

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100116.D
 Acq On : 3 Nov 2017 6:21
 Operator : SJ/JU
 Sample : I6273-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-B

Quant Time: Nov 03 07:38:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

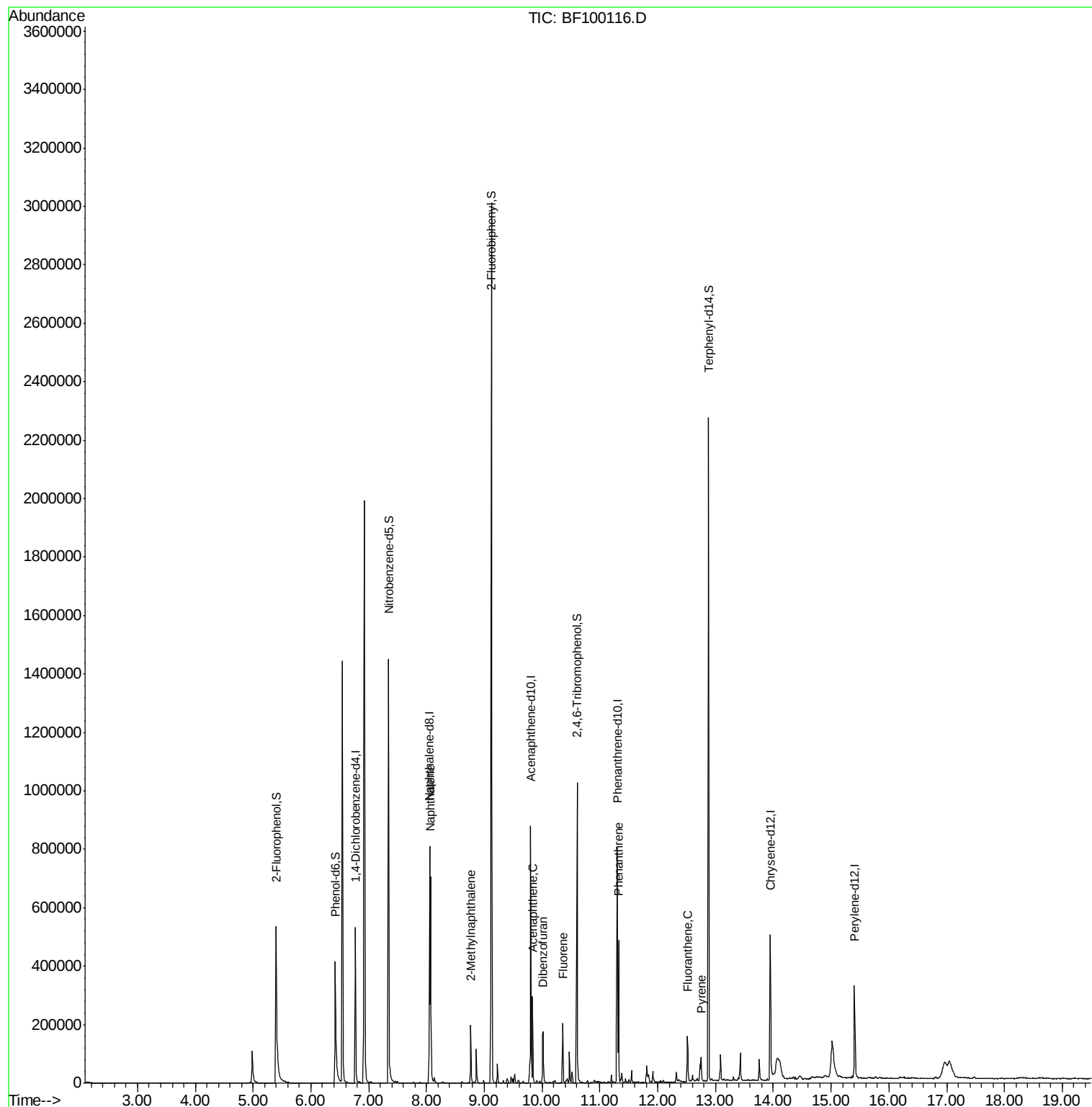
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89450	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	364697	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	166060	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	284252	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	179719	20.00	ng	-0.02
86) Perylene-d12	15.41	264	151191	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	286098	50.21	ng	0.00
7) Phenol-d6	6.42	99	242320	35.87	ng	-0.01
23) Nitrobenzene-d5	7.35	82	541758	95.64	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	142290	94.02	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1018945	94.67	ng	0.00
78) Terphenyl-d14	12.88	244	893870	108.69	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.07	128	373858	21.237	ng	99
37) 2-Methylnaphthalene	8.76	142	61197	5.187	ng	97
51) Acenaphthene	9.84	154	70108	6.828	ng	97
54) Dibenzofuran	10.02	168	70165	4.841	ng	95
57) Fluorene	10.36	166	59309	4.943	ng	99
70) Phenanthrene	11.32	178	178543	11.130	ng	97
74) Fluoranthene	12.52	202	55882	3.352	ng	98
77) Pyrene	12.75	202	35703	2.613	ng	99

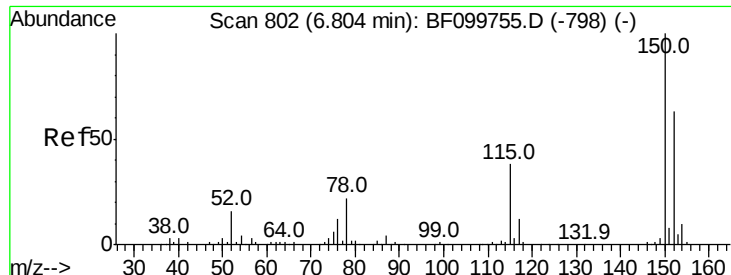
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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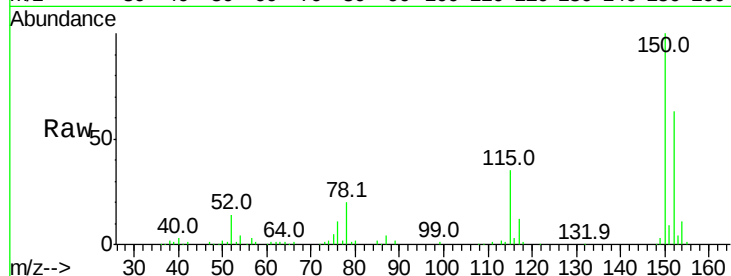


#1

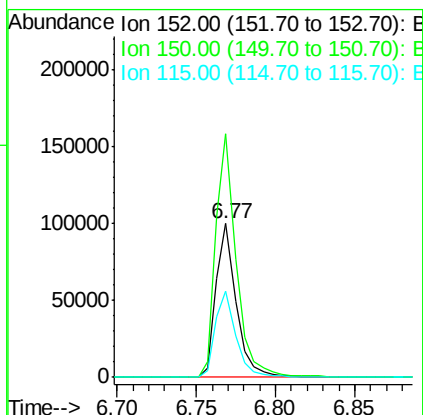
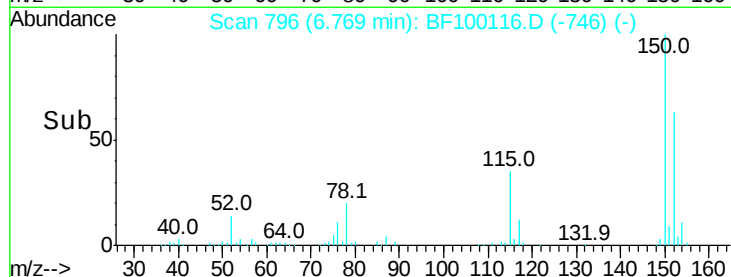
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-B

Tot Ion:152 Resp: 89450
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 56.0 50.1 75.1



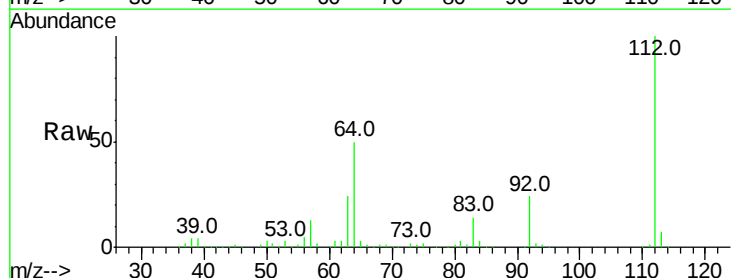
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



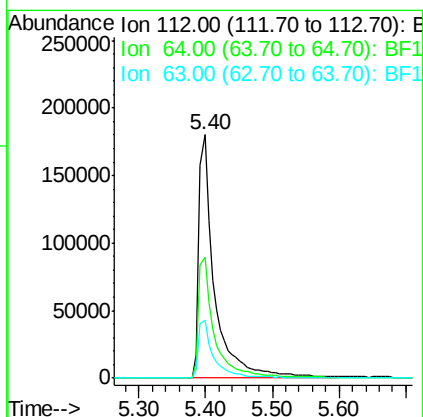
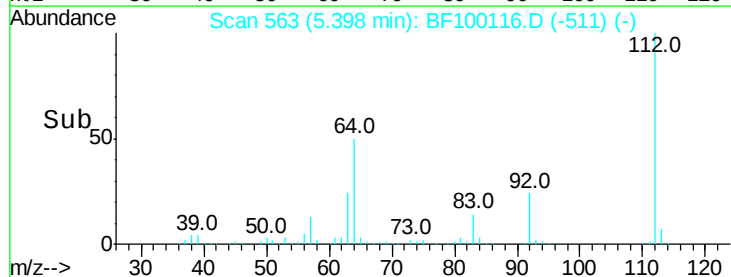
#5

2-Fluorophenol
 Concen: 50.214 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Tgt Ion:112 Resp: 286098
 Ion Ratio Lower Upper
 112 100
 64 49.8 47.9 71.9
 63 24.1 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: 35.869 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

Instrument :

BNA_F

ClientSampleId :

103117-TIDO-E-D-B

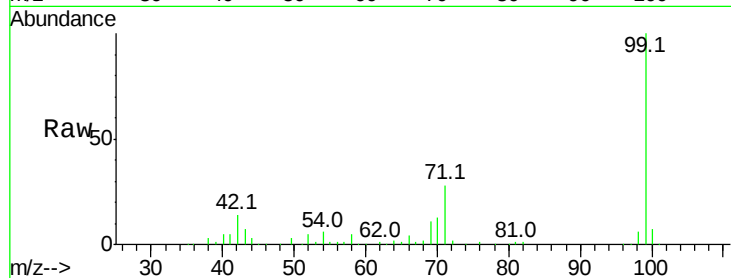
Tot Ion: 99 Resp: 242320

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

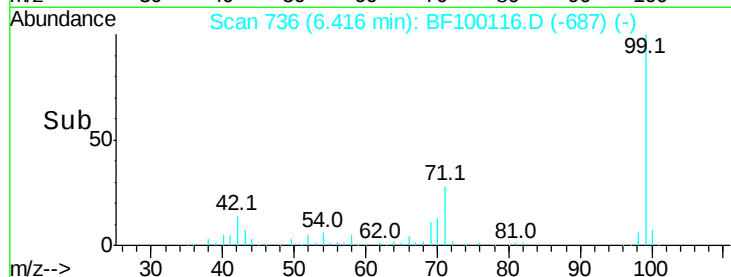
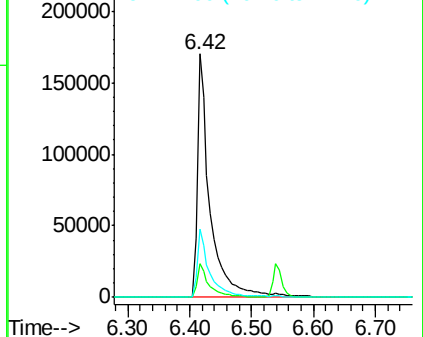
71 28.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

Tgt Ion: 136 Resp: 364697

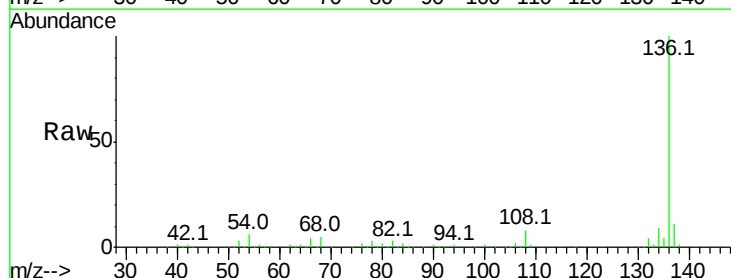
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 5.0 7.4

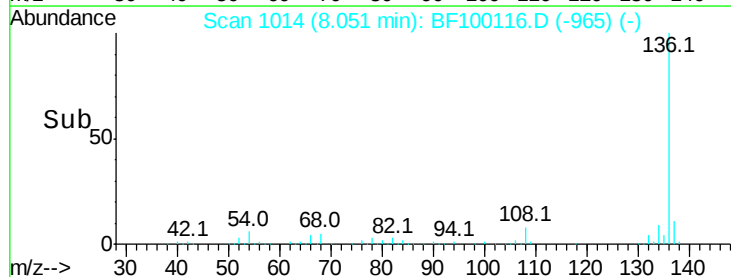
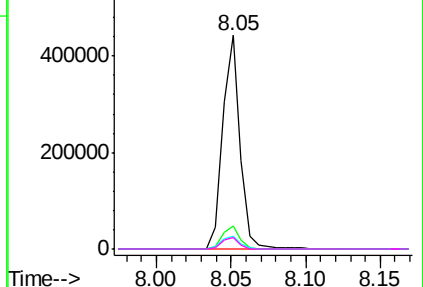


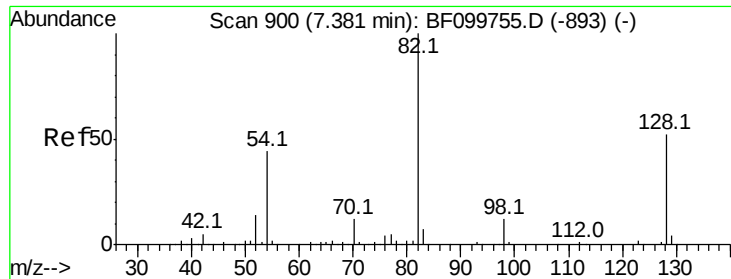
Abundance Ion 136.00 (135.70 to 136.70): E

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

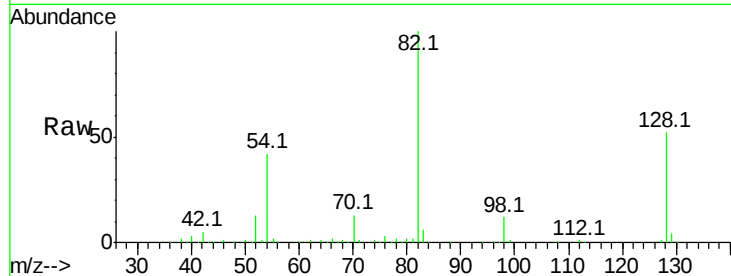




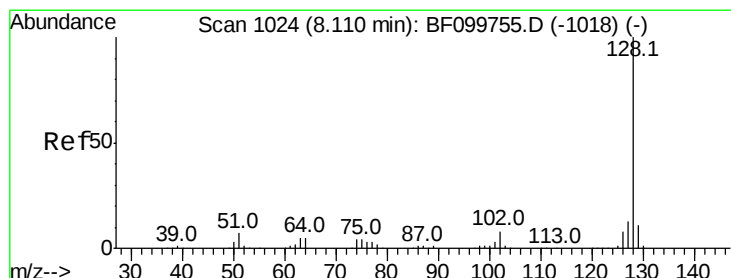
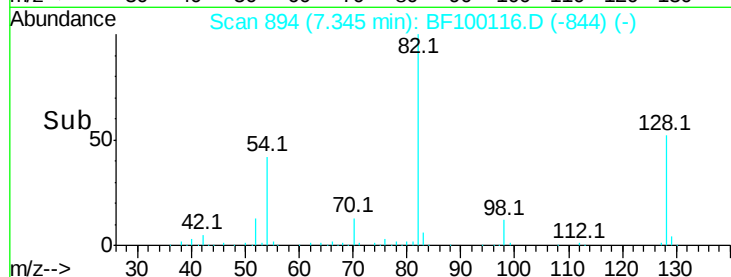
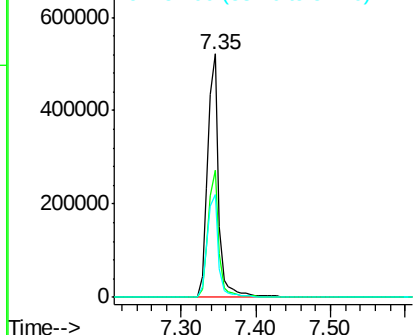
#23
 Nitrobenzene-d5
 Concen: 95.637 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-B

Tot Ion: 82 Resp: 541758
 Ion Ratio Lower Upper
 82 100
 128 52.2 36.1 54.1
 54 42.4 41.4 62.2

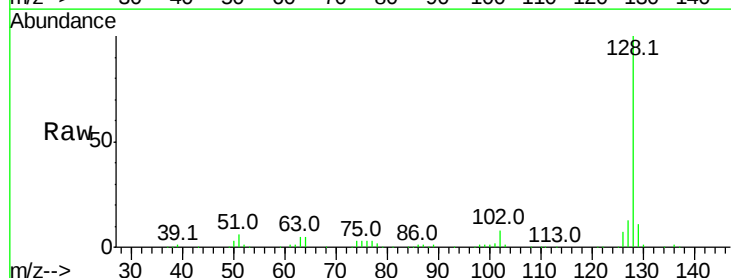


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

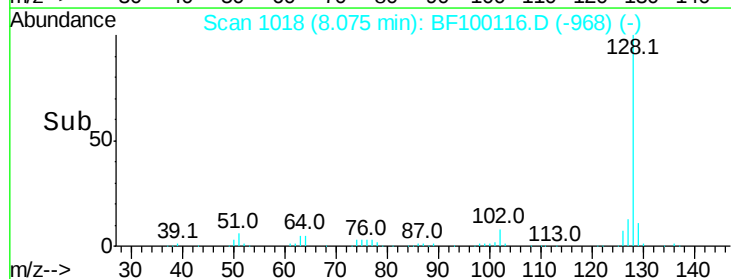
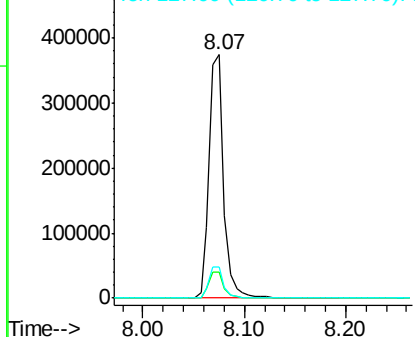


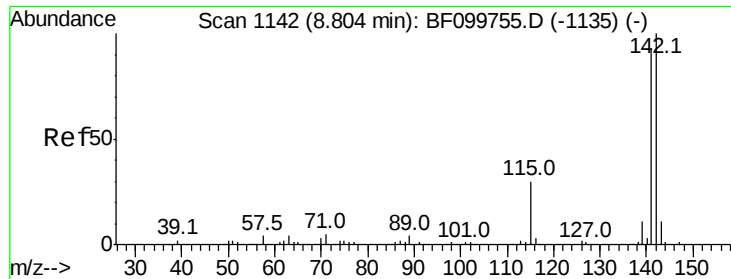
#31
 Naphthalene
 Concen: 21.237 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Tgt Ion: 128 Resp: 373858
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

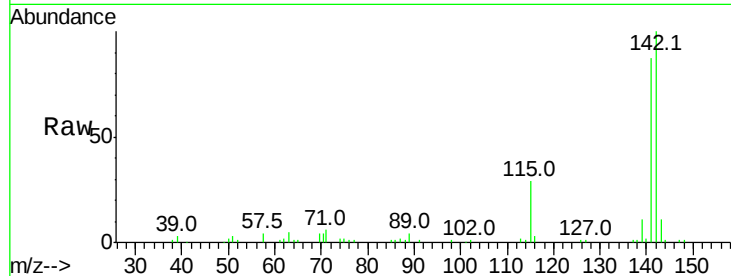




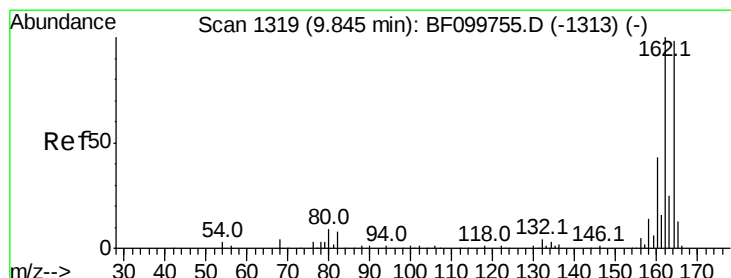
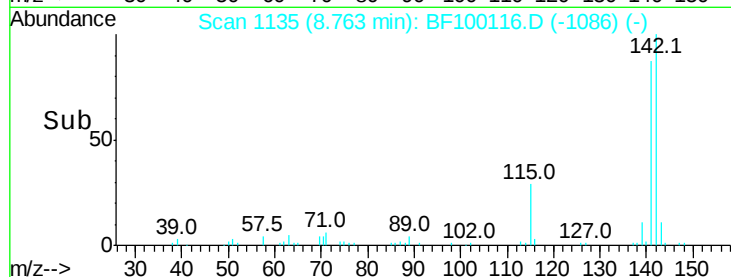
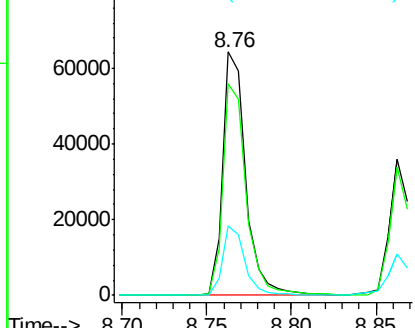
#37
 2-Methylnaphthalene
 Concen: 5.187 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-B

Tot Ion:142 Resp: 61197
 Ion Ratio Lower Upper
 142 100
 141 86.7 70.8 106.2
 115 28.8 26.1 39.1

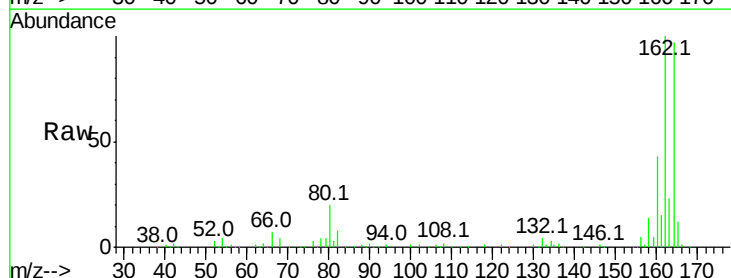


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

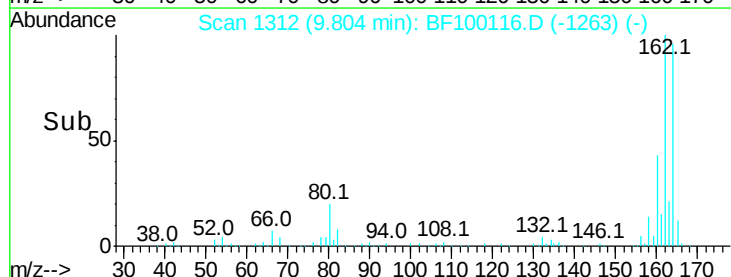
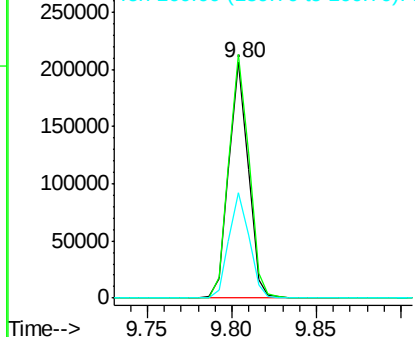


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Tgt Ion:164 Resp: 166060
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.5 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

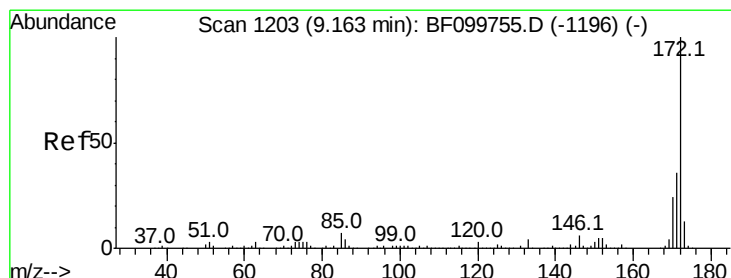
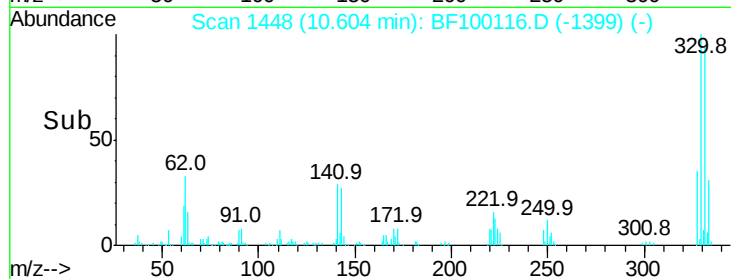
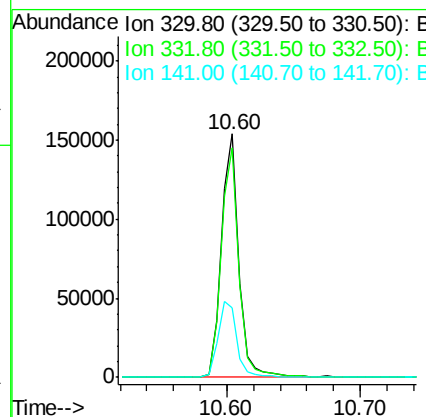
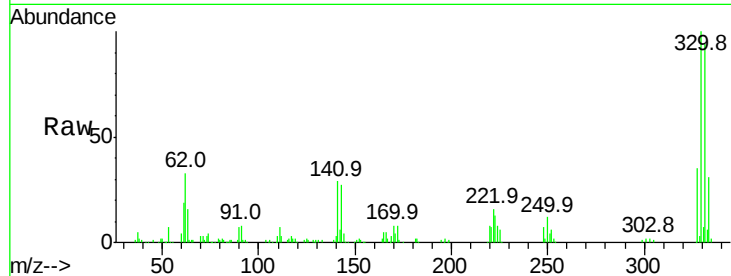




#41
 2,4,6-Tribromophenol
 Concen: 94.024 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

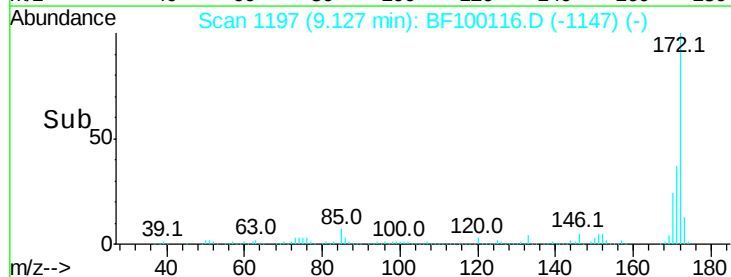
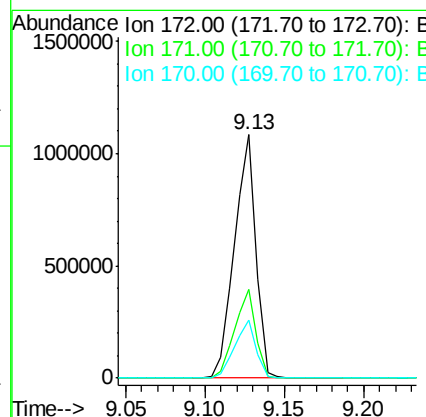
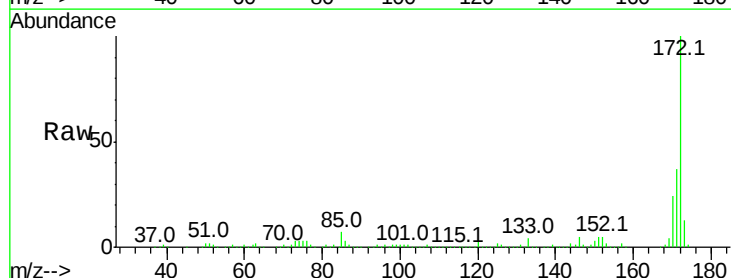
Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-B

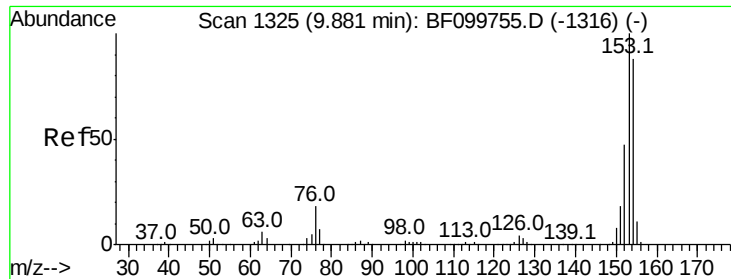
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.669 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100116.D
 Acq: 3 Nov 2017 6:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	19.6	29.4





#51

Acenaphthene

Concen: 6.828 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

Instrument :

BNA_F

ClientSampleId :

103117-TIDO-E-D-B

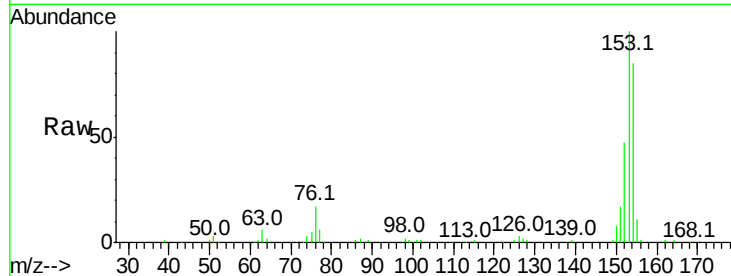
Tot Ion:154 Resp: 70108

Ion Ratio Lower Upper

154 100

153 118.2 91.2 136.8

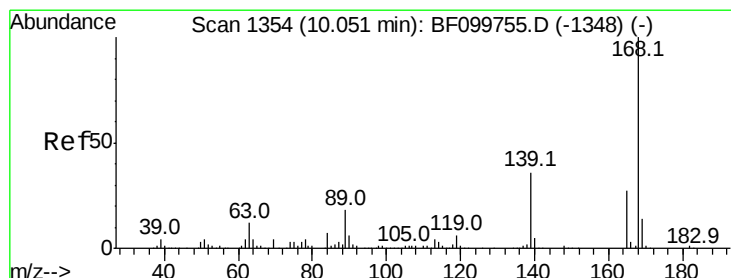
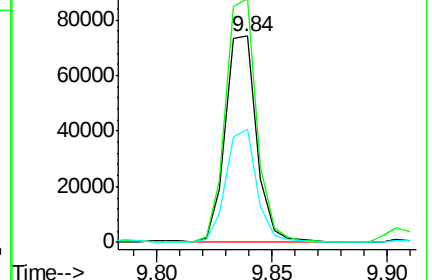
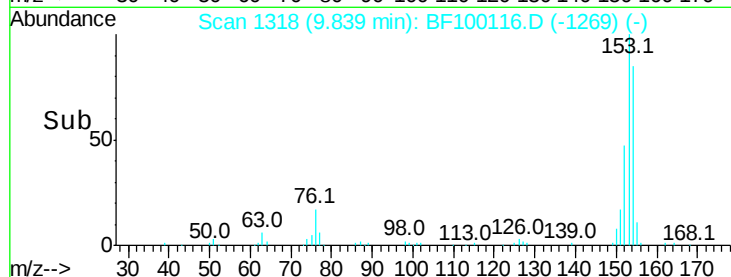
152 55.0 43.8 65.8



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: 4.841 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

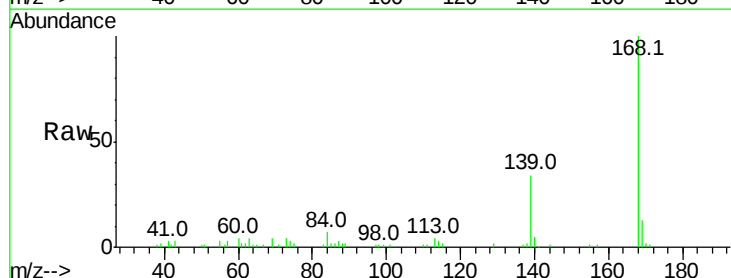
Tgt Ion:168 Resp: 70165

Ion Ratio Lower Upper

168 100

139 33.7 30.1 45.1

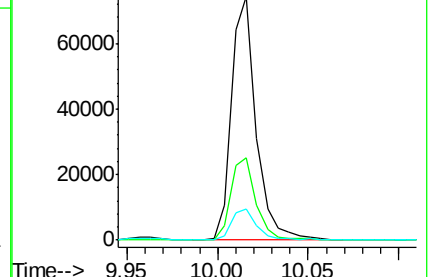
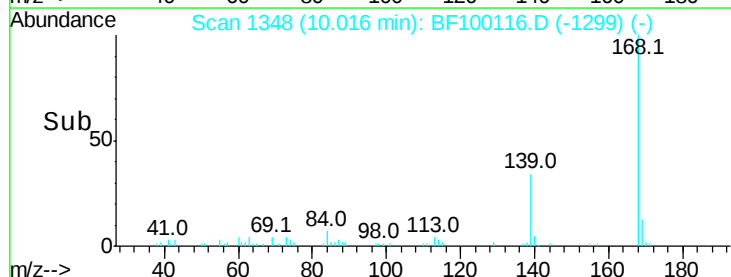
169 12.6 10.9 16.3

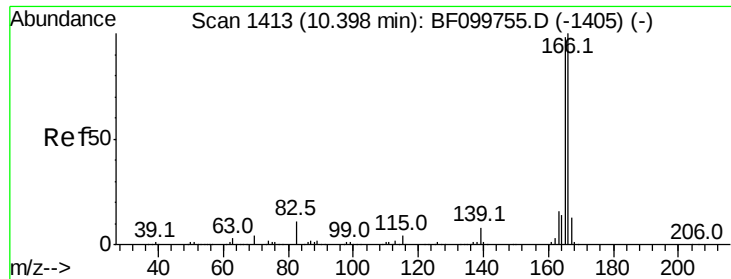


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 4.943 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

Instrument :

BNA_F

ClientSampleId :

103117-TIDO-E-D-B

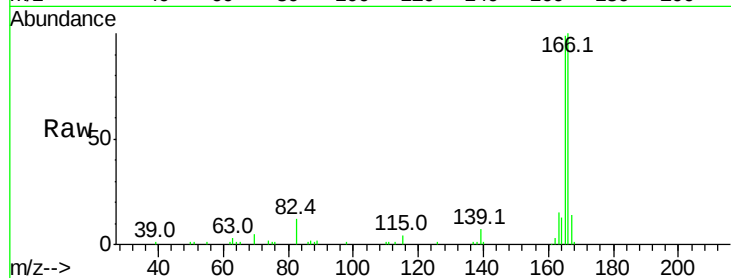
Tot Ion:166 Resp: 59309

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

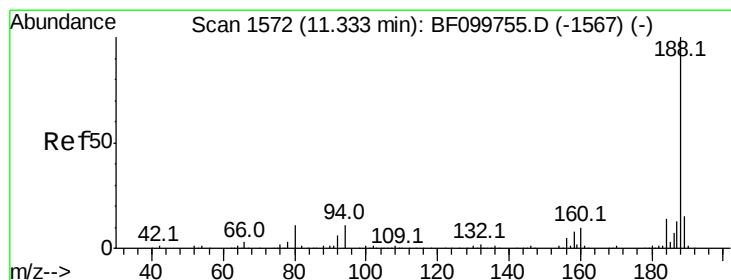
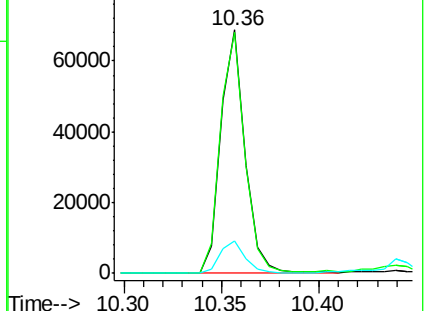
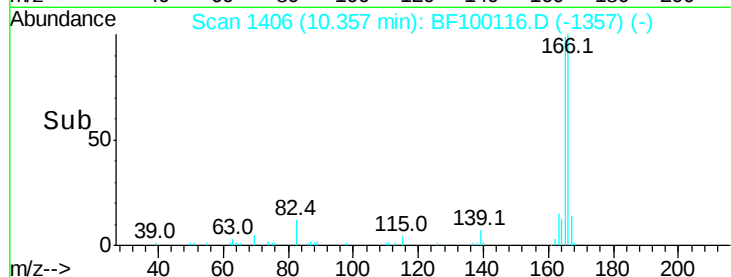
167 13.5 10.6 16.0



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

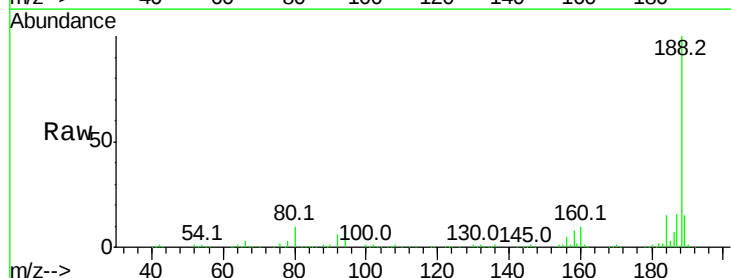
Tgt Ion:188 Resp: 284252

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

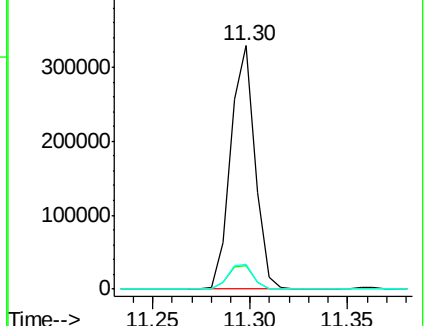
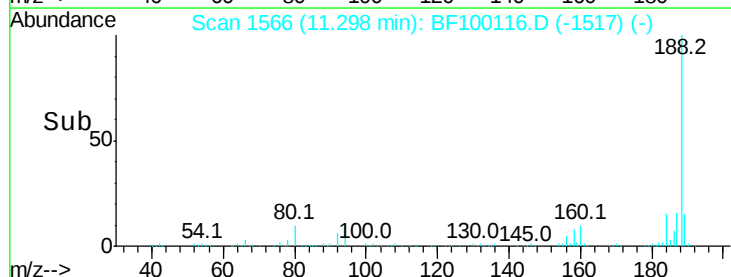
80 10.0 9.2 13.8

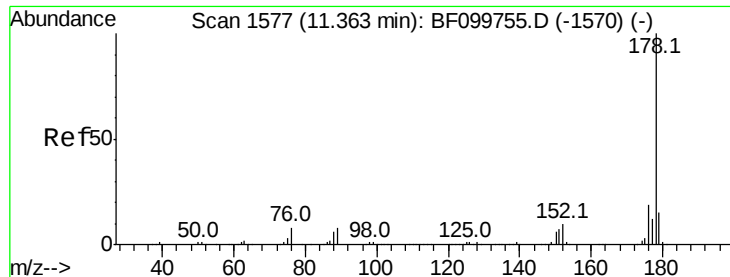


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

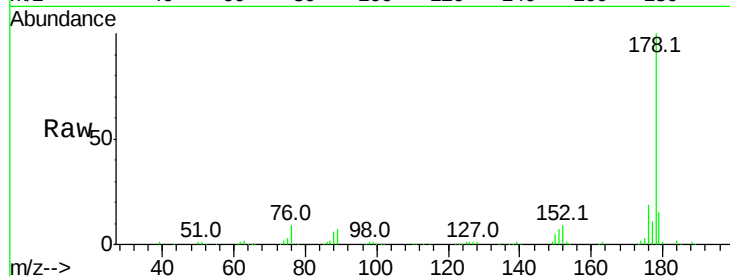




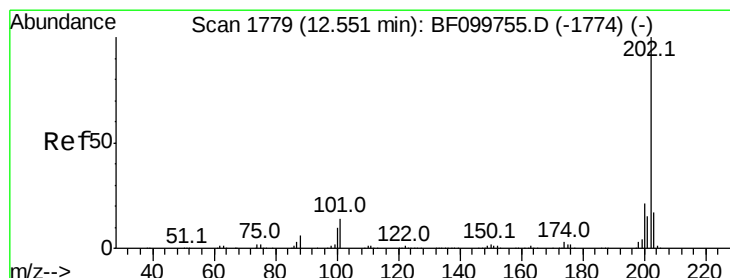
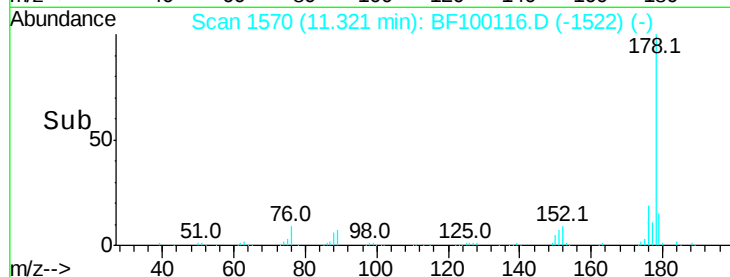
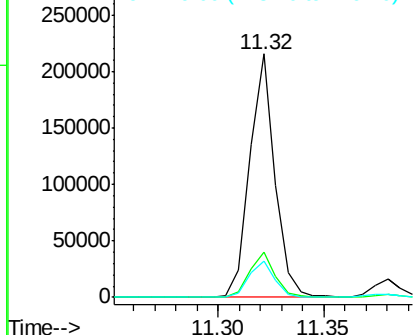
#70
Phenanthrene
Concen: 11.130 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-B

Tot Ion:178 Resp: 178543
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 14.8 13.0 19.6

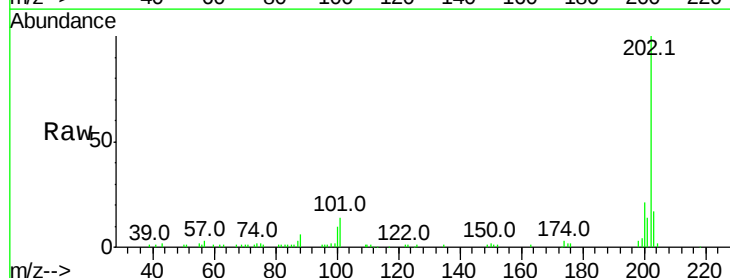


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

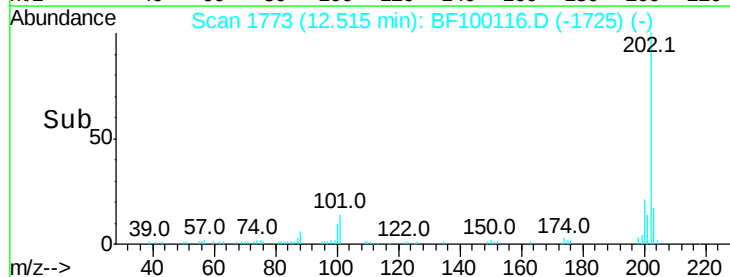
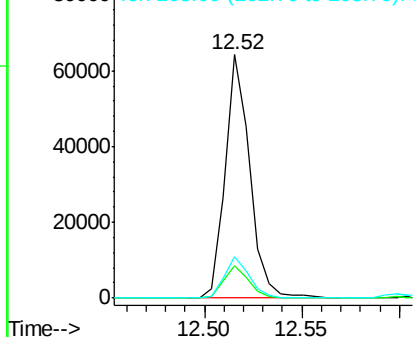


#74
Fluoranthene
Concen: 3.352 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:202 Resp: 55882
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

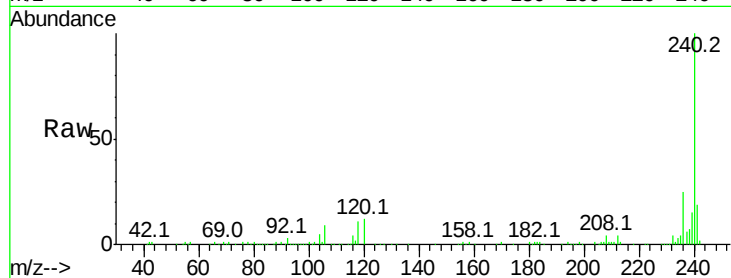




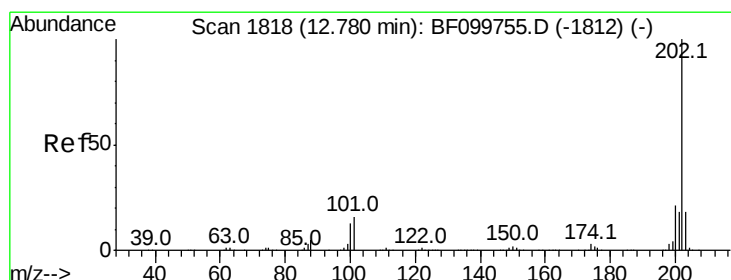
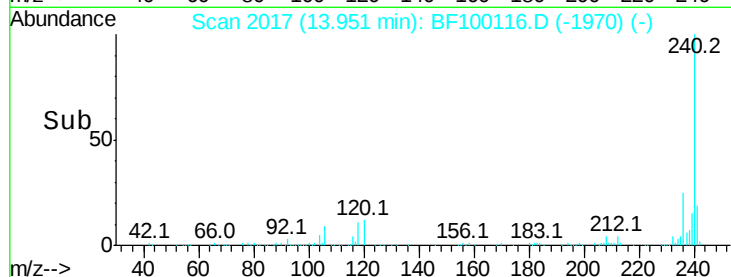
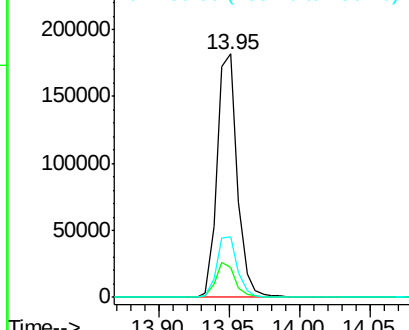
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-B

Tot Ion:240 Resp: 179719
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.0 20.7 31.1

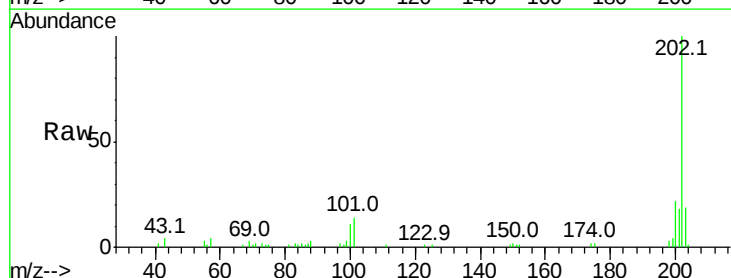


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

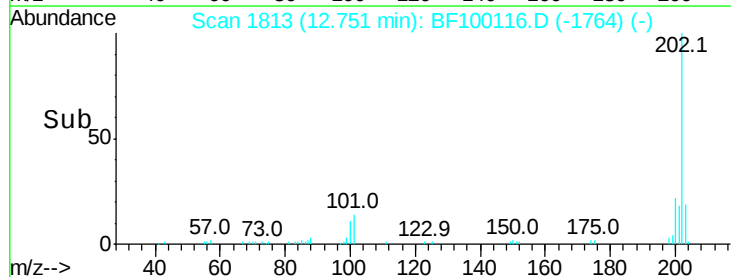
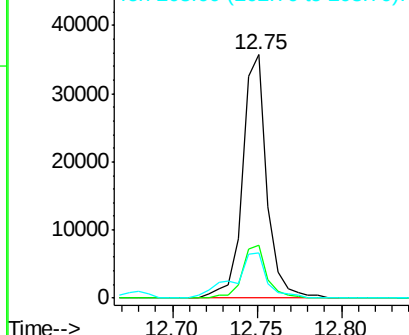


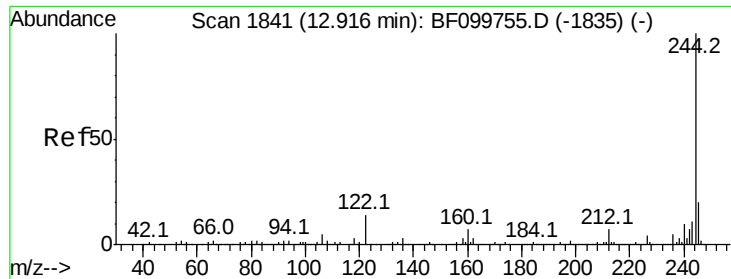
#77
Pyrene
Concen: 2.613 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100116.D
Acq: 3 Nov 2017 6:21

Tgt Ion:202 Resp: 35703
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 108.694 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

Instrument :

BNA_F

ClientSampleId :

103117-TIDO-E-D-B

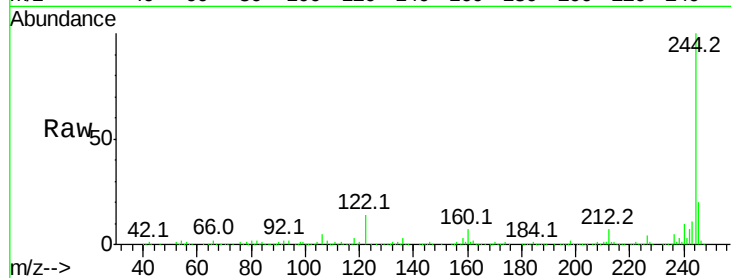
Tot Ion:244 Resp: 893870

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

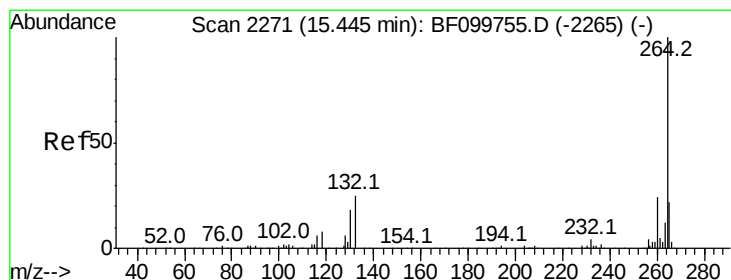
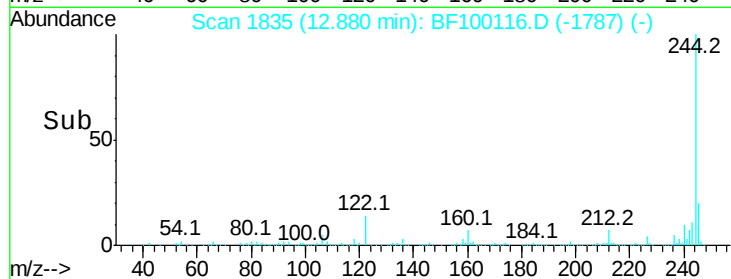
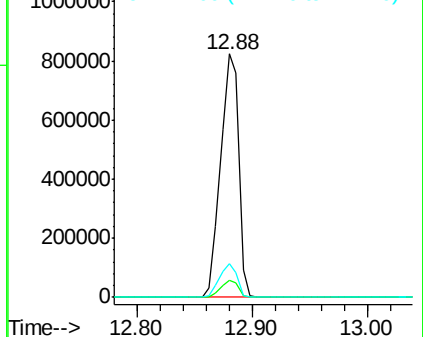
122 13.6 11.0 16.4



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. -0.05 min

Lab File: BF100116.D

Acq: 3 Nov 2017 6:21

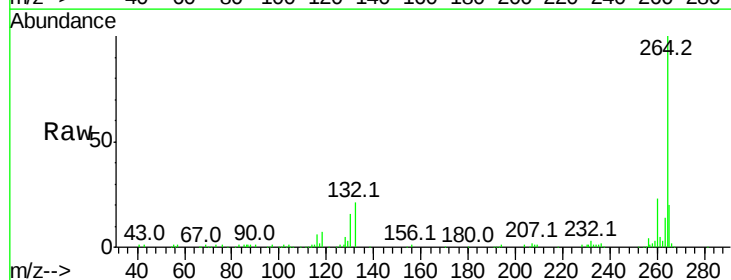
Tgt Ion:264 Resp: 151191

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 19.8 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

