

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF112004.D
 Acq On : 10 Jan 2019 22:55
 Operator : JU/SJ
 Sample : K1071-05 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:55:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88581	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	293361	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	133837	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	263859	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	209163	20.00	ng	-0.01
87) Perylene-d12	15.53	264	154316	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	293056	56.60	ng	-0.02
7) Phenol-d6	6.51	99	366993	54.99	ng	-0.02
23) Nitrobenzene-d5	7.43	82	206760	37.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	87020	49.99	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	282449	30.77	ng	-0.02
79) Terphenyl-d14	12.99	244	322367	29.26	ng	-0.01

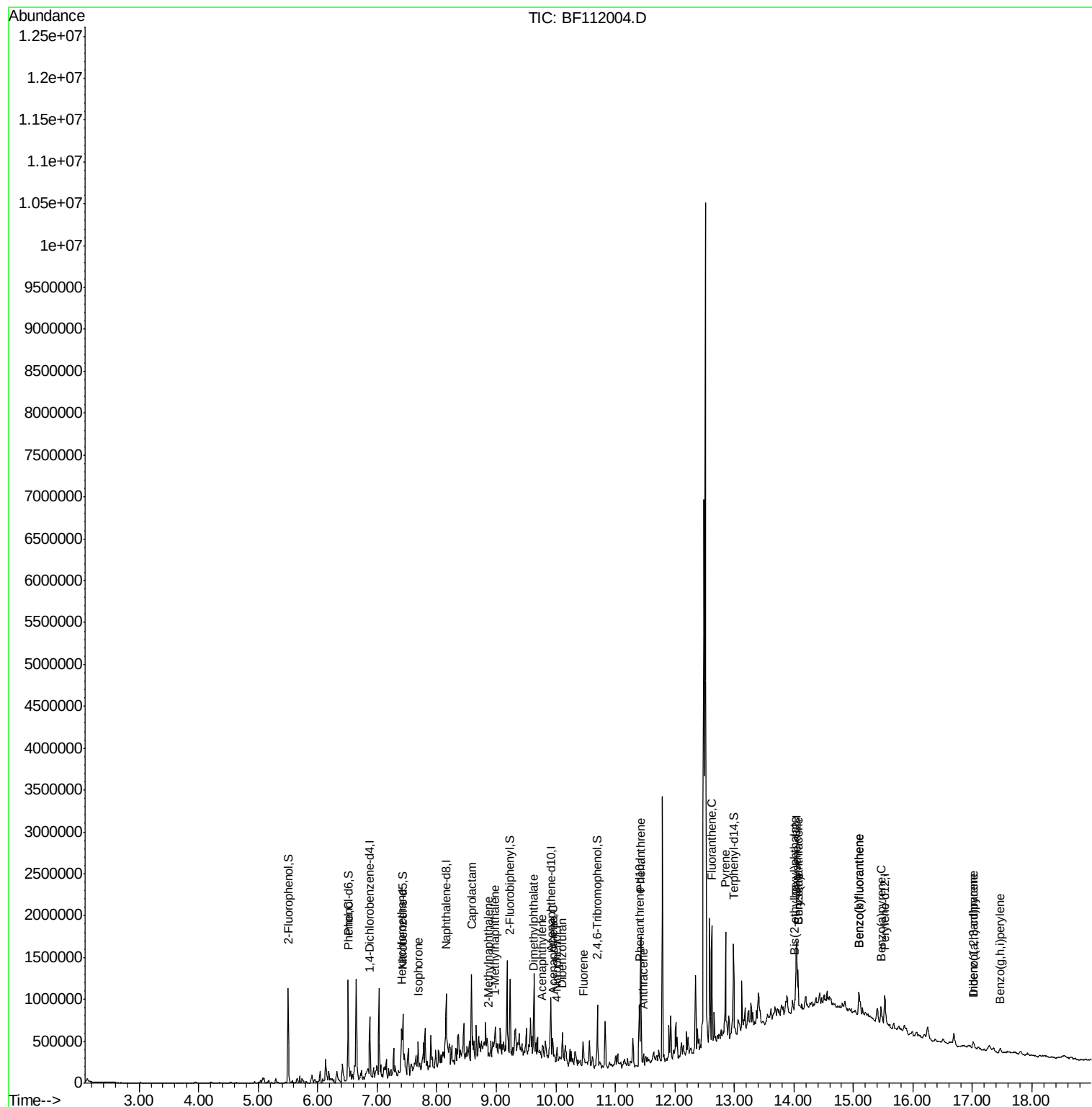
Target Compounds				Qvalue		
9) Benzaldehyde	6.42	77	2455	Below Cal	#	1
10) Phenol	6.52	94	18214	2.511 ng		95
18) Hexachloroethane	7.41	117	16258	6.885 ng	#	1
25) Isophorone	7.69	82	17928	2.017 ng	#	1
35) Caprolactam	8.59	113	22794	15.348 ng	#	44
37) 2-Methylnaphthalene	8.87	142	20839	2.415 ng		92
38) 1-Methylnaphthalene	8.97	142	22023	2.661 ng	#	99
49) Acenaphthylene	9.77	152	26236	2.020 ng	#	84
50) Dimethylphthalate	9.62	163	43255	4.302 ng	#	92
52) Acenaphthene	9.95	154	38571	4.606 ng		99
55) Dibenzofuran	10.12	168	48970	4.021 ng	#	85
56) 4-Nitrophenol	10.02	139	6039	3.550 ng	#	42
58) Fluorene	10.46	166	64266	7.252 ng		98
71) Phenanthrene	11.43	178	542631	38.465 ng		99
72) Anthracene	11.47	178	51939	3.627 ng		96
75) Fluoranthene	12.62	202	537704	37.128 ng		98
78) Pyrene	12.85	202	501278	34.831 ng		99
81) Benzo(a)anthracene	14.07	228	193797	16.099 ng		94
83) Chrysene	14.07	228	193797	16.885 ng		96
84) Bis(2-ethylhexyl)phthalate	14.02	149	37163	4.651 ng	#	92
86) Indeno(1,2,3-cd)pyrene	17.02	276	52104	6.227 ng		96
88) Benzo(b)fluoranthene	15.09	252	197888	21.437 ng	#	89
89) Benzo(k)fluoranthene	15.09	252	197888	22.806 ng	#	90
90) Benzo(a)pyrene	15.46	252	96225	11.855 ng	#	88
91) Dibenzo(a,h)anthracene	17.03	278	13342	2.044 ng	#	49
92) Benzo(g,h,i)perylene	17.47	276	46941	7.352 ng		95

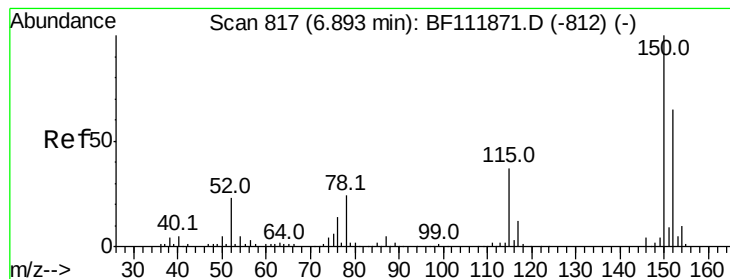
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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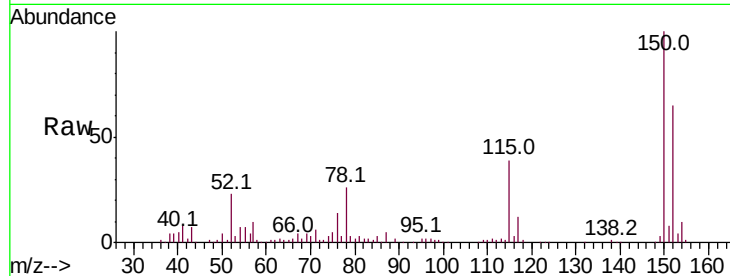


#1

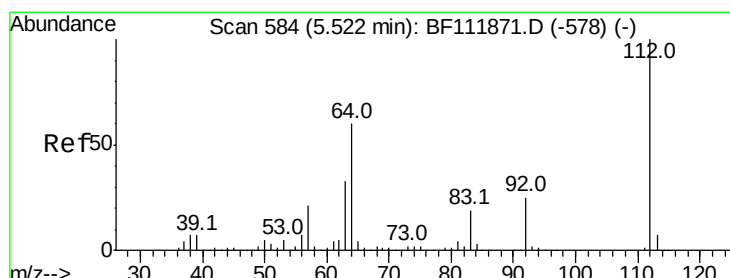
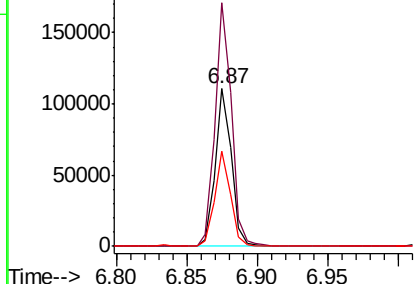
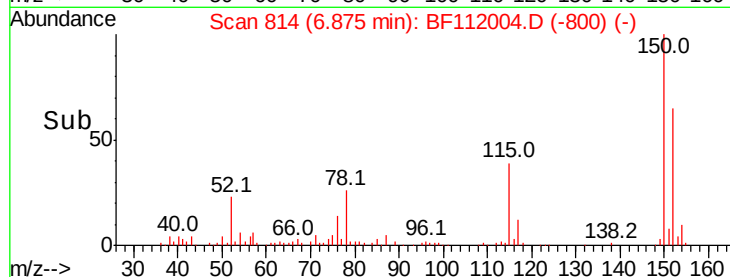
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88581
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 60.4 45.2 67.8



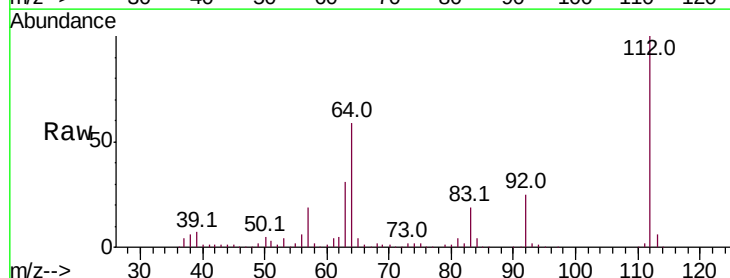
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



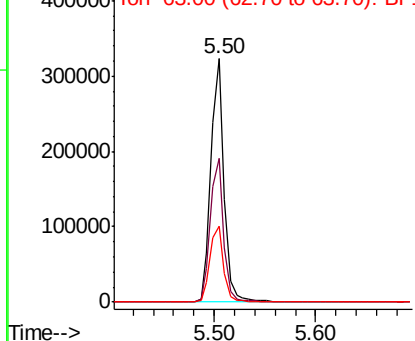
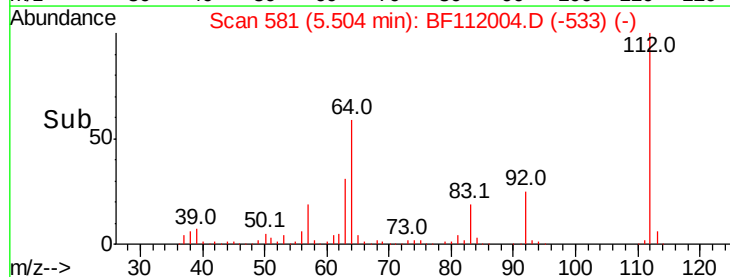
#5

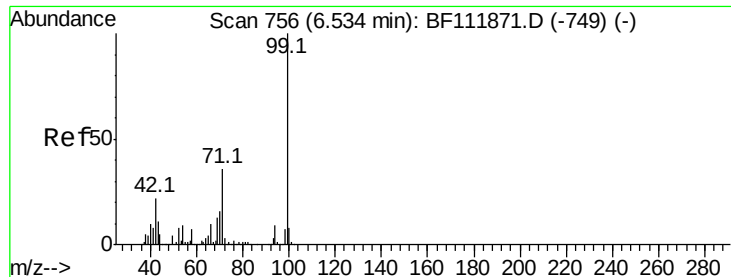
2-Fluorophenol
Concen: 56.600 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion:112 Resp: 293056
Ion Ratio Lower Upper
112 100
64 58.8 48.3 72.5
63 31.3 26.1 39.1



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: 54.993 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

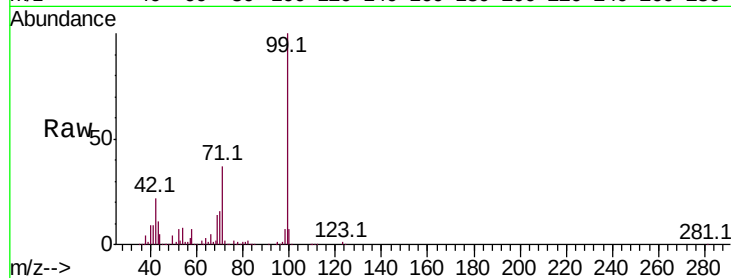
Tot Ion: 99 Resp: 366993

Ion Ratio Lower Upper

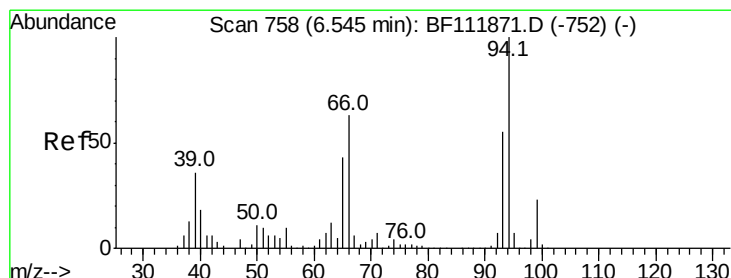
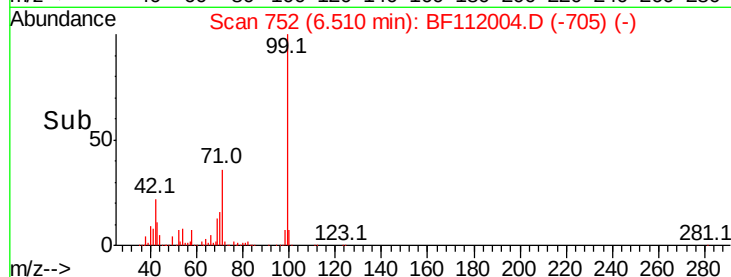
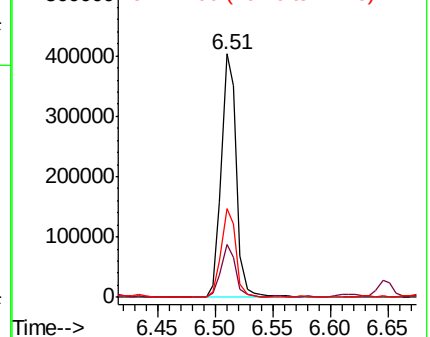
99 100

42 21.8 17.9 26.9

71 36.6 28.7 43.1



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



#10

Phenol

Concen: 2.511 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

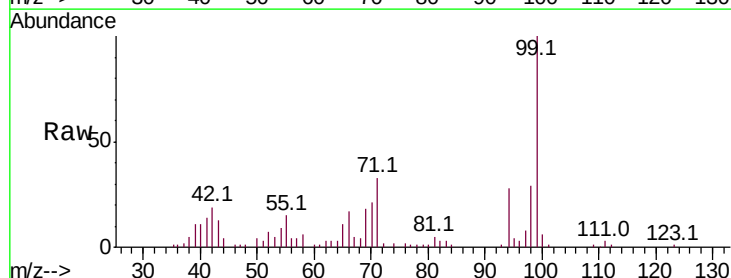
Tgt Ion: 94 Resp: 18214

Ion Ratio Lower Upper

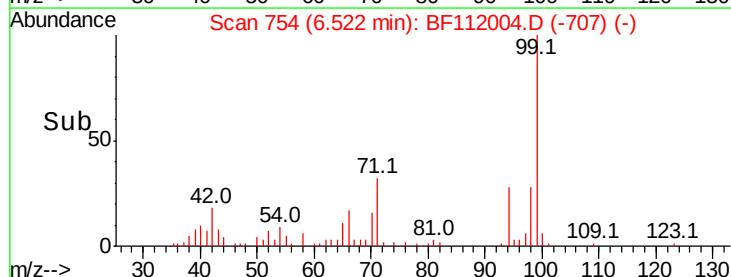
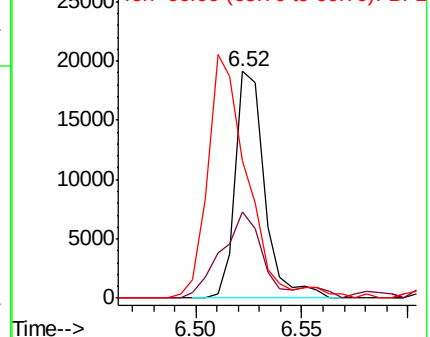
94 100

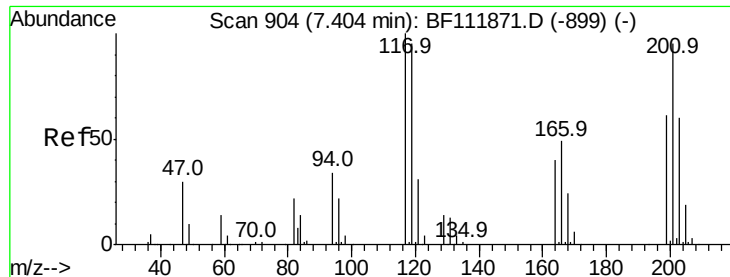
65 38.1 22.8 62.8

66 60.7 43.3 83.3



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





#18

Hexachloroethane

Concen: 6.885 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

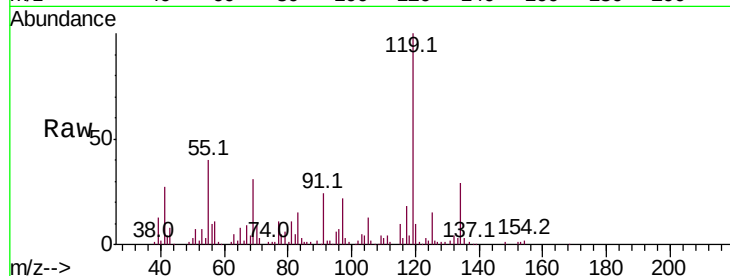
Tot Ion:117 Resp: 16258

Ion Ratio Lower Upper

117 100

119 544.8 76.2 114.2#

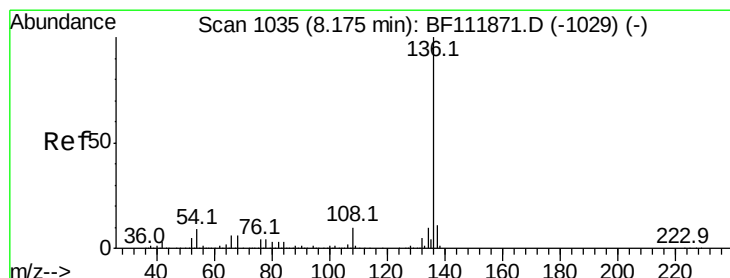
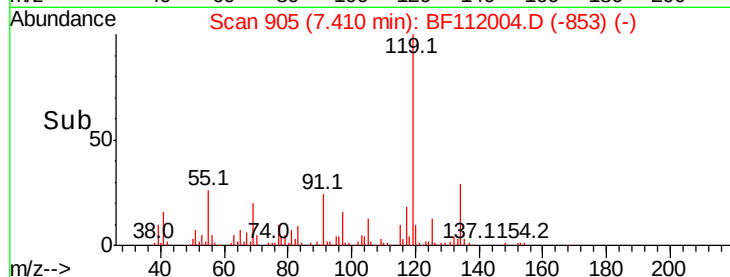
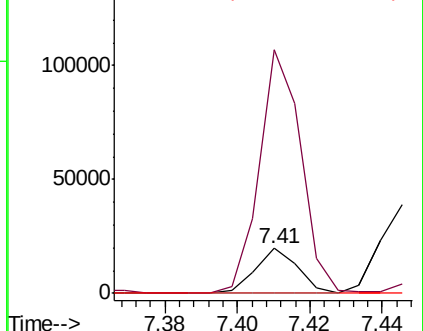
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Tgt Ion:136 Resp: 293361

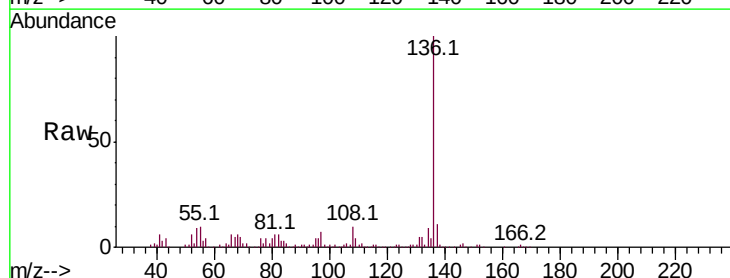
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.2 7.2 10.8

68 6.1 4.4 6.6

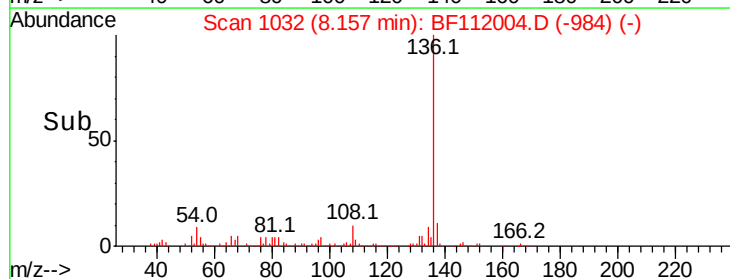
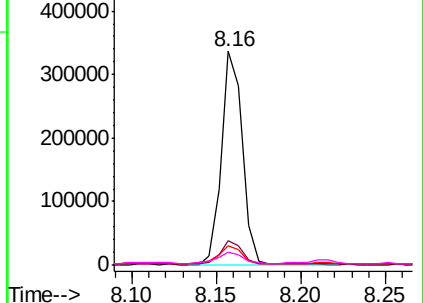


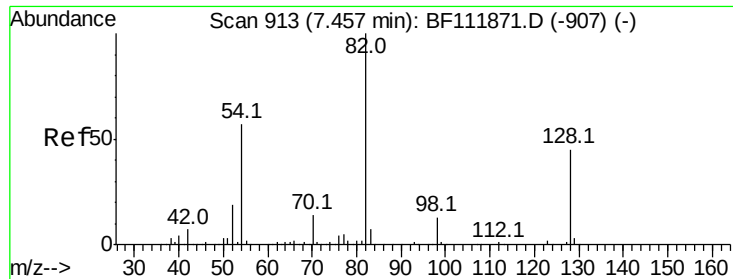
Abundance Ion 136.00 (135.70 to 136.70): E

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

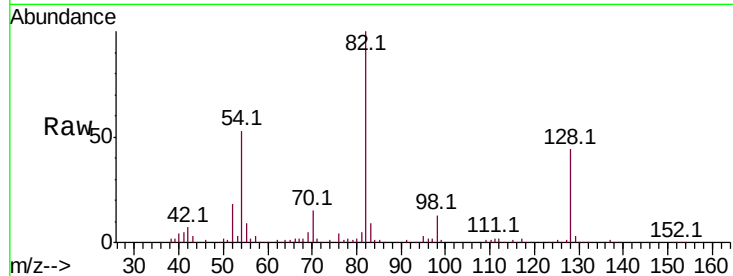




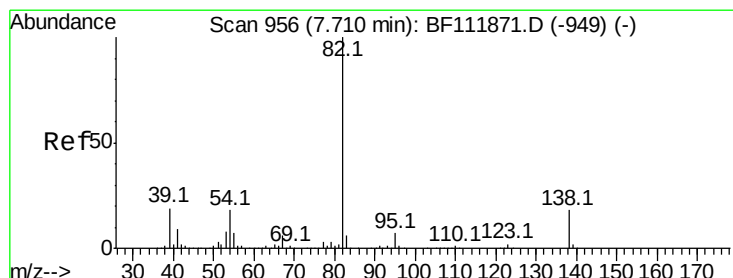
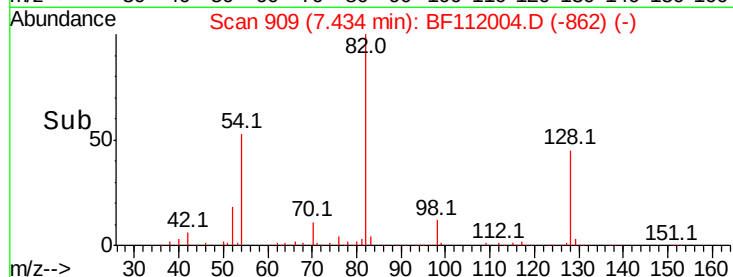
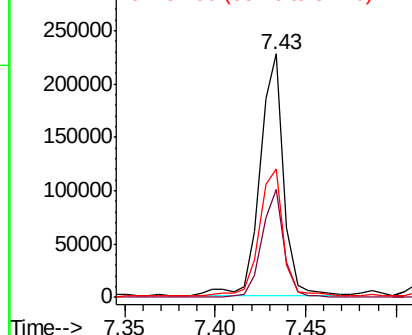
#23
 Nitrobenzene-d5
 Concen: 37.668 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	206760
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.7	53.5
54	53.0	45.8	68.8

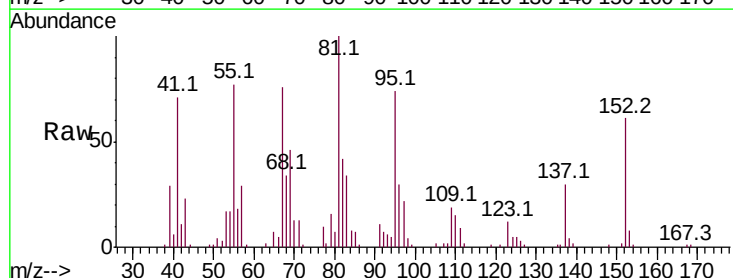


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

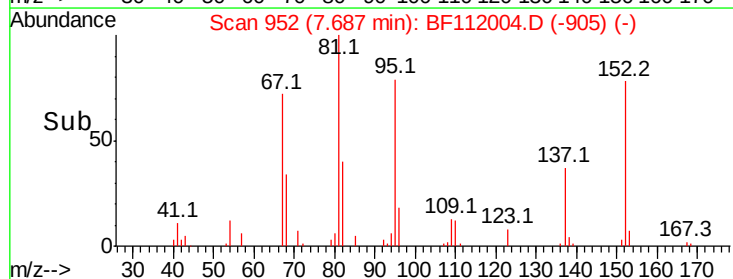
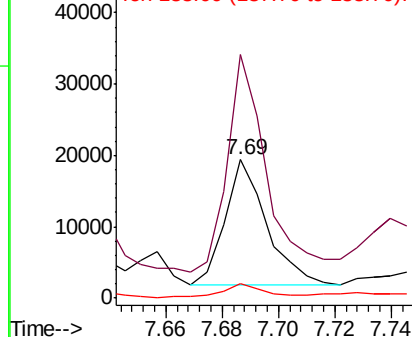


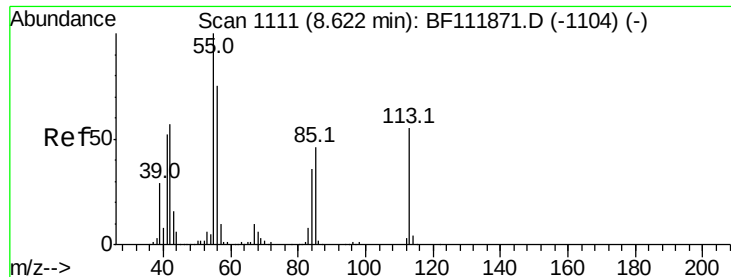
#25
 Isophorone
 Concen: 2.017 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Tgt Ion	82	Resp	17928
Ion Ratio	Lower	Upper	
82	100		
95	176.1	5.8	8.6#
138	10.3	14.4	21.6#



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

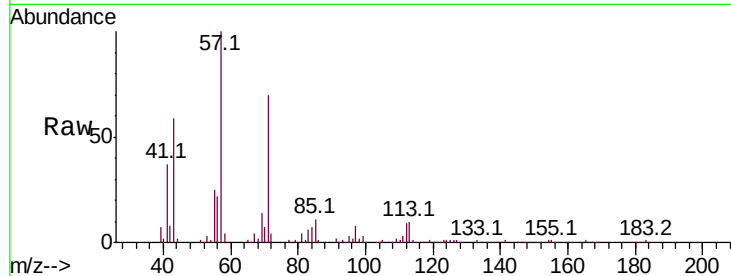




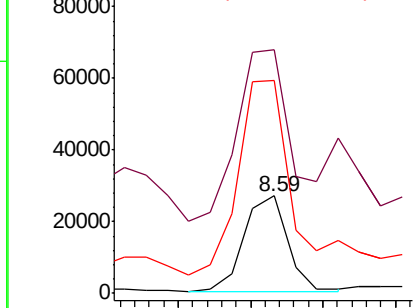
#35
 Caprolactam
 Concen: 15.348 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.04 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :

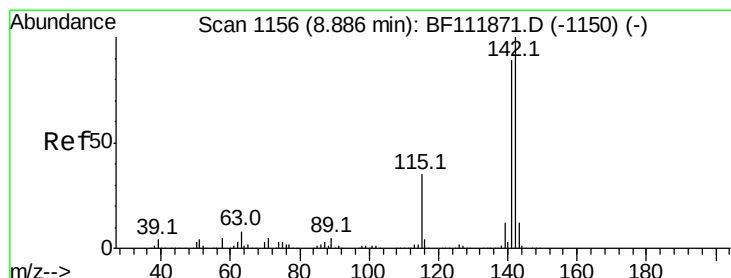
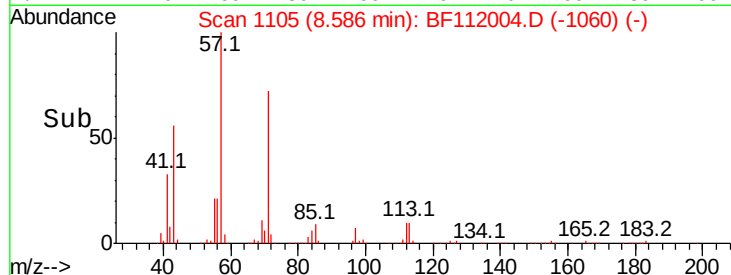
Tot Ion:113 Resp: 22794
 Ion Ratio Lower Upper
 113 100
 55 249.4 162.0 202.0#
 56 217.4 116.0 156.0#



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

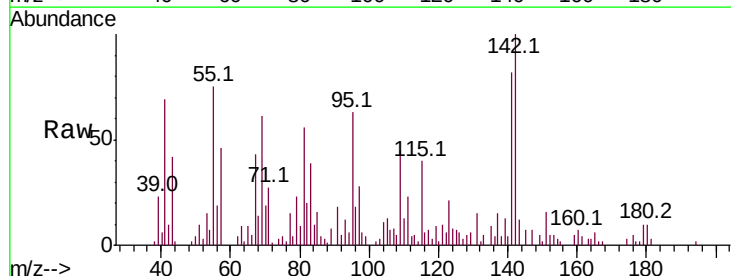


Time-->

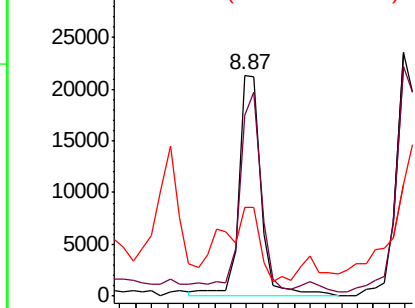


#37
 2-Methylnaphthalene
 Concen: 2.415 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

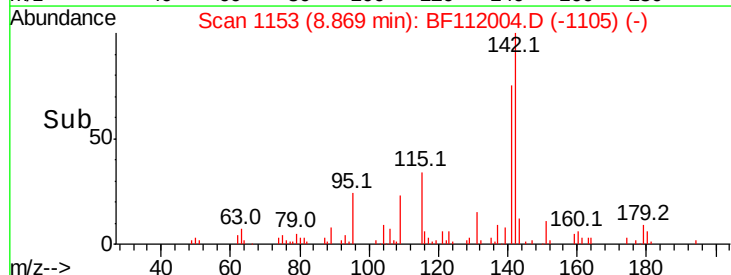
Tgt Ion:142 Resp: 20839
 Ion Ratio Lower Upper
 142 100
 141 81.9 71.4 107.2
 115 40.1 28.3 42.5

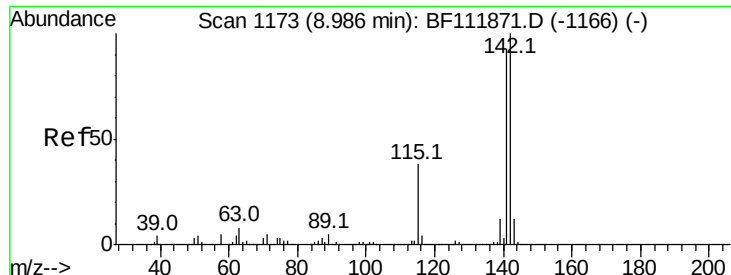


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



Time-->

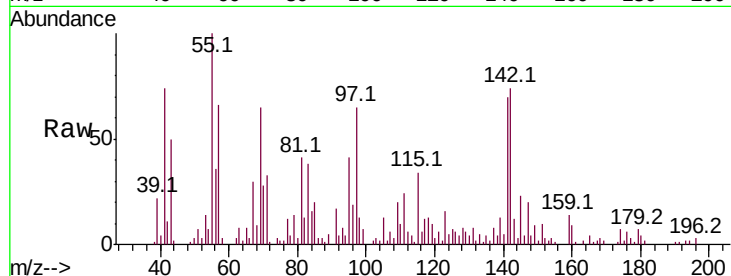




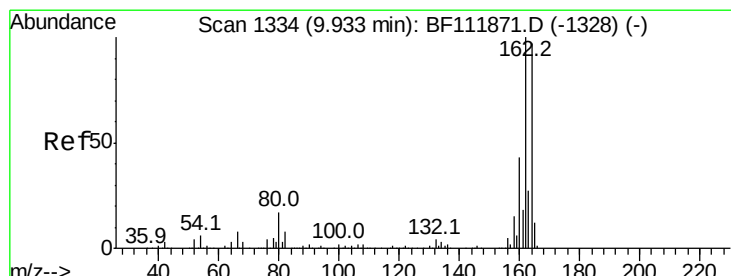
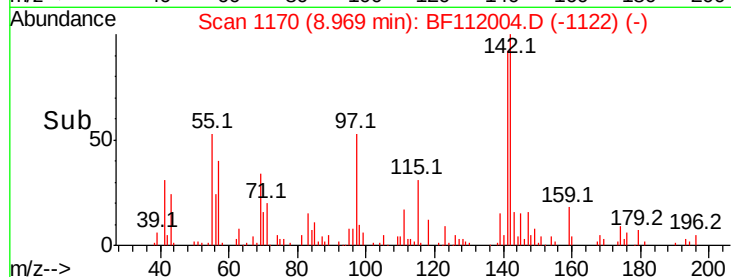
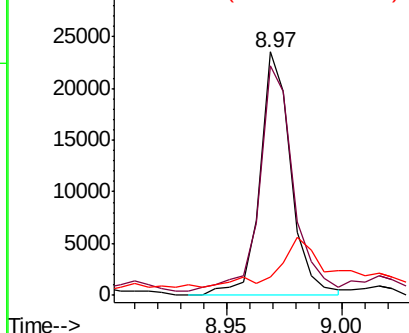
#38
1-Methylnaphthalene
Concen: 2.661 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 22023
Ion Ratio Lower Upper
142 100
141 94.2 74.8 112.2
116 7.8 3.1 4.7#

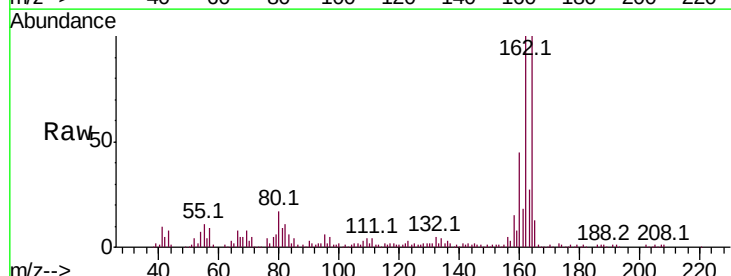


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

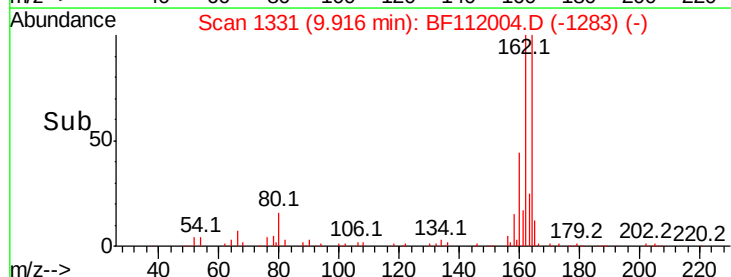
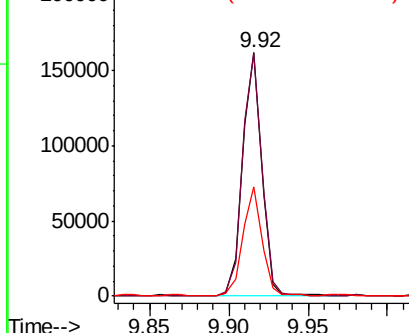


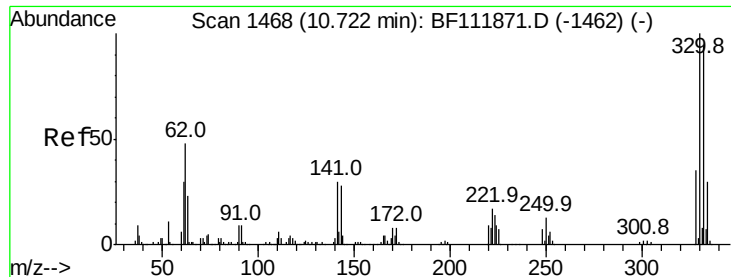
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion:164 Resp: 133837
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 44.7 35.5 53.3



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

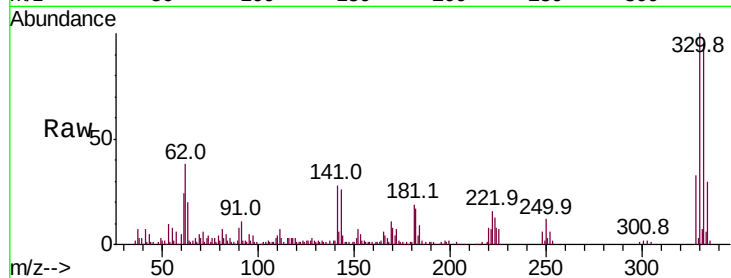




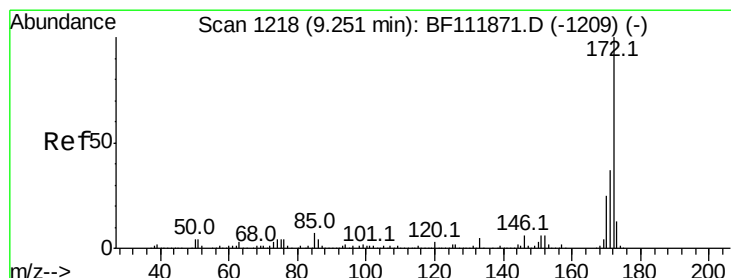
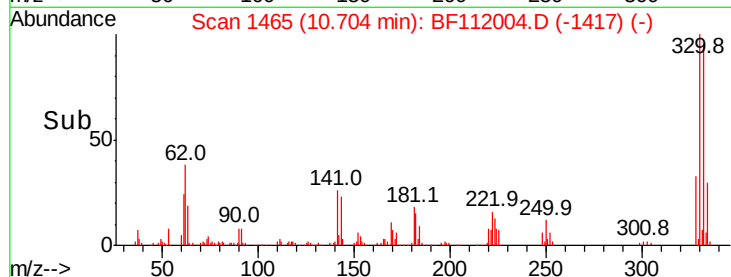
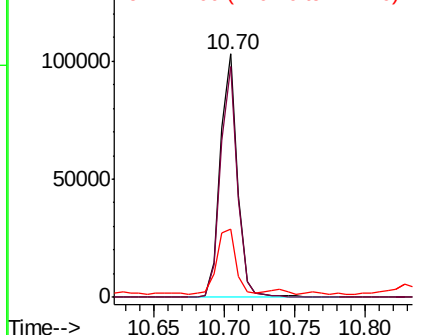
#42
 2,4,6-Tribromophenol
 Concen: 49.988 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 87020
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.9 115.3
 141 30.4 23.7 35.5

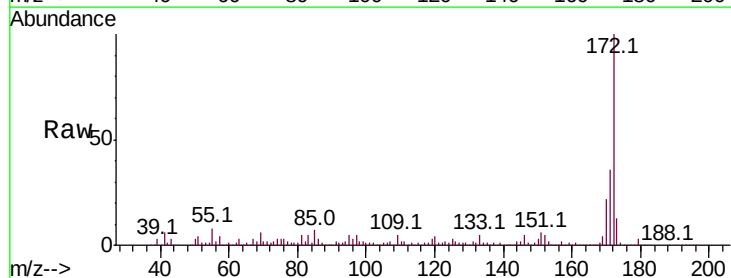


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

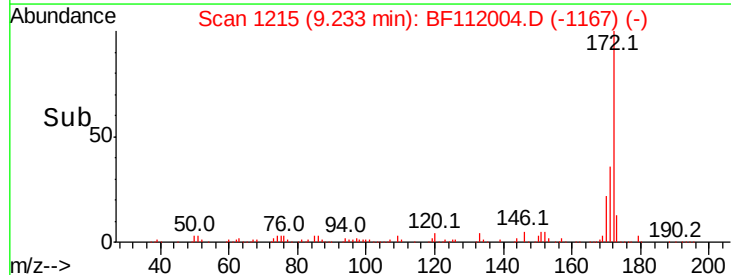
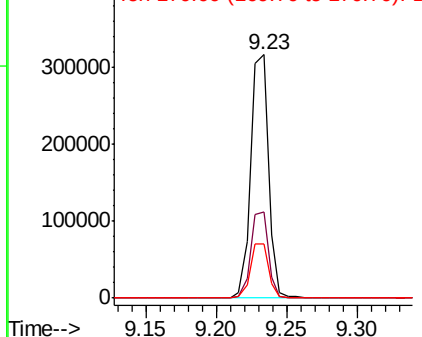


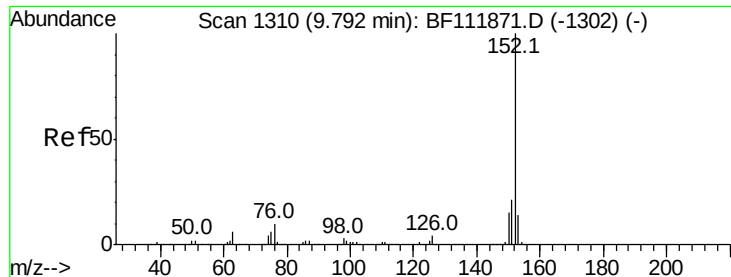
#45
 2-Fluorobiphenyl
 Concen: 30.774 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Tgt Ion:172 Resp: 282449
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 22.3 19.8 29.8



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





#49

Acenaphthylene

Concen: 2.020 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

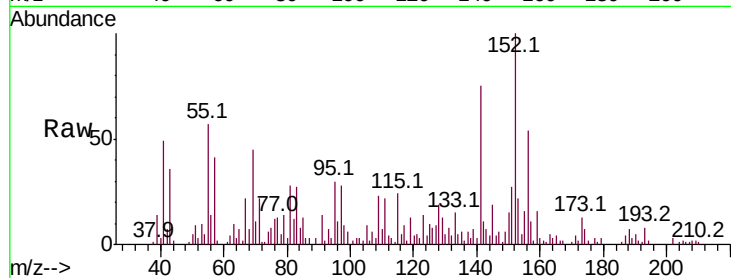
Tot Ion:152 Resp: 26236

Ion Ratio Lower Upper

152 100

151 26.8 16.6 25.0#

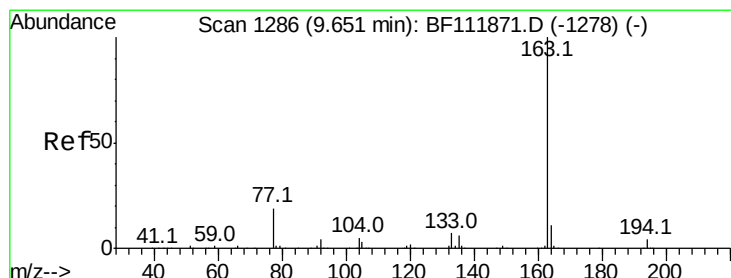
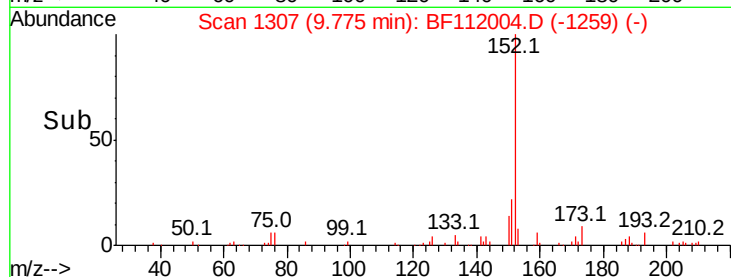
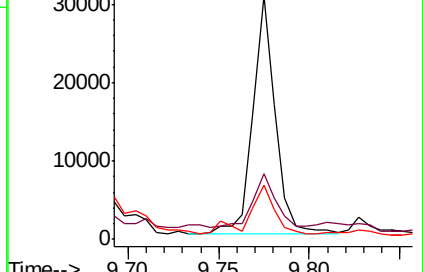
153 22.2 11.0 16.4#



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



#50

Dimethylphthalate

Concen: 4.302 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

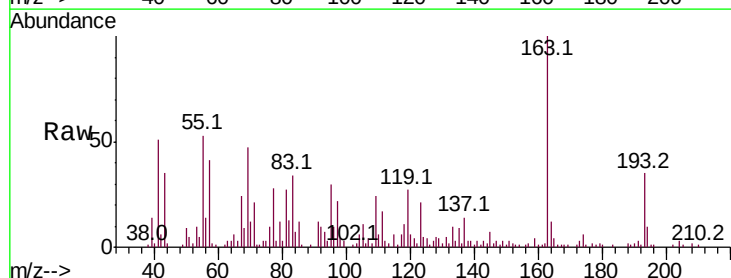
Tgt Ion:163 Resp: 43255

Ion Ratio Lower Upper

163 100

194 9.9 3.4 5.2#

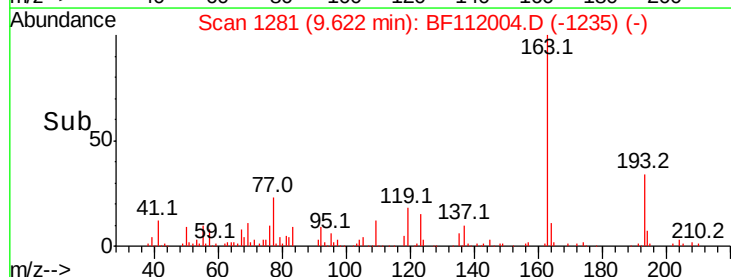
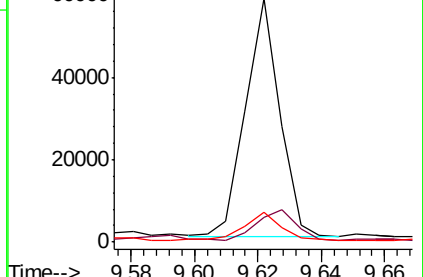
164 12.0 8.5 12.7

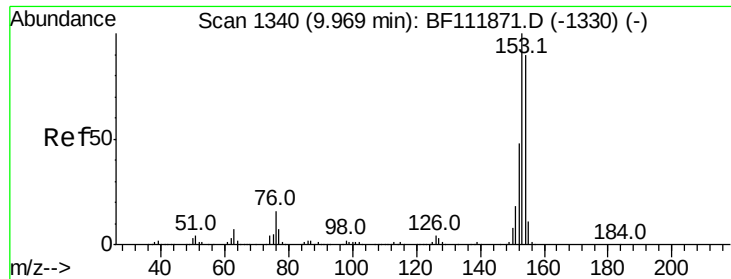


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 4.606 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

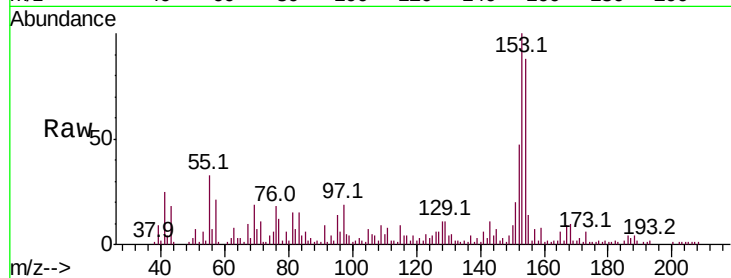
Tot Ion:154 Resp: 38571

Ion Ratio Lower Upper

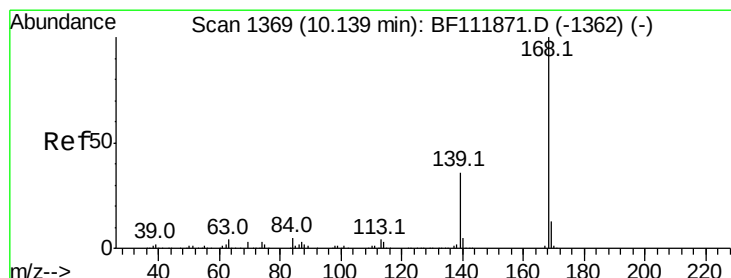
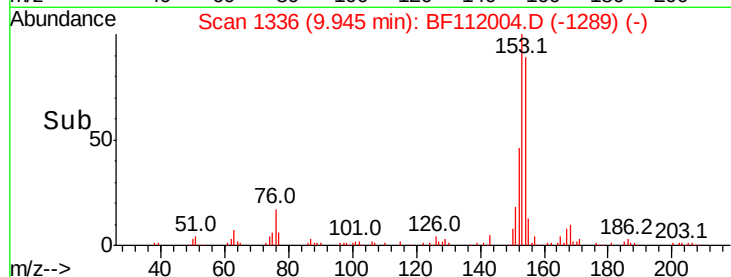
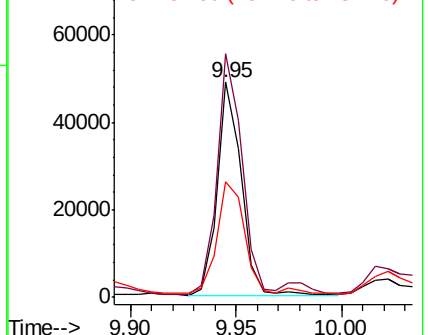
154 100

153 113.3 89.4 134.0

152 53.5 43.1 64.7



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



#55

Dibenzofuran

Concen: 4.021 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

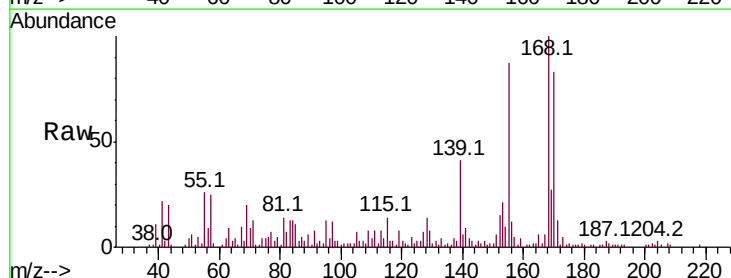
Tgt Ion:168 Resp: 48970

Ion Ratio Lower Upper

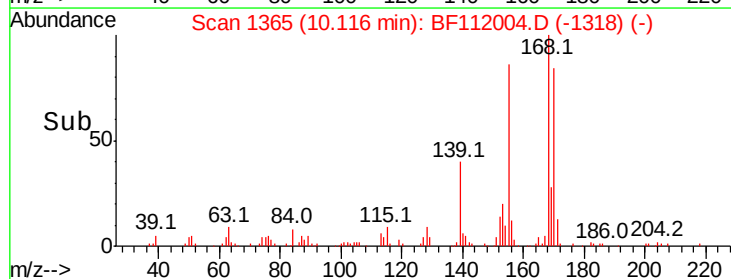
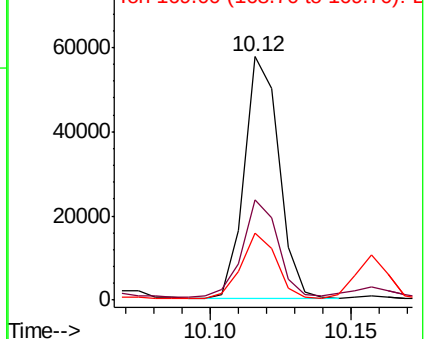
168 100

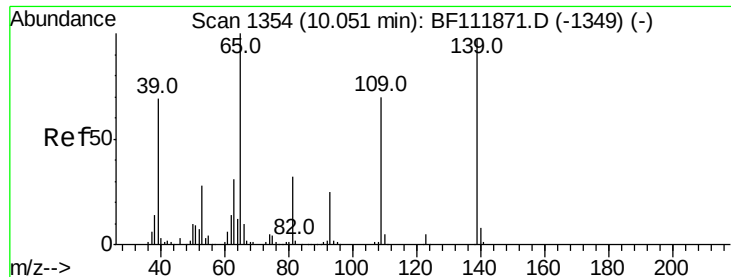
139 41.1 29.3 43.9

169 27.4 10.6 16.0#



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

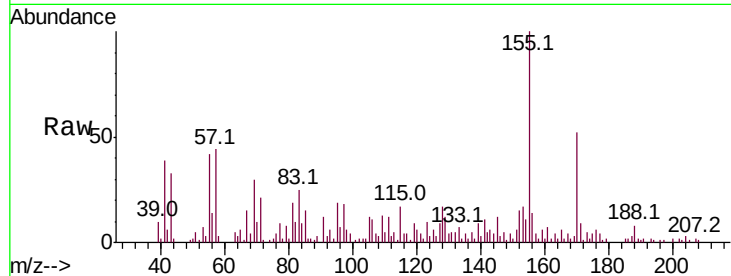




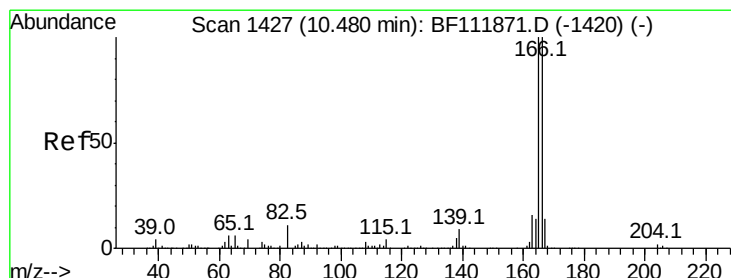
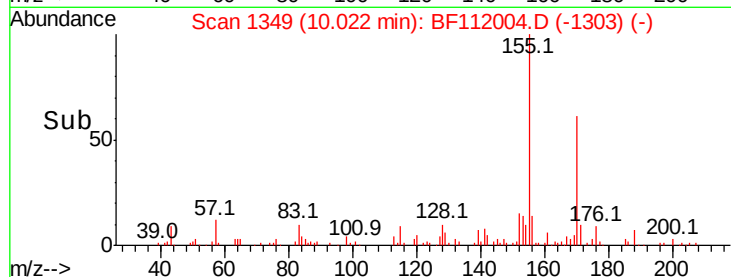
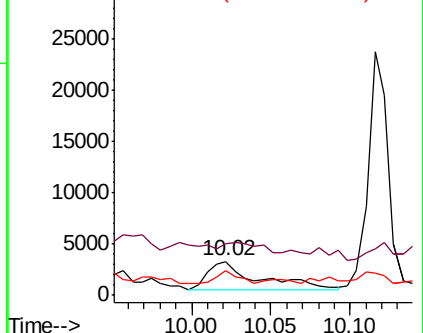
#56
4-Nitrophenol
Concen: 3.550 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.03 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 6039
Ion Ratio Lower Upper
139 100
109 154.1 52.2 92.2#
65 72.1 83.1 123.1#

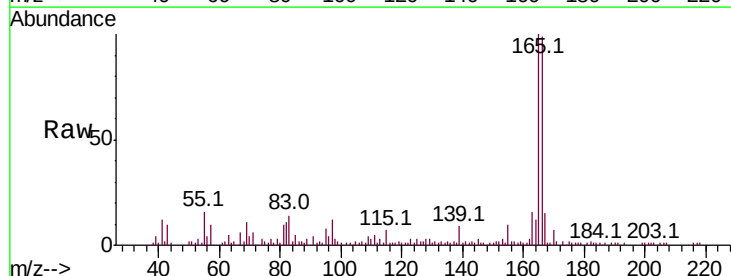


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

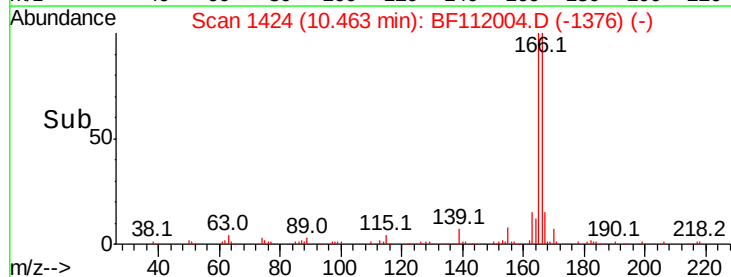
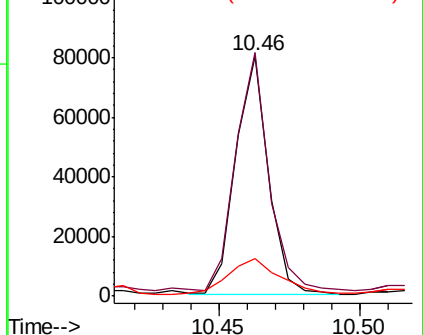


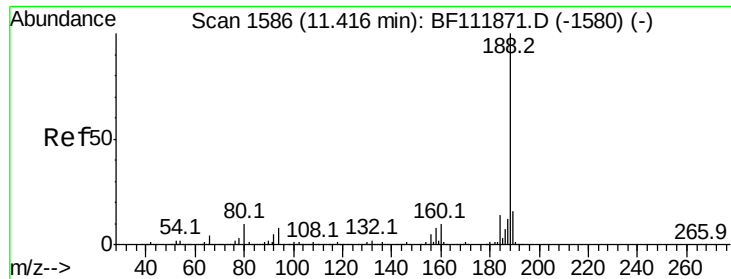
#58
Fluorene
Concen: 7.252 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion:166 Resp: 64266
Ion Ratio Lower Upper
166 100
165 101.5 79.7 119.5
167 15.6 11.1 16.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

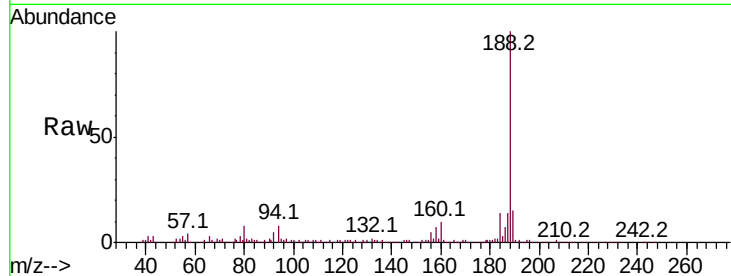
Tot Ion:188 Resp: 263859

Ion Ratio Lower Upper

188 100

94 7.8 6.6 10.0

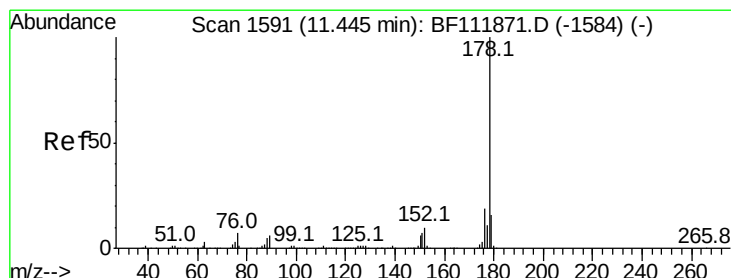
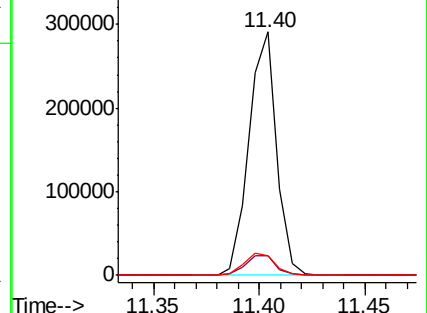
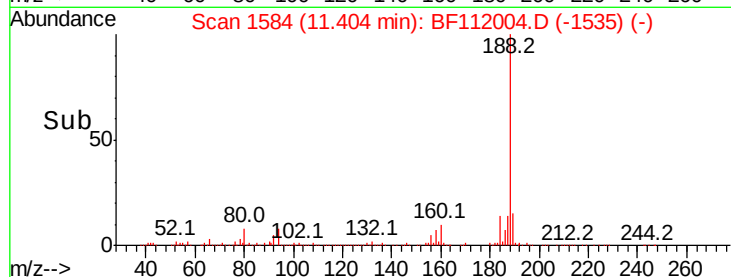
80 8.1 7.7 11.5



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



#71

Phenanthrene

Concen: 38.465 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

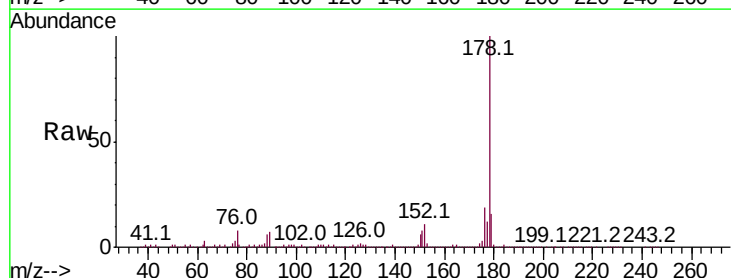
Tgt Ion:178 Resp: 542631

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

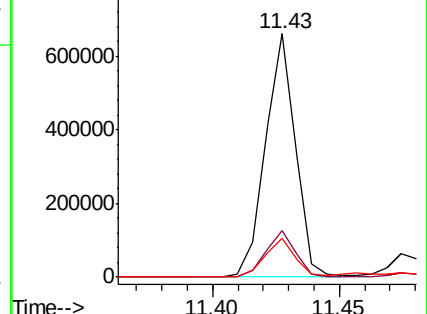
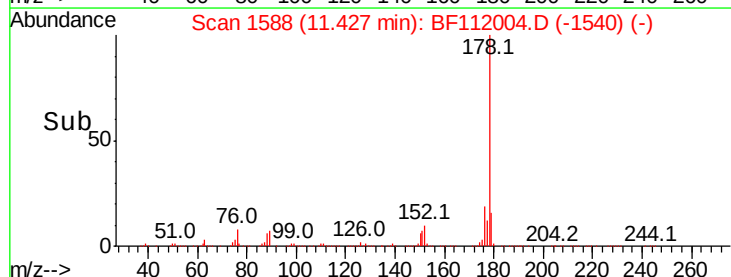
179 16.2 12.6 18.8

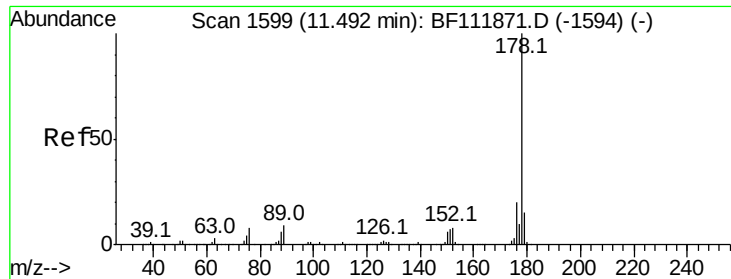


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 3.627 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

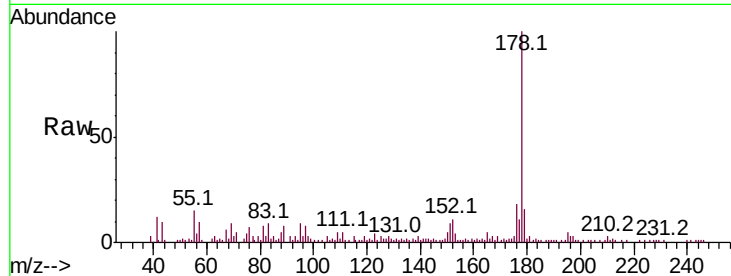
Tot Ion:178 Resp: 51939

Ion Ratio Lower Upper

178 100

176 17.5 15.7 23.5

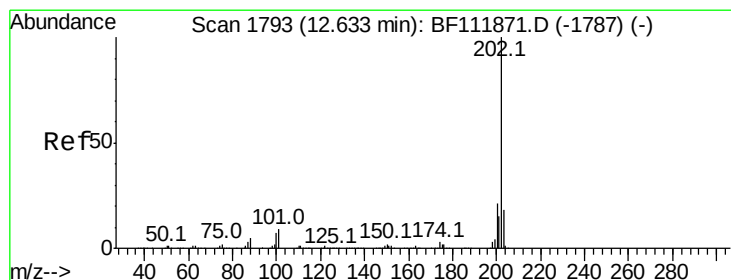
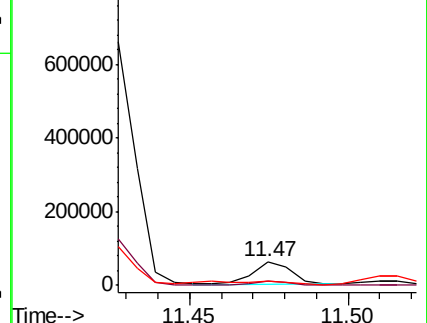
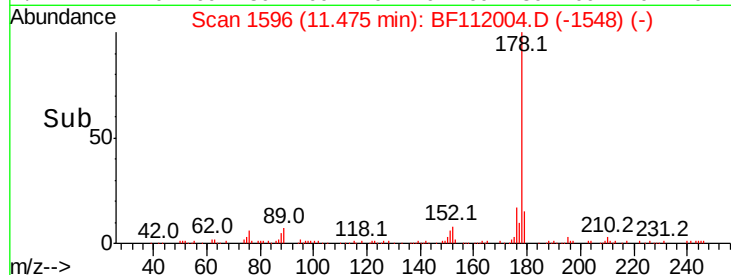
179 16.5 12.4 18.6



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



#75

Fluoranthene

Concen: 37.128 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

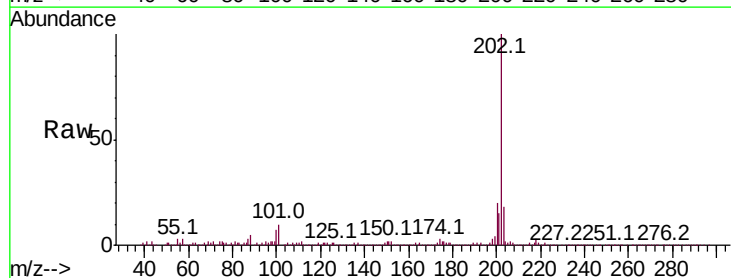
Tgt Ion:202 Resp: 537704

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.3

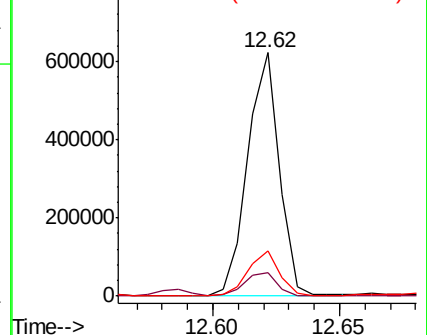
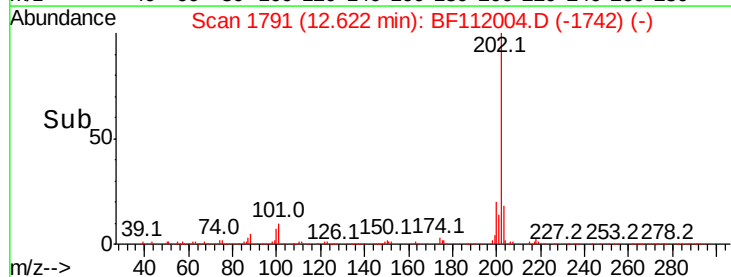
203 18.4 0.0 37.6

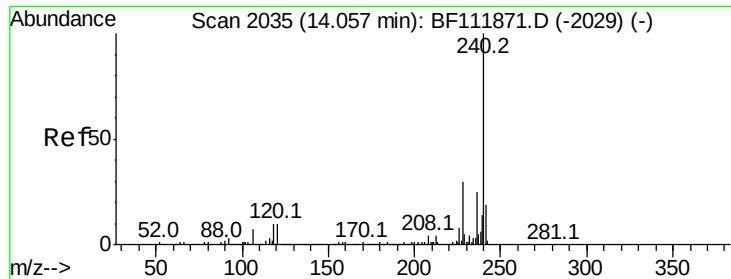


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

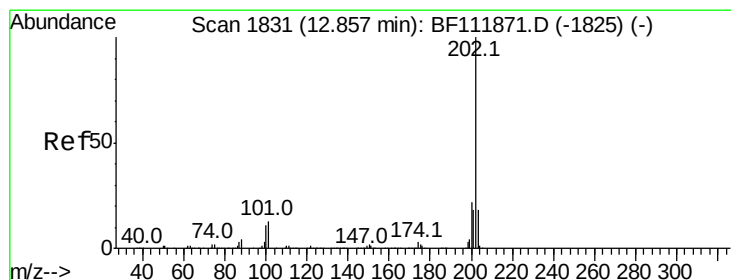
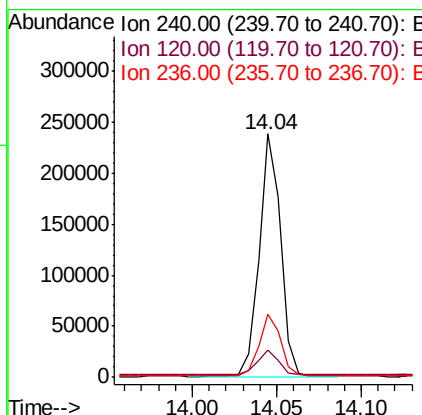
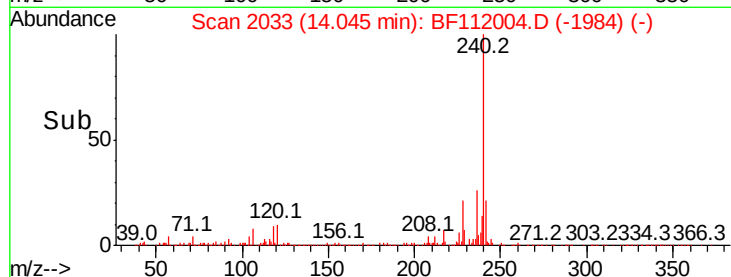
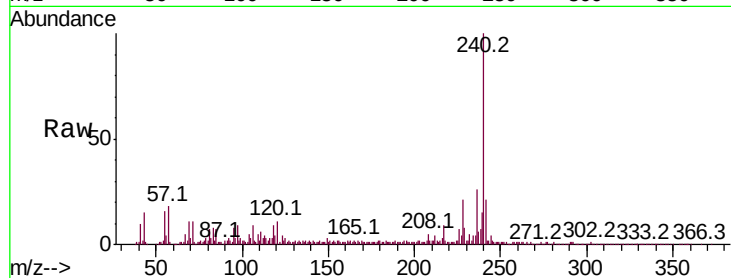




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

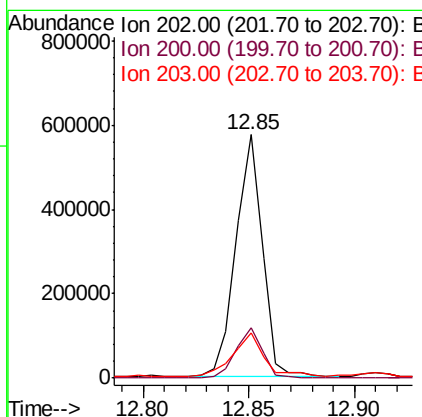
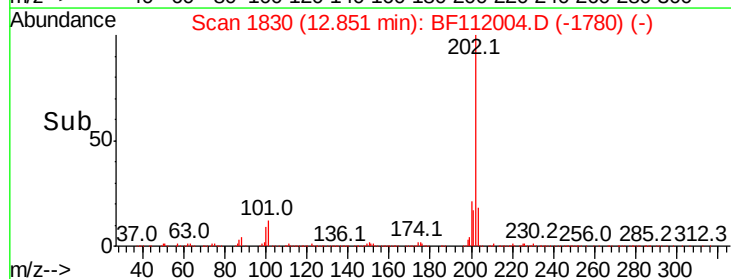
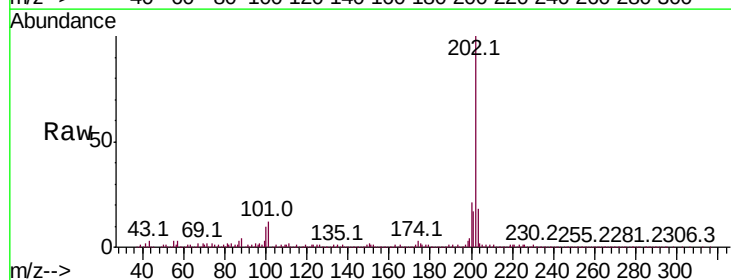
Instrument :
BNA_F
ClientSampleId :

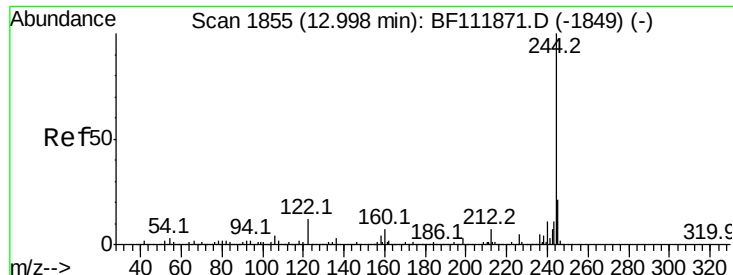
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.2	12.2
236	26.0	20.2	30.4



#78
Pyrene
Concen: 34.831 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.4	14.6	21.8





#79

Terphenyl-d14

Concen: 29.256 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

Instrument :

BNA_F

ClientSampleId :

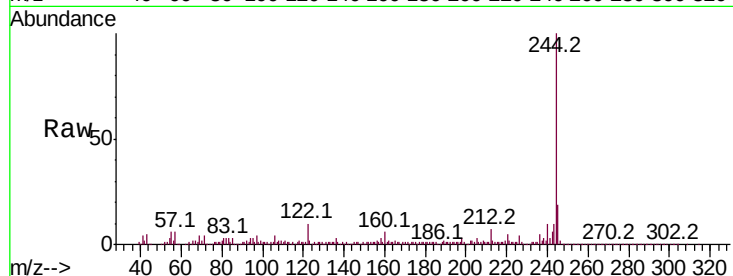
Tot Ion:244 Resp: 322367

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

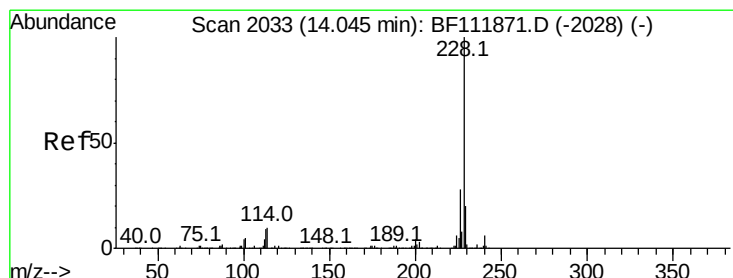
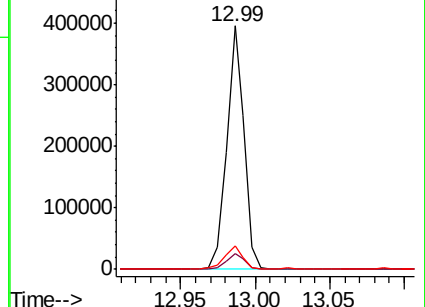
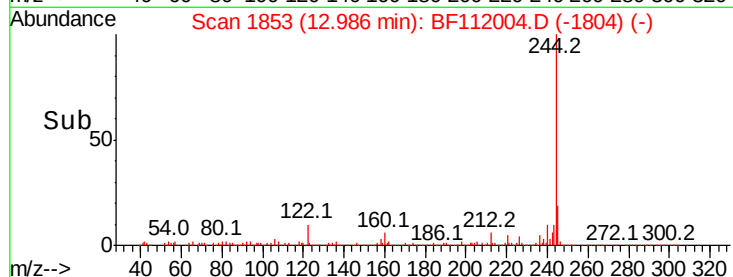
122 9.9 9.5 14.3



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



#81

Benzo(a)anthracene

Concen: 16.099 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.03 min

Lab File: BF112004.D

Acq: 10 Jan 2019 22:55

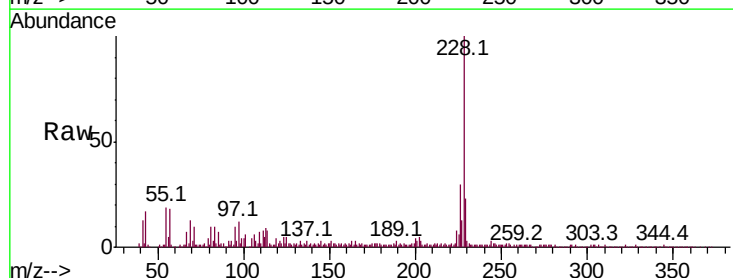
Tgt Ion:228 Resp: 193797

Ion Ratio Lower Upper

228 100

226 30.3 22.2 33.2

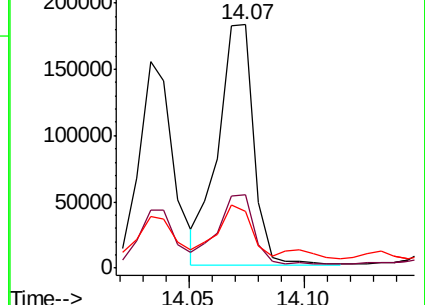
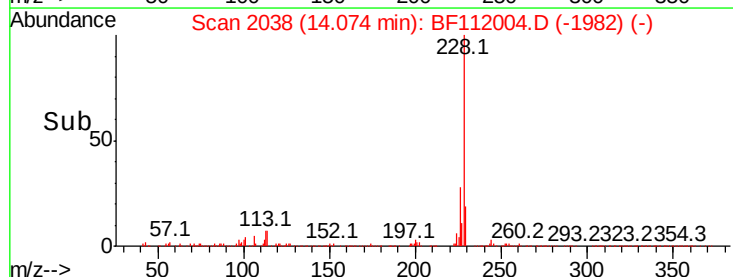
229 23.4 16.2 24.2

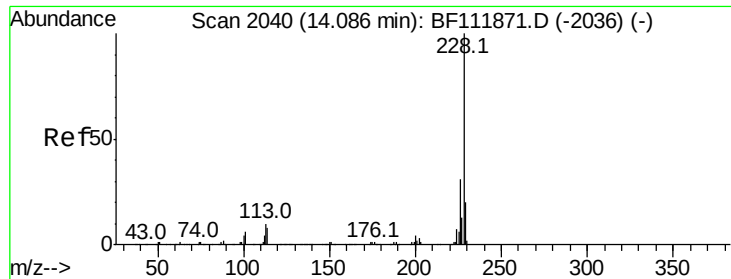


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

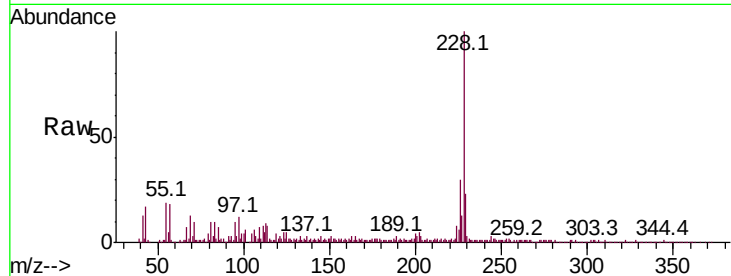




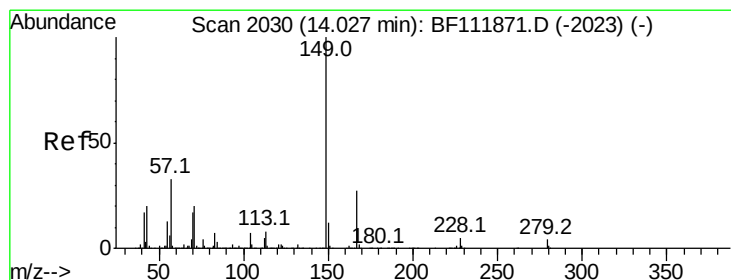
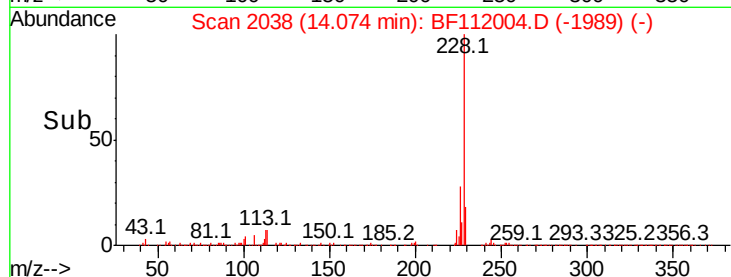
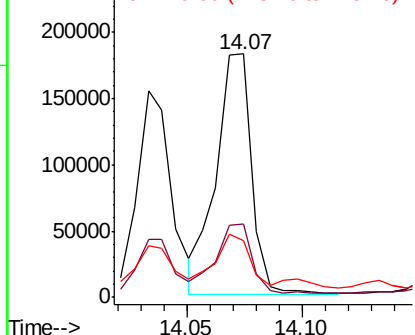
#83
 Chrysene
 Concen: 16.885 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228	Resp:	193797
Ion	Ratio	Lower Upper
228	100	
226	30.3	24.6 37.0
229	23.4	15.7 23.5

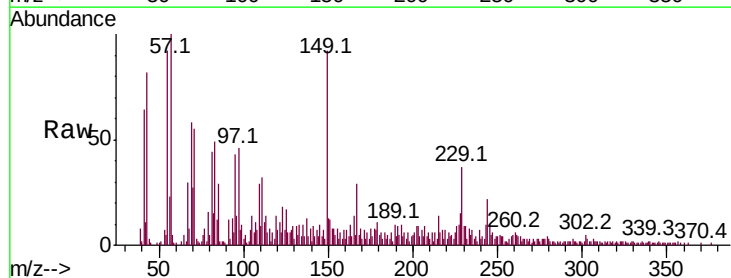


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

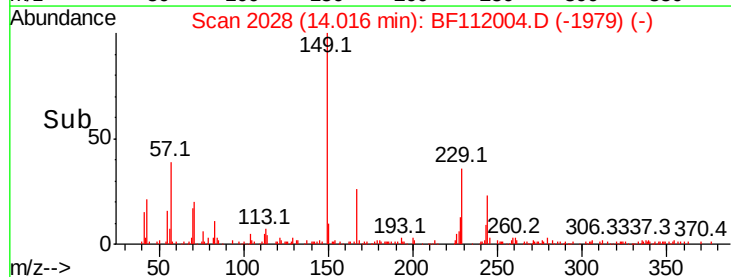
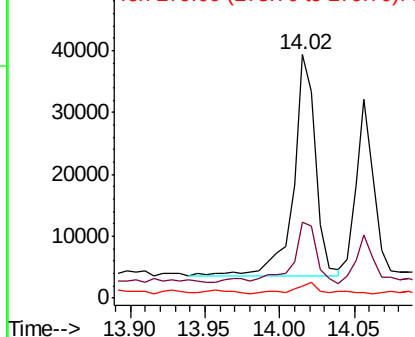


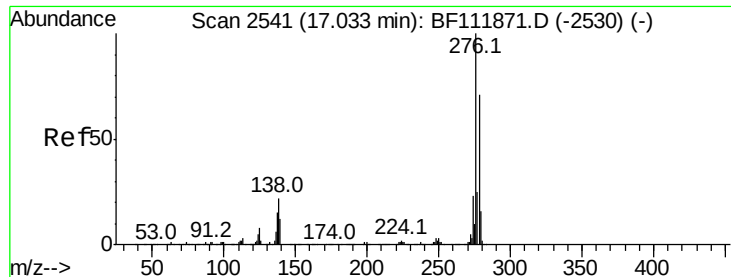
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.651 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Tgt Ion:149	Resp:	37163
Ion	Ratio	Lower Upper
149	100	
167	31.4	21.5 32.3
279	4.8	3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

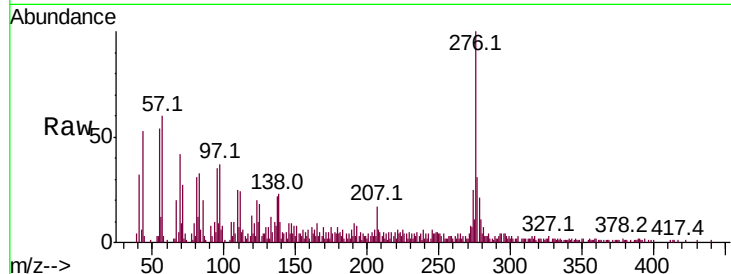




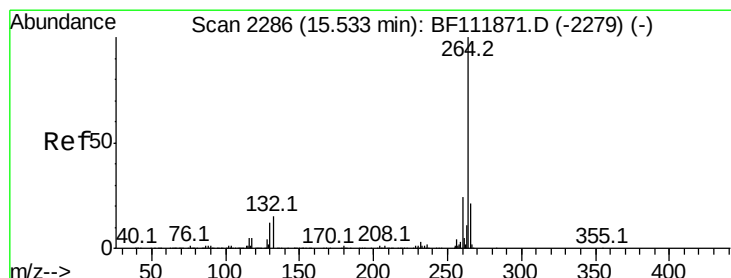
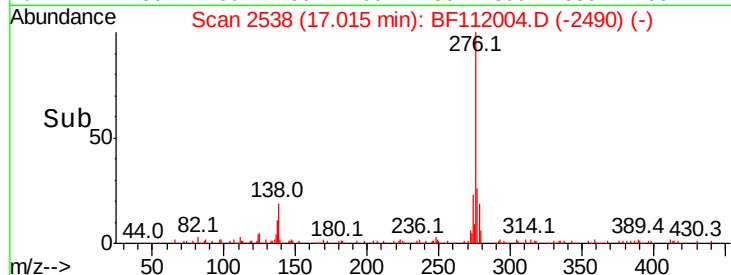
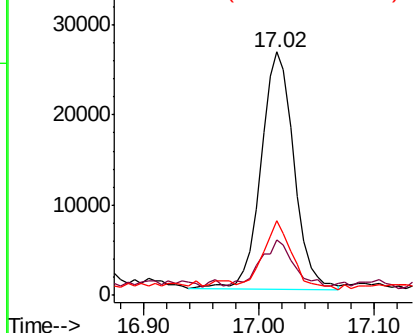
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.227 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 52104
Ion Ratio Lower Upper
276 100
138 19.1 18.1 27.1
277 25.6 19.9 29.9

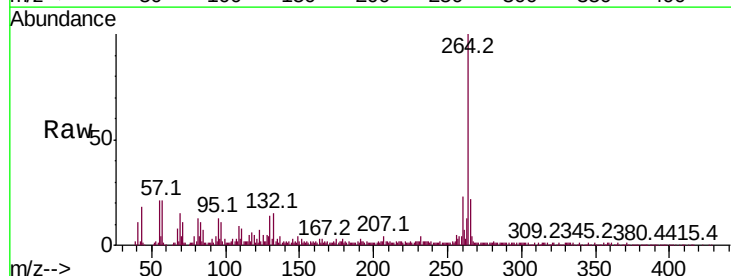


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

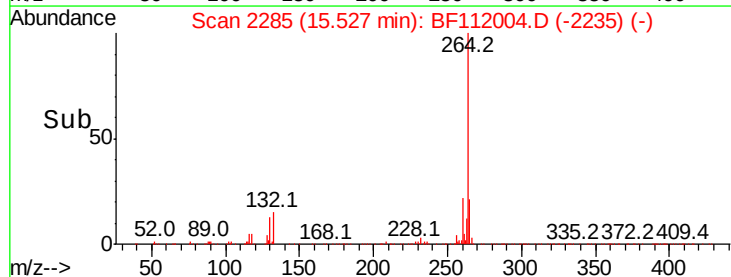
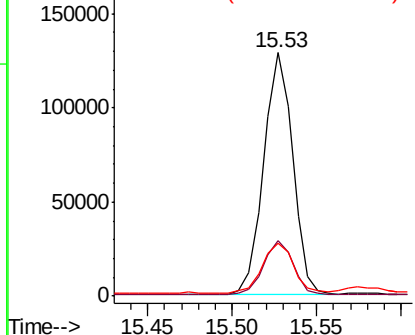


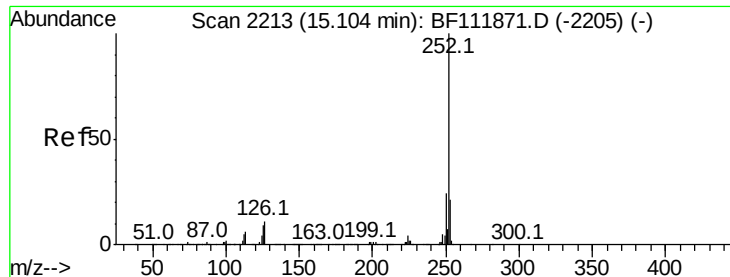
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion:264 Resp: 154316
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 22.0 17.1 25.7



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

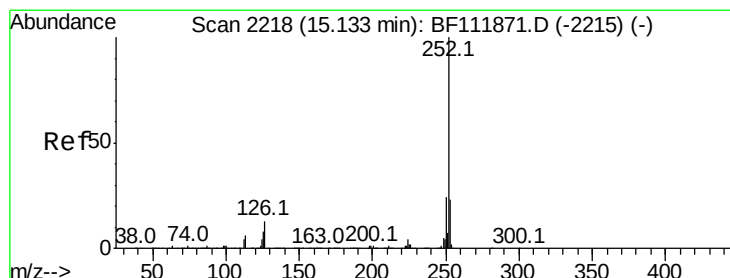
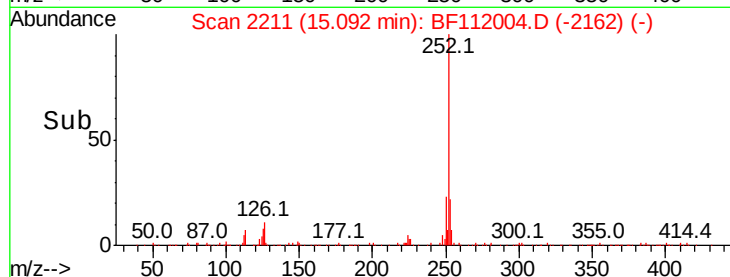
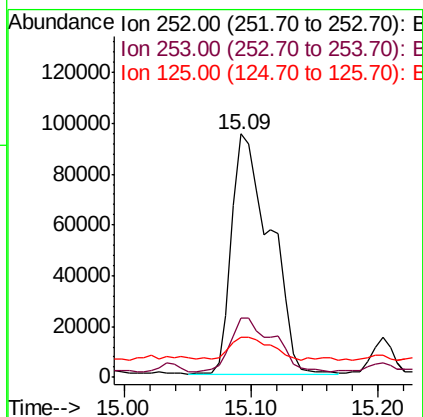
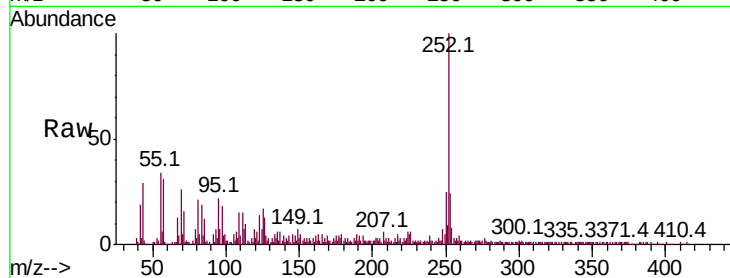




#88
Benzo(b)fluoranthene
Concen: 21.437 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

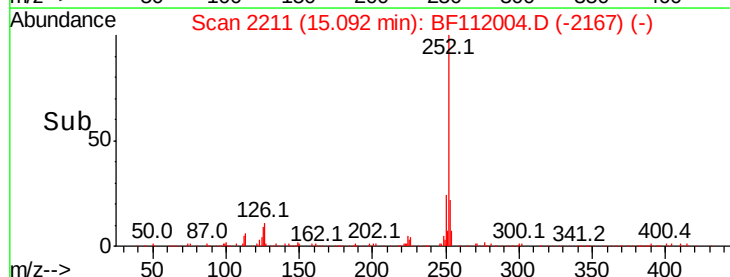
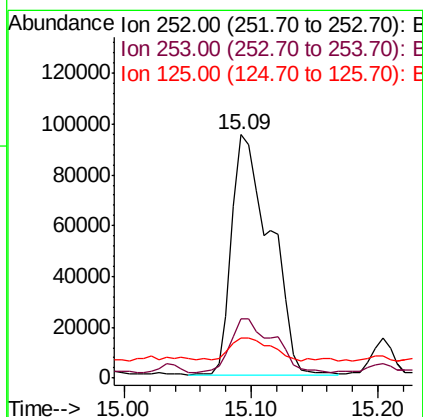
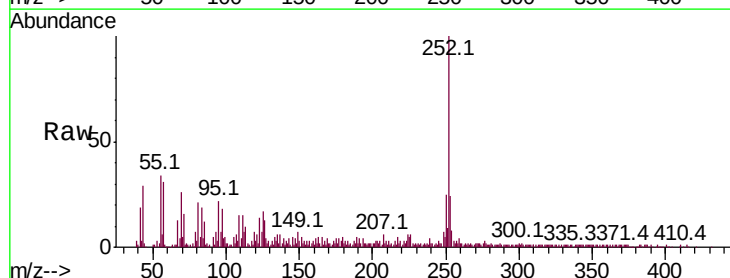
Instrument :
BNA_F
ClientSampleId :

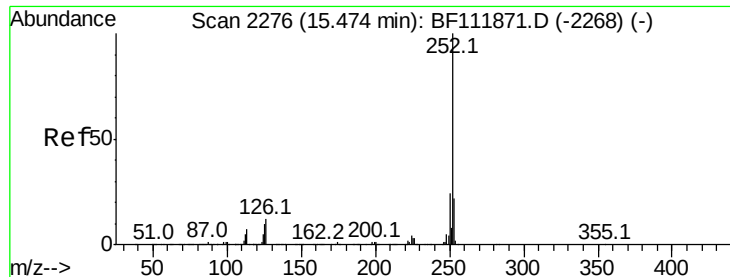
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	16.6	7.1	10.7#



#89
Benzo(k)fluoranthene
Concen: 22.806 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	16.6	7.0	10.4#

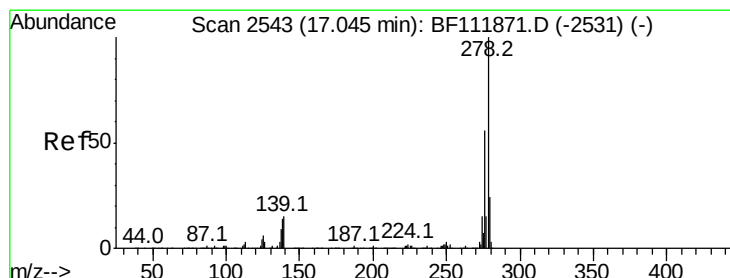
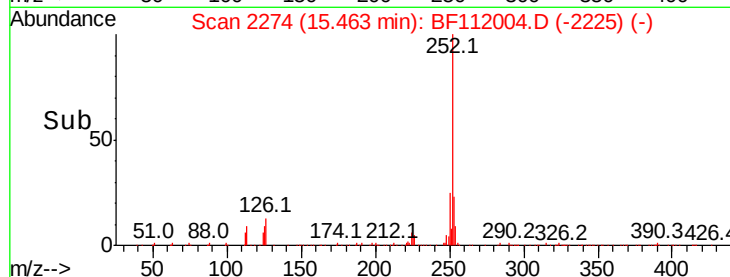
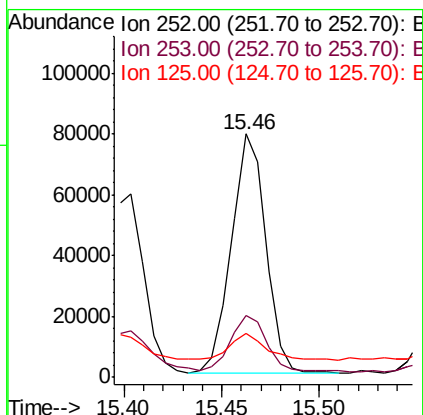
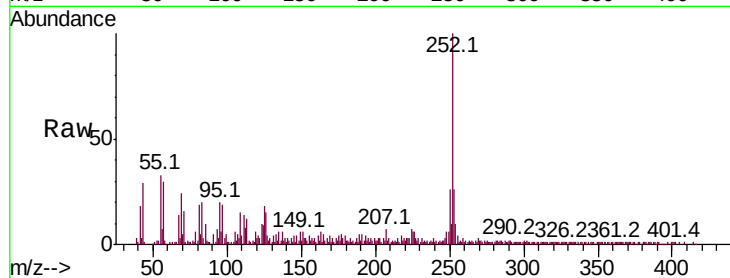




#90
Benzo(a)pyrene
Concen: 11.855 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

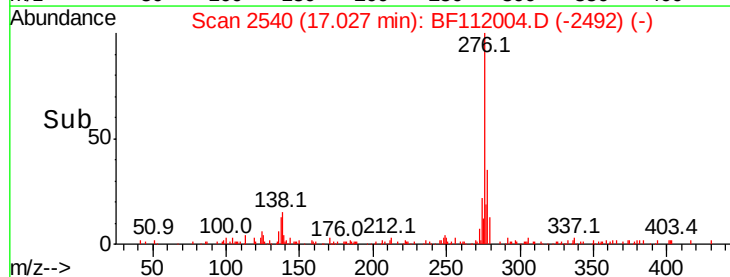
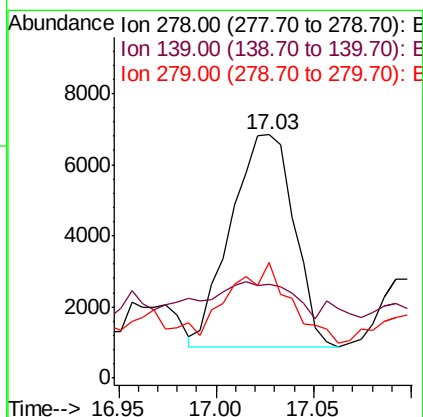
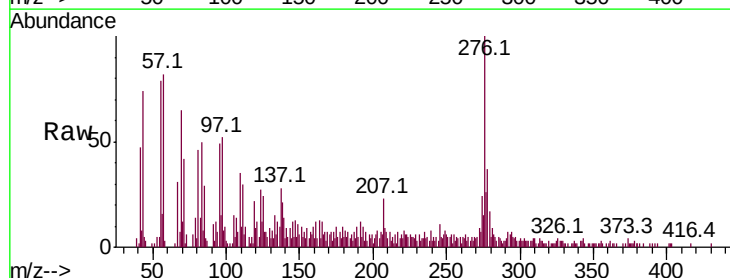
Instrument :
BNA_F
ClientSampleId :

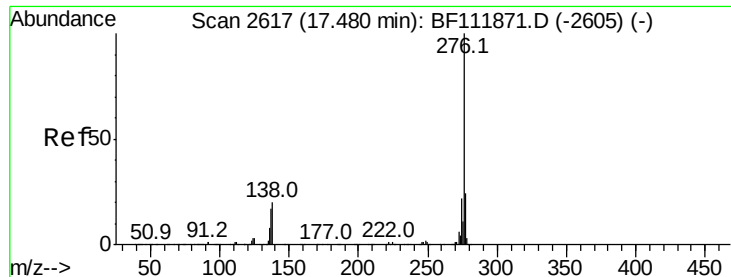
Tot Ion:252 Resp: 96225
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 18.0 7.9 11.9#



#91
Dibenzo(a,h)anthracene
Concen: 2.044 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF112004.D
Acq: 10 Jan 2019 22:55

Tgt Ion:278 Resp: 13342
Ion Ratio Lower Upper
278 100
139 38.5 11.8 17.6#
279 47.2 19.4 29.2#

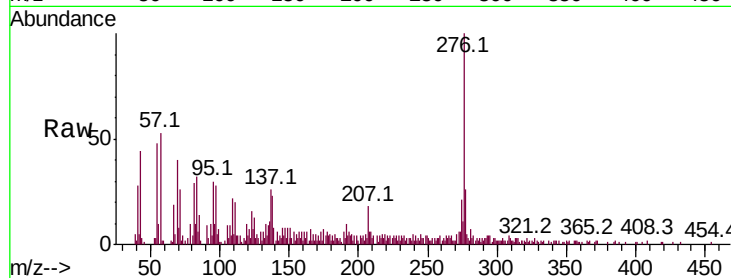




#92
 Benzo(a,h,i)perylene
 Concen: 7.352 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF112004.D
 Acq: 10 Jan 2019 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.0	28.6
138	23.2	16.2	24.2



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

