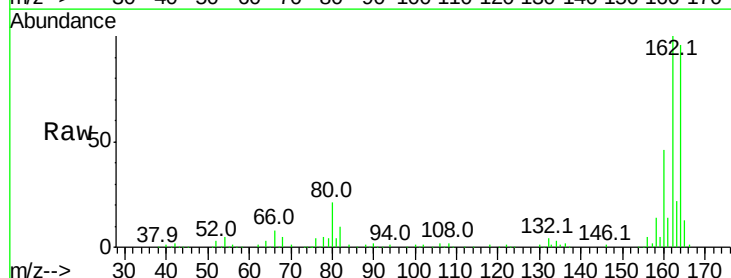
Tgt Ion:164 Resp: 215766

Ion Ratio Lower Upper

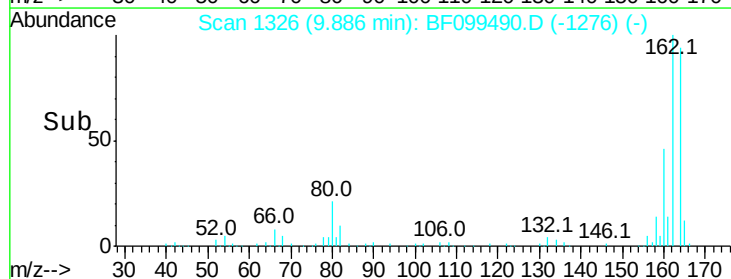
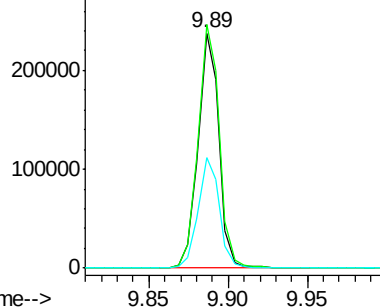
164 100

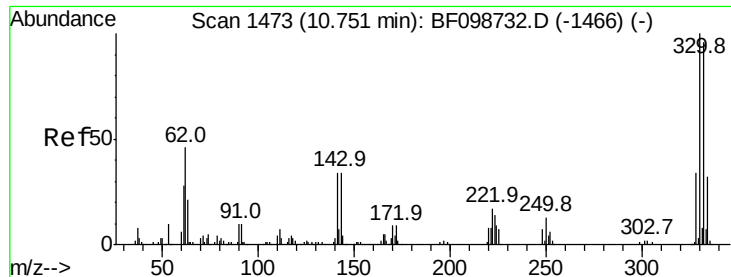
162 103.7 86.1 129.1

160 47.3 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

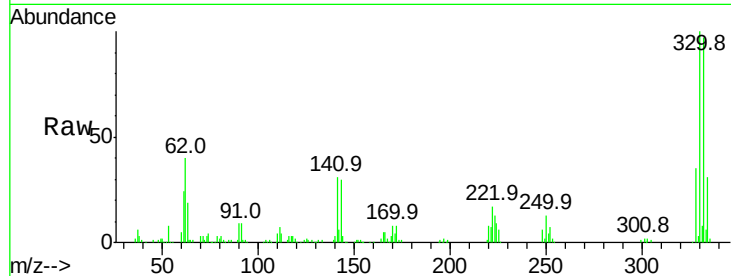




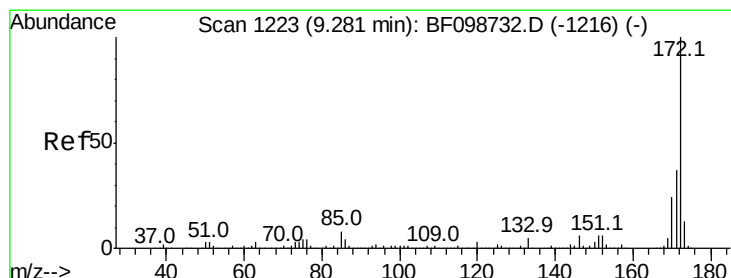
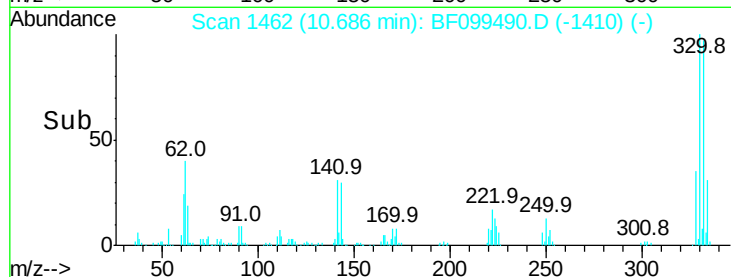
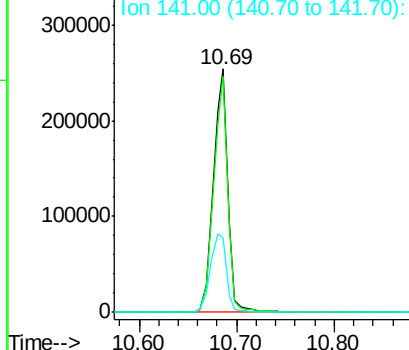
#41
 2,4,6-Tribromophenol
 Concen: 146.452 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099490.D
 Acq: 14 Oct 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 258568
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.0 29.9 44.9

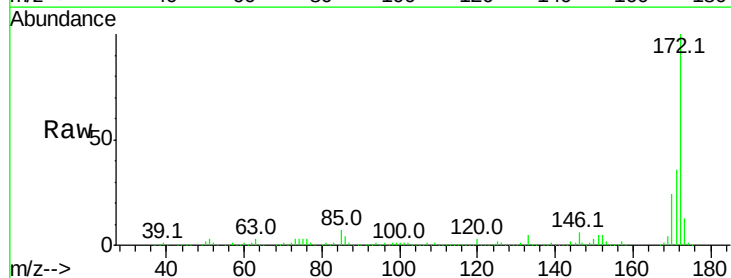


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

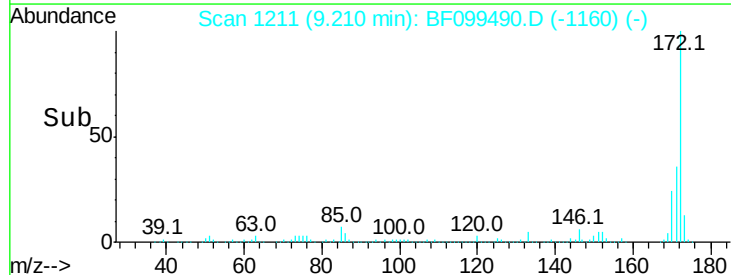
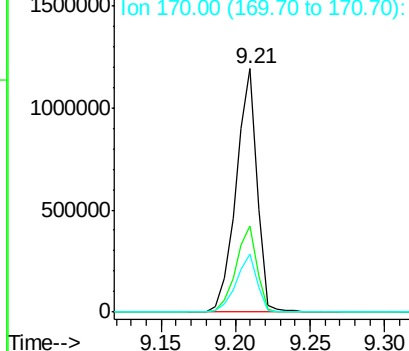


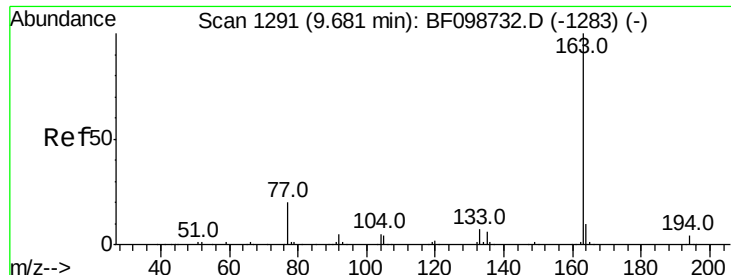
#44
 2-Fluorobiphenyl
 Concen: 90.767 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099490.D
 Acq: 14 Oct 2017 21:30

Tgt Ion:172 Resp: 1173134
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.6 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

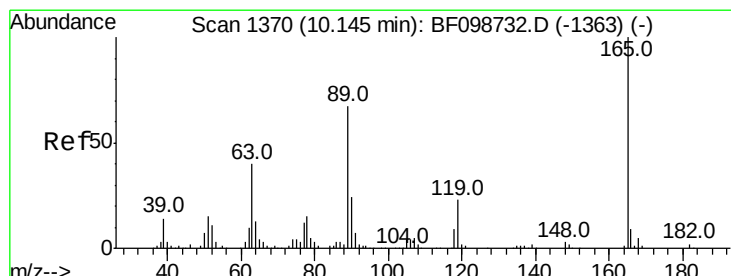
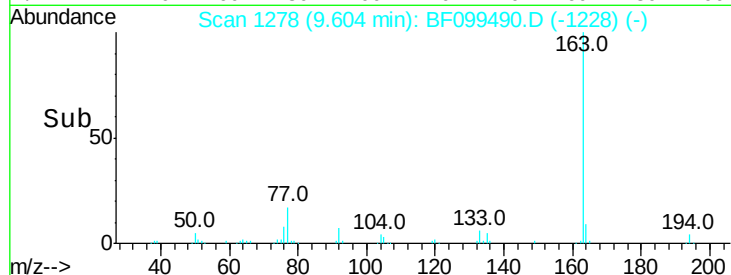
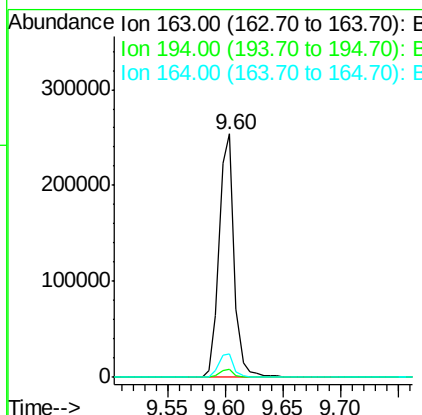
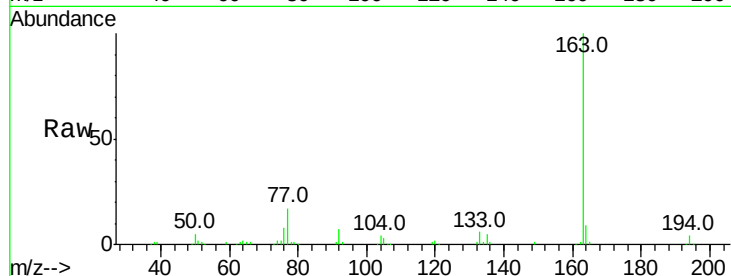




#49
Dimethylphthalate
Concen: 14.203 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

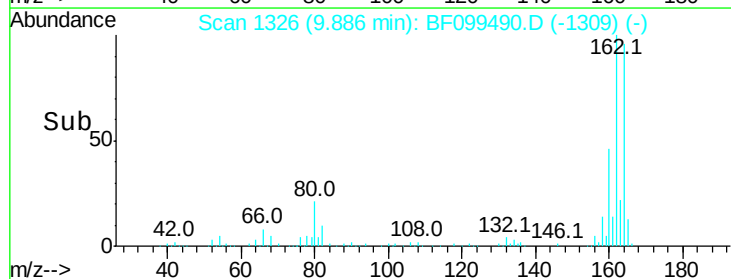
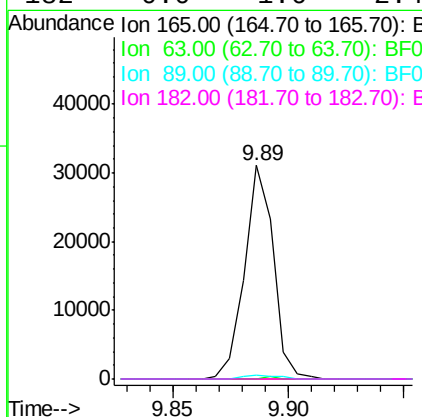
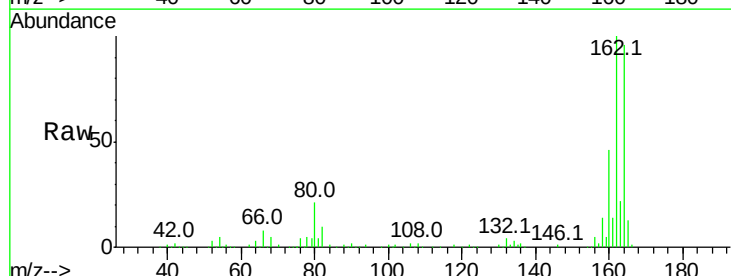
Instrument :
BNA_F
ClientSampleId :

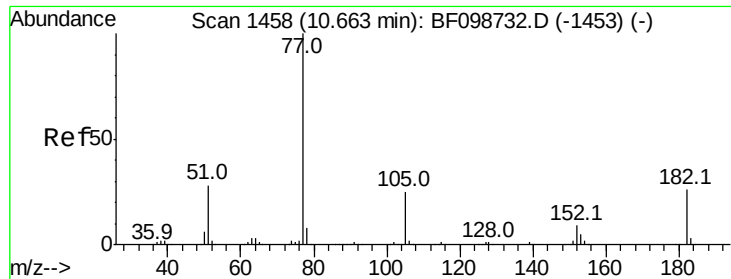
Tot Ion:163 Resp: 231294
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Tgt Ion:165 Resp: 27267
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#

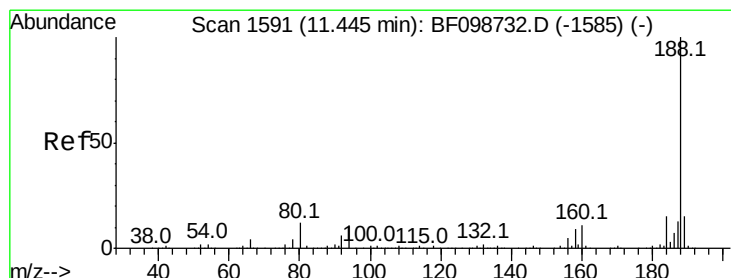
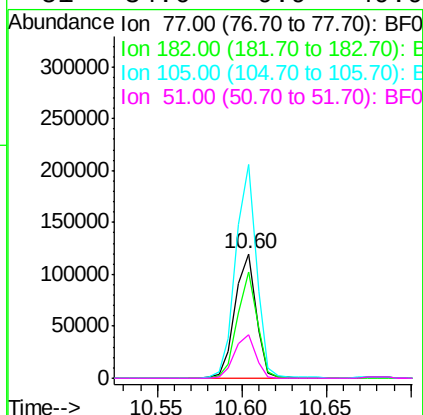
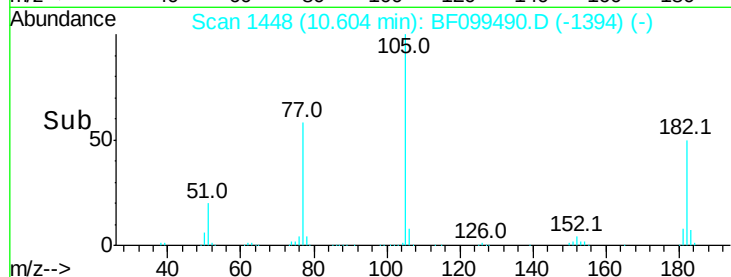
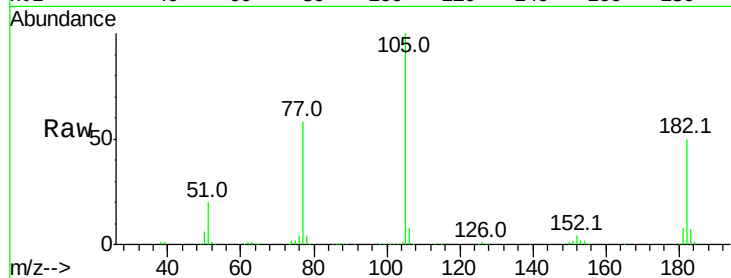




#62
Azobenzene
Concen: 7.122 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

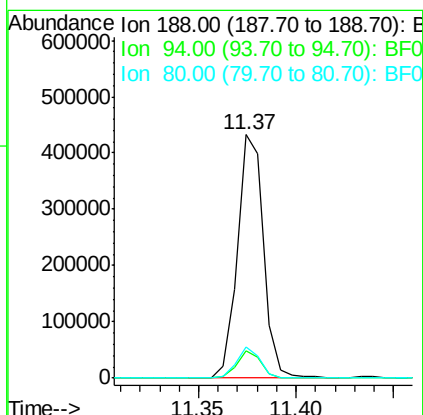
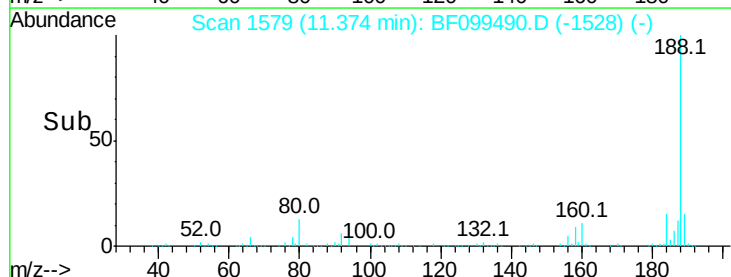
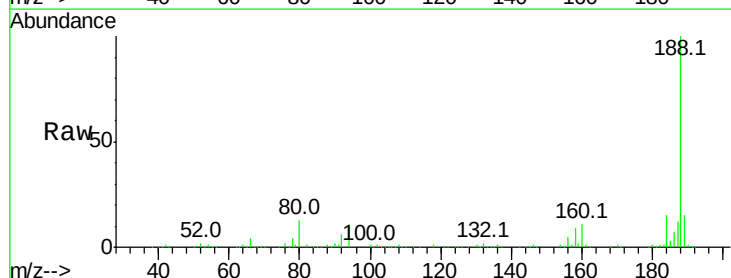
Instrument :
BNA_F
ClientSampleId :

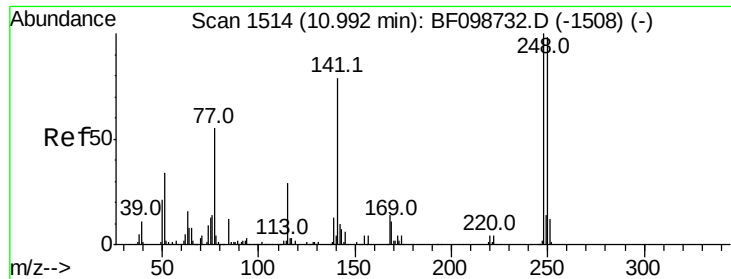
Tot Ion: 77 Resp: 104197
Ion Ratio Lower Upper
77 100
182 85.3 1.7 41.7#
105 171.8 3.0 43.0#
51 34.6 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099490.D
Acq: 14 Oct 2017 21:30

Tgt Ion: 188 Resp: 399938
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.7 9.2 13.8

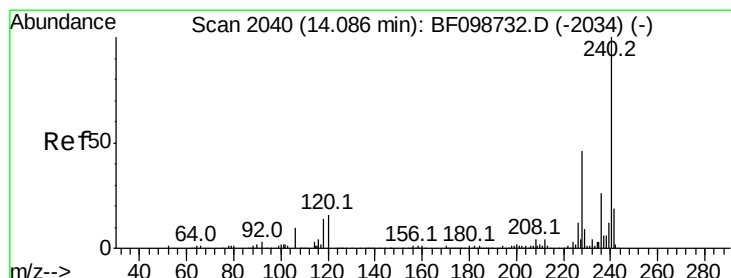
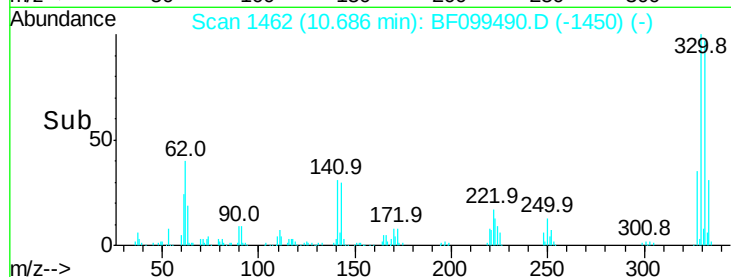
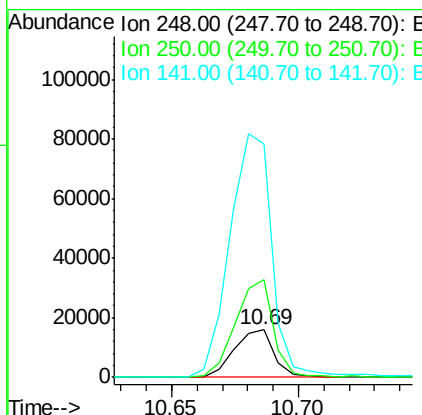
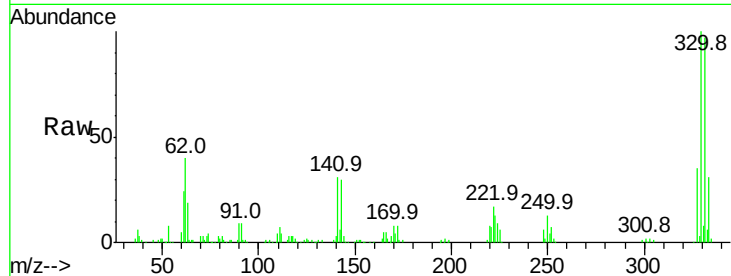




#66
 4-Bromophenyl-phenylether
 Concen: 4.380 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.23 min
 Lab File: BF099490.D
 Acq: 14 Oct 2017 21:30

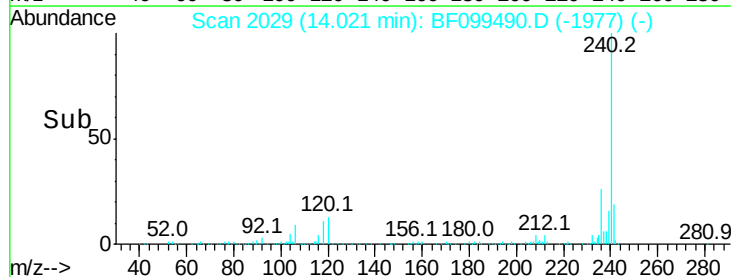
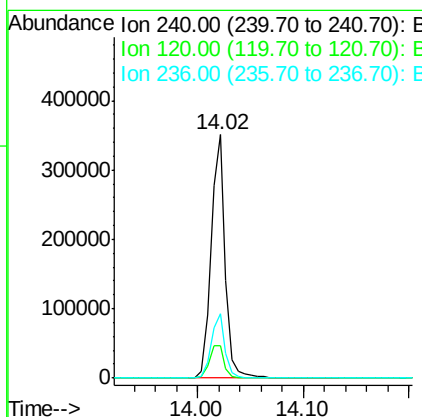
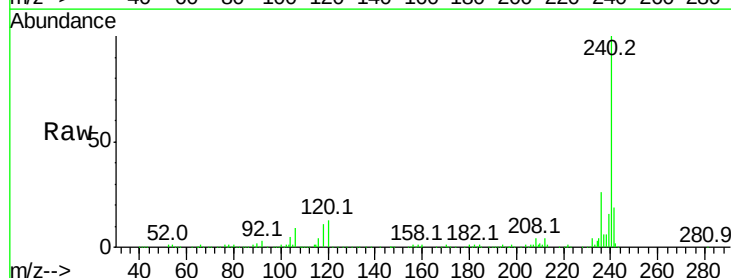
Instrument :
 BNA_F
 ClientSampled :

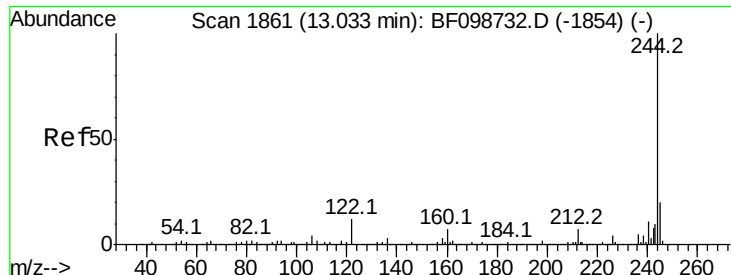
Tot Ion:248 Resp: 17146
 Ion Ratio Lower Upper
 248 100
 250 204.8 76.9 115.3#
 141 490.5 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099490.D
 Acq: 14 Oct 2017 21:30

Tgt Ion:240 Resp: 326803
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 75.800 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099490.D

Acq: 14 Oct 2017 21:30

Instrument :

BNA_F

ClientSampleId :

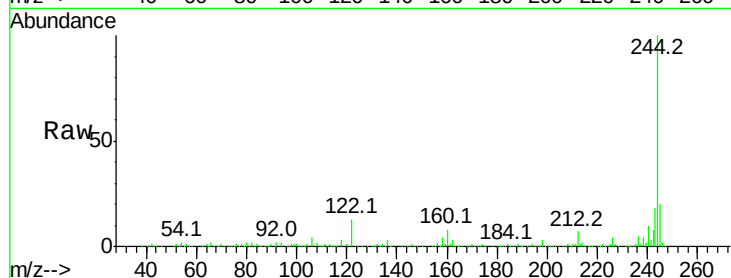
Tot Ion:244 Resp: 1089242

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

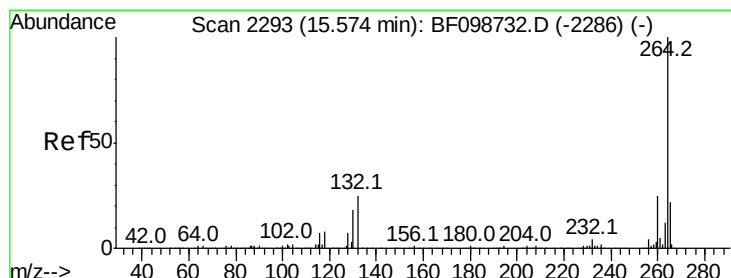
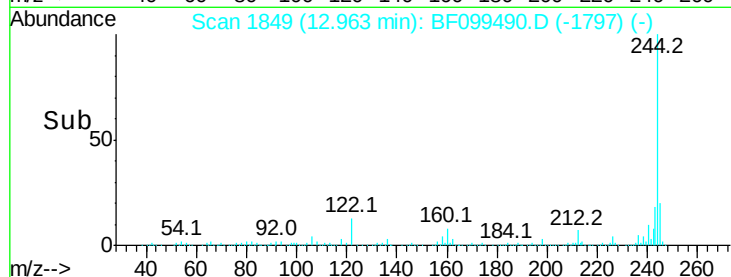
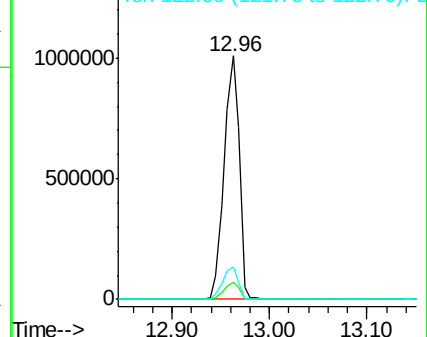
122 13.3 11.0 16.4



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: BF099490.D

Acq: 14 Oct 2017 21:30

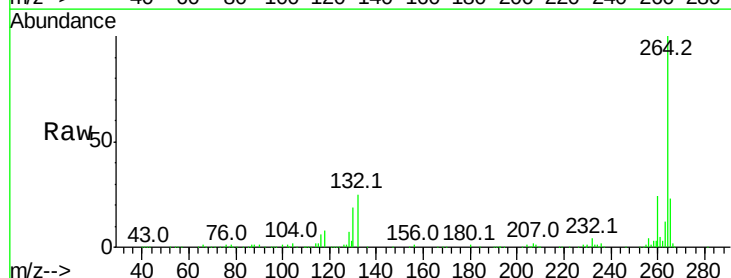
Tgt Ion:264 Resp: 249708

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.5 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

