

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100270.D
 Acq On : 7 Nov 2017 3:15
 Operator : SJ/JU
 Sample : I6343-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 03:51:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

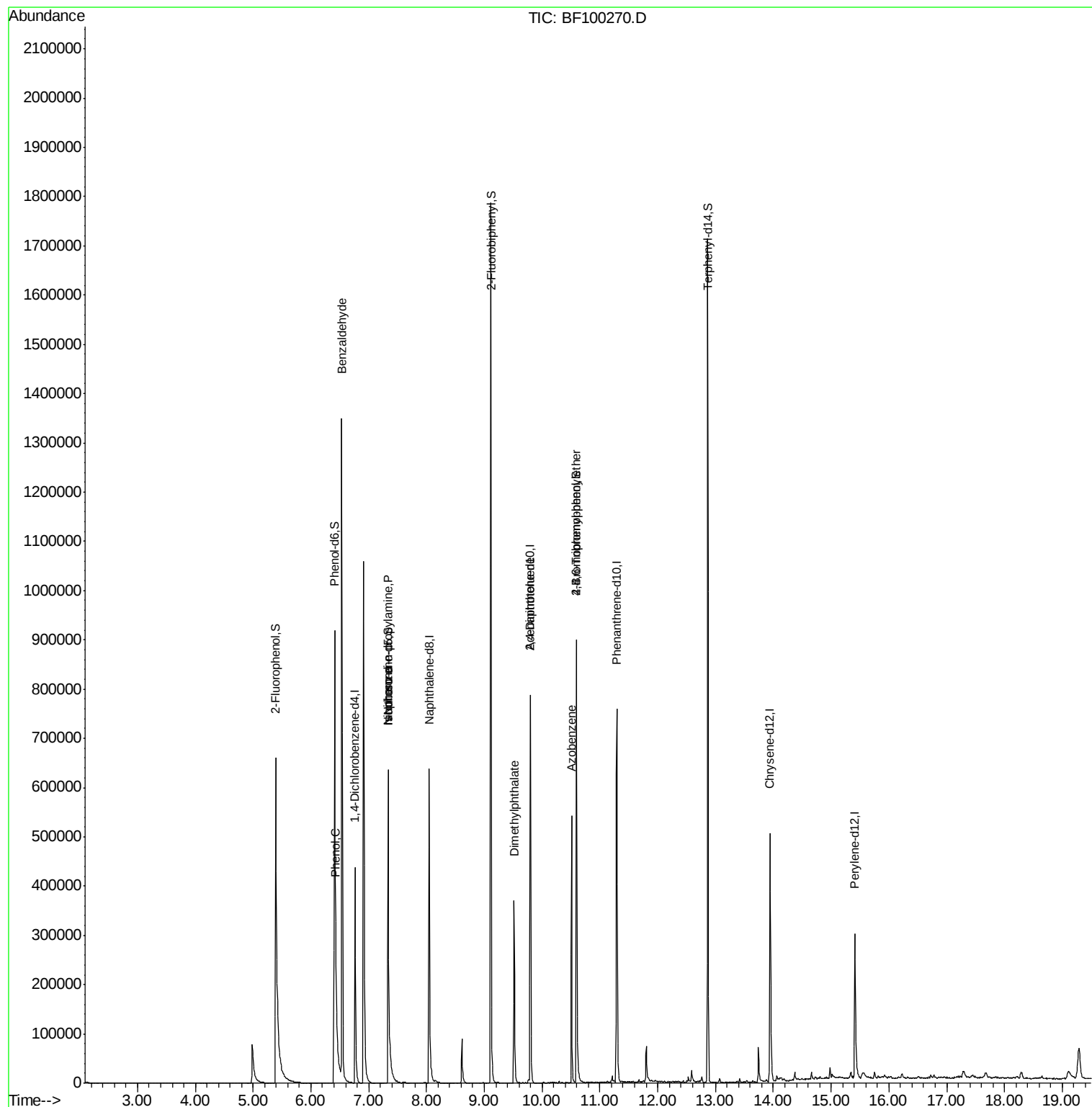
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	94928	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	398172	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	179559	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	322716	20.00	ng	0.00
75) Chrysene-d12	13.94	240	204740	20.00	ng	0.00
86) Perylene-d12	15.41	264	174202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	470076	77.74	ng	0.00
7) Phenol-d6	6.41	99	571575	79.72	ng	0.00
23) Nitrobenzene-d5	7.33	82	313154	50.63	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	128148	78.31	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	645636	55.48	ng	0.00
78) Terphenyl-d14	12.87	244	539761	57.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	8640	2.017	ng	Qvalue 87
10) Phenol	6.43	94	24077	3.059	ng	# 75
19) n-Nitroso-di-n-propylamine	7.33	70	38281	9.111	ng	# 72
25) Isophorone	7.33	82	313152	27.904	ng	# 64
49) Dimethylphthalate	9.52	163	168903	11.878	ng	100
56) 2,4-Dinitrotoluene	9.79	165	21975	6.104	ng	# 21
62) Azobenzene	10.51	77	82574	7.094	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	7935	2.336	ng	# 1

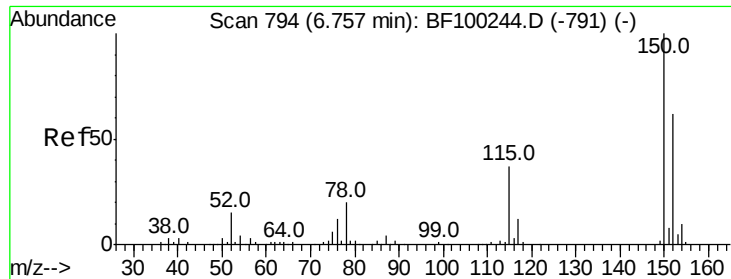
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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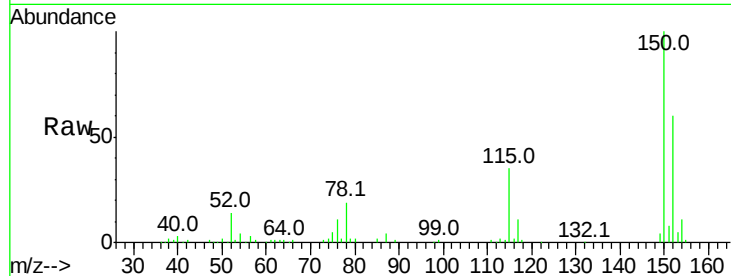


#1

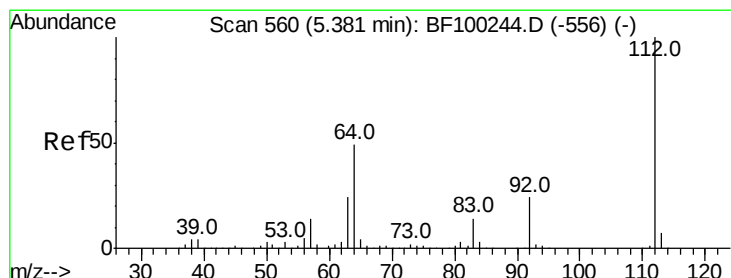
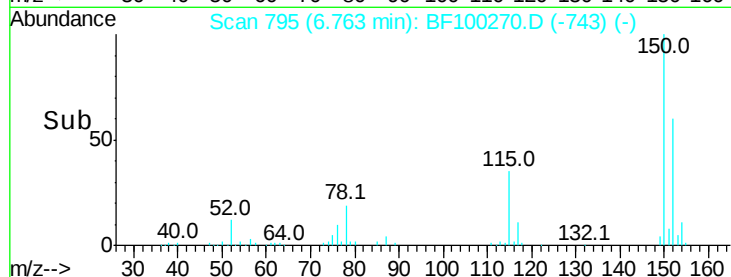
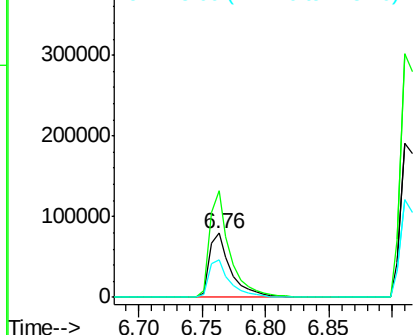
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94928
Ion Ratio Lower Upper
152 100
150 166.8 124.6 186.8
115 58.4 50.1 75.1



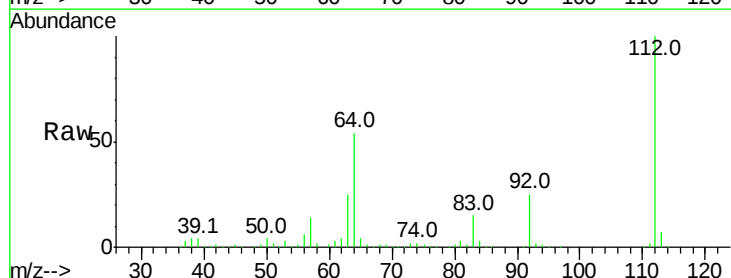
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



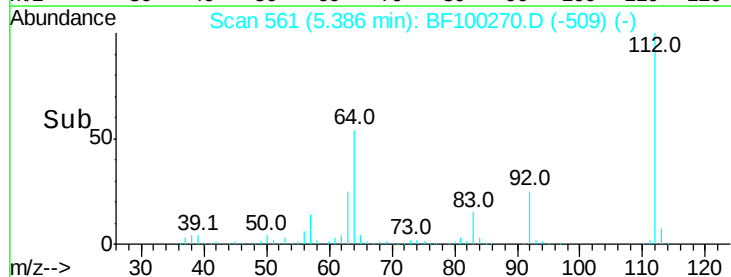
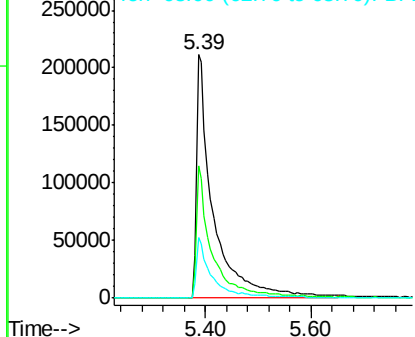
#5

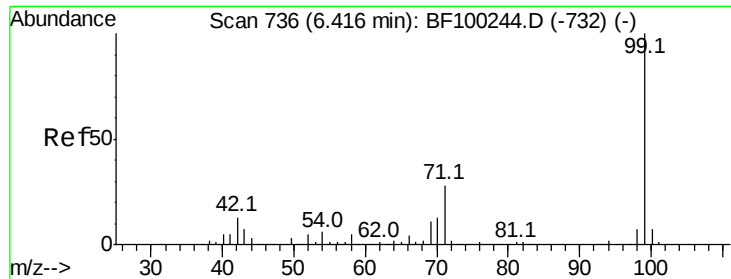
2-Fluorophenol
Concen: 77.744 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Tgt Ion:112 Resp: 470076
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 24.9 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: 79.724 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100270.D

Acq: 7 Nov 2017 3:15

Instrument :

BNA_F

ClientSampleId :

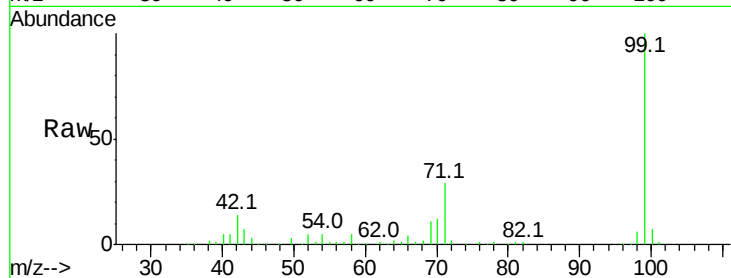
Tot Ion: 99 Resp: 571575

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

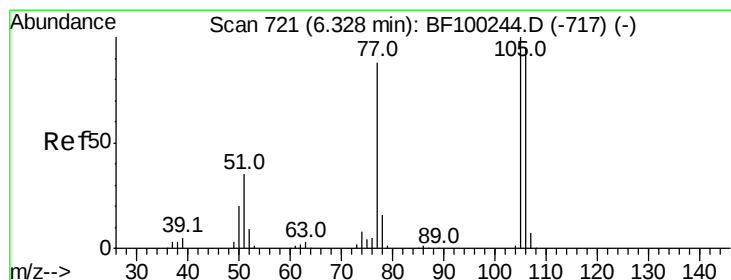
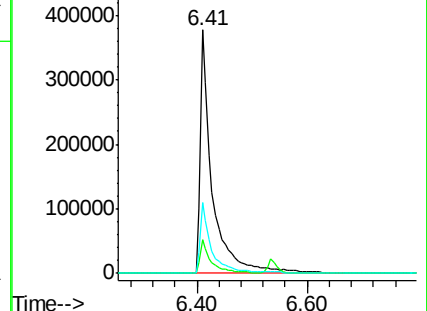
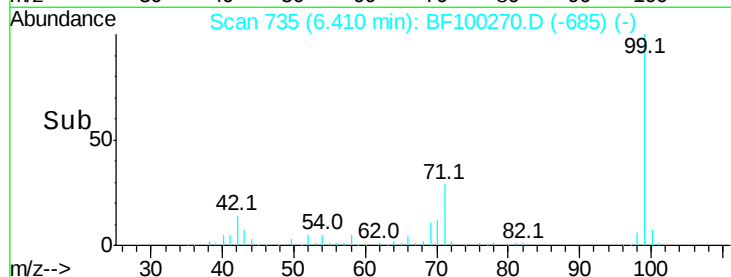
71 29.2 25.4 38.0



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: 2.017 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100270.D

Acq: 7 Nov 2017 3:15

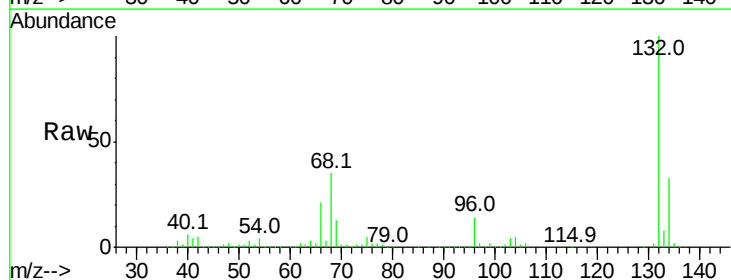
Tgt Ion: 77 Resp: 8640

Ion Ratio Lower Upper

77 100

105 82.3 81.1 121.1

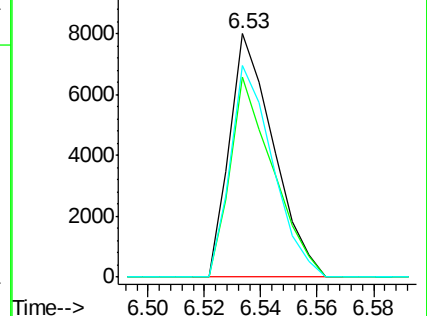
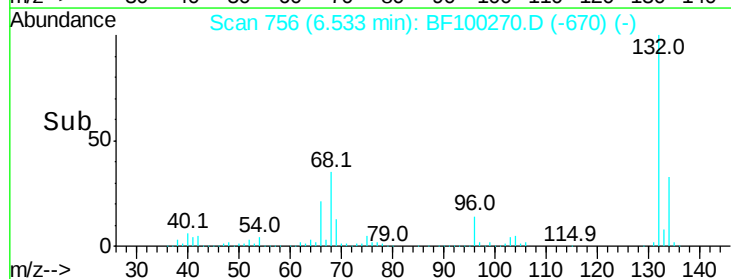
106 87.0 74.5 114.5

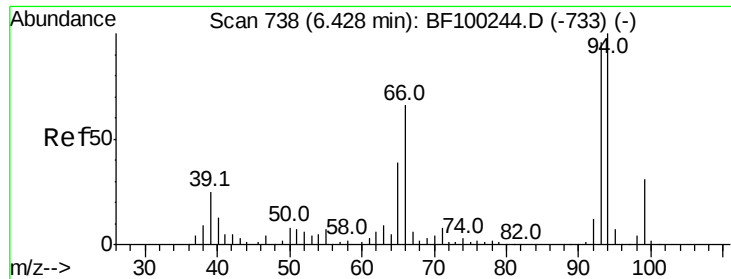


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

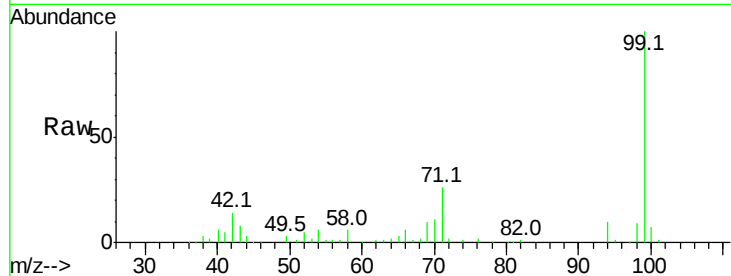




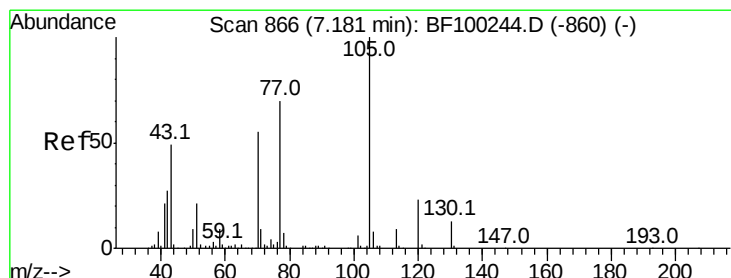
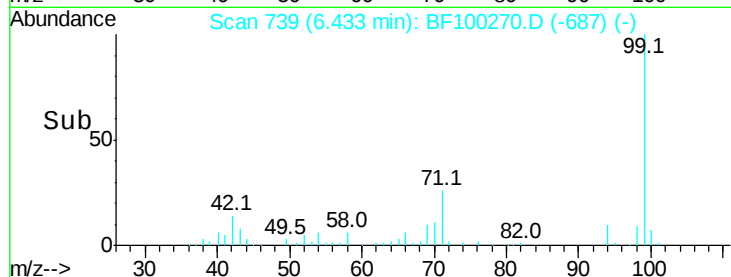
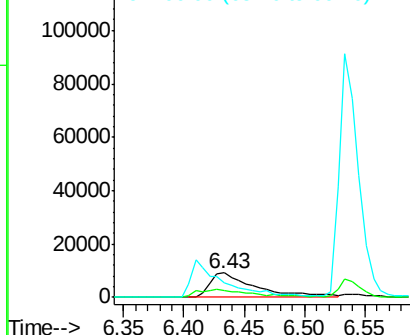
#10
Phenol
Concen: 3.059 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 24077
Ion Ratio Lower Upper
94 100
65 28.3 7.9 47.9
66 61.5 16.2 56.2#

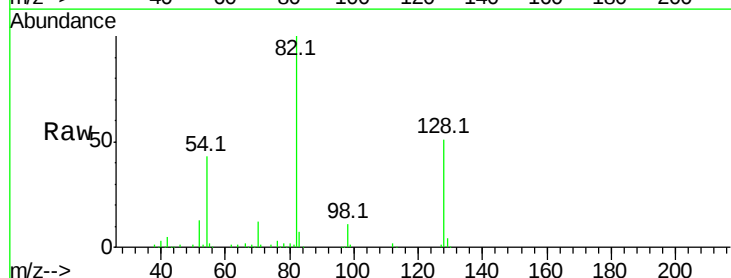


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

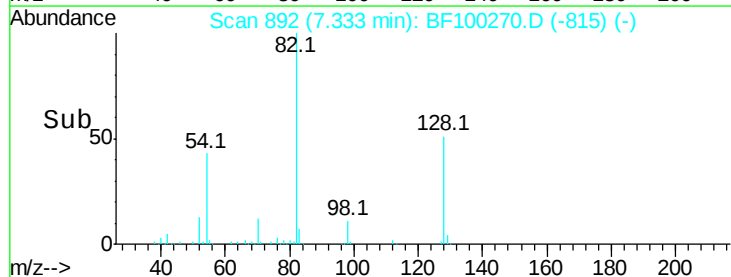
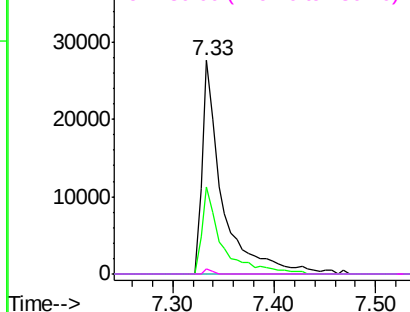


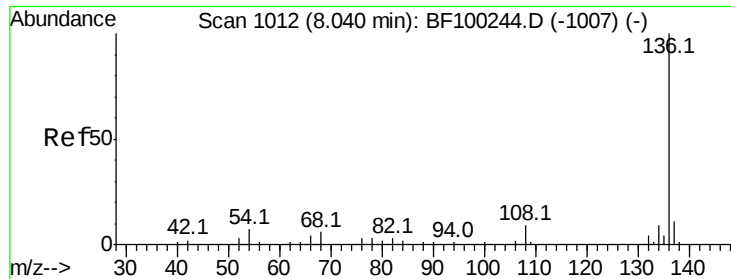
#19
n-Nitroso-di-n-propylamine
Concen: 9.111 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Tgt Ion: 70 Resp: 38281
Ion Ratio Lower Upper
70 100
42 41.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 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

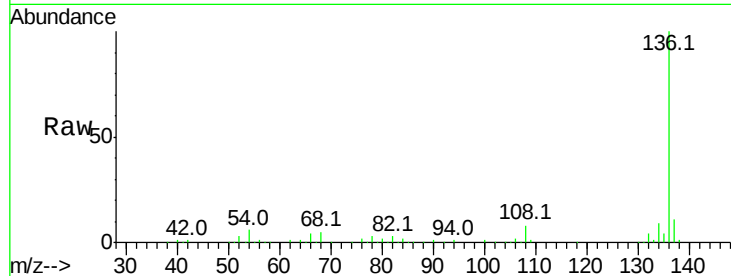




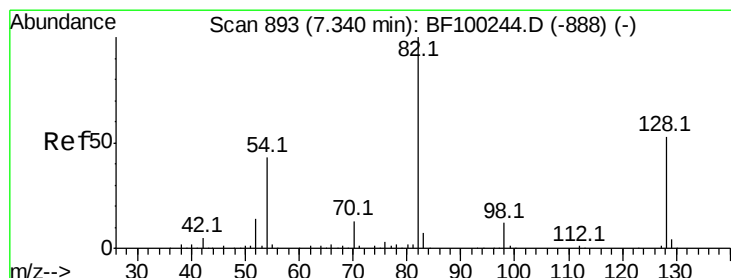
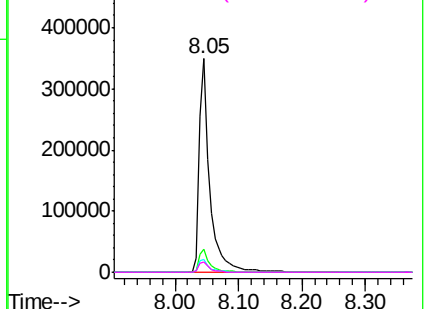
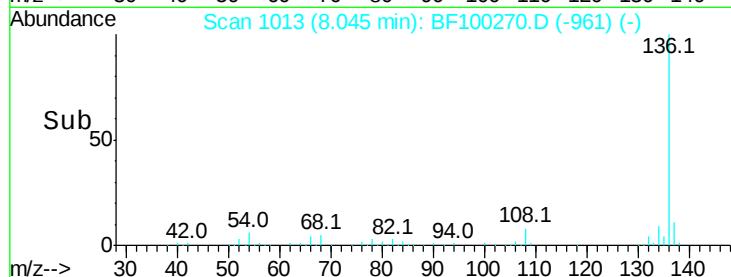
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	398172
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.1	5.0	7.4

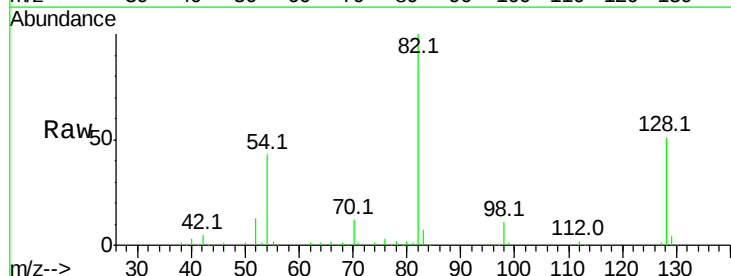


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

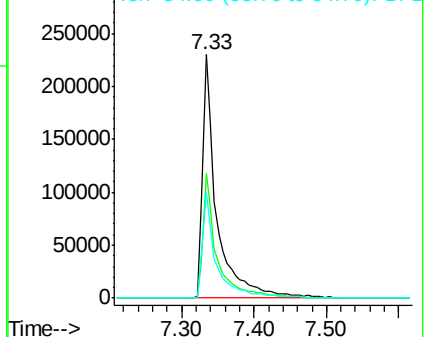
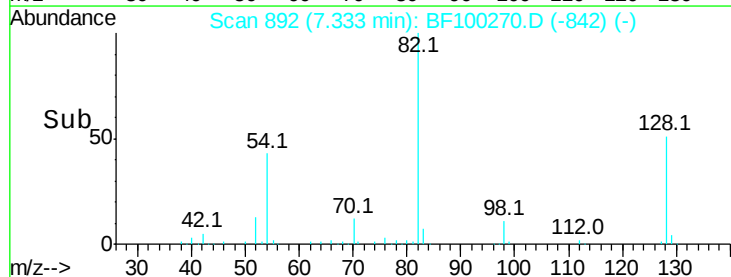


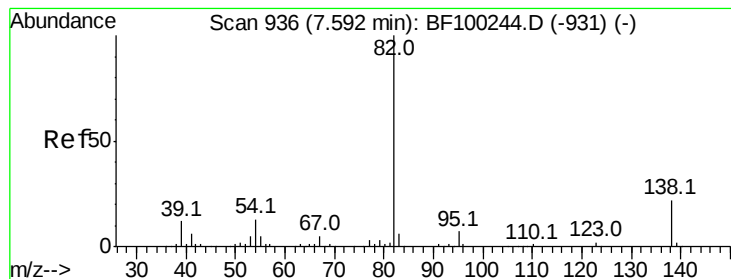
#23
Nitrobenzene-d5
Concen: 50.634 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Tgt Ion:	82	Resp:	313154
Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	43.2	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: 27.904 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100270.D

Acq: 7 Nov 2017 3:15

Instrument :

BNA_F

ClientSampleId :

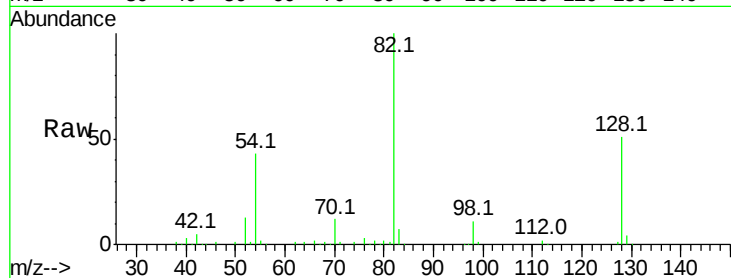
Tot Ion: 82 Resp: 313152

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

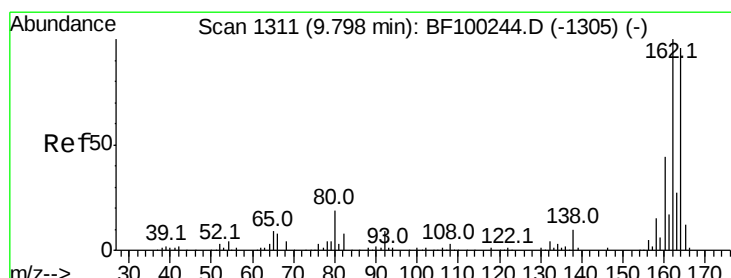
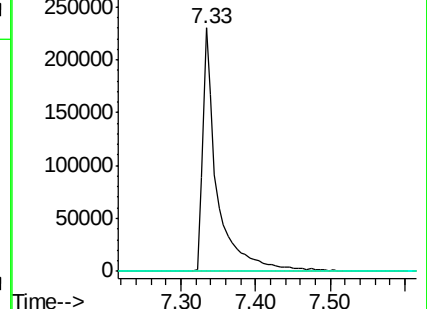
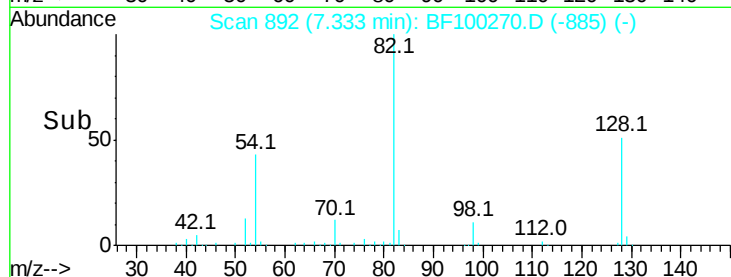
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF100270.D

Acq: 7 Nov 2017 3:15

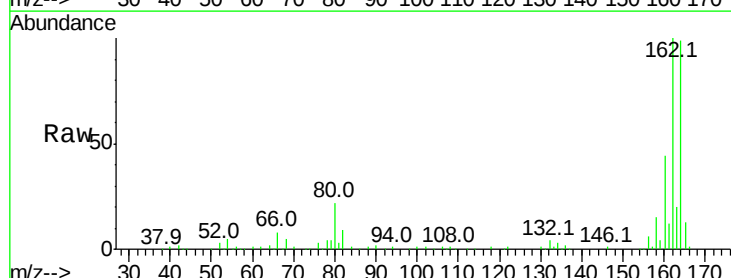
Tgt Ion:164 Resp: 179559

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

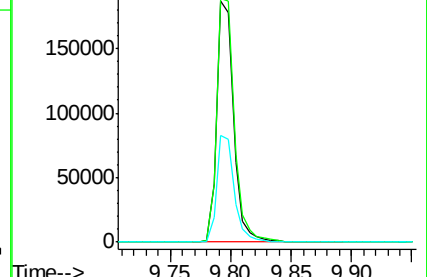
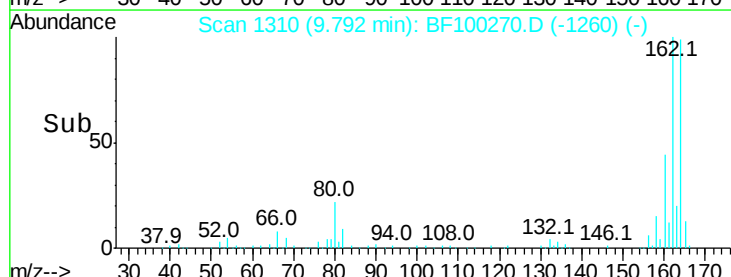
160 44.3 38.3 57.5

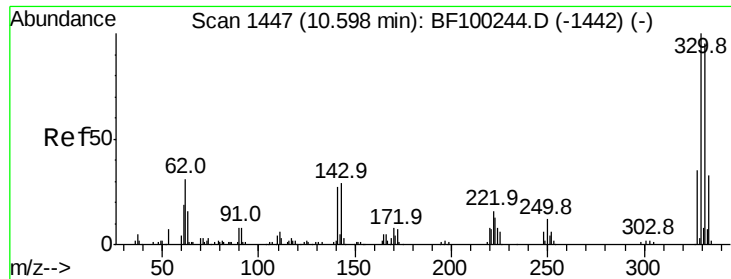


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

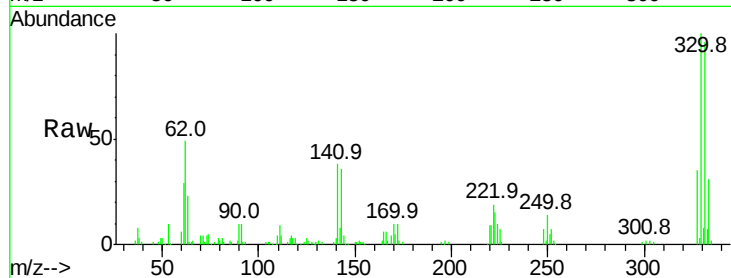




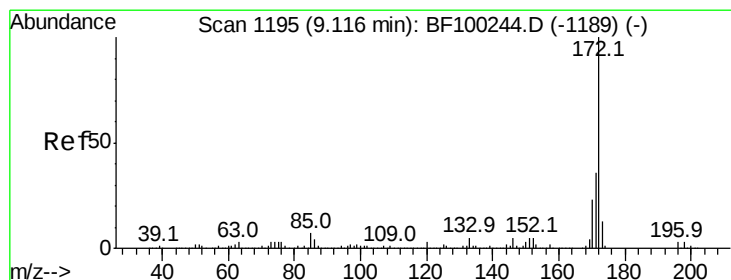
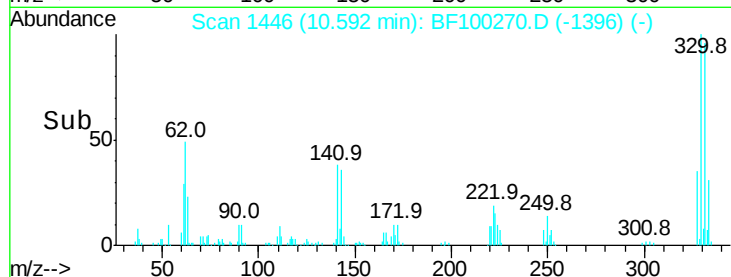
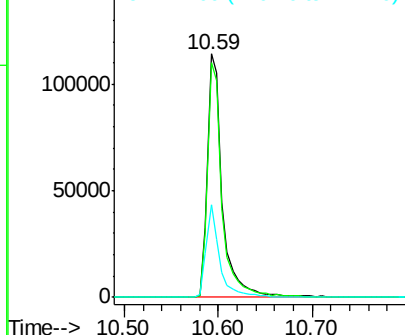
#41
 2,4,6-Tribromophenol
 Concen: 78.313 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100270.D
 Acq: 7 Nov 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 128148
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 33.8 29.9 44.9

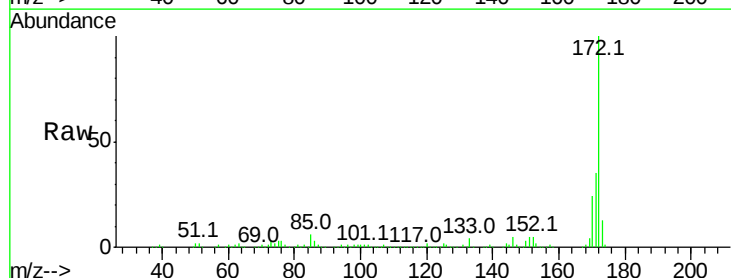


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

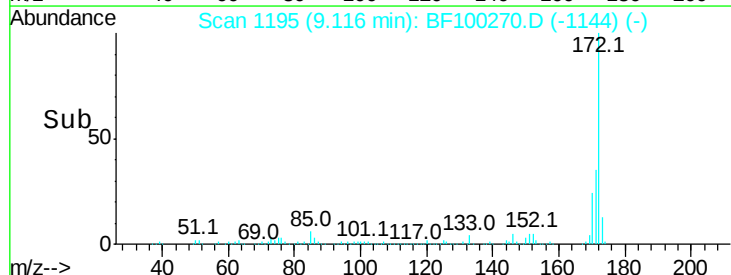
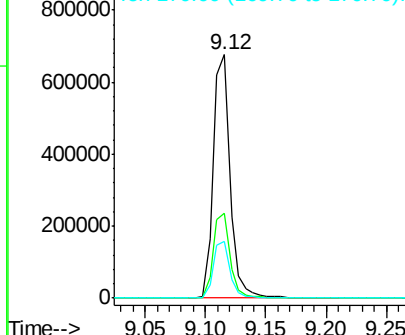


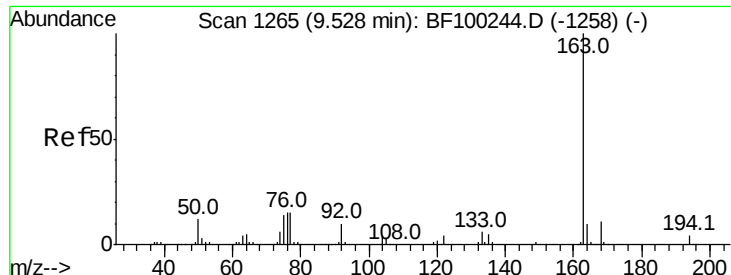
#44
 2-Fluorobiphenyl
 Concen: 55.475 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100270.D
 Acq: 7 Nov 2017 3:15

Tgt Ion:172 Resp: 645636
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.5 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

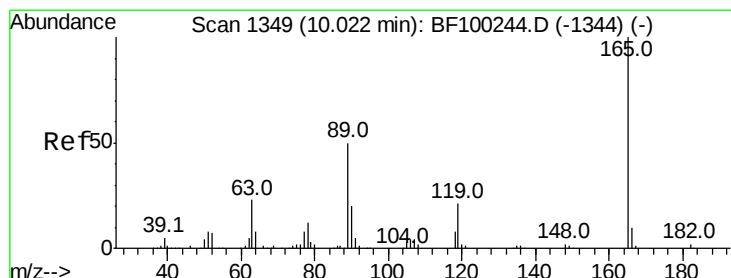
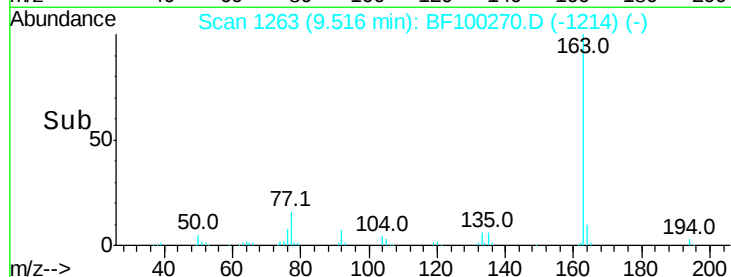
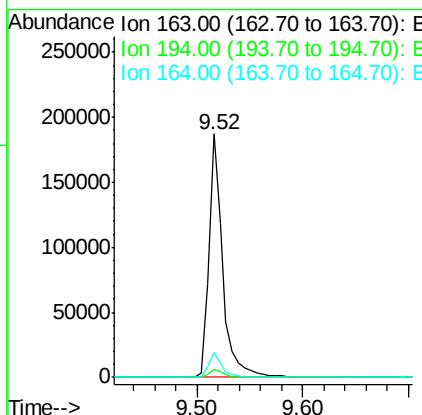
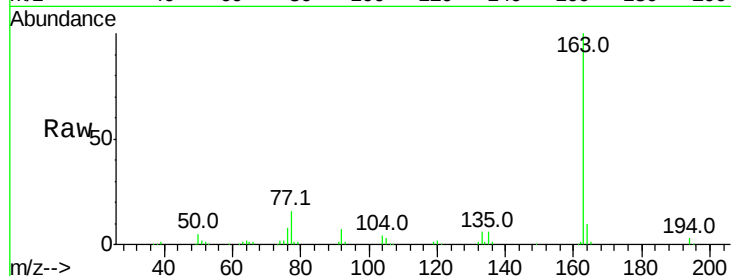




#49
 Dimethylphthalate
 Concen: 11.878 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF100270.D
 Acq: 7 Nov 2017 3:15

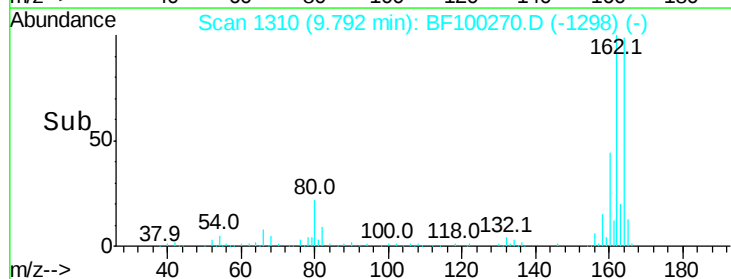
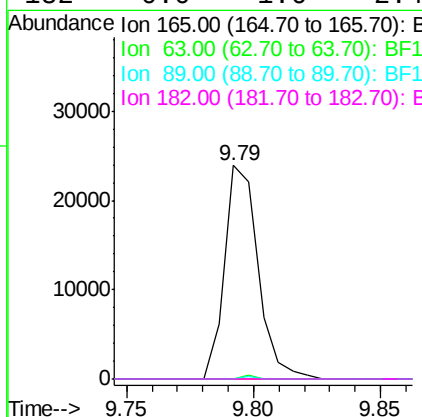
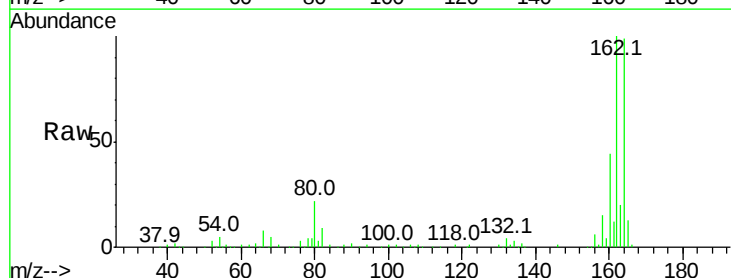
Instrument :
 BNA_F
 ClientSampleId :

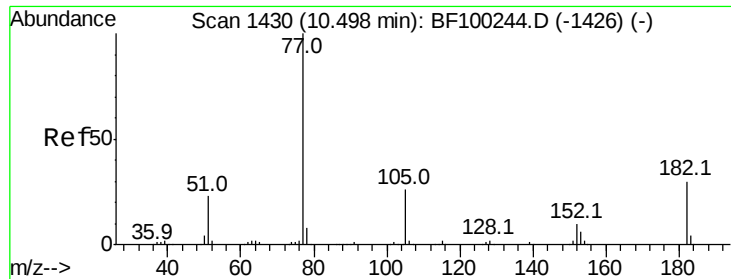
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.104 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100270.D
 Acq: 7 Nov 2017 3:15

Tgt 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#

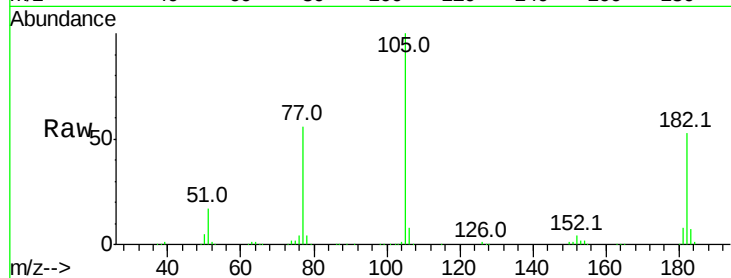




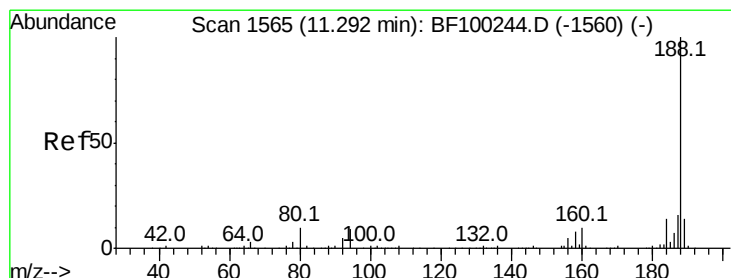
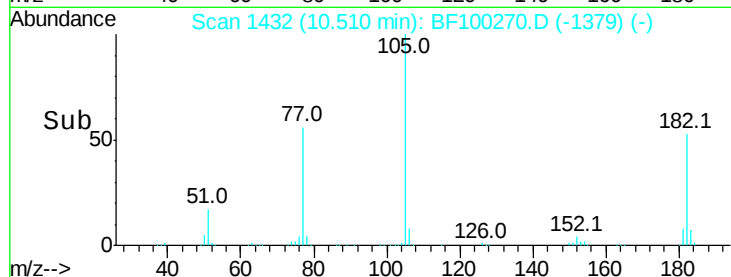
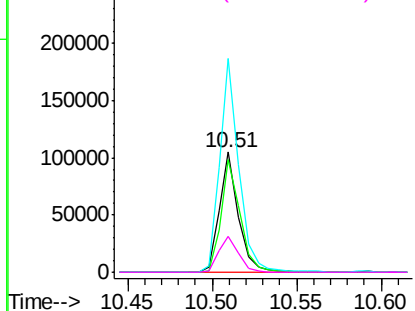
#62
Azobenzene
Concen: 7.094 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 82574
Ion Ratio Lower Upper
77 100
182 93.7 1.7 41.7#
105 178.3 3.0 43.0#
51 30.4 9.9 49.9

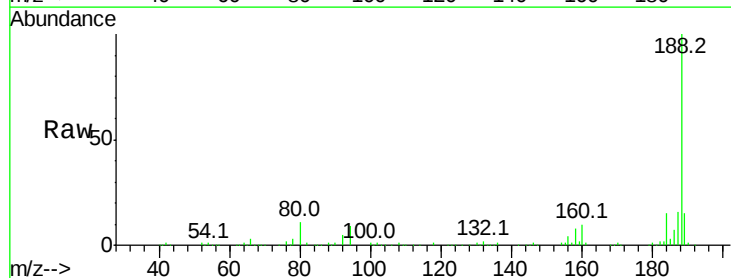


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

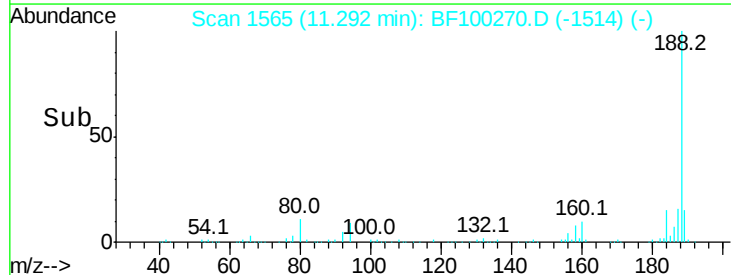
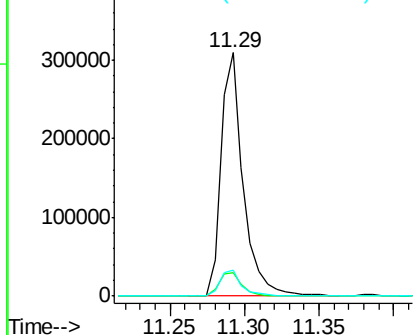


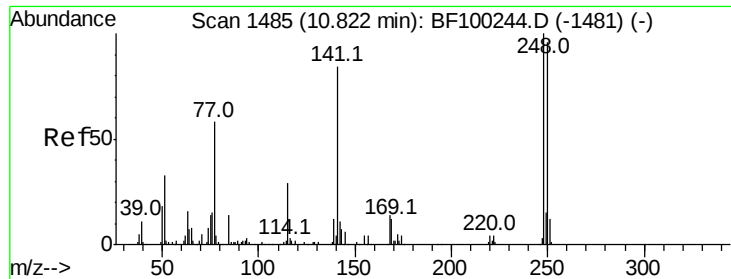
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF100270.D
Acq: 7 Nov 2017 3:15

Tgt Ion: 188 Resp: 322716
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.6 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

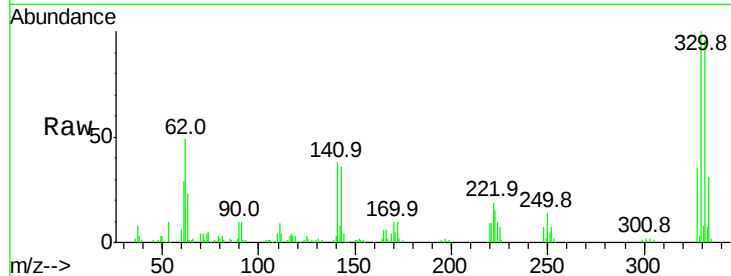




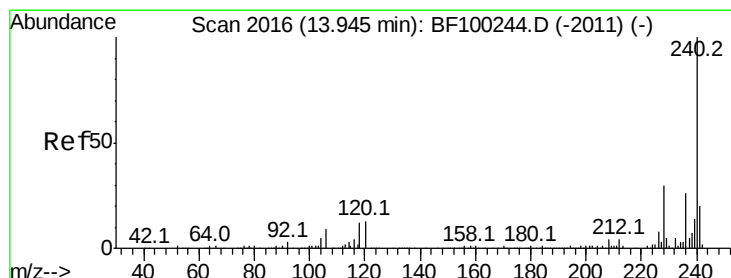
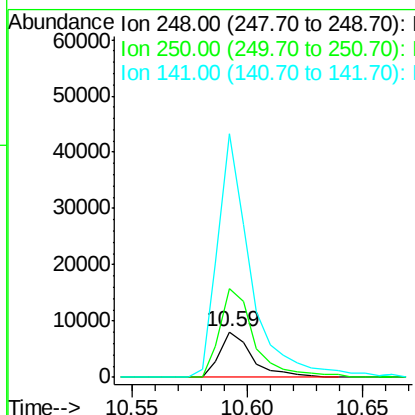
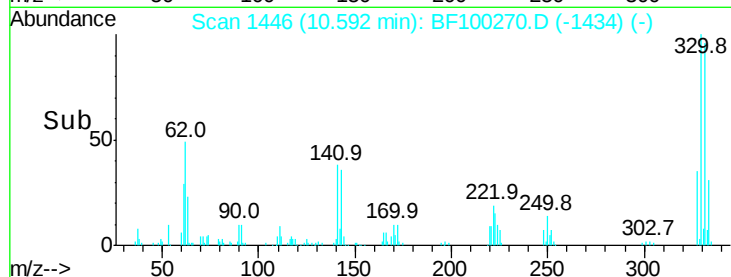
#66
 4-Bromophenyl-phenylether
 Concen: 2.336 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100270.D
 Acq: 7 Nov 2017 3:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7935
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.9 115.3#
 141 533.5 74.4 111.6#

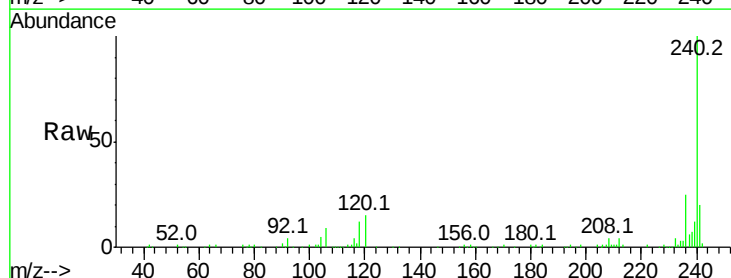


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

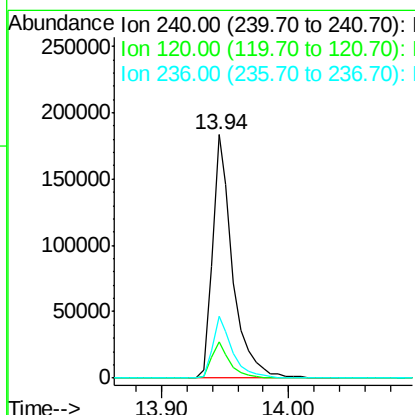
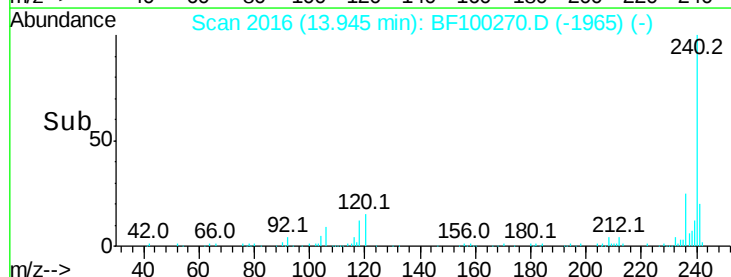


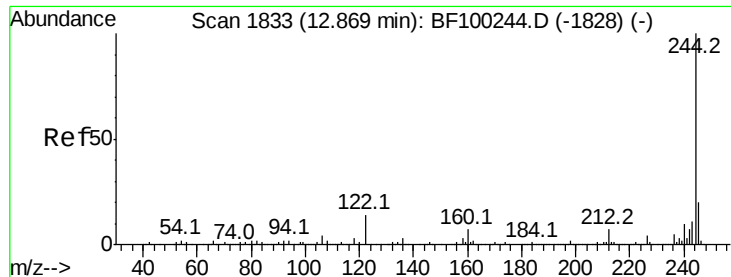
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100270.D
 Acq: 7 Nov 2017 3:15

Tgt Ion:240 Resp: 204740
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.4 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: 57.613 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100270.D

Acq: 7 Nov 2017 3:15

Instrument :

BNA_F

ClientSampleId :

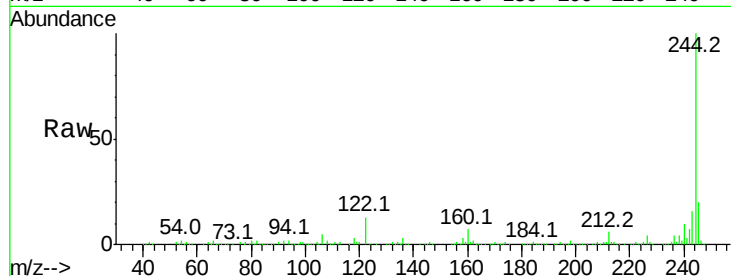
Tot Ion:244 Resp: 539761

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

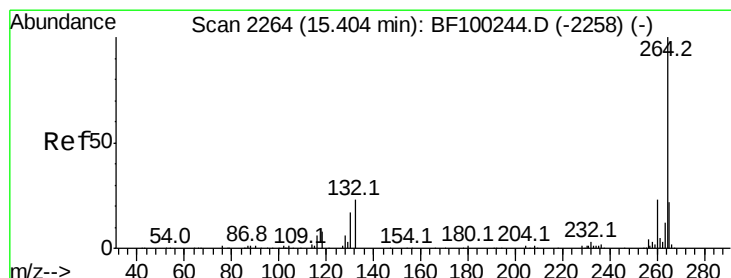
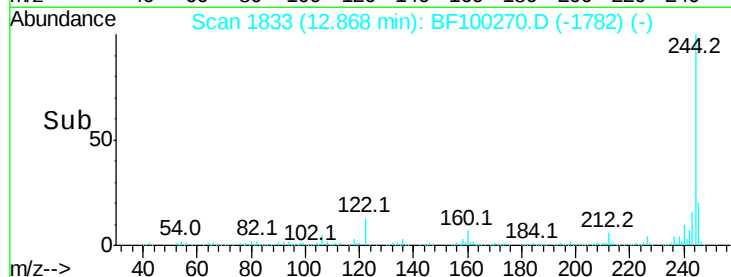
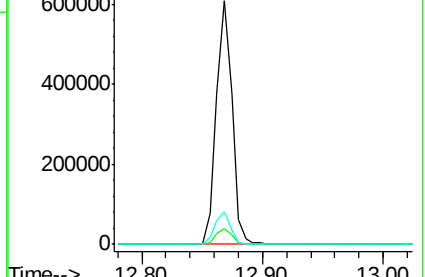
122 13.5 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100270.D

Acq: 7 Nov 2017 3:15

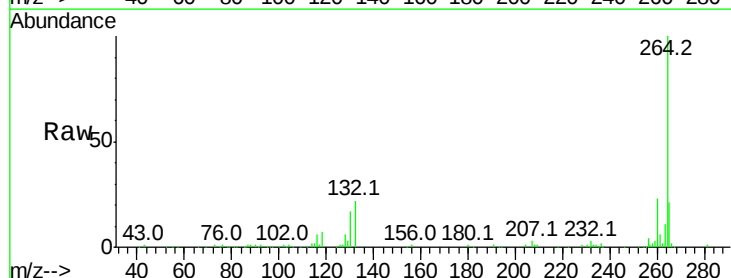
Tgt Ion:264 Resp: 174202

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.5 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

