

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100187.D
 Acq On : 4 Nov 2017 19:11
 Operator : SJ/JU
 Sample : I6313-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:51:34 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

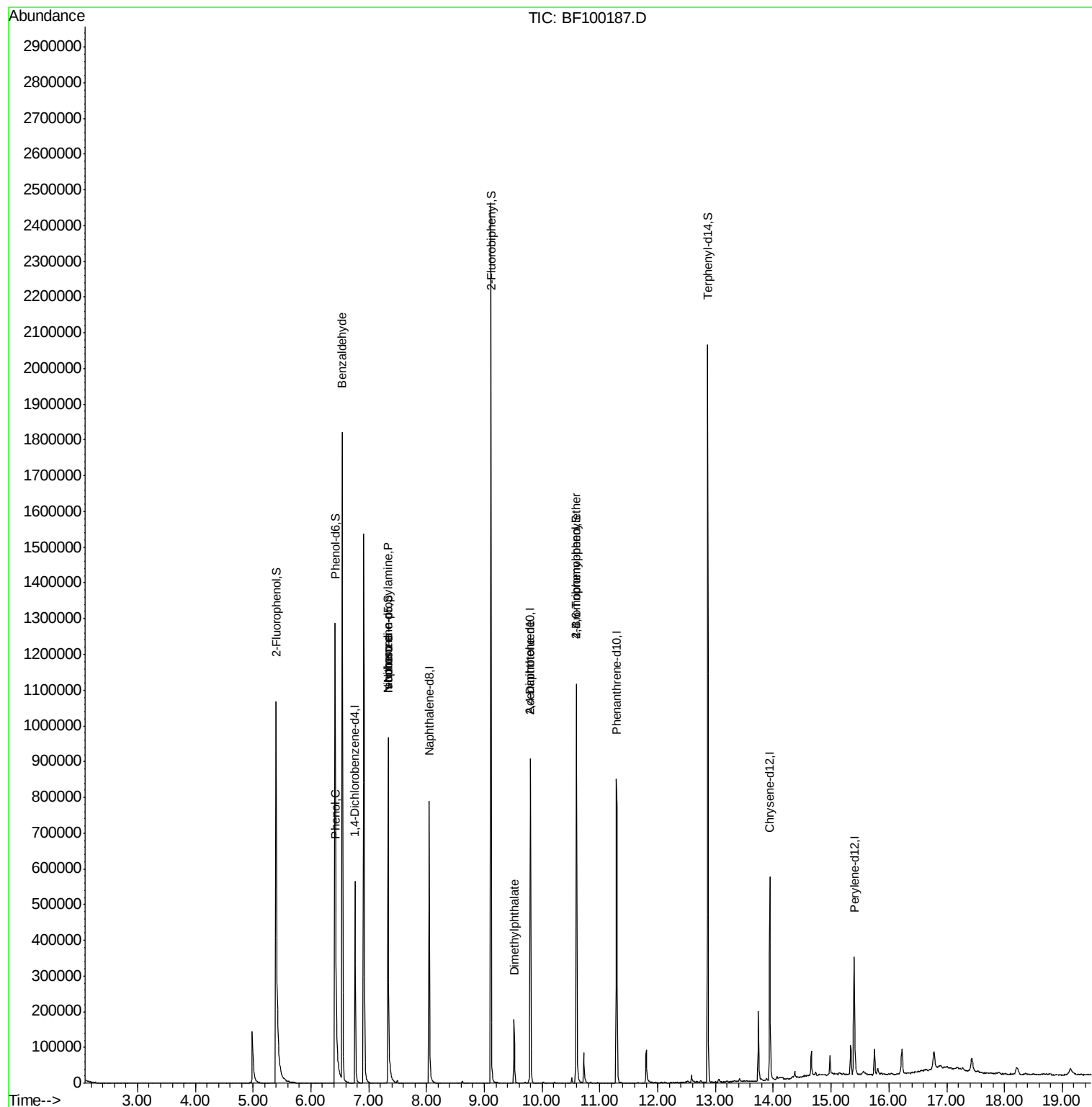
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	100759	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	414771	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	188368	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	343346	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	208939	20.00	ng	-0.01
86) Perylene-d12	15.40	264	169582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	579804	90.34	ng	0.00
7) Phenol-d6	6.42	99	692881	91.05	ng	0.00
23) Nitrobenzene-d5	7.33	82	382208	59.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	152407	88.78	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	788483	64.58	ng	-0.01
78) Terphenyl-d14	12.87	244	663337	69.38	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	10362	2.279	ng	90
10) Phenol	6.43	94	29055	3.477	ng	82
19) n-Nitroso-di-n-propylamine	7.33	70	46971	10.533	ng	# 72
25) Isophorone	7.33	82	382208	32.694	ng	# 64
49) Dimethylphthalate	9.52	163	80854	5.420	ng	99
56) 2,4-Dinitrotoluene	9.80	165	23633	6.258	ng	# 24
66) 4-Bromophenyl-phenylether	10.59	248	9922	2.745	ng	# 1

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

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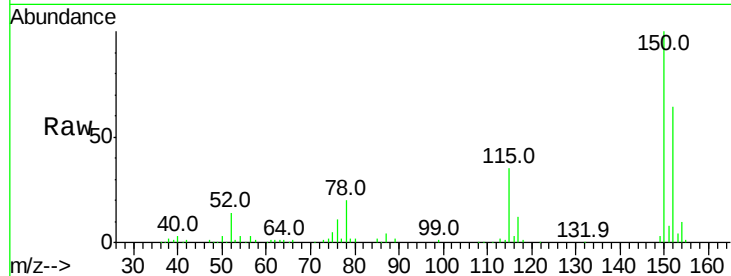


#1

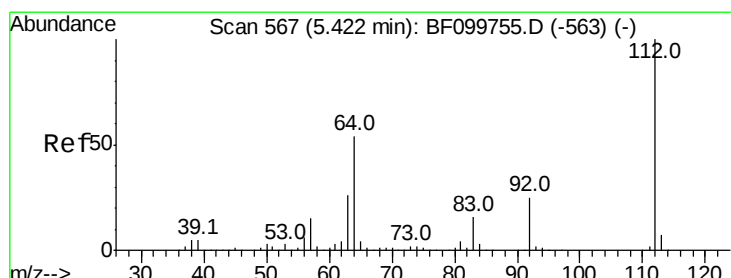
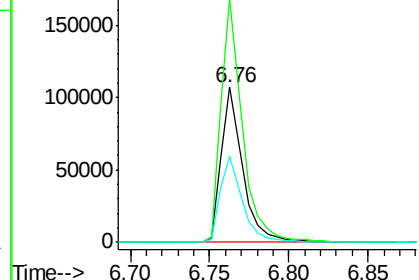
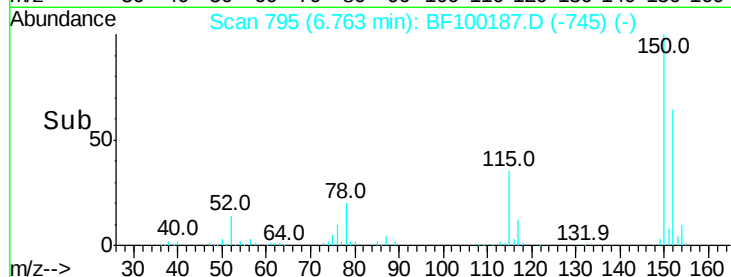
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100759
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 55.6 50.1 75.1



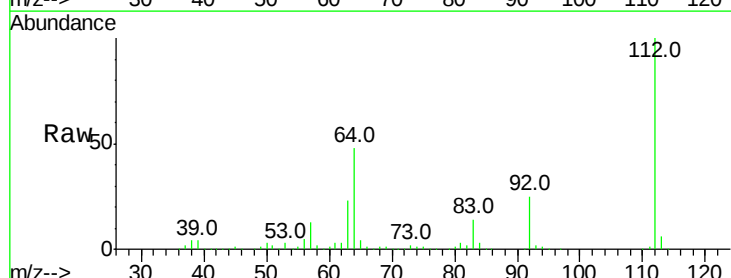
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



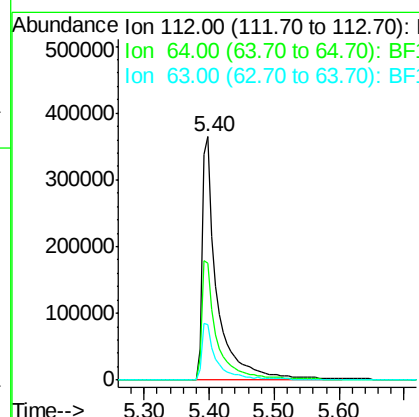
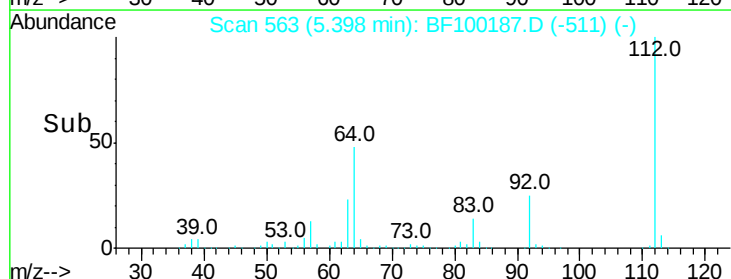
#5

2-Fluorophenol
Concen: 90.342 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:112 Resp: 579804
Ion Ratio Lower Upper
112 100
64 48.1 47.9 71.9
63 22.7 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: 91.051 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

Instrument :

BNA_F

ClientSampleId :

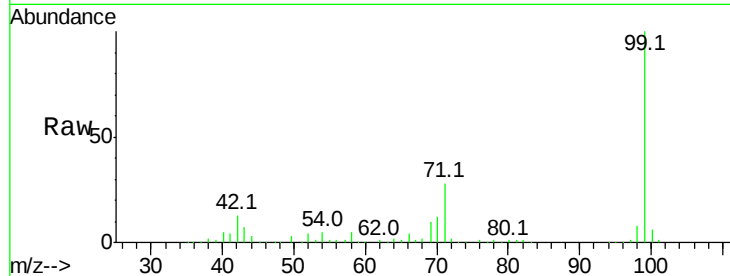
Tot Ion: 99 Resp: 692881

Ion Ratio Lower Upper

99 100

42 12.5 14.5 21.7#

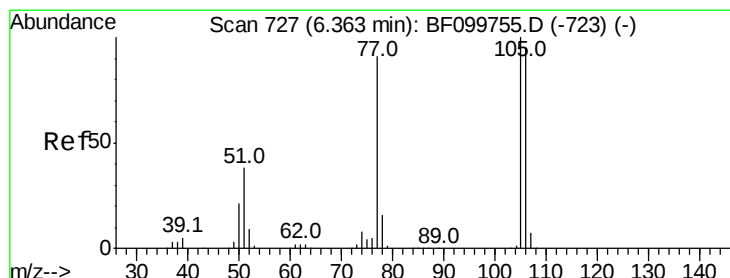
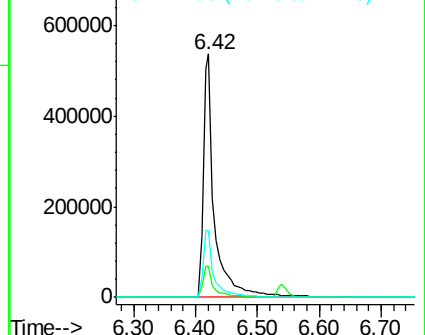
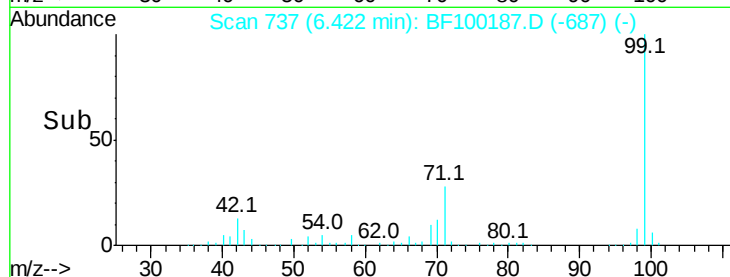
71 27.6 25.4 38.0



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: 2.279 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

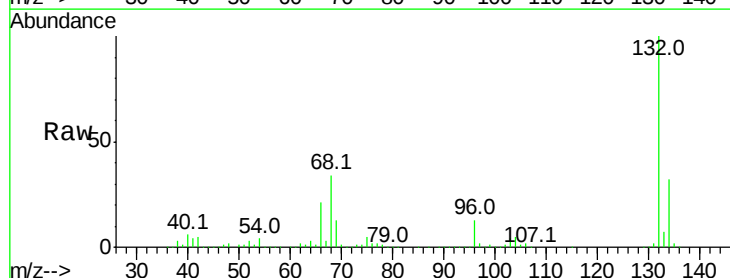
Tgt Ion: 77 Resp: 10362

Ion Ratio Lower Upper

77 100

105 86.5 81.1 121.1

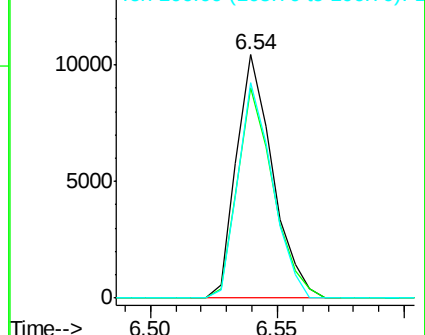
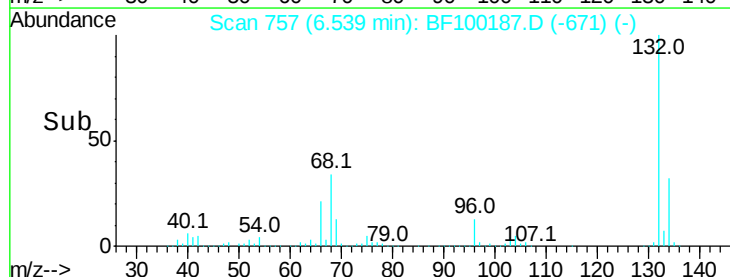
106 88.6 74.5 114.5

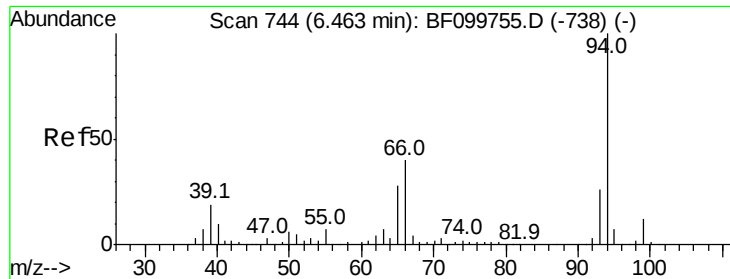


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

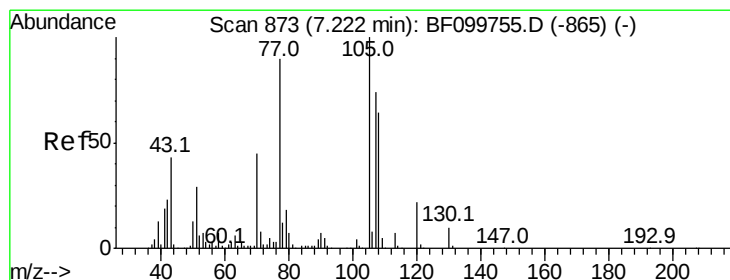
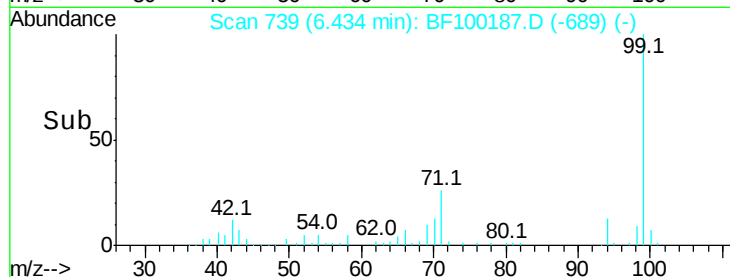
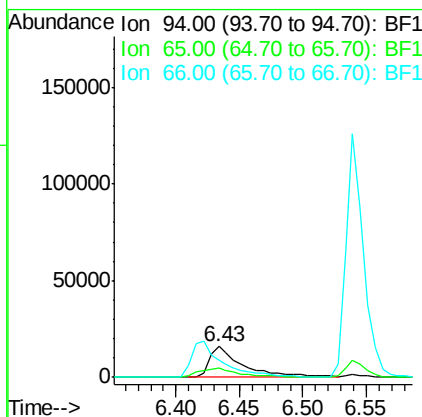
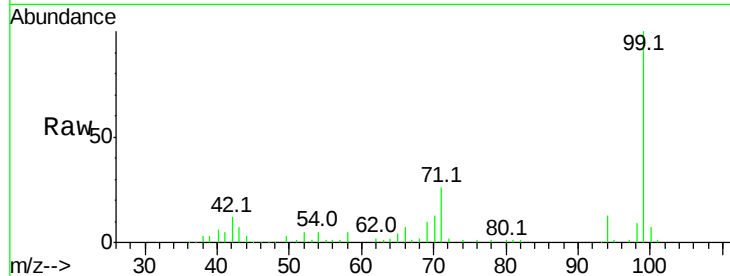




#10
Phenol
Concen: 3.477 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

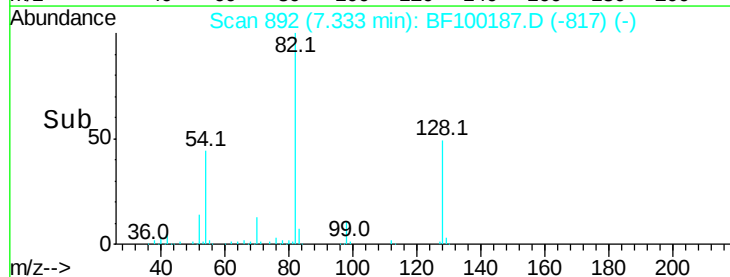
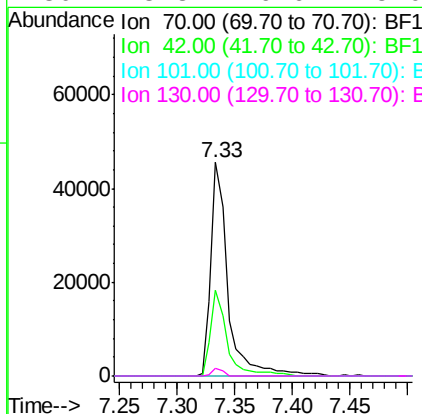
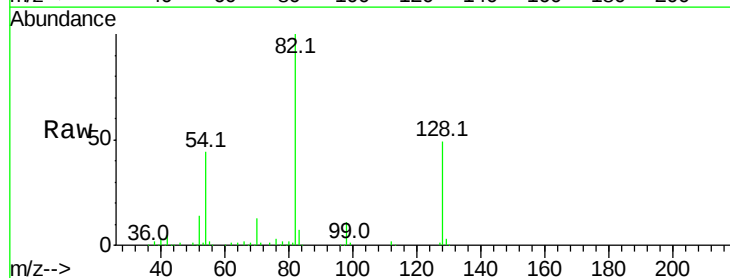
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 29055
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 54.9 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.533 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion: 70 Resp: 46971
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 3.3 16.6 25.0#

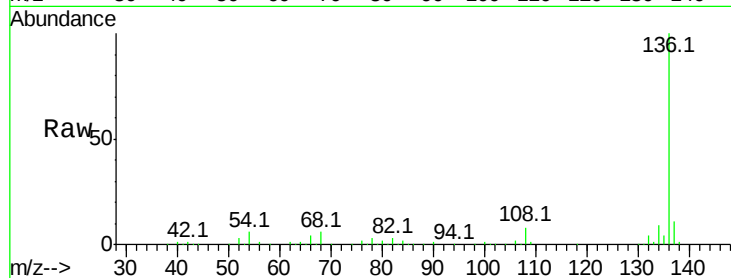




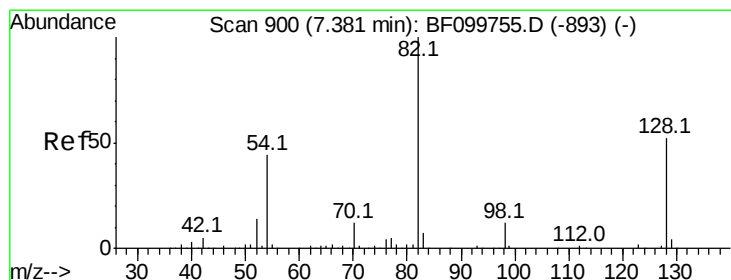
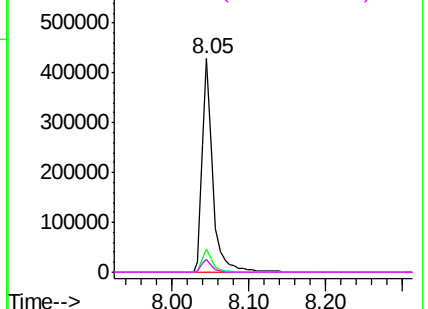
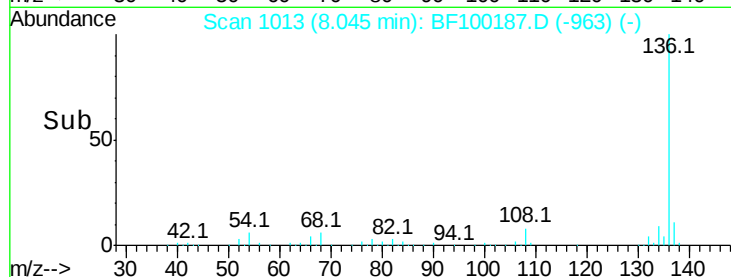
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	414771
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4

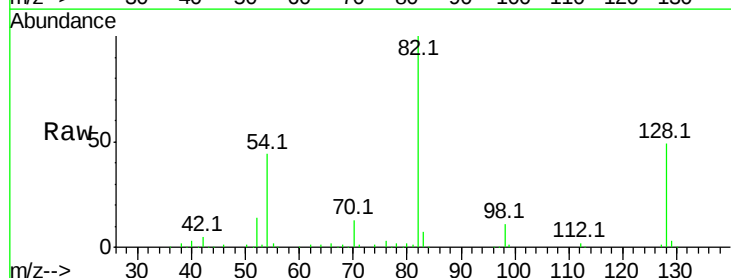


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

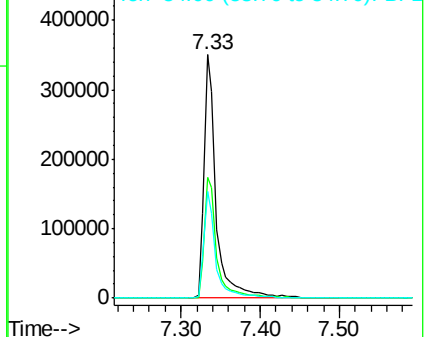
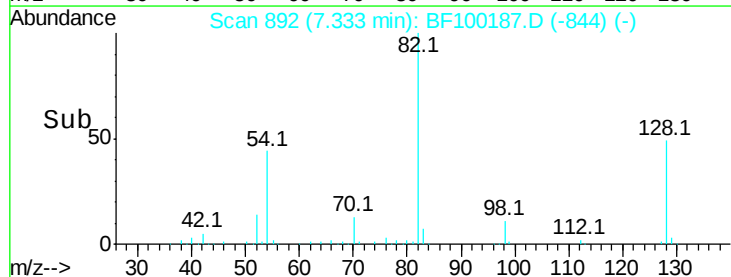


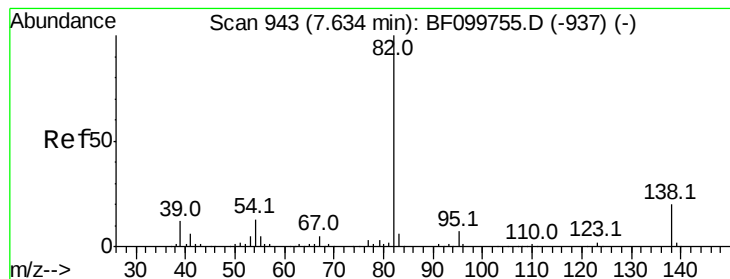
#23
Nitrobenzene-d5
Concen: 59.326 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:	82	Resp:	382208
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	43.6	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: 32.694 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

Instrument :

BNA_F

ClientSampled :

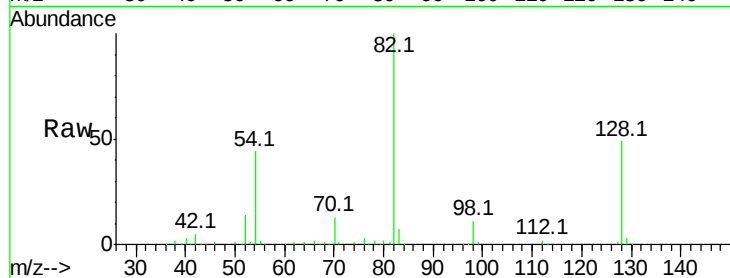
Tot Ion: 82 Resp: 382208

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

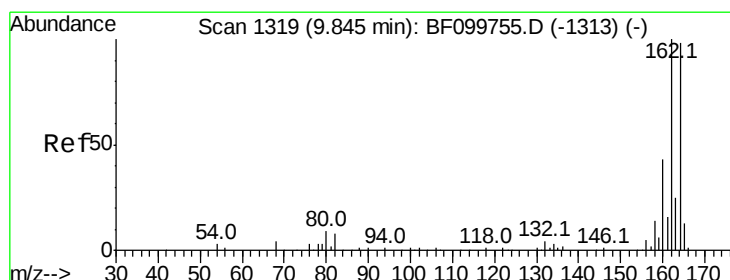
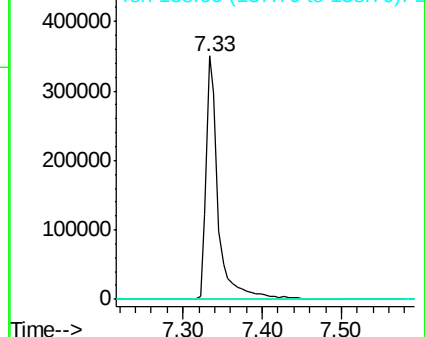
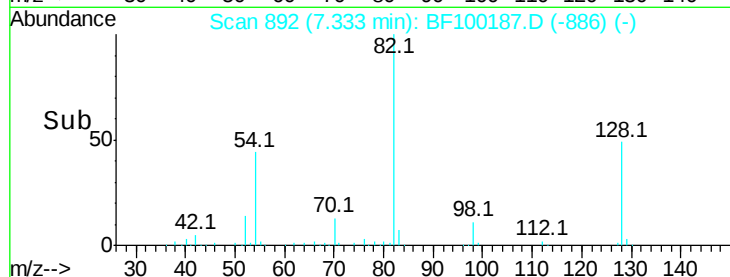
138 0.0 14.9 22.3#



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100187.D

Acq: 4 Nov 2017 19:11

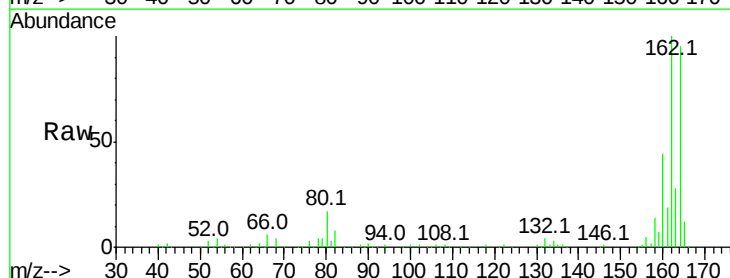
Tgt Ion:164 Resp: 188368

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

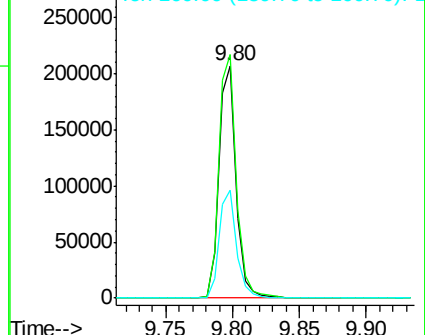
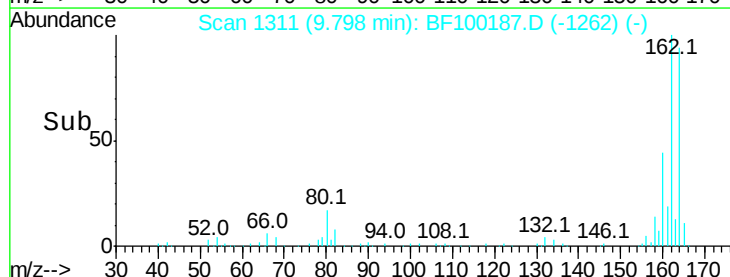
160 46.5 38.3 57.5



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

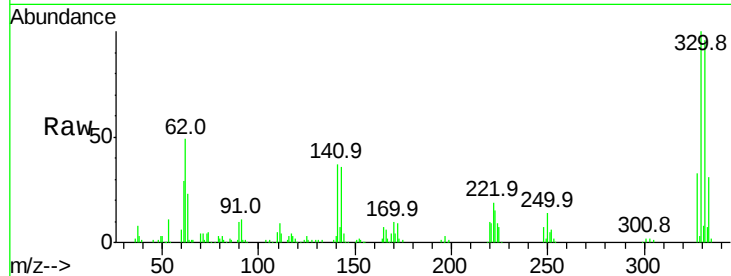




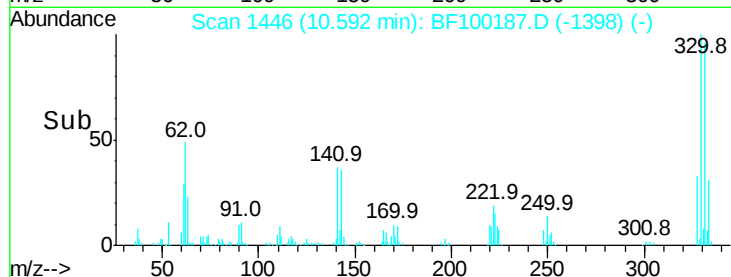
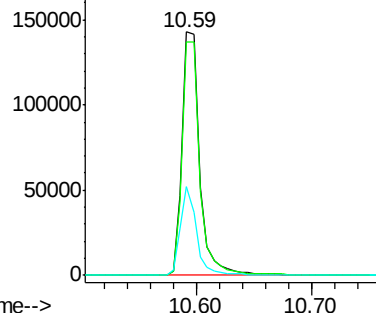
#41
 2,4,6-Tribromophenol
 Concen: 88.783 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100187.D
 Acq: 4 Nov 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.4	29.9	44.9

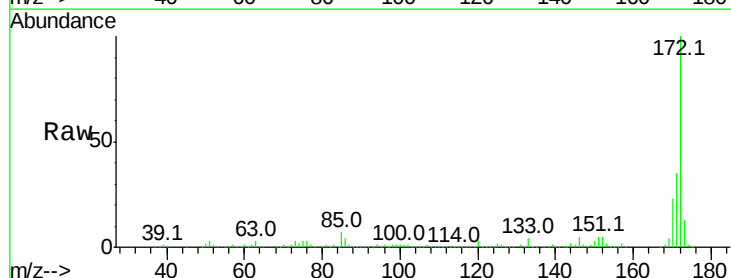


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

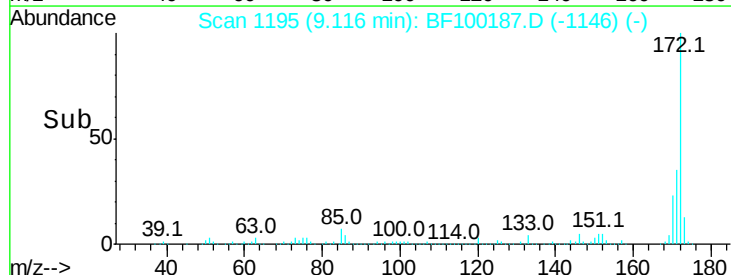
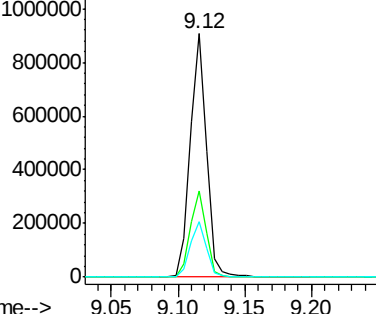


#44
 2-Fluorobiphenyl
 Concen: 64.581 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100187.D
 Acq: 4 Nov 2017 19:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.9	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

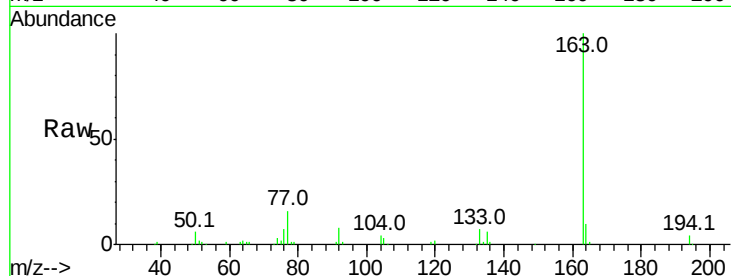




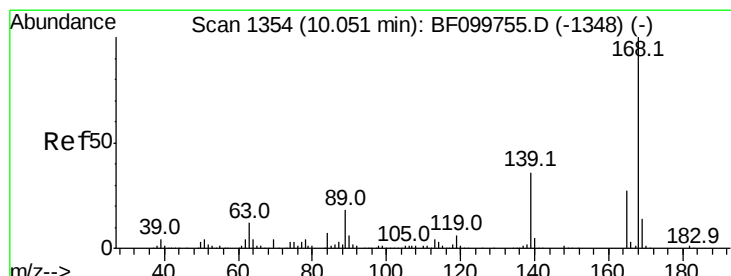
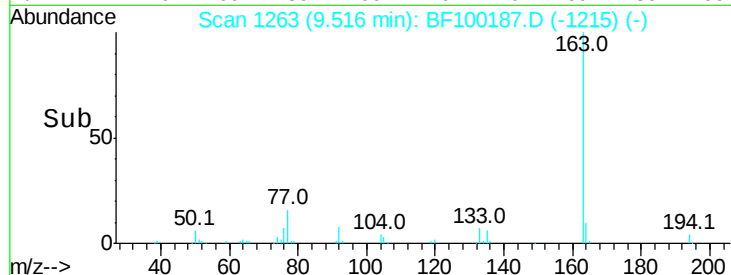
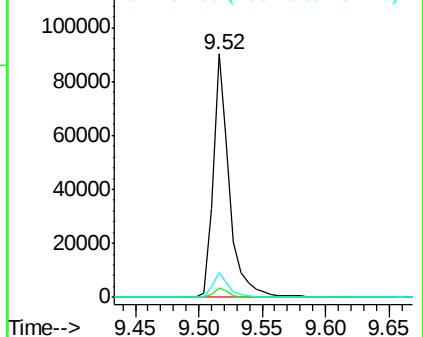
#49
Dimethylphthalate
Concen: 5.420 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 80854
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.9 8.2 12.2

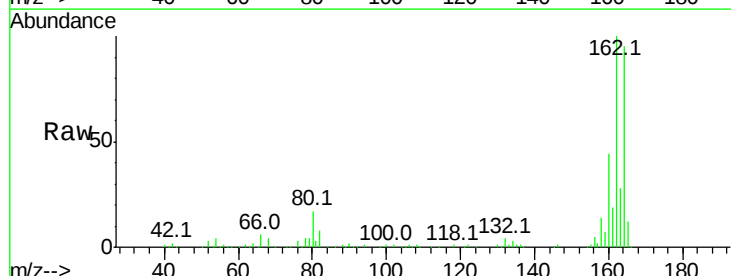


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

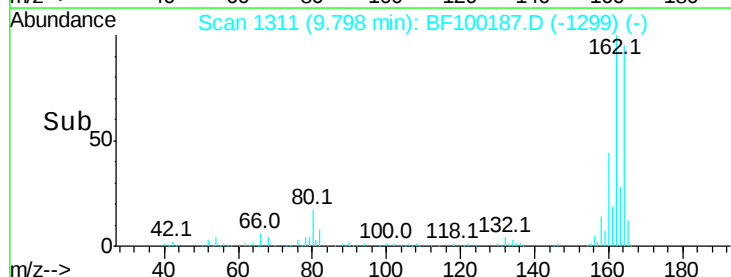
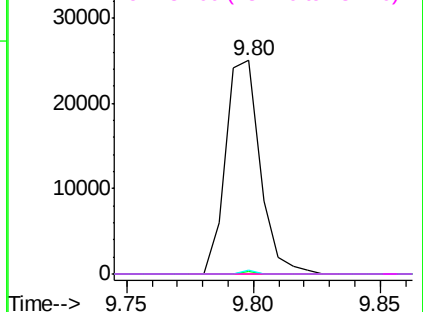


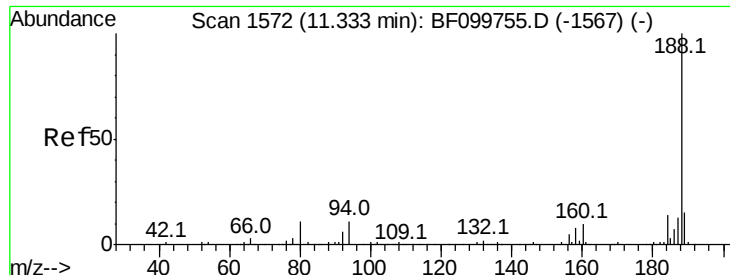
#56
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:165 Resp: 23633
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.9 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

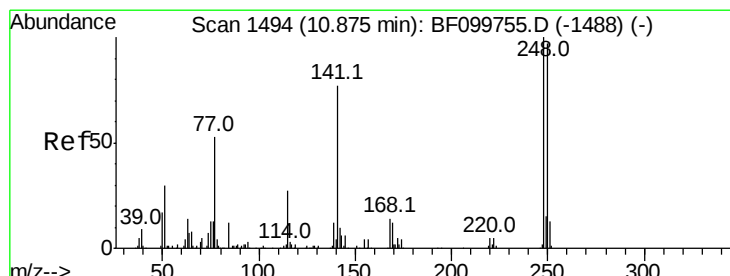
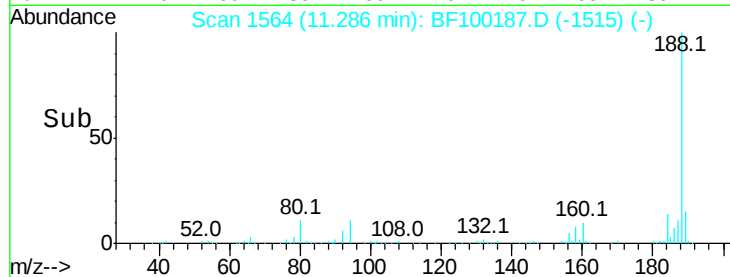
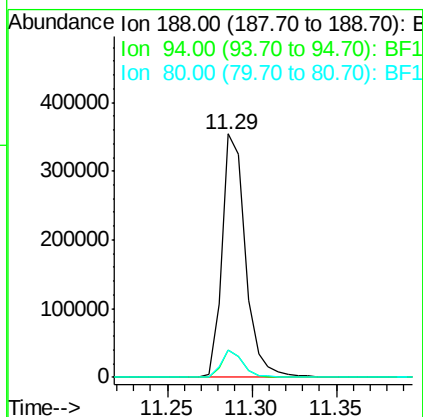
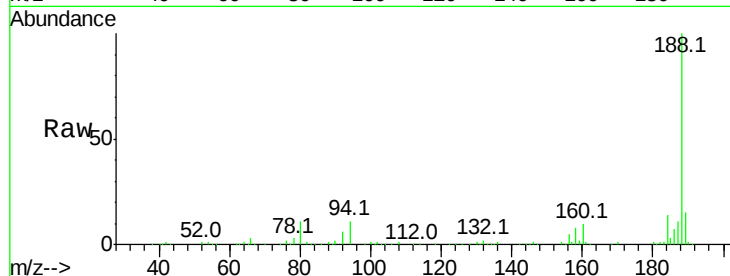




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

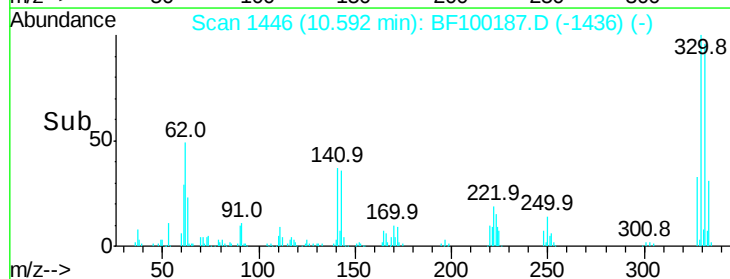
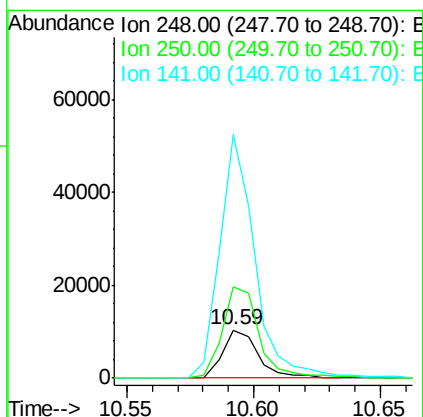
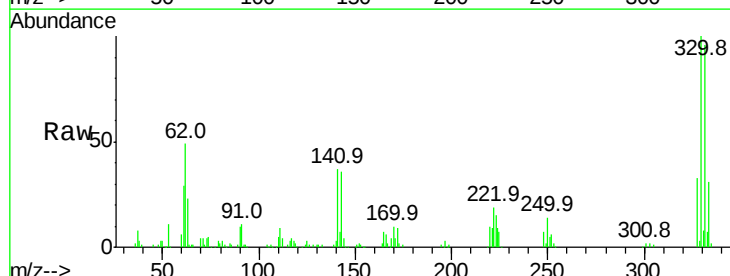
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 343346
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.745 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Tgt Ion:248 Resp: 9922
Ion Ratio Lower Upper
248 100
250 191.9 76.9 115.3#
141 509.2 74.4 111.6#

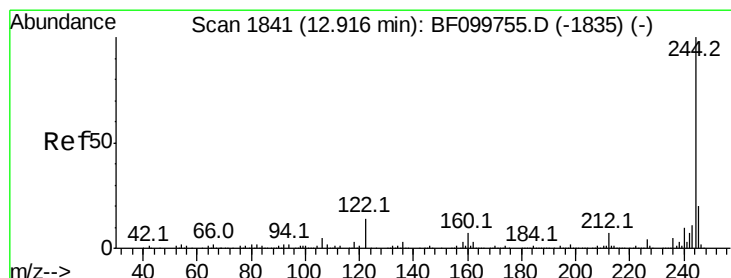
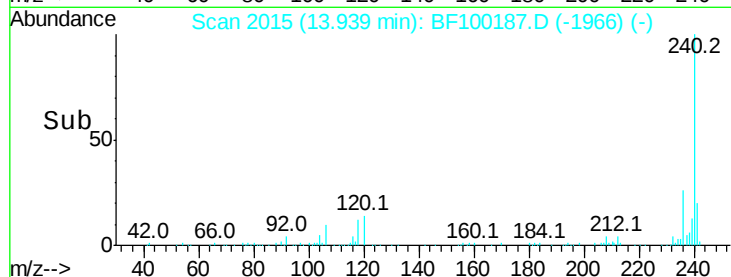
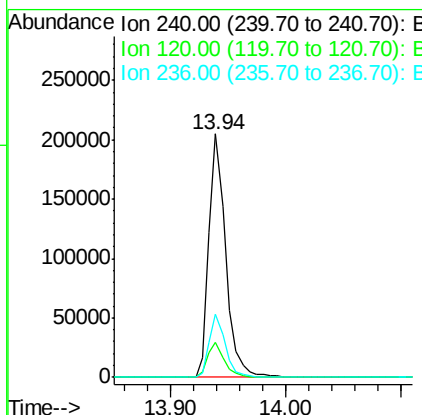
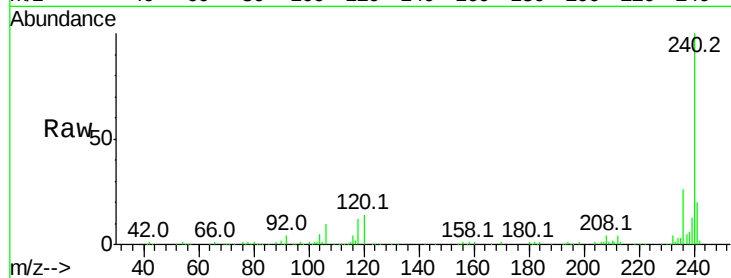




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100187.D
 Acq: 4 Nov 2017 19:11

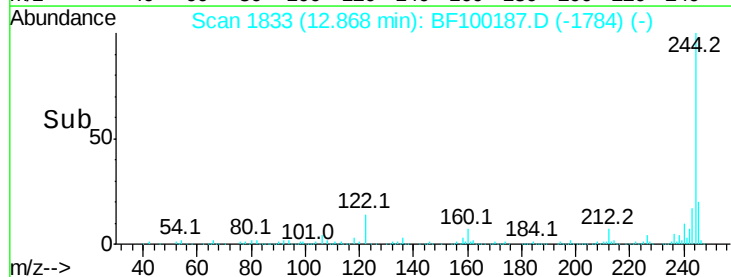
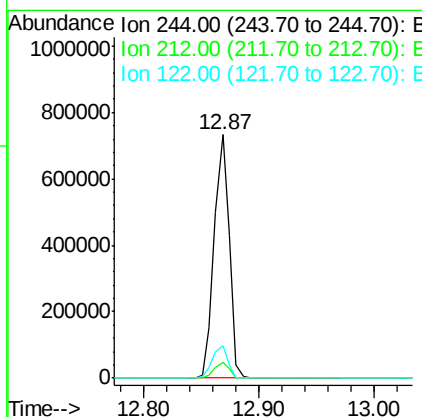
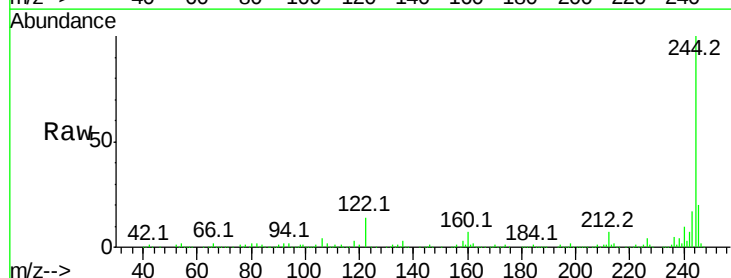
Instrument :
 BNA_F
 ClientSampled :

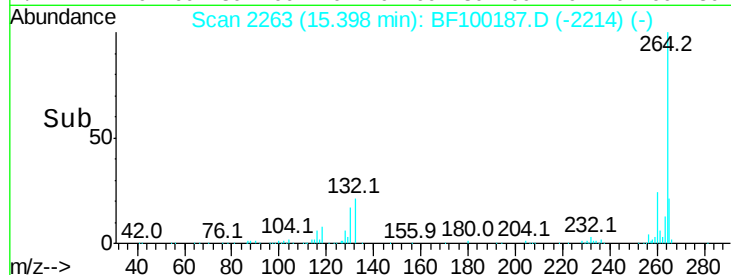
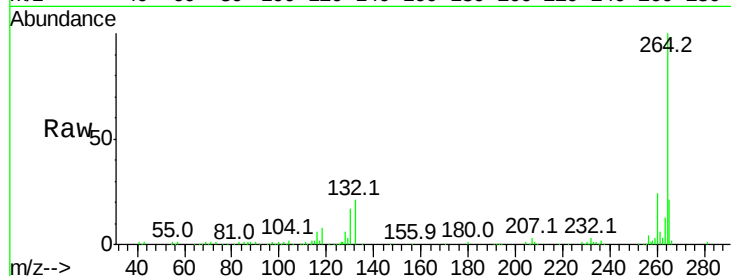
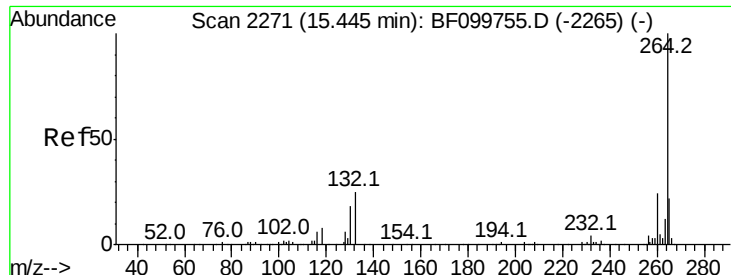
Tot Ion:240 Resp: 208939
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 69.381 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF100187.D
 Acq: 4 Nov 2017 19:11

Tgt Ion:244 Resp: 663337
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.6 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100187.D
Acq: 4 Nov 2017 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	169582
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

