

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100210.D
 Acq On : 5 Nov 2017 5:59
 Operator : SJ/JU
 Sample : I6327-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:57:58 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

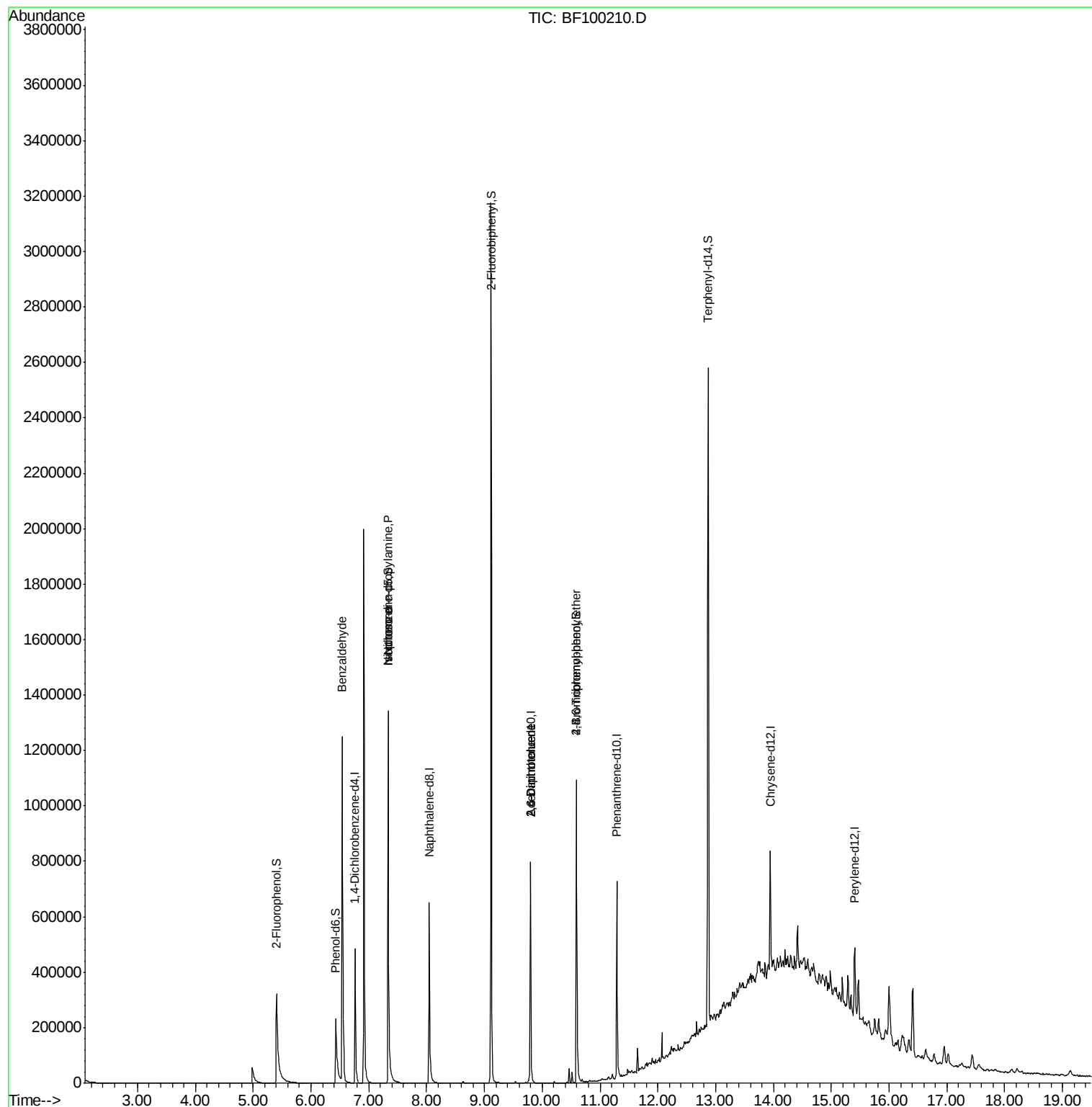
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90164	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	383184	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	180219	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	313400	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	179301	20.00	ng	0.00
86) Perylene-d12	15.40	264	140185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	261862	45.60	ng	0.01
7) Phenol-d6	6.43	99	211573	31.07	ng	0.00
23) Nitrobenzene-d5	7.34	82	553110	92.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	149362	90.94	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1069416	91.55	ng	-0.01
78) Terphenyl-d14	12.87	244	903008	110.06	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	8876	2.181	ng	84
19) n-Nitroso-di-n-propylamine	7.34	70	68630	17.198	ng	# 69
25) Isophorone	7.34	82	553112	51.214	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	22345	7.448	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	22345	6.184	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	9537	2.891	ng	# 1

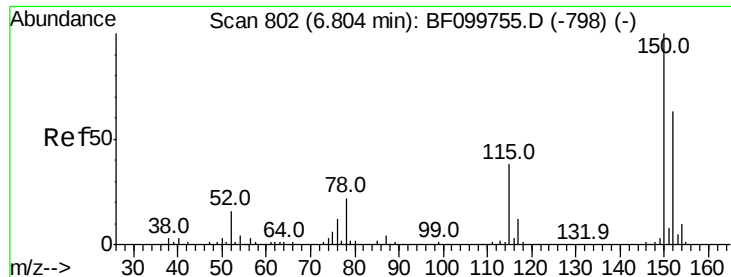
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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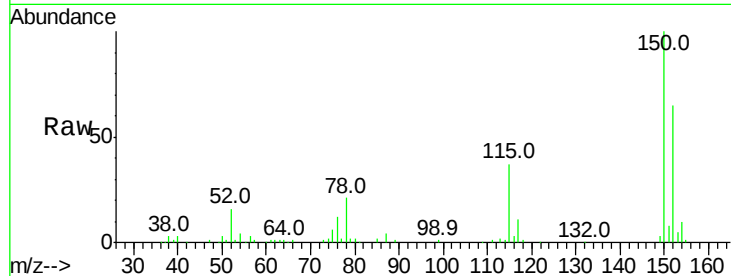


#1

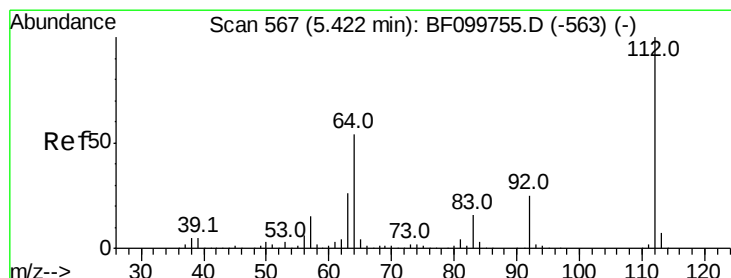
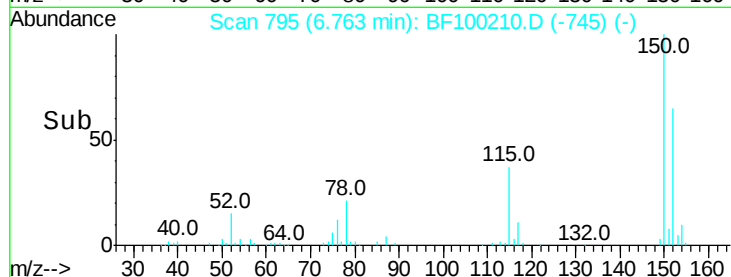
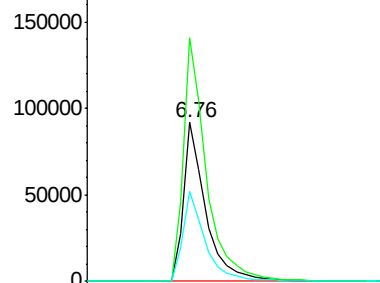
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90164
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 56.6 50.1 75.1



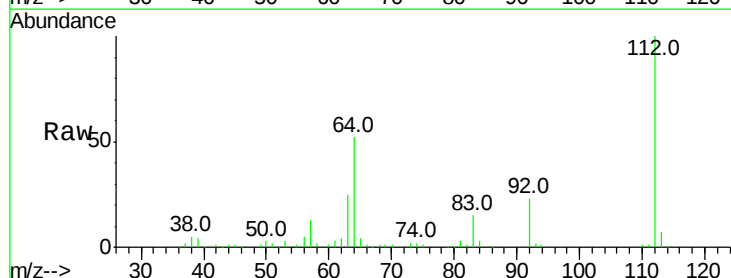
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



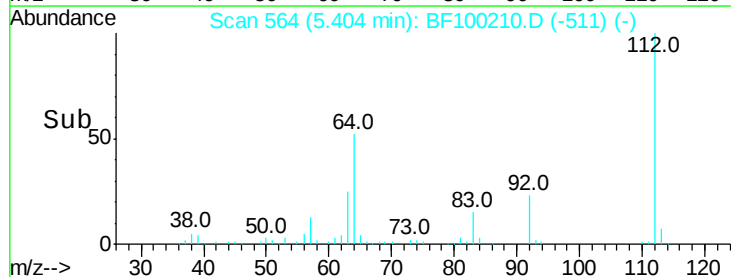
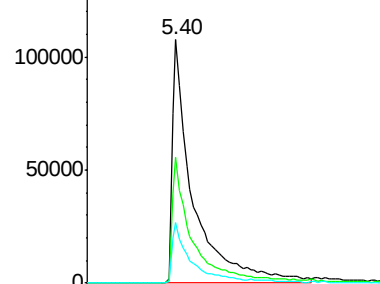
#5

2-Fluorophenol
Concen: 45.596 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

Tgt Ion:112 Resp: 261862
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.6 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: 31.070 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

Instrument :

BNA_F

ClientSampled :

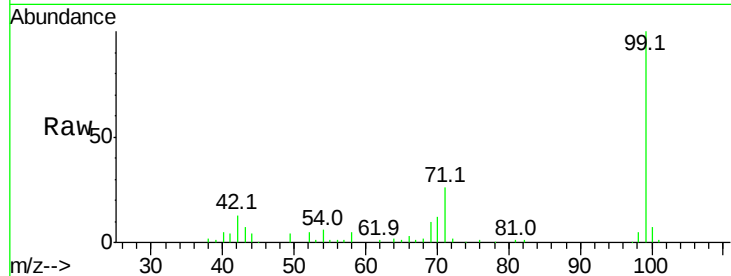
Tot Ion: 99 Resp: 211573

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

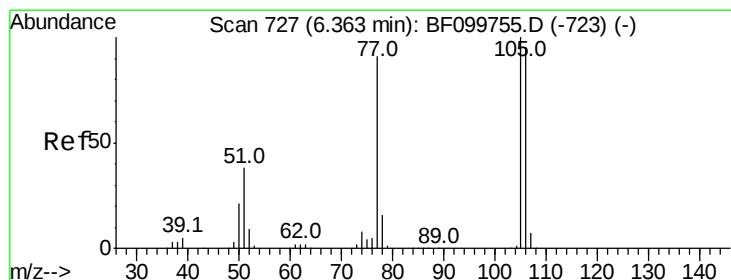
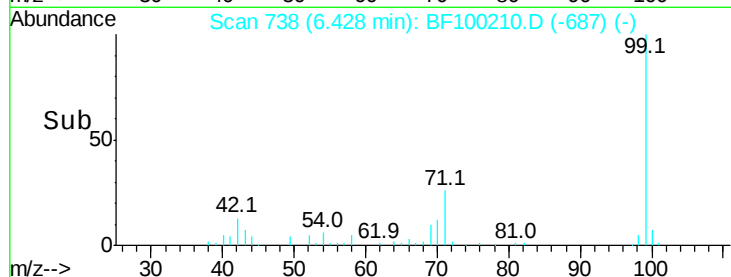
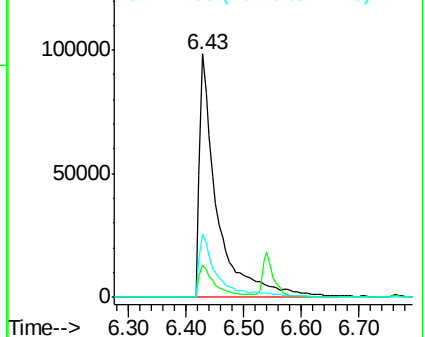
71 26.1 25.4 38.0



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: 2.181 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

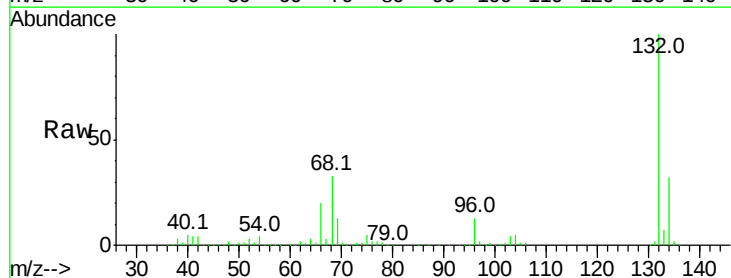
Tgt Ion: 77 Resp: 8876

Ion Ratio Lower Upper

77 100

105 81.2 81.1 121.1

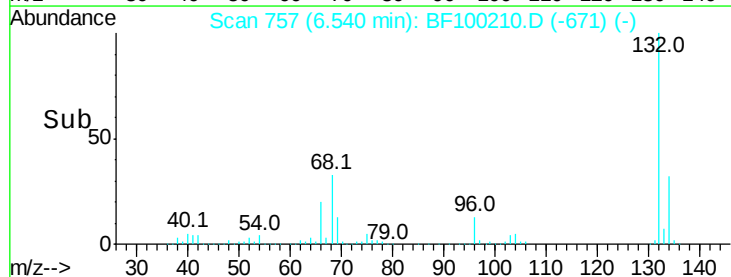
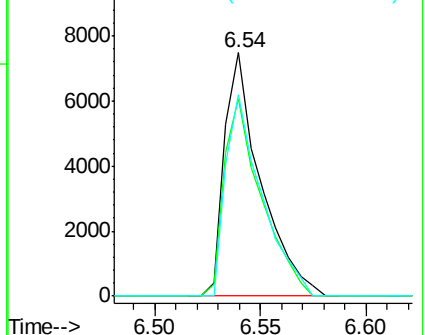
106 82.7 74.5 114.5

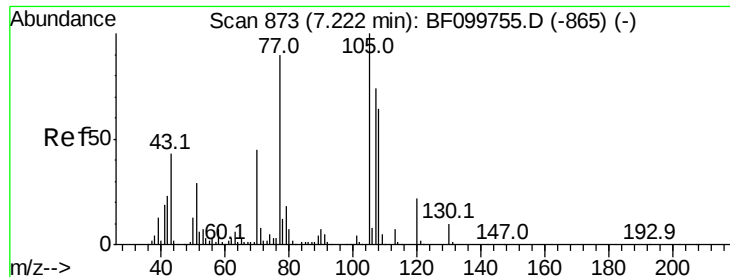


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

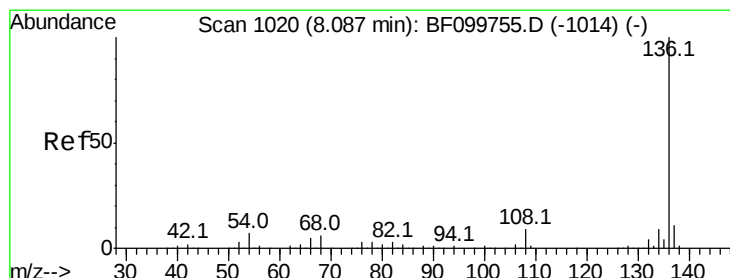
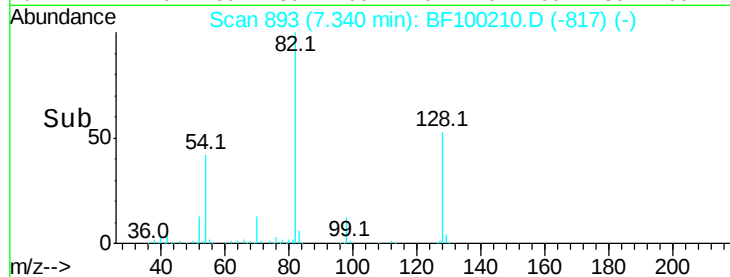
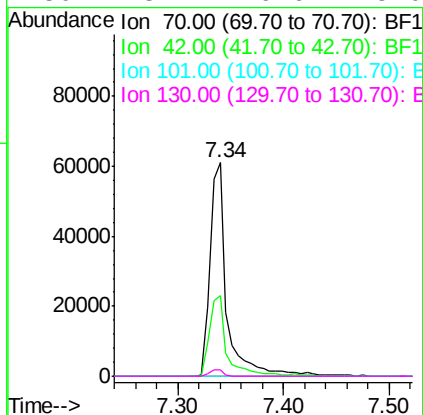
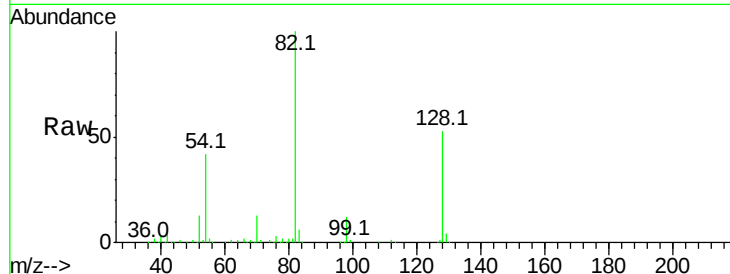




#19
n-Nitroso-di-n-propylamine
Concen: 17.198 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

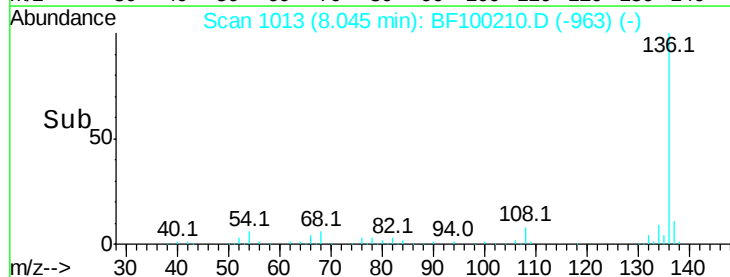
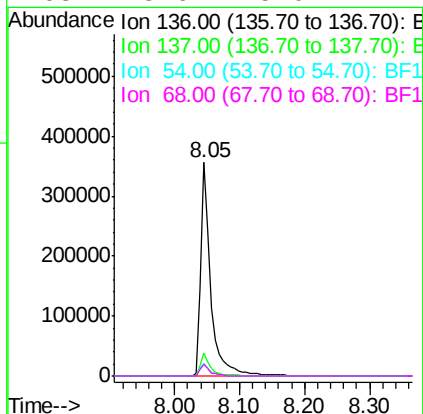
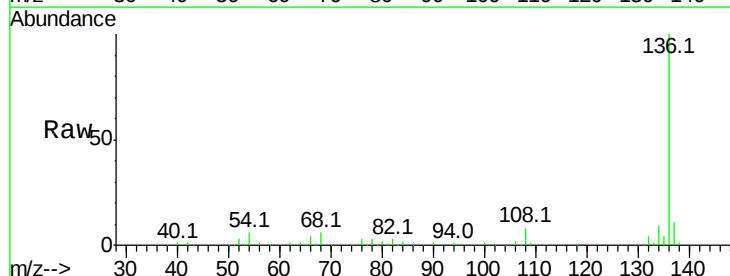
Instrument :
BNA_F
ClientSampleId :

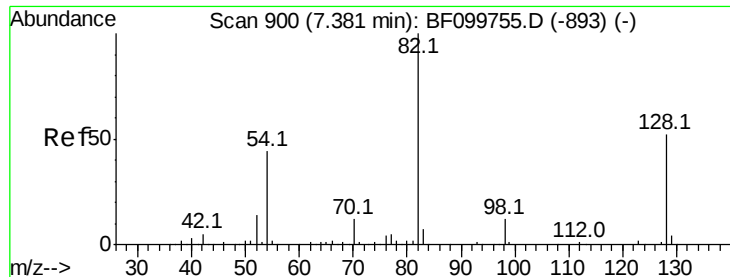
Tot Ion: 70 Resp: 68630
Ion Ratio Lower Upper
70 100
42 37.8 47.5 71.3#
101 0.0 7.4 11.2#
130 3.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

Tgt Ion: 136 Resp: 383184
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.1 6.6 9.8#
68 5.6 5.0 7.4

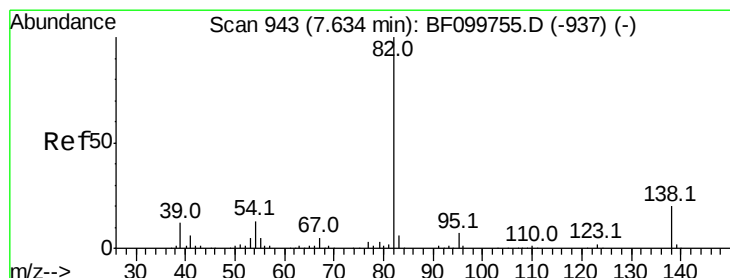
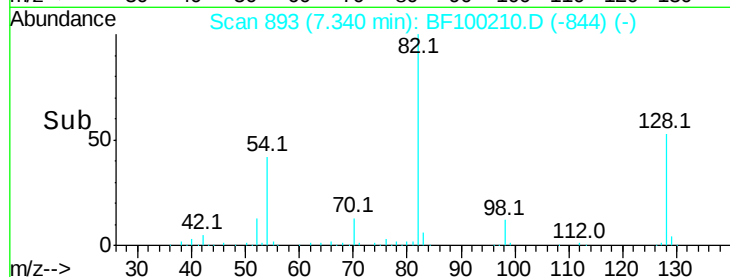
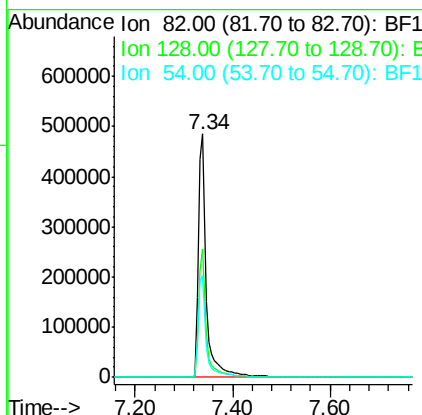
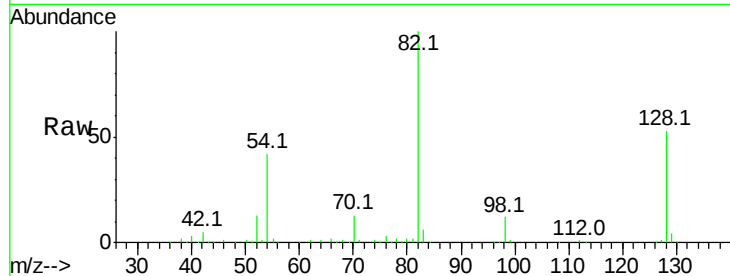




#23
Nitrobenzene-d5
Concen: 92.931 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

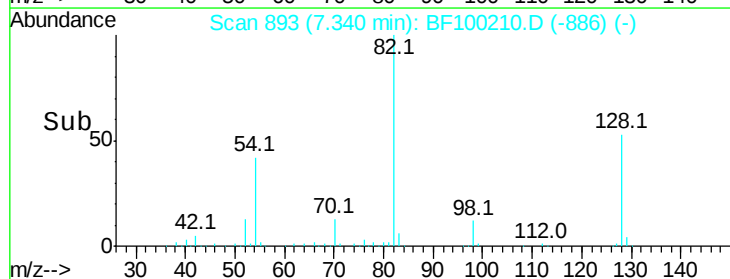
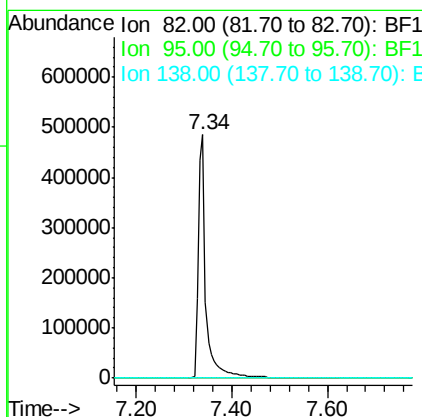
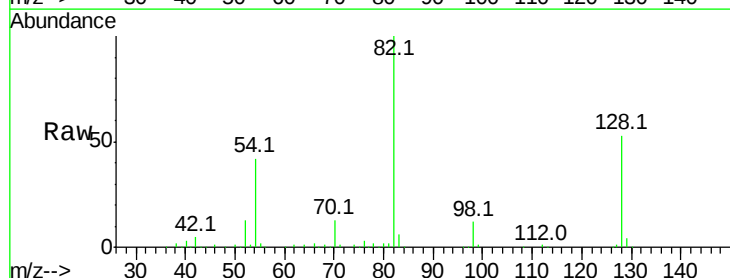
Instrument :
BNA_F
ClientSampled :

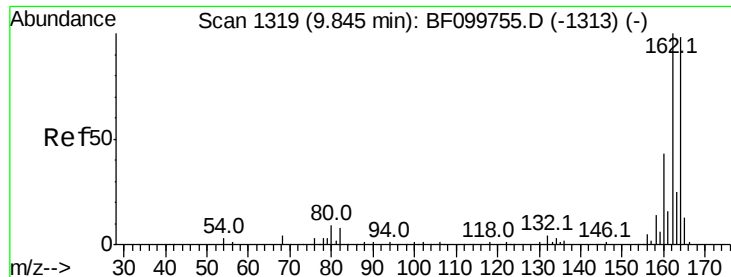
Tot Ion: 82 Resp: 553110
Ion Ratio Lower Upper
82 100
128 52.9 36.1 54.1
54 41.6 41.4 62.2



#25
Isophorone
Concen: 51.214 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100210.D
Acq: 5 Nov 2017 5:59

Tgt Ion: 82 Resp: 553112
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

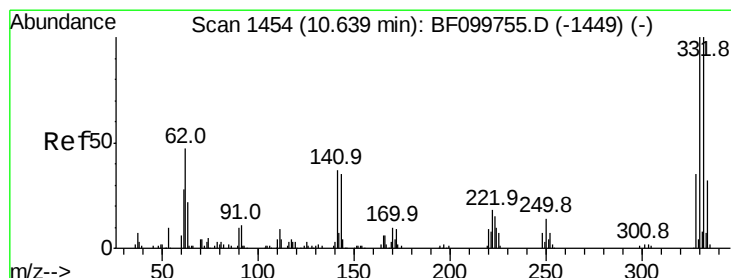
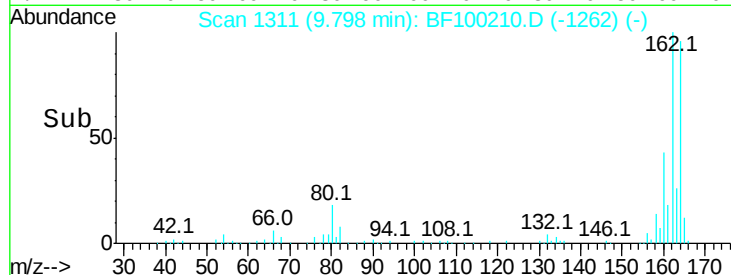
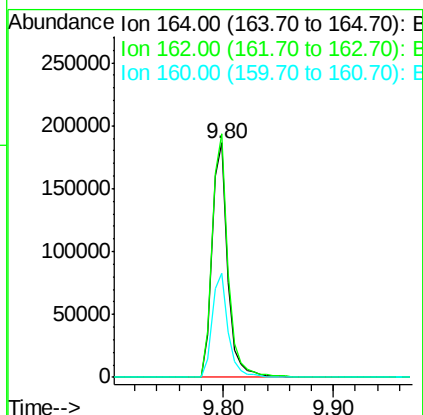
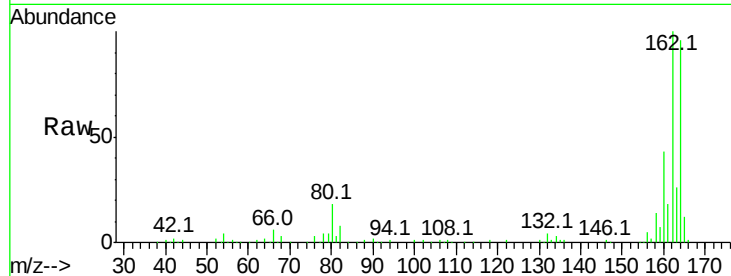




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

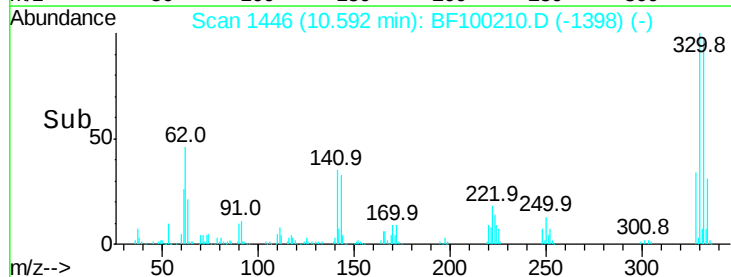
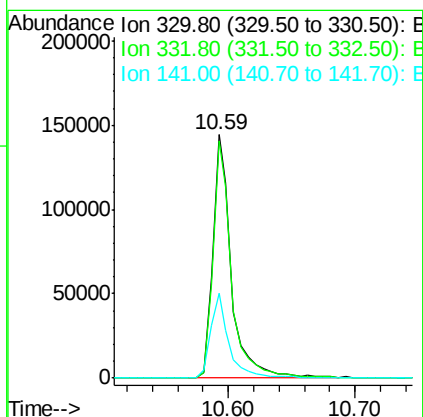
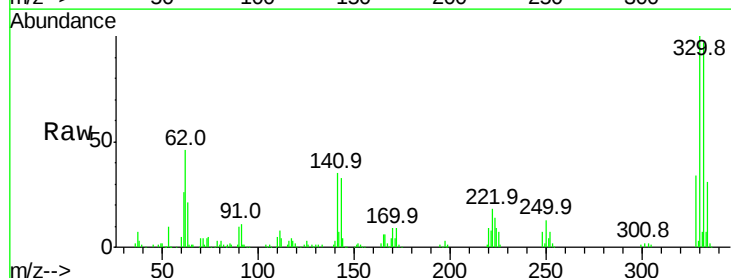
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 180219
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 44.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.943 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Tgt Ion:330 Resp: 149362
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 34.3 29.9 44.9

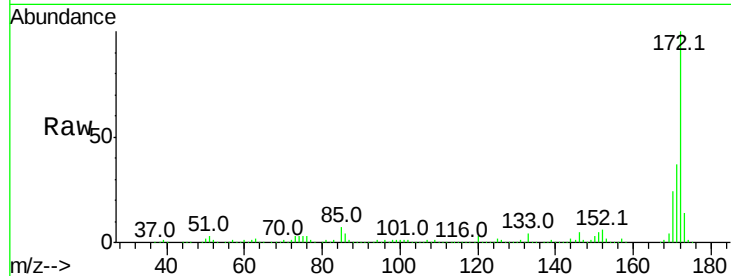




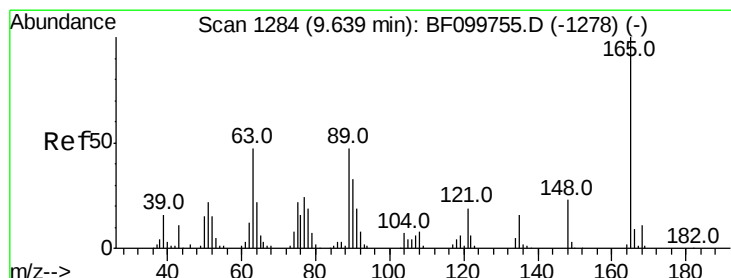
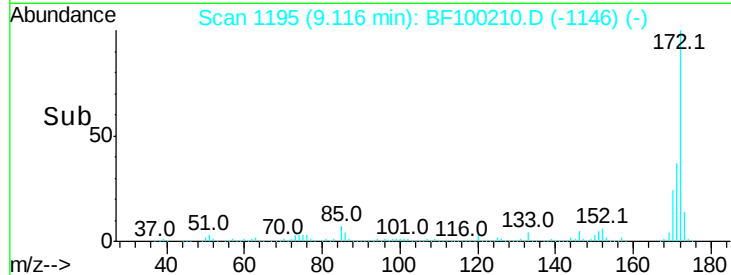
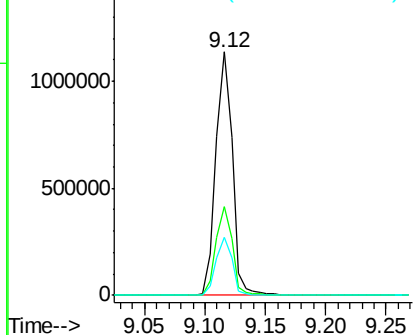
#44
 2-Fluorobiphenyl
 Concen: 91.552 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1069416
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 19.6 29.4

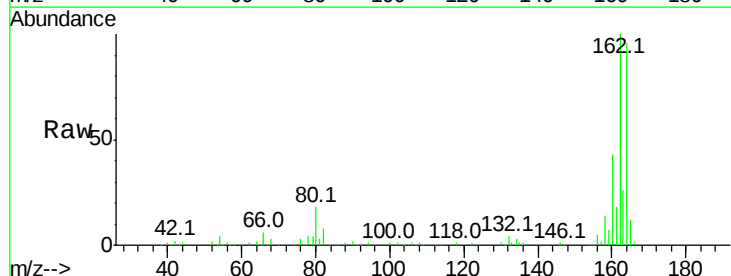


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

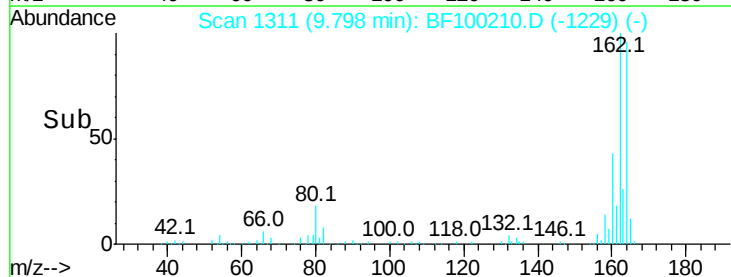
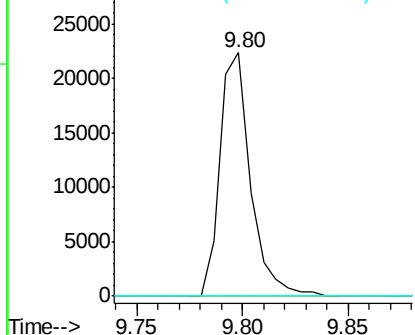


#50
 2,6-Dinitrotoluene
 Concen: 7.448 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Tgt Ion:165 Resp: 22345
 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

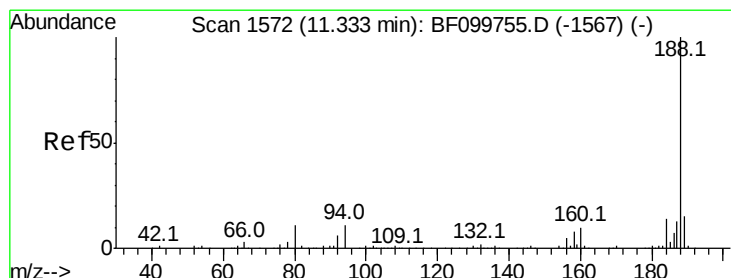
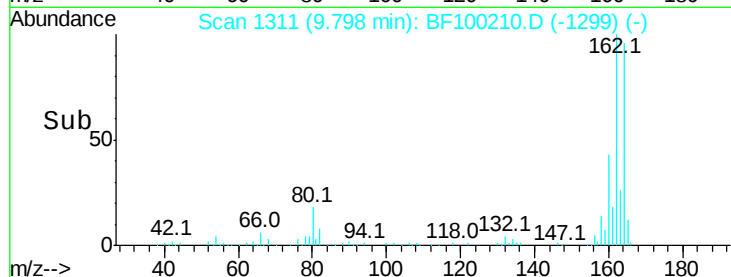
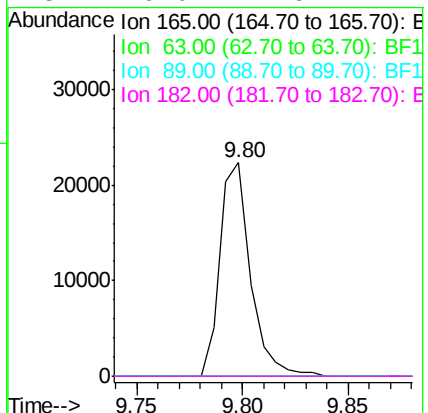
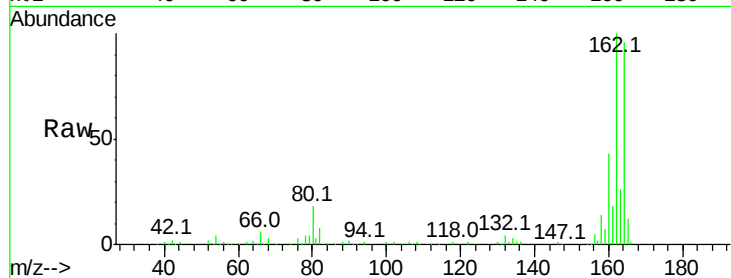




#56
 2,4-Dinitrotoluene
 Concen: 6.184 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

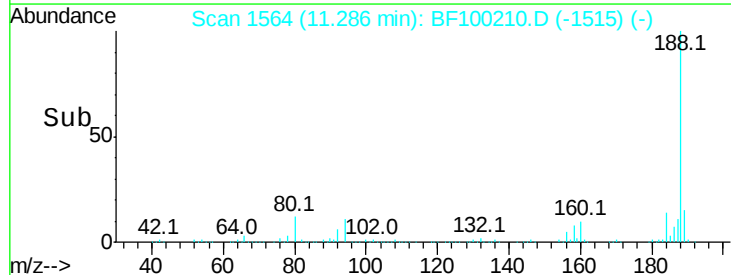
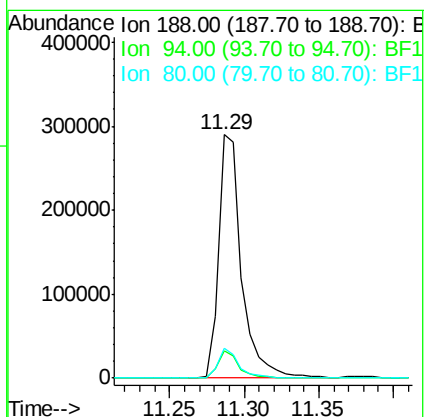
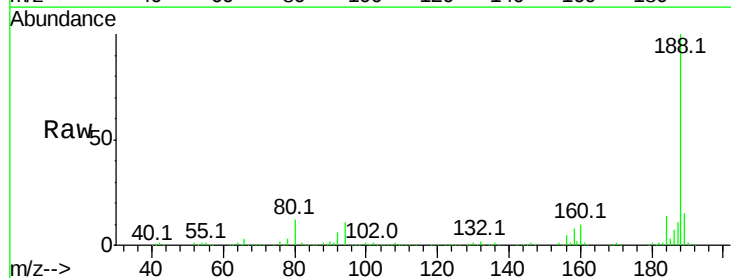
Instrument :
 BNA_F
 ClientSampleId :

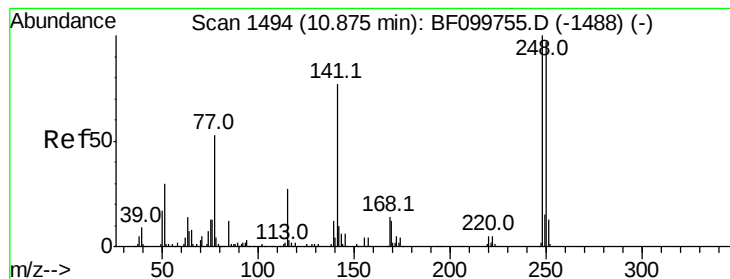
Tot Ion:165 Resp: 22345
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Tgt Ion:188 Resp: 313400
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.1 9.2 13.8

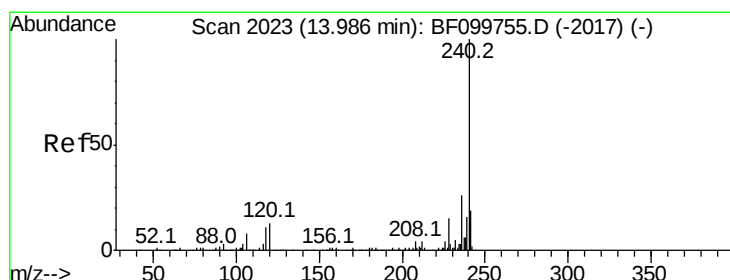
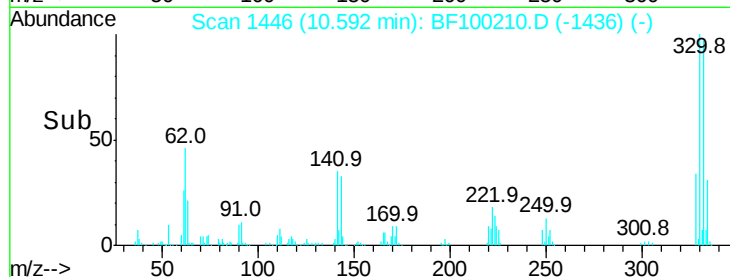
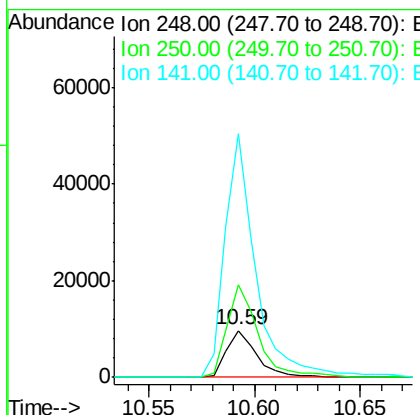
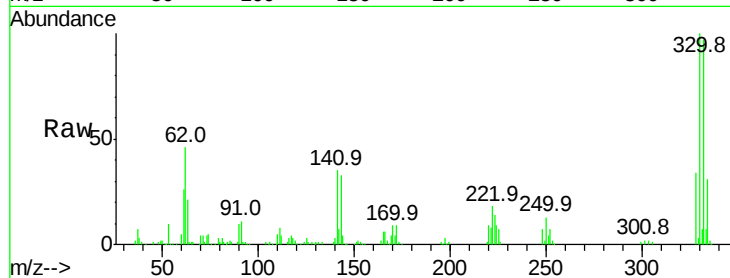




#66
 4-Bromophenyl-phenylether
 Concen: 2.891 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

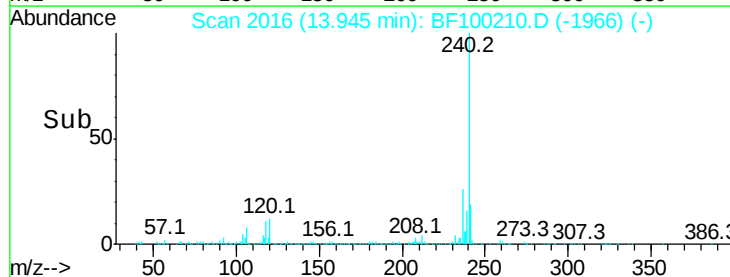
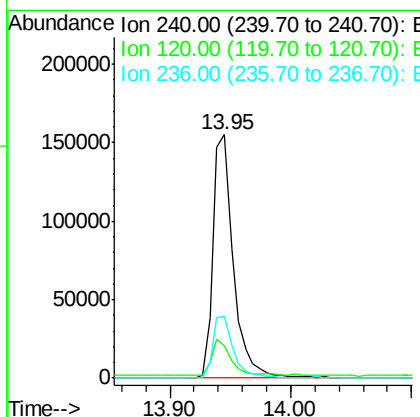
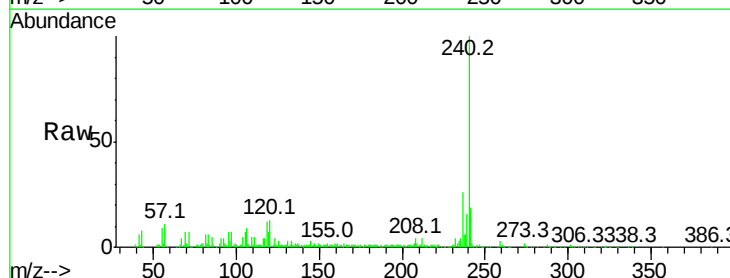
Instrument :
 BNA_F
 ClientSampleId :

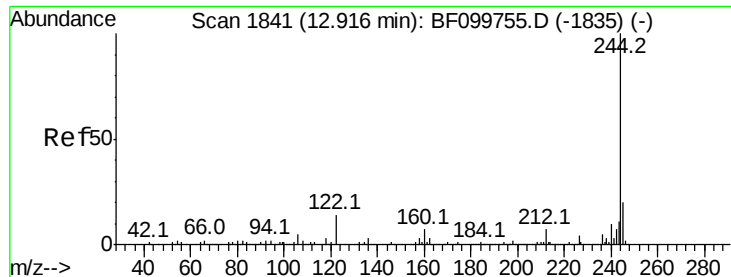
Tot Ion:248 Resp: 9537
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 518.0 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF100210.D
 Acq: 5 Nov 2017 5:59

Tgt Ion:240 Resp: 179301
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 110.061 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

Instrument :

BNA_F

ClientSampleId :

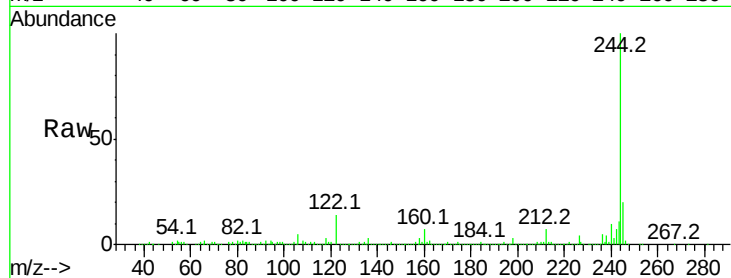
Tot Ion:244 Resp: 903008

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

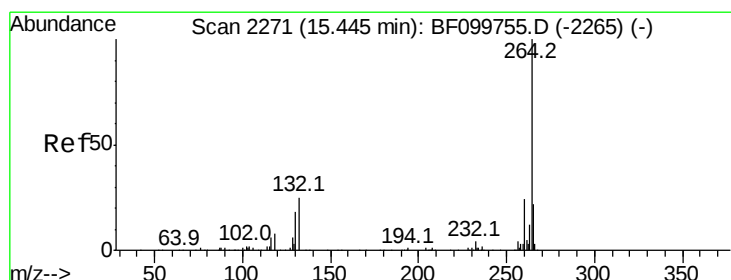
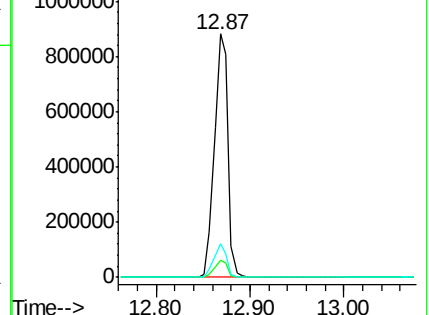
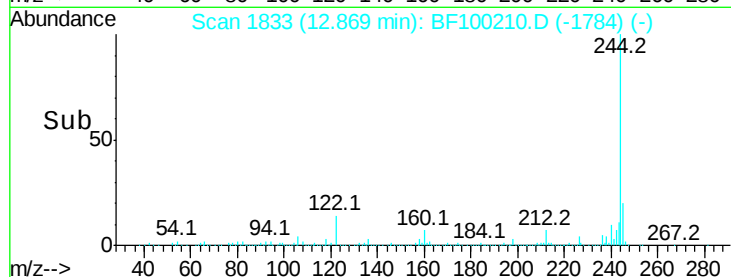
122 14.0 11.0 16.4



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# 2264

Delta R.T. -0.01 min

Lab File: BF100210.D

Acq: 5 Nov 2017 5:59

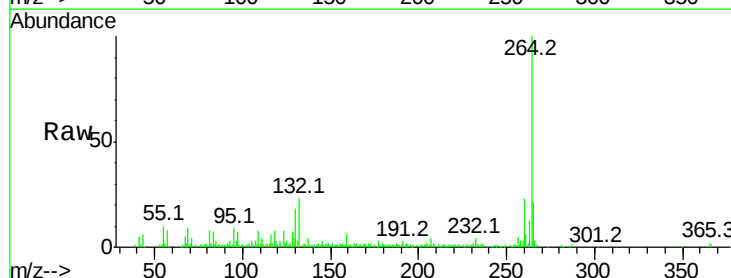
Tgt Ion:264 Resp: 140185

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

