

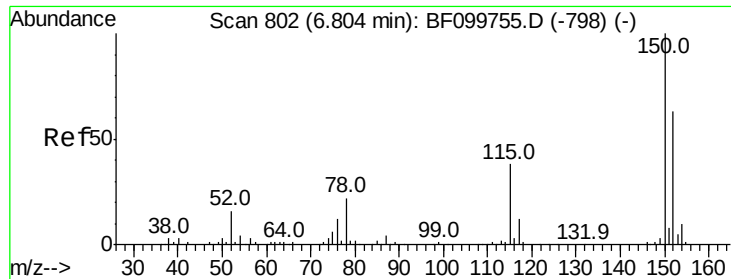
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110717\
 Data File : BF100280.D
 Acq On : 7 Nov 2017 13:22
 Operator : SJ/JU
 Sample : I6336-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 23:49:29 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	6.71	152	95957	20.00	ng	-0.05
21) Naphthalene-d8	7.99	136	400510	20.00	ng	-0.05
38) Acenaphthene-d10	9.74	164	191989	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	358884	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	240471	20.00	ng	-0.06
86) Perylene-d12	15.33	264	158363	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	106776	17.47	ng	-0.01
7) Phenol-d6	6.39	99	74070	10.22	ng	-0.03
23) Nitrobenzene-d5	7.29	82	238084	38.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.54	330	72988	41.72	ng	-0.06
44) 2-Fluorobiphenyl	9.06	172	525328	42.22	ng	-0.05
78) Terphenyl-d14	12.82	244	448574	40.77	ng	-0.05
Target Compounds						
10) Phenol	6.41	94	30174	3.792	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.29	70	29503	6.947	ng	# 71
25) Isophorone	7.29	82	238082	21.091	ng	# 64
49) Dimethylphthalate	9.47	163	96211	6.328	ng	100
51) Acenaphthene	9.77	154	61100	5.147	ng	98
54) Dibenzofuran	9.96	168	64570	3.854	ng	97
55) 4-Nitrophenol	9.96	139	22426	11.397	ng	# 9
56) 2,4-Dinitrotoluene	9.74	165	24945	6.481	ng	# 23
57) Fluorene	10.30	166	51597	3.719	ng	99
62) Azobenzene	10.46	77	25314	2.034	ng	# 1
70) Phenanthrene	11.26	178	54999	2.716	ng	98
71) Anthracene	11.26	178	54999	2.675	ng	98

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

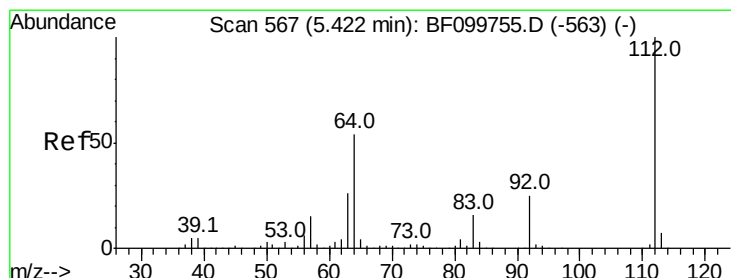
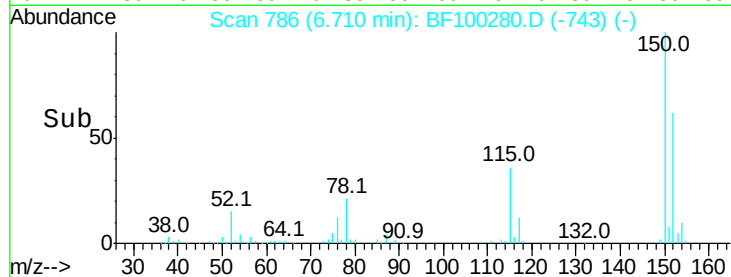
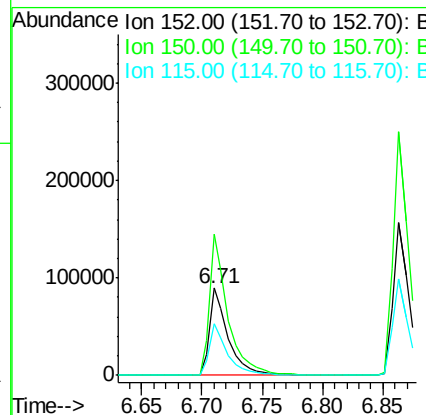
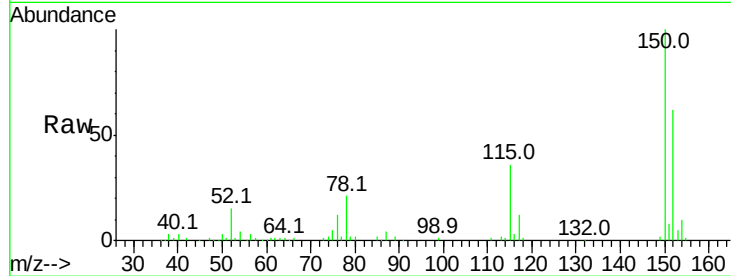


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :

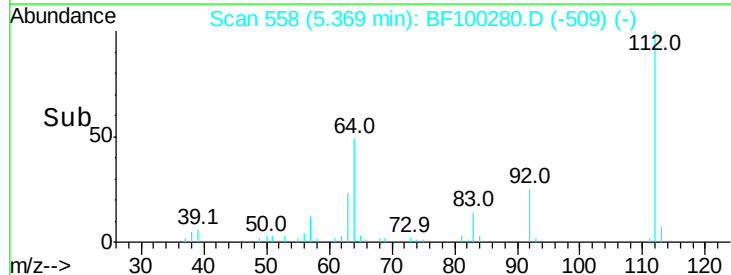
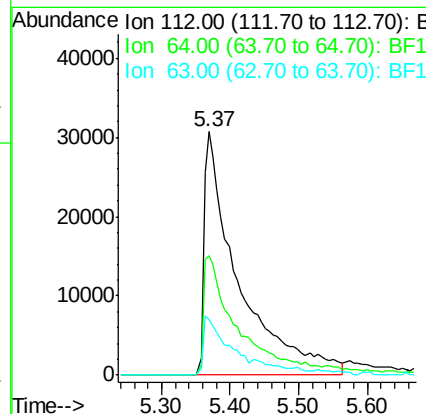
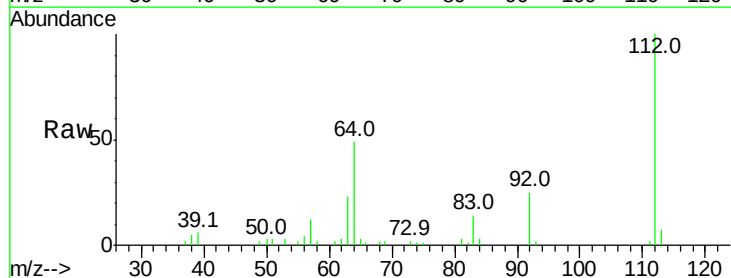
Tot Ion:152 Resp: 95957
 Ion Ratio Lower Upper
 152 100
 150 162.5 124.6 186.8
 115 59.3 50.1 75.1

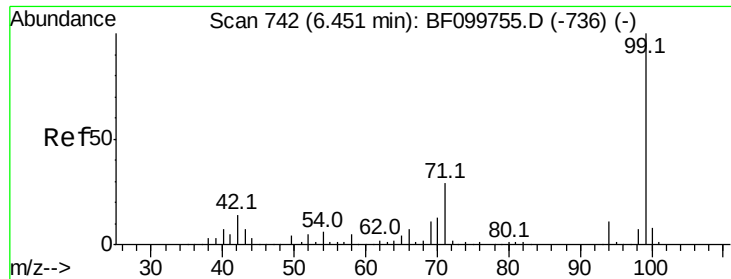


#5

2-Fluorophenol
 Concen: 17.470 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Tgt Ion:112 Resp: 106776
 Ion Ratio Lower Upper
 112 100
 64 48.8 47.9 71.9
 63 23.0 23.7 35.5#





#7

Phenol-d6

Concen: 10.221 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

ClientSampleId :

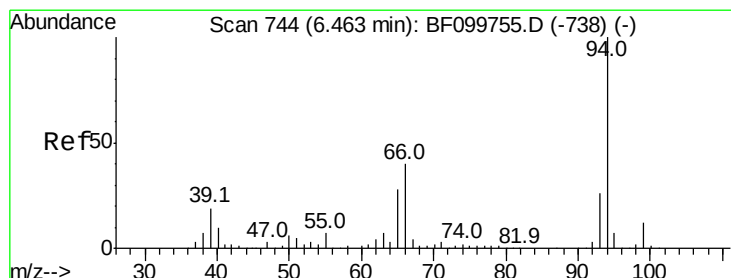
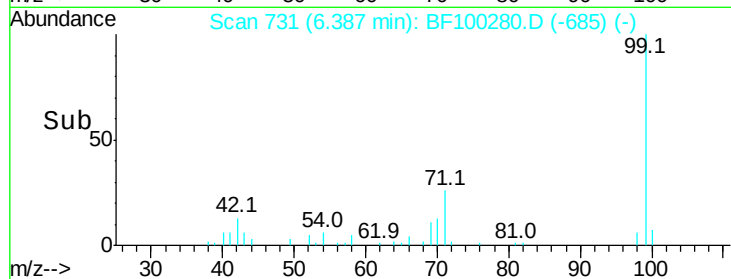
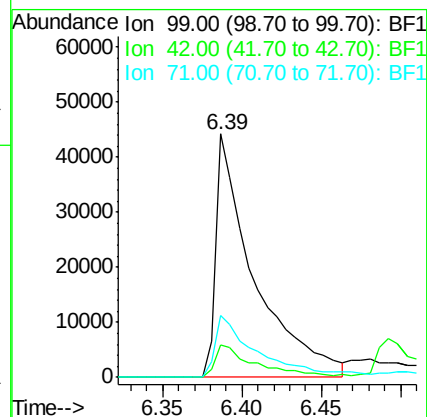
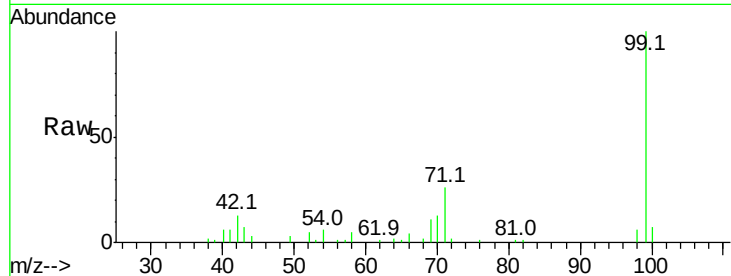
Tot Ion: 99 Resp: 74070

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

71 25.6 25.4 38.0



#10

Phenol

Concen: 3.792 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

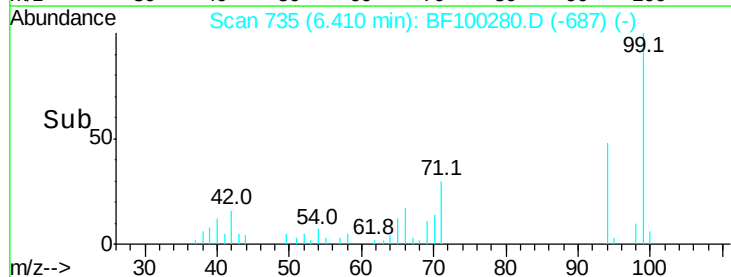
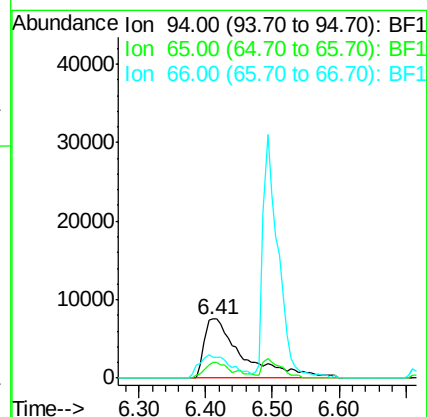
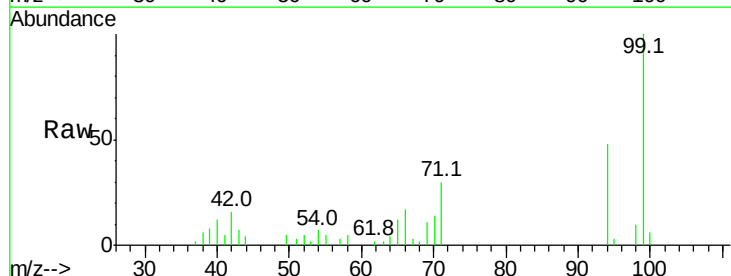
Tgt Ion: 94 Resp: 30174

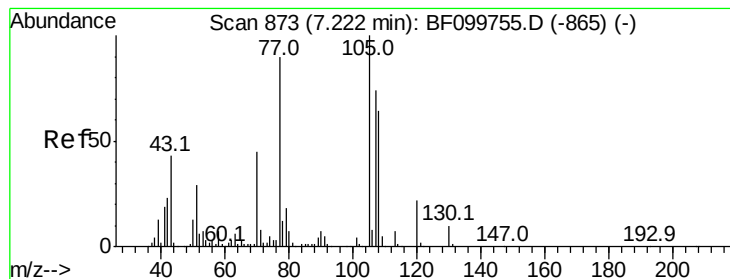
Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

66 34.8 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 6.947 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 29503

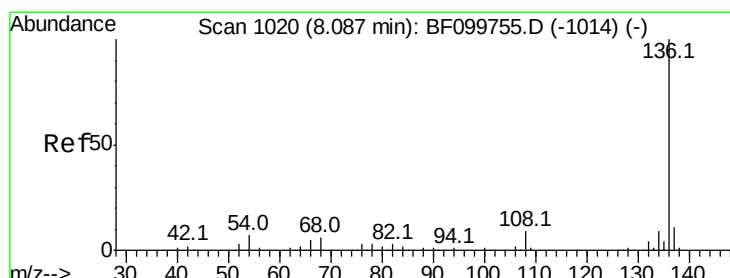
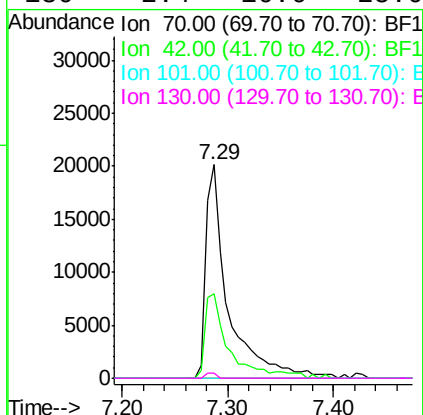
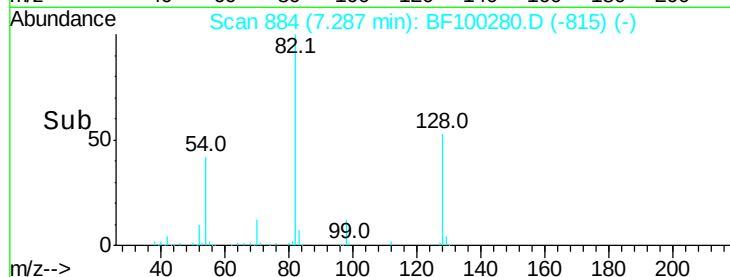
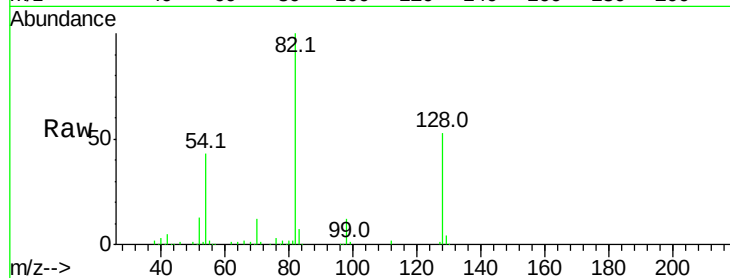
Ion Ratio Lower Upper

70 100

42 39.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Tgt Ion: 136 Resp: 400510

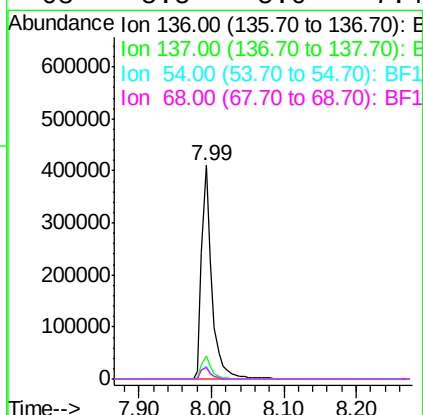
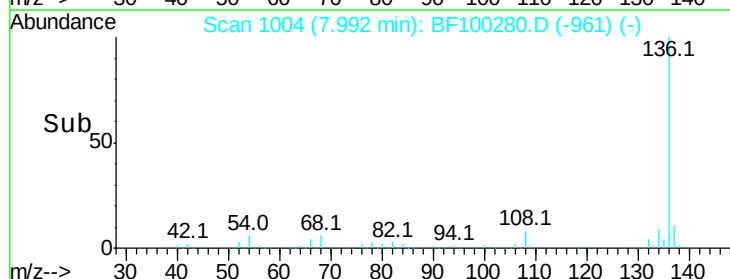
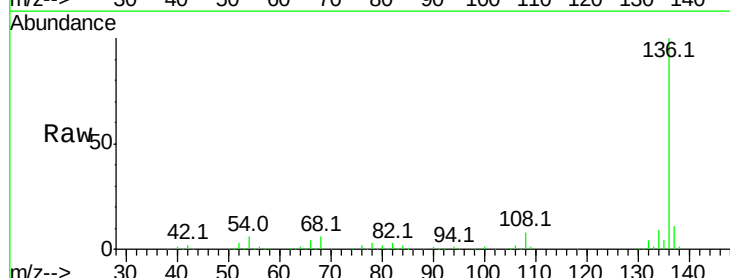
Ion Ratio Lower Upper

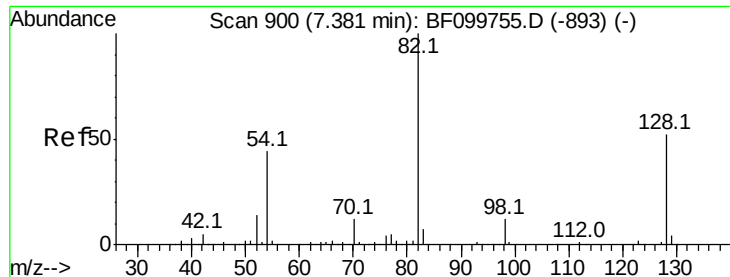
136 100

137 10.8 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

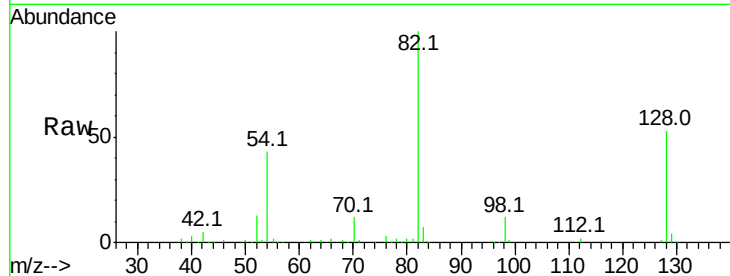




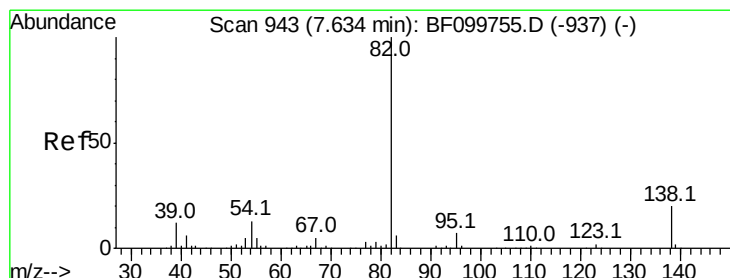
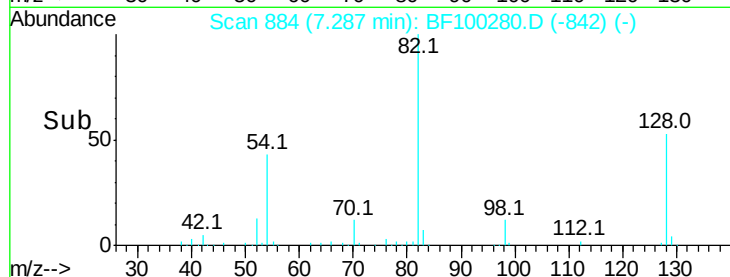
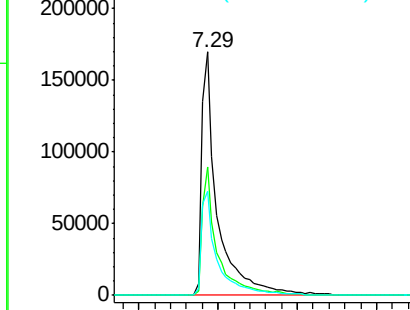
#23
Nitrobenzene-d5
Concen: 38.271 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 238084
Ion Ratio Lower Upper
82 100
128 52.7 36.1 54.1
54 42.8 41.4 62.2

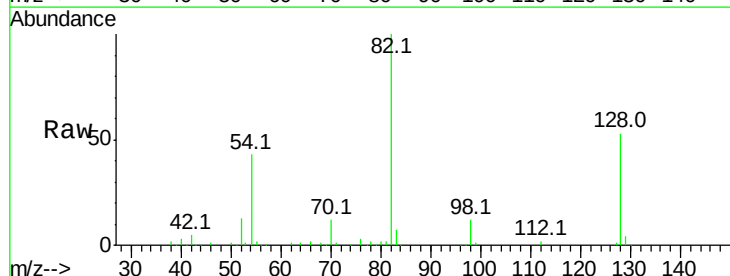


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

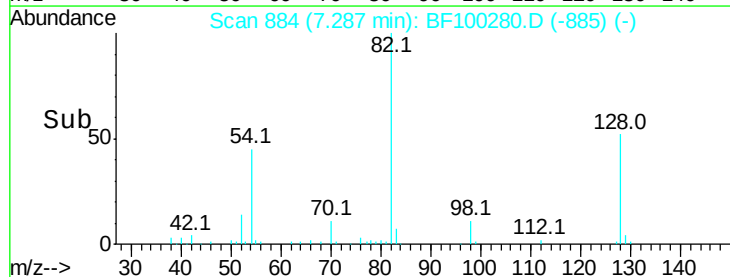
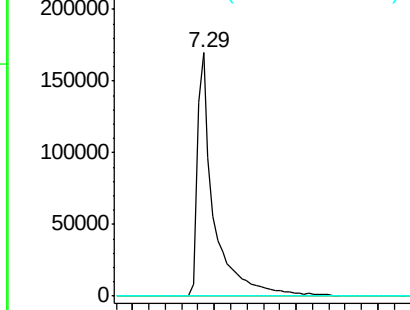


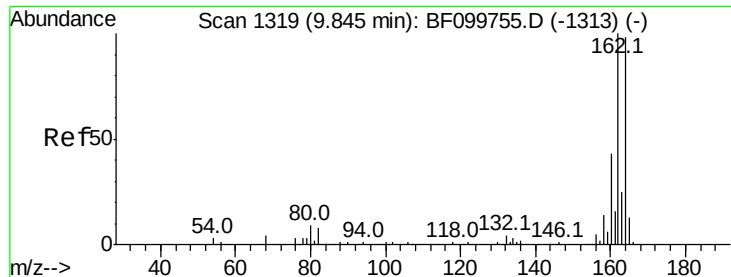
#25
Isophorone
Concen: 21.091 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.31 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion: 82 Resp: 238082
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: 9.74 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

ClientSampled :

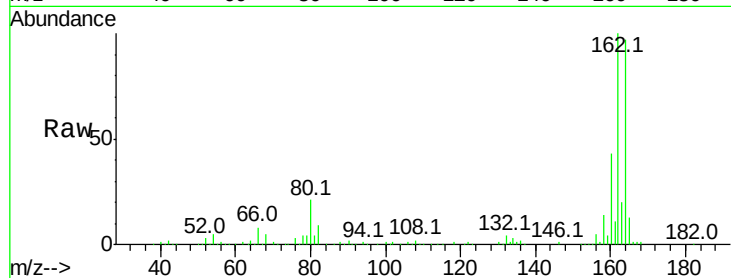
Tot Ion:164 Resp: 191989

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

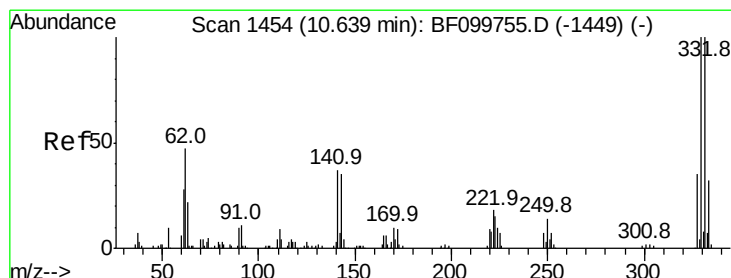
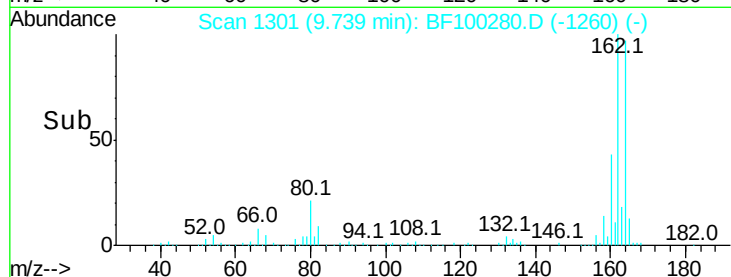
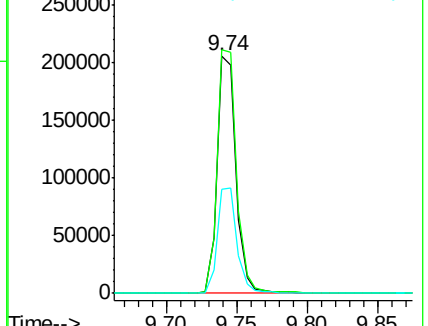
160 44.1 38.3 57.5



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: 41.716 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

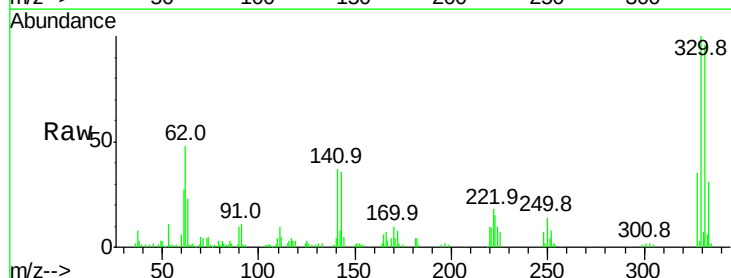
Tgt Ion:330 Resp: 72988

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

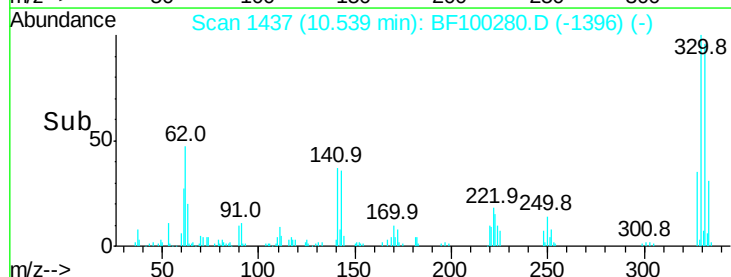
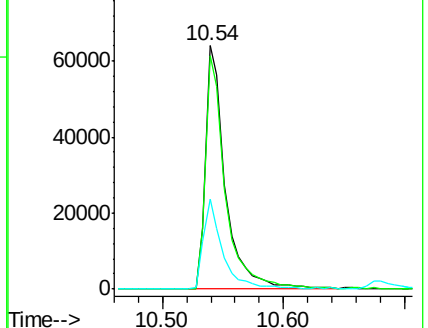
141 36.0 29.9 44.9

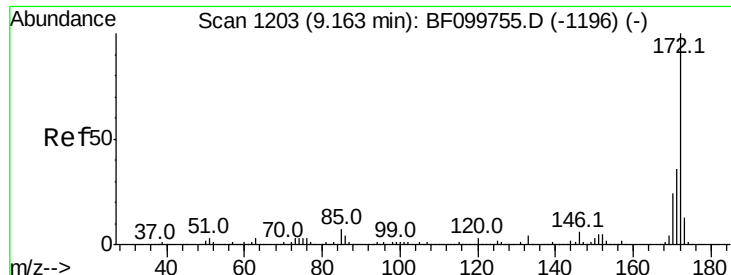


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

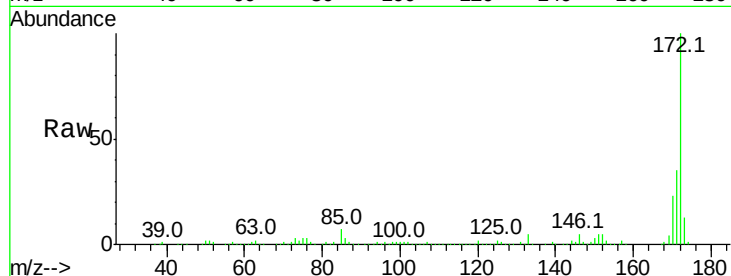




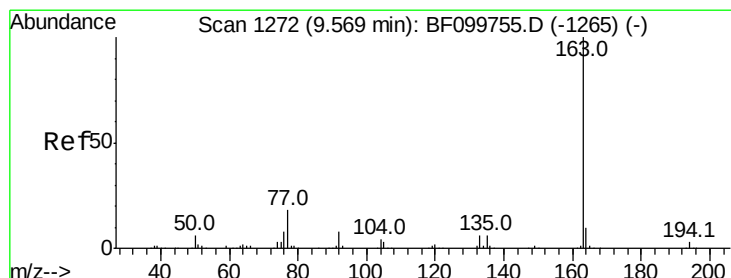
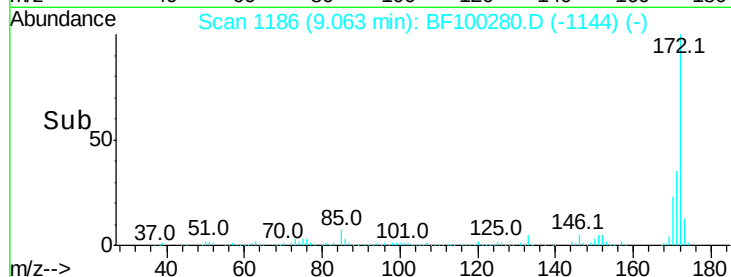
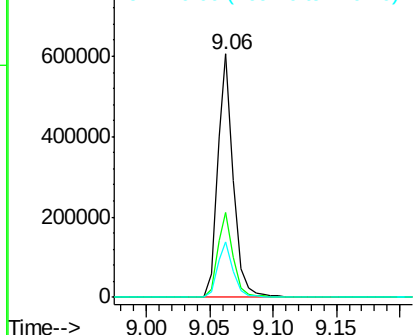
#44
2-Fluorobiphenyl
Concen: 42.216 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 525328
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 22.9 19.6 29.4

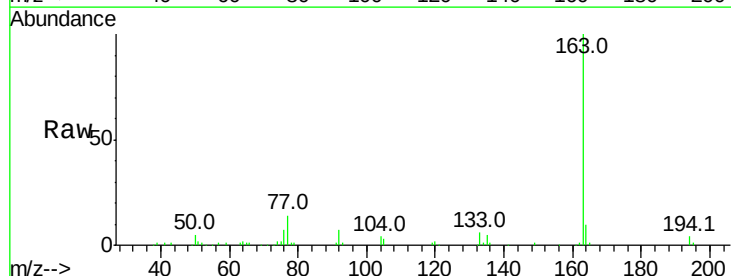


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

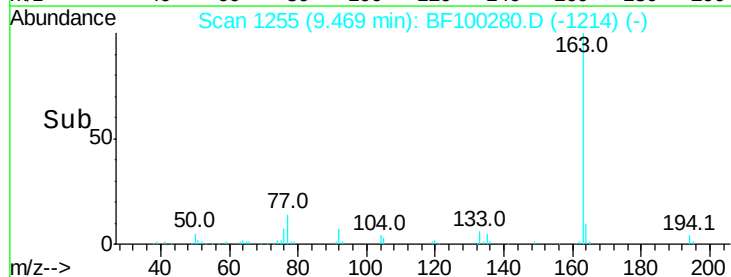
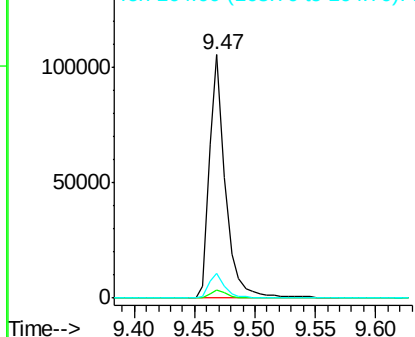


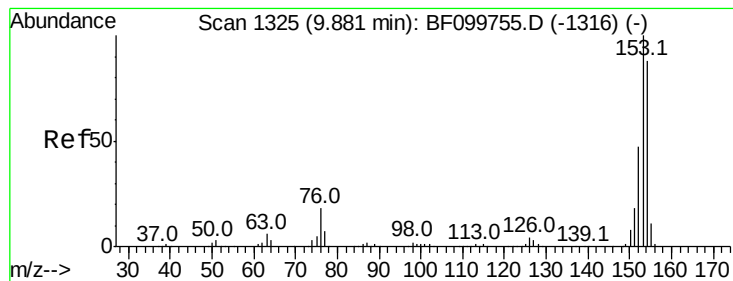
#49
Dimethylphthalate
Concen: 6.328 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.06 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion:163 Resp: 96211
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





#51

Acenaphthene

Concen: 5.147 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.06 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

ClientSampleId :

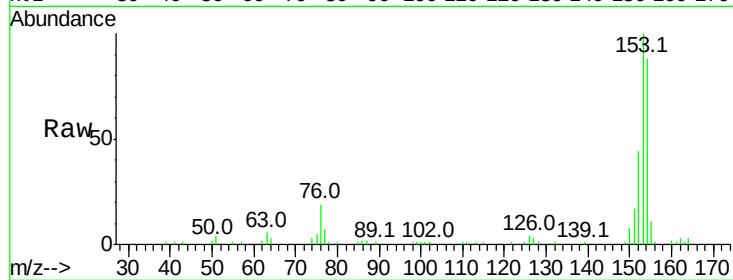
Tot Ion:154 Resp: 61100

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

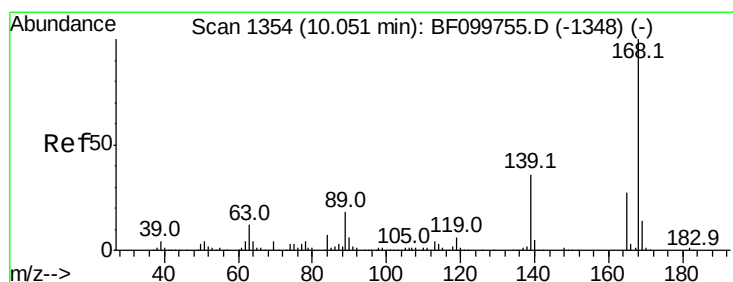
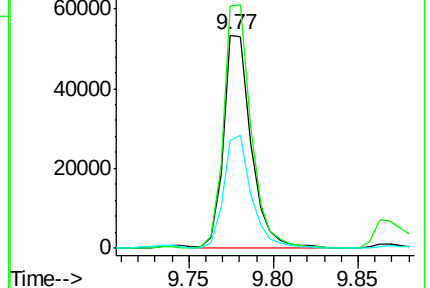
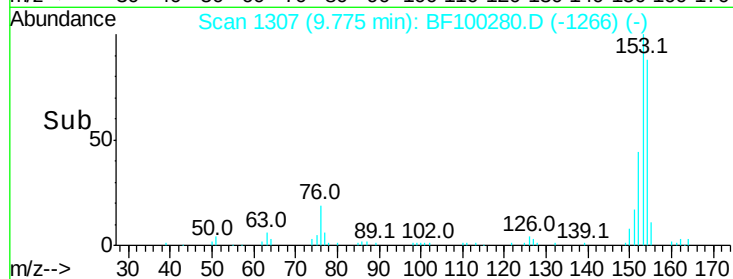
152 50.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.854 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.04 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

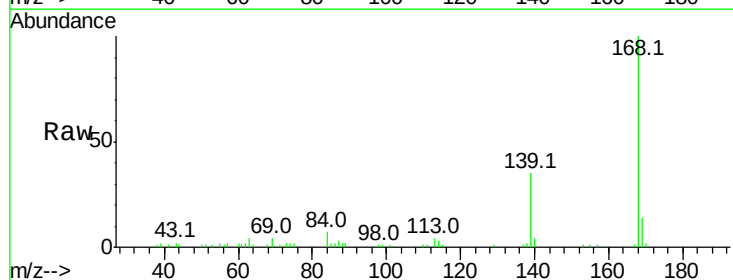
Tgt Ion:168 Resp: 64570

Ion Ratio Lower Upper

168 100

139 35.1 30.1 45.1

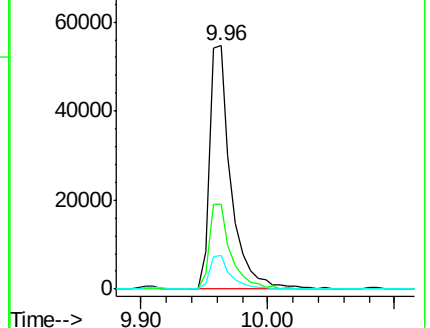
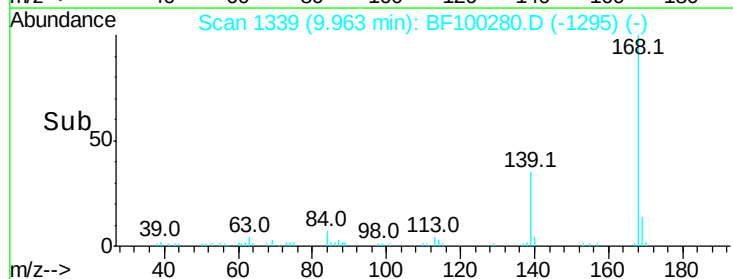
169 13.9 10.9 16.3

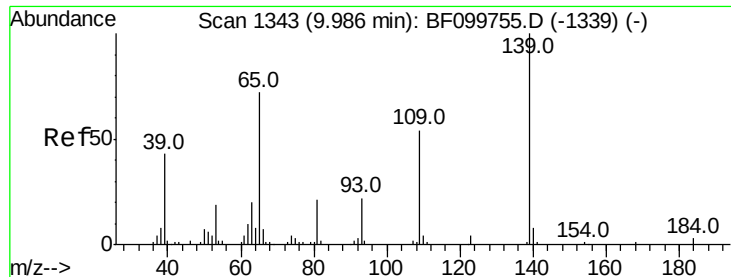


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

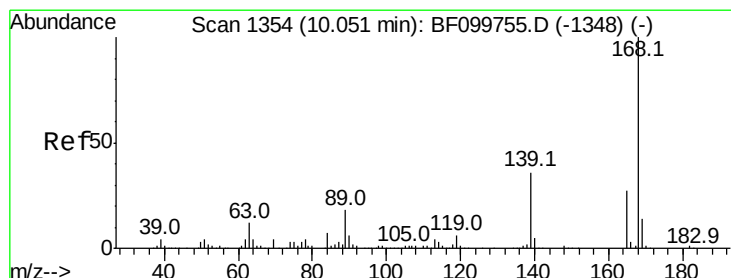
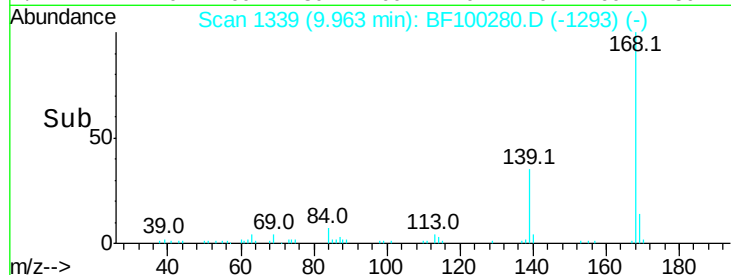
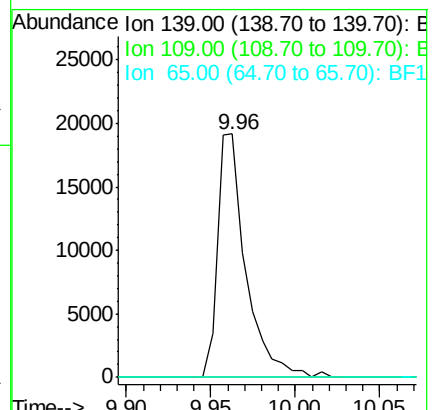
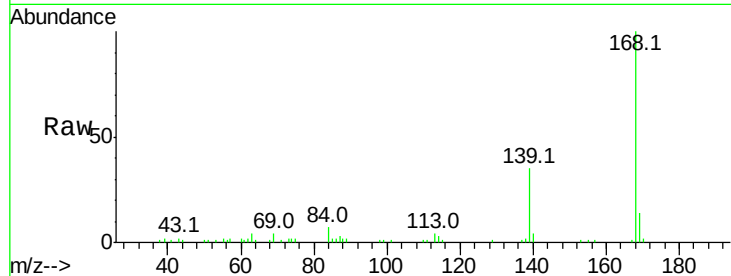




#55
4-Nitrophenol
Concen: 11.397 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

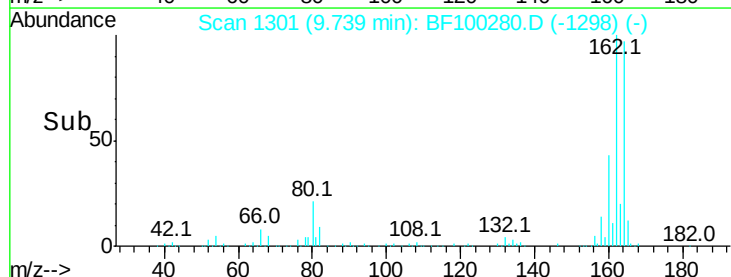
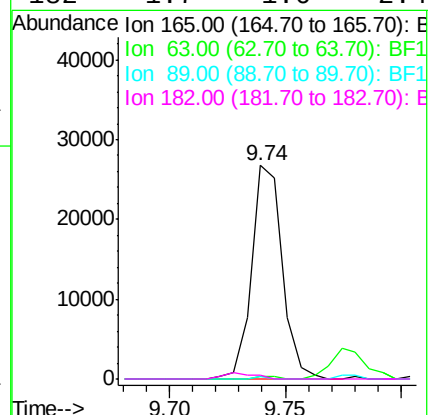
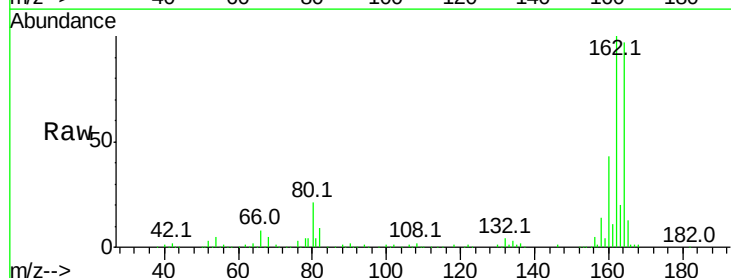
Instrument :
BNA_F
ClientSampled :

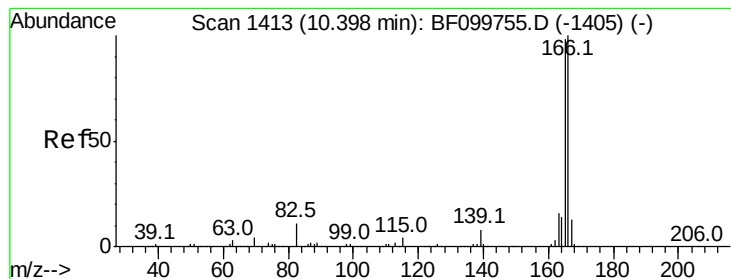
Tot Ion:139 Resp: 22426
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.28 min
Lab File: BF100280.D
Acq: 7 Nov 2017 13:22

Tgt Ion:165 Resp: 24945
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.4 57.8 86.6#
182 1.7 1.6 2.4





#57

Fluorene

Concen: 3.719 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.05 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Instrument :

BNA_F

ClientSampleId :

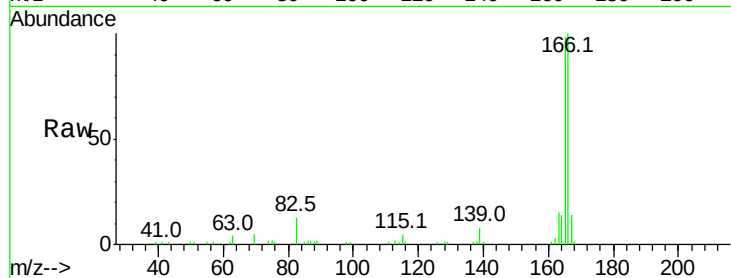
Tot Ion:166 Resp: 51597

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

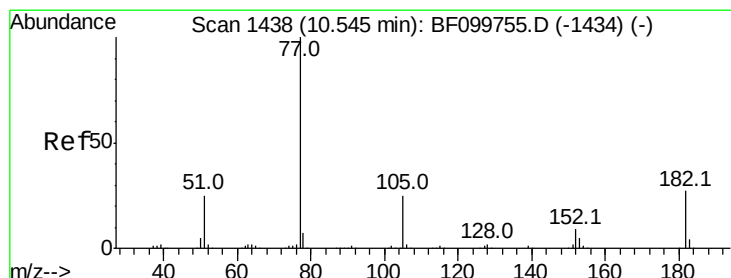
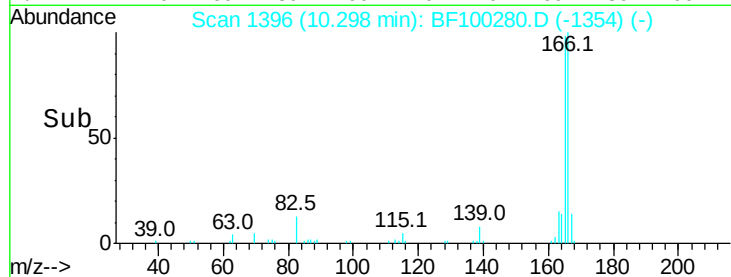
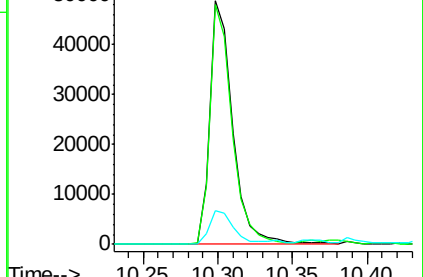
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

Azobenzene

Concen: 2.034 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.04 min

Lab File: BF100280.D

Acq: 7 Nov 2017 13:22

Tgt Ion: 77 Resp: 25314

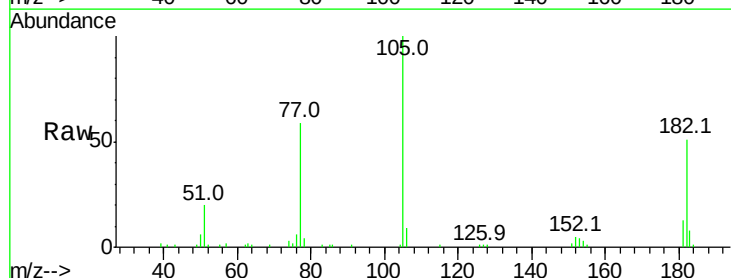
Ion Ratio Lower Upper

77 100

182 85.9 1.7 41.7#

105 168.5 3.0 43.0#

51 33.3 9.9 49.9

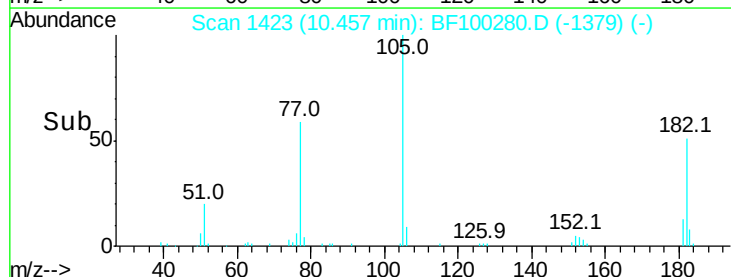
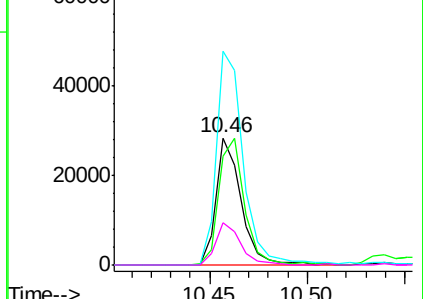


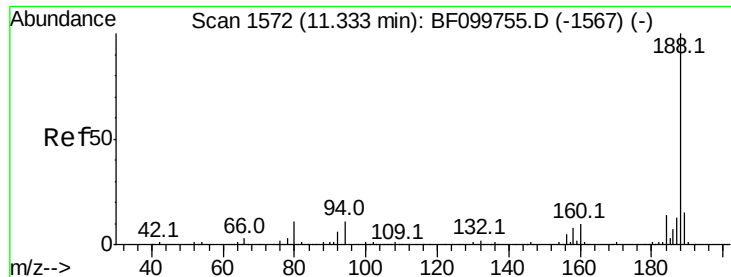
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

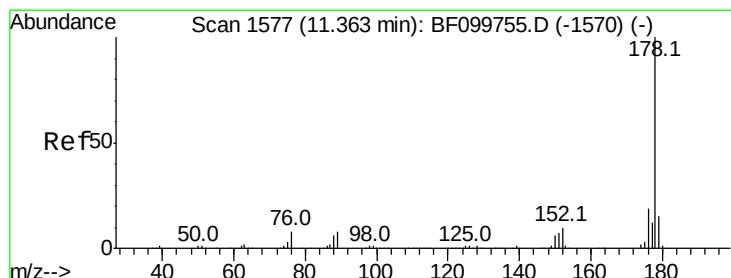
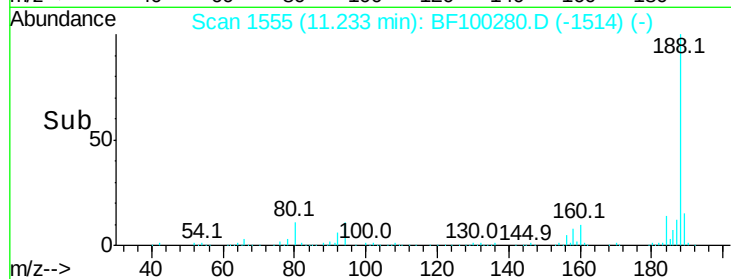
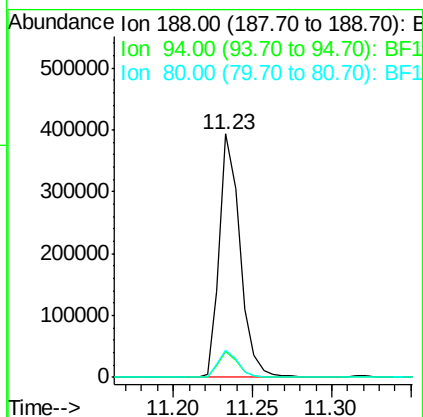
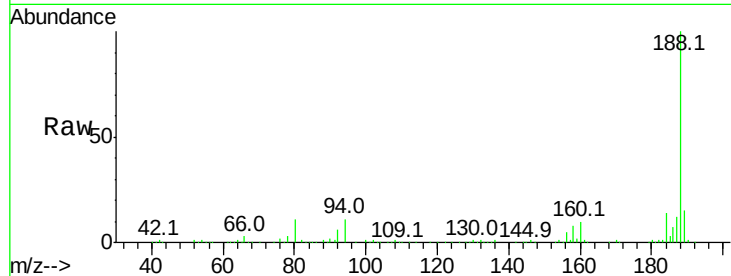




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.06 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

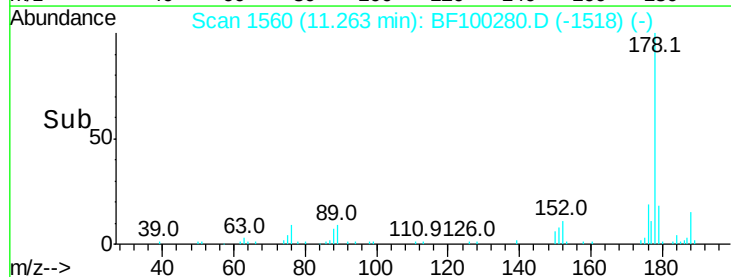
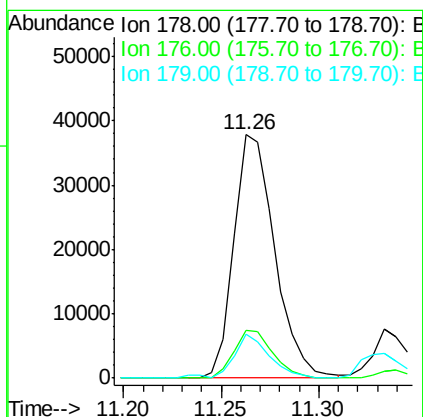
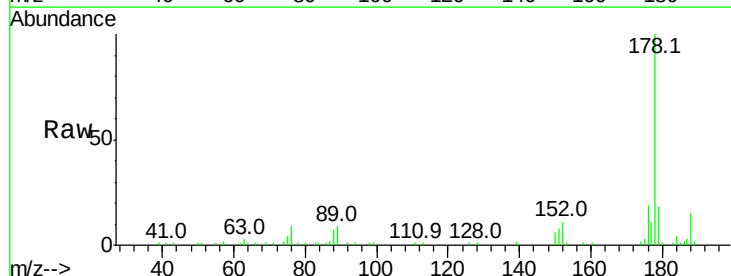
Instrument :
 BNA_F
 ClientSampled :

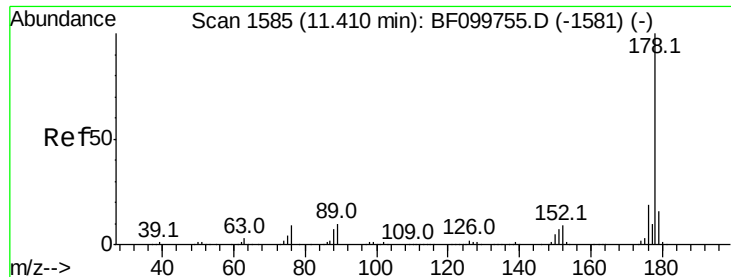
Tot Ion:188 Resp: 358884
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.2 9.2 13.8



#70
 Phenanthrene
 Concen: 2.716 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.05 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Tgt Ion:178 Resp: 54999
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 17.9 13.0 19.6

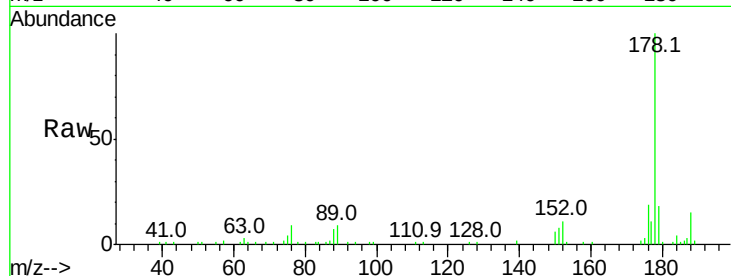




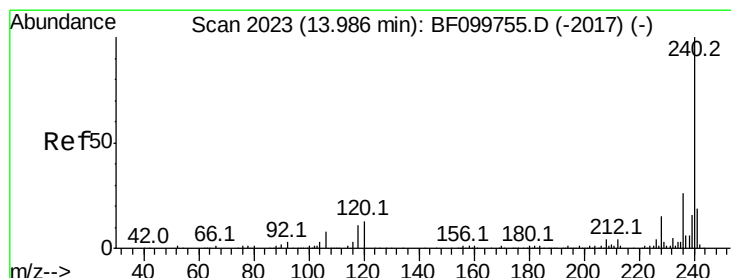
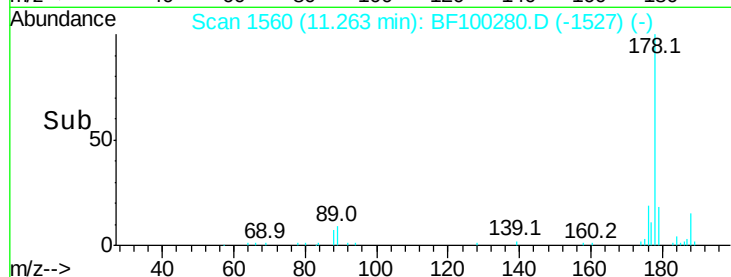
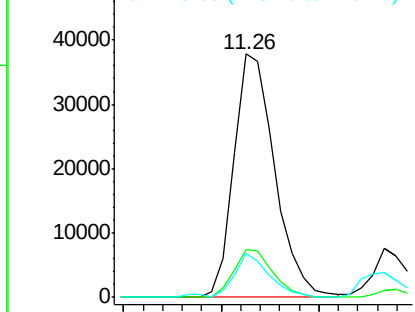
#71
 Anthracene
 Concen: 2.675 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.11 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 54999
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 17.9 12.6 19.0

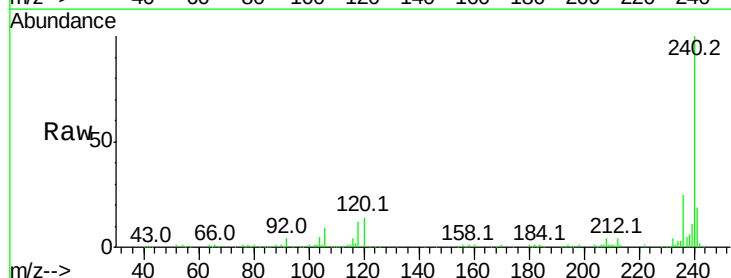


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

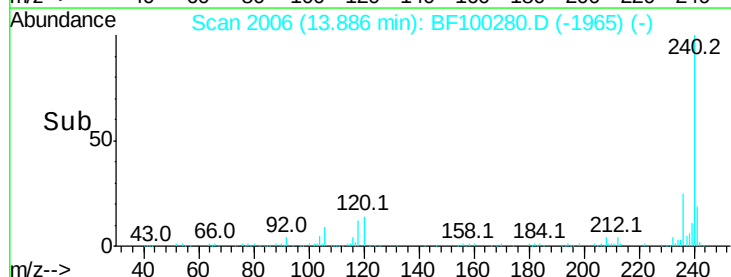
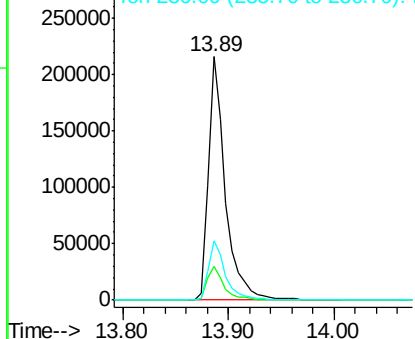


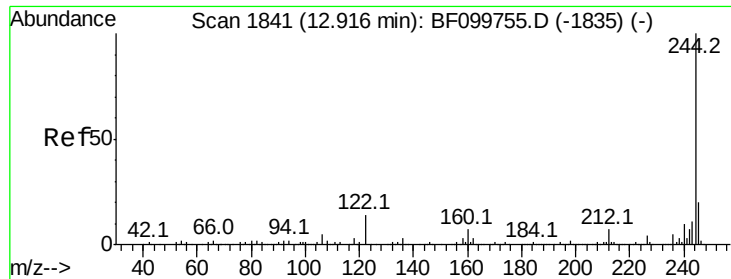
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.06 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Tgt Ion:240 Resp: 240471
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 24.5 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

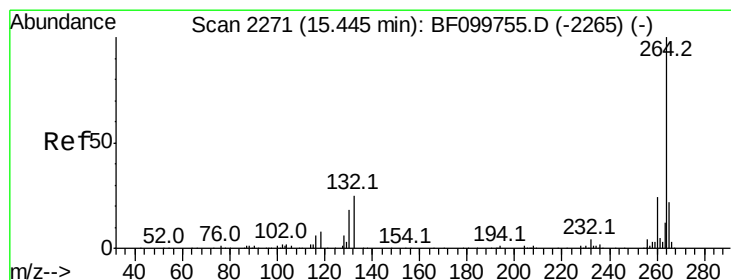
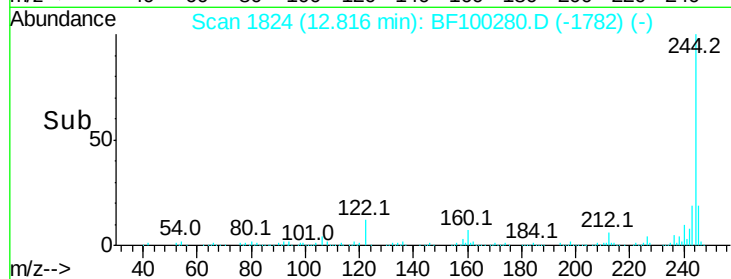
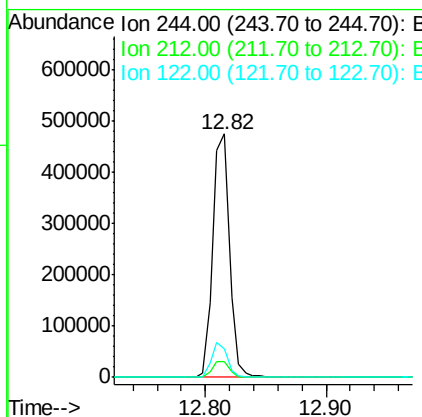
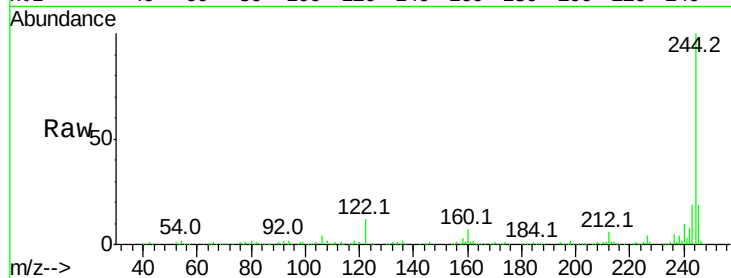




#78
 Terphenyl-d14
 Concen: 40.766 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.05 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 448574
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.07 min
 Lab File: BF100280.D
 Acq: 7 Nov 2017 13:22

Tgt Ion:264 Resp: 158363
 Ion Ratio Lower Upper
 264 100
 260 20.9 19.2 28.8
 265 21.3 17.5 26.3

