

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100145.D
 Acq On : 3 Nov 2017 20:04
 Operator : SJ/JU
 Sample : I6081-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 23:14:29 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	6.77	152	98562	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	415539	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	181946	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	288960	20.00	ng	0.00
75) Chrysene-d12	13.95	240	147045	20.00	ng	0.00
86) Perylene-d12	15.41	264	156993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	554238	88.28	ng	0.00
7) Phenol-d6	6.42	99	678938	91.21	ng	-0.01
23) Nitrobenzene-d5	7.34	82	386135	59.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	131171	79.11	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	601219	50.98	ng	0.00
78) Terphenyl-d14	12.88	244	418295	62.17	ng	0.00

Target Compounds

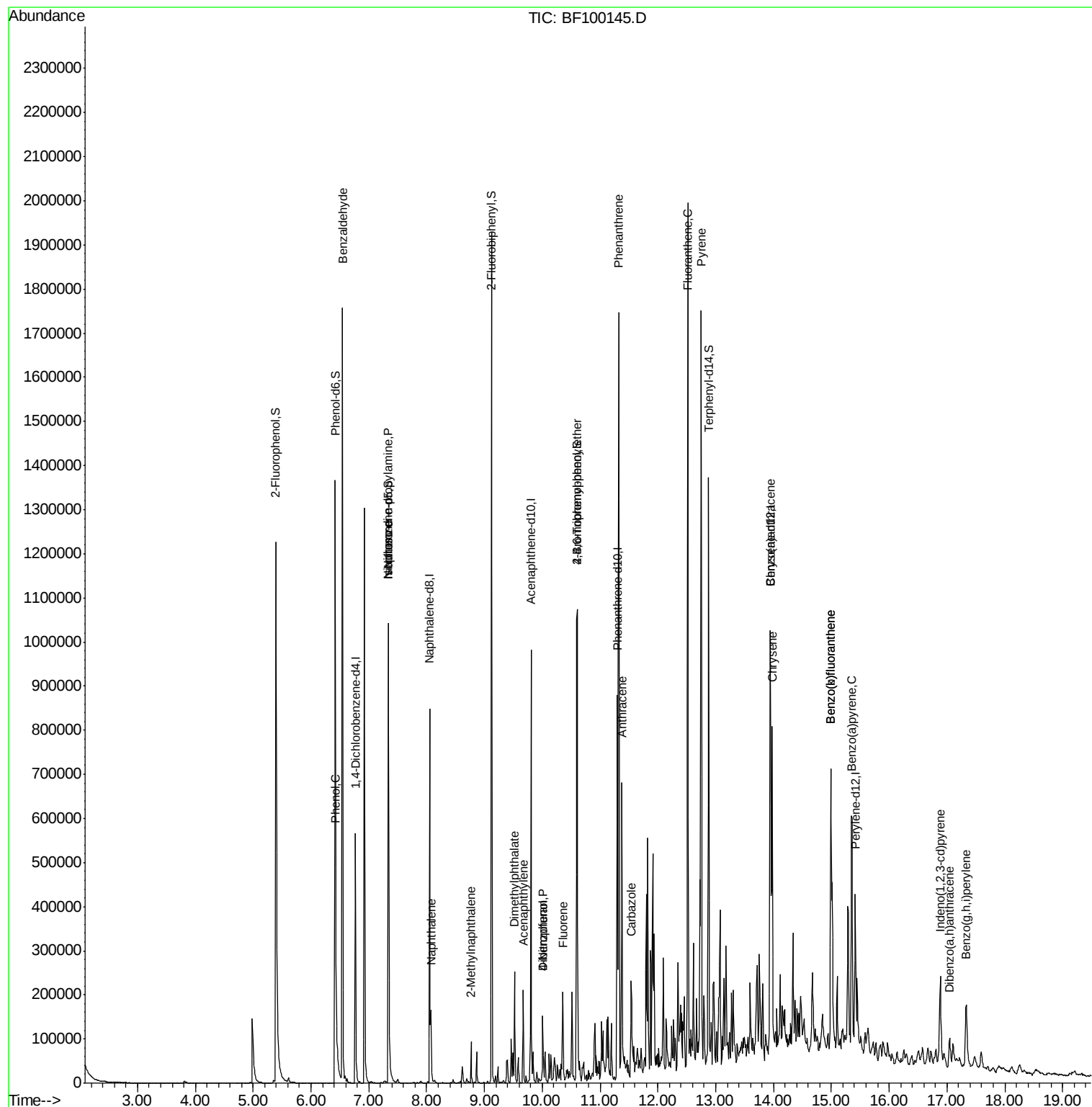
						Qvalue
9) Benzaldehyde	6.55	77	9951	2.237	ng	93
10) Phenol	6.43	94	44673	5.466	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	47813	10.960	ng	# 73
25) Isophorone	7.34	82	386135	32.969	ng	# 64
31) Naphthalene	8.07	128	90542	4.514	ng	99
37) 2-Methylnaphthalene	8.77	142	28753	2.139	ng	97
48) Acenaphthylene	9.67	152	82404	4.476	ng	98
49) Dimethylphthalate	9.52	163	102629	7.123	ng	99
54) Dibenzofuran	10.02	168	57384	3.614	ng	98
55) 4-Nitrophenol	10.02	139	20820	11.164	ng	# 10
57) Fluorene	10.36	166	61103	4.647	ng	96
66) 4-Bromophenyl-phenylether	10.60	248	8636	2.839	ng	# 1
70) Phenanthrene	11.32	178	667053	40.905	ng	98
71) Anthracene	11.37	178	253183	15.295	ng	98
72) Carbazole	11.54	167	56358	3.621	ng	99
74) Fluoranthene	12.52	202	808432	47.703	ng	97
77) Pyrene	12.75	202	673338	60.221	ng	99
80) Benzo(a)anthracene	13.94	228	339442	36.414	ng	98
82) Chrysene	13.98	228	273343	31.191	ng	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	130064	16.167	ng	95
87) Benzo(b)fluoranthene	14.99	252	441991	44.585	ng	# 95
88) Benzo(k)fluoranthene	14.99	252	441991	47.282	ng	98
89) Benzo(a)pyrene	15.35	252	253300	28.445	ng	# 94
90) Dibenz(a,h)anthracene	17.04	278	36860	4.658	ng	95
91) Benzo(g,h,i)perylene	17.33	276	104323	13.476	ng	94

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

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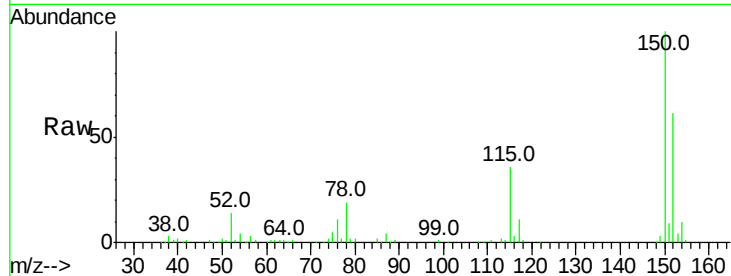


#1

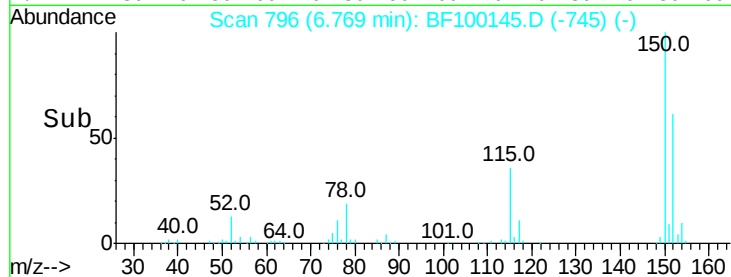
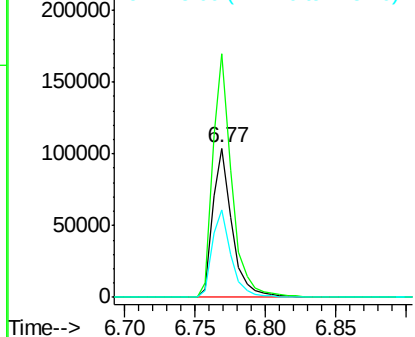
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98562
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 58.5 50.1 75.1



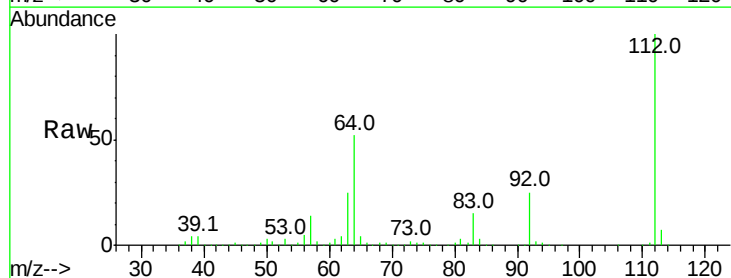
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



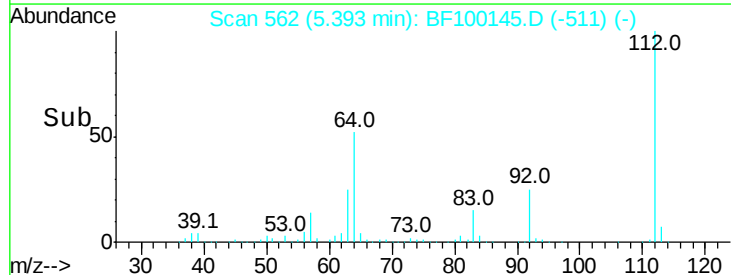
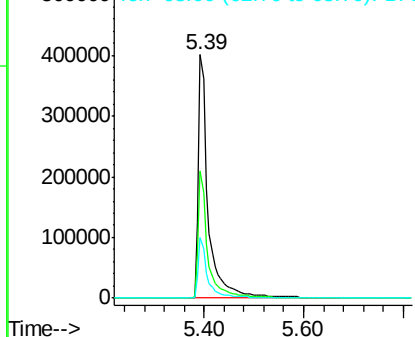
#5

2-Fluorophenol
Concen: 88.283 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Tgt Ion:112 Resp: 554238
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.7 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: 91.207 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

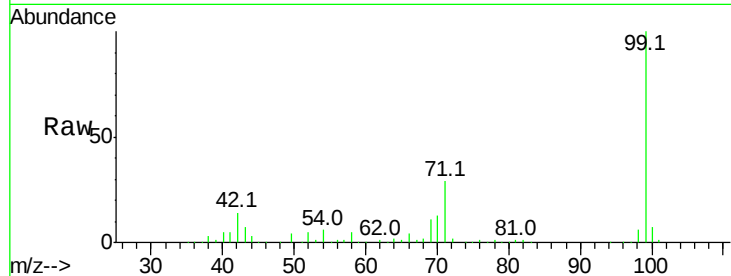
Tot Ion: 99 Resp: 678938

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

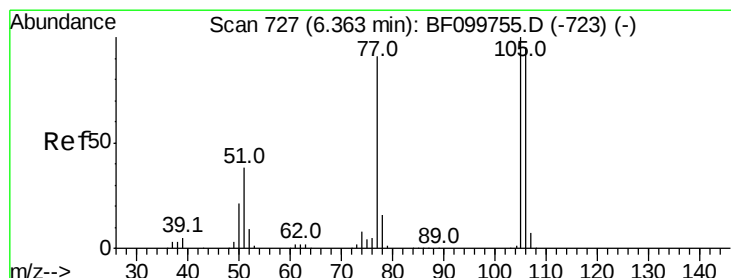
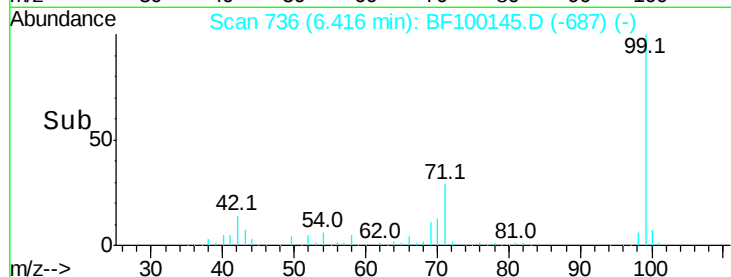
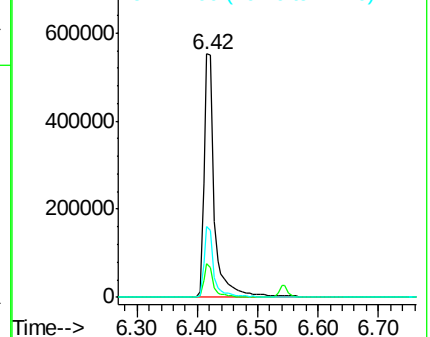
71 29.0 25.4 38.0



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: 2.237 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

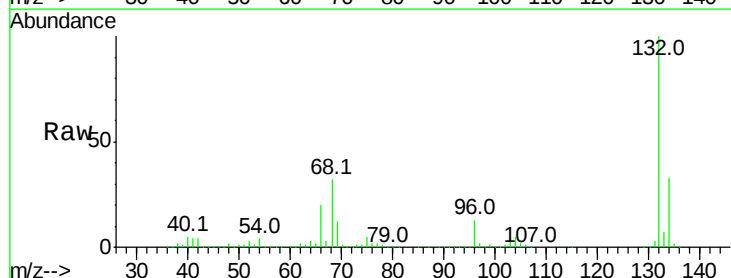
Tgt Ion: 77 Resp: 9951

Ion Ratio Lower Upper

77 100

105 93.9 81.1 121.1

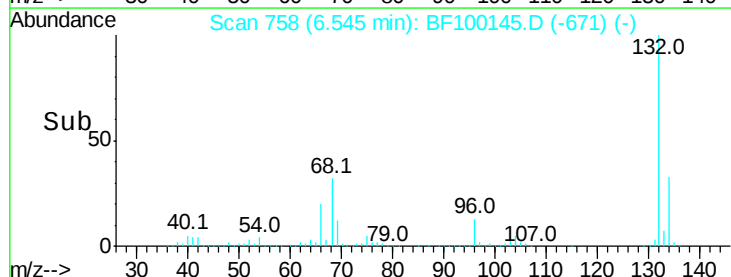
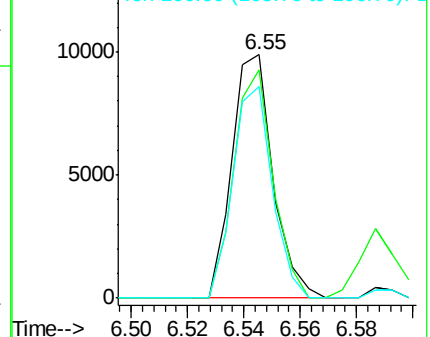
106 87.0 74.5 114.5

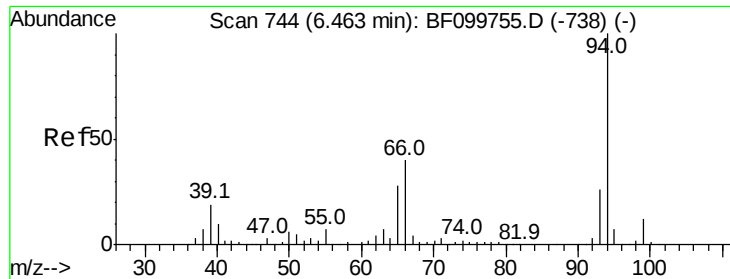


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.466 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

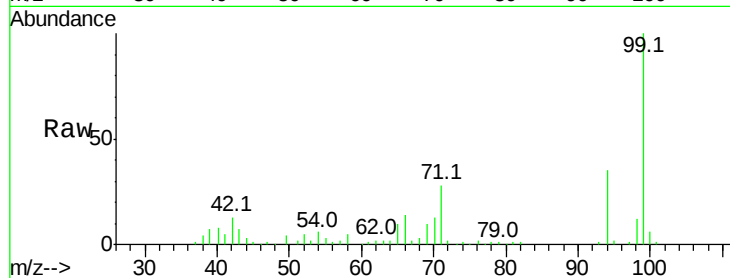
Instrument :

BNA_F

ClientSampled :

Tot Ion: 94 Resp: 44673

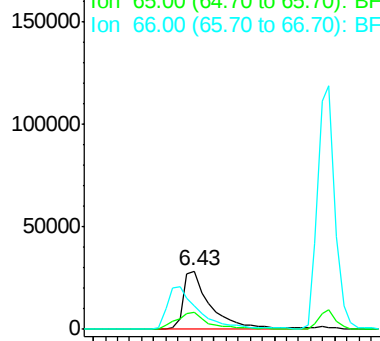
Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	40.8	16.2	56.2



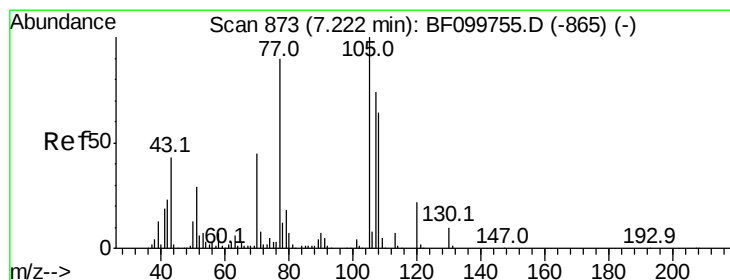
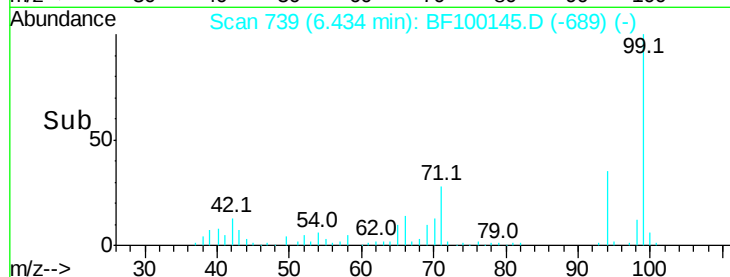
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time--> 6.35 6.40 6.45 6.50 6.55



#19

n-Nitroso-di-n-propylamine

Concen: 10.960 ng

RT: 7.34 min Scan# 893

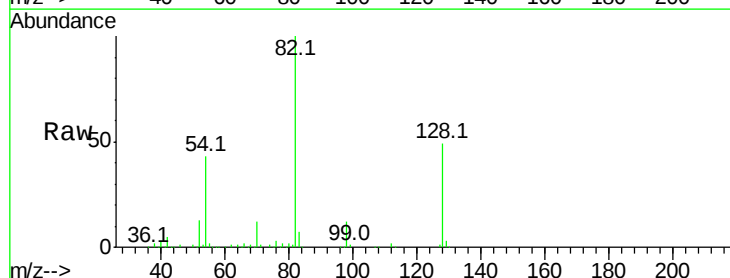
Delta R.T. 0.15 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Tgt Ion: 70 Resp: 47813

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

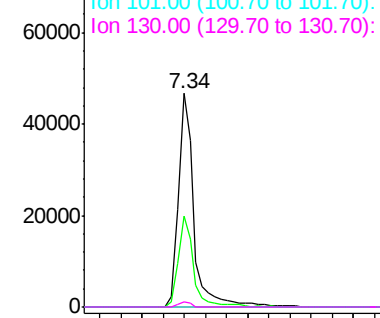


Abundance Ion 70.00 (69.70 to 70.70): BF1

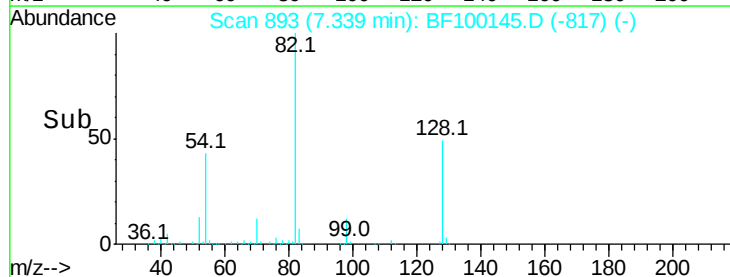
Ion 42.00 (41.70 to 42.70): BF1

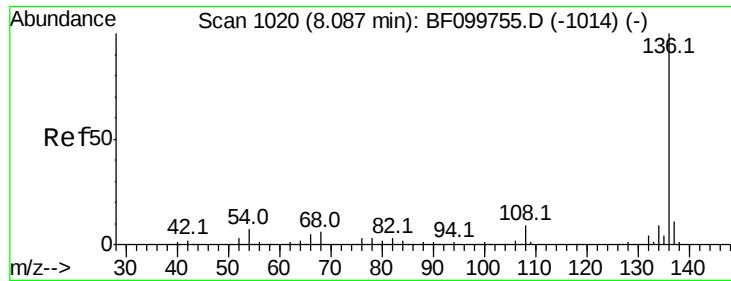
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time--> 7.30 7.40 7.50

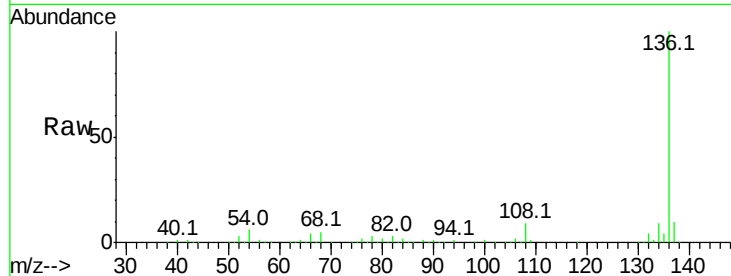




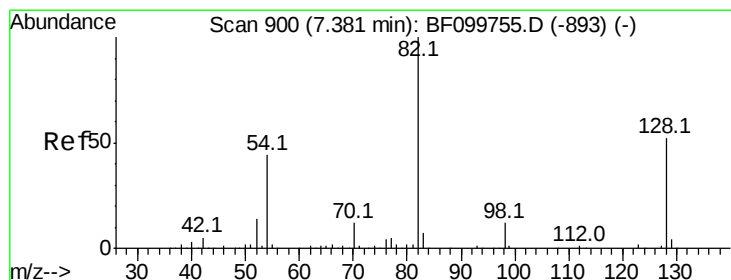
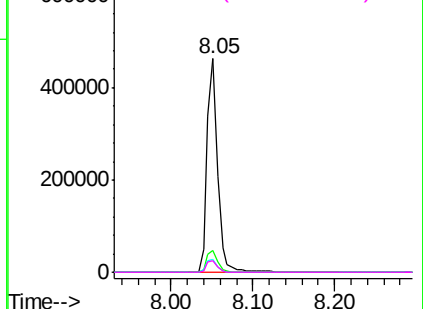
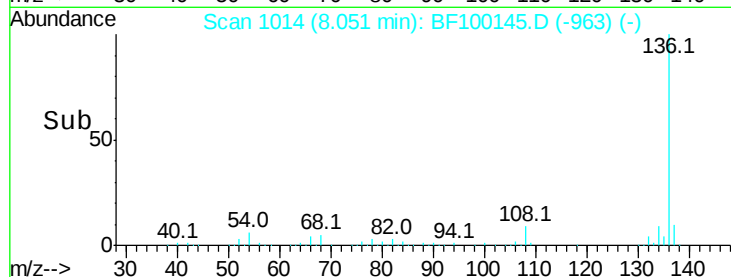
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	415539
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.0	6.6	9.8#
68	5.5	5.0	7.4

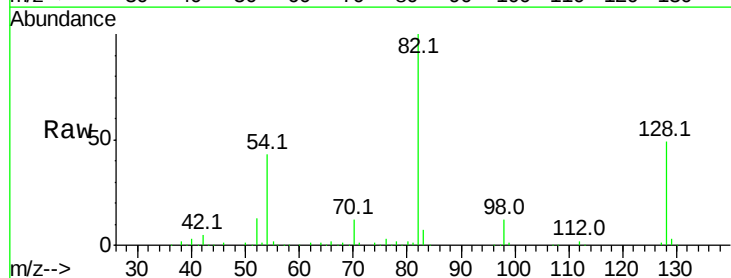


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

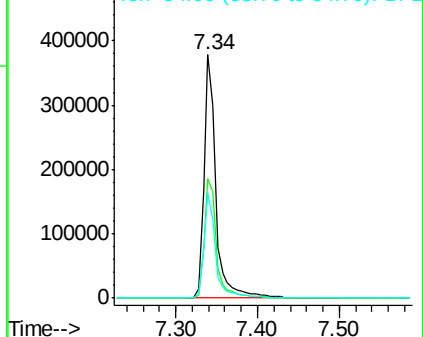
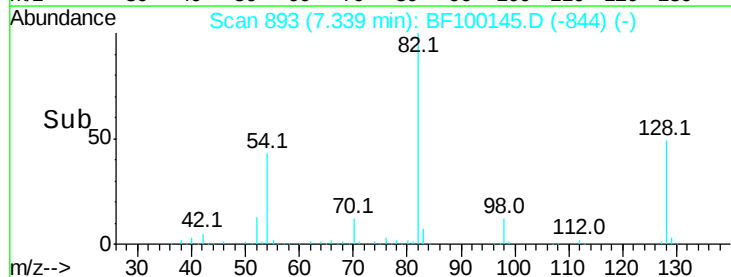


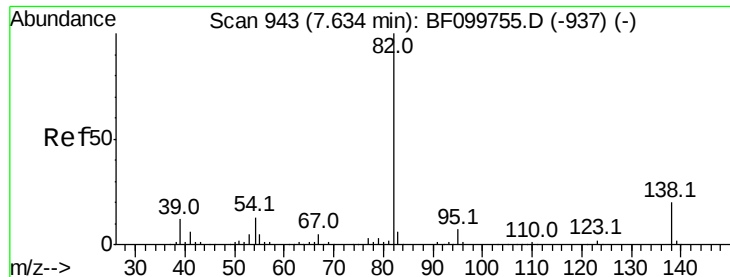
#23
Nitrobenzene-d5
Concen: 59.825 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Tgt Ion:	82	Resp:	386135
Ion	Ratio	Lower	Upper
82	100		
128	49.1	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: 32.969 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

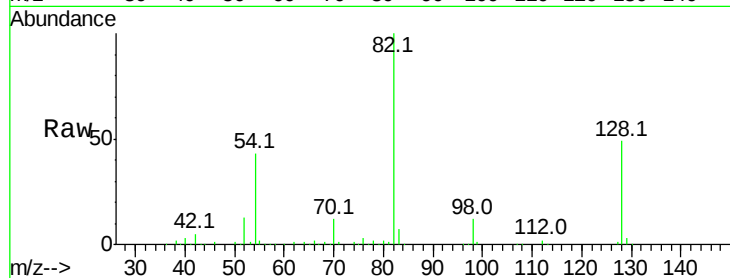
Tot Ion: 82 Resp: 386135

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

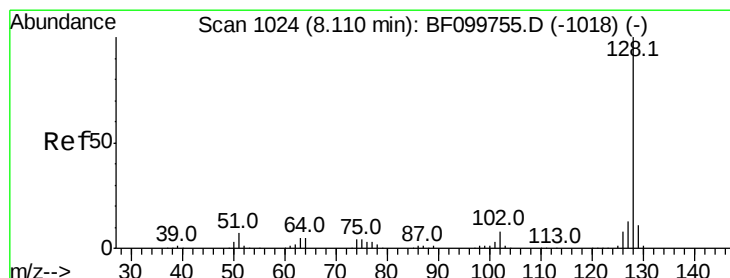
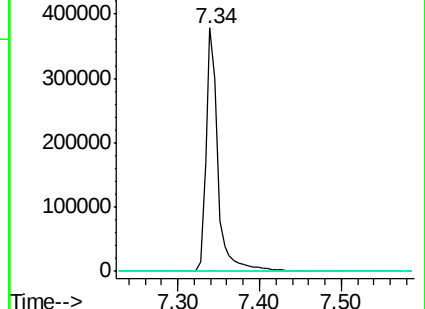
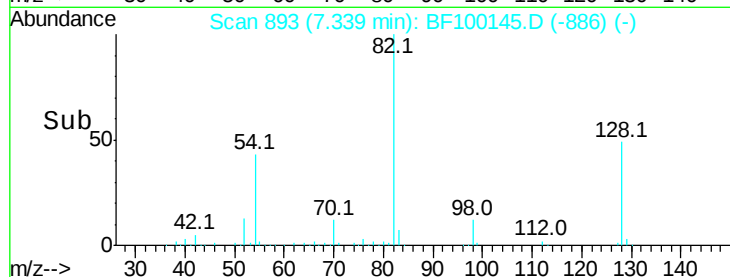
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 4.514 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

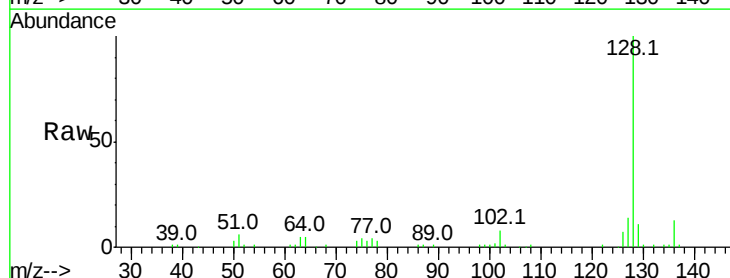
Tgt Ion:128 Resp: 90542

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

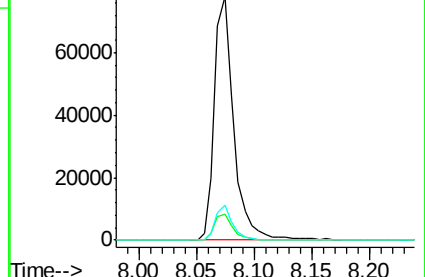
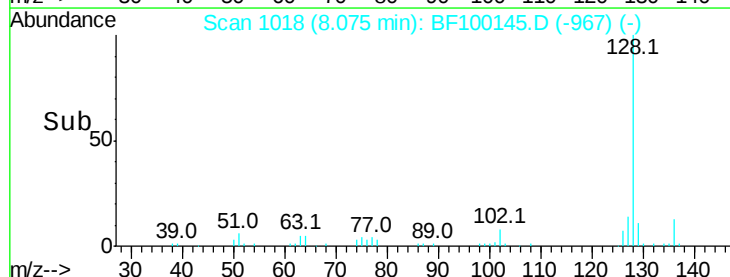
127 14.1 10.9 16.3

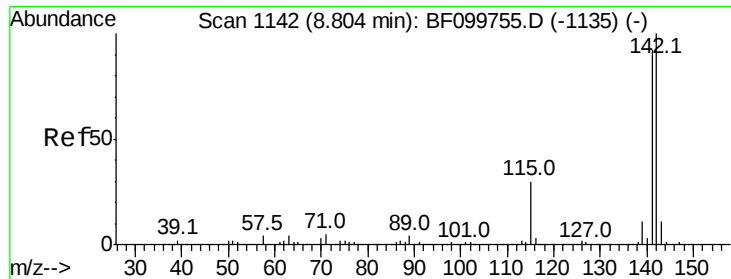


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

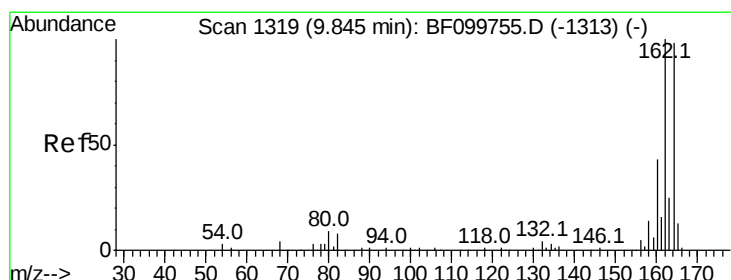
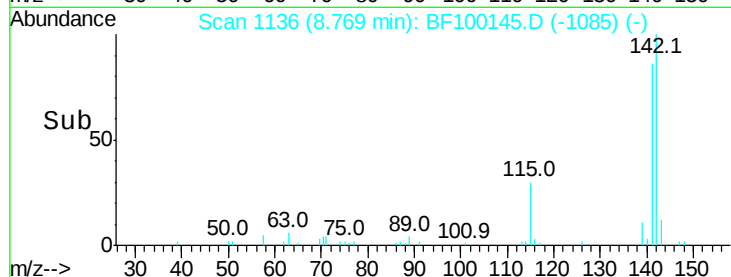
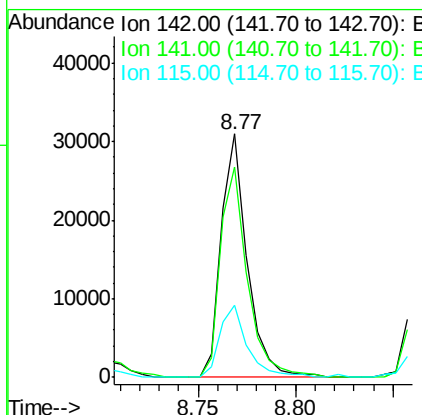
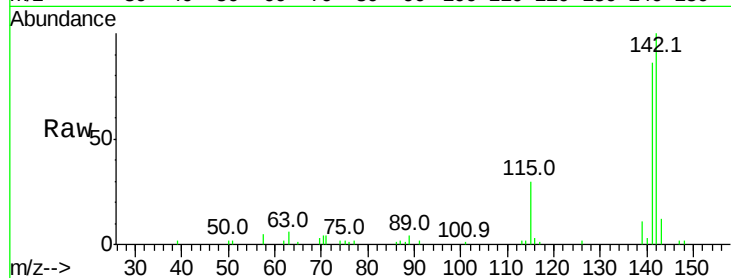




#37
 2-Methylnaphthalene
 Concen: 2.139 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

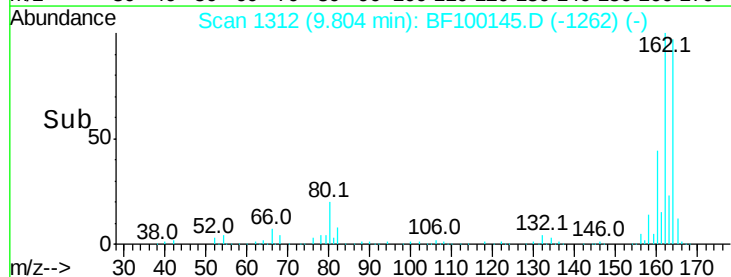
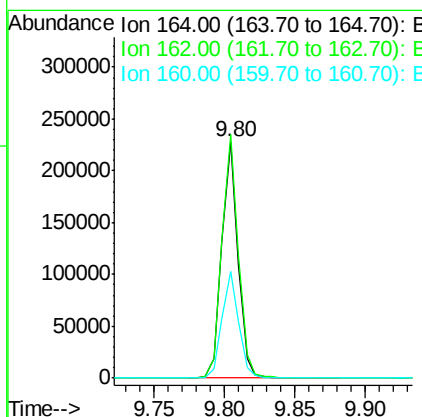
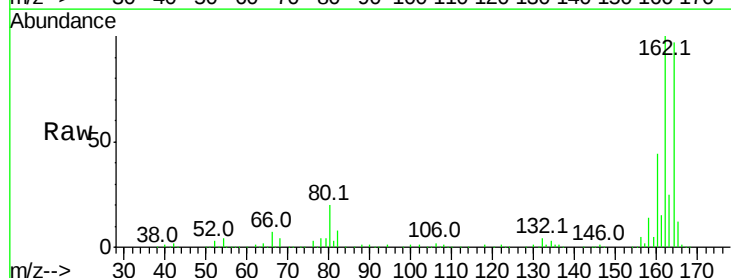
Instrument :
 BNA_F
 ClientSampleId :

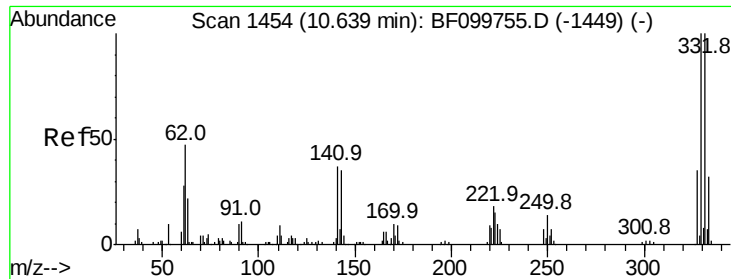
Tot Ion:142 Resp: 28753
 Ion Ratio Lower Upper
 142 100
 141 86.2 70.8 106.2
 115 29.8 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Tgt Ion:164 Resp: 181946
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 45.0 38.3 57.5

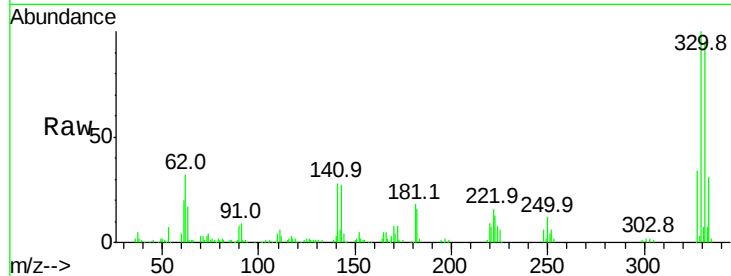




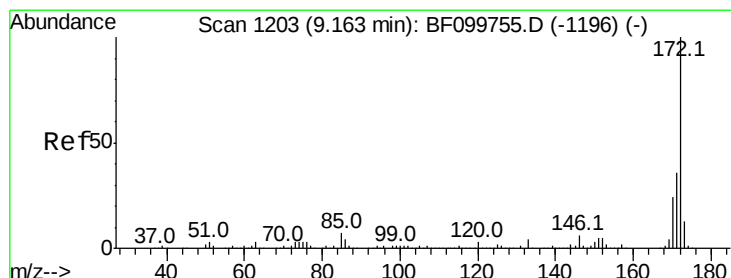
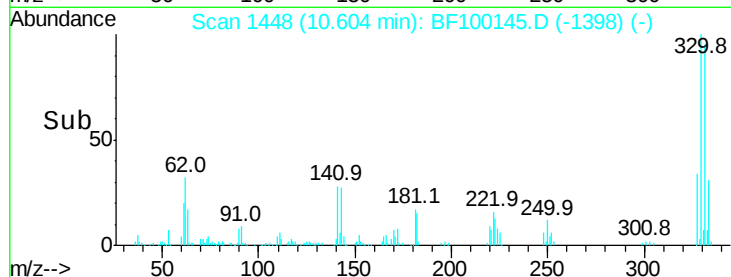
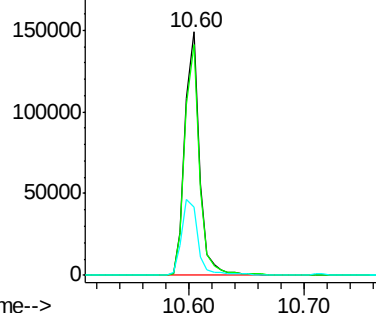
#41
 2,4,6-Tribromophenol
 Concen: 79.109 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 131171
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 35.9 29.9 44.9

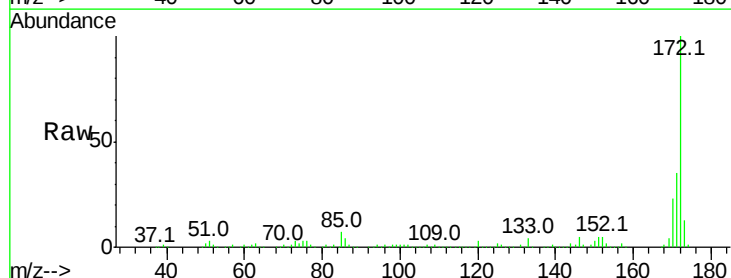


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

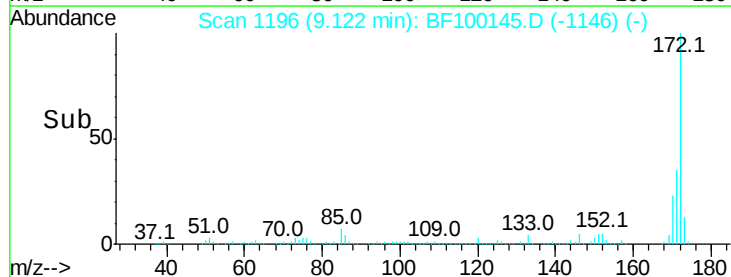
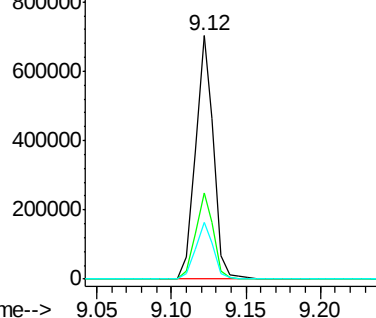


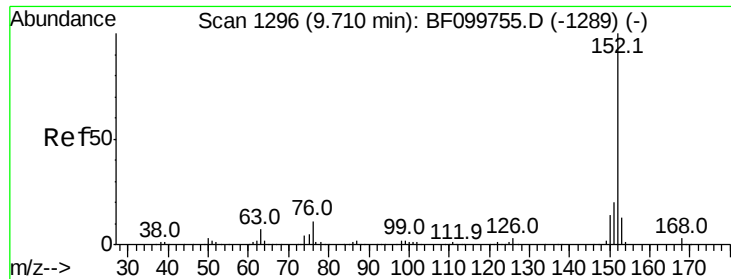
#44
 2-Fluorobiphenyl
 Concen: 50.981 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Tgt Ion:172 Resp: 601219
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.1 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





#48

Acenaphthylene

Concen: 4.476 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

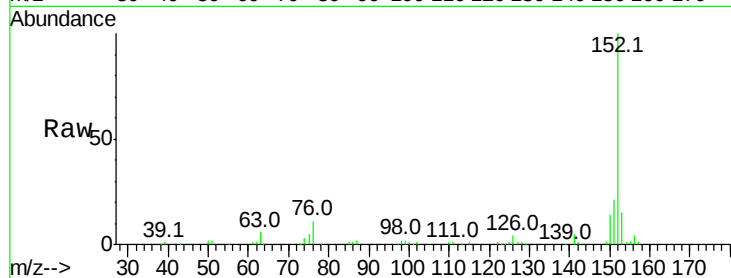
Tot Ion:152 Resp: 82404

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

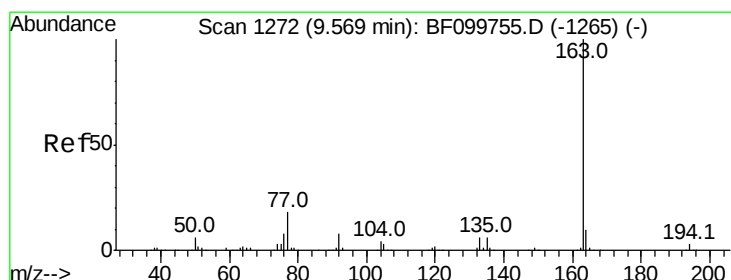
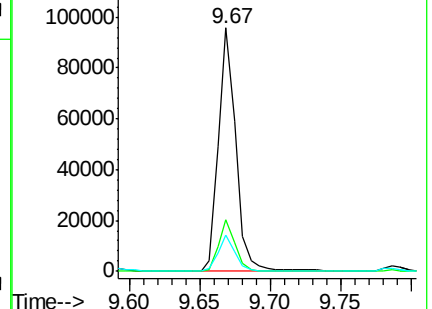
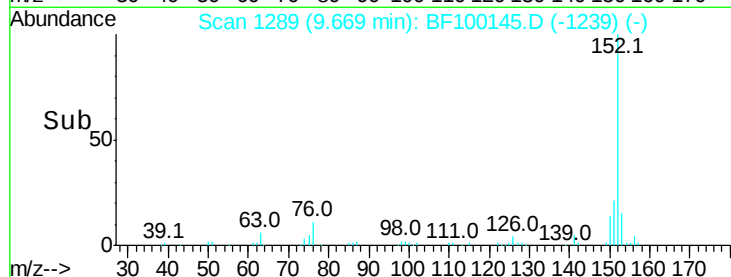
153 14.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 7.123 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

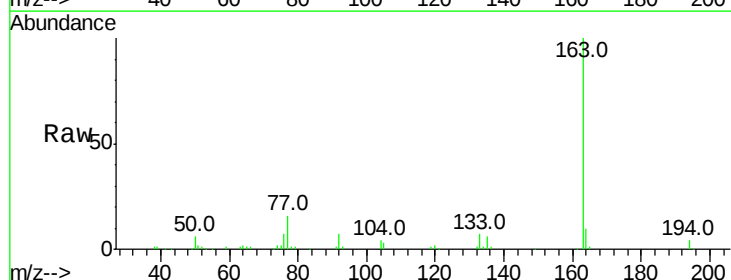
Tgt Ion:163 Resp: 102629

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

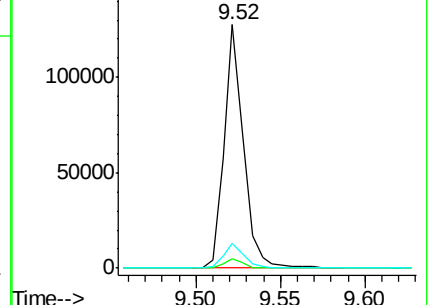
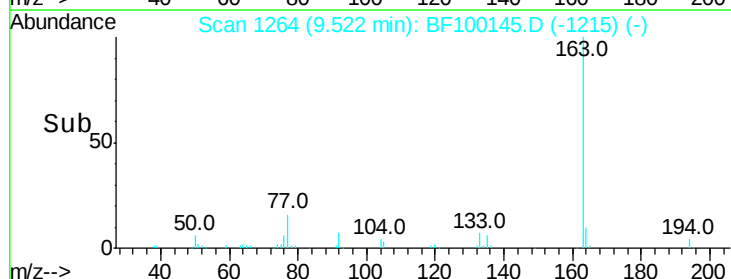
164 10.4 8.2 12.2

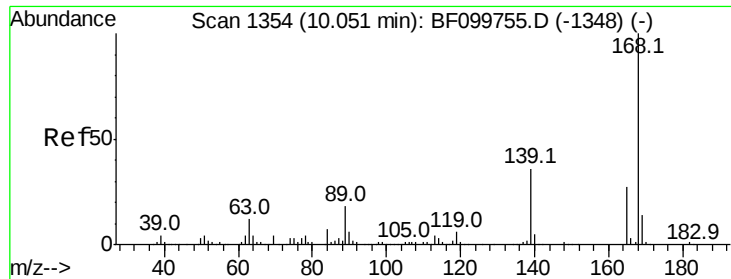


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 3.614 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

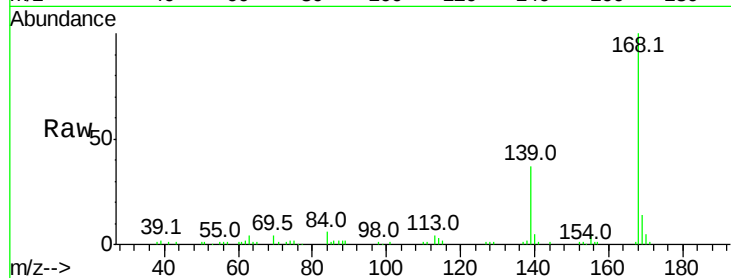
Tot Ion:168 Resp: 57384

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

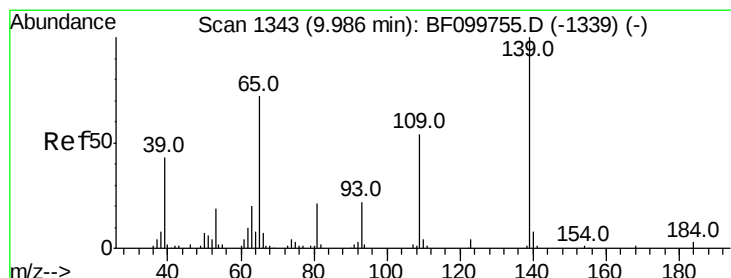
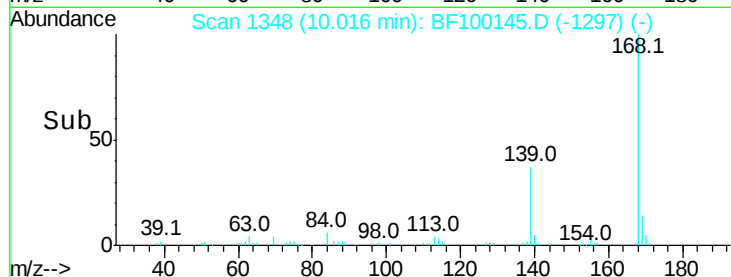
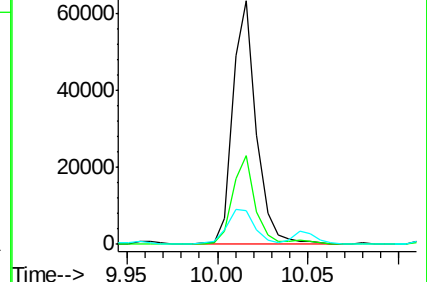
169 14.0 10.9 16.3



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: 11.164 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.04 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

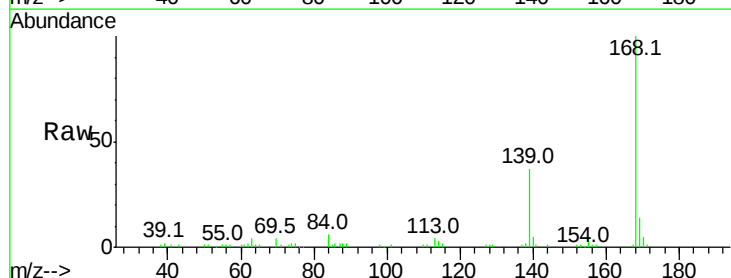
Tgt Ion:139 Resp: 20820

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

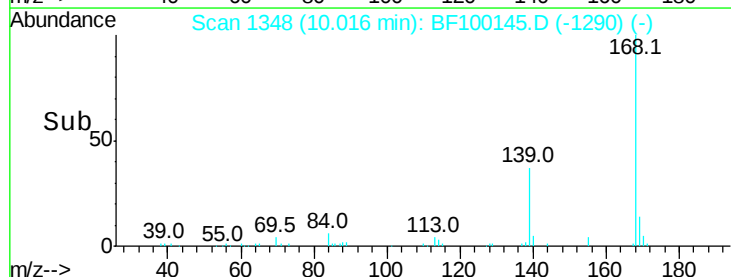
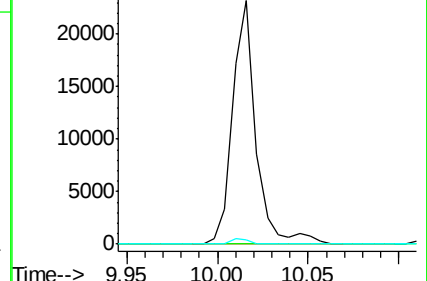
65 1.9 72.6 112.6#

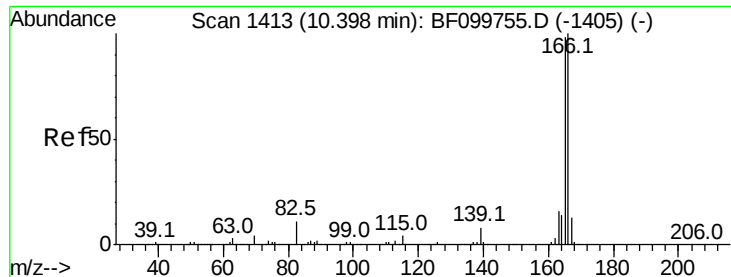


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

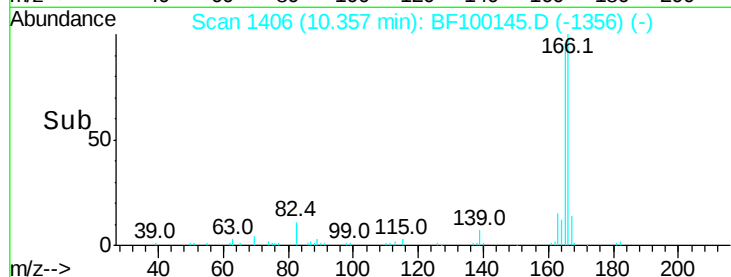
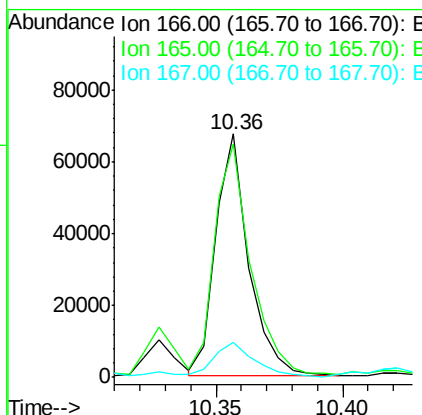
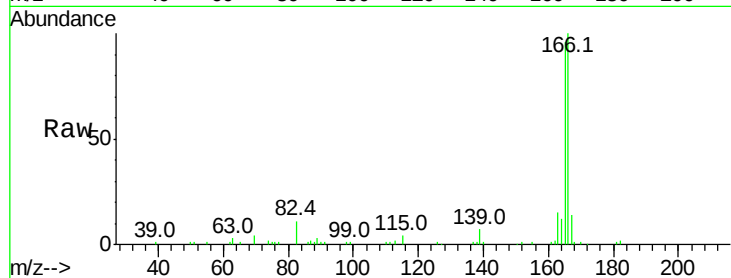




#57
 Fluorene
 Concen: 4.647 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

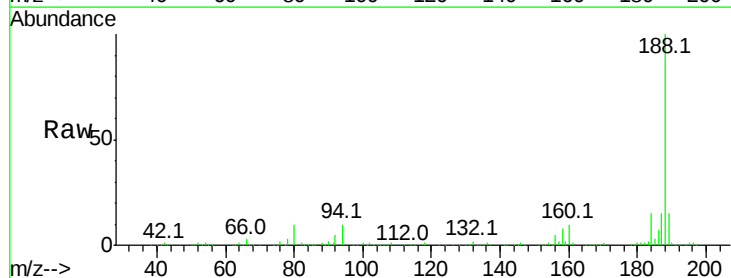
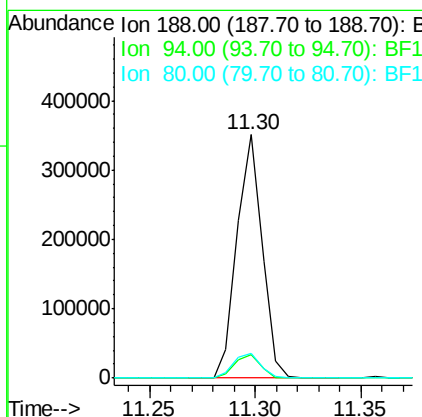
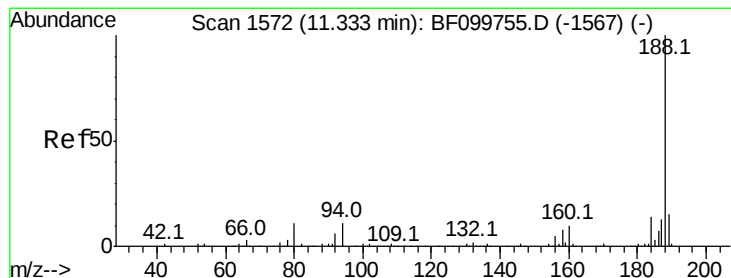
Instrument :
 BNA_F
 ClientSampleId :

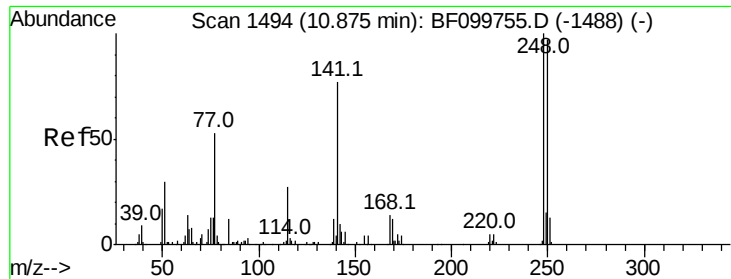
Tot Ion:166 Resp: 61103
 Ion Ratio Lower Upper
 166 100
 165 95.7 79.8 119.8
 167 14.4 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Tgt Ion:188 Resp: 288960
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.0 9.2 13.8

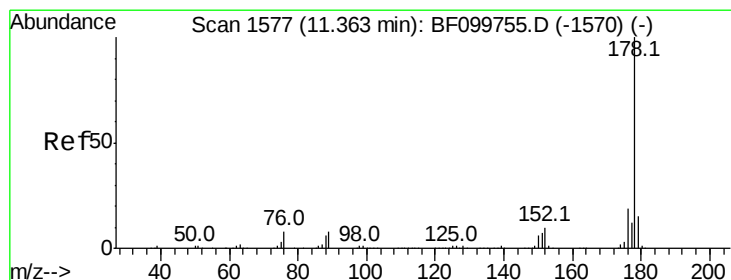
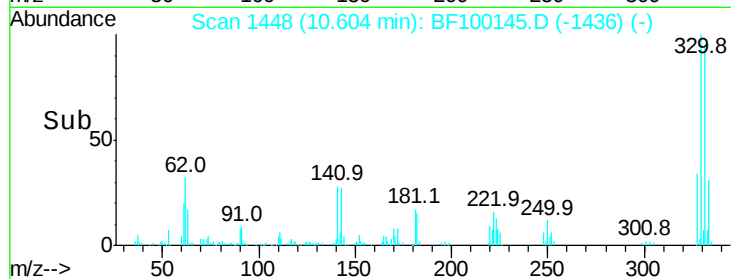
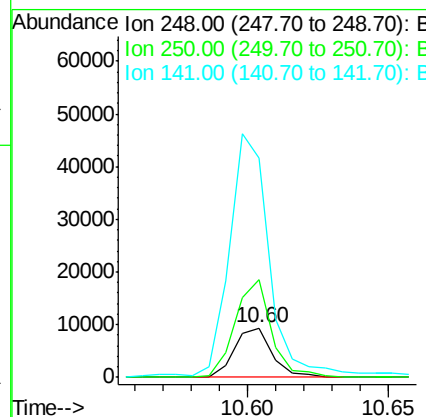
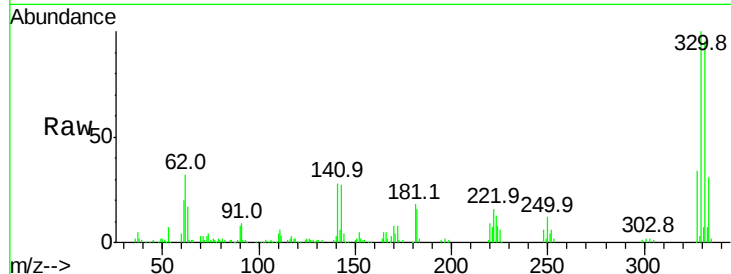




#66
 4-Bromophenyl-phenylether
 Concen: 2.839 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.23 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

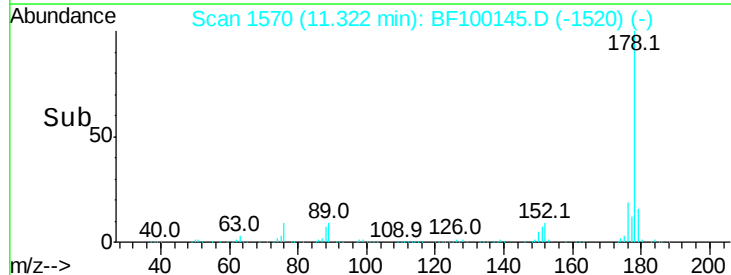
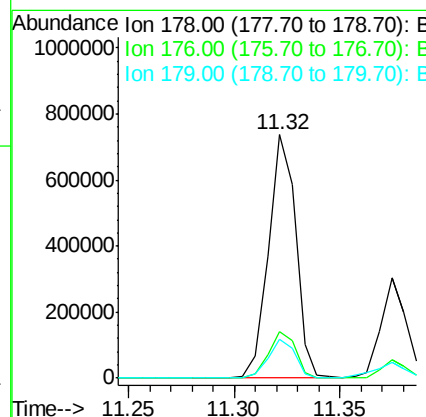
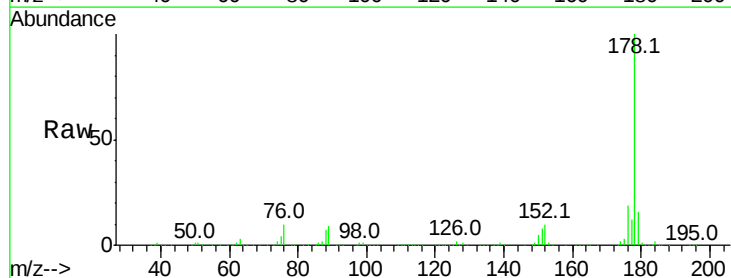
Instrument :
 BNA_F
 ClientSampleId :

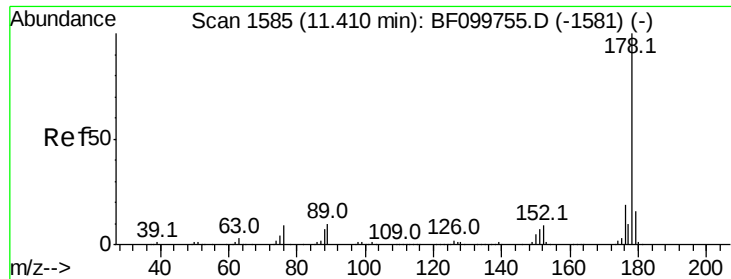
Tot Ion:248 Resp: 8636
 Ion Ratio Lower Upper
 248 100
 250 197.8 76.9 115.3#
 141 444.7 74.4 111.6#



#70
 Phenanthrene
 Concen: 40.905 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Tgt Ion:178 Resp: 667053
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.7 13.0 19.6

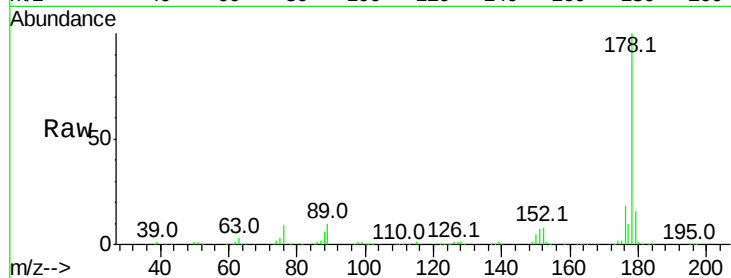




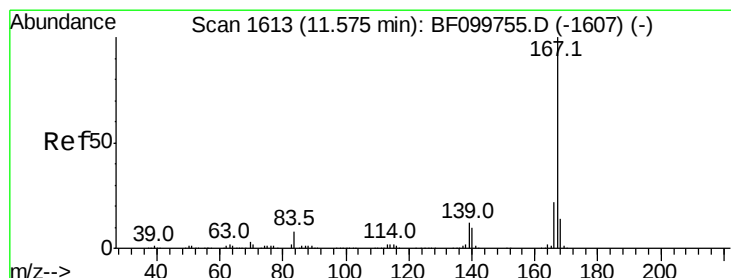
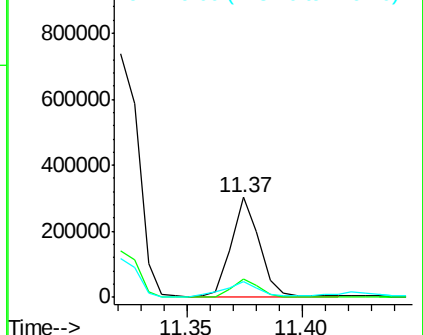
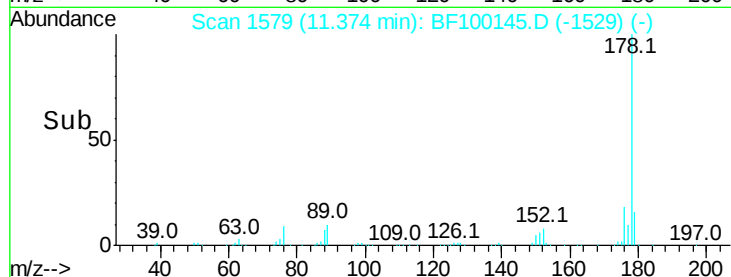
#71
 Anthracene
 Concen: 15.295 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 253183
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 16.2 12.6 19.0

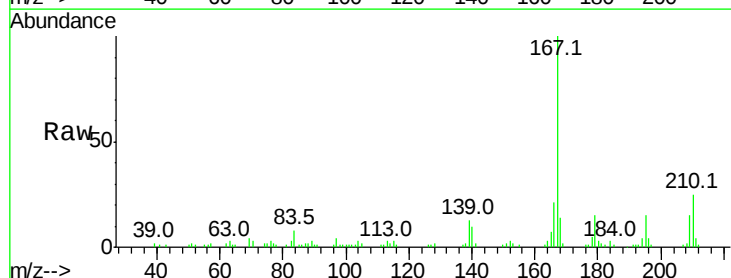


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

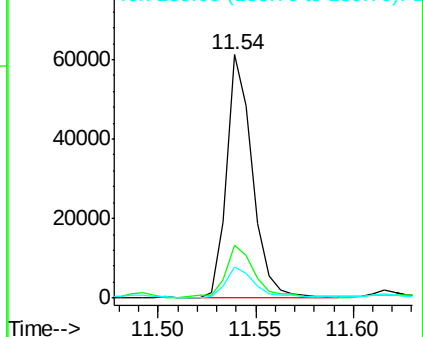
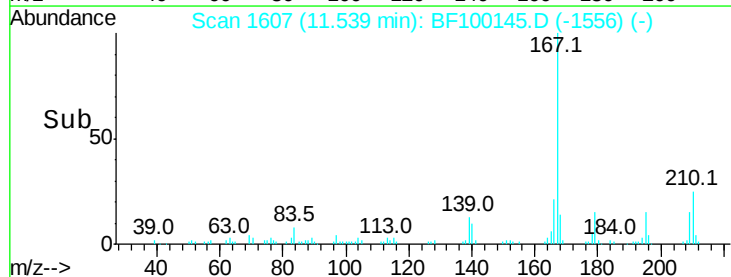


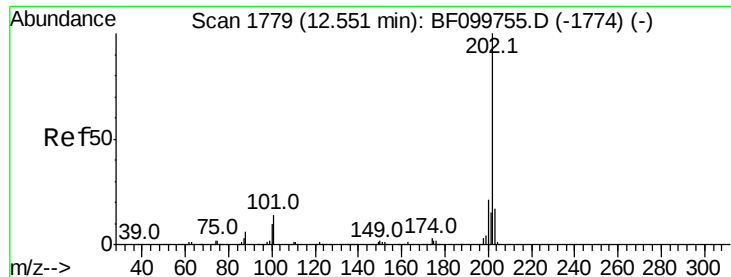
#72
 Carbazole
 Concen: 3.621 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF100145.D
 Acq: 3 Nov 2017 20:04

Tgt Ion:167 Resp: 56358
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 47.703 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampled :

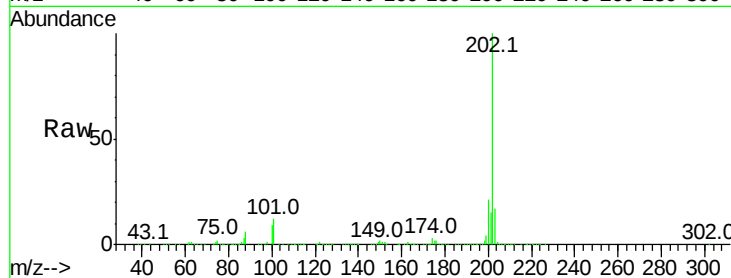
Tot Ion:202 Resp: 808432

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

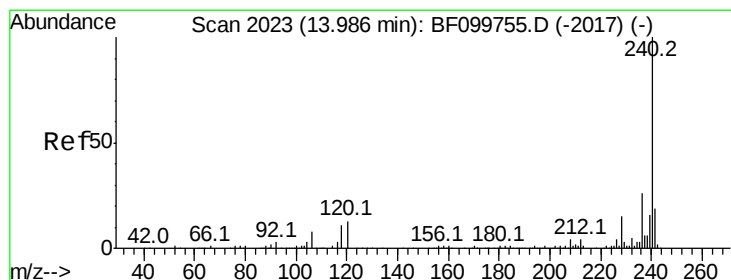
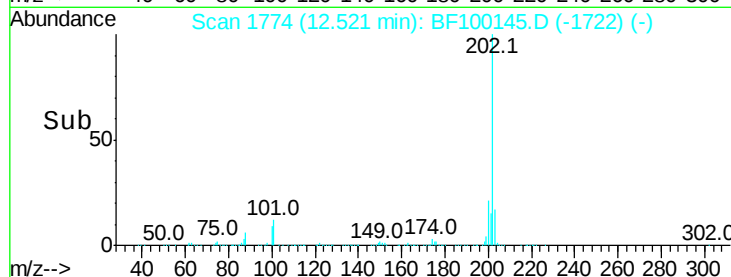
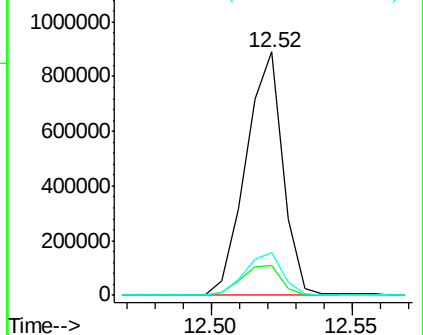
203 17.3 0.0 38.1



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. 0.00 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

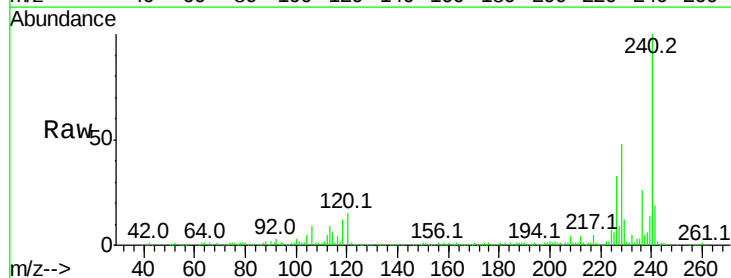
Tgt Ion:240 Resp: 147045

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

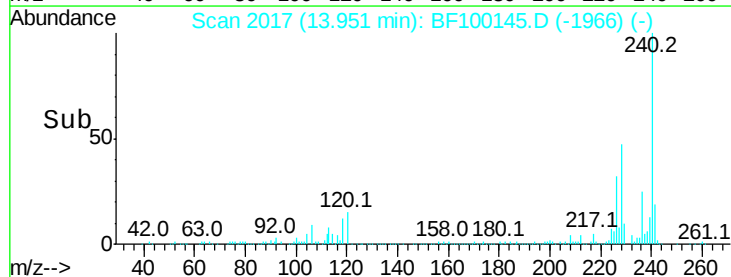
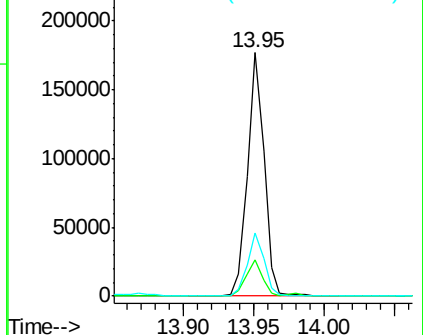
236 25.7 20.7 31.1

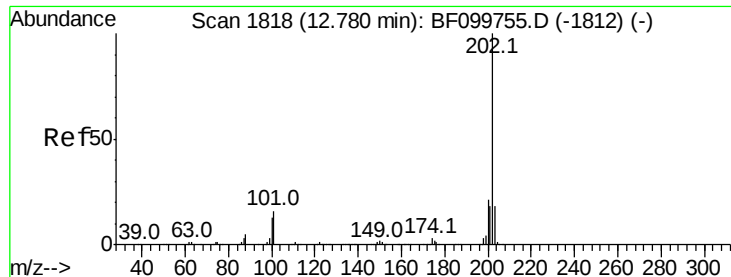


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

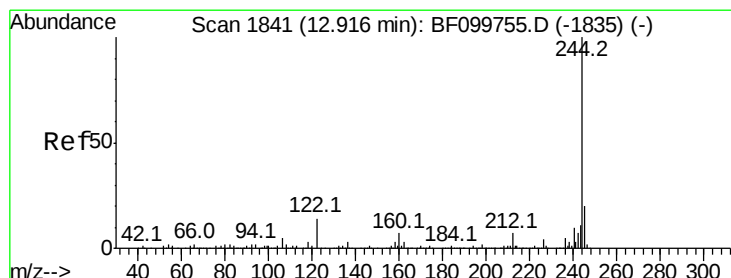
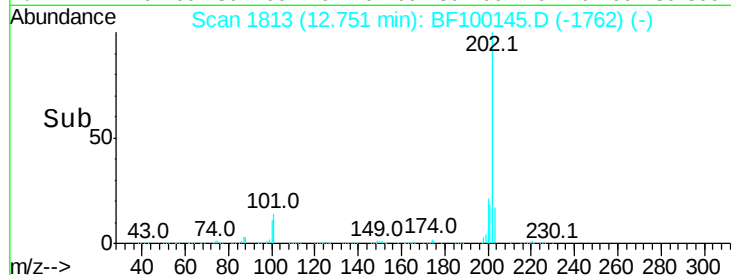
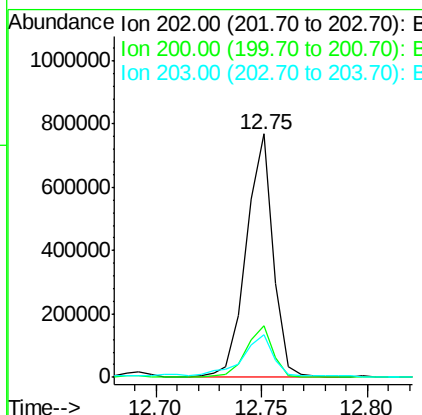
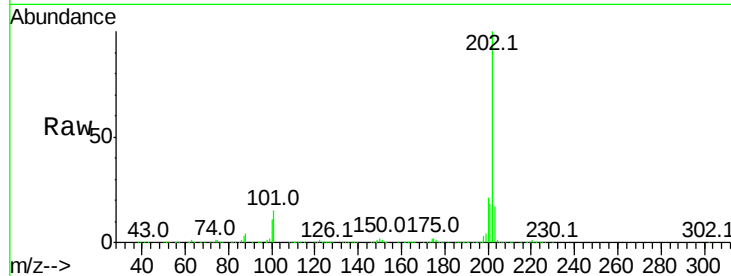




#77
Pvrene
Concen: 60.221 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

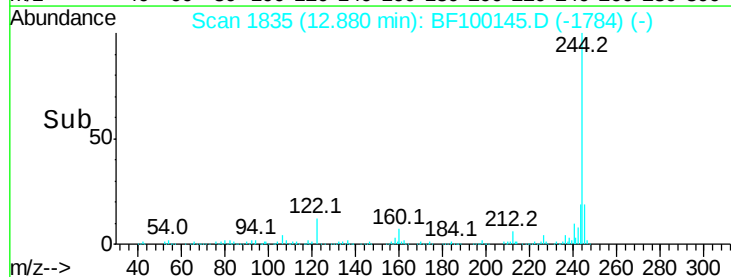
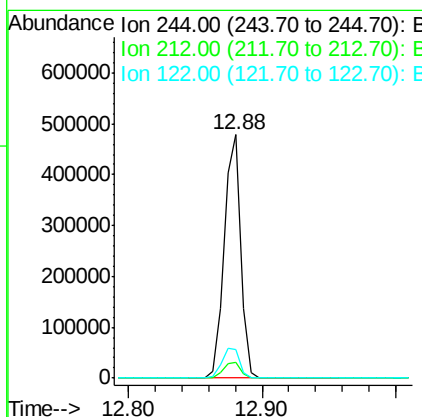
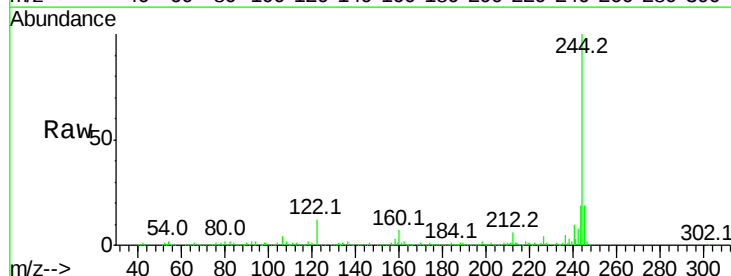
Instrument :
BNA_F
ClientSampled :

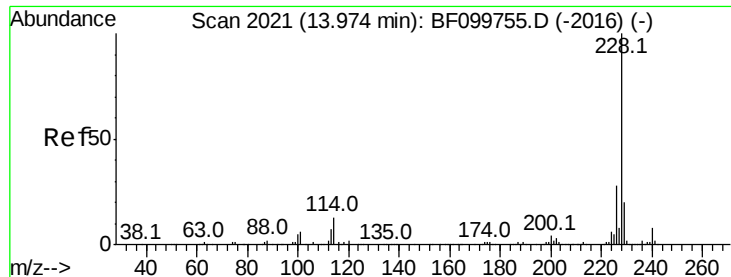
Tot Ion:202 Resp: 673338
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 62.167 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Tgt Ion:244 Resp: 418295
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 11.7 11.0 16.4





#80

Benzo(a)anthracene

Concen: 36.414 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

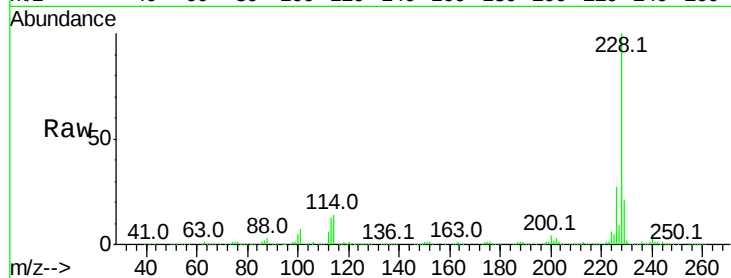
Tot Ion:228 Resp: 339442

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

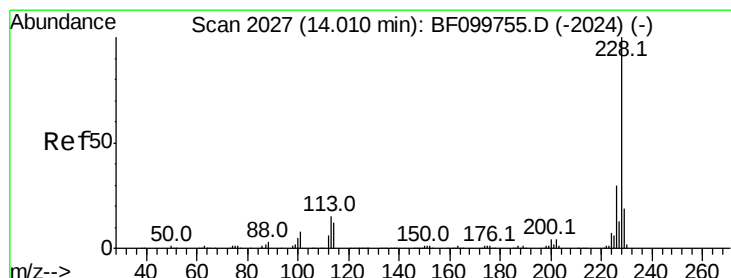
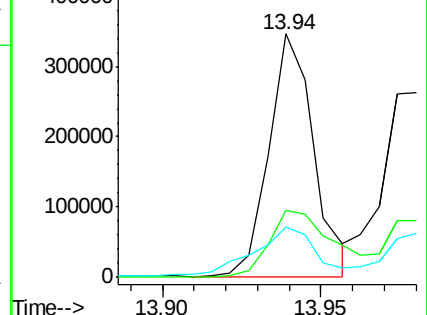
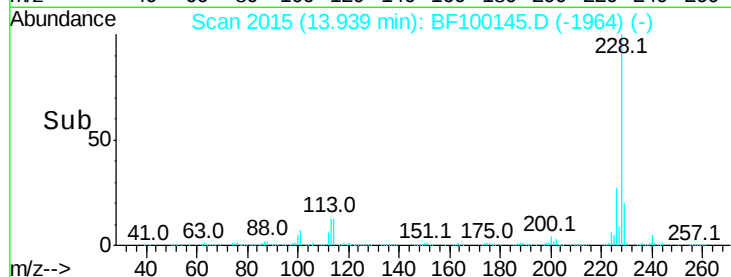
229 20.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 31.191 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

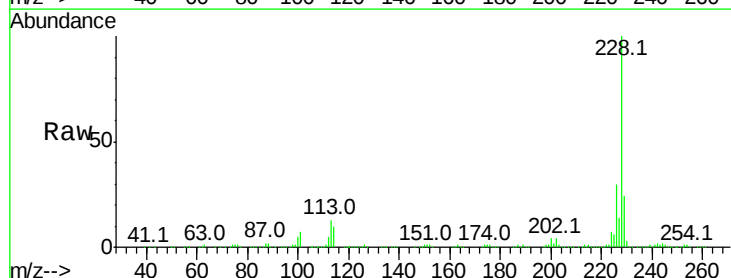
Tgt Ion:228 Resp: 273343

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

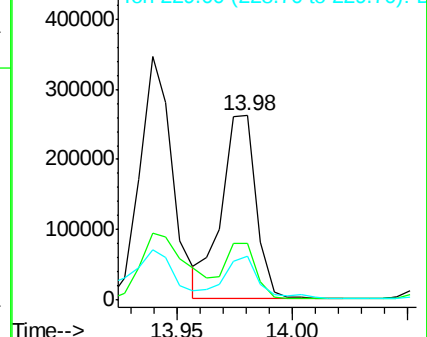
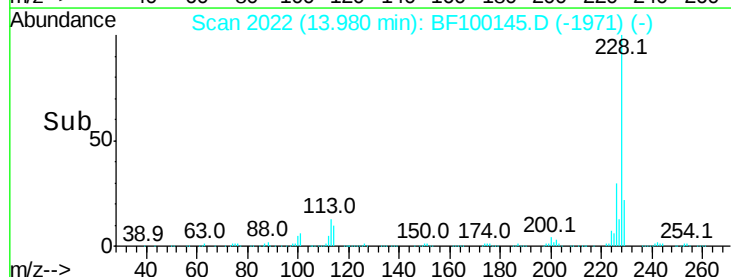
229 23.7 16.2 24.4

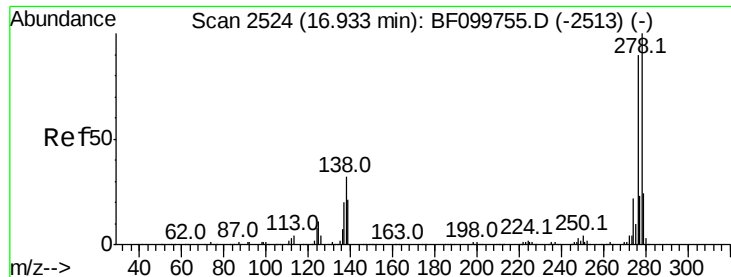


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

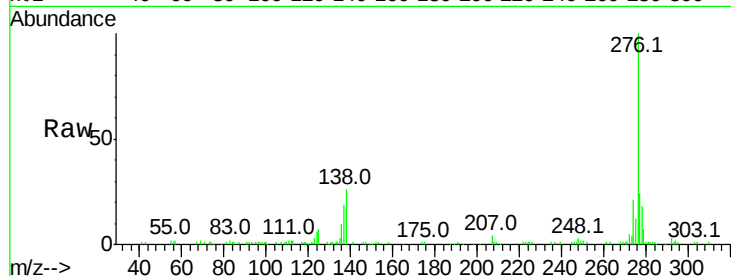




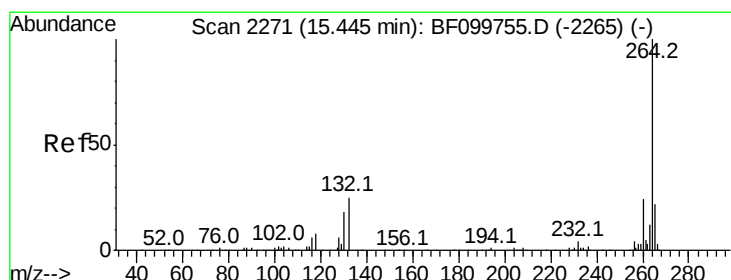
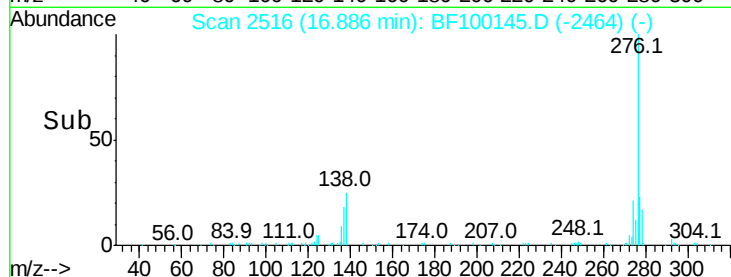
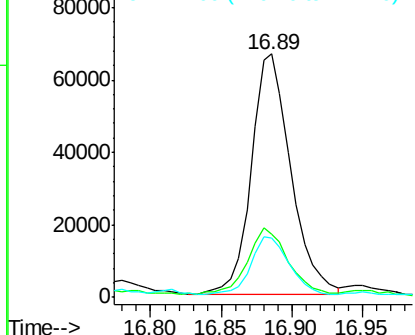
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.167 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 130064
Ion Ratio Lower Upper
276 100
138 27.7 25.0 37.6
277 23.7 20.1 30.1

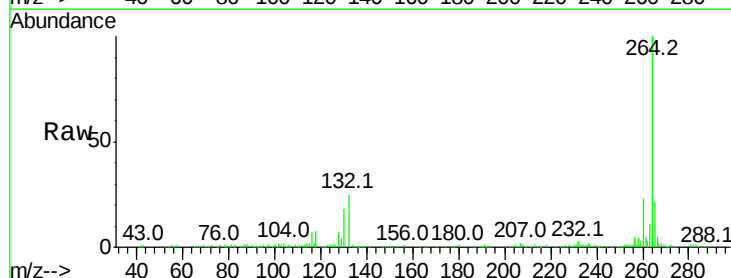


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

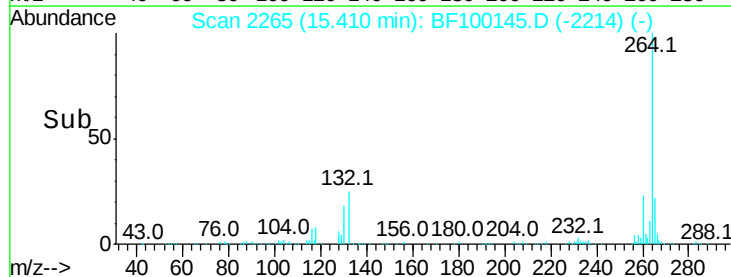
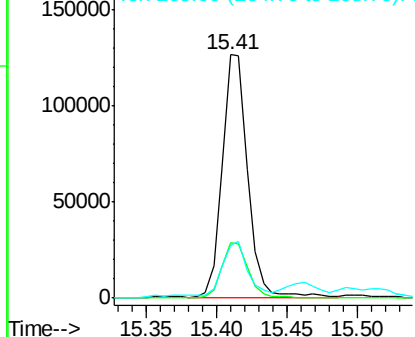


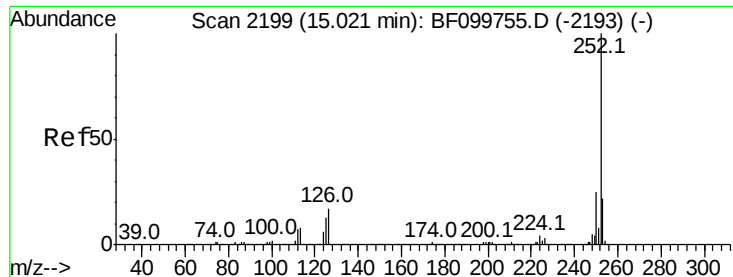
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Tgt Ion:264 Resp: 156993
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.8 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

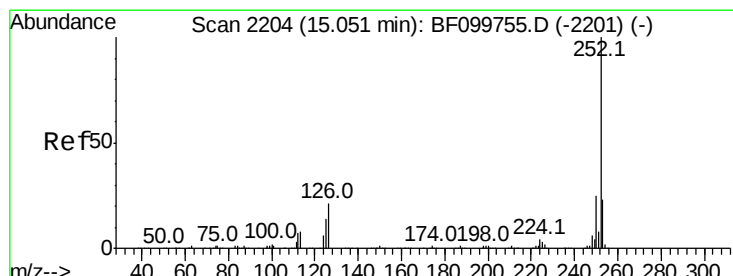
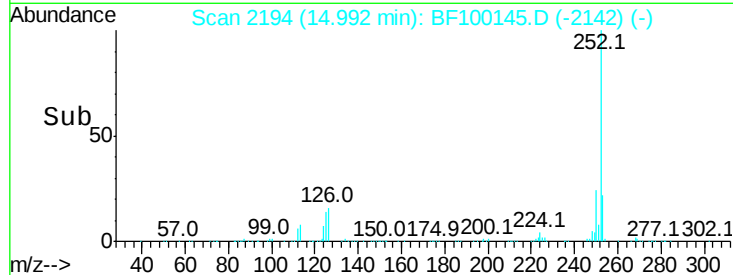
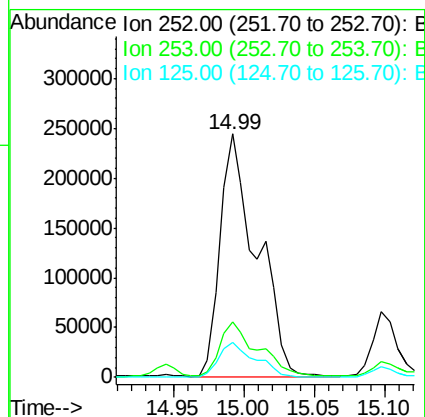
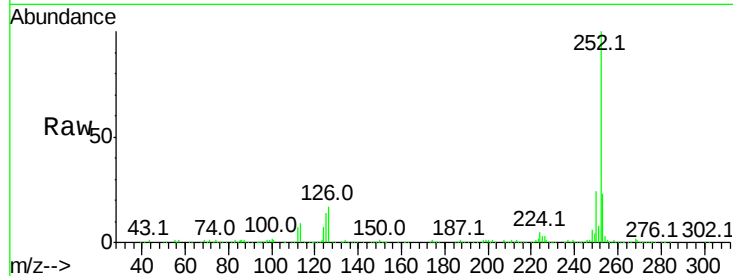




#87
Benzo(b)fluoranthene
Concen: 44.585 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

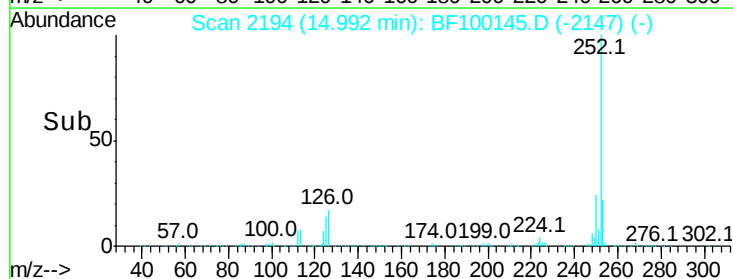
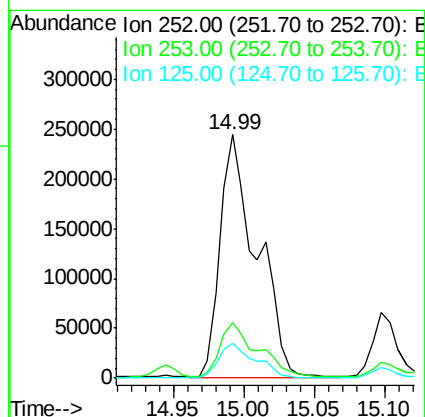
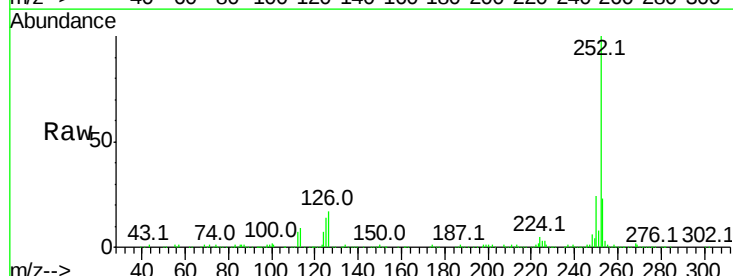
Instrument :
BNA_F
ClientSampleId :

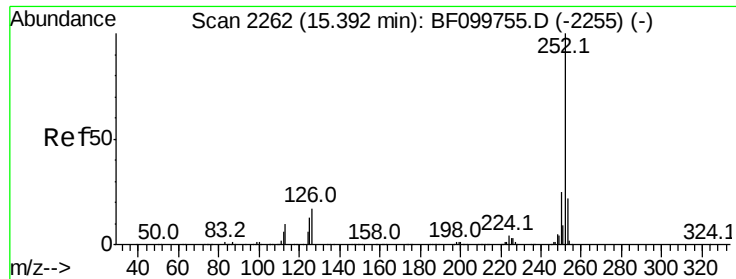
Tot Ion:252 Resp: 441991
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 14.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 47.282 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF100145.D
Acq: 3 Nov 2017 20:04

Tgt Ion:252 Resp: 441991
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 14.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 28.445 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.00 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

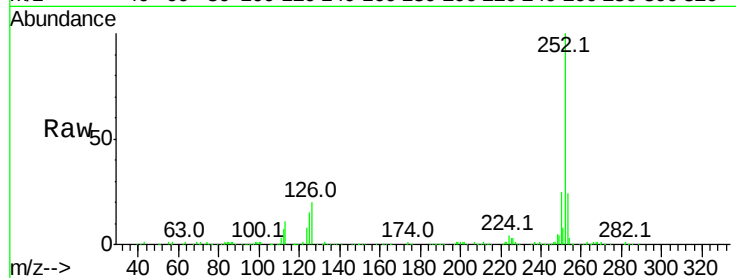
Tot Ion:252 Resp: 253300

Ion Ratio Lower Upper

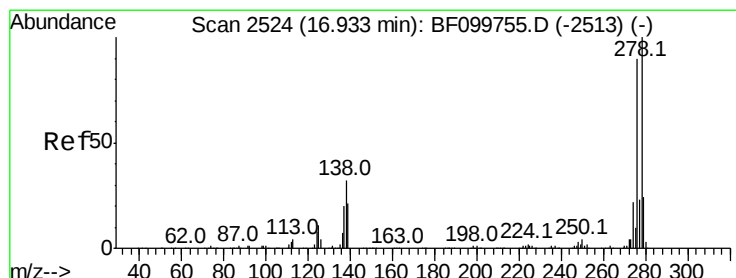
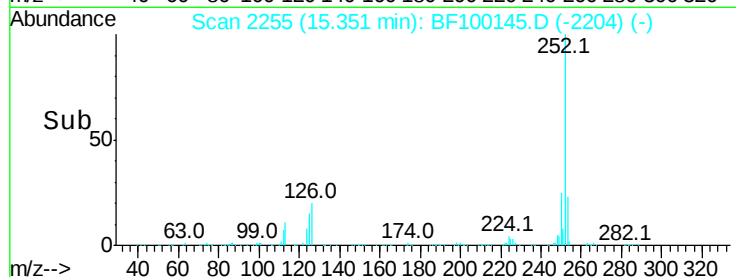
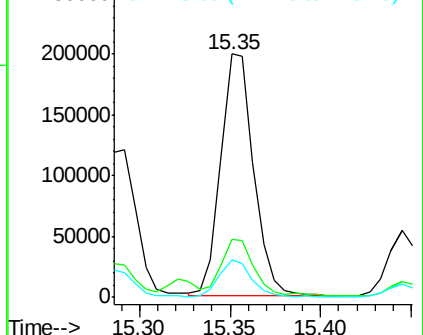
252 100

253 23.9 17.1 25.7

125 15.2 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.658 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.17 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

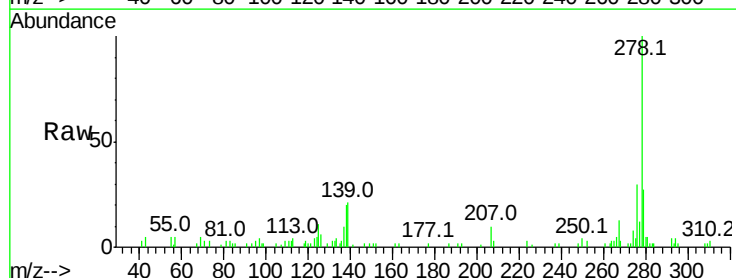
Tgt Ion:278 Resp: 36860

Ion Ratio Lower Upper

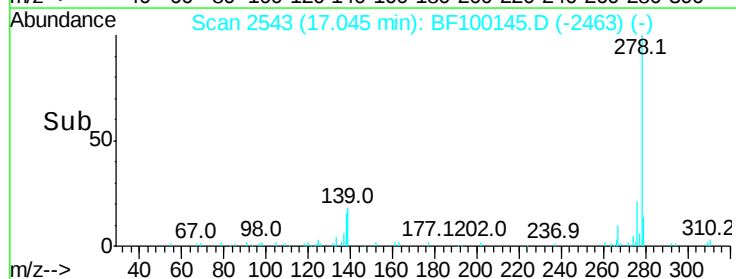
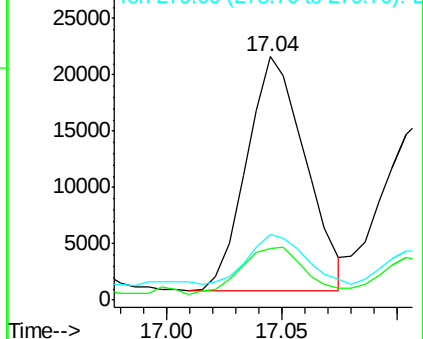
278 100

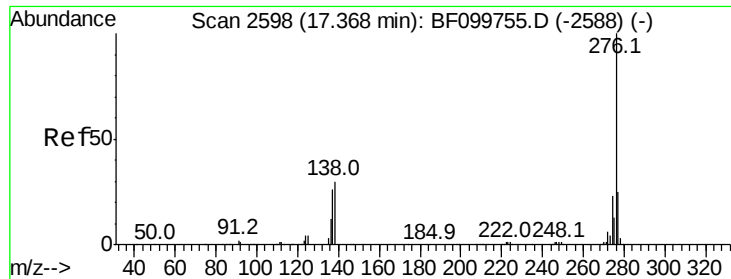
139 21.1 15.9 23.9

279 26.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 13.476 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BF100145.D

Acq: 3 Nov 2017 20:04

Instrument :

BNA_F

ClientSampleId :

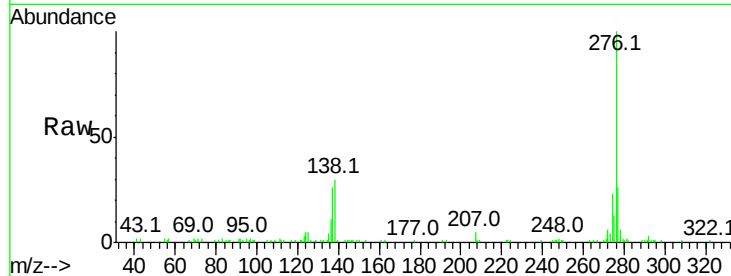
Tot Ion:276 Resp: 104323

Ion Ratio Lower Upper

276 100

277 26.0 17.9 26.9

138 29.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

