

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099163.D
 Acq On : 6 Oct 2017 22:35
 Operator : SJ/JU
 Sample : I5517-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 00:26:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

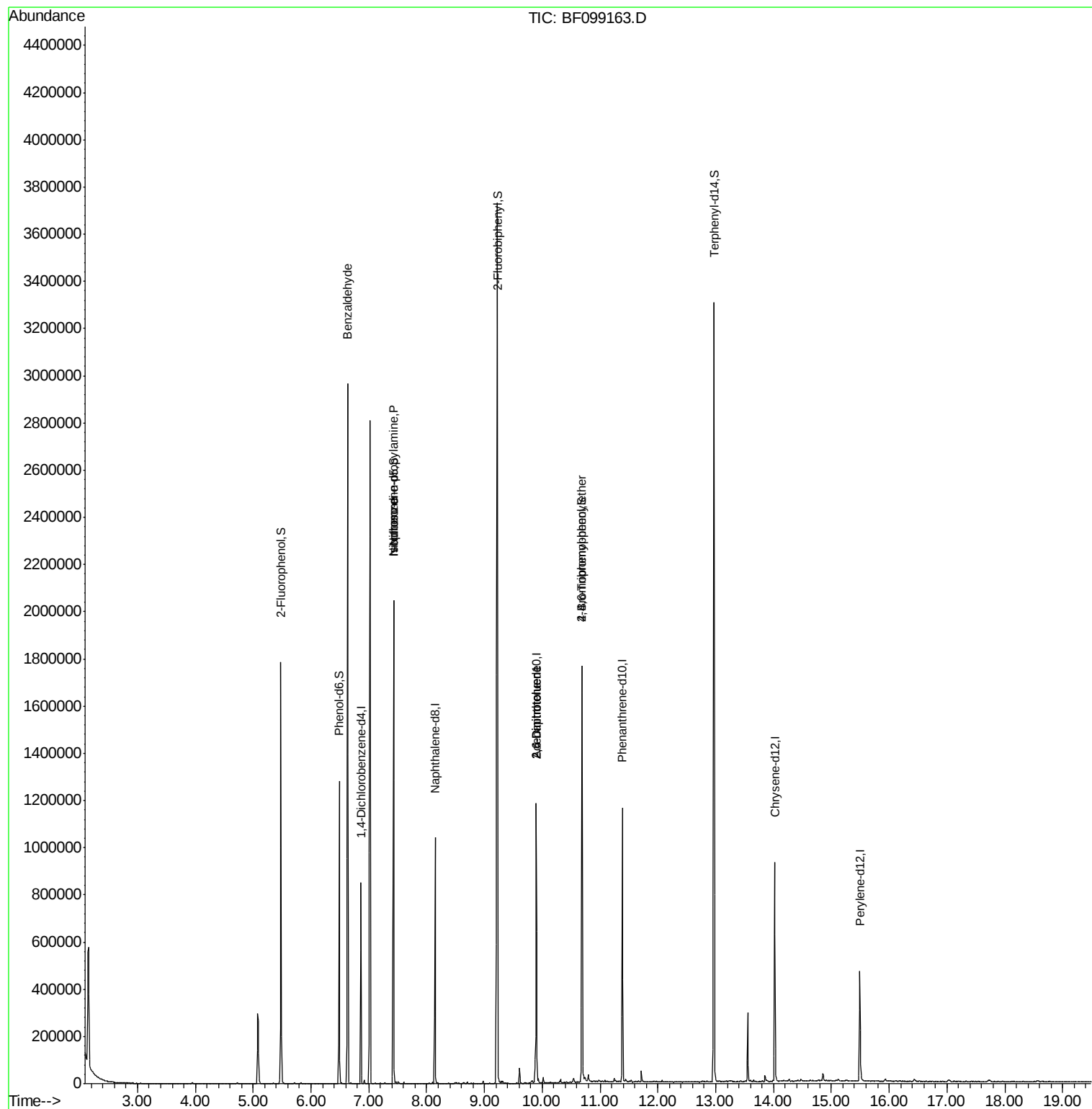
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116942	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	475437	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	217391	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	393110	20.00	ng	0.00
75) Chrysene-d12	14.02	240	289984	20.00	ng	-0.01
86) Perylene-d12	15.49	264	207264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	500737	68.16	ng	0.00
7) Phenol-d6	6.49	99	389882	43.02	ng	-0.01
23) Nitrobenzene-d5	7.43	82	755219	101.87	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	230375	129.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1316407	101.09	ng	0.00
78) Terphenyl-d14	12.97	244	1208584	94.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	16744	3.19	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.43	70	97417	16.84	ng	# 74
25) Isophorone	7.43	82	755214	49.27	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	27675	7.75	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	27675	5.97	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15025	3.90	ng	# 1

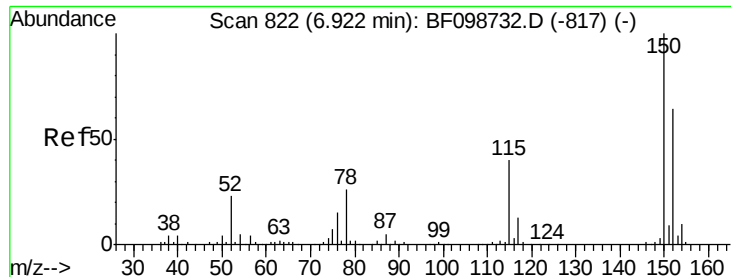
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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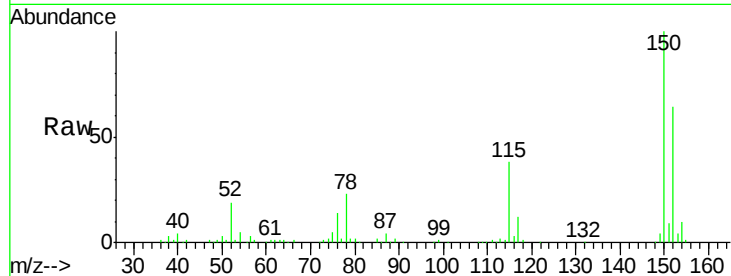




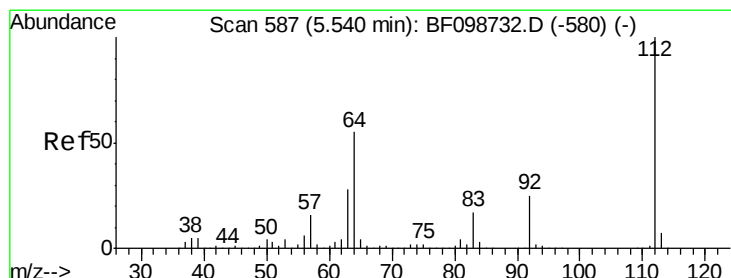
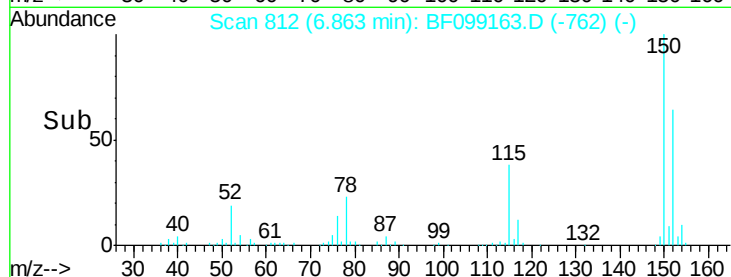
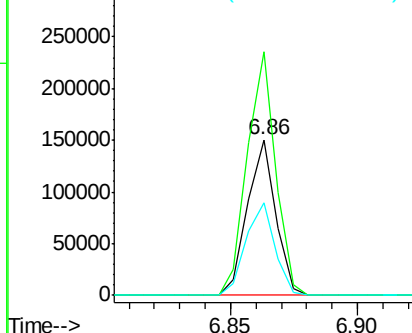
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 116942
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 59.8 50.1 75.1

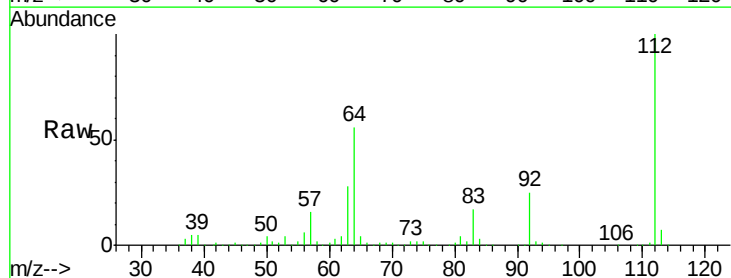


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

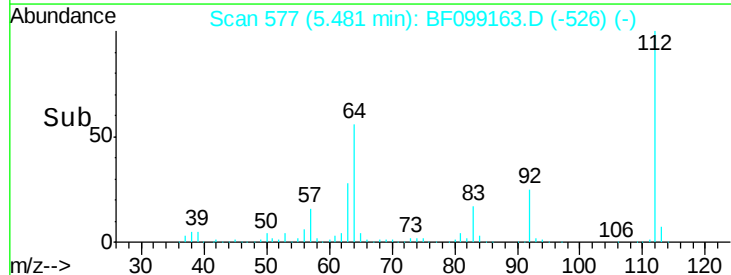
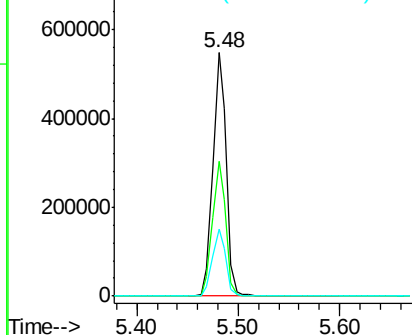


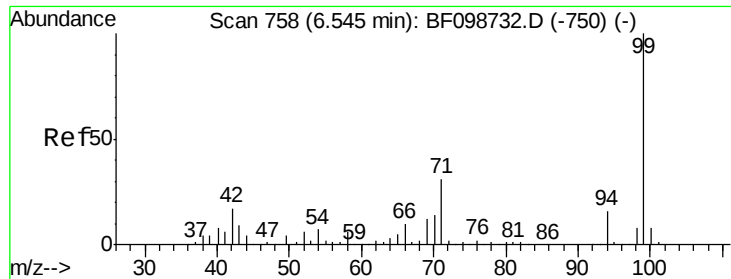
#5
 2-Fluorophenol
 Concen: 68.16 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Tgt Ion:112 Resp: 500737
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.6 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: 43.02 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099163.D

Acq: 6 Oct 2017 22:35

Instrument :

BNA_F

ClientSampleId :

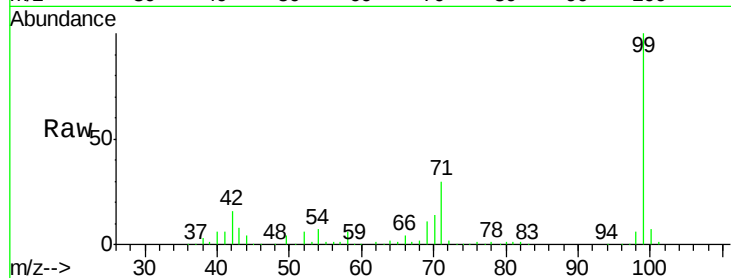
Tot Ion: 99 Resp: 389882

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

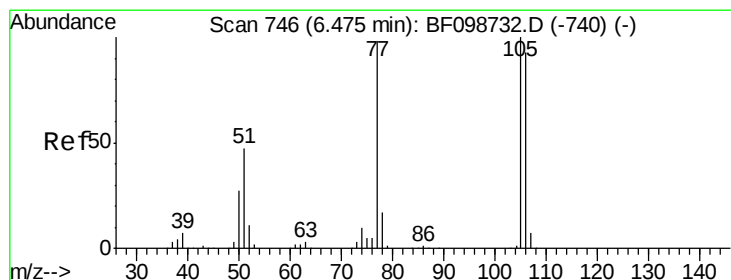
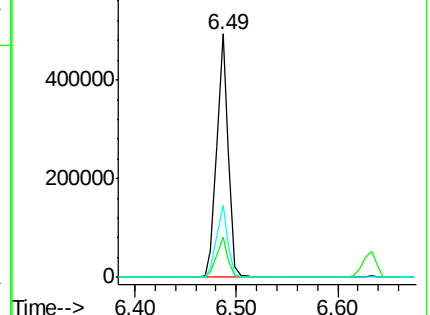
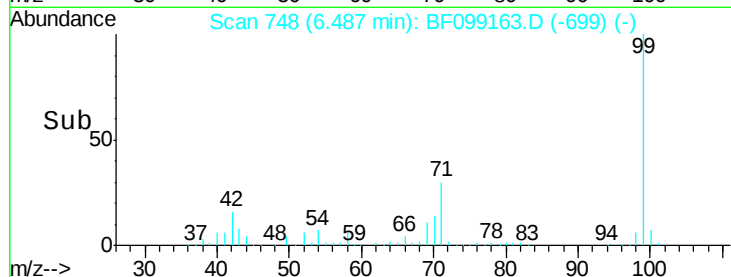
71 29.8 25.4 38.0



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: 3.19 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099163.D

Acq: 6 Oct 2017 22:35

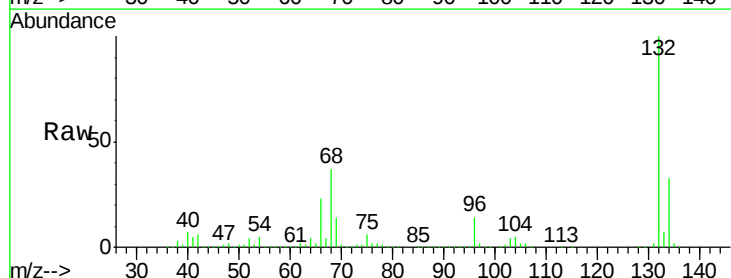
Tgt Ion: 77 Resp: 16744

Ion Ratio Lower Upper

77 100

105 82.8 81.1 121.1

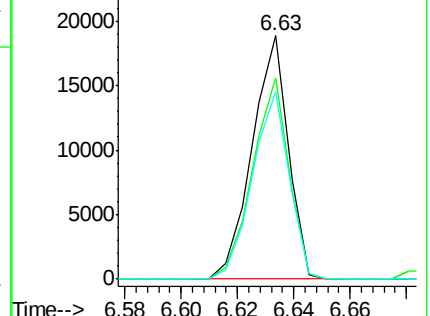
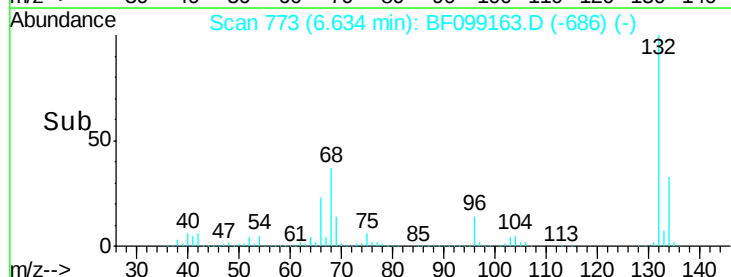
106 77.1 74.5 114.5

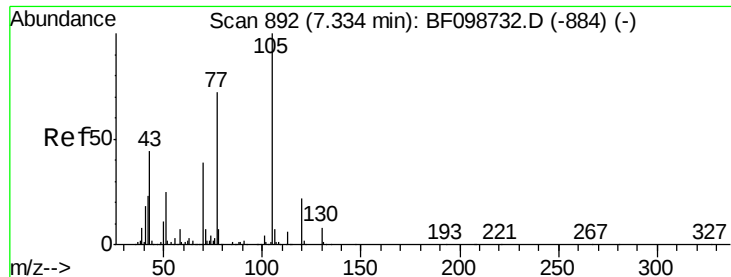


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

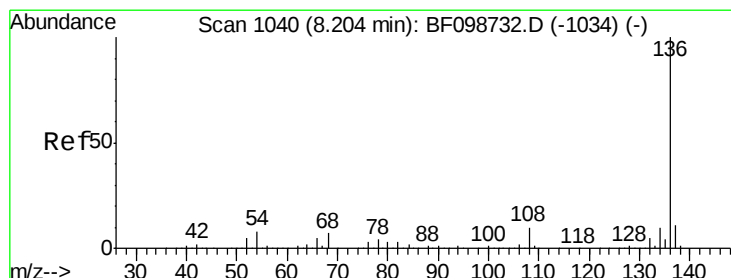
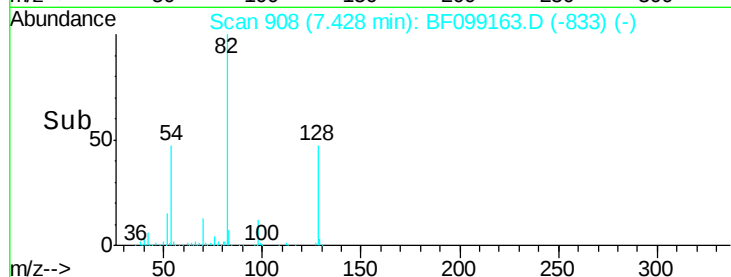
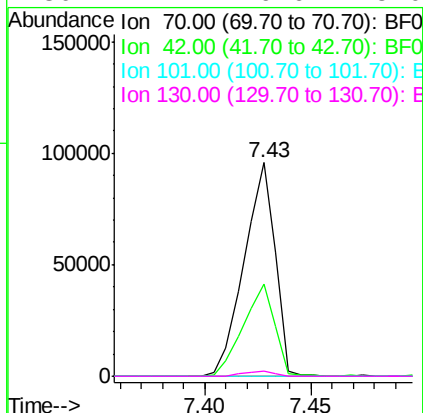
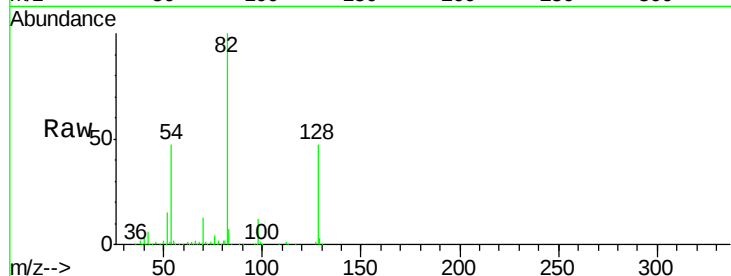




#19
n-Nitroso-di-n-propylamine
Concen: 16.84 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

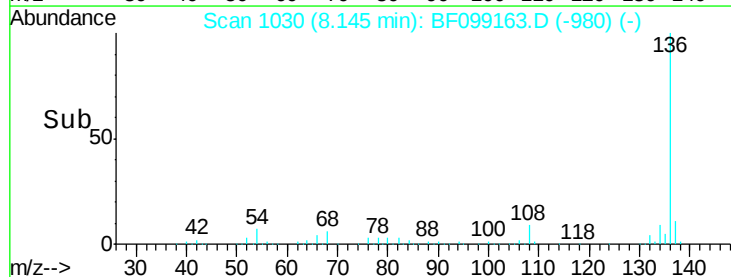
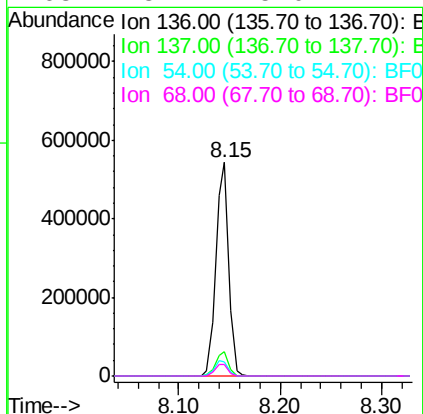
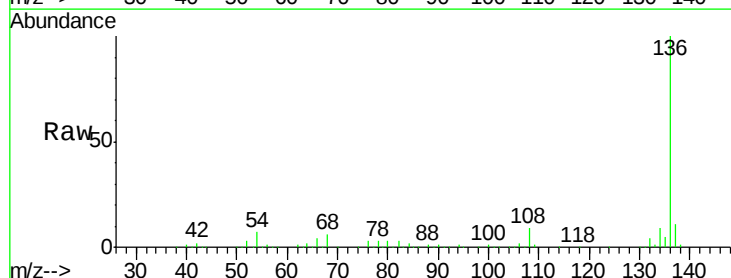
Instrument :
BNA_F
ClientSampleId :

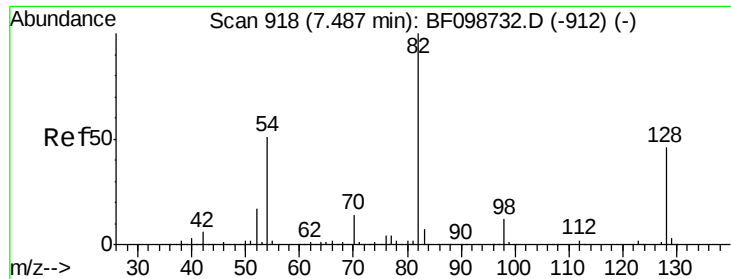
Tot Ion: 70 Resp: 97417
Ion Ratio Lower Upper
70 100
42 43.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Tgt Ion: 136 Resp: 475437
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.8 6.6 9.8
68 5.7 5.0 7.4

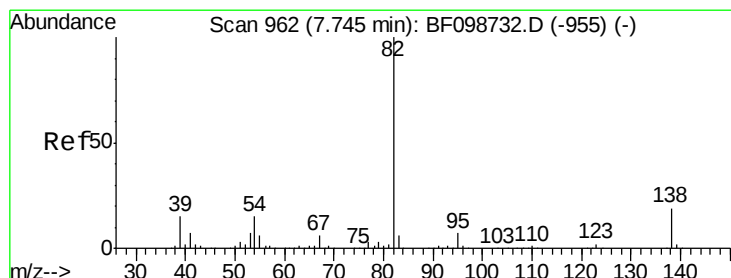
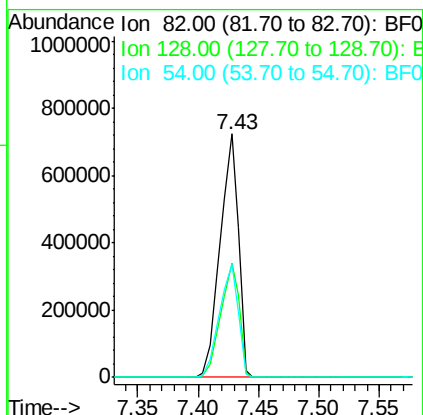
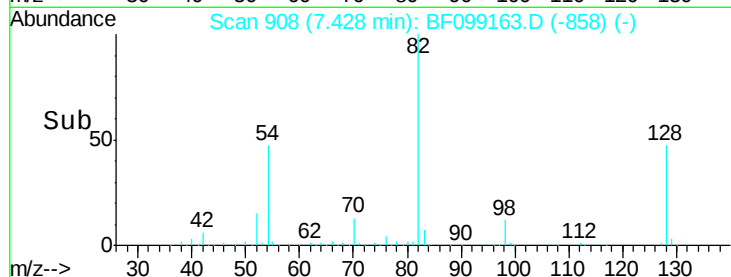
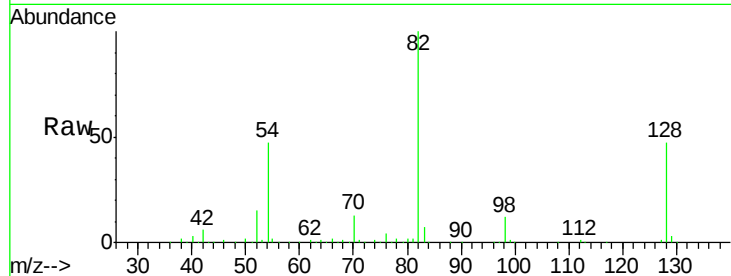




#23
Nitrobenzene-d5
Concen: 101.87 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

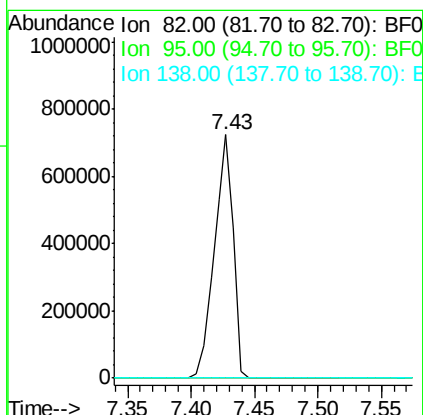
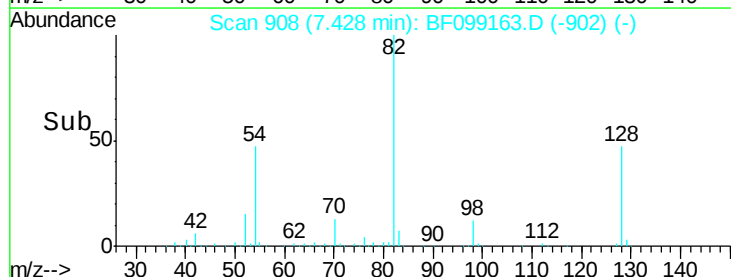
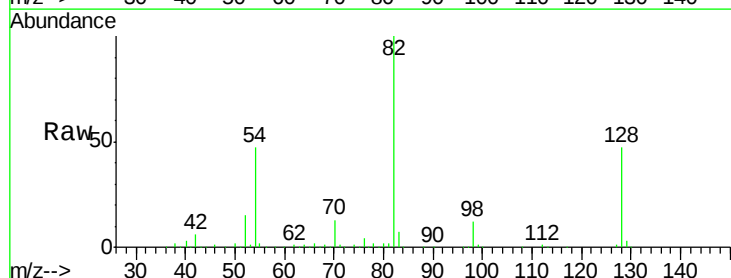
Instrument :
BNA_F
ClientSampled :

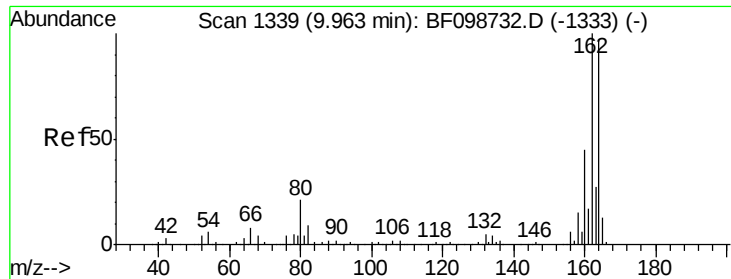
Tot Ion: 82 Resp: 755219
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 46.7 41.4 62.2



#25
Isophorone
Concen: 49.27 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Tgt Ion: 82 Resp: 755214
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

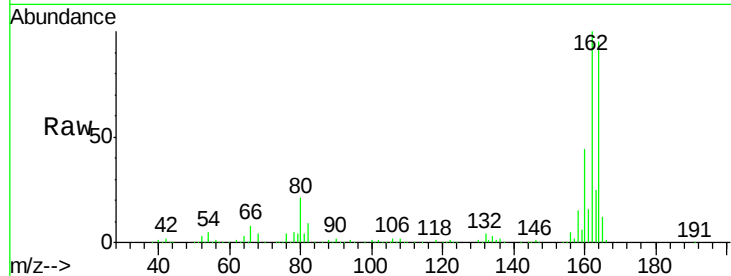




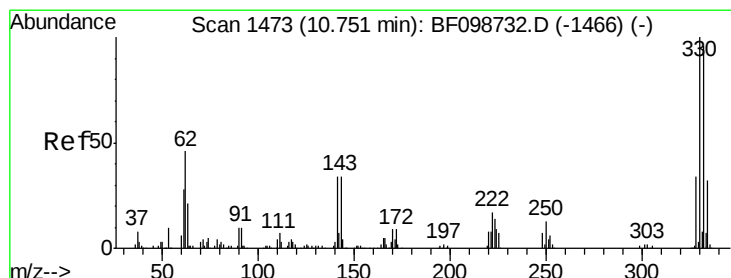
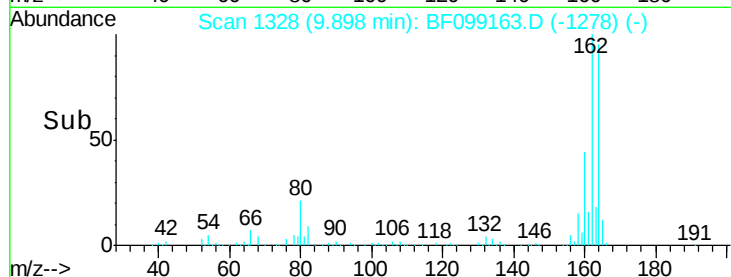
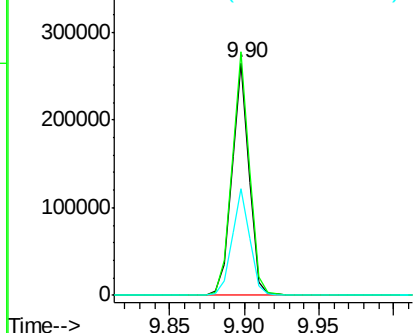
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 217391
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 45.7 38.3 57.5

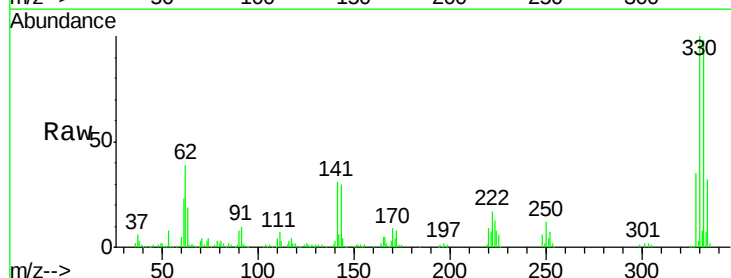


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

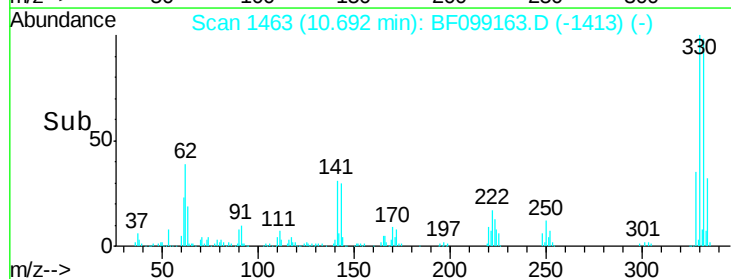
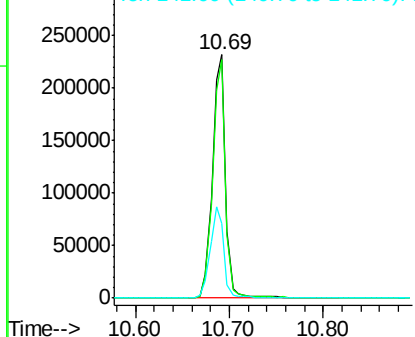


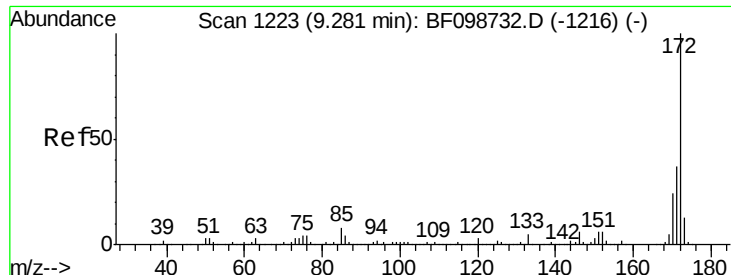
#41
2,4,6-Tribromophenol
Concen: 129.51 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Tgt Ion:330 Resp: 230375
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 39.3 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

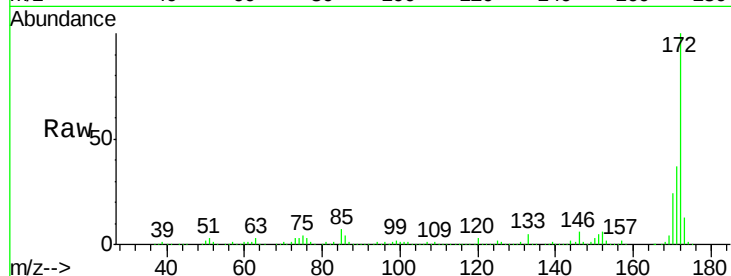




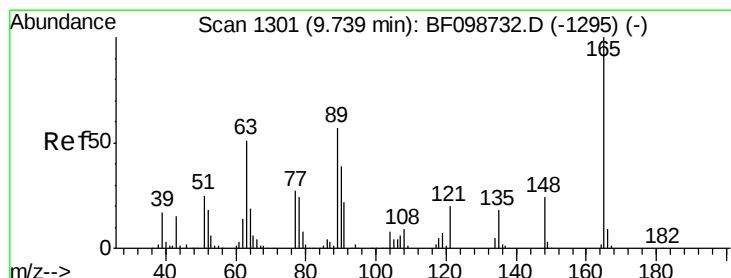
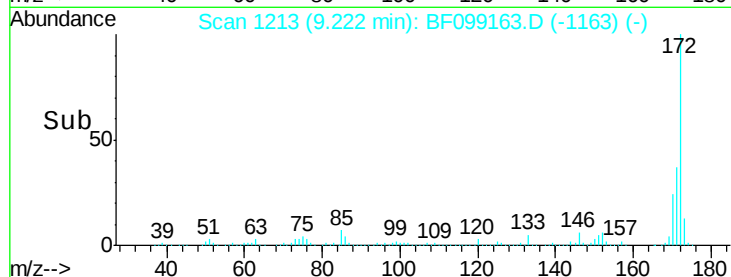
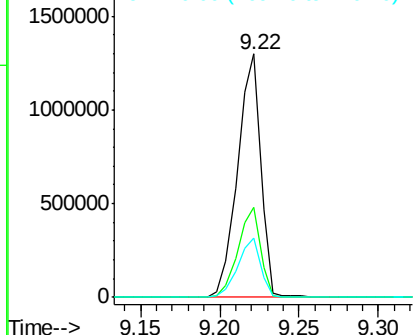
#44
2-Fluorobiphenyl
Concen: 101.09 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1316407
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.1 19.6 29.4

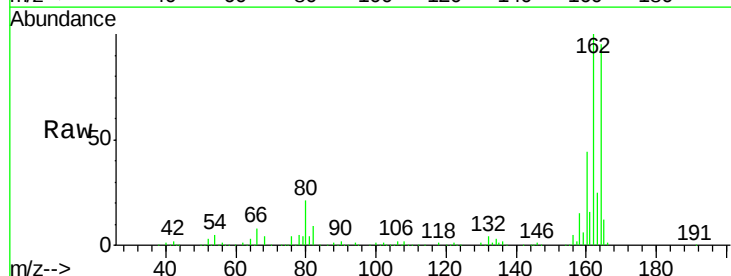


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

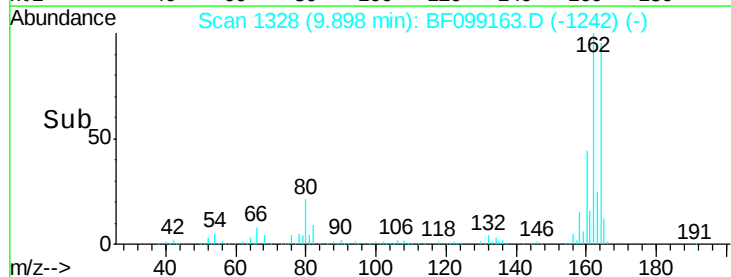
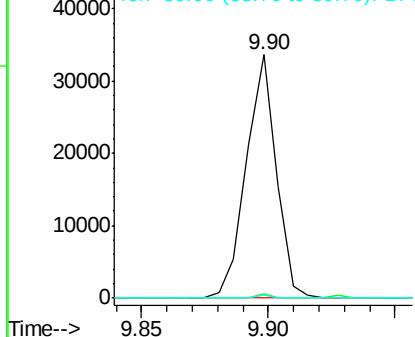


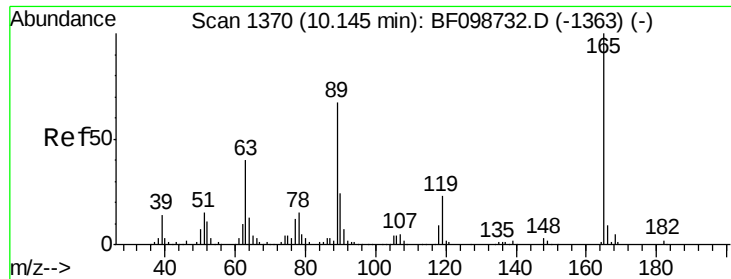
#50
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099163.D
Acq: 6 Oct 2017 22:35

Tgt Ion:165 Resp: 27675
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.3 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

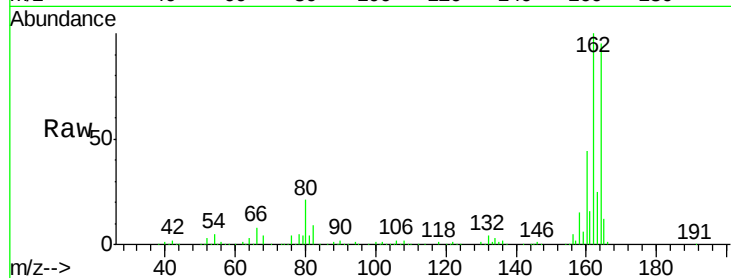




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

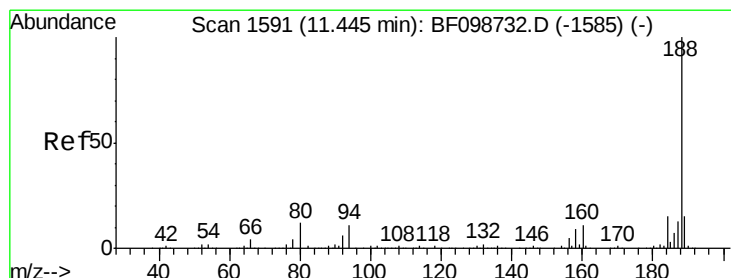
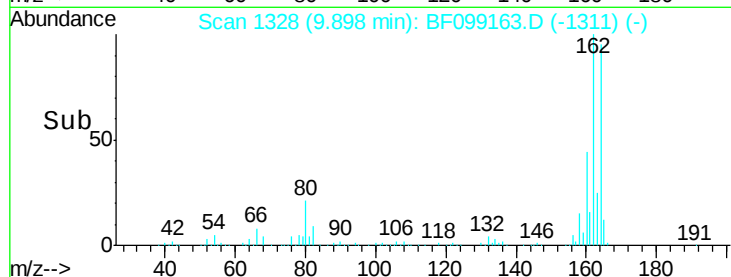
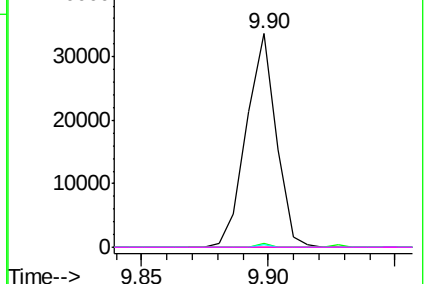


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

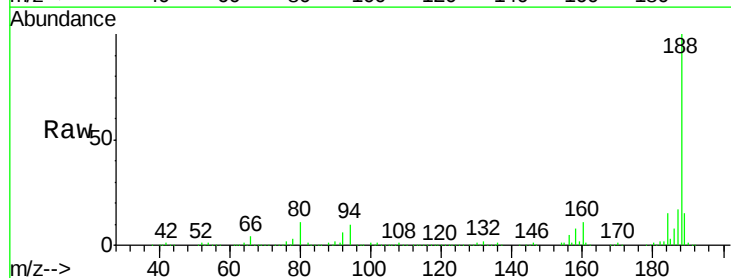
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

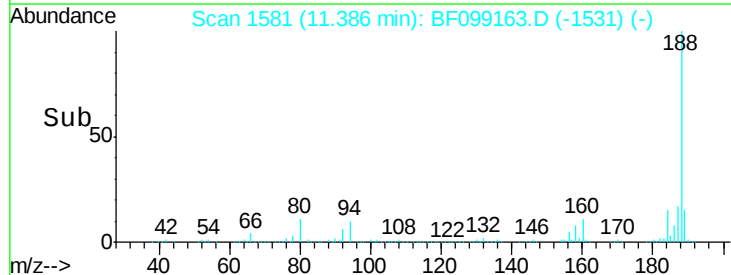
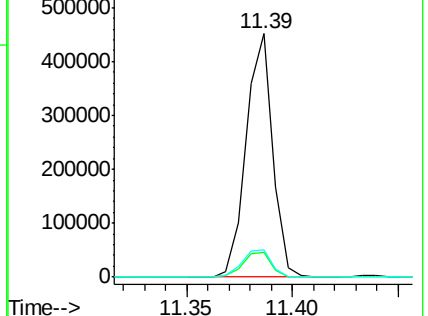
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

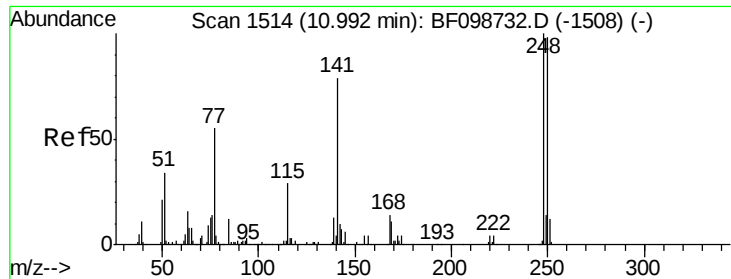


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

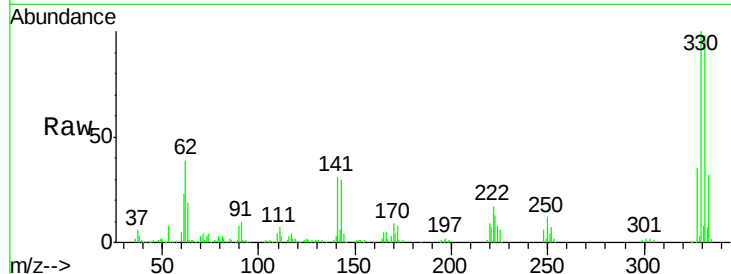




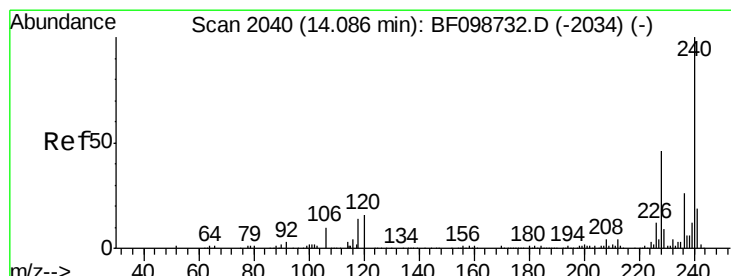
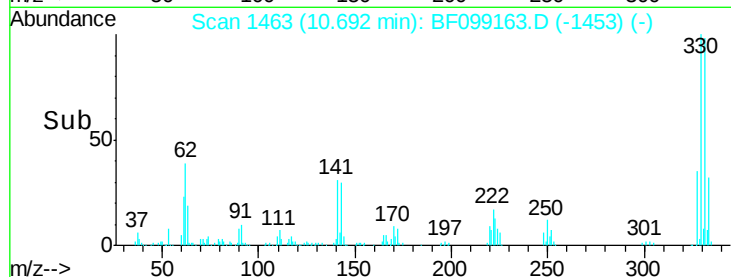
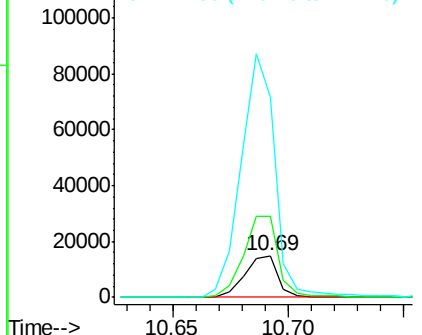
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15025
 Ion Ratio Lower Upper
 248 100
 250 193.5 76.9 115.3#
 141 479.5 74.4 111.6#

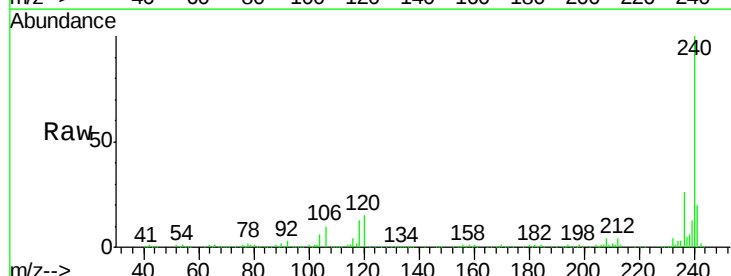


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

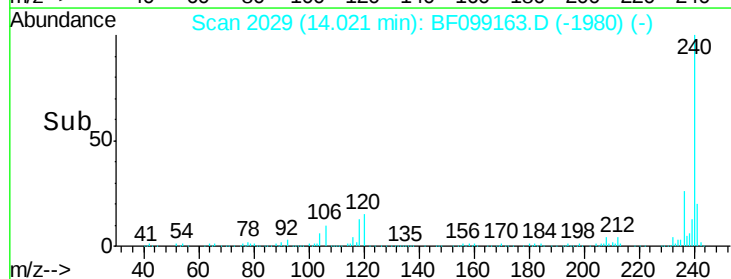
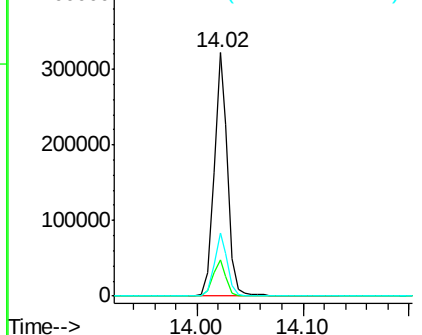


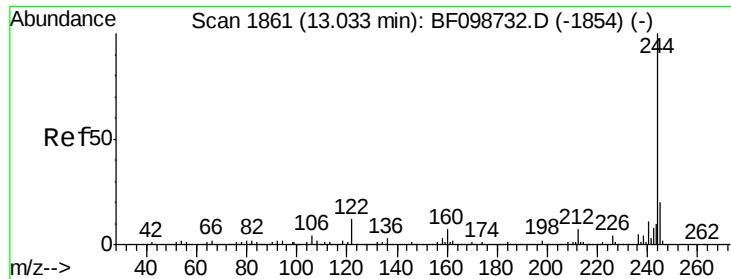
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099163.D
 Acq: 6 Oct 2017 22:35

Tgt Ion:240 Resp: 289984
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.9 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: 94.78 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099163.D

Acq: 6 Oct 2017 22:35

Instrument :

BNA_F

ClientSampled :

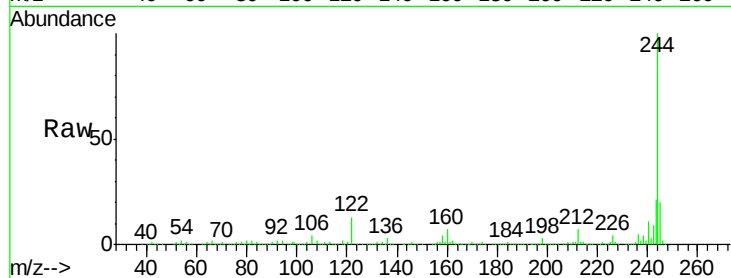
Tot Ion:244 Resp: 1208584

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

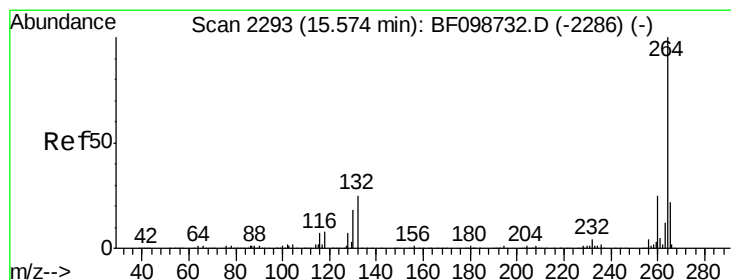
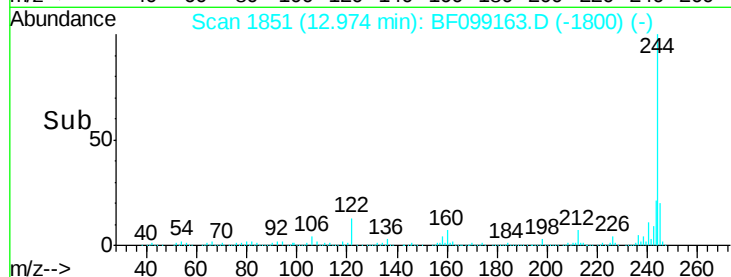
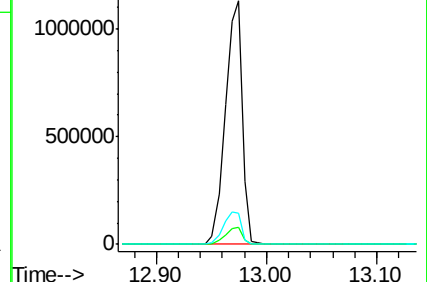
122 12.6 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF099163.D

Acq: 6 Oct 2017 22:35

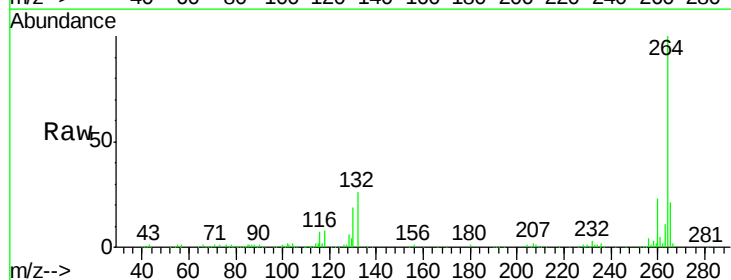
Tgt Ion:264 Resp: 207264

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.0 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

