

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100189.D
 Acq On : 4 Nov 2017 20:04
 Operator : SJ/JU
 Sample : I6313-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:51:56 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	85875	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	363239	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	169366	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	314739	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	203119	20.00	ng	-0.01
86) Perylene-d12	15.40	264	154527	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	526292	96.22	ng	0.00
7) Phenol-d6	6.42	99	628075	96.84	ng	-0.01
23) Nitrobenzene-d5	7.33	82	344098	60.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	140866	91.27	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	707338	64.43	ng	-0.01
78) Terphenyl-d14	12.87	244	630369	67.82	ng	-0.01

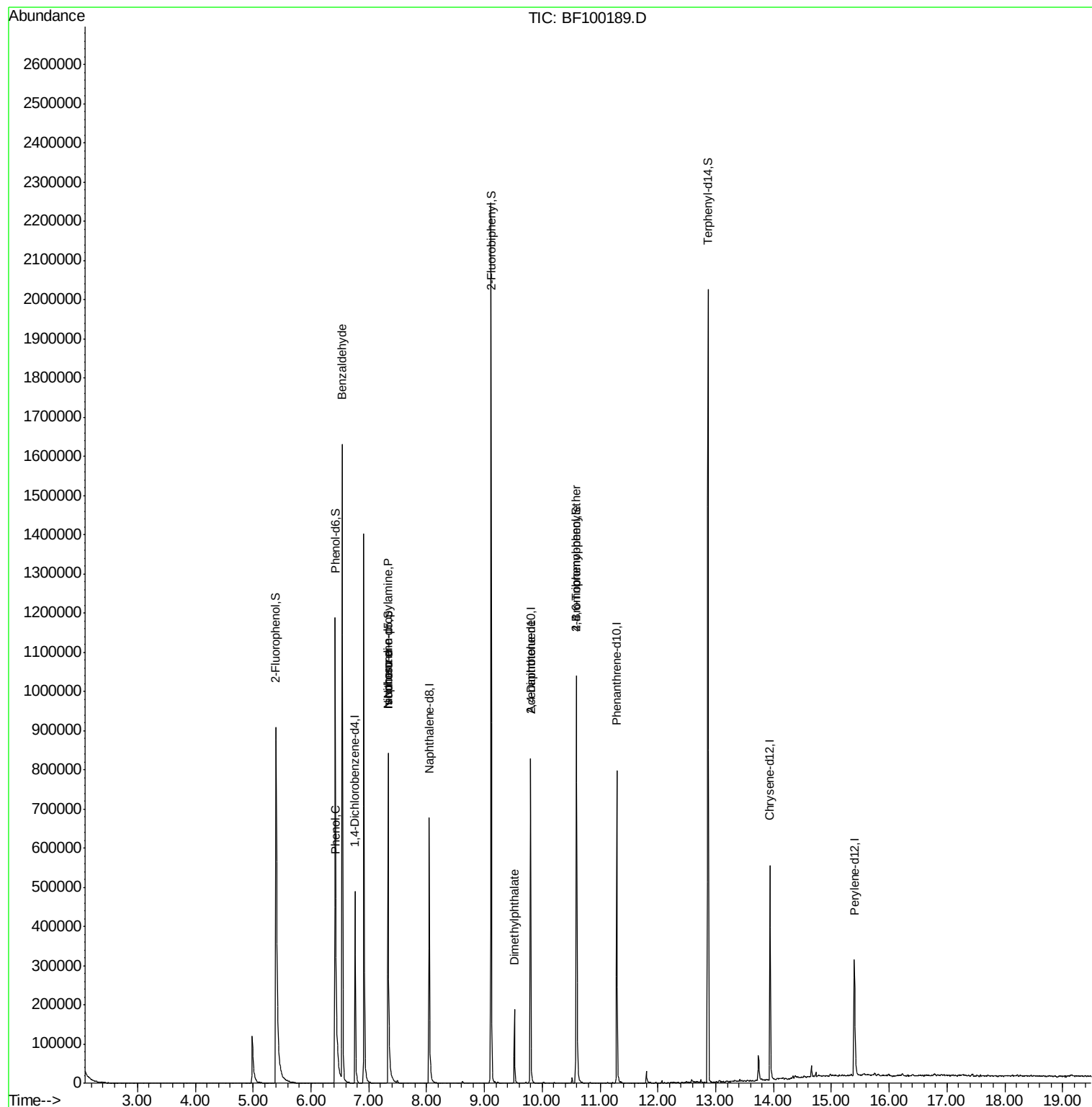
Target Compounds				Qvalue		
9) Benzaldehyde	6.54	77	9243	2.385	ng	93
10) Phenol	6.43	94	25155	3.533	ng	# 79
19) n-Nitroso-di-n-propylamine	7.33	70	42657	11.223	ng	# 70
25) Isophorone	7.33	82	344098	33.610	ng	# 64
49) Dimethylphthalate	9.52	163	88182	6.575	ng	99
56) 2,4-Dinitrotoluene	9.80	165	21271	6.264	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	9233	2.787	ng	# 1

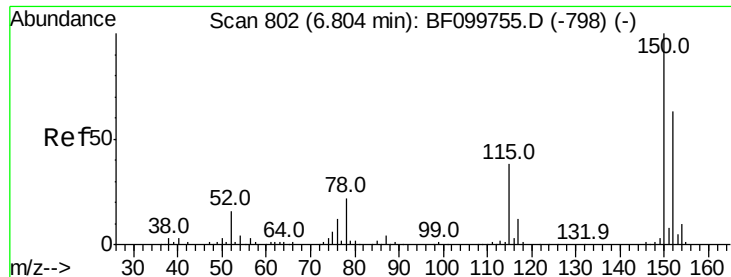
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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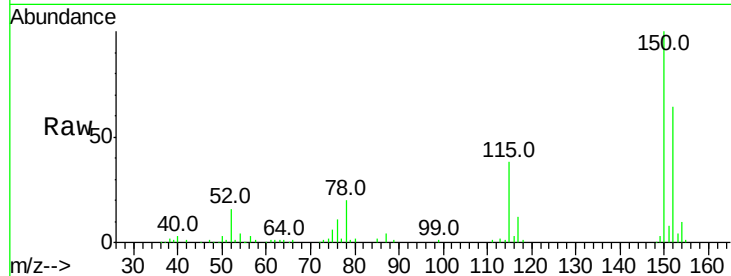


#1

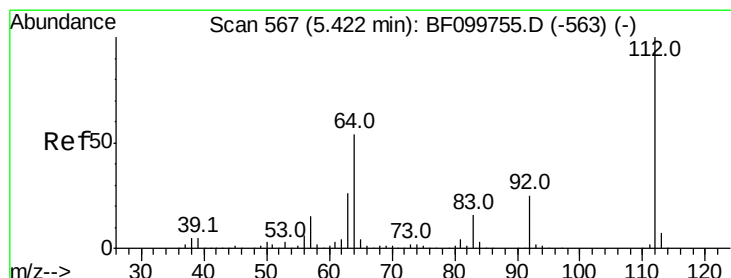
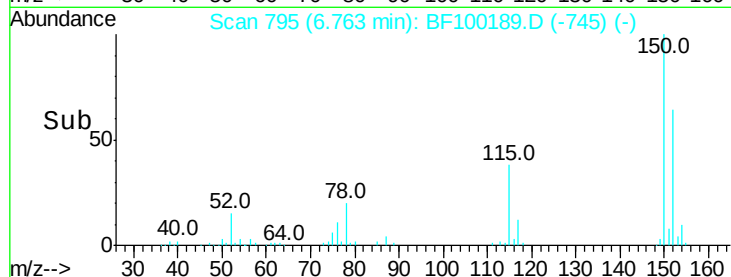
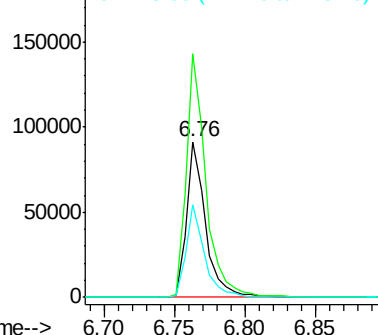
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100189.D
Acq: 4 Nov 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85875
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.2 50.1 75.1



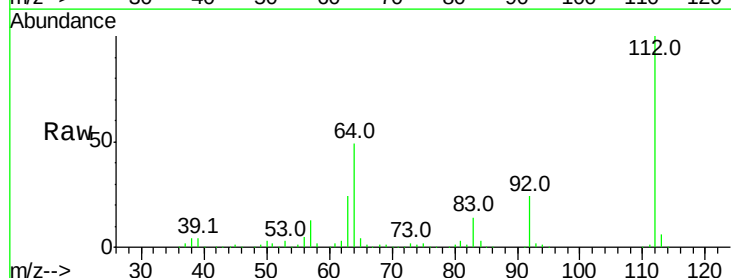
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



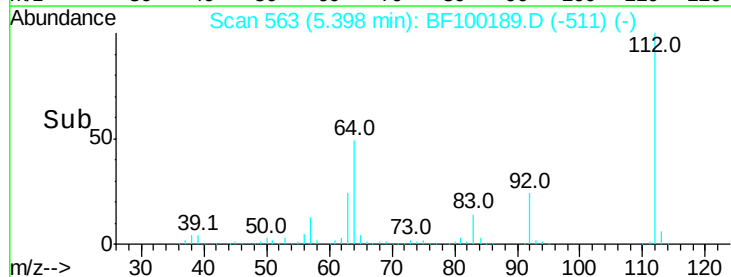
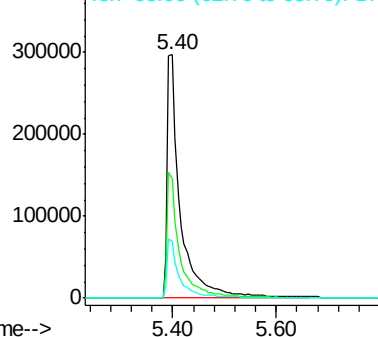
#5

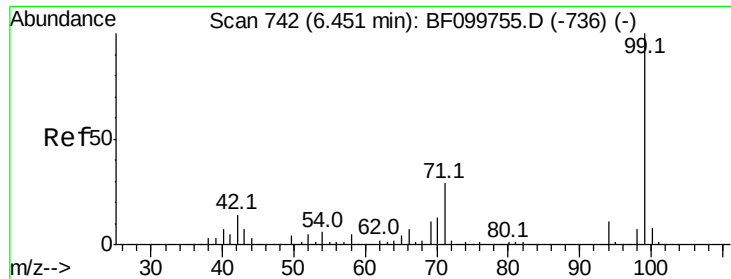
2-Fluorophenol
Concen: 96.217 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100189.D
Acq: 4 Nov 2017 20:04

Tgt Ion:112 Resp: 526292
Ion Ratio Lower Upper
112 100
64 49.1 47.9 71.9
63 23.5 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: 96.840 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

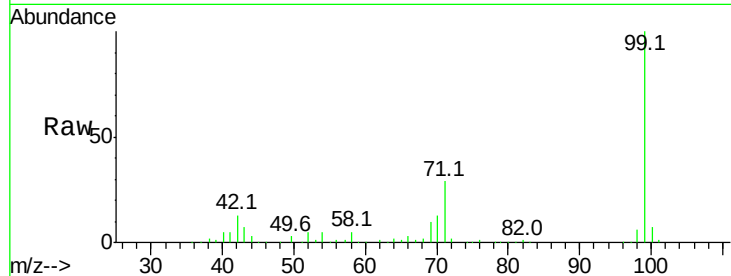
Tot Ion: 99 Resp: 628075

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

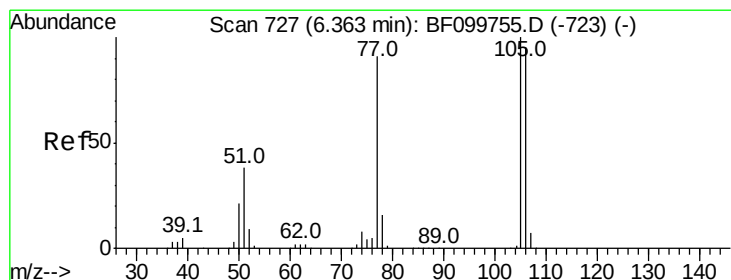
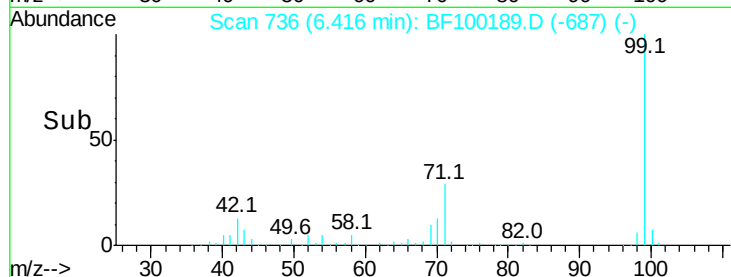
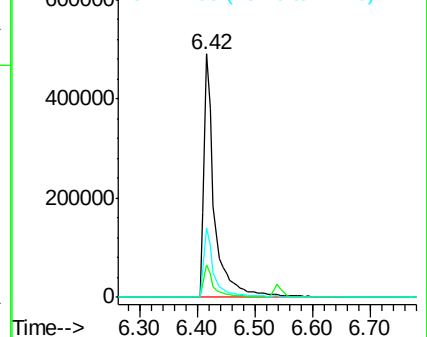
71 28.7 25.4 38.0



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: 2.385 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

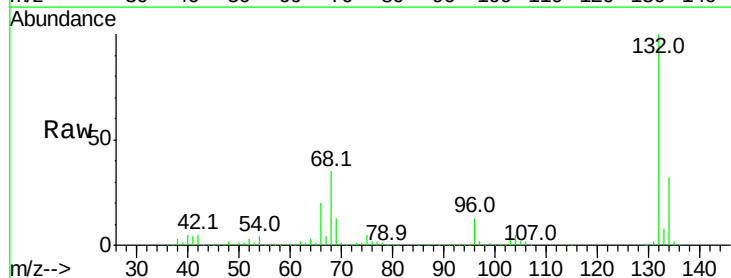
Tgt Ion: 77 Resp: 9243

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

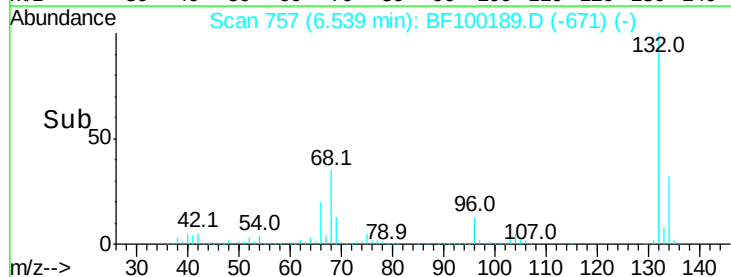
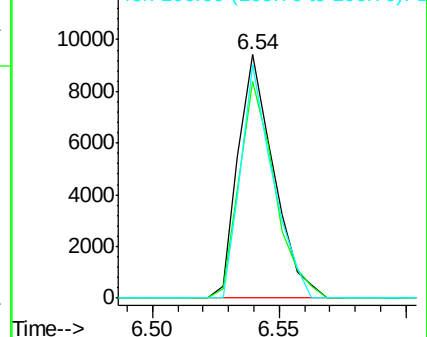
106 95.9 74.5 114.5

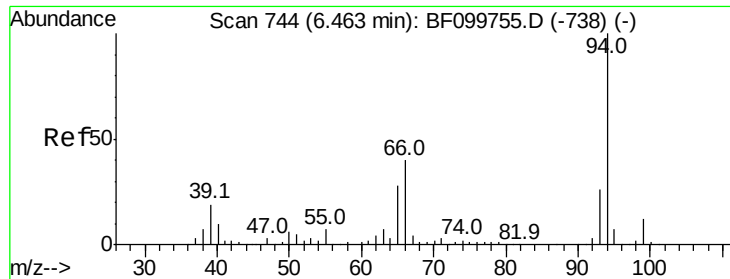


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.533 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Instrument :

BNA_F

ClientSampled :

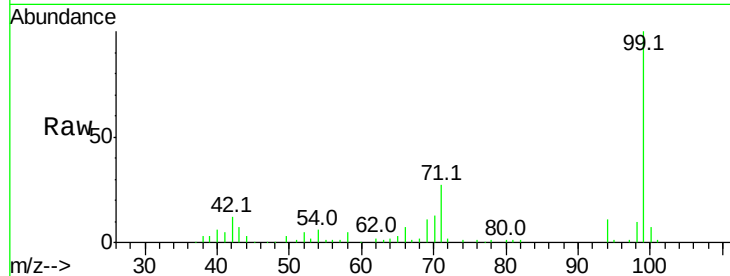
Tot Ion: 94 Resp: 25155

Ion Ratio Lower Upper

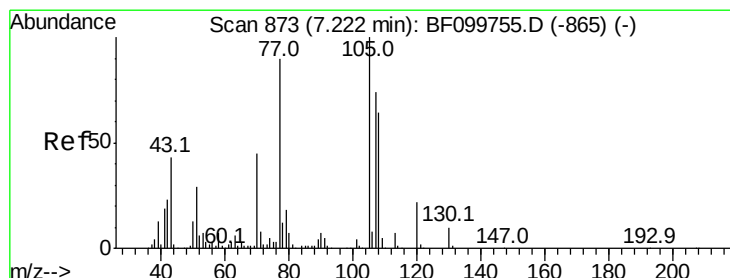
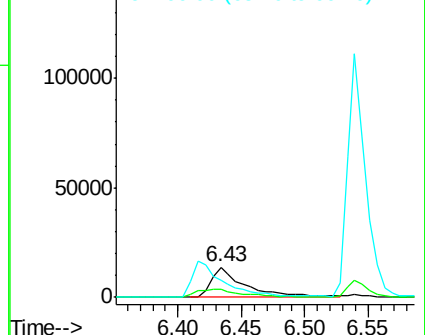
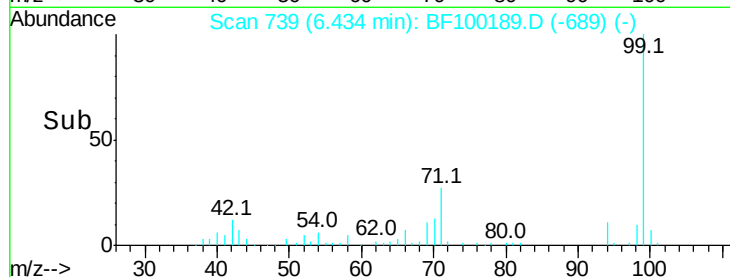
94 100

65 28.3 7.9 47.9

66 58.0 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: 11.223 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Tgt Ion: 70 Resp: 42657

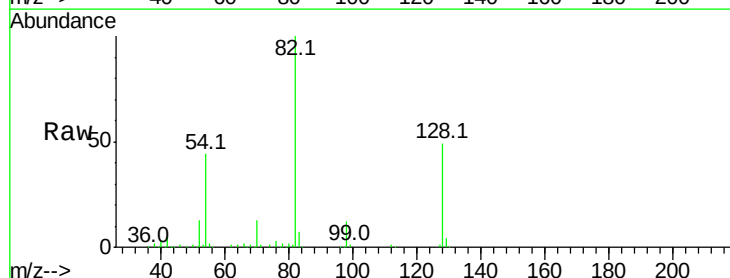
Ion Ratio Lower Upper

70 100

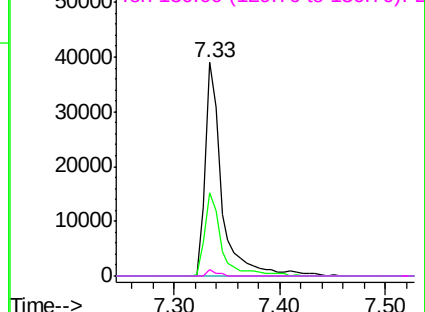
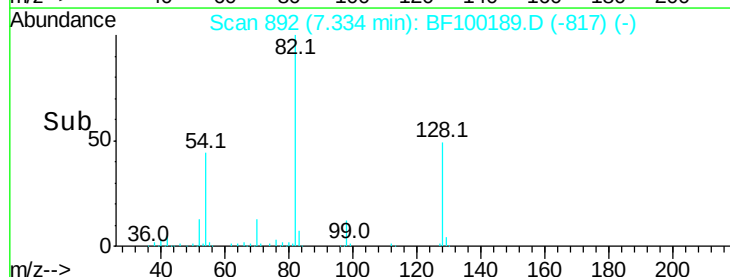
42 38.8 47.5 71.3#

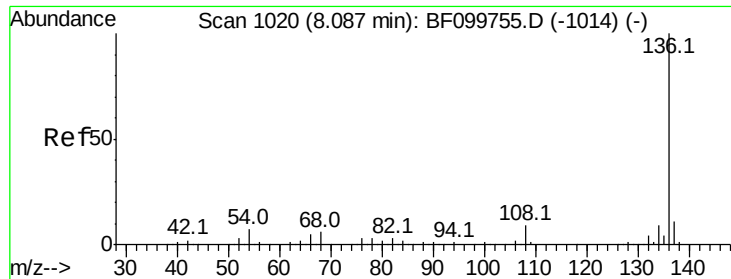
101 0.0 7.4 11.2#

130 2.9 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

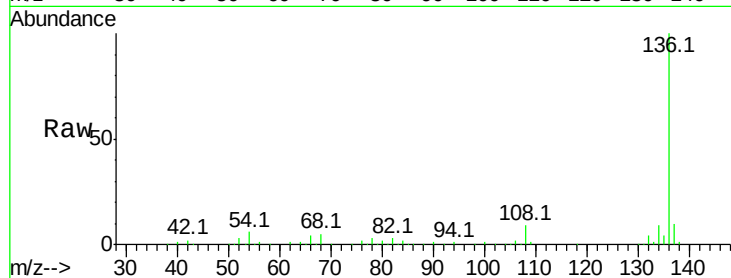




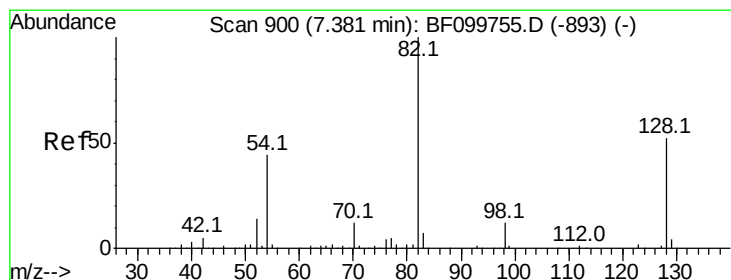
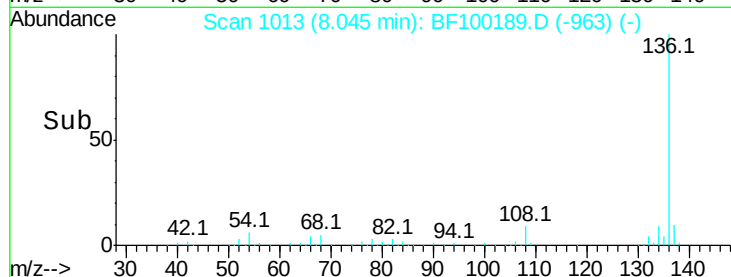
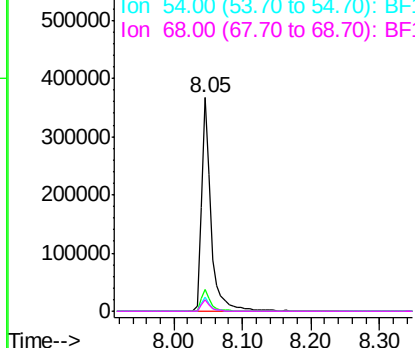
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100189.D
Acq: 4 Nov 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	363239
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.5	6.6	9.8#
68	5.3	5.0	7.4

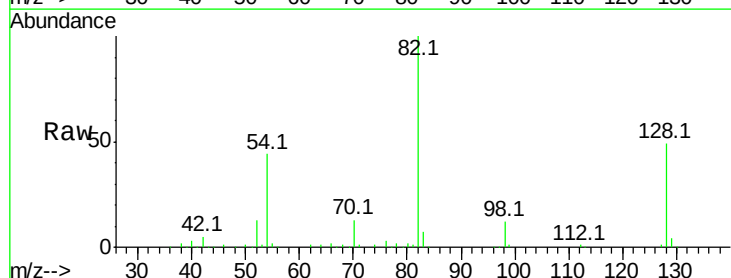


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

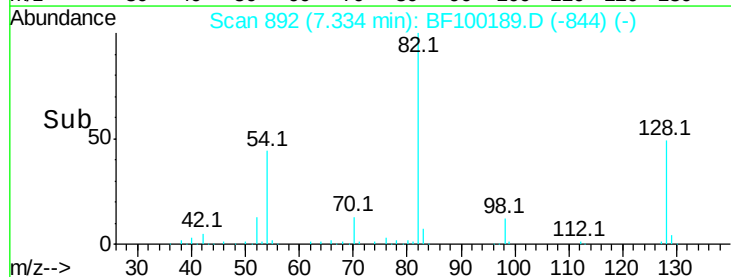
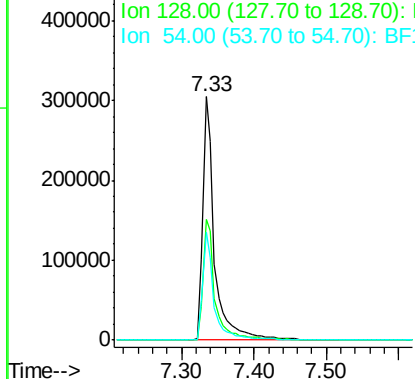


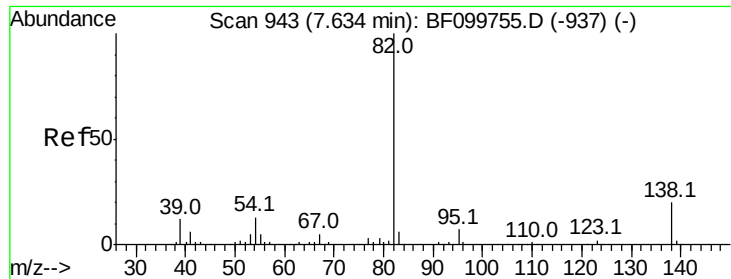
#23
Nitrobenzene-d5
Concen: 60.988 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100189.D
Acq: 4 Nov 2017 20:04

Tgt Ion:	82	Resp:	344098
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	44.4	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: 33.610 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

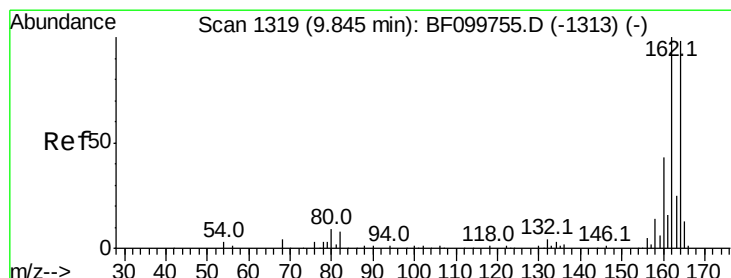
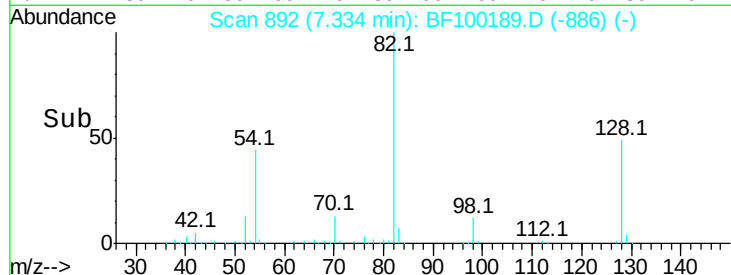
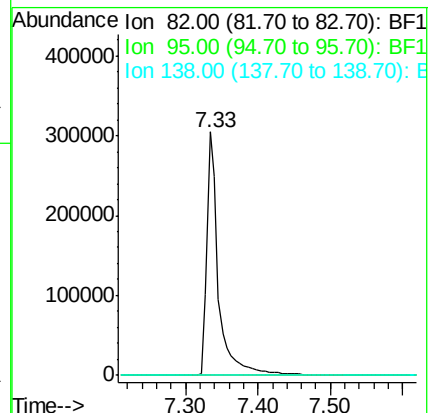
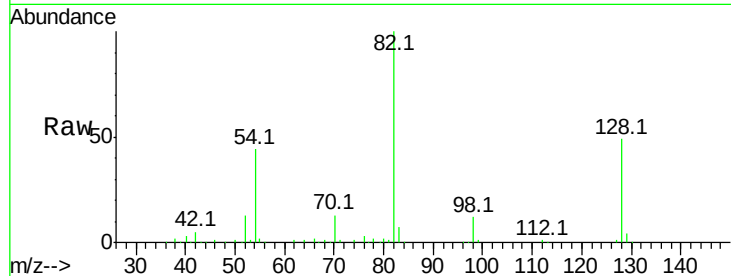
Tot Ion: 82 Resp: 344098

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

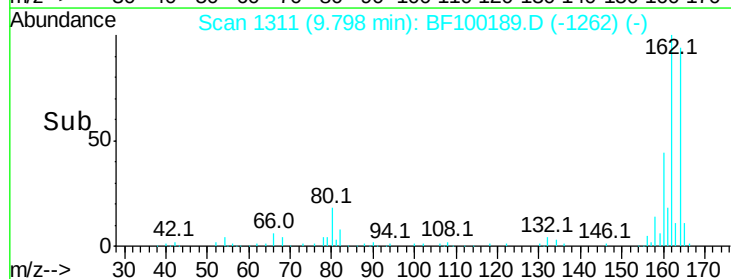
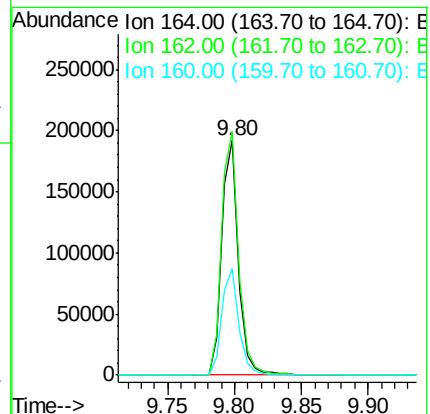
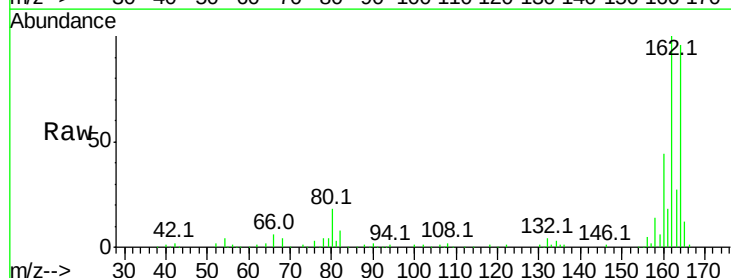
Tgt Ion: 164 Resp: 169366

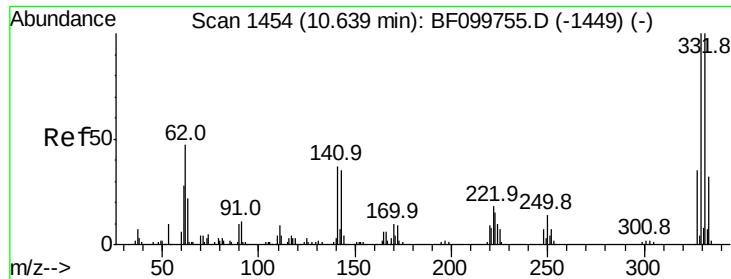
Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

160 45.2 38.3 57.5

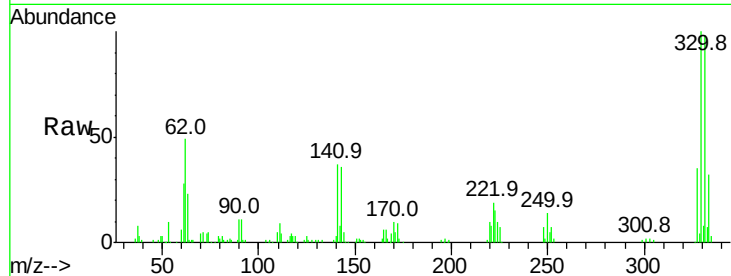




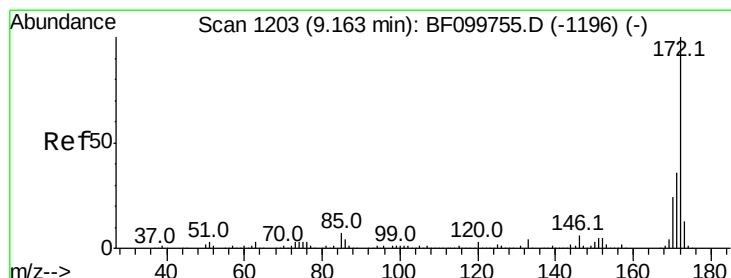
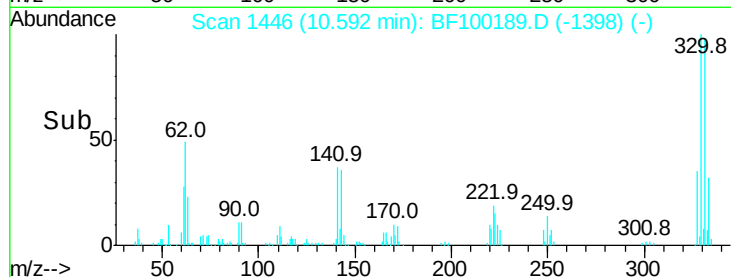
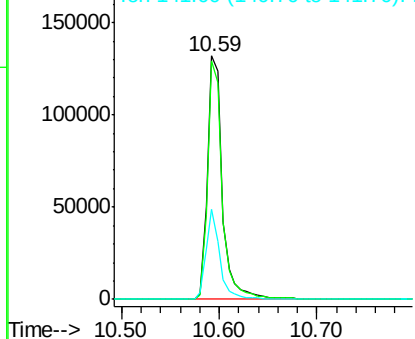
#41
 2,4,6-Tribromophenol
 Concen: 91.266 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100189.D
 Acq: 4 Nov 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.9	29.9	44.9

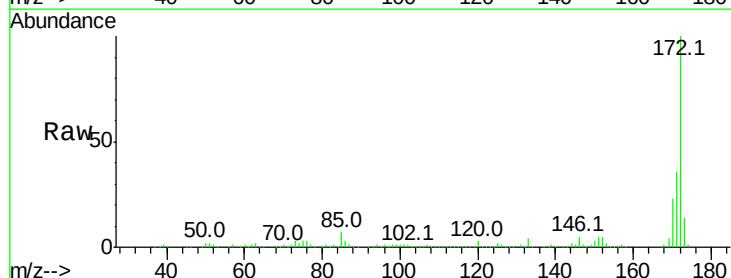


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

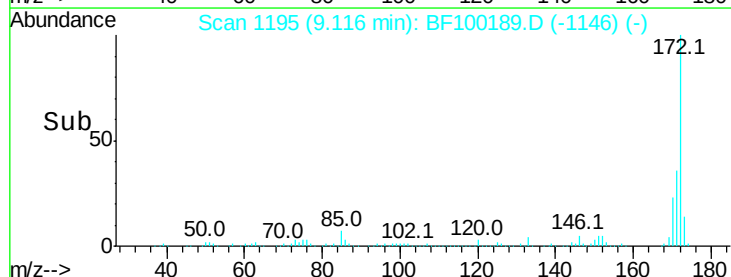
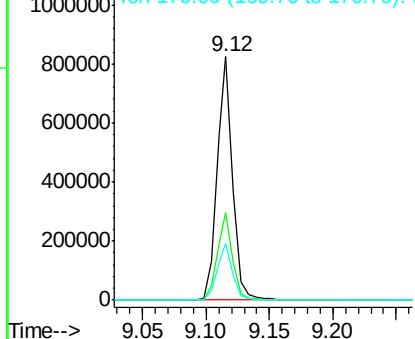


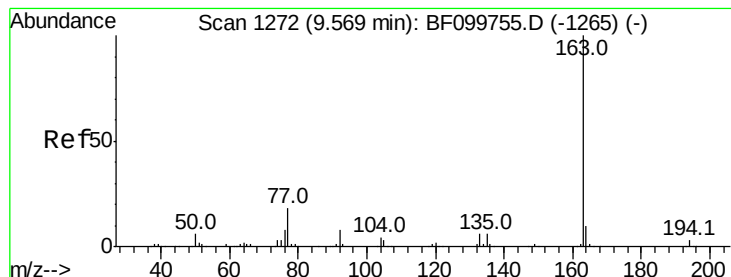
#44
 2-Fluorobiphenyl
 Concen: 64.435 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100189.D
 Acq: 4 Nov 2017 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	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: 6.575 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

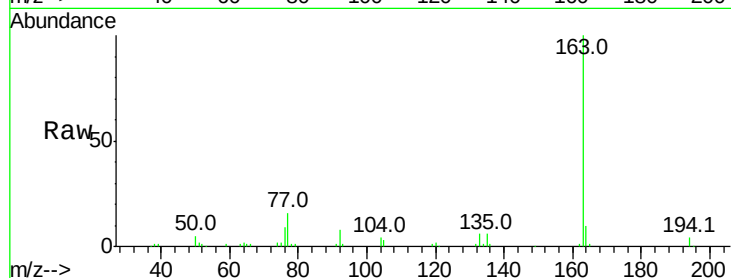
Tot Ion:163 Resp: 88182

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

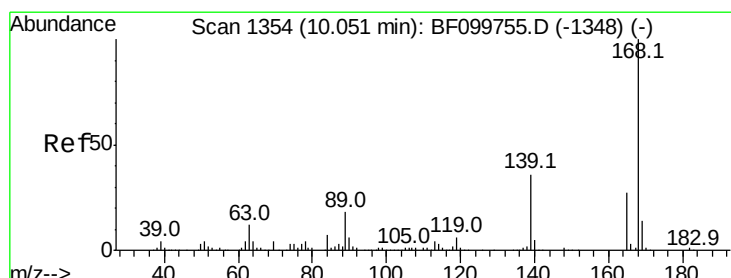
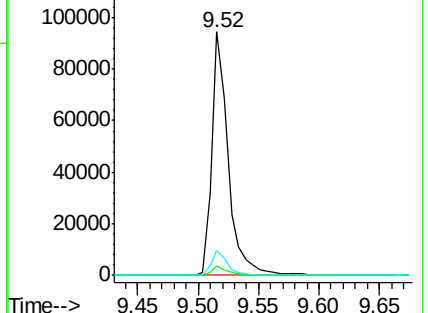
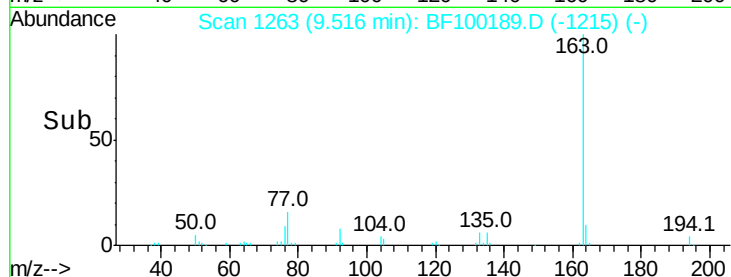
164 10.3 8.2 12.2



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: 6.264 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.23 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Tgt Ion:165 Resp: 21271

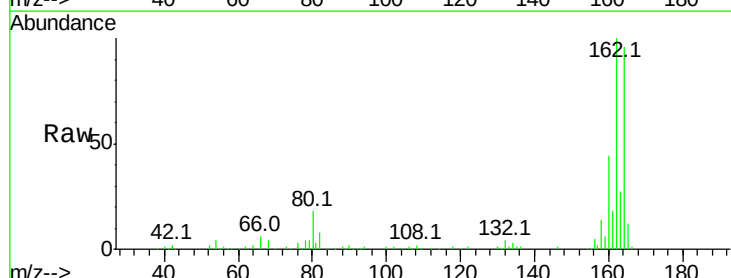
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

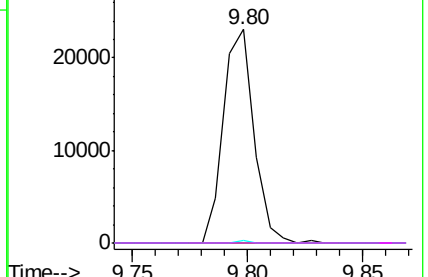
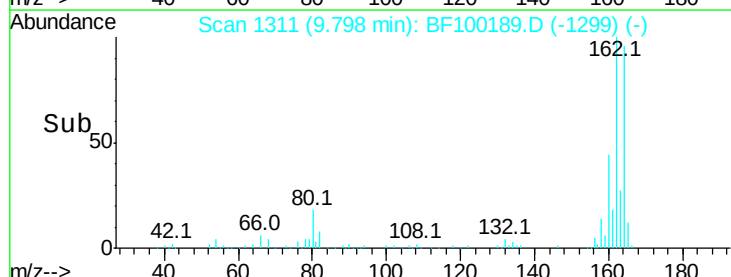


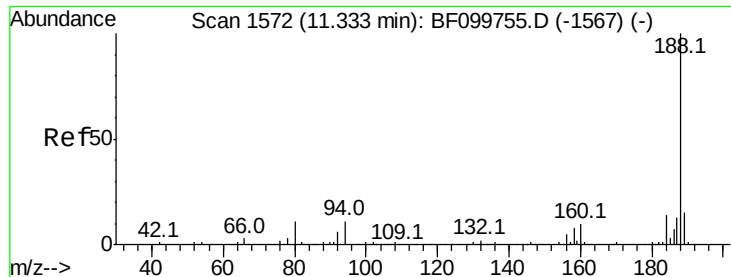
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

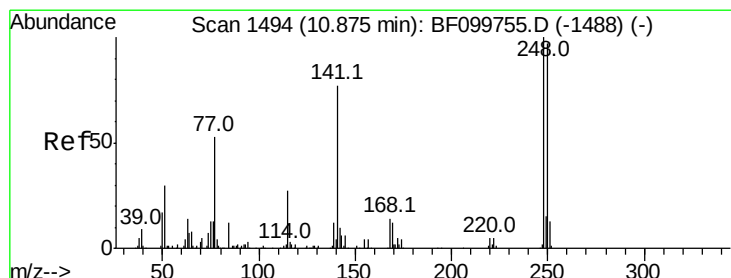
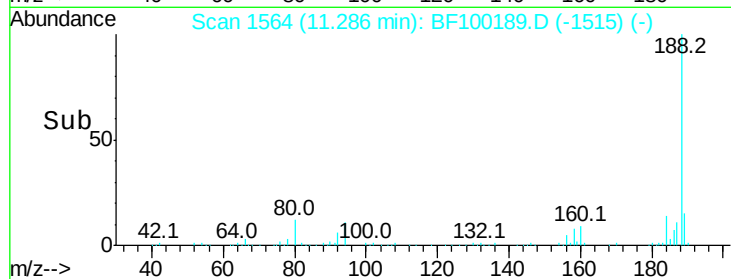
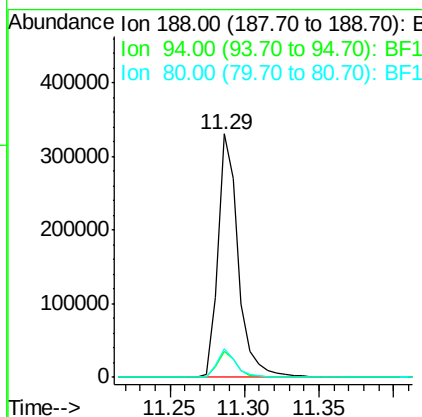
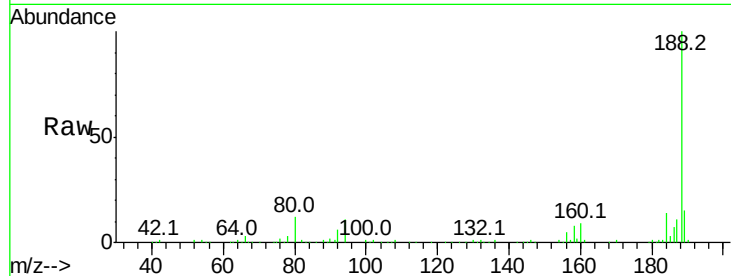




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100189.D
 Acq: 4 Nov 2017 20:04

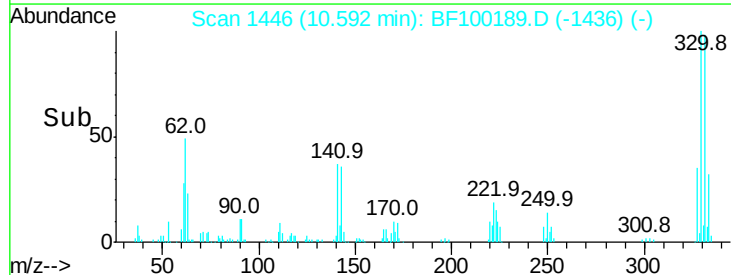
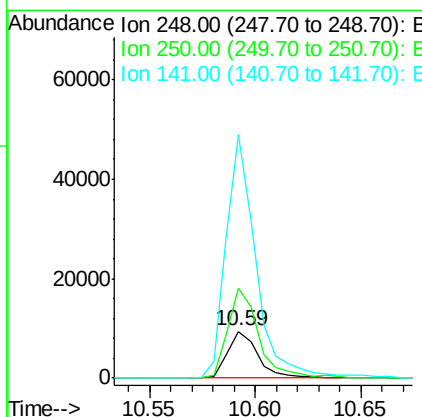
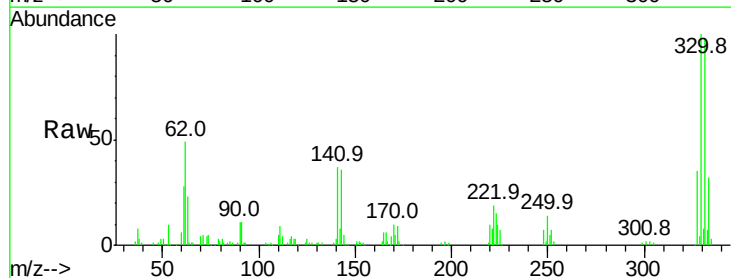
Instrument :
 BNA_F
 ClientSampleId :

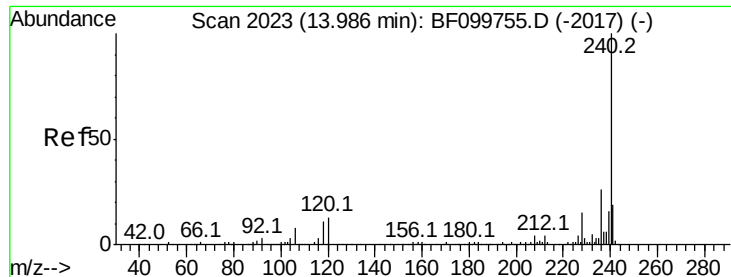
Tot Ion:188 Resp: 314739
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.787 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100189.D
 Acq: 4 Nov 2017 20:04

Tgt Ion:248 Resp: 9233
 Ion Ratio Lower Upper
 248 100
 250 193.1 76.9 115.3#
 141 522.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

Instrument :

BNA_F

ClientSampled :

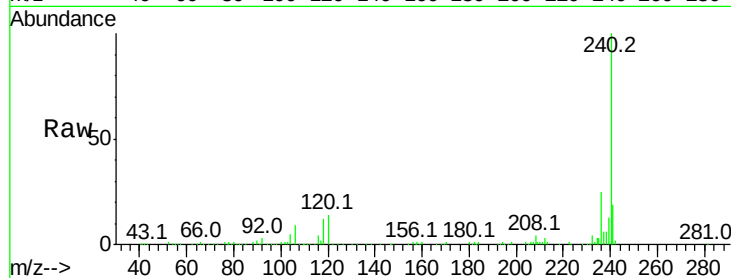
Tot Ion:240 Resp: 203119

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

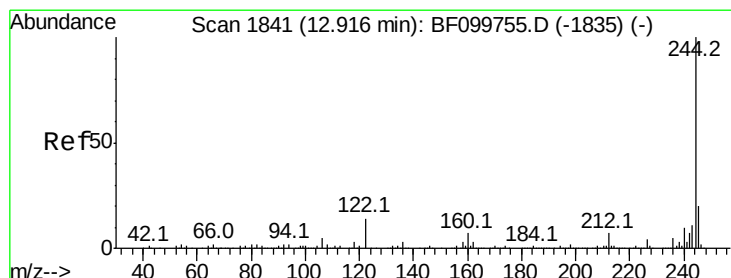
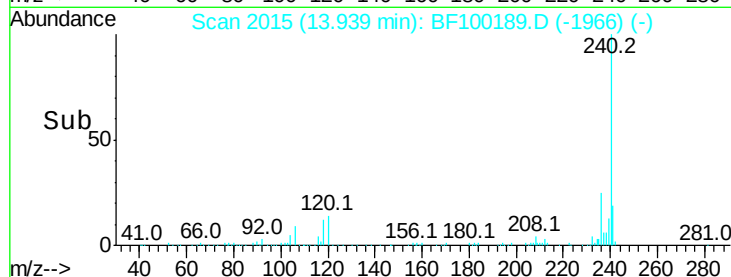
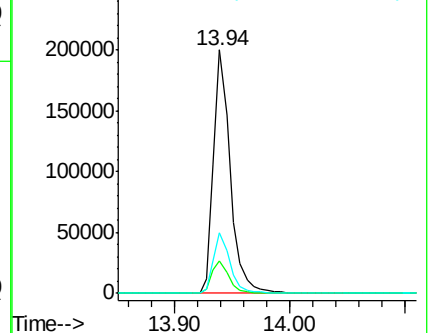
236 24.7 20.7 31.1



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: 67.822 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100189.D

Acq: 4 Nov 2017 20:04

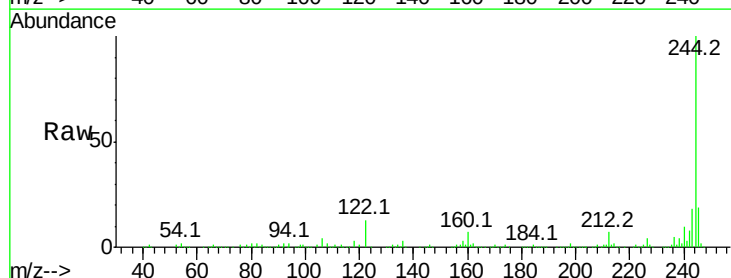
Tgt Ion:244 Resp: 630369

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

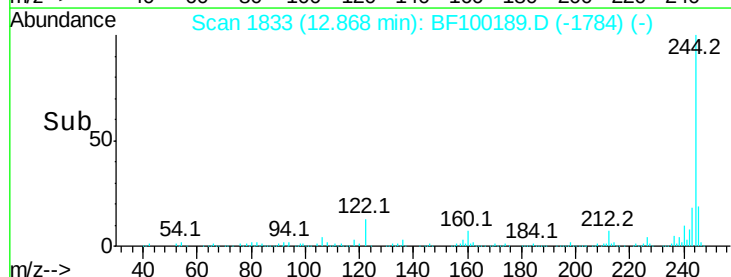
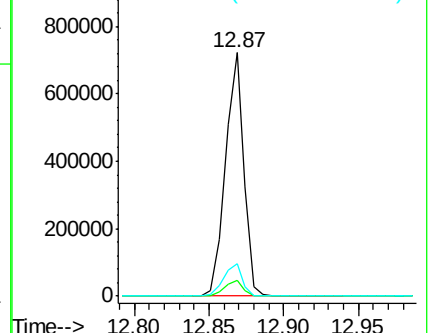
122 13.1 11.0 16.4

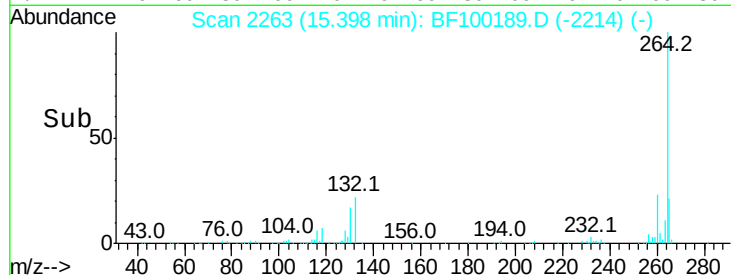
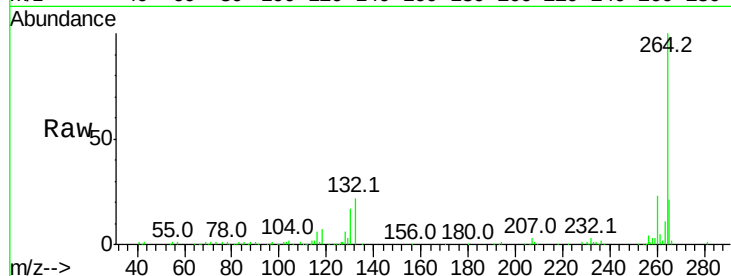
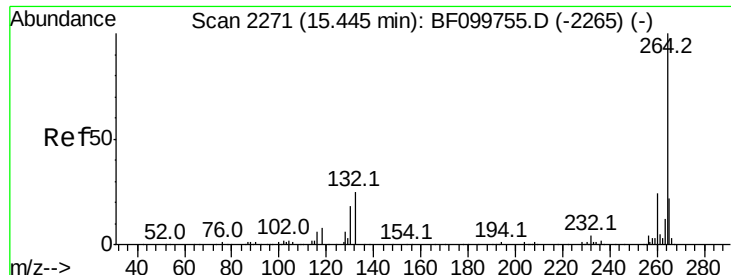


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100189.D
 Acq: 4 Nov 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	154527
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3

