

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100191.D
 Acq On : 4 Nov 2017 20:57
 Operator : SJ/JU
 Sample : I6313-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:52:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

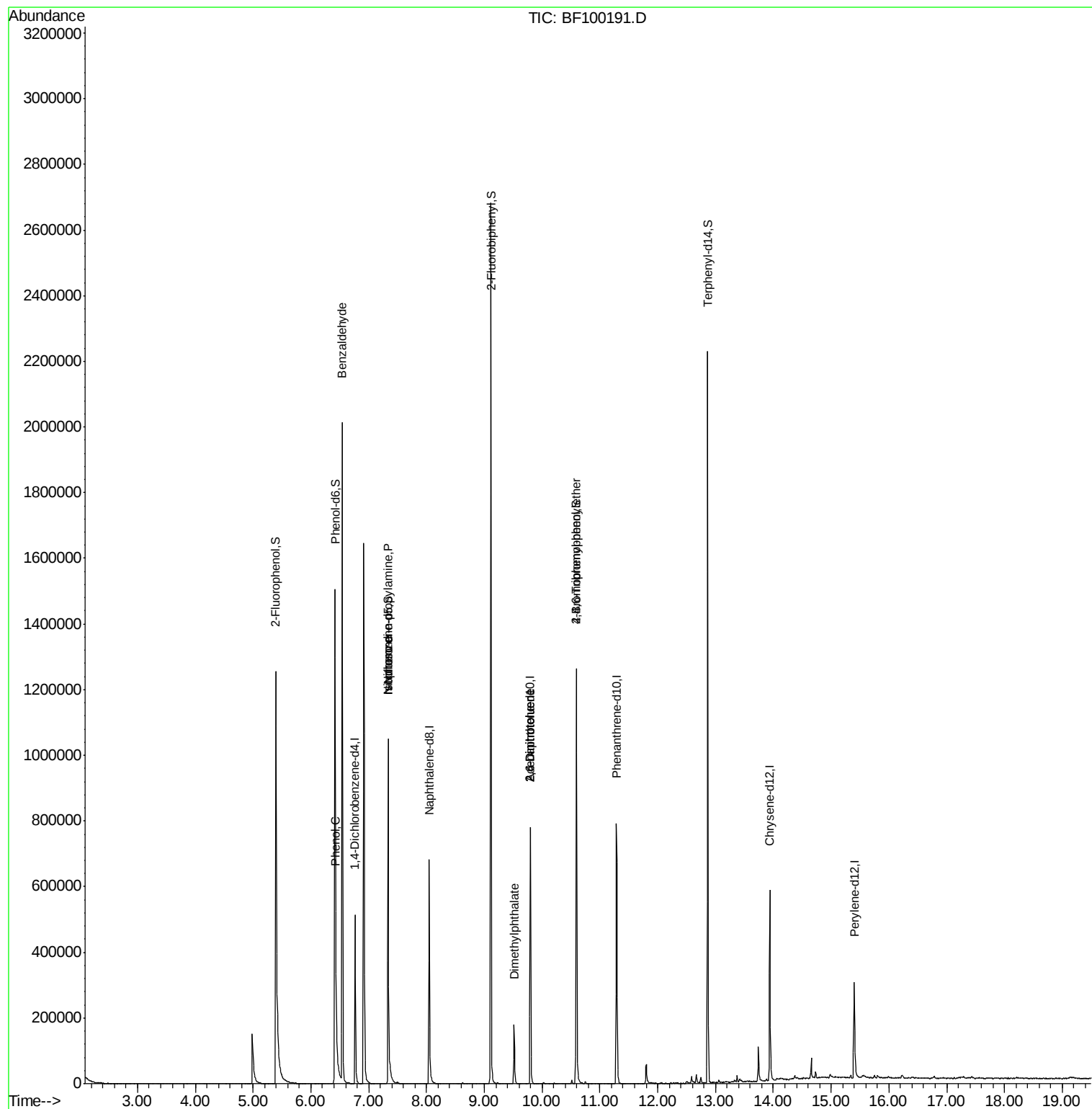
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90864	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	375794	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	175652	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	321275	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	211872	20.00	ng	-0.01
86) Perylene-d12	15.40	264	156814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	633017	109.37	ng	0.00
7) Phenol-d6	6.42	99	766276	111.66	ng	-0.01
23) Nitrobenzene-d5	7.33	82	421701	72.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	176219	110.09	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	853868	75.00	ng	-0.01
78) Terphenyl-d14	12.87	244	781840	80.64	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	11128	2.714	ng	92
10) Phenol	6.43	94	30925	4.104	ng	90
19) n-Nitroso-di-n-propylamine	7.33	70	52312	13.008	ng	# 70
25) Isophorone	7.33	82	421701	39.814	ng	# 64
49) Dimethylphthalate	9.52	163	85367	6.137	ng	100
50) 2,6-Dinitrotoluene	9.79	165	22285	7.621	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	22285	6.328	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	11176	3.304	ng	# 1

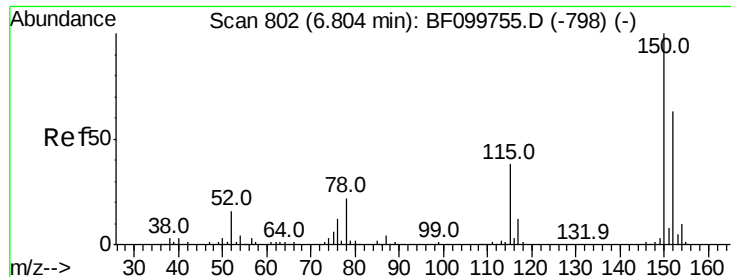
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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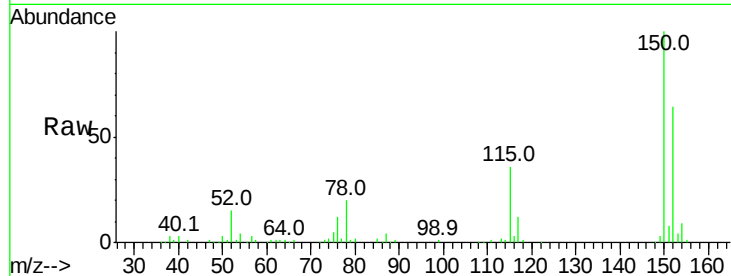


#1

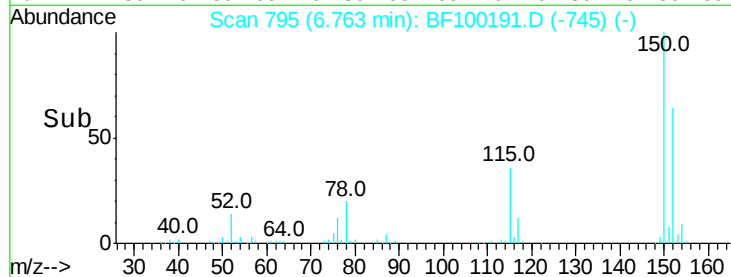
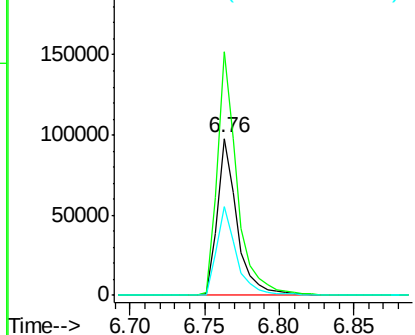
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 90864
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 56.2 50.1 75.1



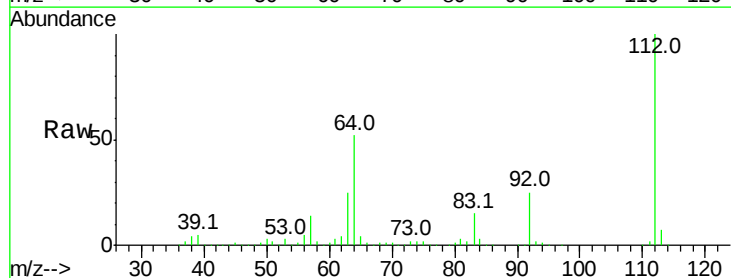
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



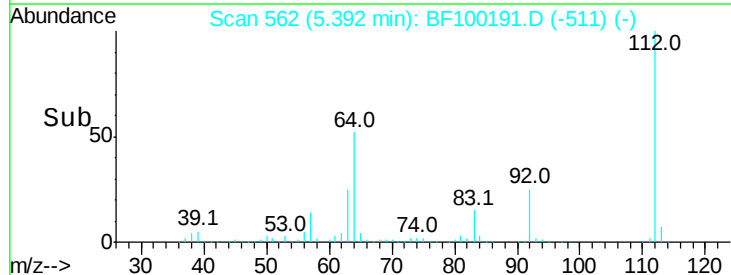
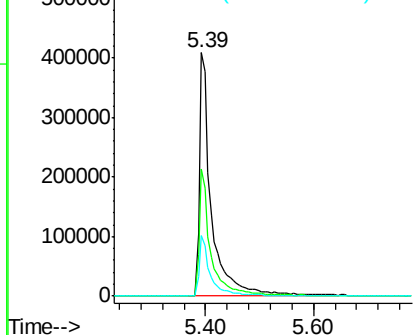
#5

2-Fluorophenol
 Concen: 109.374 ng
 RT: 5.39 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Tgt Ion:112 Resp: 633017
 Ion Ratio Lower Upper
 112 100
 64 52.2 47.9 71.9
 63 24.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.661 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

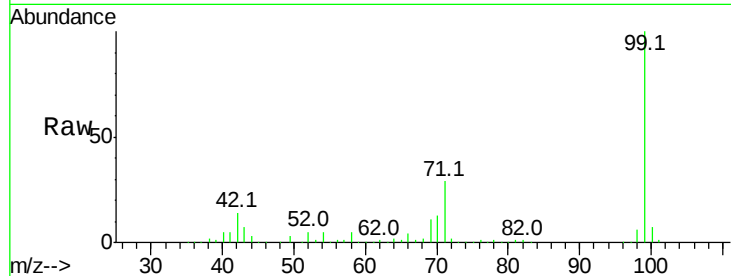
Tot Ion: 99 Resp: 766276

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

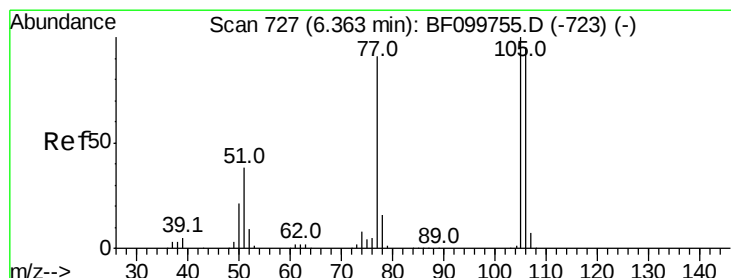
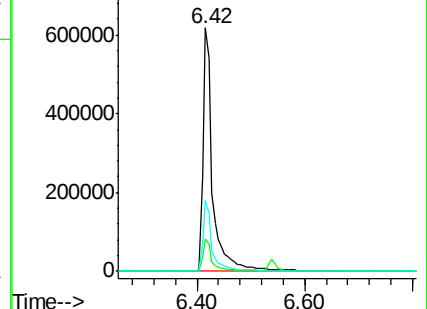
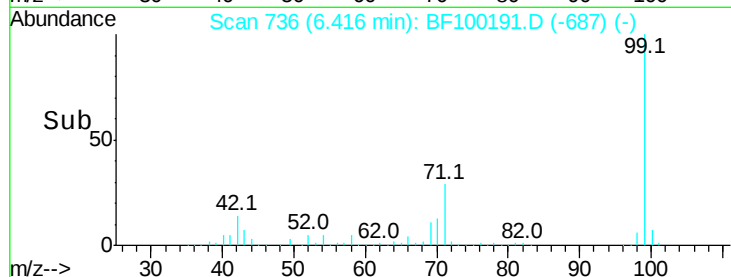
71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.714 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

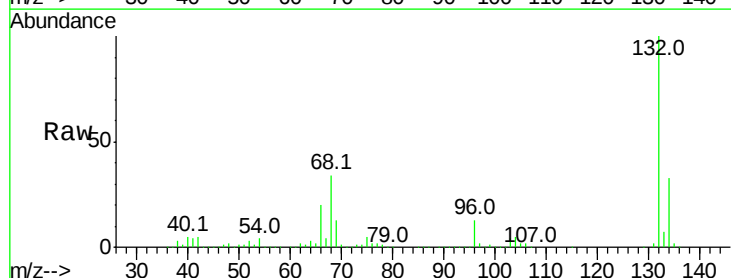
Tgt Ion: 77 Resp: 11128

Ion Ratio Lower Upper

77 100

105 91.5 81.1 121.1

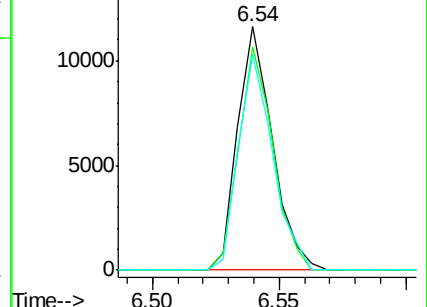
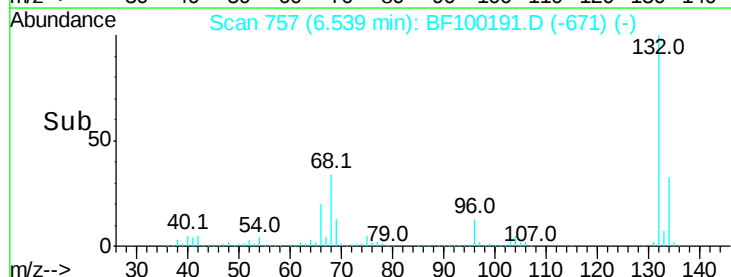
106 88.4 74.5 114.5

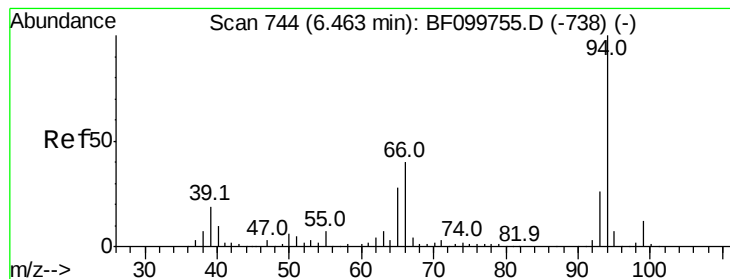


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.104 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

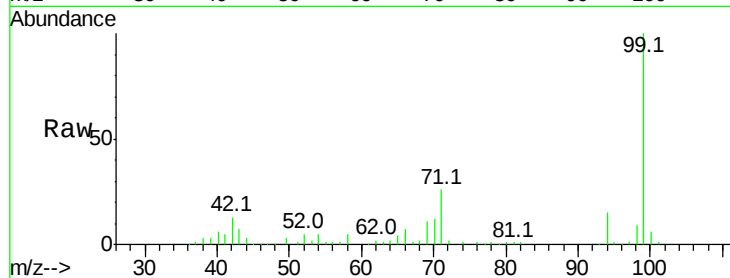
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 30925

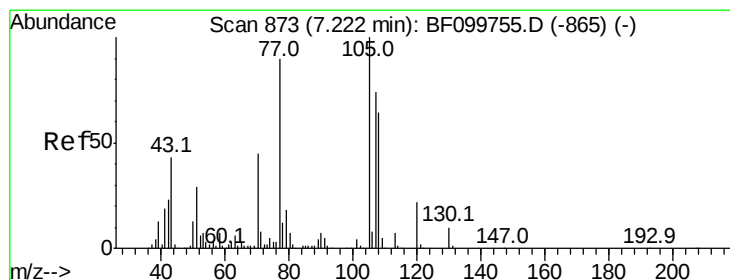
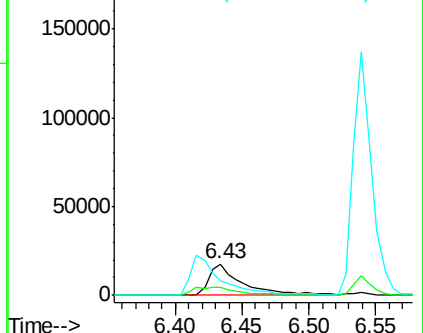
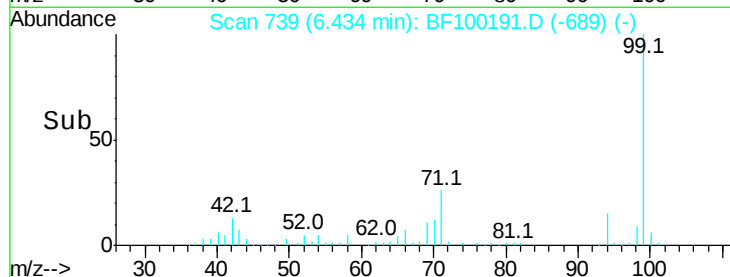
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	46.1	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.008 ng

RT: 7.33 min Scan# 892

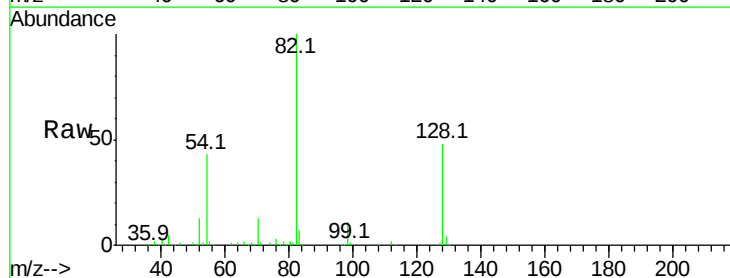
Delta R.T. 0.14 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Tgt Ion: 70 Resp: 52312

Ion	Ratio	Lower	Upper
70	100		
42	38.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

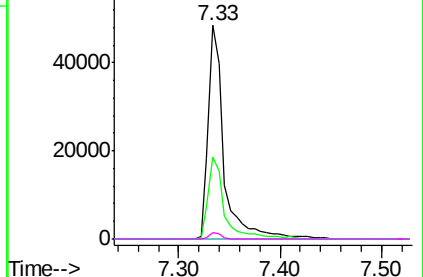
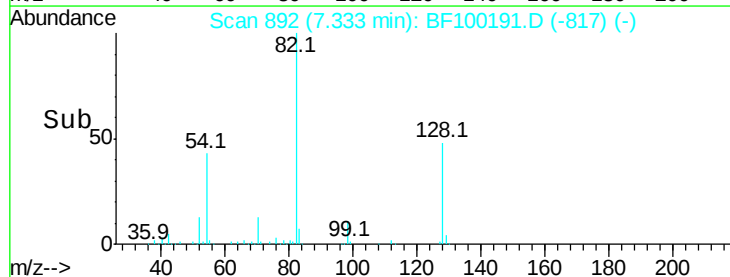


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

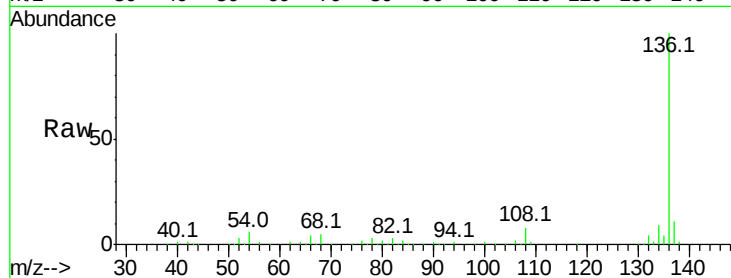




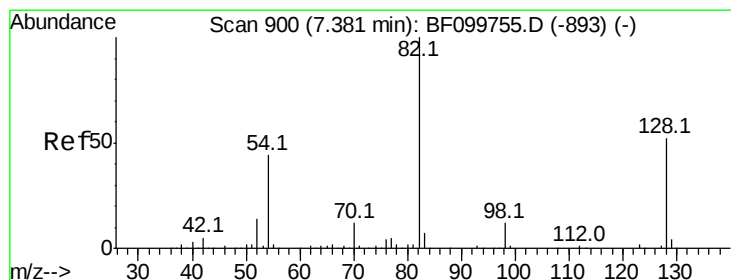
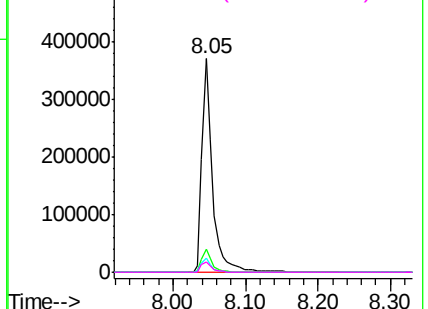
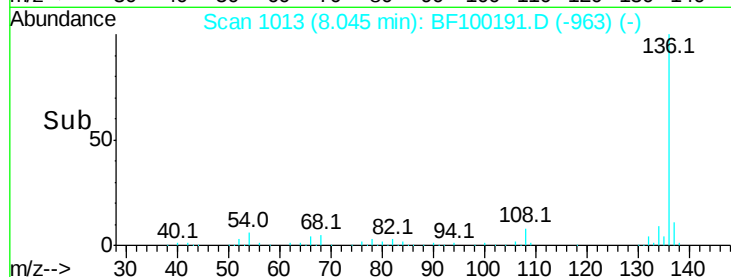
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	375794
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	6.6	9.8#
68	5.1	5.0	7.4

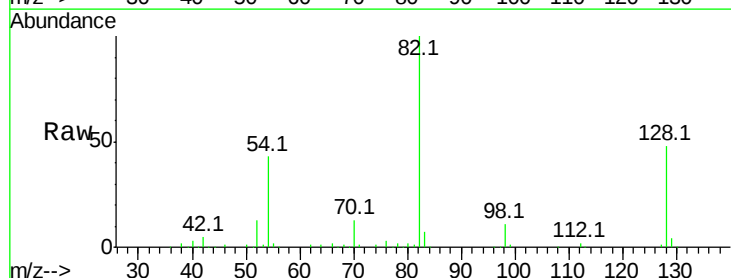


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

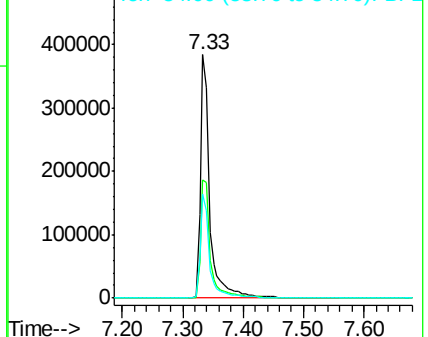
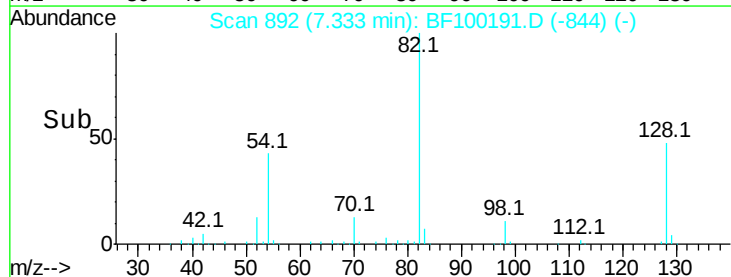


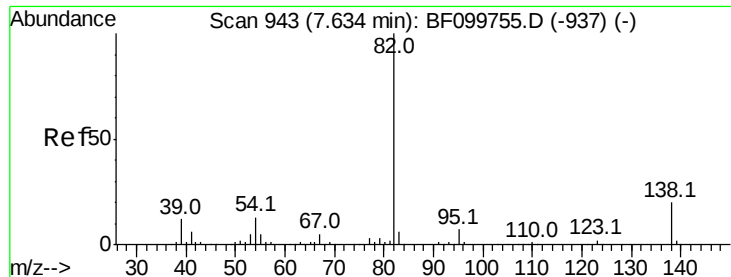
#23
Nitrobenzene-d5
Concen: 72.245 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Tgt Ion:	82	Resp:	421701
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	42.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.814 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

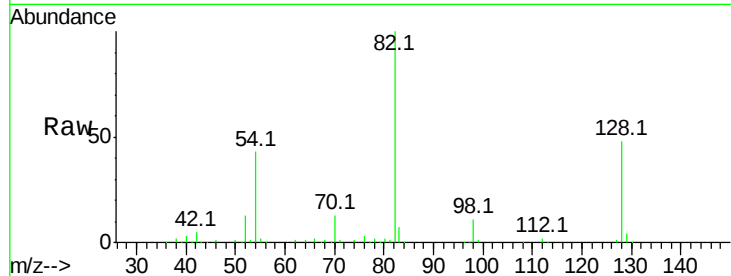
Tot Ion: 82 Resp: 421701

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

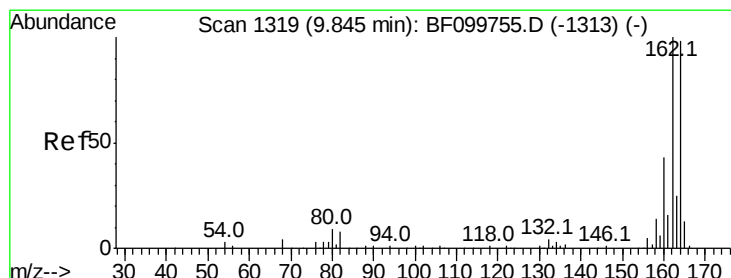
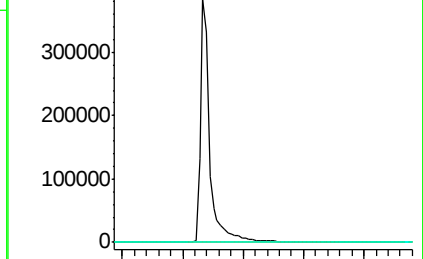
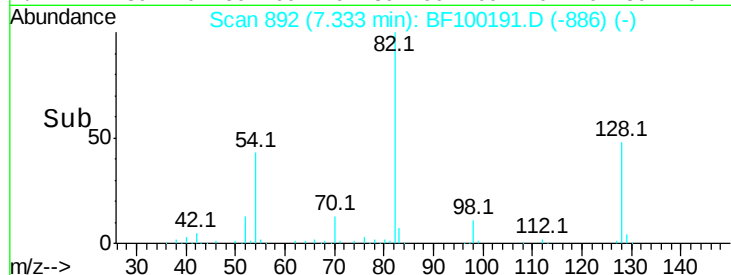
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

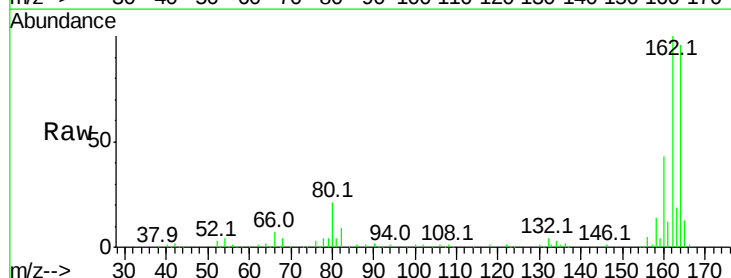
Tgt Ion:164 Resp: 175652

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

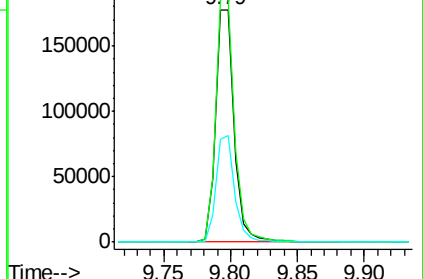
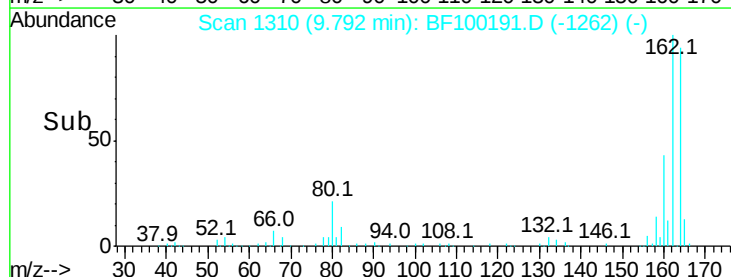
160 44.2 38.3 57.5



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

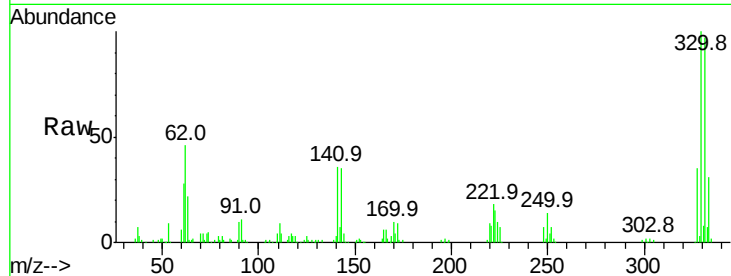




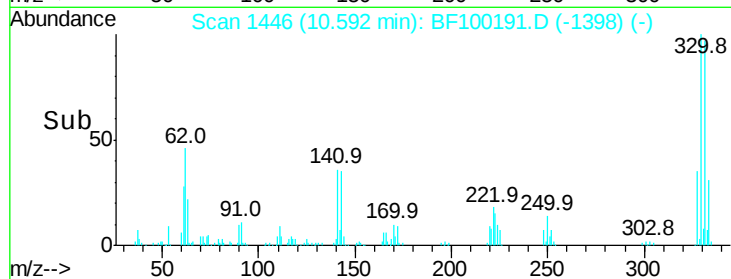
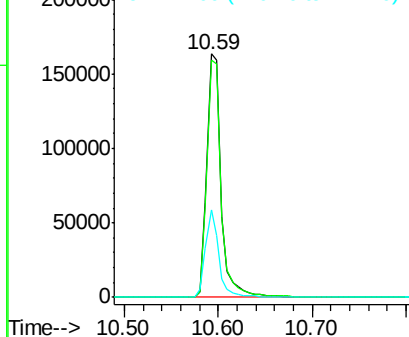
#41
 2,4,6-Tribromophenol
 Concen: 110.086 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 176219
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 33.5 29.9 44.9

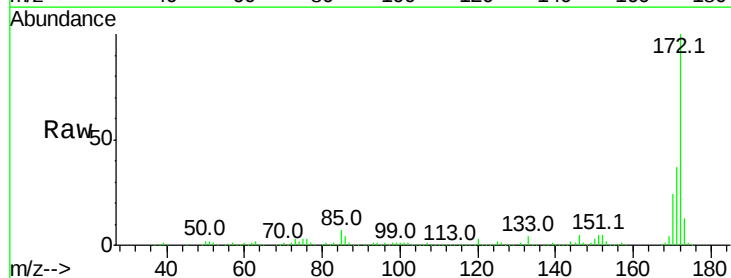


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

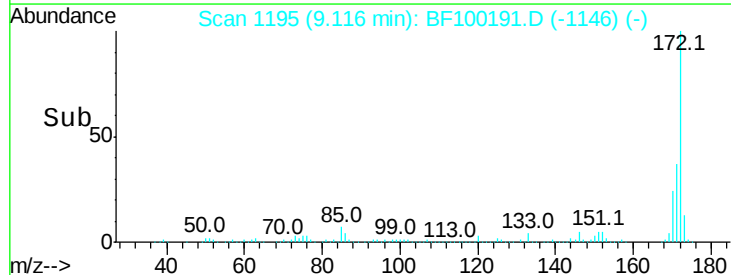
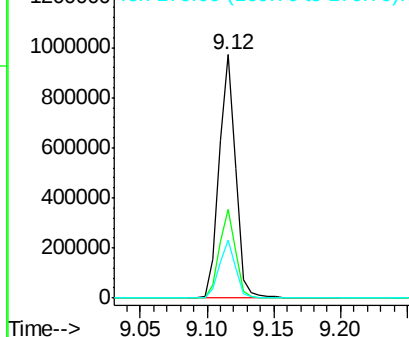


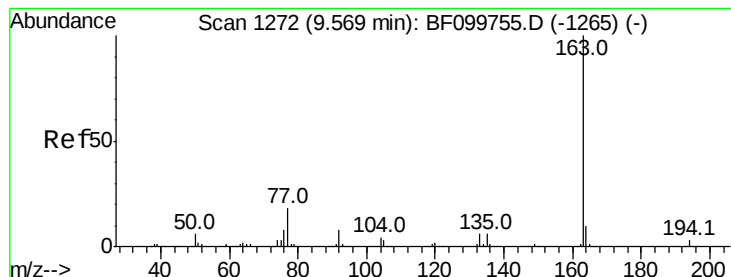
#44
 2-Fluorobiphenyl
 Concen: 74.999 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Tgt Ion:172 Resp: 853868
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.9 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: 6.137 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

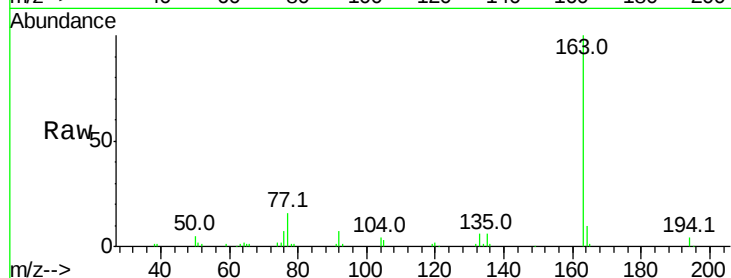
Tot Ion:163 Resp: 85367

Ion Ratio Lower Upper

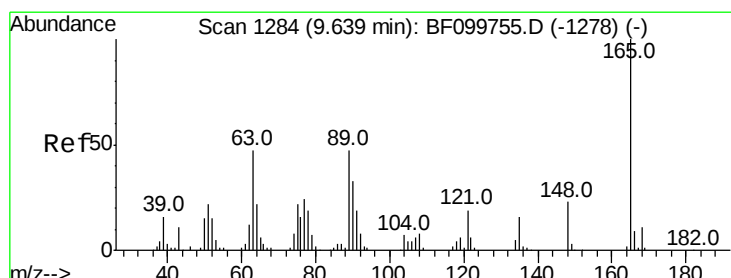
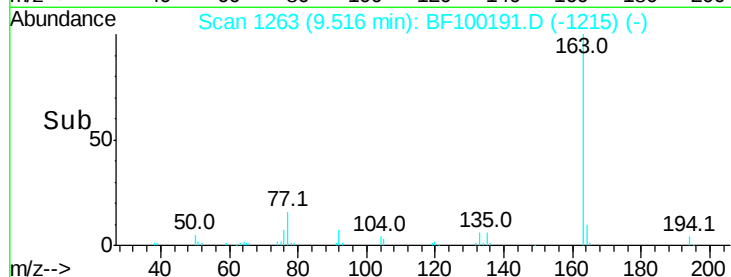
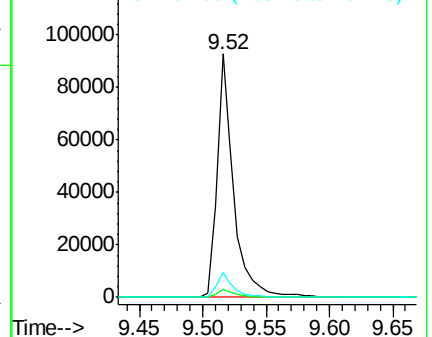
163 100

194 3.5 2.7 4.1

164 10.1 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



#50

2,6-Dinitrotoluene

Concen: 7.621 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.18 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

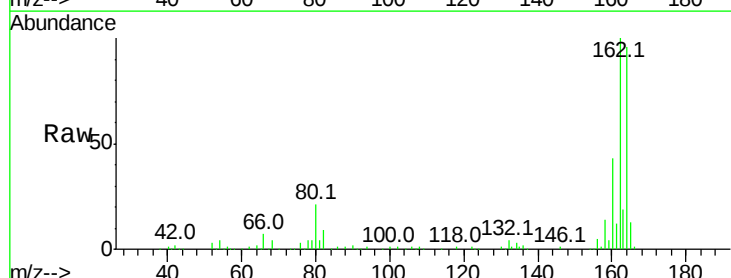
Tgt Ion:165 Resp: 22285

Ion Ratio Lower Upper

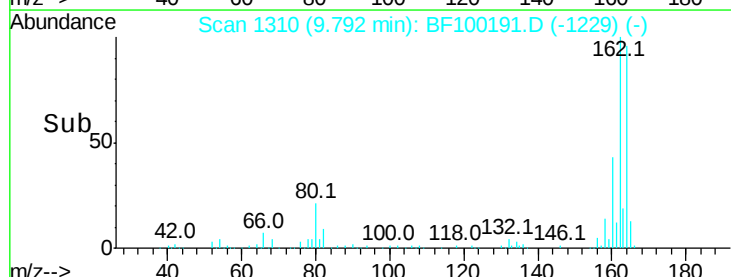
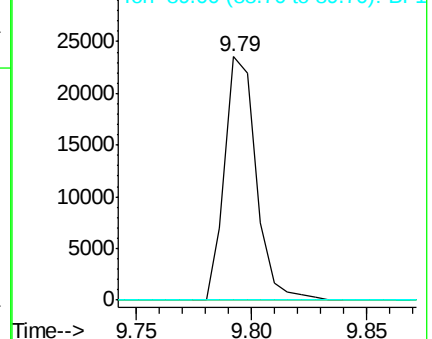
165 100

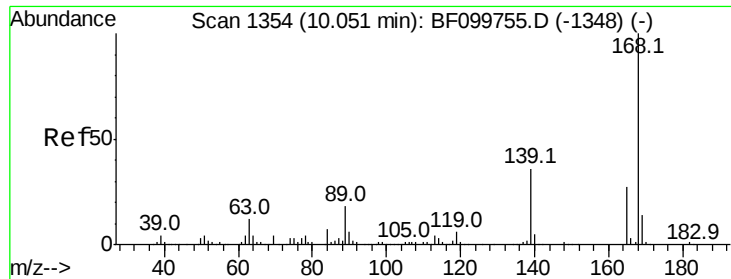
63 0.0 44.7 67.1#

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): BF1
Ion 89.00 (88.70 to 89.70): BF1

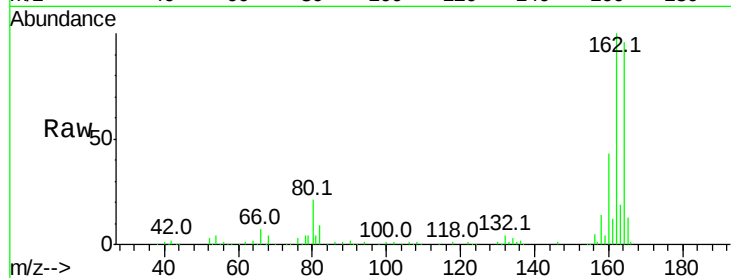




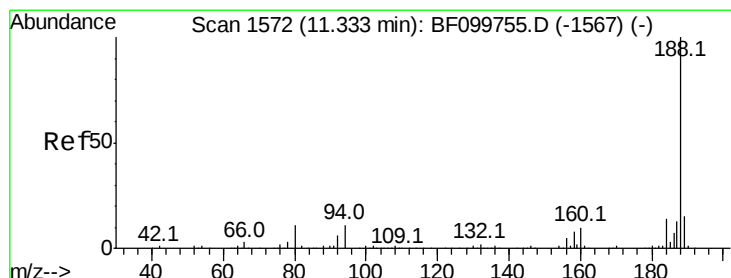
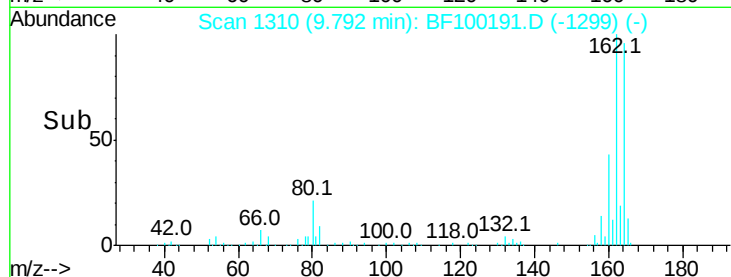
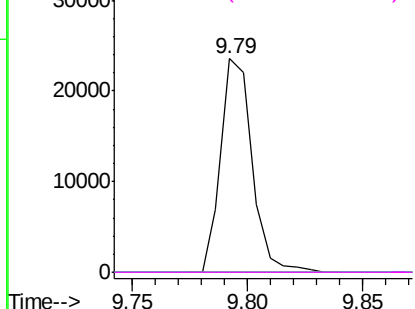
#56
 2,4-Dinitrotoluene
 Concen: 6.328 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.24 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22285
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

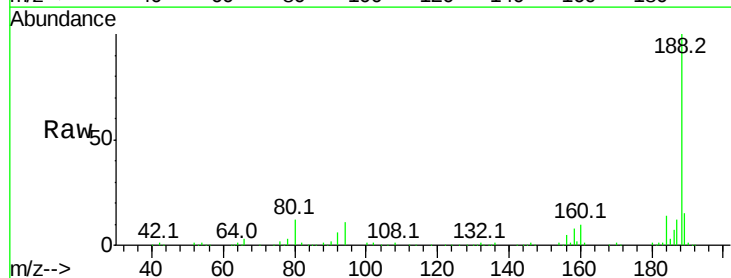


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

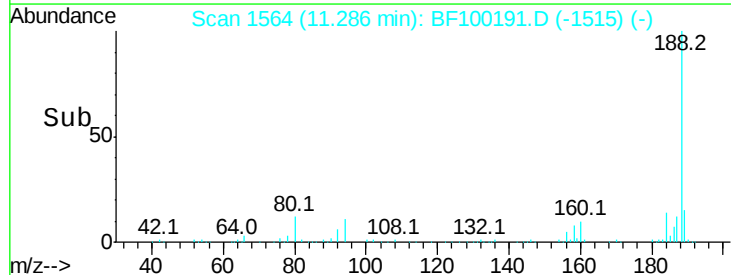
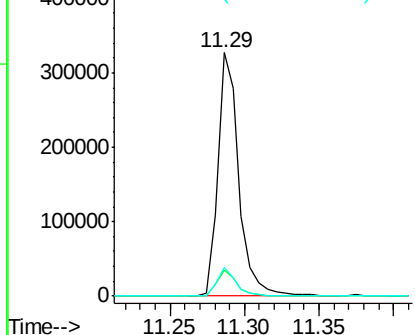


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Tgt Ion:188 Resp: 321275
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

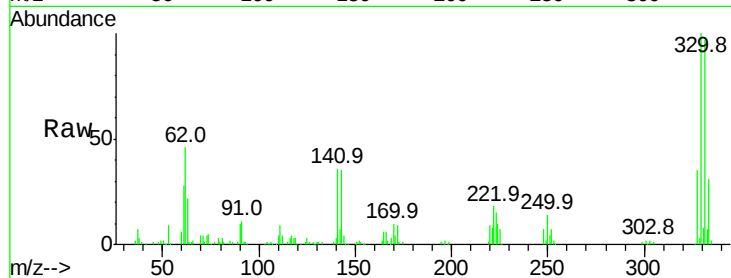




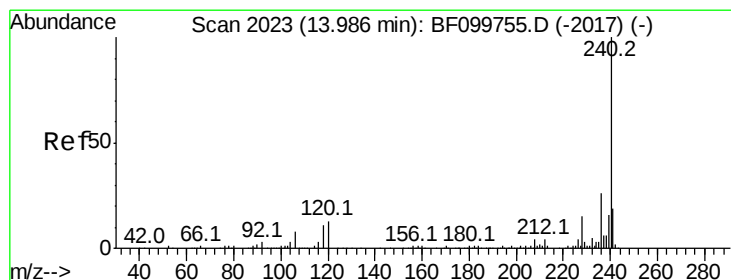
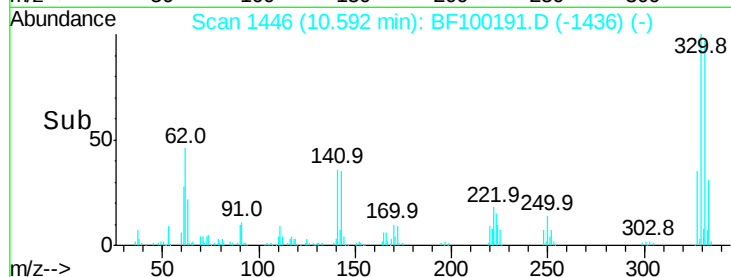
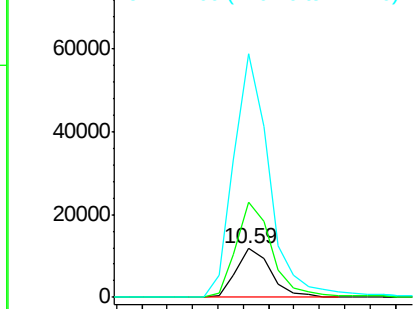
#66
4-Bromophenyl-phenylether
Concen: 3.304 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11176
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 500.9 74.4 111.6#

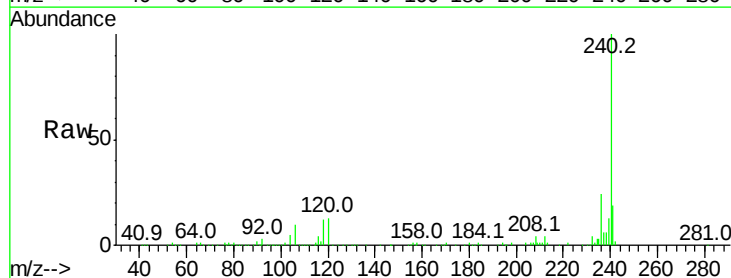


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

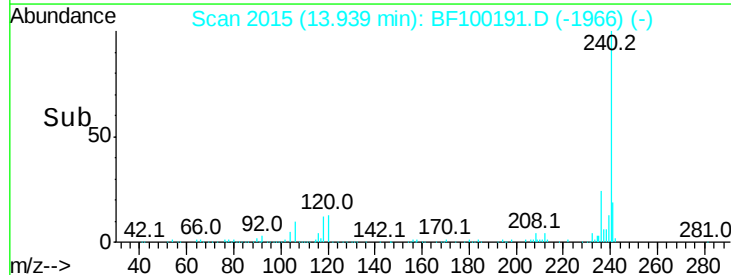
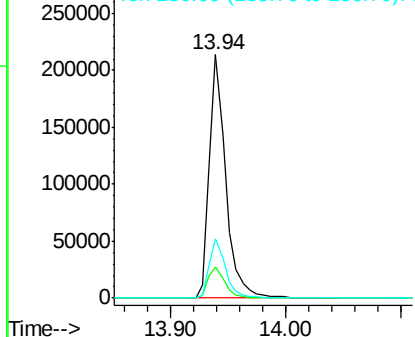


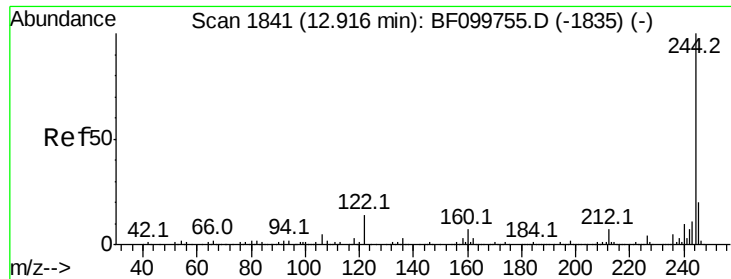
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Tgt Ion:240 Resp: 211872
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 24.4 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: 80.644 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

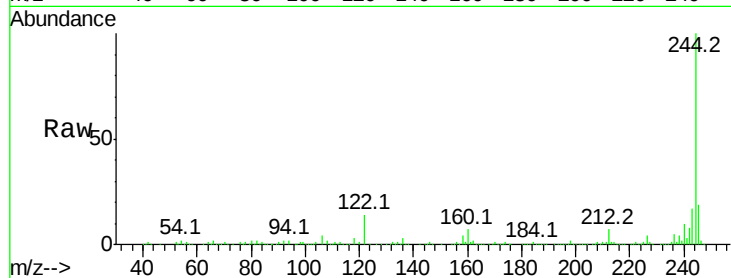
Tot Ion:244 Resp: 781840

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

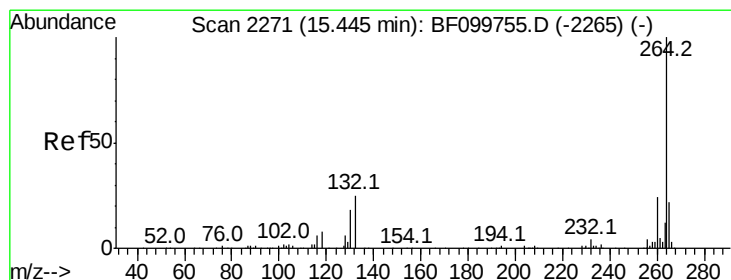
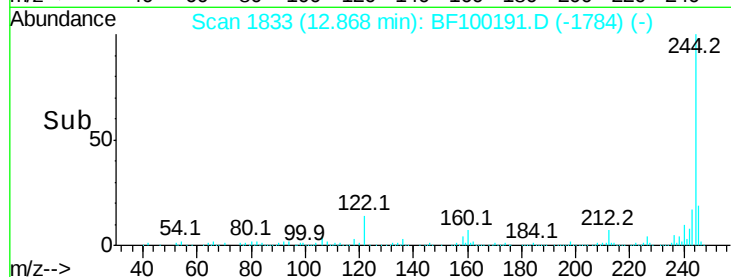
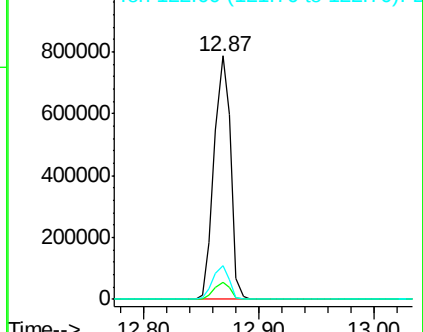
122 13.6 11.0 16.4



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: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

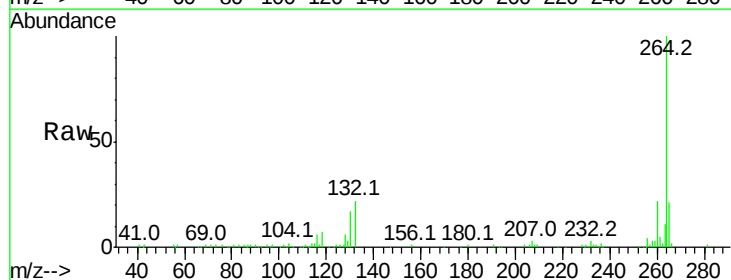
Tgt Ion:264 Resp: 156814

Ion Ratio Lower Upper

264 100

260 21.9 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

