

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044660.D
 Acq On : 3 Mar 2020 10:41
 Operator : CG/JU
 Sample : L1743-08RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 18:25:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	83425	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	360668	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	220409	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	436454	20.00	ng	-0.06
76) Chrysene-d12	21.45	240	365319	20.00	ng	-0.05
87) Perylene-d12	24.48	264	432488	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	503197	96.78	ng	-0.07
7) Phenol-d6	6.98	99	662023	93.02	ng	-0.07
23) Nitrobenzene-d5	8.96	82	409991	58.56	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	235109	75.23	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	880685	57.22	ng	-0.06
79) Terphenyl-d14	19.83	244	1113203	57.69	ng	-0.05

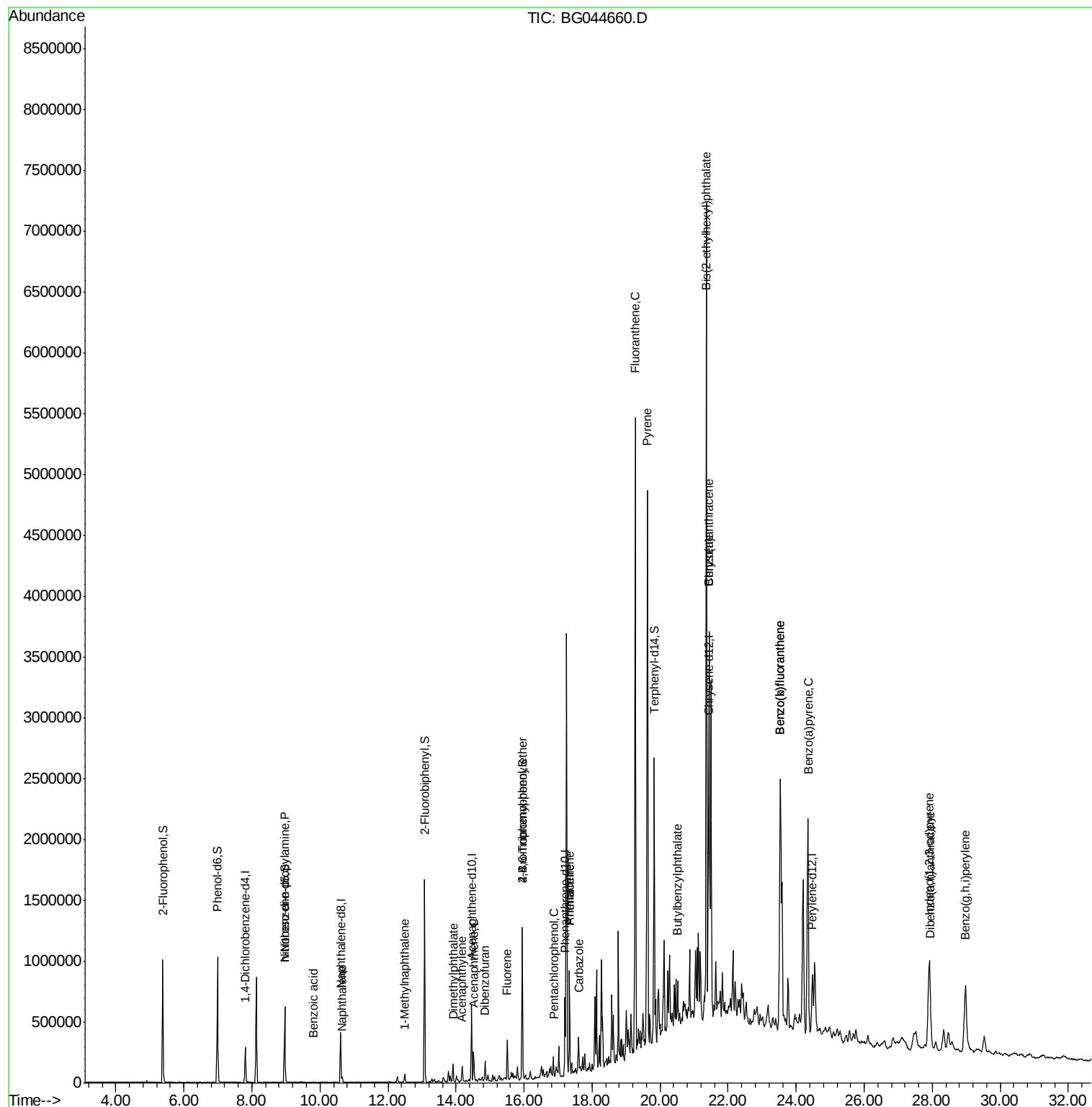
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.96	70	53683	11.734	ng	# 74
31) Naphthalene	10.65	128	40801	2.073	ng	97
32) Benzoic acid	9.82	122	140	4.848	ng	# 1
38) 1-Methylnaphthalene	12.49	142	32406	2.345	ng	98
49) Acenaphthylene	14.18	152	102351	4.848	ng	99
50) Dimethylphthalate	13.91	163	99846	5.613	ng	100
52) Acenaphthene	14.52	154	89007	6.613	ng	98
55) Dibenzofuran	14.86	168	97814	4.741	ng	95
58) Fluorene	15.50	166	144908	8.858	ng	100
67) 4-Bromophenyl-phenylether	15.95	248	16108	2.973	ng	# 1
70) Pentachlorophenol	16.87	266	145	7.319	ng	# 58
71) Phenanthrene	17.34	178	546988	22.637	ng	99
72) Anthracene	17.34	178	546988	22.970	ng	100
73) Carbazole	17.61	167	198141	9.141	ng	98
75) Fluoranthene	19.27	202	3065426	107.165	ng	79
78) Pyrene	19.63	202	2868329	108.162	ng	# 81
80) Butylbenzylphthalate	20.52	149	98189	8.465	ng	95
81) Benzo(a)anthracene	21.43	228	1833680	71.417	ng	92
83) Chrysene	21.43	228	1833680	73.864	ng	95
84) Bis(2-ethylhexyl)phthalate	21.36	149	2512530	157.197	ng	# 81
86) Indeno(1,2,3-cd)pyrene	27.91	276	1246214	39.116	ng	94
88) Benzo(b)fluoranthene	23.54	252	2500817	87.948	ng	# 94
89) Benzo(k)fluoranthene	23.54	252	2500817	90.641	ng	# 95
90) Benzo(a)pyrene	24.35	252	1828472	68.440	ng	96
91) Dibenzo(a,h)anthracene	27.94	278	292949	11.087	ng	94
92) Benzo(g,h,i)perylene	28.98	276	1181011	44.613	ng	99

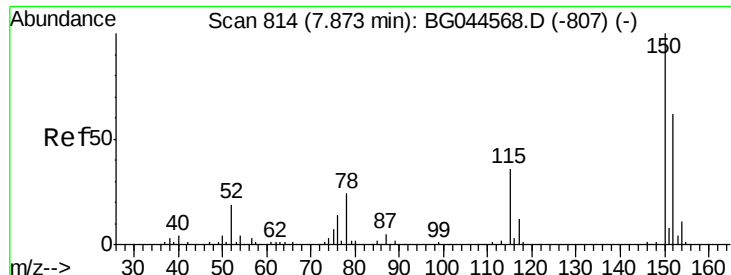
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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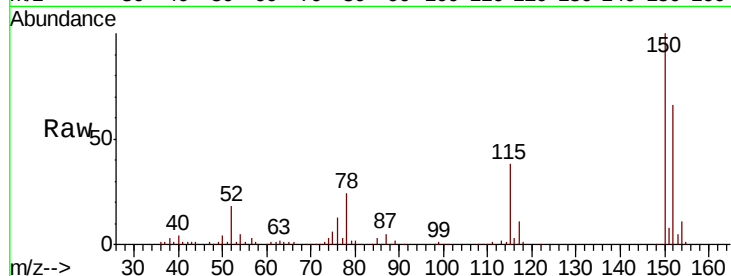




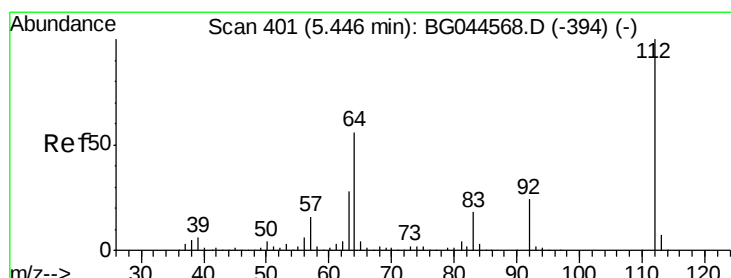
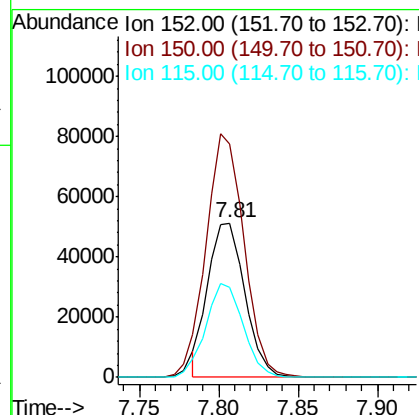
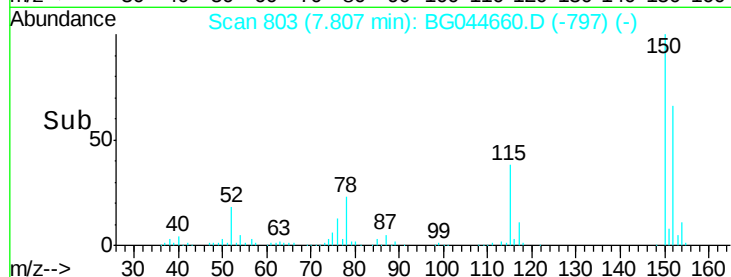
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.07 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 83425
 Ion Ratio Lower Upper
 152 100
 150 151.1 128.9 193.3
 115 57.9 47.0 70.4

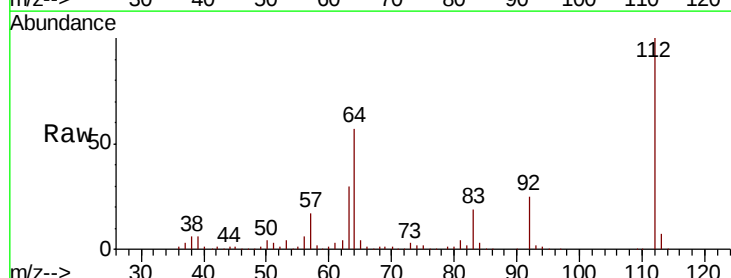


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

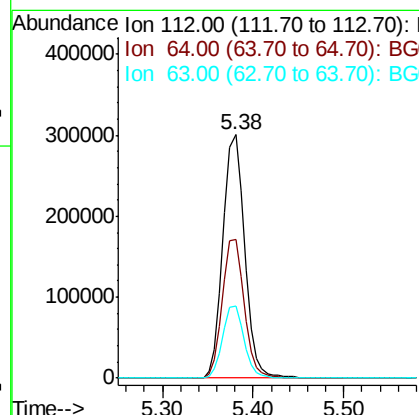
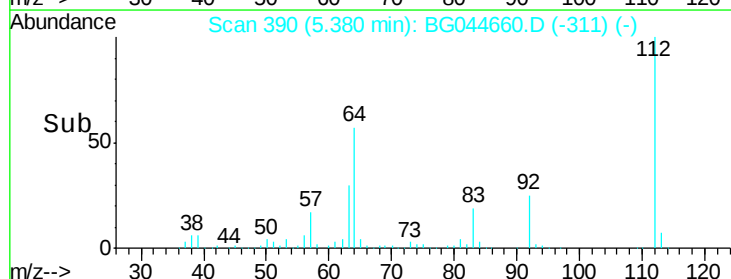


#5
 2-Fluorophenol
 Concen: 96.777 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.07 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Tgt Ion:112 Resp: 503197
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.8 67.2
 63 29.7 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.018 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

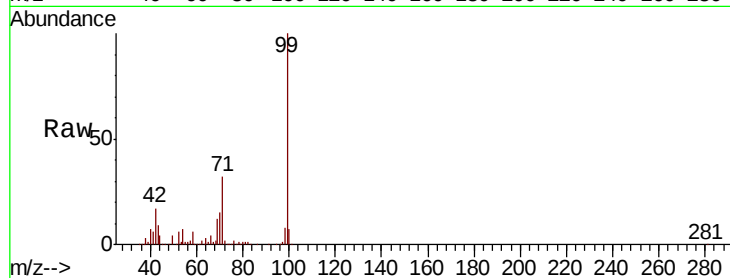
Tot Ion: 99 Resp: 662023

Ion Ratio Lower Upper

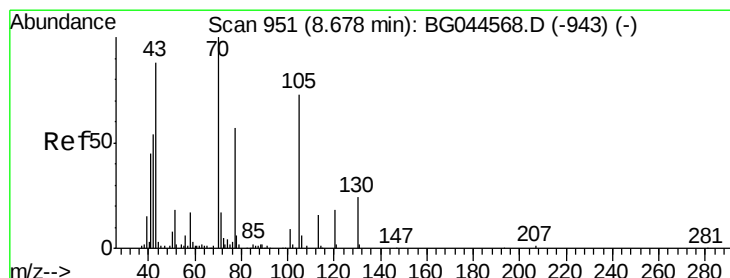
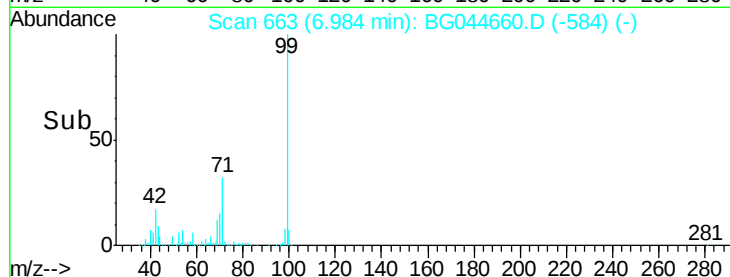
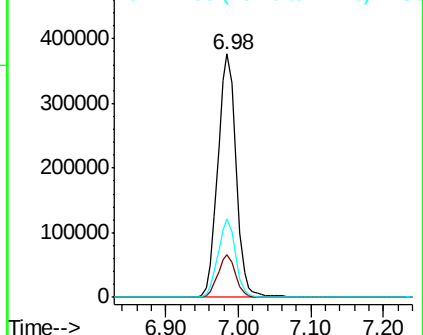
99 100

42 17.3 12.8 19.2

71 32.0 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 11.734 ng

RT: 8.96 min Scan# 1000

Delta R.T. 0.29 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Tgt Ion: 70 Resp: 53683

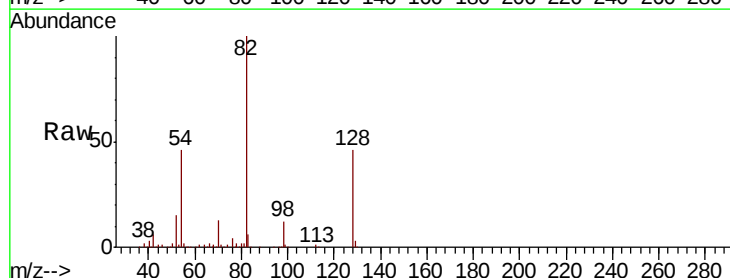
Ion Ratio Lower Upper

70 100

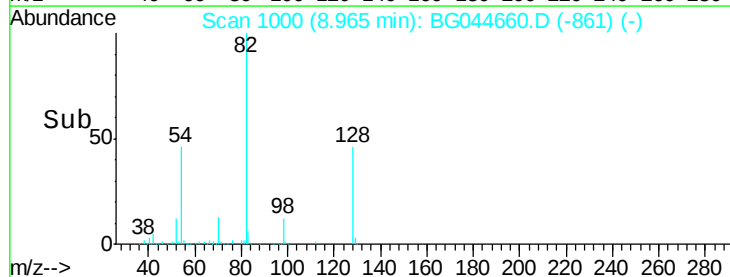
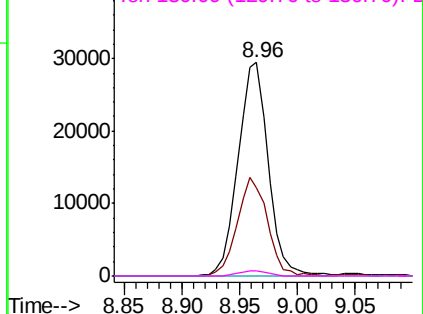
42 41.3 43.4 65.0#

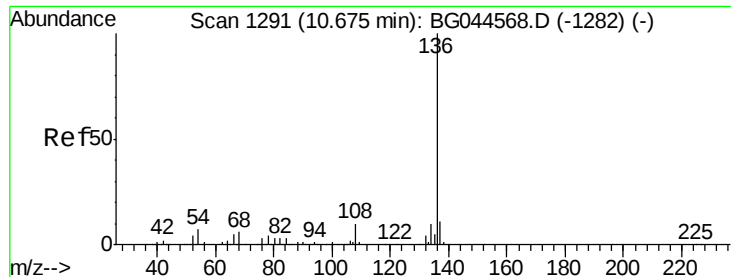
101 0.0 7.5 11.3#

130 2.2 18.9 28.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 360668

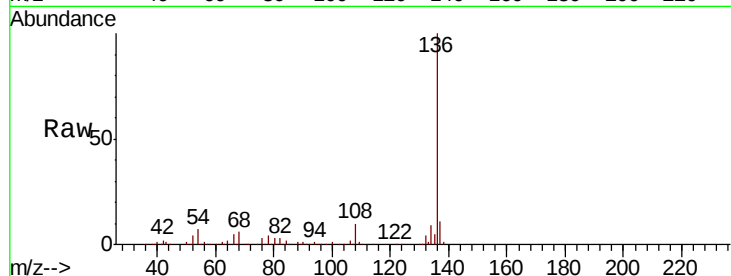
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.4 5.7 8.5

68 5.7 4.5 6.7

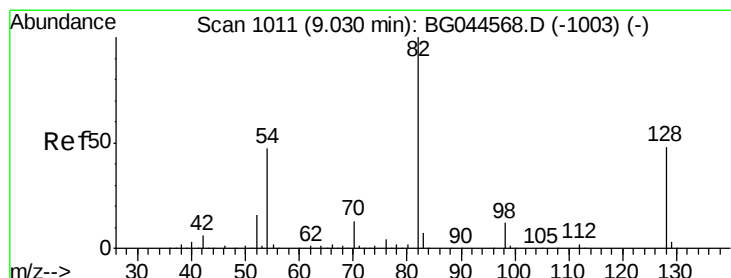
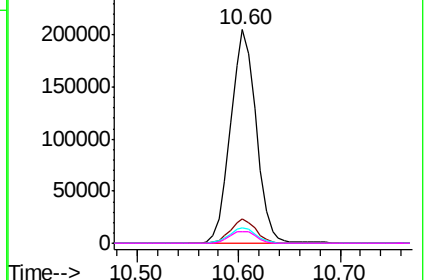
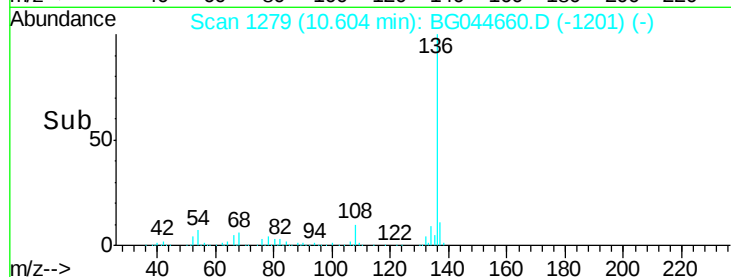


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 58.564 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.07 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

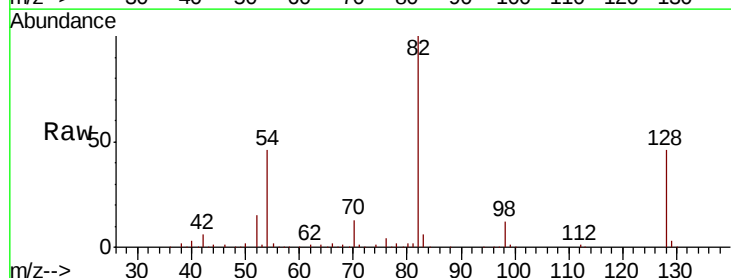
Tgt Ion: 82 Resp: 409991

Ion Ratio Lower Upper

82 100

128 46.1 38.1 57.1

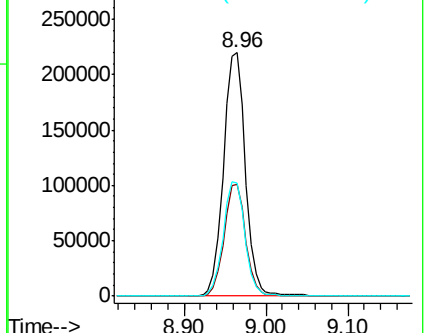
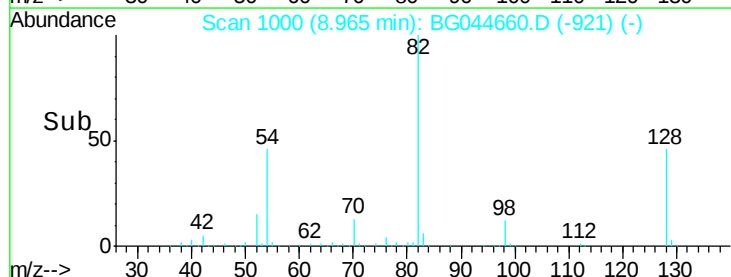
54 46.3 37.5 56.3

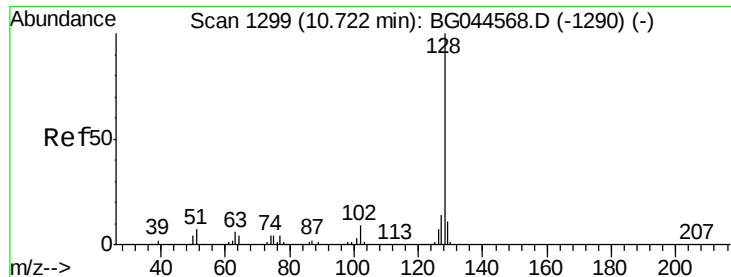


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

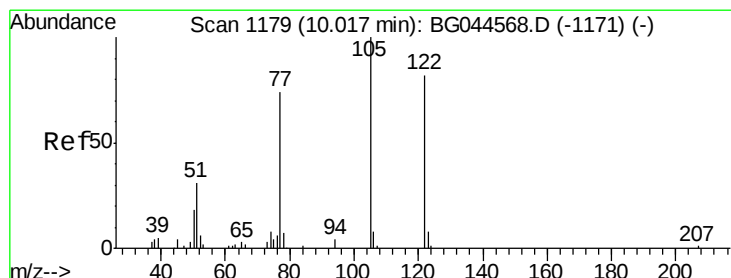
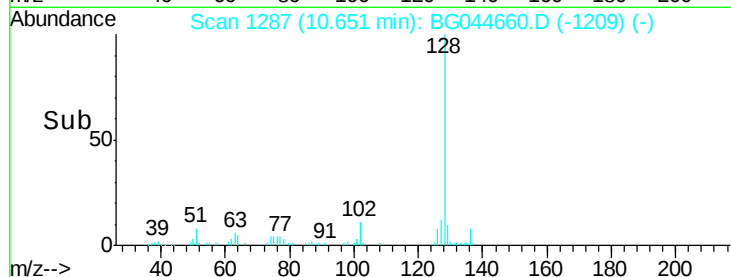
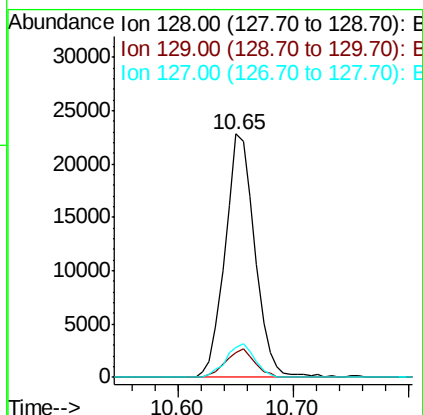
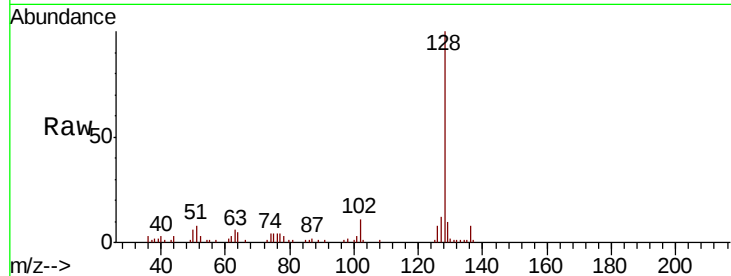




#31
Naphthalene
Concen: 2.073 ng
RT: 10.65 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

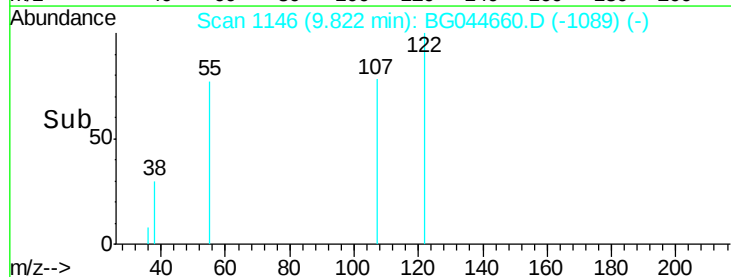
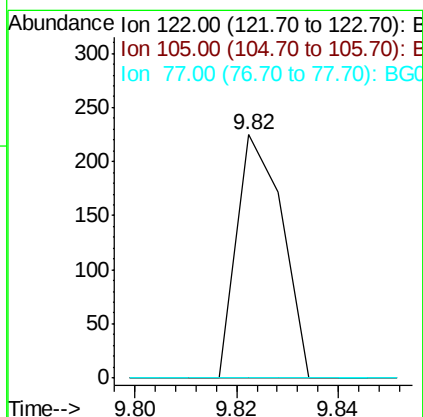
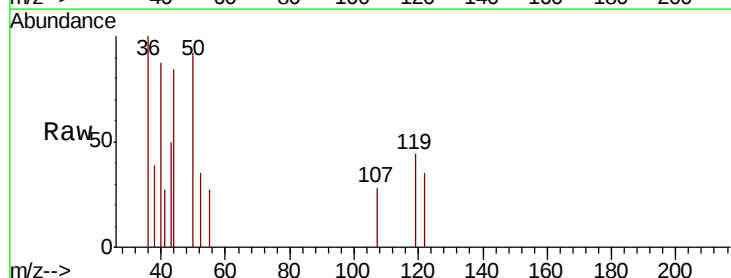
Instrument :
BNA_G
ClientSampleId :

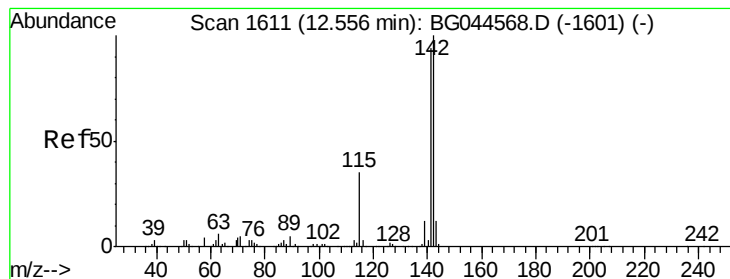
Tot Ion:128 Resp: 40801
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.3 11.0 16.4



#32
Benzoic acid
Concen: 4.848 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.19 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 0.0 101.4 141.4#
77 0.0 69.8 109.8#

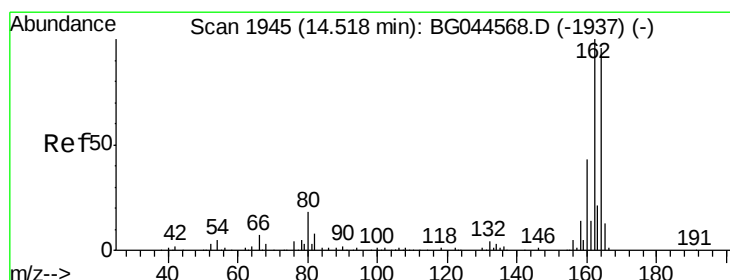
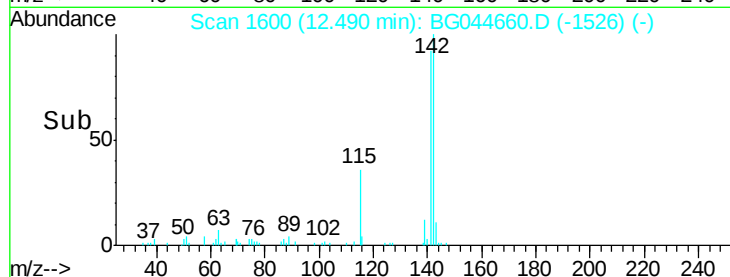
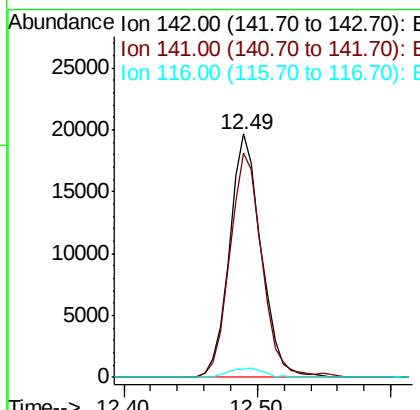
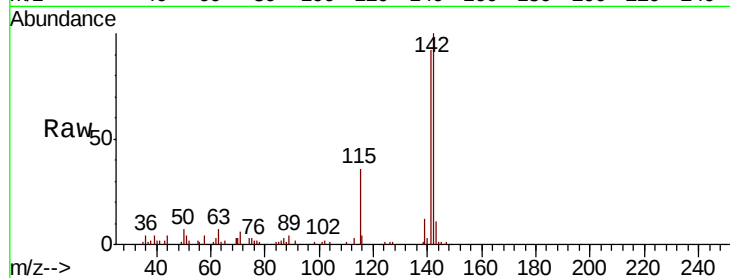




#38
1-Methylnaphthalene
Concen: 2.345 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

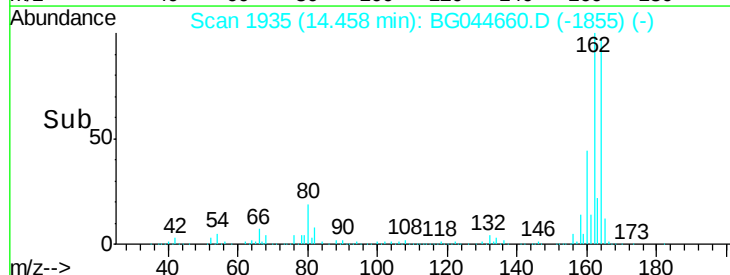
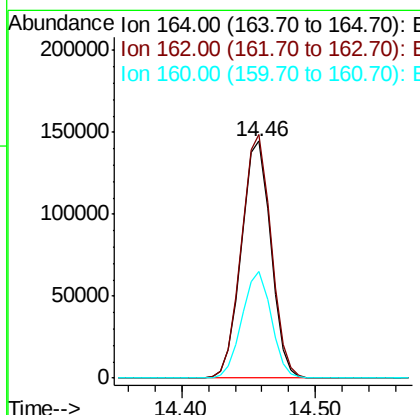
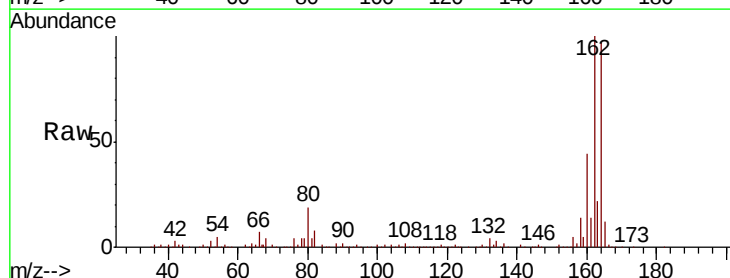
Instrument :
BNA_G
ClientSampled :

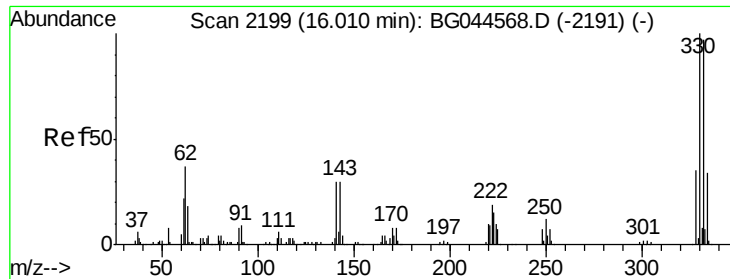
Tot Ion:142 Resp: 32406
Ion Ratio Lower Upper
142 100
141 92.0 75.1 112.7
116 3.6 2.6 4.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

Tgt Ion:164 Resp: 220409
Ion Ratio Lower Upper
164 100
162 102.9 83.6 125.4
160 44.8 36.2 54.4

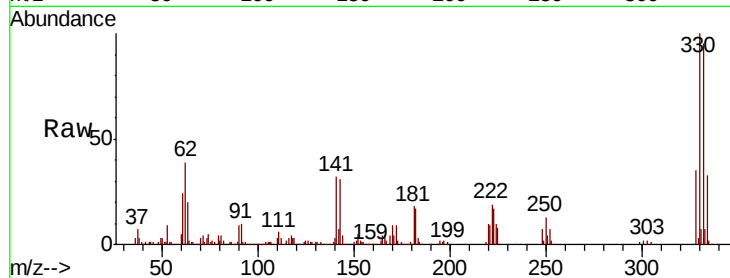




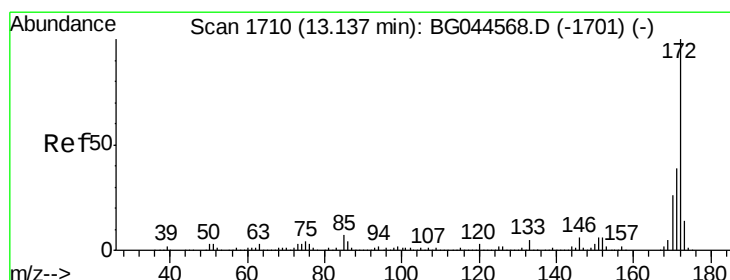
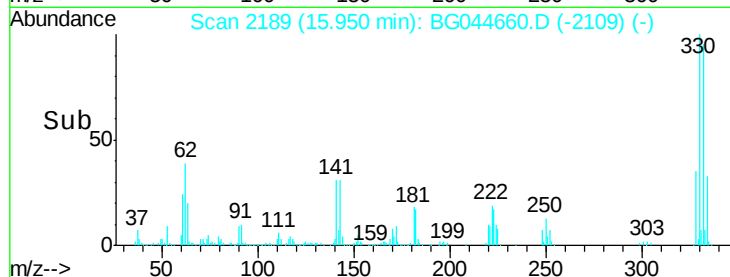
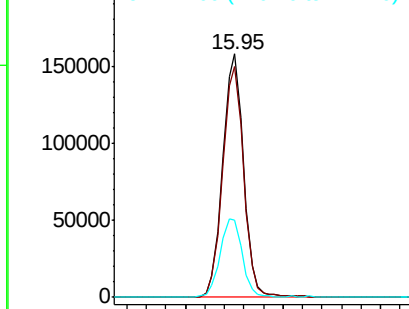
#42
 2,4,6-Tribromophenol
 Concen: 75.229 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	33.8	26.1	39.1

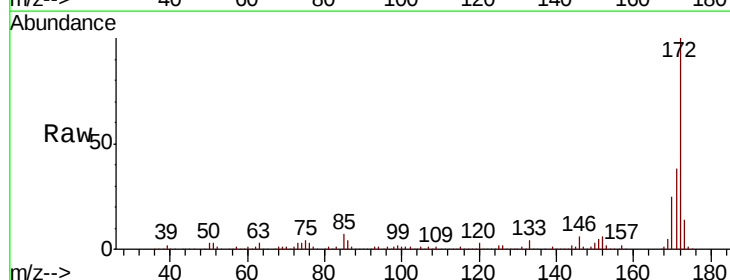


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

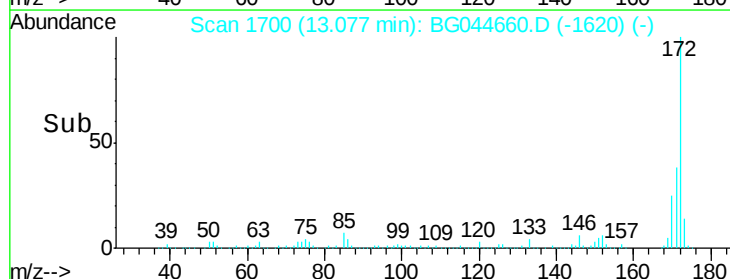
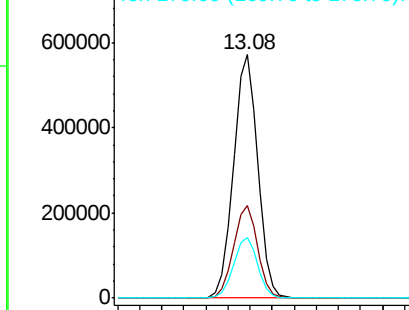


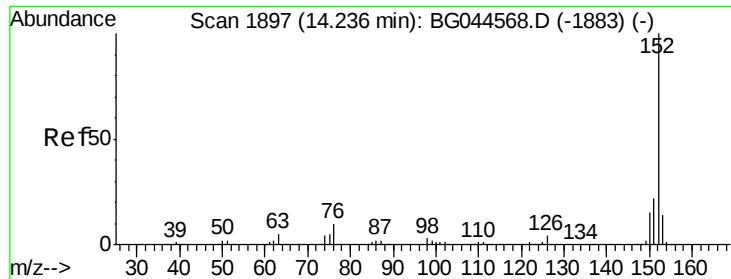
#45
 2-Fluorobiphenyl
 Concen: 57.218 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.1	21.0	31.4



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





#49

Acenaphthylene

Concen: 4.848 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.06 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

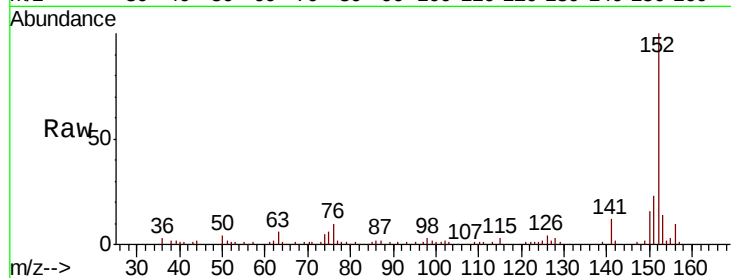
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 102351

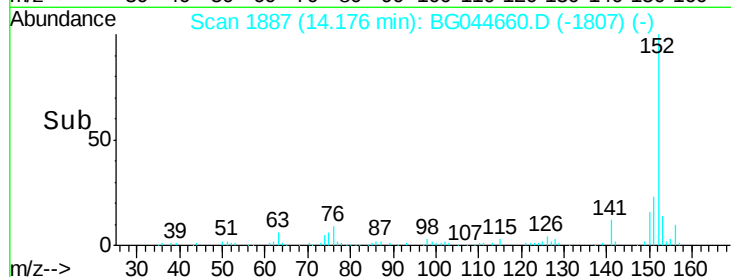
Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.7	26.5
153	14.4	11.3	16.9



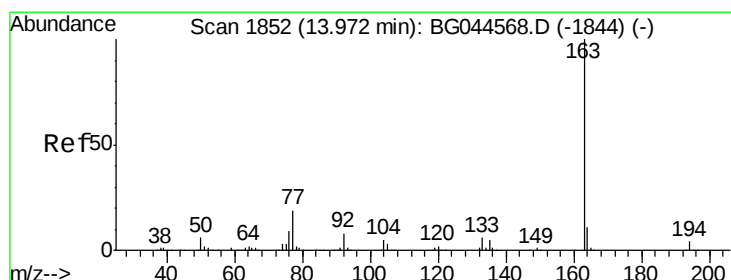
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 5.613 ng

RT: 13.91 min Scan# 1842

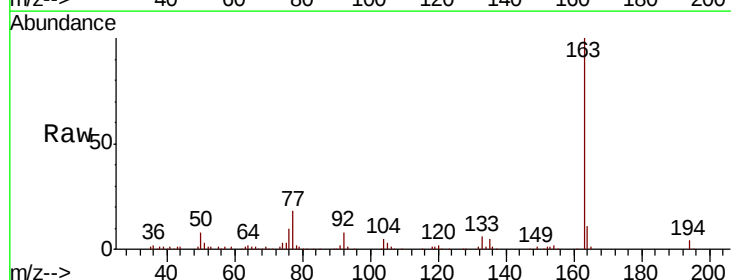
Delta R.T. -0.06 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Tgt Ion:163 Resp: 99846

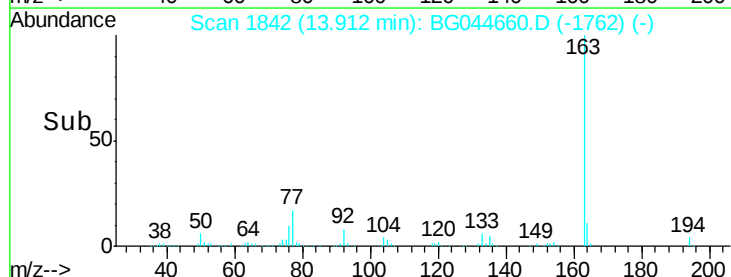
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.9	8.7	13.1



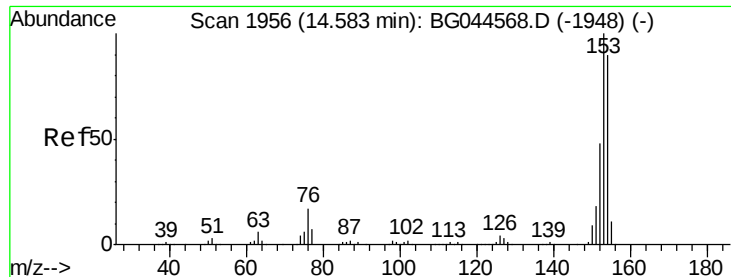
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#52

Acenaphthene

Concen: 6.613 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.07 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

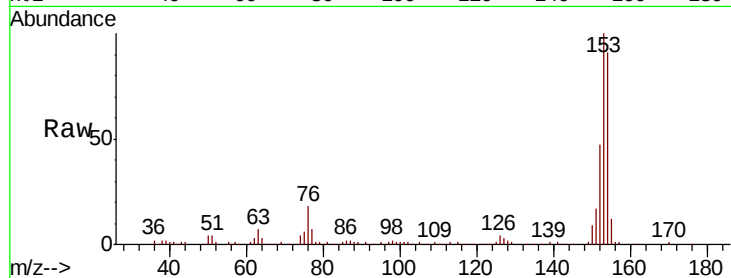
Tot Ion:154 Resp: 89007

Ion Ratio Lower Upper

154 100

153 110.1 89.4 134.0

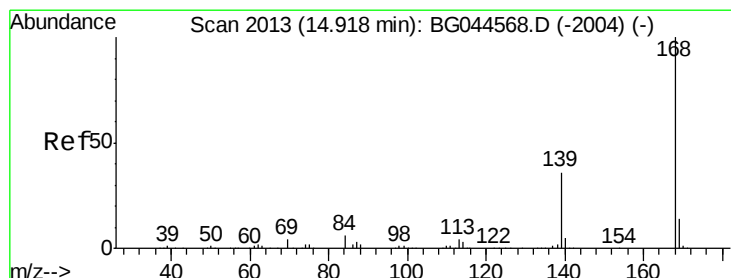
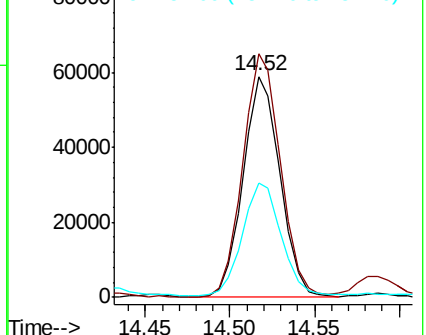
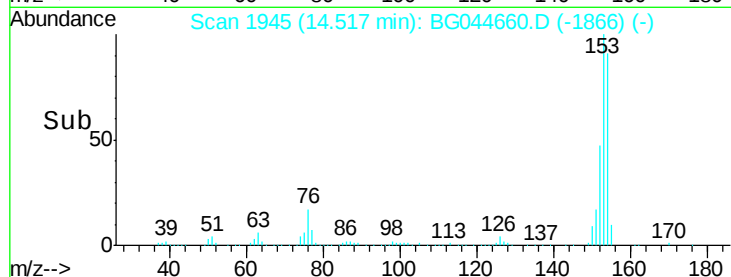
152 51.7 43.0 64.4



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: 4.741 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.06 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

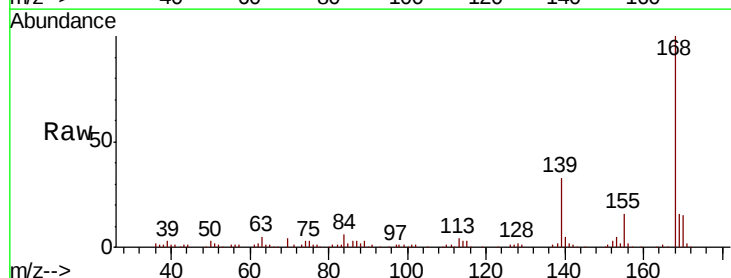
Tgt Ion:168 Resp: 97814

Ion Ratio Lower Upper

168 100

139 33.4 29.2 43.8

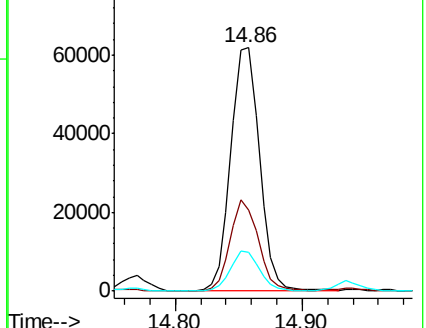
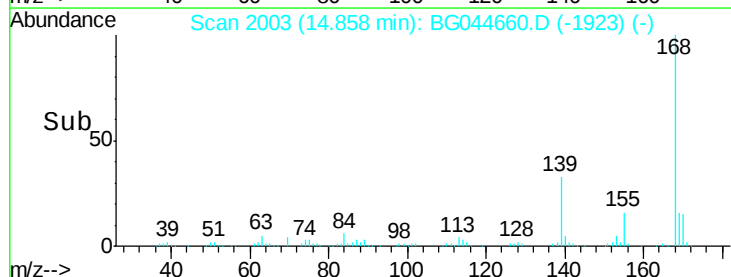
169 16.1 11.0 16.6

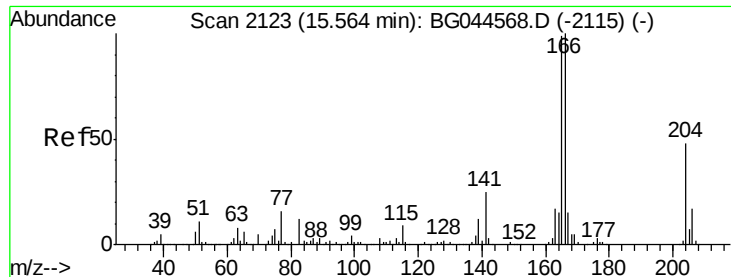


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

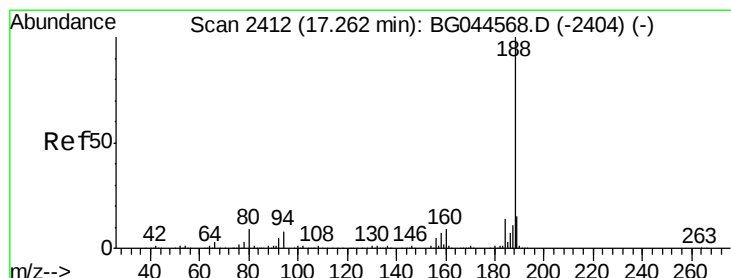
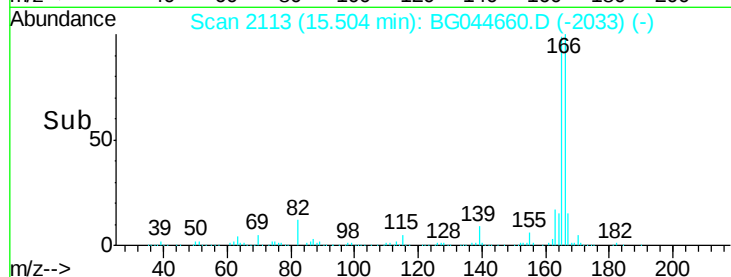
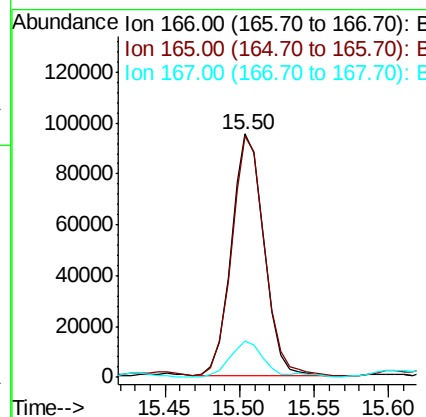
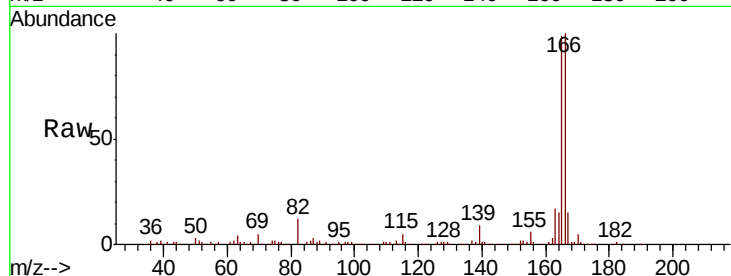




#58
 Fluorene
 Concen: 8.858 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.06 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

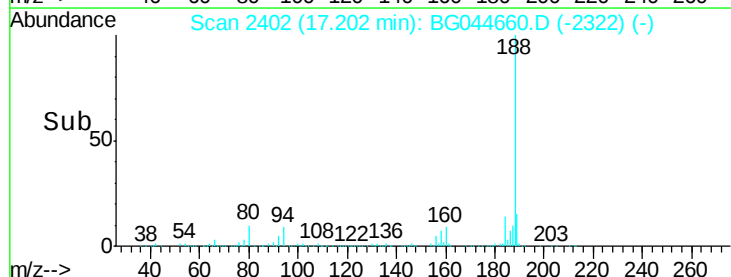
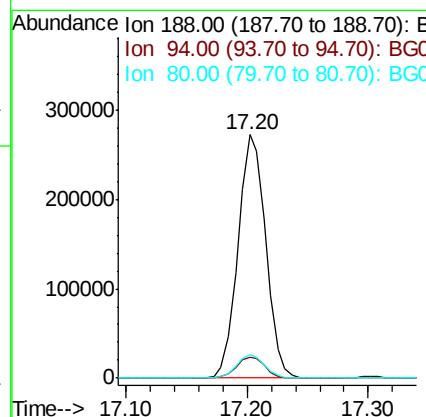
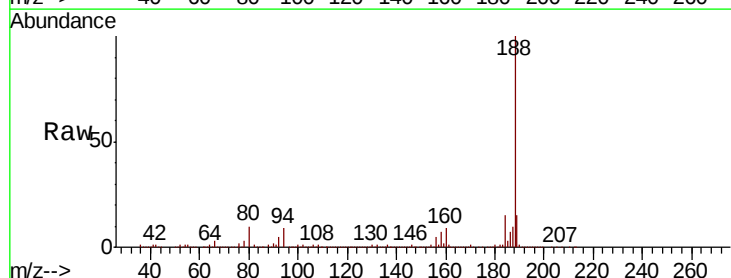
Instrument :
 BNA_G
 ClientSampleId :

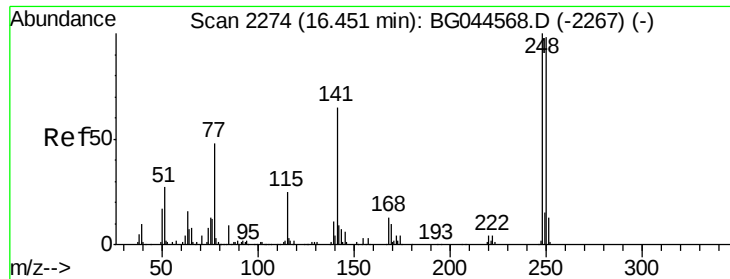
Tot Ion:166 Resp: 144908
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.2 118.8
 167 15.0 11.7 17.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Tgt Ion:188 Resp: 436454
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.7 10.1
 80 9.7 7.6 11.4

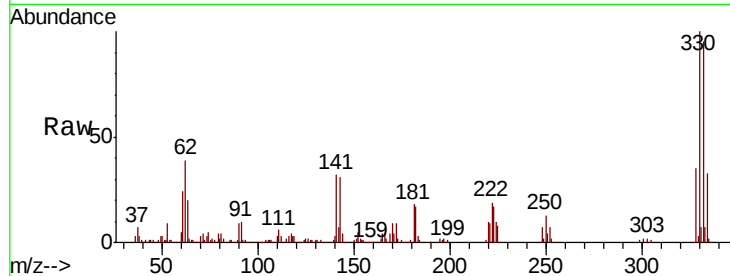




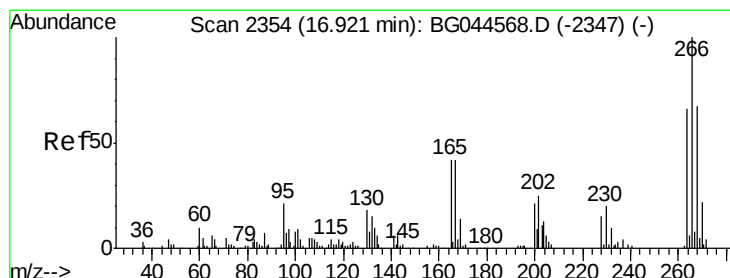
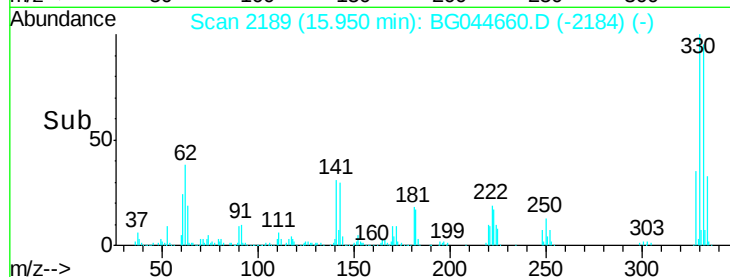
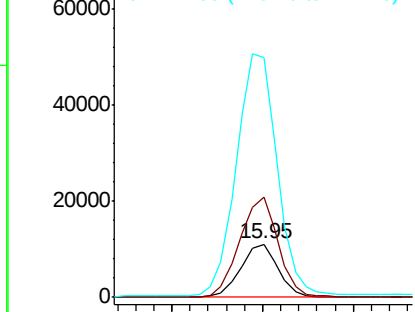
#67
 4-Bromophenyl-phenylether
 Concen: 2.973 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.50 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16108
 Ion Ratio Lower Upper
 248 100
 250 189.4 78.7 118.1#
 141 451.1 52.3 78.5#

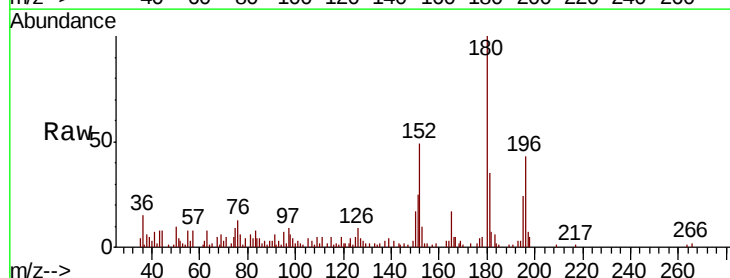


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

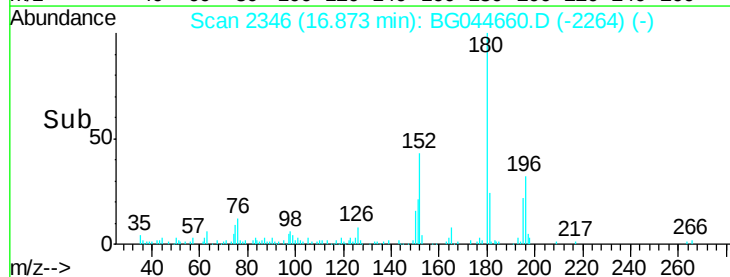
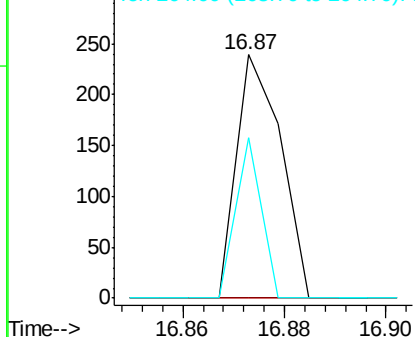


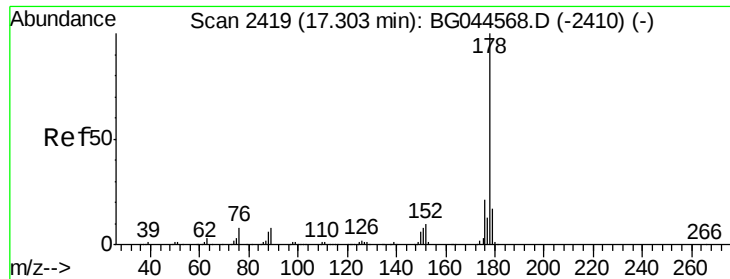
#70
 Pentachlorophenol
 Concen: 7.319 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.05 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Tgt Ion:266 Resp: 145
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.4 80.0#
 264 66.1 53.0 79.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

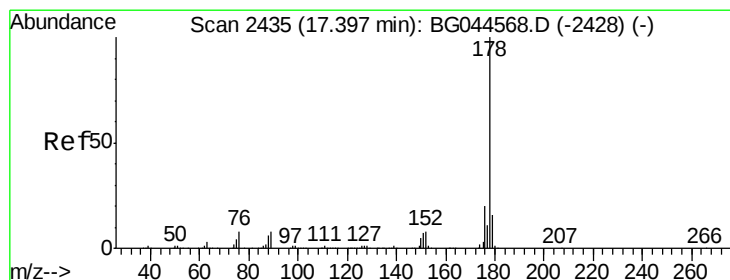
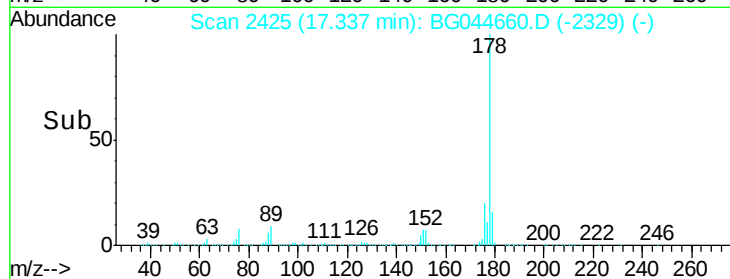
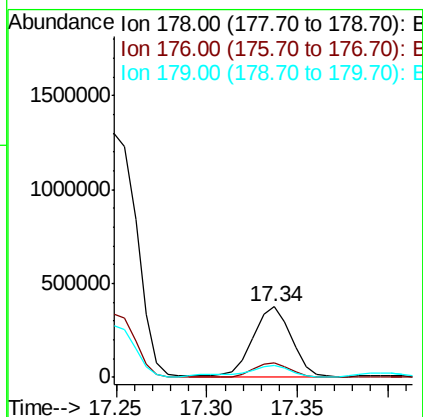
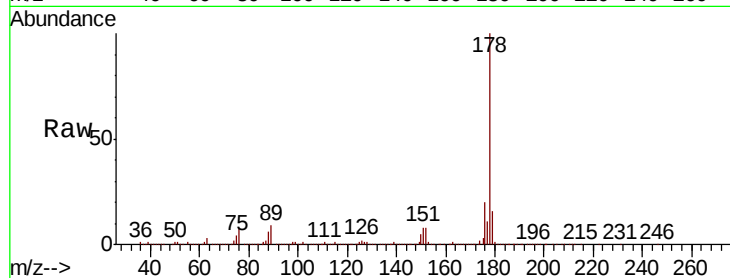




#71
Phenanthrene
Concen: 22.637 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.03 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

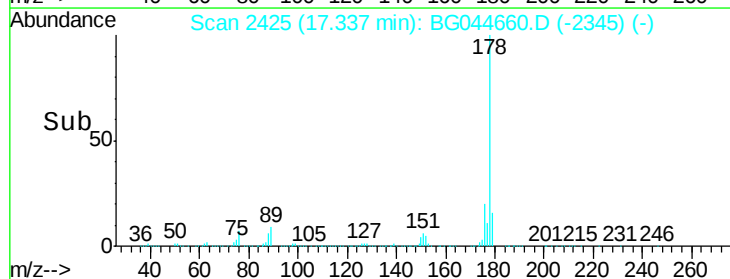
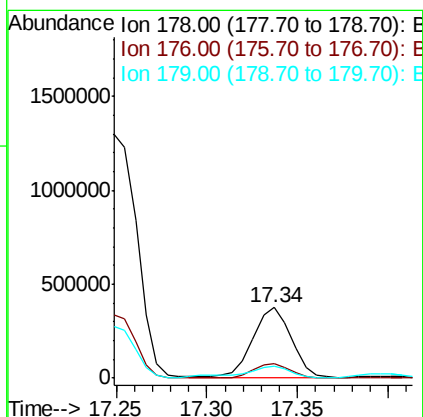
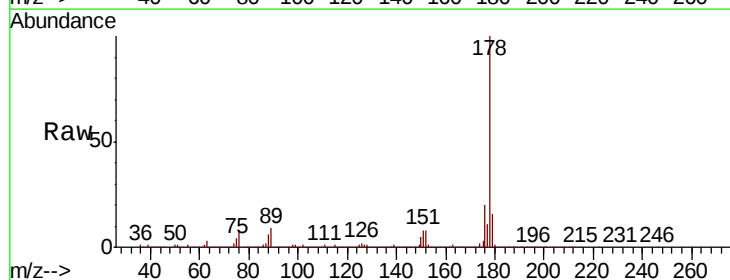
Instrument :
BNA_G
ClientSampleId :

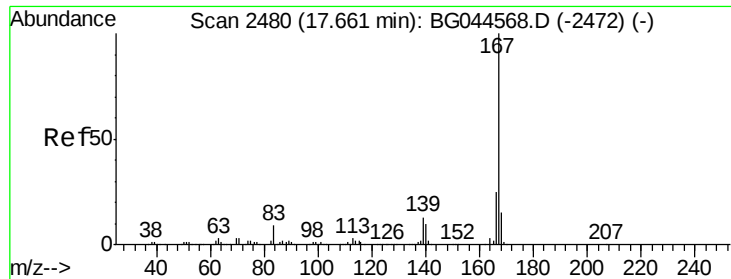
Tot Ion:178 Resp: 546988
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 16.3 13.3 19.9



#72
Anthracene
Concen: 22.970 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

Tgt Ion:178 Resp: 546988
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.3 13.1 19.7

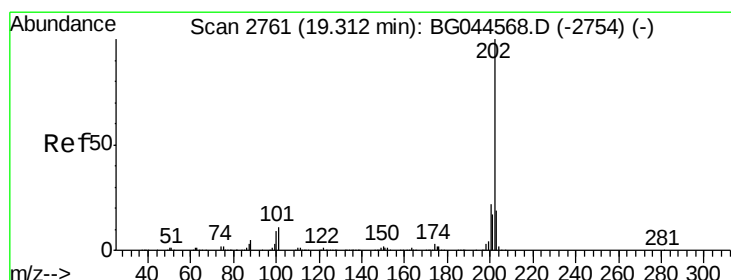
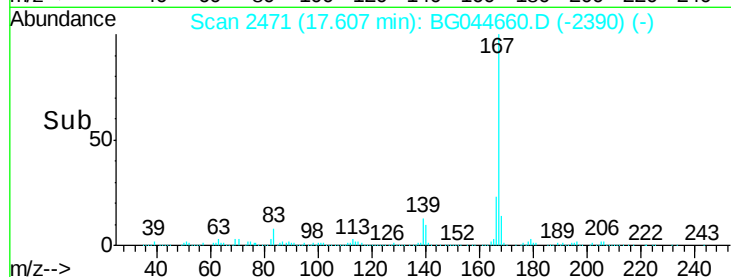
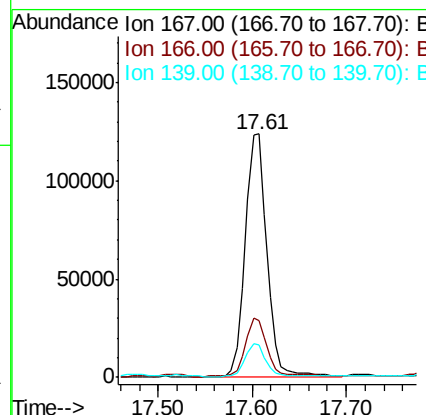
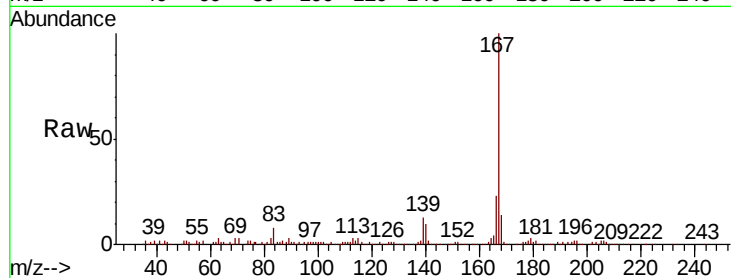




#73
 Carbazole
 Concen: 9.141 ng
 RT: 17.61 min Scan# 2471
 Delta R.T. -0.05 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

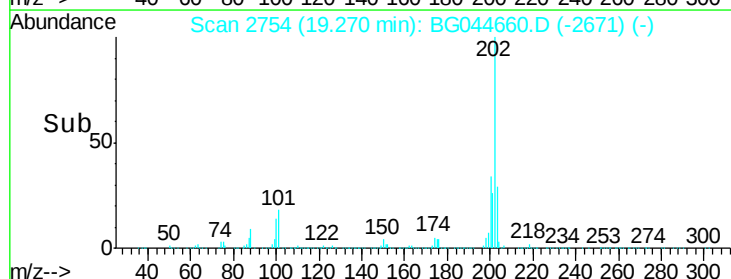
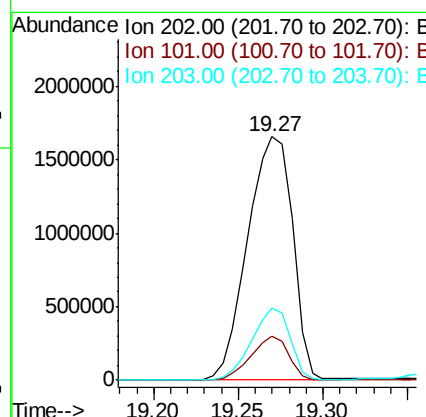
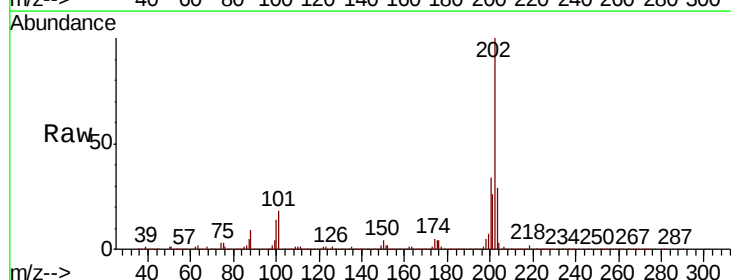
Instrument :
 BNA_G
 ClientSampleId :

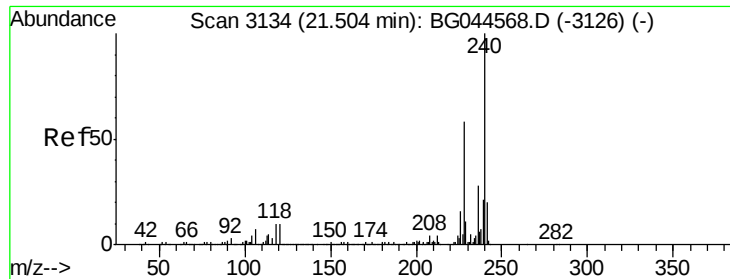
Tot Ion:167 Resp: 198141
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.7 29.5
 139 13.1 10.6 15.8



#75
 Fluoranthene
 Concen: 107.165 ng
 RT: 19.27 min Scan# 2754
 Delta R.T. -0.04 min
 Lab File: BG044660.D
 Acq: 3 Mar 2020 10:41

Tgt Ion:202 Resp: 3065426
 Ion Ratio Lower Upper
 202 100
 101 18.0 0.0 31.0
 203 29.4 0.0 39.2

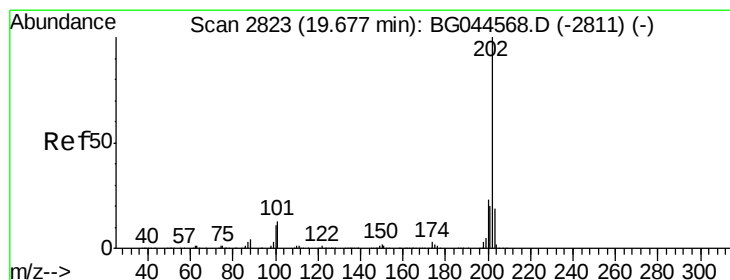
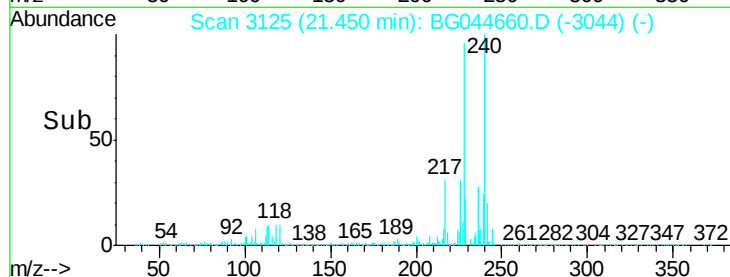
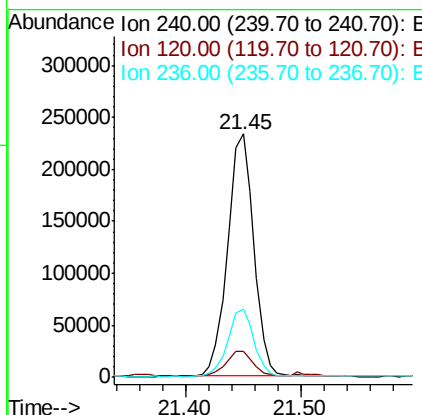
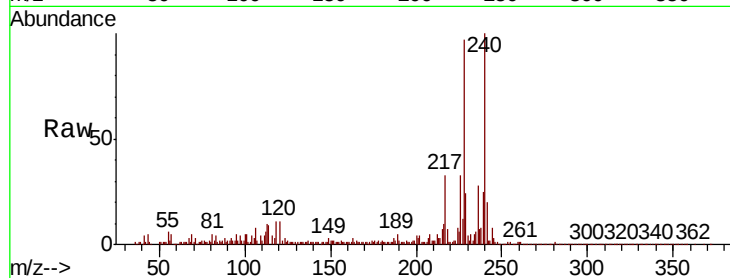




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.05 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

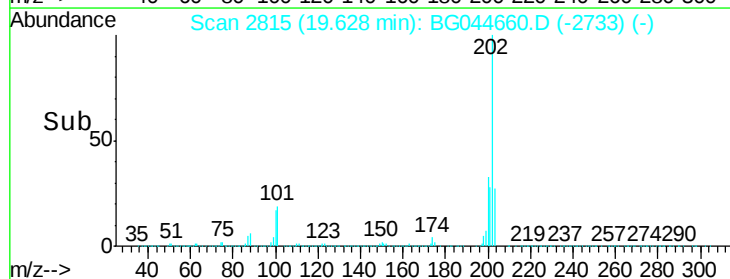
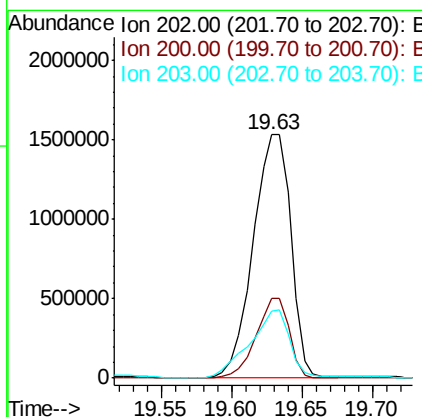
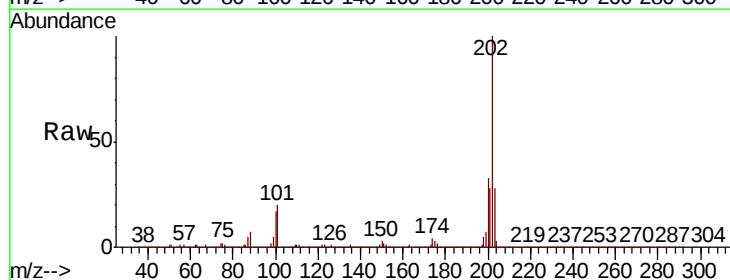
Instrument :
BNA_G
ClientSampleId :

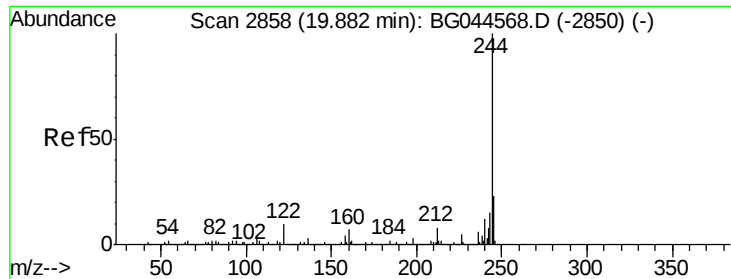
Tot Ion:240 Resp: 365319
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 28.2 22.3 33.5



#78
Pyrene
Concen: 108.162 ng
RT: 19.63 min Scan# 2815
Delta R.T. -0.05 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

Tgt Ion:202 Resp: 2868329
Ion Ratio Lower Upper
202 100
200 32.8 18.6 28.0#
203 27.7 15.3 22.9#





#79

Terphenyl-d14

Concen: 57.686 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.05 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

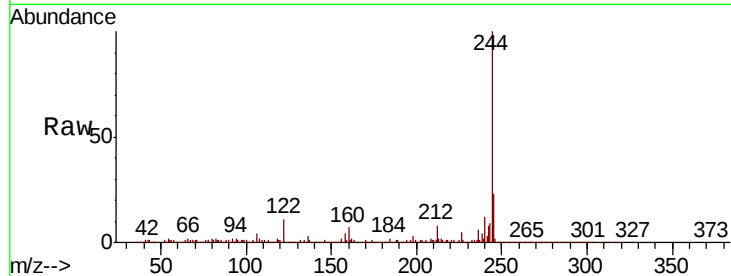
Tot Ion:244 Resp: 1113203

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

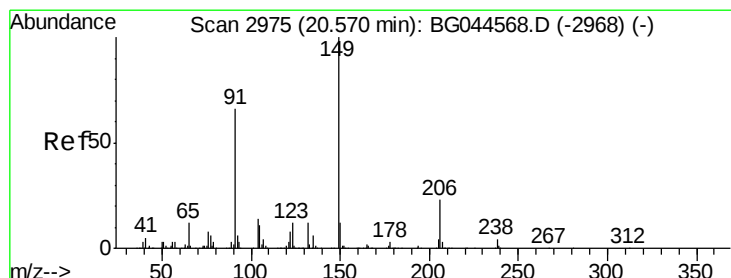
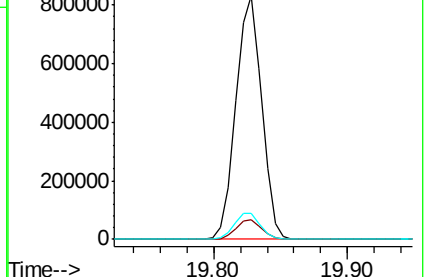
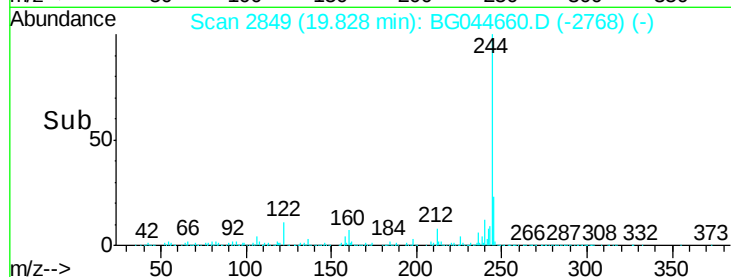
122 10.7 8.2 12.4



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

Butylbenzylphthalate

Concen: 8.465 ng

RT: 20.52 min Scan# 2966

Delta R.T. -0.05 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

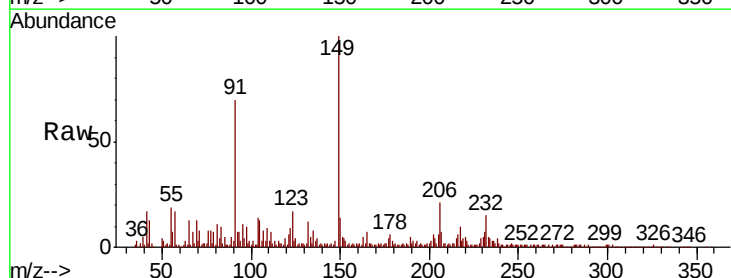
Tgt Ion:149 Resp: 98189

Ion Ratio Lower Upper

149 100

91 70.0 52.7 79.1

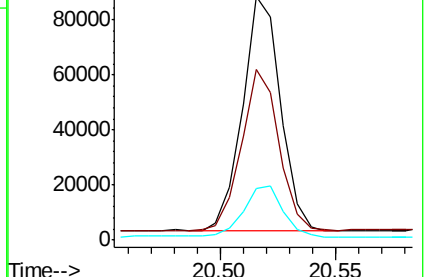
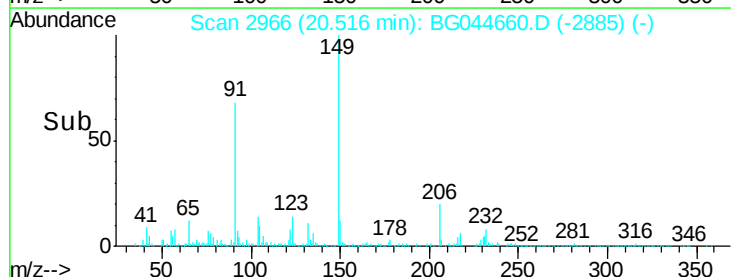
206 21.4 18.6 28.0

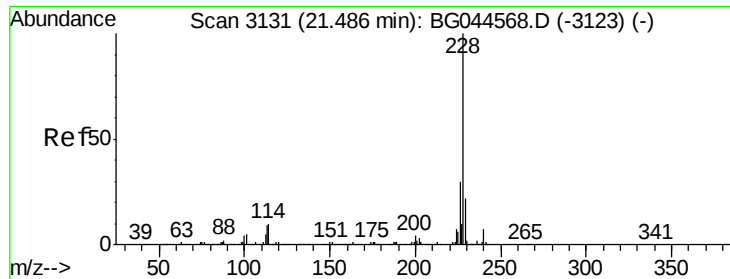


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

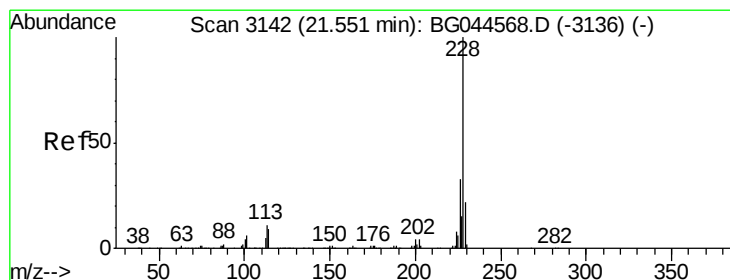
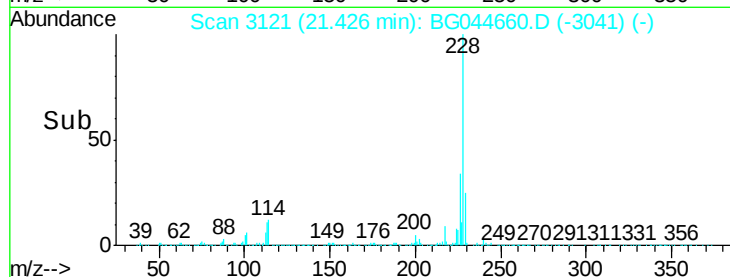
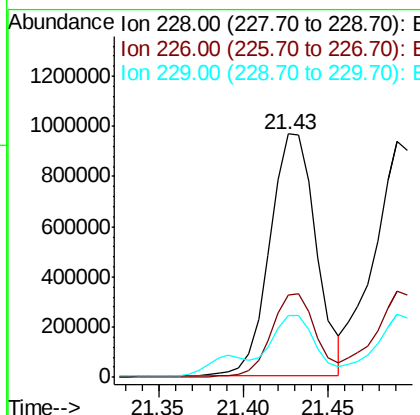
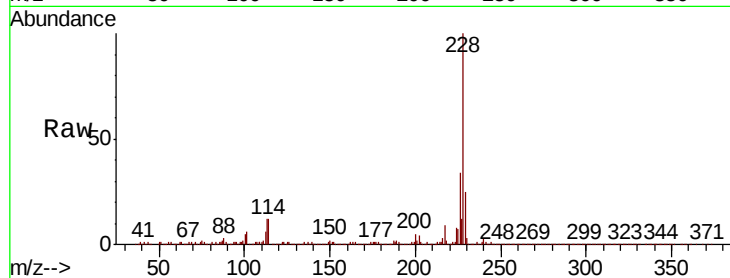




#81
Benzo(a)anthracene
Concen: 71.417 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.06 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

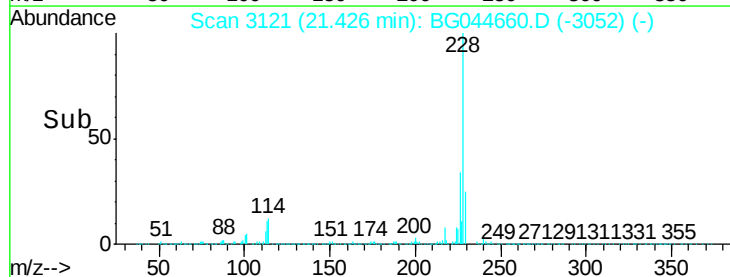
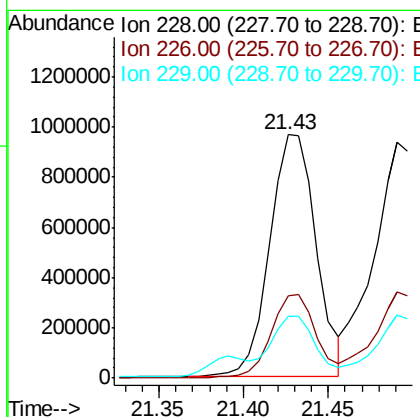
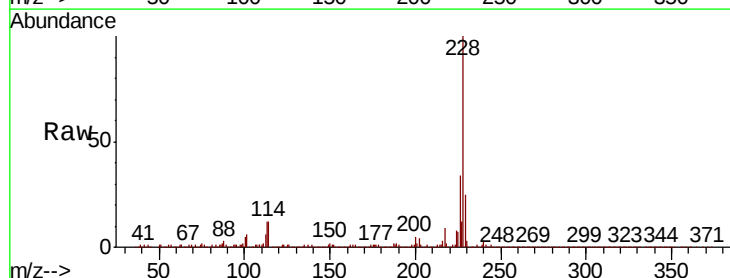
Instrument :
BNA_G
ClientSampleId :

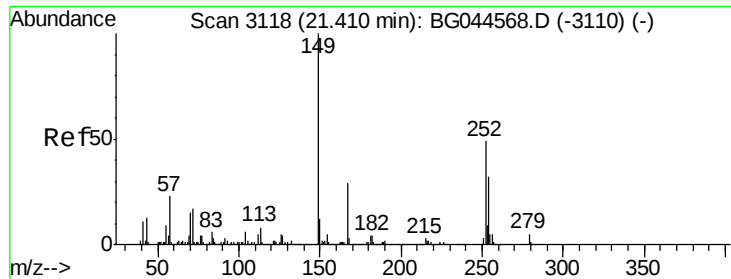
Tot Ion:228 Resp: 1833680
Ion Ratio Lower Upper
228 100
226 34.0 23.8 35.8
229 25.5 17.2 25.8



#83
Chrysene
Concen: 73.864 ng
RT: 21.43 min Scan# 3121
Delta R.T. -0.12 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

Tgt Ion:228 Resp: 1833680
Ion Ratio Lower Upper
228 100
226 34.0 26.1 39.1
229 25.5 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 157.197 ng

RT: 21.36 min Scan# 3110

Delta R.T. -0.05 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

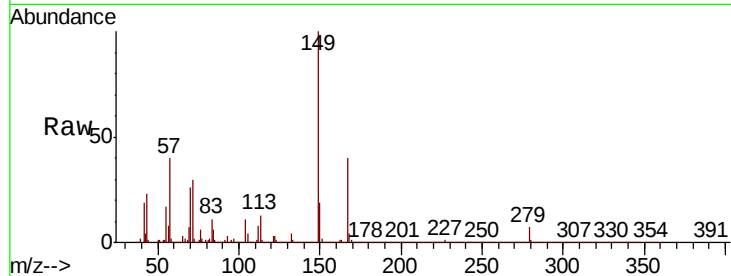
Tot Ion:149 Resp: 2512530

Ion Ratio Lower Upper

149 100

167 40.4 23.4 35.0#

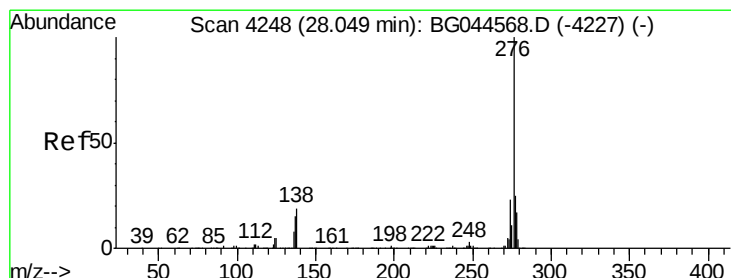
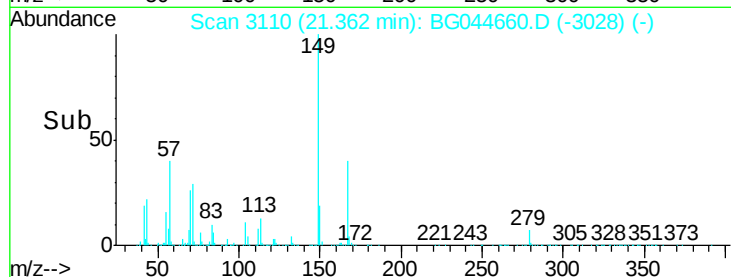
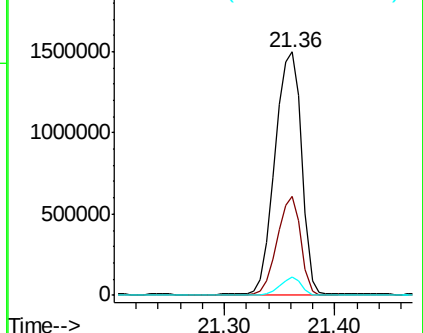
279 7.4 4.2 6.4#



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: 39.116 ng

RT: 27.91 min Scan# 4225

Delta R.T. -0.14 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

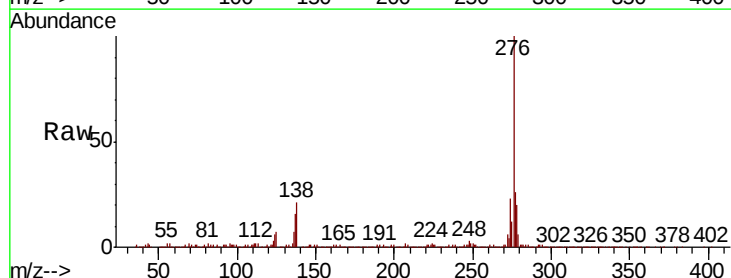
Tgt Ion:276 Resp: 1246214

Ion Ratio Lower Upper

276 100

138 18.7 18.2 27.4

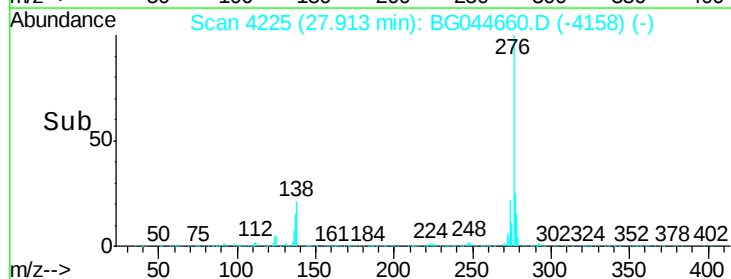
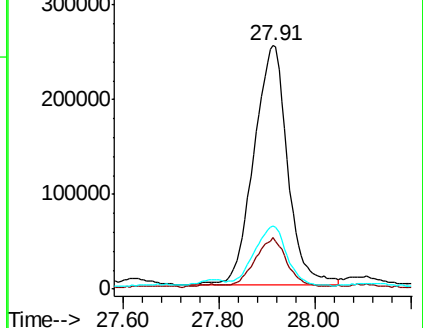
277 24.1 20.7 31.1

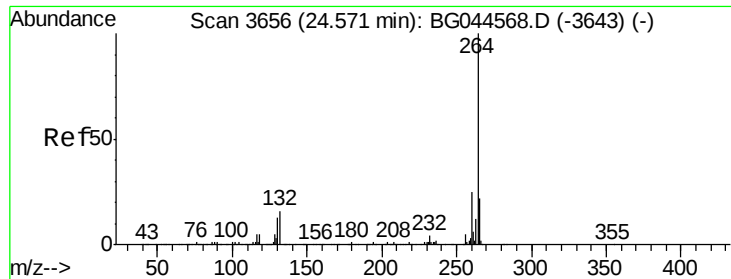


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.48 min Scan# 3640

Delta R.T. -0.10 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

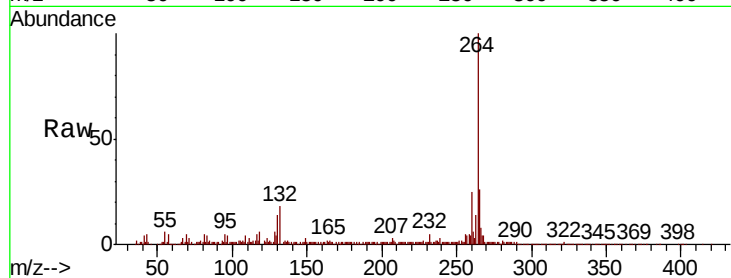
Tot Ion:264 Resp: 432488

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

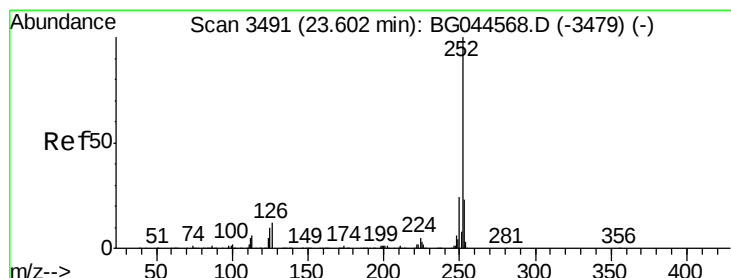
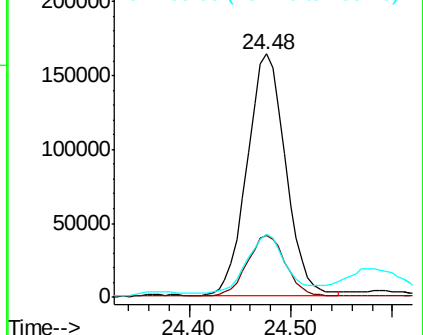
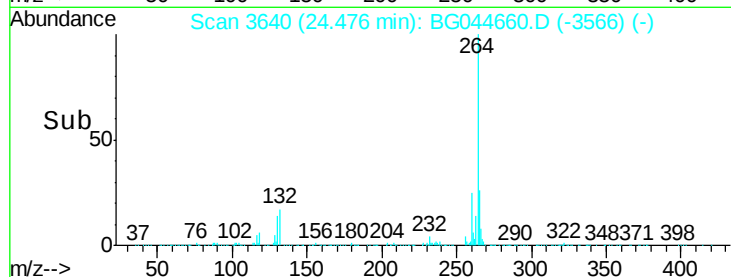
265 26.1 17.8 26.8



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: 87.948 ng

RT: 23.54 min Scan# 3480

Delta R.T. -0.07 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

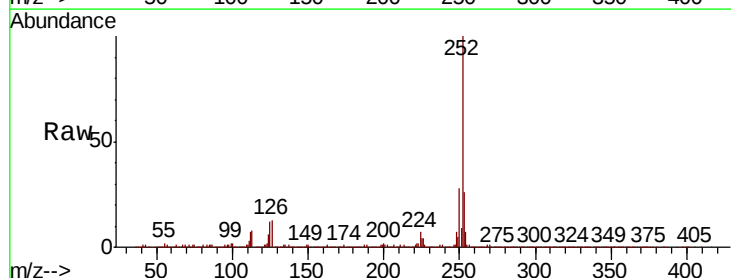
Tgt Ion:252 Resp: 2500817

Ion Ratio Lower Upper

252 100

253 26.2 18.4 27.6

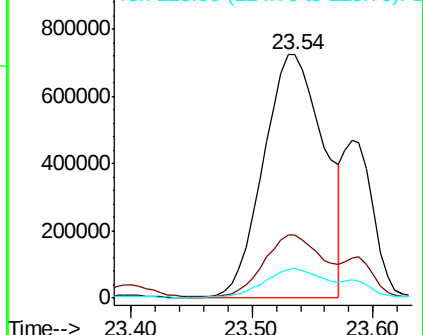
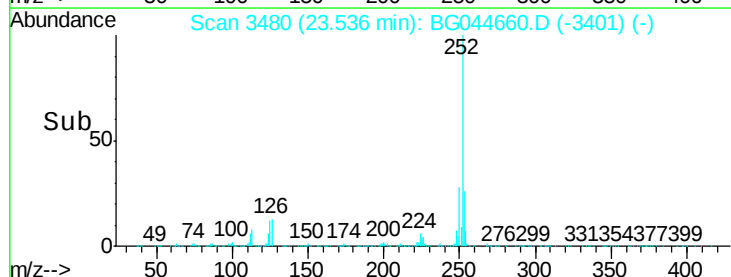
125 12.2 7.9 11.9#

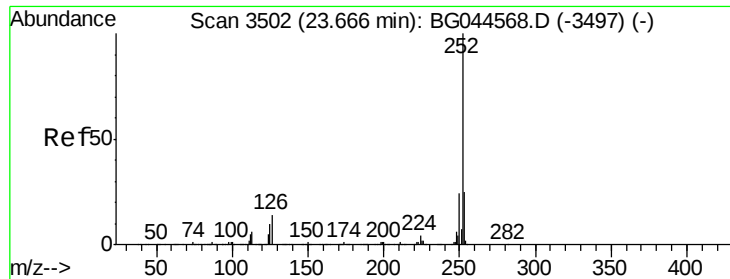


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

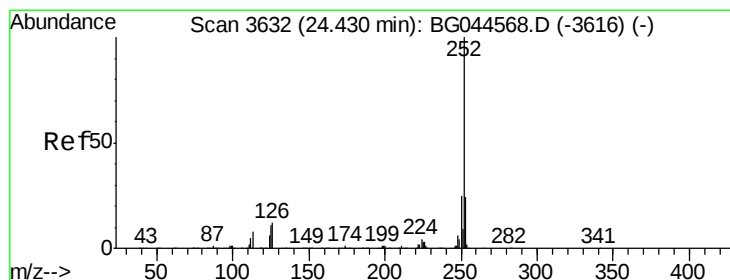
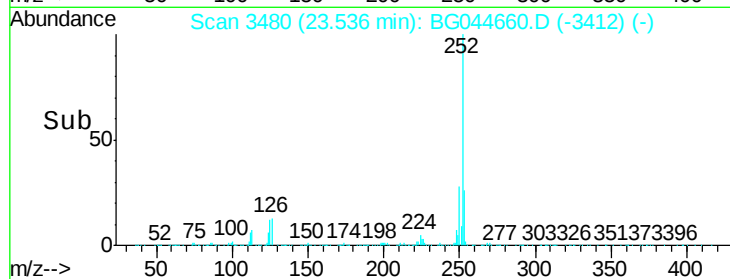
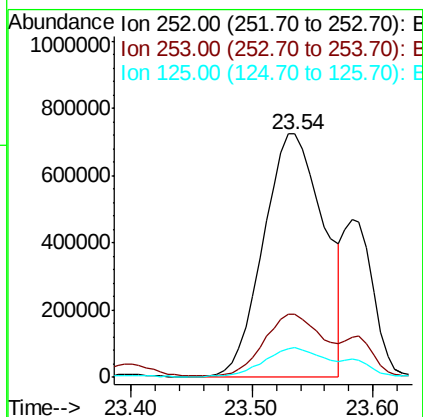
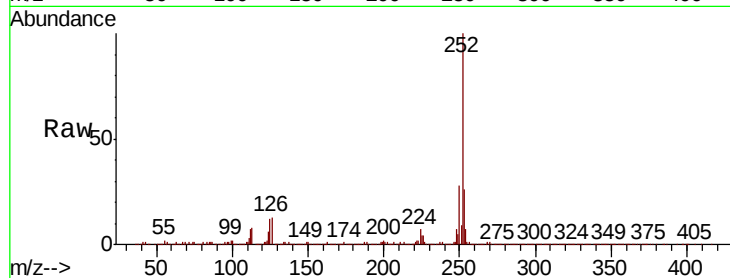




#89
Benzo(k)fluoranthene
Concen: 90.641 ng
RT: 23.54 min Scan# 3480
Delta R.T. -0.13 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

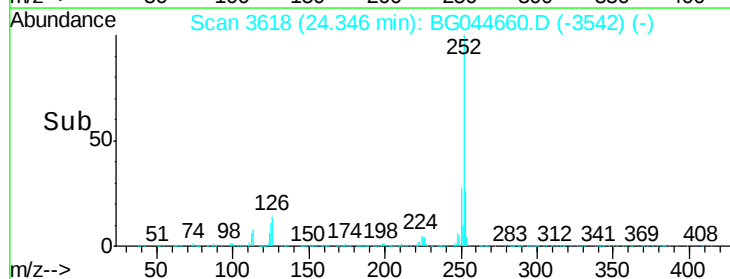
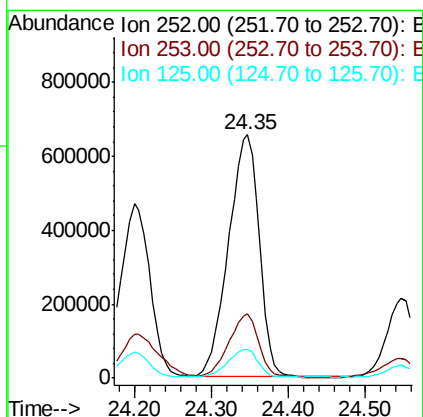
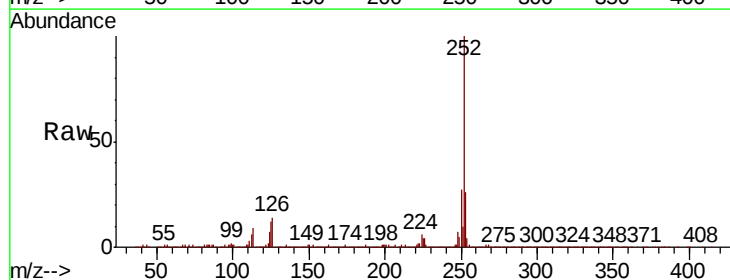
Instrument :
BNA_G
ClientSampled :

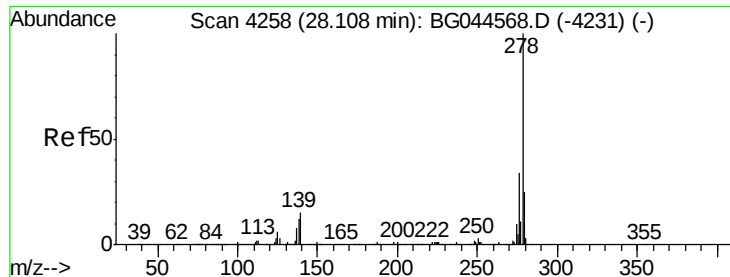
Tot Ion:252 Resp: 2500817
Ion Ratio Lower Upper
252 100
253 26.2 19.0 28.6
125 12.2 7.8 11.8#



#90
Benzo(a)pyrene
Concen: 68.440 ng
RT: 24.35 min Scan# 3618
Delta R.T. -0.08 min
Lab File: BG044660.D
Acq: 3 Mar 2020 10:41

Tgt Ion:252 Resp: 1828472
Ion Ratio Lower Upper
252 100
253 26.2 19.0 28.4
125 11.7 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 11.087 ng

RT: 27.94 min Scan# 4230

Delta R.T. -0.17 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

Instrument :

BNA_G

ClientSampleId :

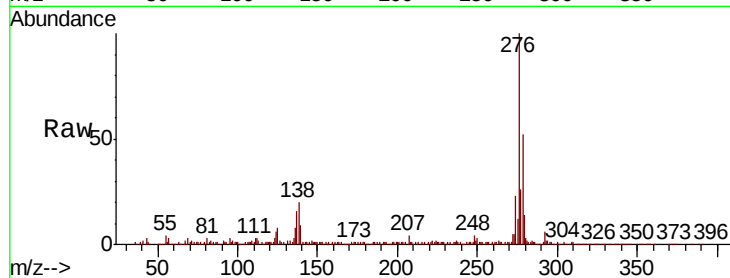
Tot Ion:278 Resp: 292949

Ion Ratio Lower Upper

278 100

139 17.1 11.7 17.5

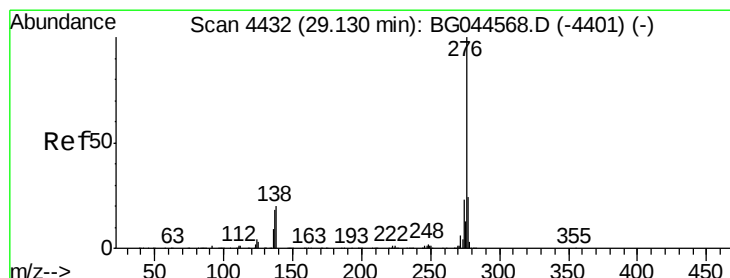
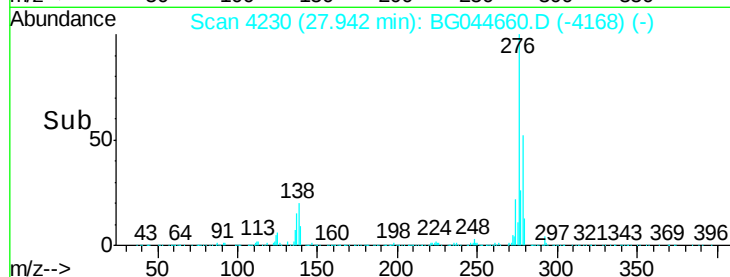
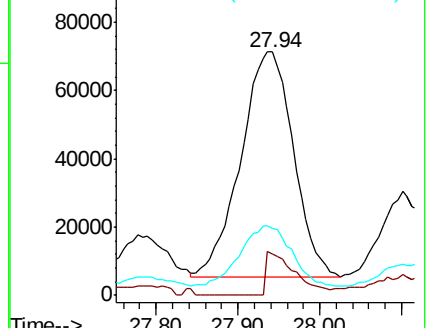
279 27.7 19.8 29.6



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



#92

Benzo(g,h,i)perylene

Concen: 44.613 ng

RT: 28.98 min Scan# 4406

Delta R.T. -0.15 min

Lab File: BG044660.D

Acq: 3 Mar 2020 10:41

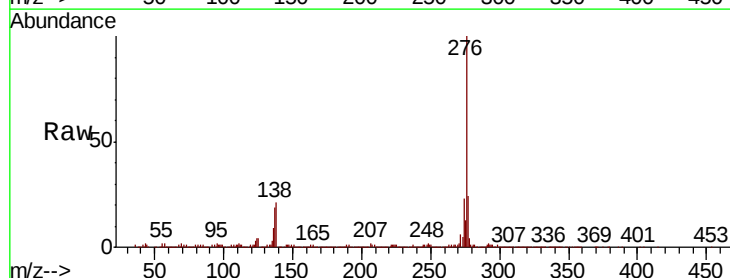
Tgt Ion:276 Resp: 1181011

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 21.2 16.1 24.1



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

