

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099967.D
 Acq On : 30 Oct 2017 18:37
 Operator : SJ/JU
 Sample : I6171-09 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 02:27:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	96686	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	380510	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	164833	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	265759	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	169744	20.00	ng	0.00
86) Perylene-d12	15.47	264	162446	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	334435	54.30	ng	-0.01
7) Phenol-d6	6.43	99	419348	57.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	233317	39.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	84265	56.10	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	504941	47.26	ng	-0.01
78) Terphenyl-d14	12.91	244	356193	45.86	ng	-0.01

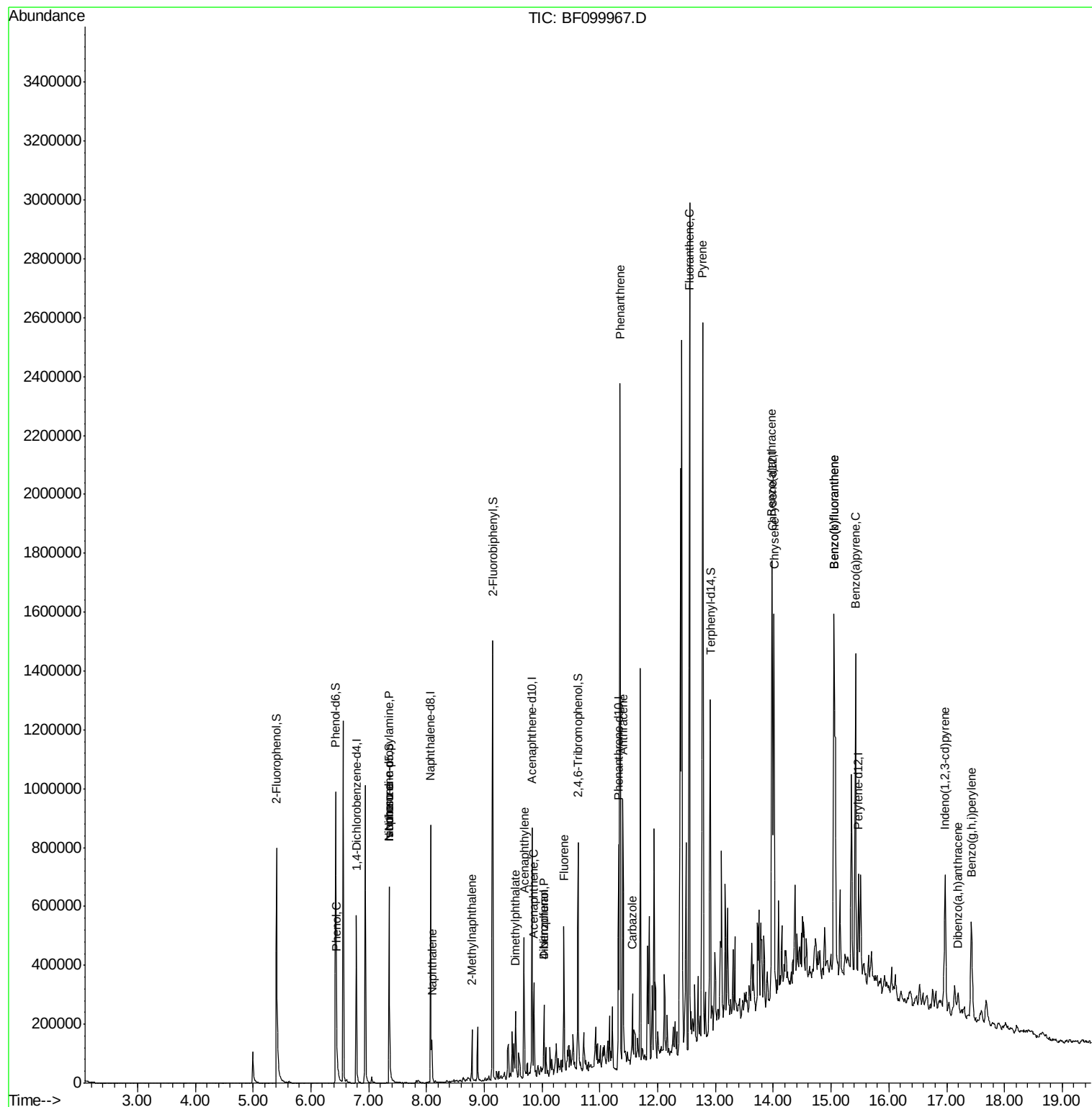
Target Compounds				Qvalue		
10) Phenol	6.45	94	22785	2.842	ng	85
19) n-Nitroso-di-n-propylamine	7.36	70	27279	6.375	ng	# 71
25) Isophorone	7.36	82	233317	21.755	ng	# 64
31) Naphthalene	8.09	128	67270	3.662	ng	97
37) 2-Methylnaphthalene	8.79	142	51792	4.208	ng	96
48) Acenaphthylene	9.69	152	192259	11.527	ng	99
49) Dimethylphthalate	9.54	163	86639	6.637	ng	99
51) Acenaphthene	9.86	154	64077	6.287	ng	99
54) Dibenzofuran	10.03	168	79149	5.502	ng	97
55) 4-Nitrophenol	10.03	139	28332	16.770	ng	# 12
57) Fluorene	10.37	166	144390	12.122	ng	99
70) Phenanthrene	11.35	178	918550	61.245	ng	98
71) Anthracene	11.40	178	350482	23.022	ng	99
72) Carbazole	11.56	167	80791	5.643	ng	98
74) Fluoranthene	12.55	202	1352107	86.749	ng	99
77) Pyrene	12.78	202	1214827	94.120	ng	100
80) Benzo(a)anthracene	13.97	228	653407	60.722	ng	99
82) Chrysene	14.02	228	545822	53.954	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	302959	32.622	ng	95
87) Benzo(b)fluoranthene	15.05	252	1016381	99.085	ng	# 95
88) Benzo(k)fluoranthene	15.05	252	1016381	105.078	ng	98
89) Benzo(a)pyrene	15.42	252	542954	58.925	ng	97
90) Dibenzo(a,h)anthracene	17.20	278	38341	4.683	ng	94
91) Benzo(g,h,i)perylene	17.43	276	265031	33.086	ng	96

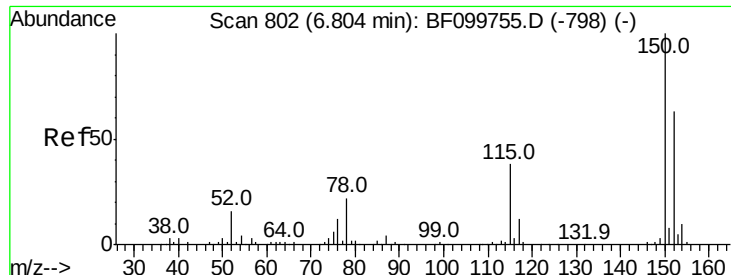
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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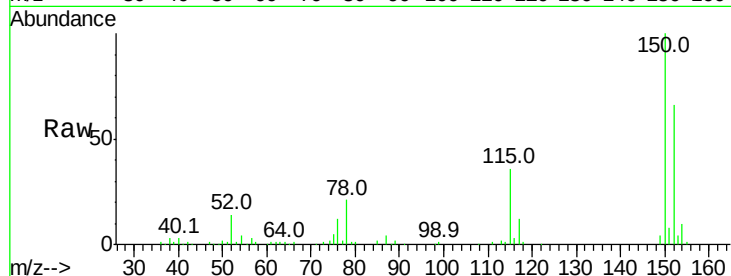


#1

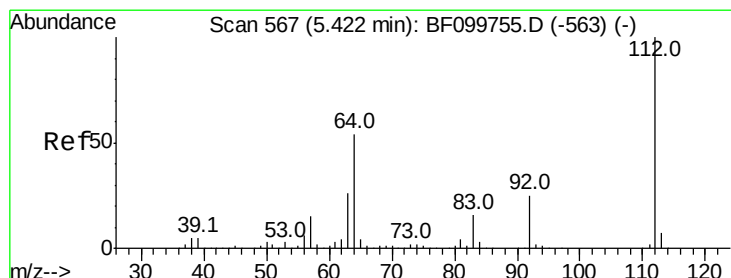
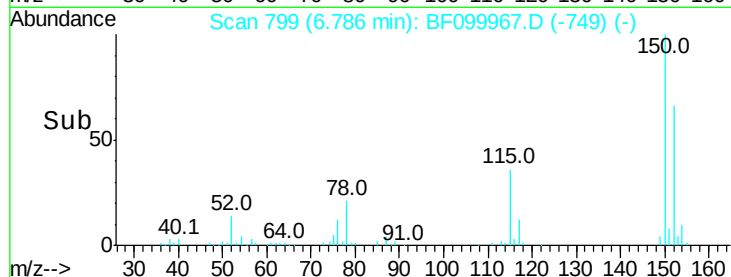
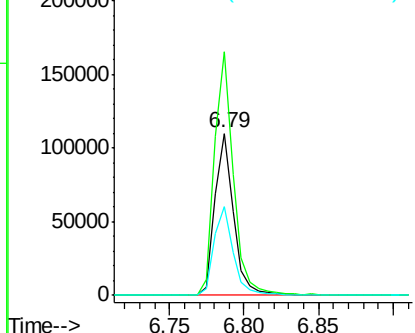
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96686
Ion Ratio Lower Upper
152 100
150 150.4 124.6 186.8
115 54.6 50.1 75.1



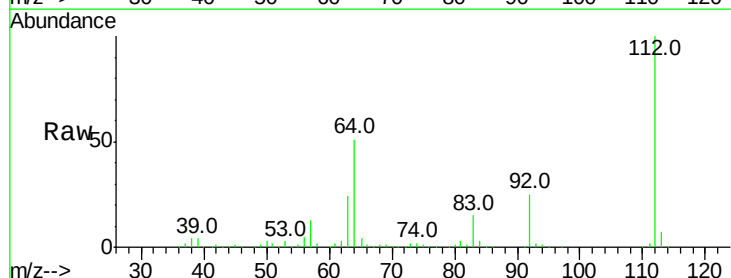
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



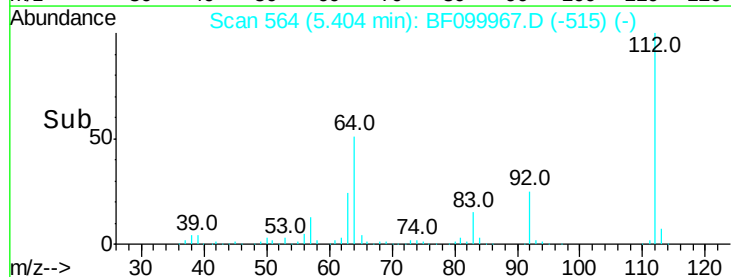
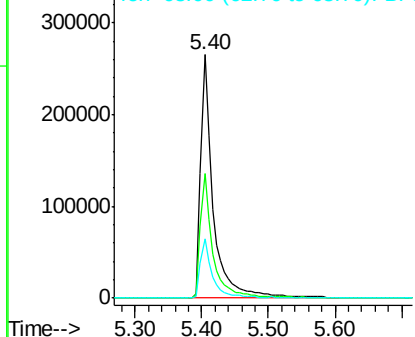
#5

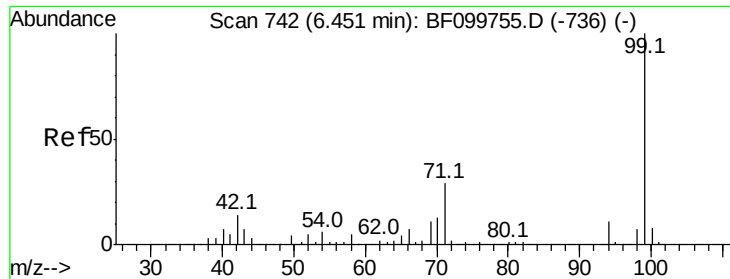
2-Fluorophenol
Concen: 54.305 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:112 Resp: 334435
Ion Ratio Lower Upper
112 100
64 51.0 47.9 71.9
63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.427 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

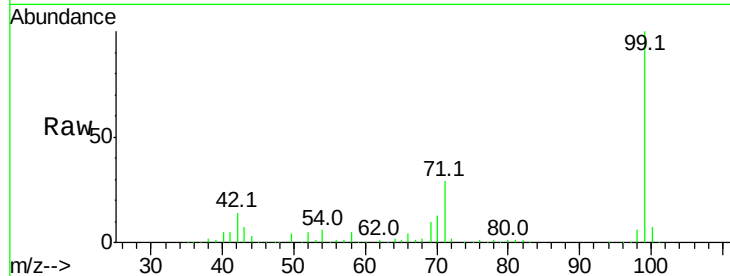
Tot Ion: 99 Resp: 419348

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

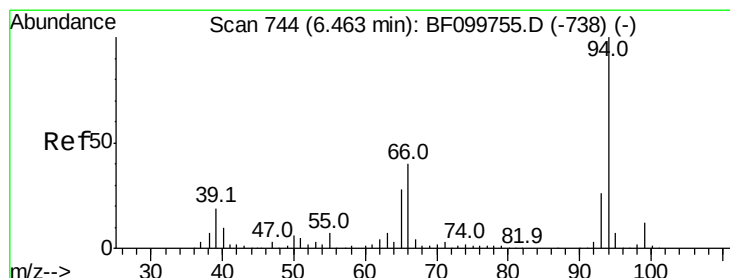
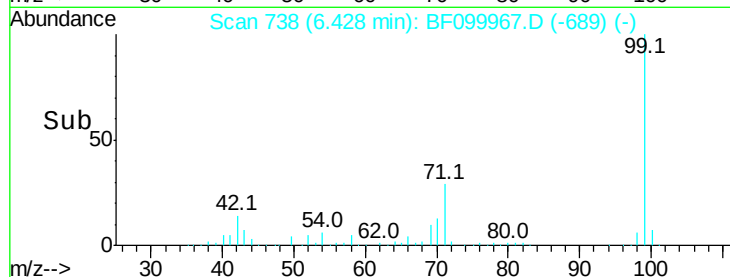
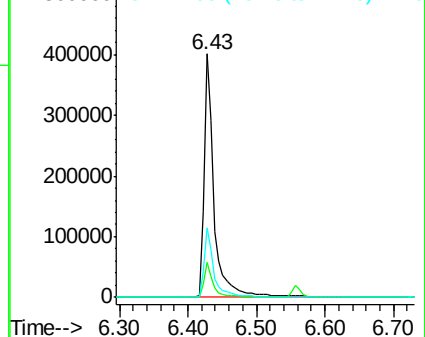
71 28.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.842 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

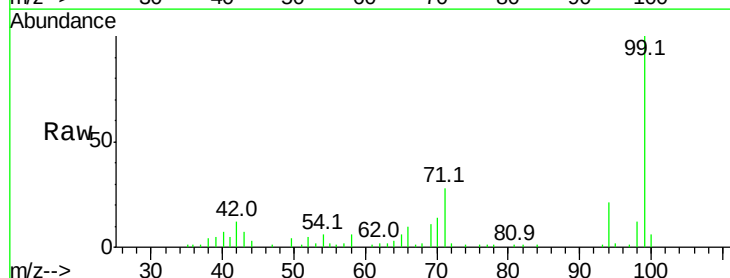
Tgt Ion: 94 Resp: 22785

Ion Ratio Lower Upper

94 100

65 30.4 7.9 47.9

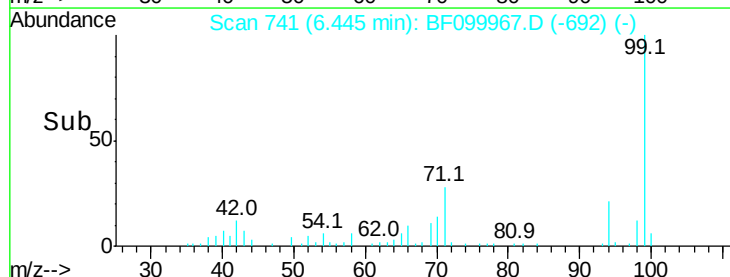
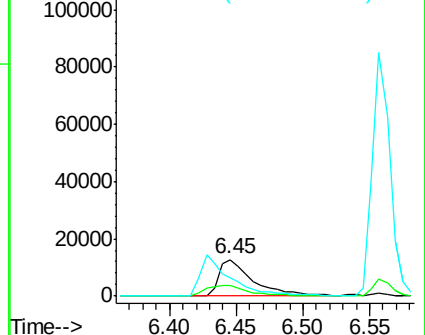
66 49.4 16.2 56.2

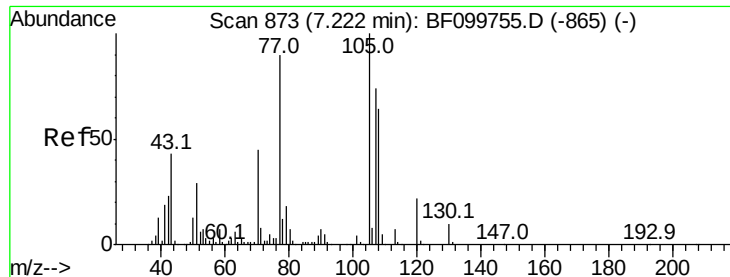


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 6.375 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 27279

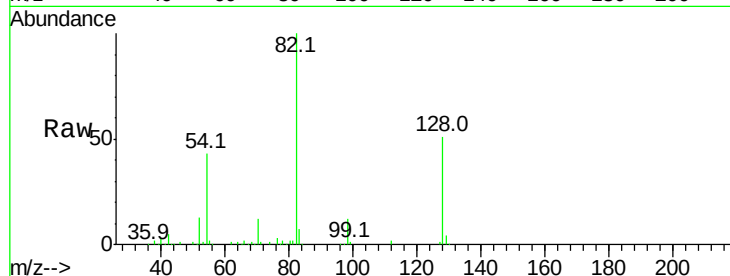
Ion Ratio Lower Upper

70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

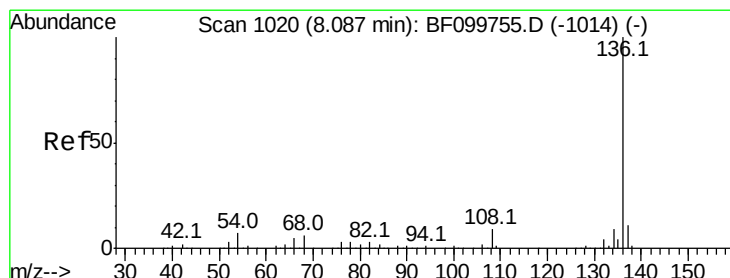
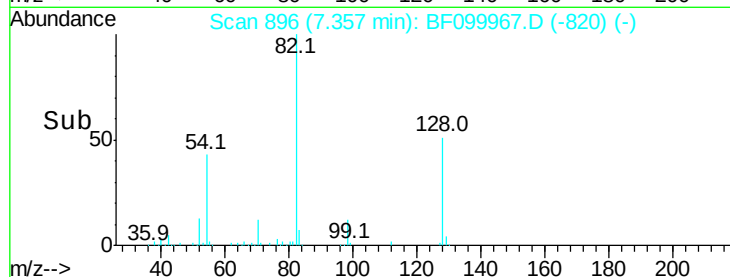
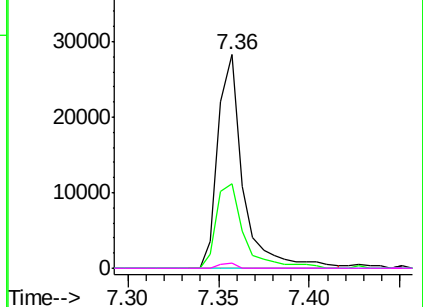


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Tgt Ion: 136 Resp: 380510

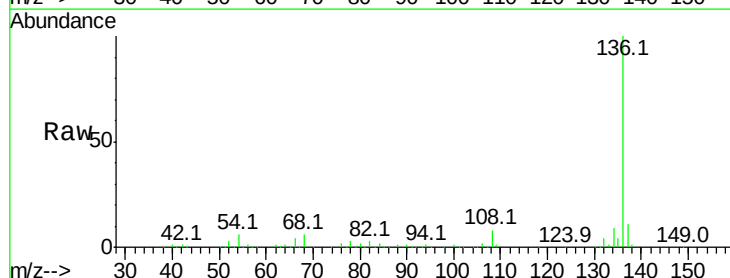
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 6.6 9.8#

68 5.9 5.0 7.4

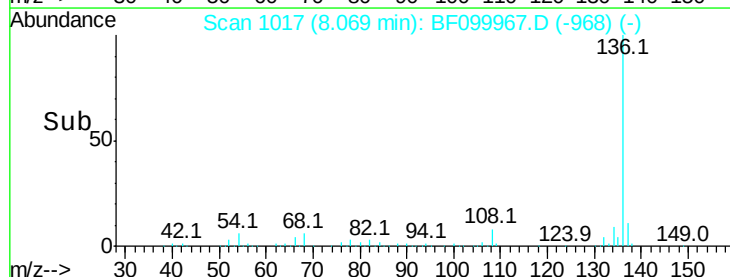
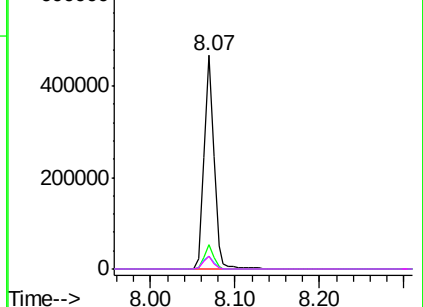


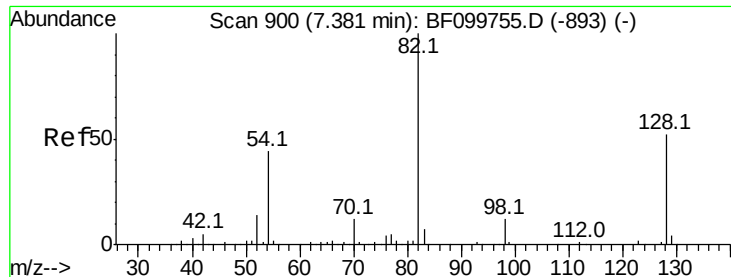
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

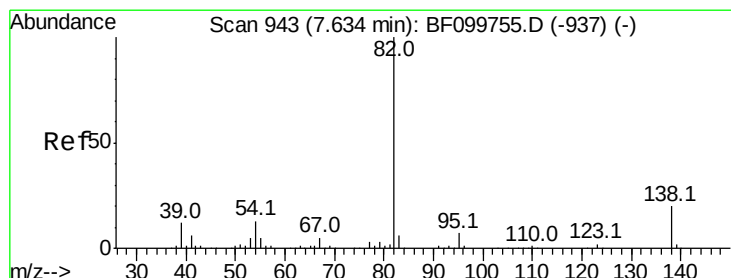
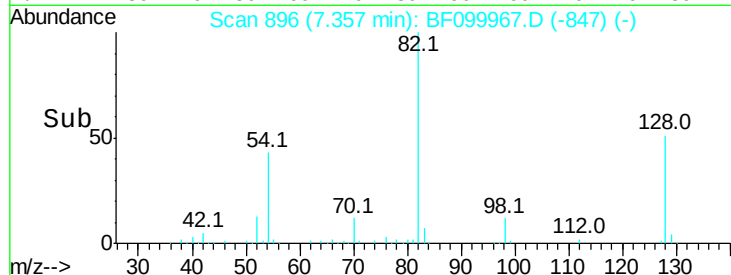
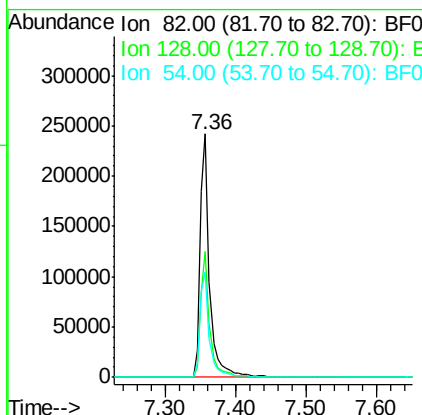
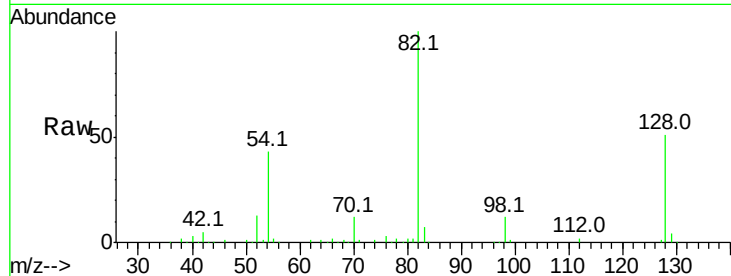




#23
 Nitrobenzene-d5
 Concen: 39.476 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

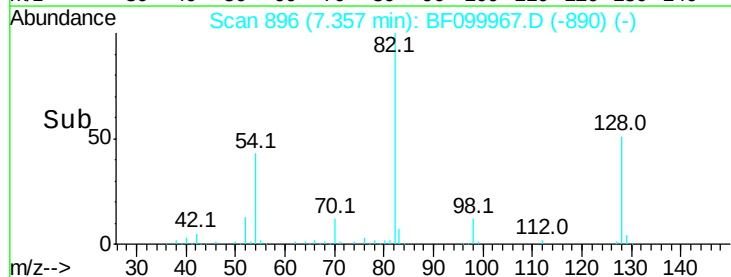
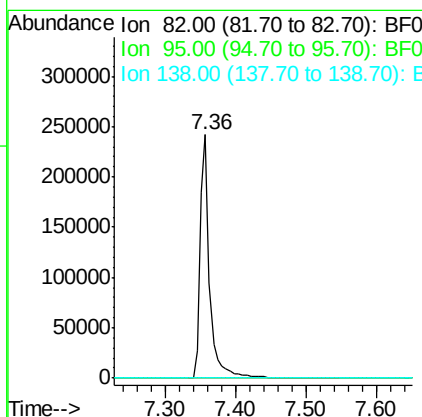
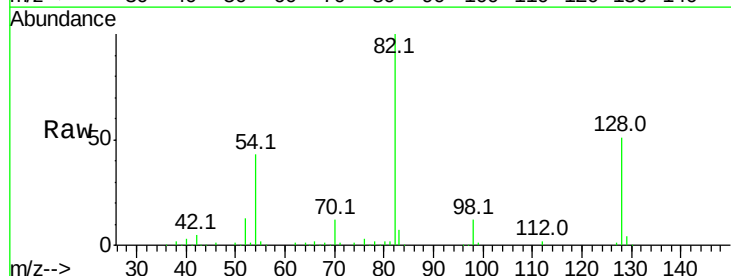
Instrument :
 BNA_F
 ClientSampled :

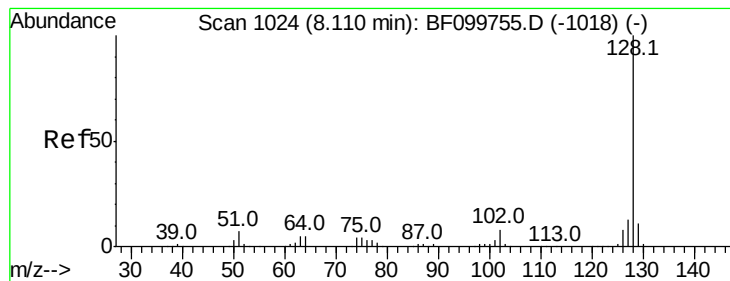
Tot Ion	82	Resp	233317
Ion Ratio	100	Lower	Upper
128	51.4	36.1	54.1
54	43.3	41.4	62.2



#25
 Isophorone
 Concen: 21.755 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

Tgt Ion	82	Resp	233317
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 3.662 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

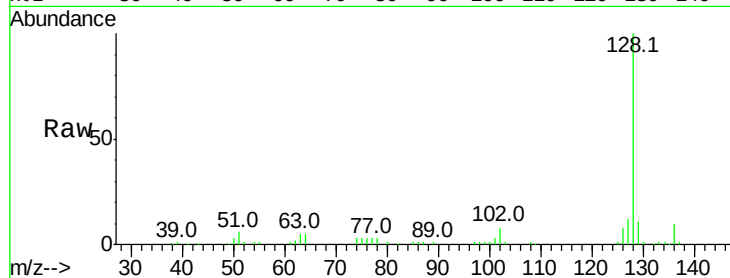
Tot Ion:128 Resp: 67270

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

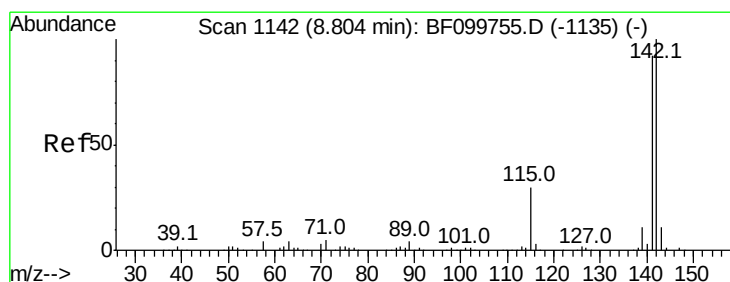
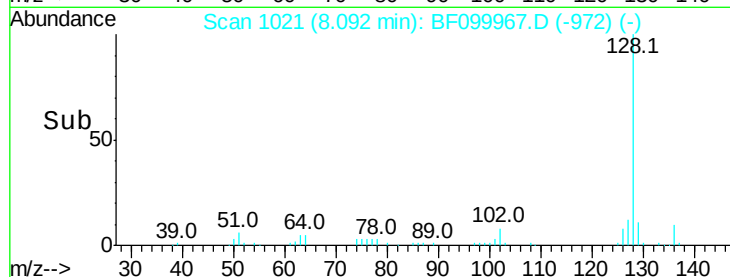
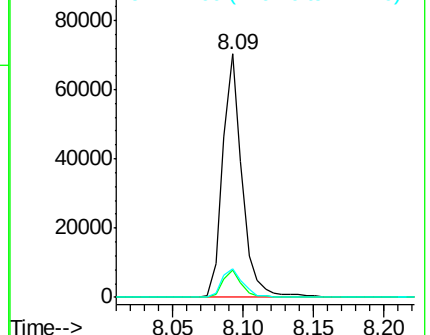
127 11.9 10.9 16.3



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: 4.208 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

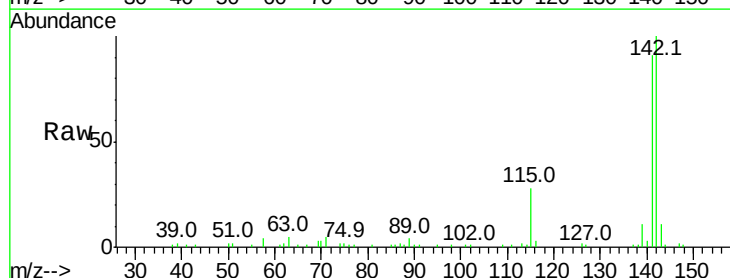
Tgt Ion:142 Resp: 51792

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

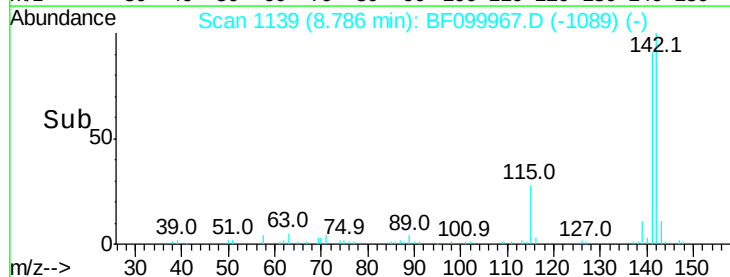
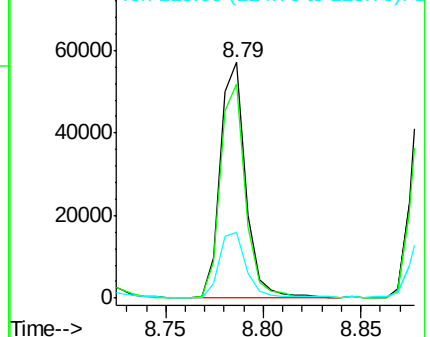
115 28.1 26.1 39.1

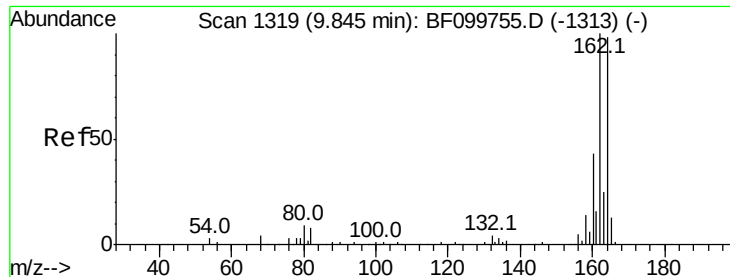


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

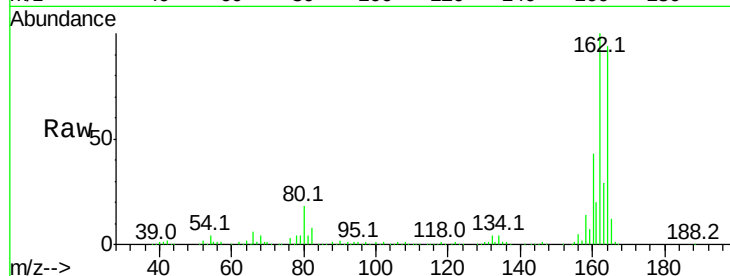




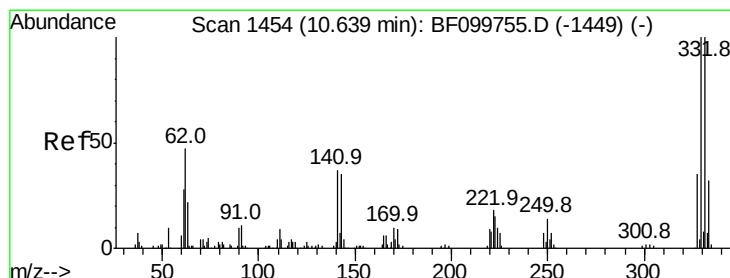
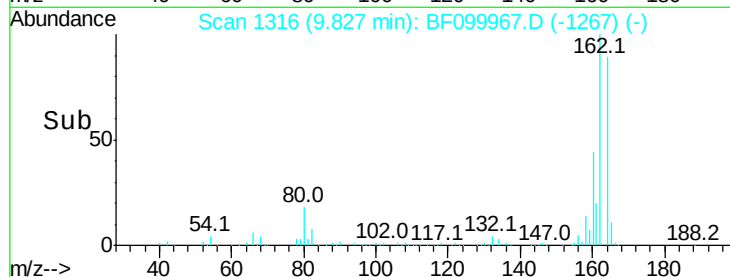
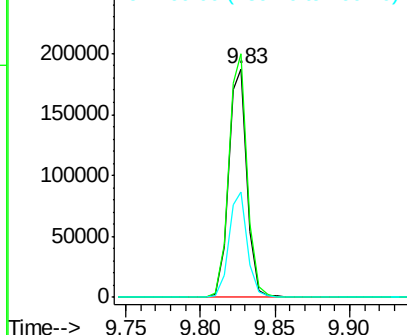
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 164833
 Ion Ratio Lower Upper
 164 100
 162 106.6 86.1 129.1
 160 46.2 38.3 57.5

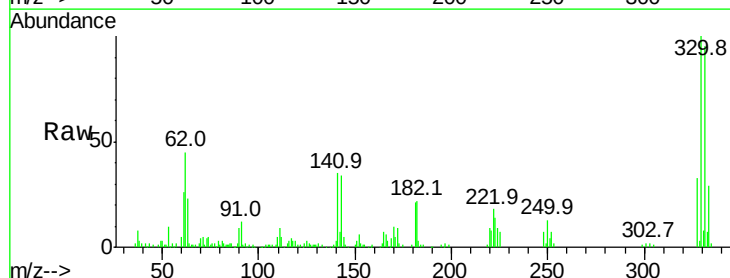


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

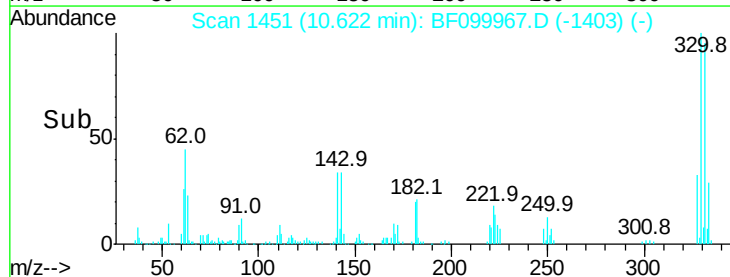
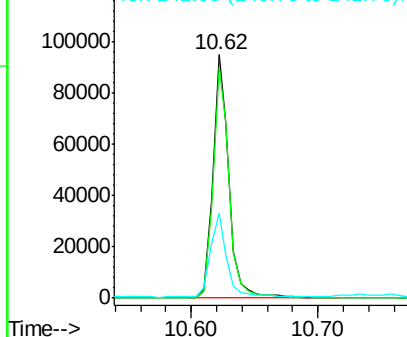


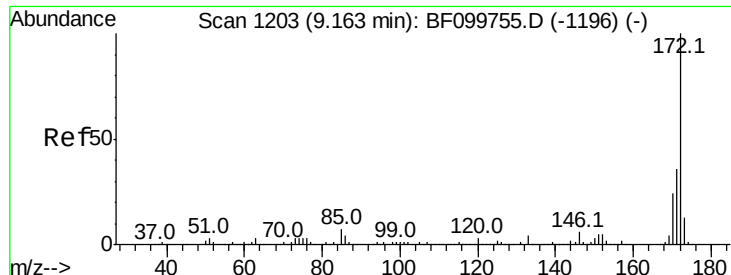
#41
 2,4,6-Tribromophenol
 Concen: 56.096 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

Tgt Ion:330 Resp: 84265
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 34.7 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



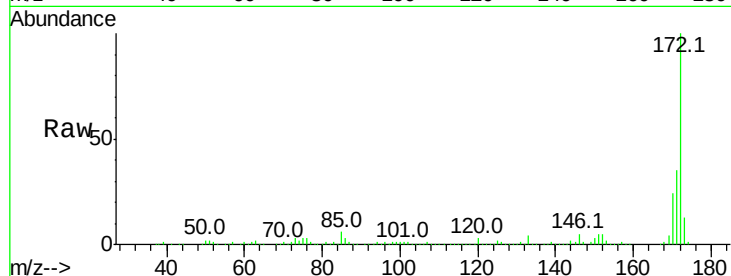


#44
 2-Fluorobiphenyl
 Concen: 47.263 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

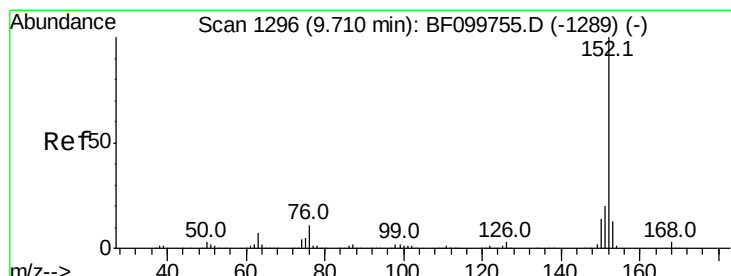
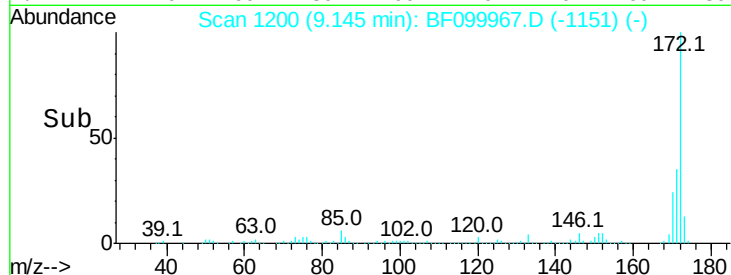
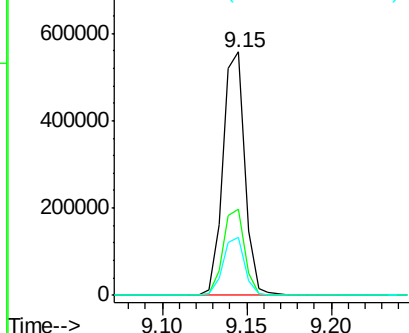
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 504941

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



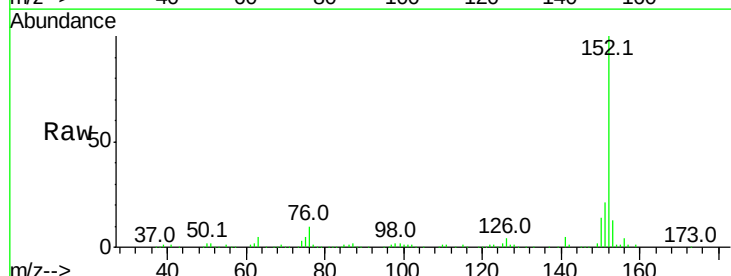
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



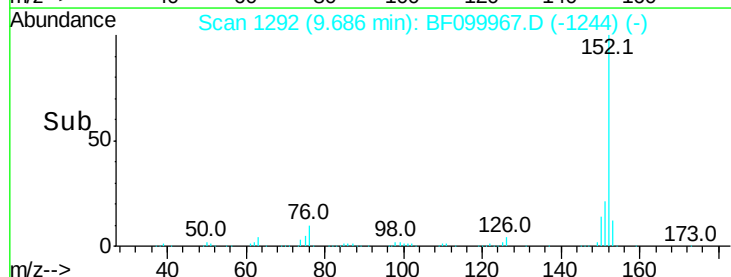
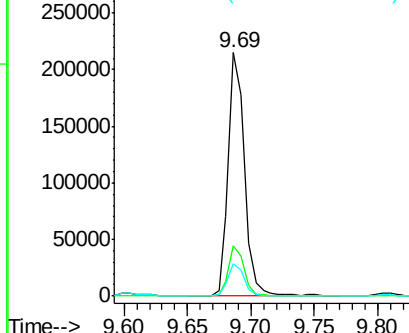
#48
 Acenaphthylene
 Concen: 11.527 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

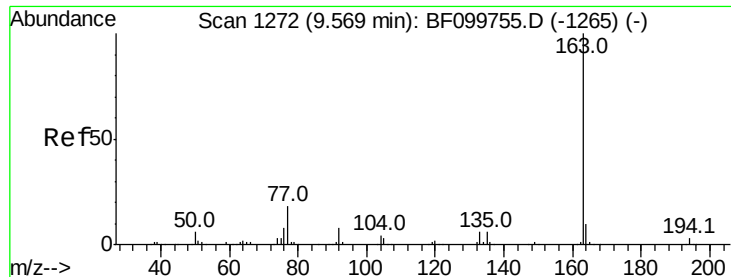
Tgt Ion:152 Resp: 192259

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	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

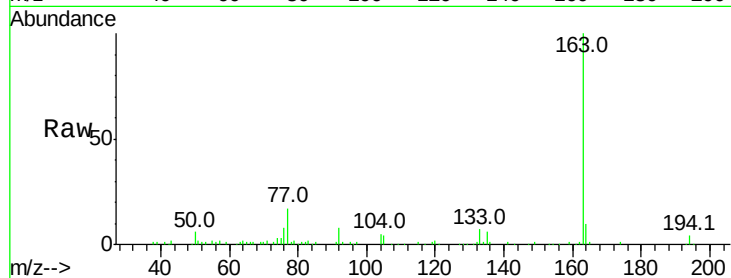




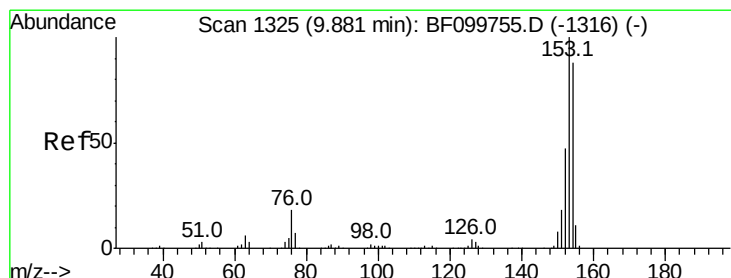
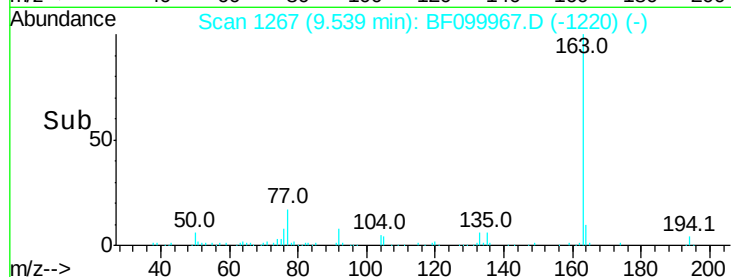
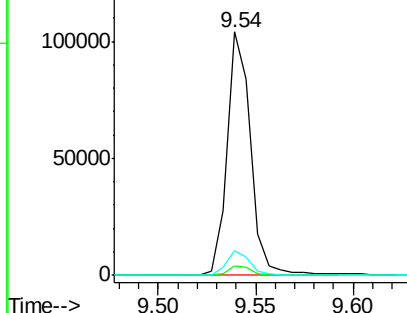
#49
Dimethylphthalate
Concen: 6.637 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 86639
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

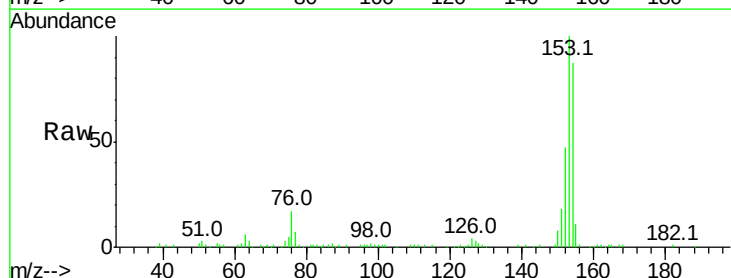


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

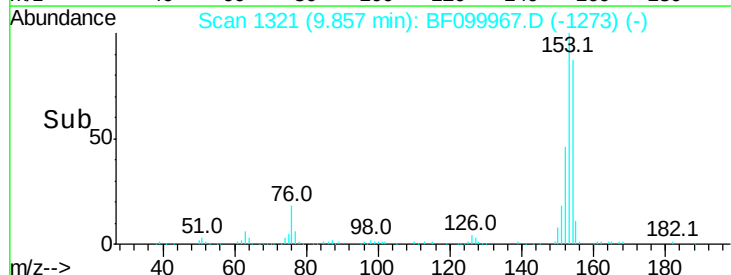
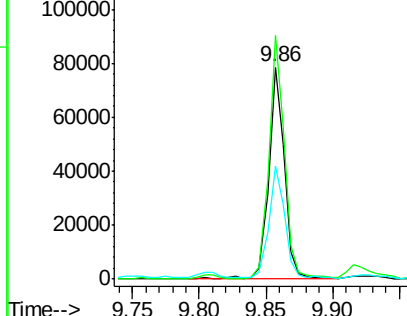


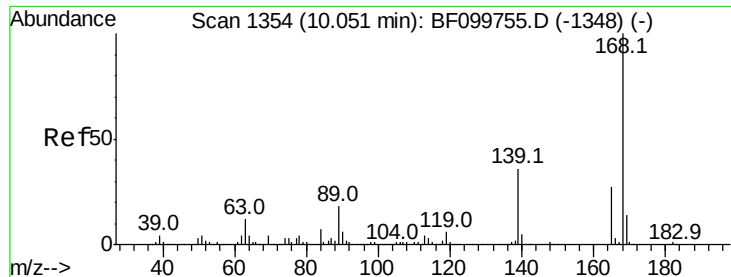
#51
Acenaphthene
Concen: 6.287 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:154 Resp: 64077
Ion Ratio Lower Upper
154 100
153 115.0 91.2 136.8
152 53.6 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: 5.502 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampled :

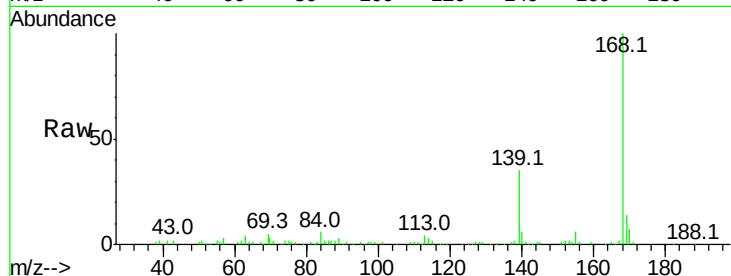
Tot Ion:168 Resp: 79149

Ion Ratio Lower Upper

168 100

139 35.1 30.1 45.1

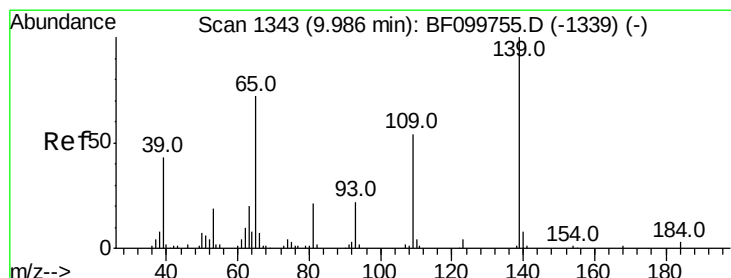
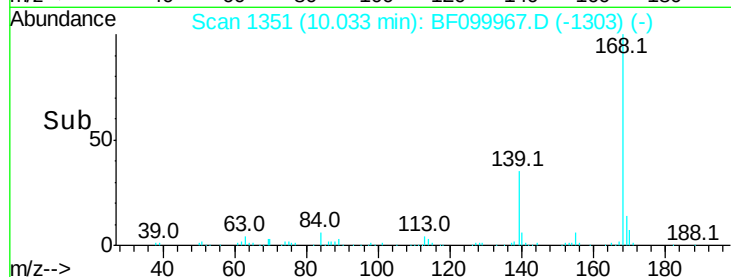
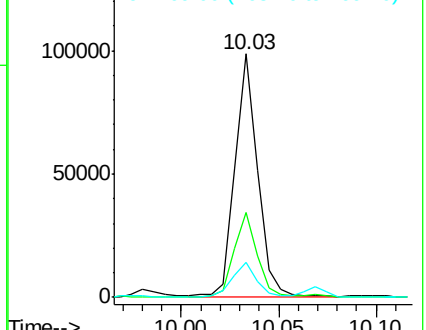
169 14.2 10.9 16.3



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: 16.770 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.04 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

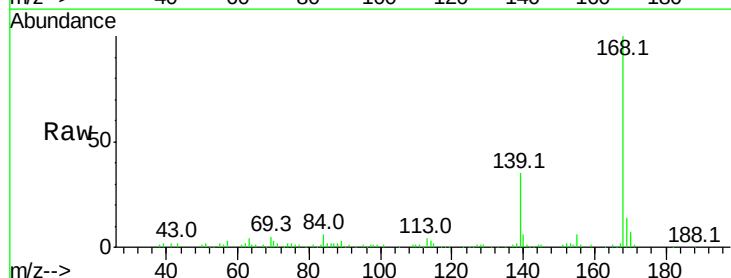
Tgt Ion:139 Resp: 28332

Ion Ratio Lower Upper

139 100

109 2.7 48.4 88.4#

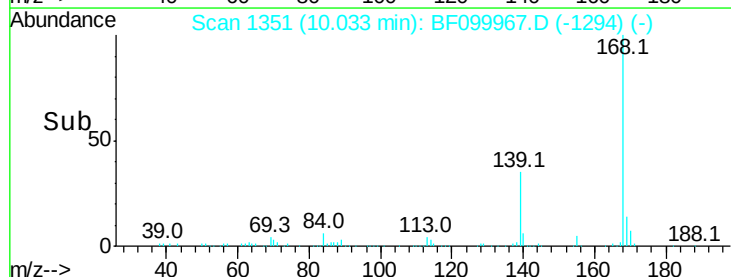
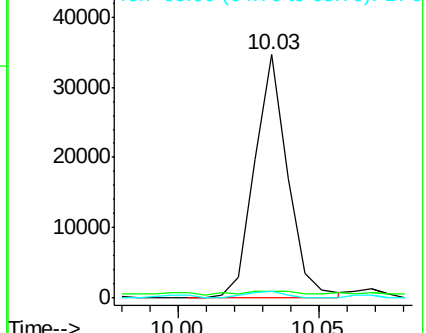
65 2.8 72.6 112.6#

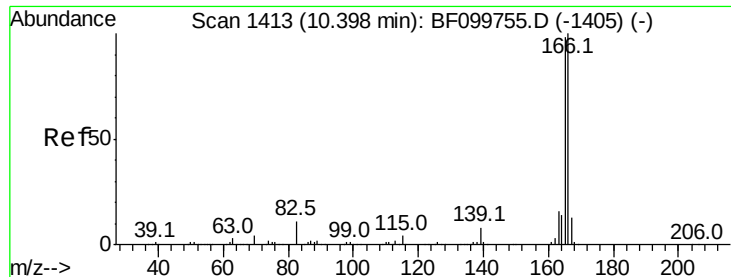


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

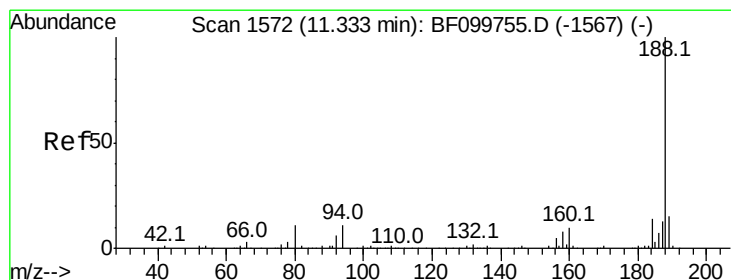
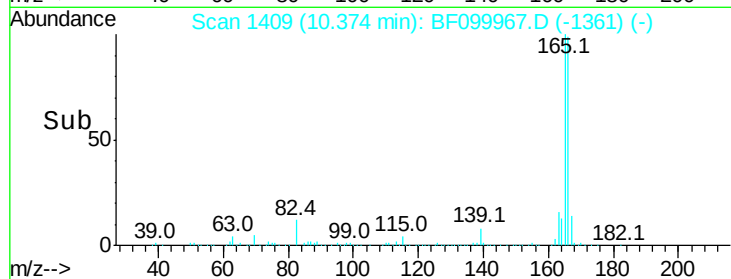
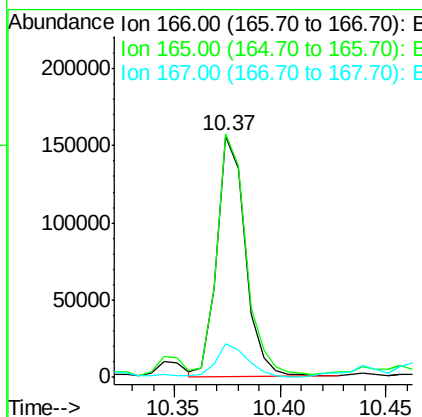
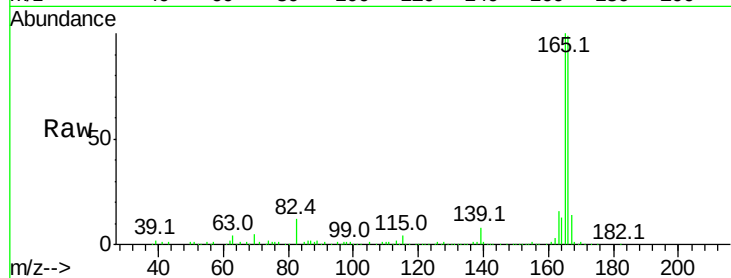




#57
 Fluorene
 Concen: 12.122 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

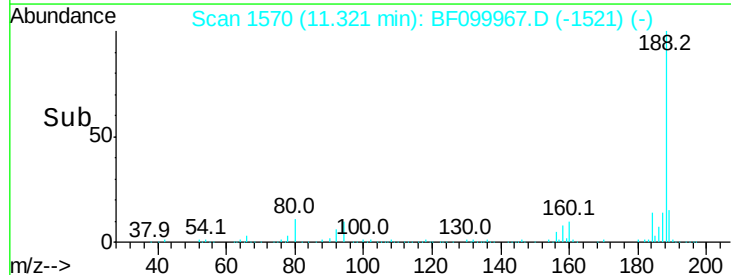
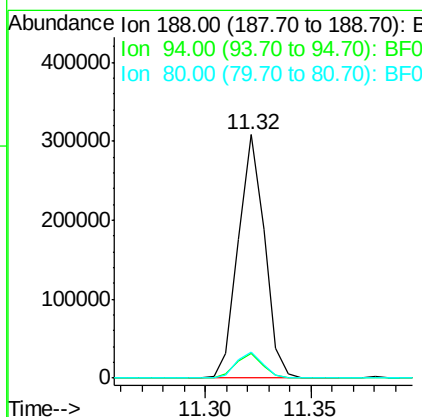
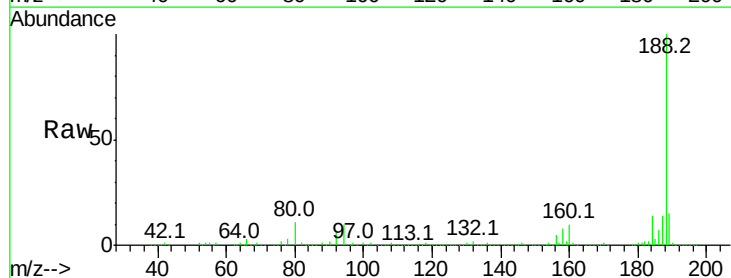
Instrument :
 BNA_F
 ClientSampleId :

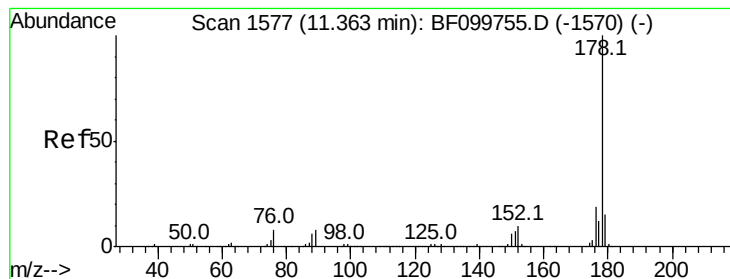
Tot Ion:166 Resp: 144390
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.8 119.8
 167 13.9 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF099967.D
 Acq: 30 Oct 2017 18:37

Tgt Ion:188 Resp: 265759
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.9 9.2 13.8





#70

Phenanthrene

Concen: 61.245 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampled :

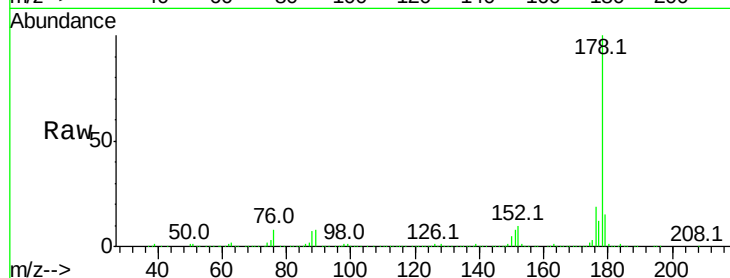
Tot Ion:178 Resp: 918550

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

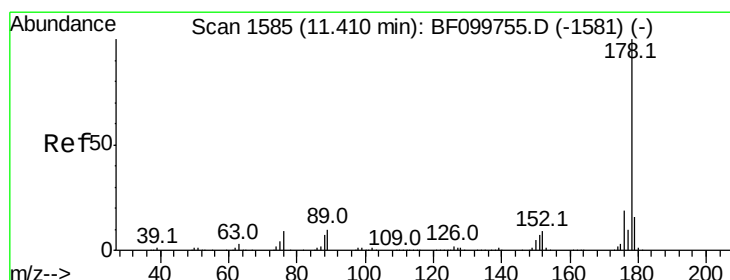
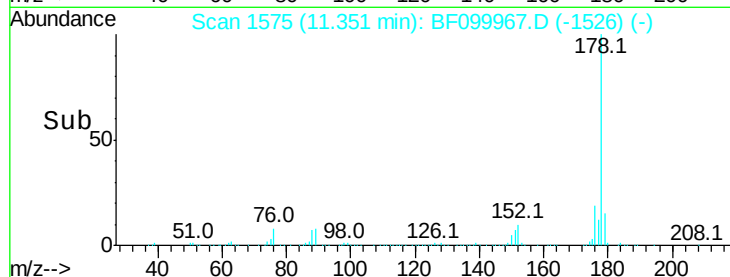
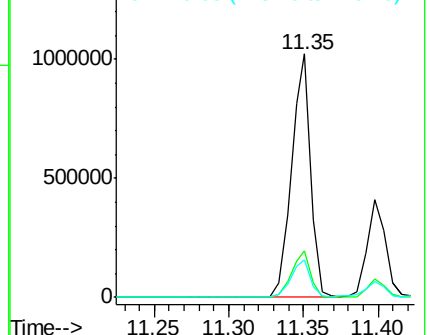
179 15.2 13.0 19.6



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



#71

Anthracene

Concen: 23.022 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

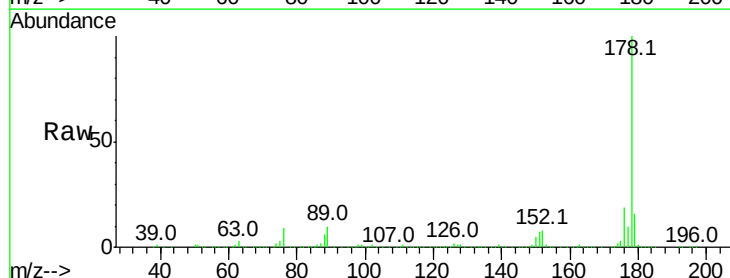
Tgt Ion:178 Resp: 350482

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

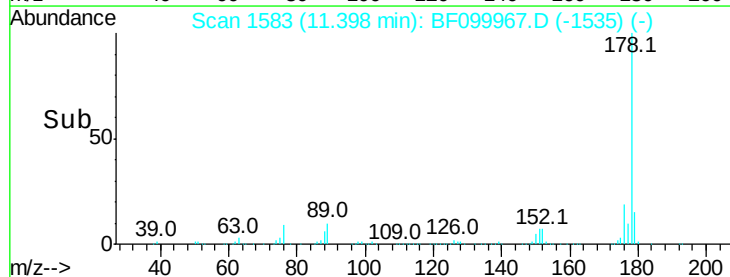
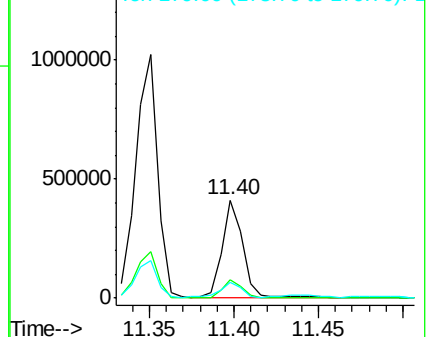
179 15.7 12.6 19.0

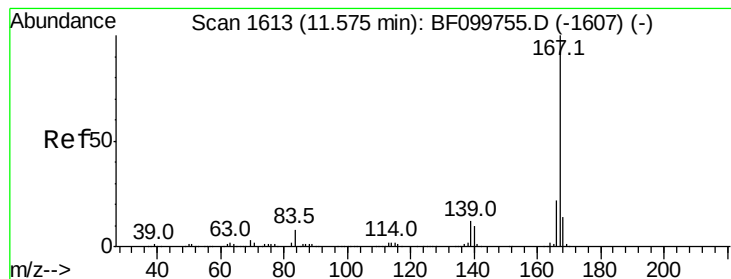


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.643 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

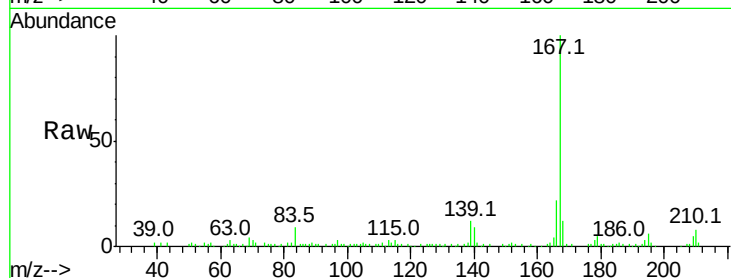
Tot Ion:167 Resp: 80791

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

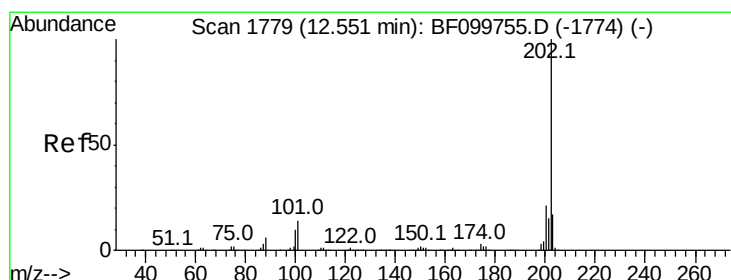
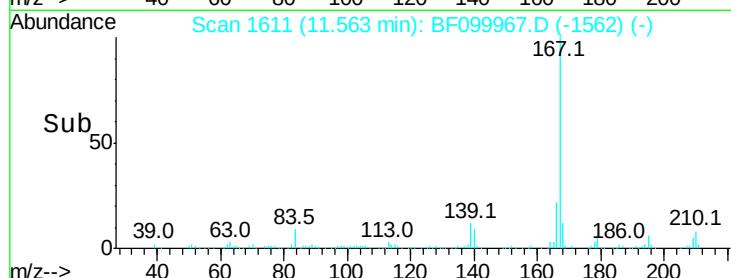
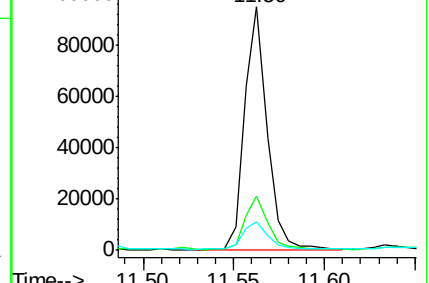
139 11.8 10.9 16.3



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: 86.749 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

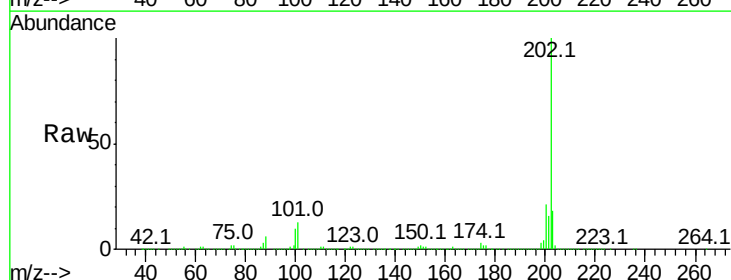
Tgt Ion:202 Resp: 1352107

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

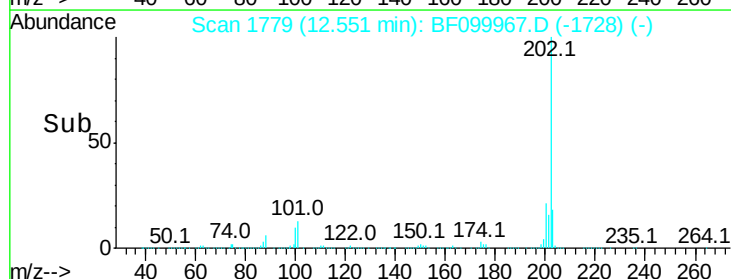
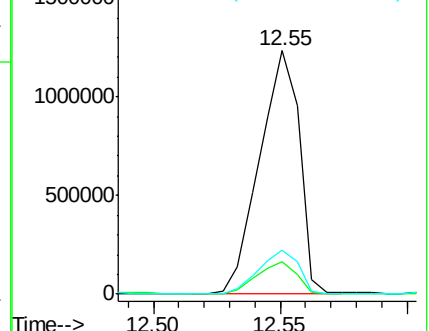
203 18.0 0.0 38.1

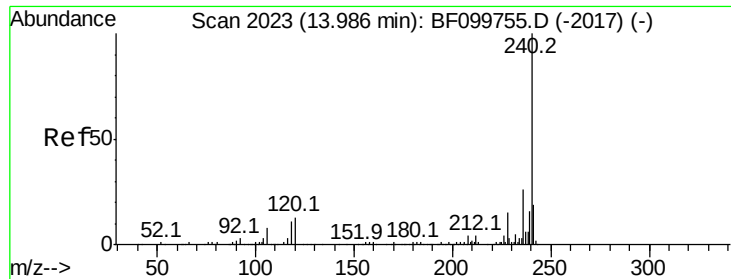


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

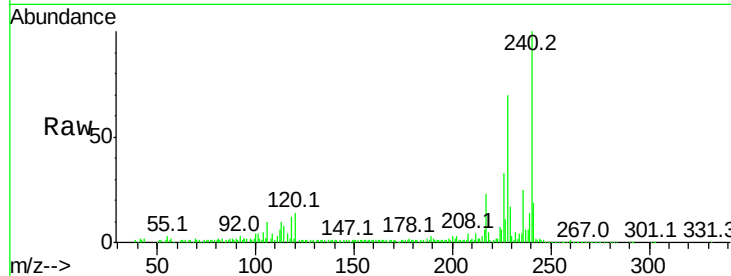
Tot Ion:240 Resp: 169744

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

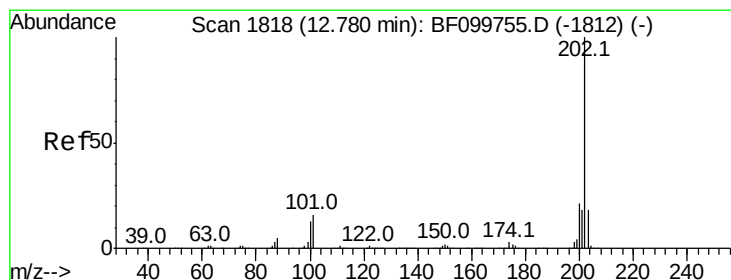
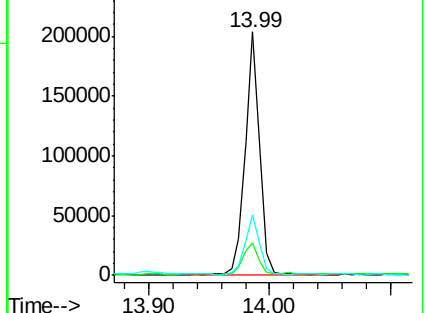
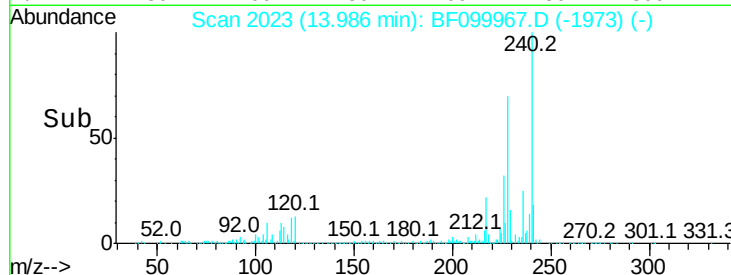
236 25.1 20.7 31.1



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: 94.120 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

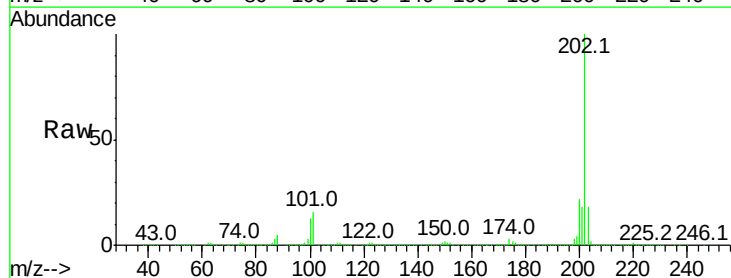
Tgt Ion:202 Resp: 1214827

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

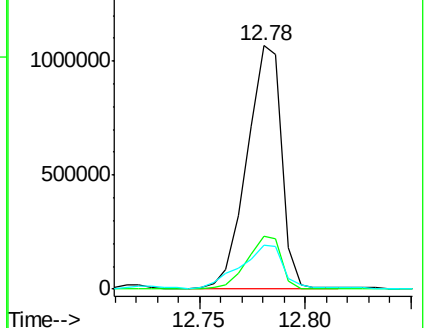
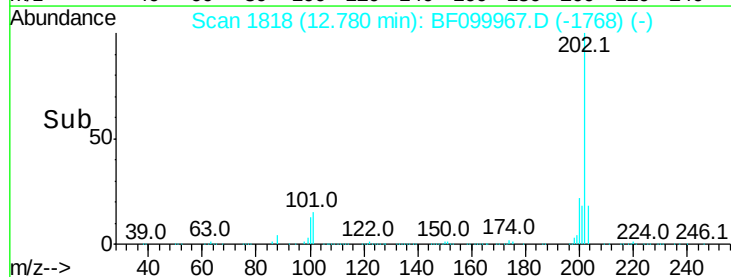
203 18.3 14.3 21.5

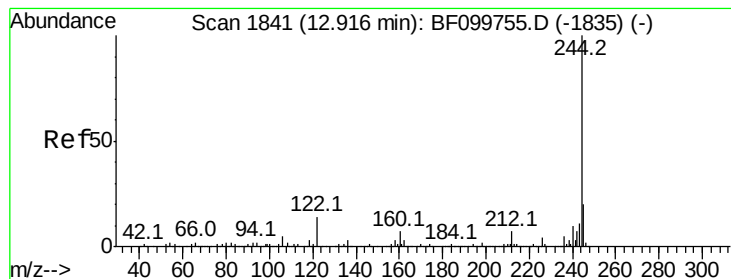


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 45.858 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

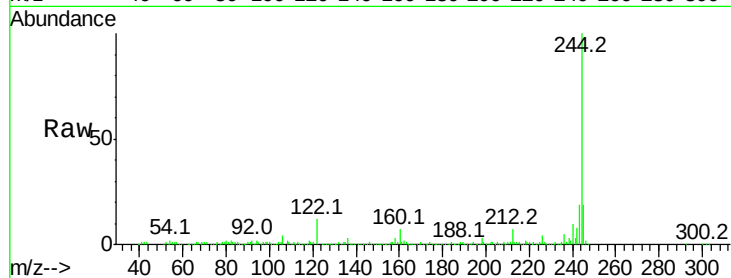
Tot Ion:244 Resp: 356193

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

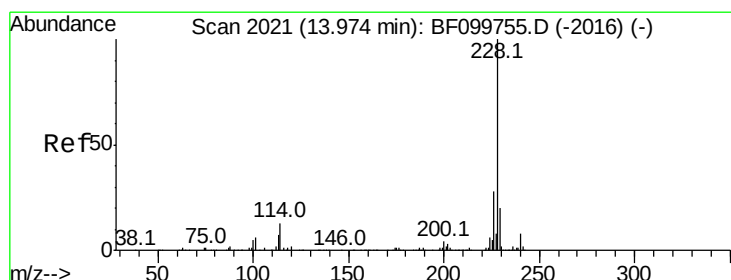
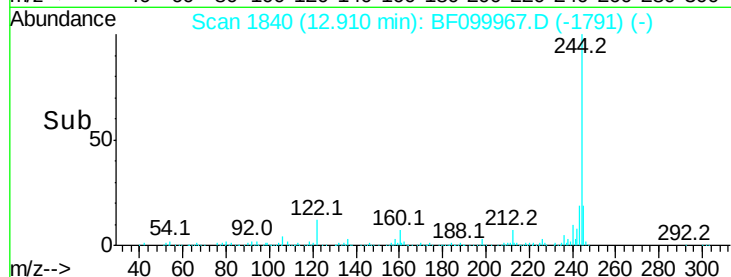
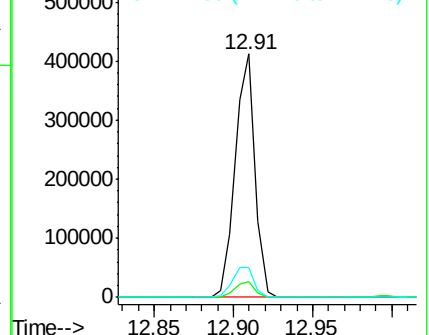
122 12.2 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 60.722 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

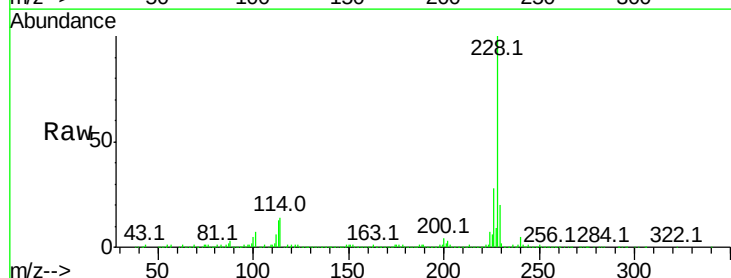
Tgt Ion:228 Resp: 653407

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

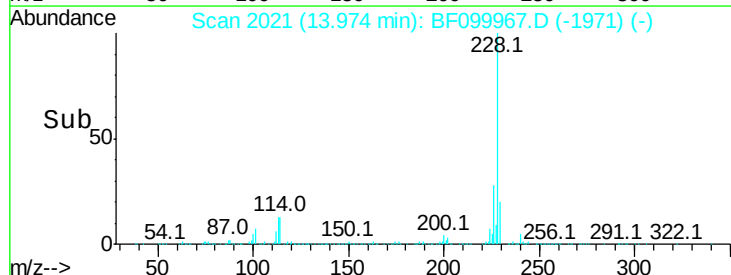
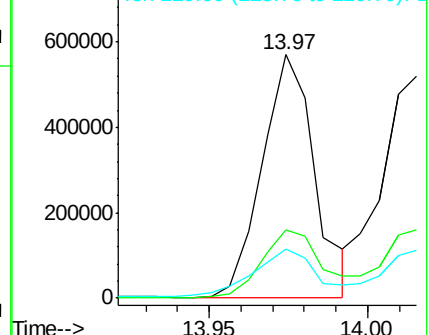
229 20.3 15.8 23.6

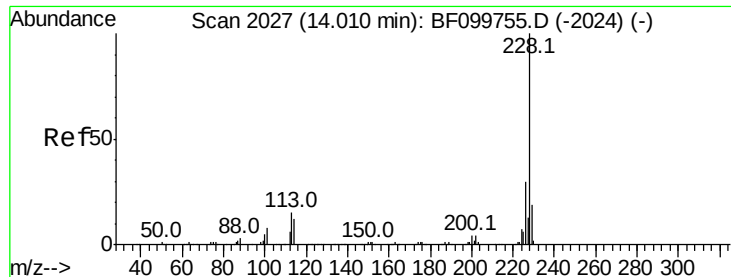


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

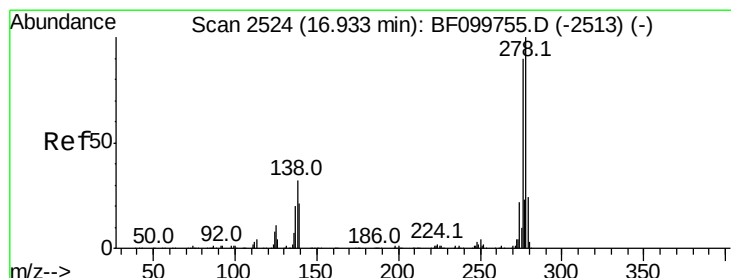
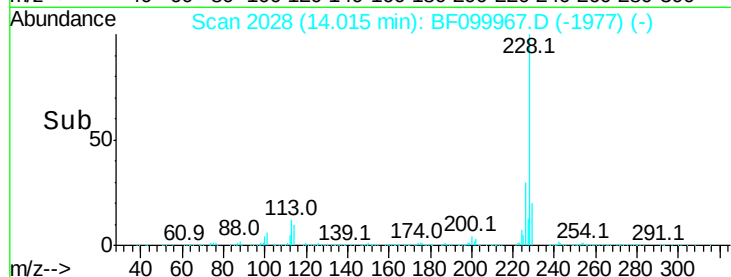
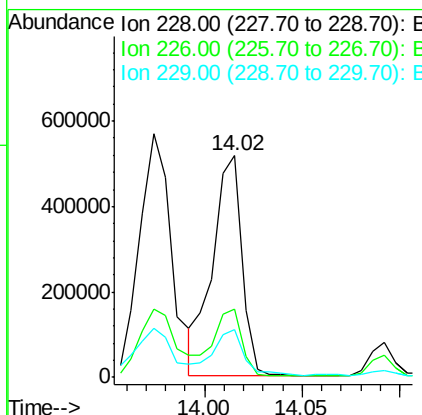
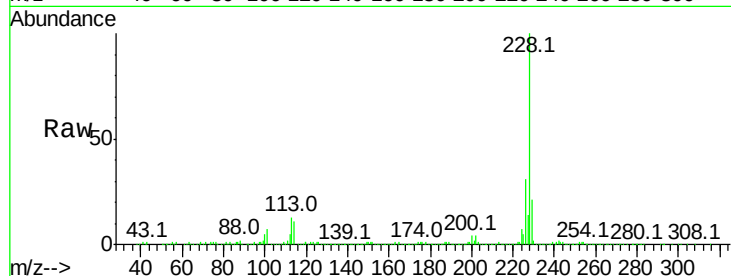




#82
Chrysene
Concen: 53.954 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

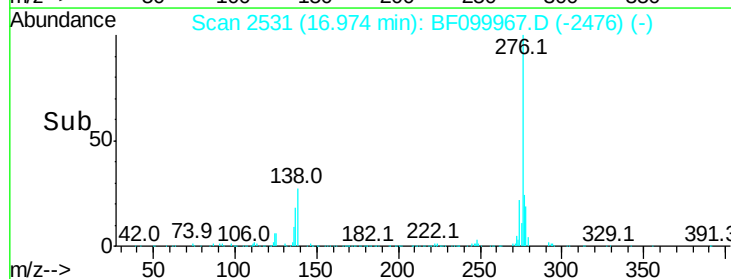
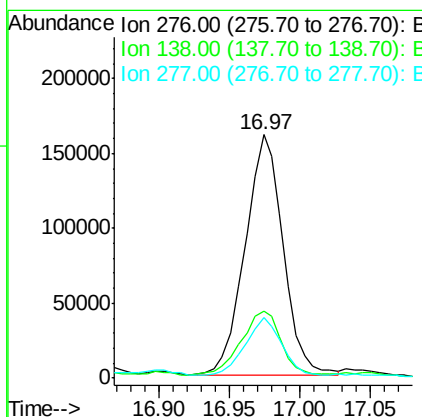
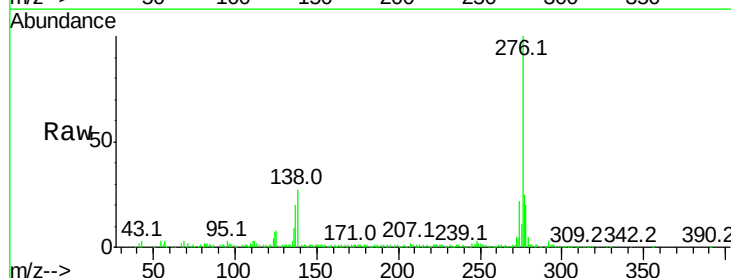
Instrument :
BNA_F
ClientSampleId :

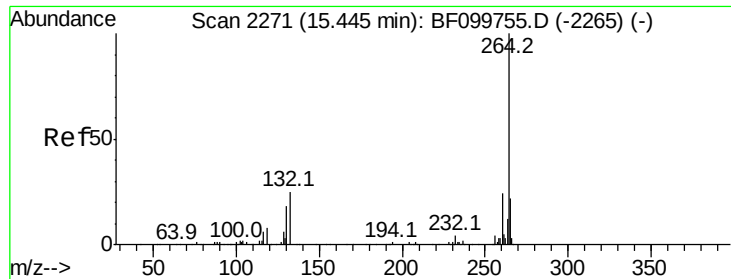
Tot Ion:228 Resp: 545822
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 21.4 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 32.622 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:276 Resp: 302959
Ion Ratio Lower Upper
276 100
138 28.0 25.0 37.6
277 22.9 20.1 30.1



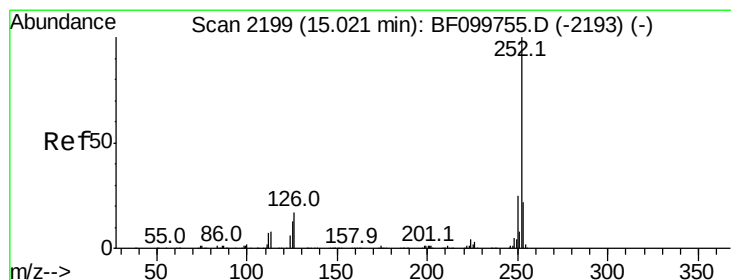
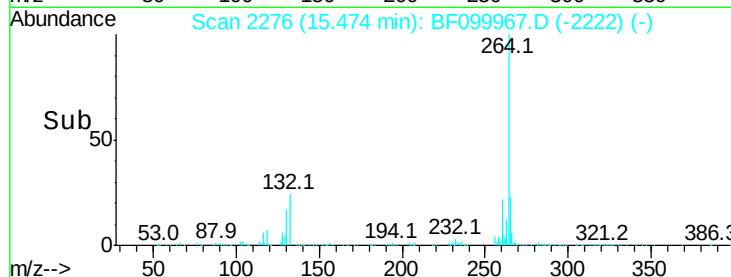
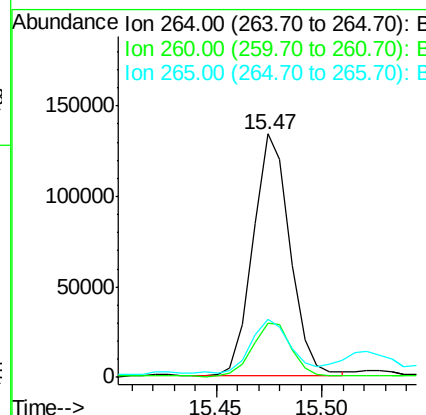
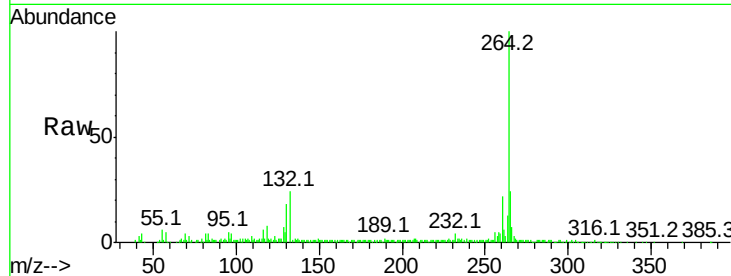


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 162446

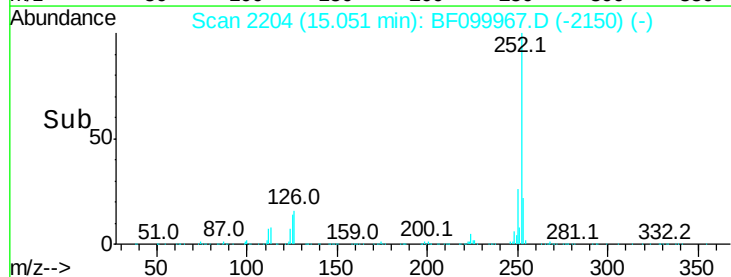
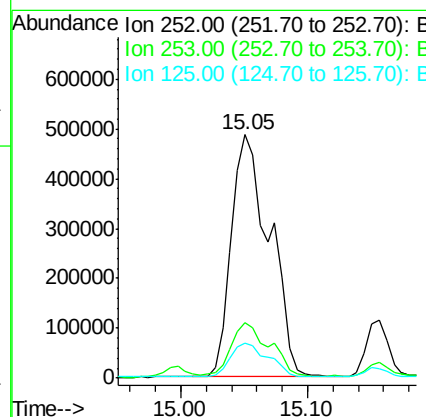
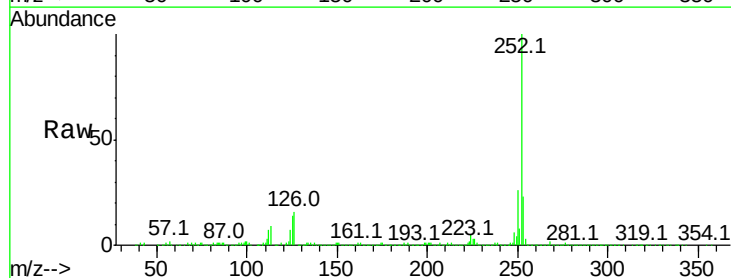
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	23.9	17.5	26.3

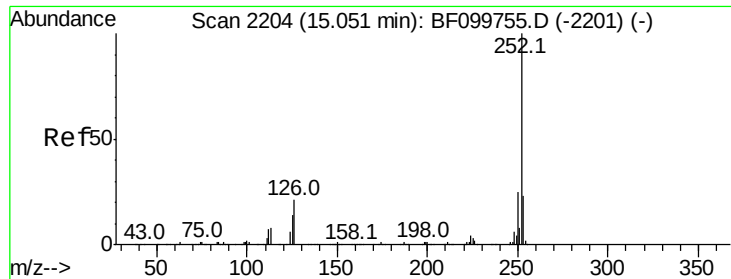


#87
Benzo(b)fluoranthene
Concen: 99.085 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:252 Resp: 1016381

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.4	9.0	13.6

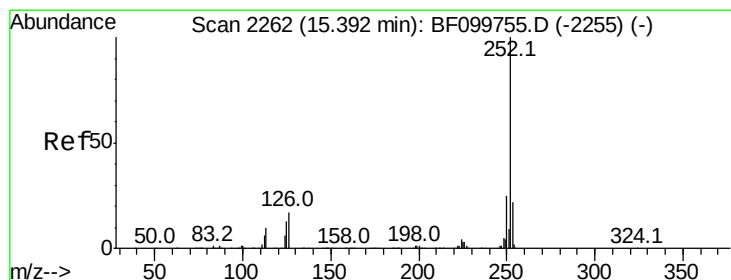
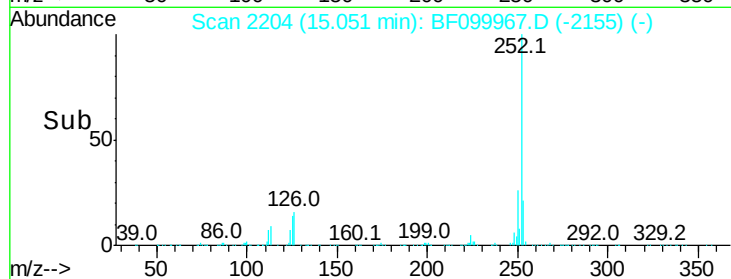
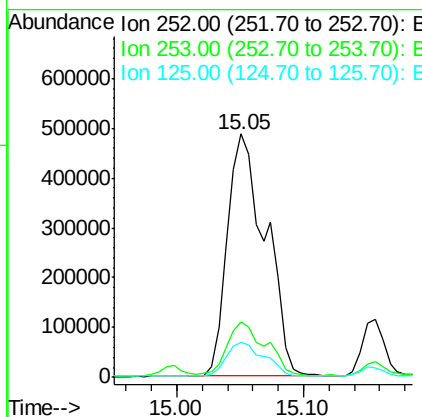
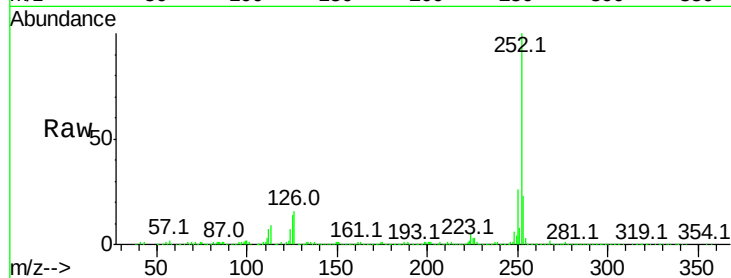




#88
Benzo(k)fluoranthene
Concen: 105.078 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

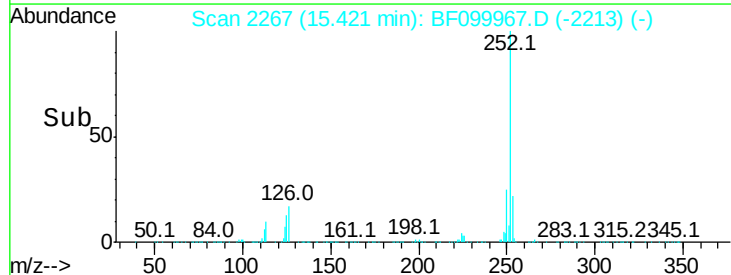
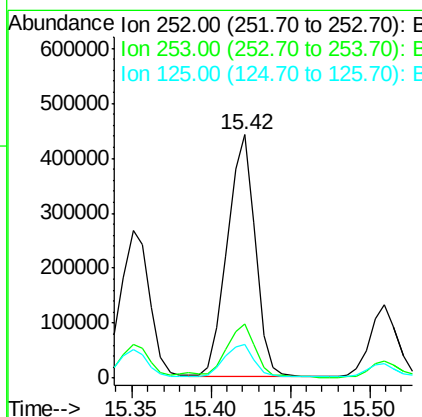
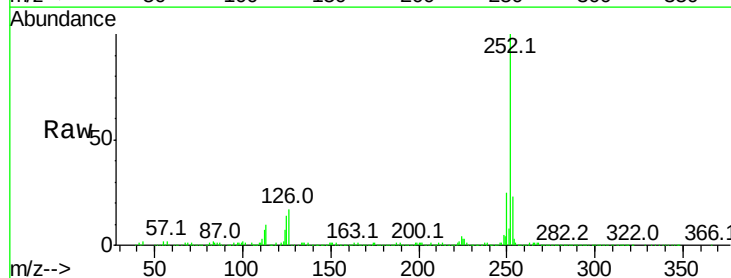
Instrument :
BNA_F
ClientSampleId :

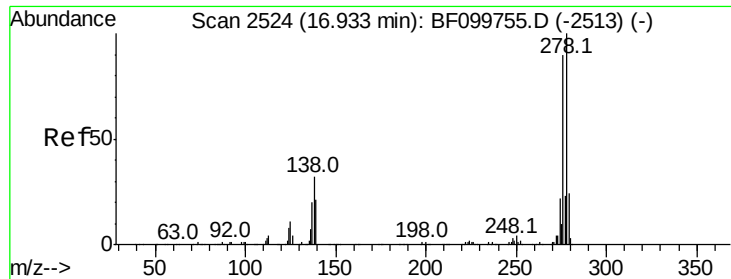
Tot Ion:252 Resp: 1016381
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 14.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 58.925 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:252 Resp: 542954
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 13.9 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.683 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.25 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

Instrument :

BNA_F

ClientSampleId :

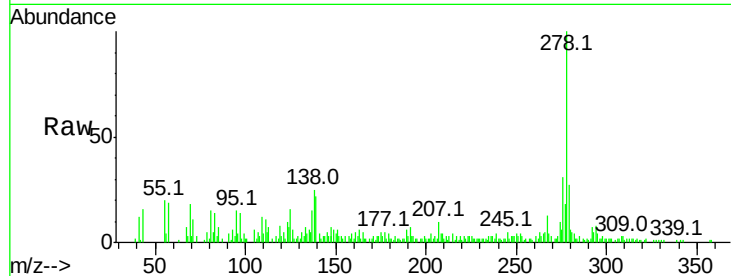
Tot Ion:278 Resp: 38341

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

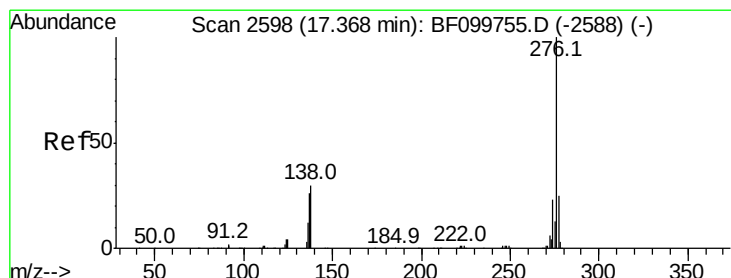
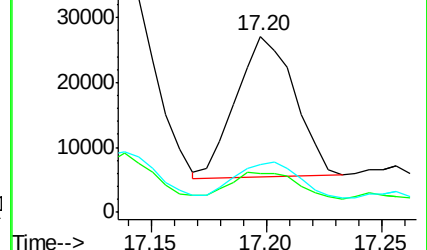
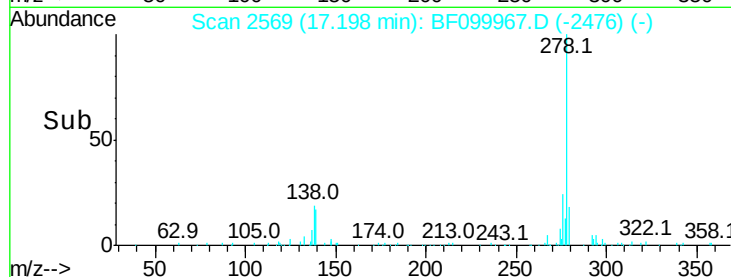
279 26.8 19.0 28.4



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(g,h,i)perylene

Concen: 33.086 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.03 min

Lab File: BF099967.D

Acq: 30 Oct 2017 18:37

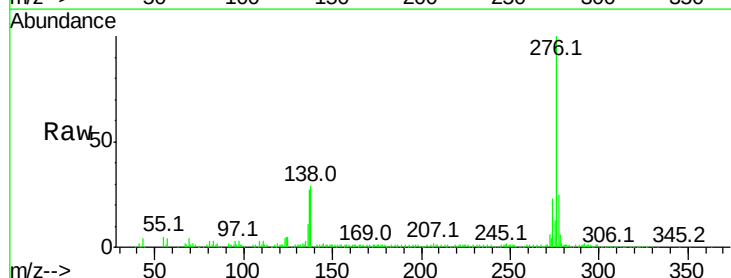
Tgt Ion:276 Resp: 265031

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 28.6 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

