

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
 Data File : BG041370.D
 Acq On : 21 Jun 2019 1:20
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 02:02:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

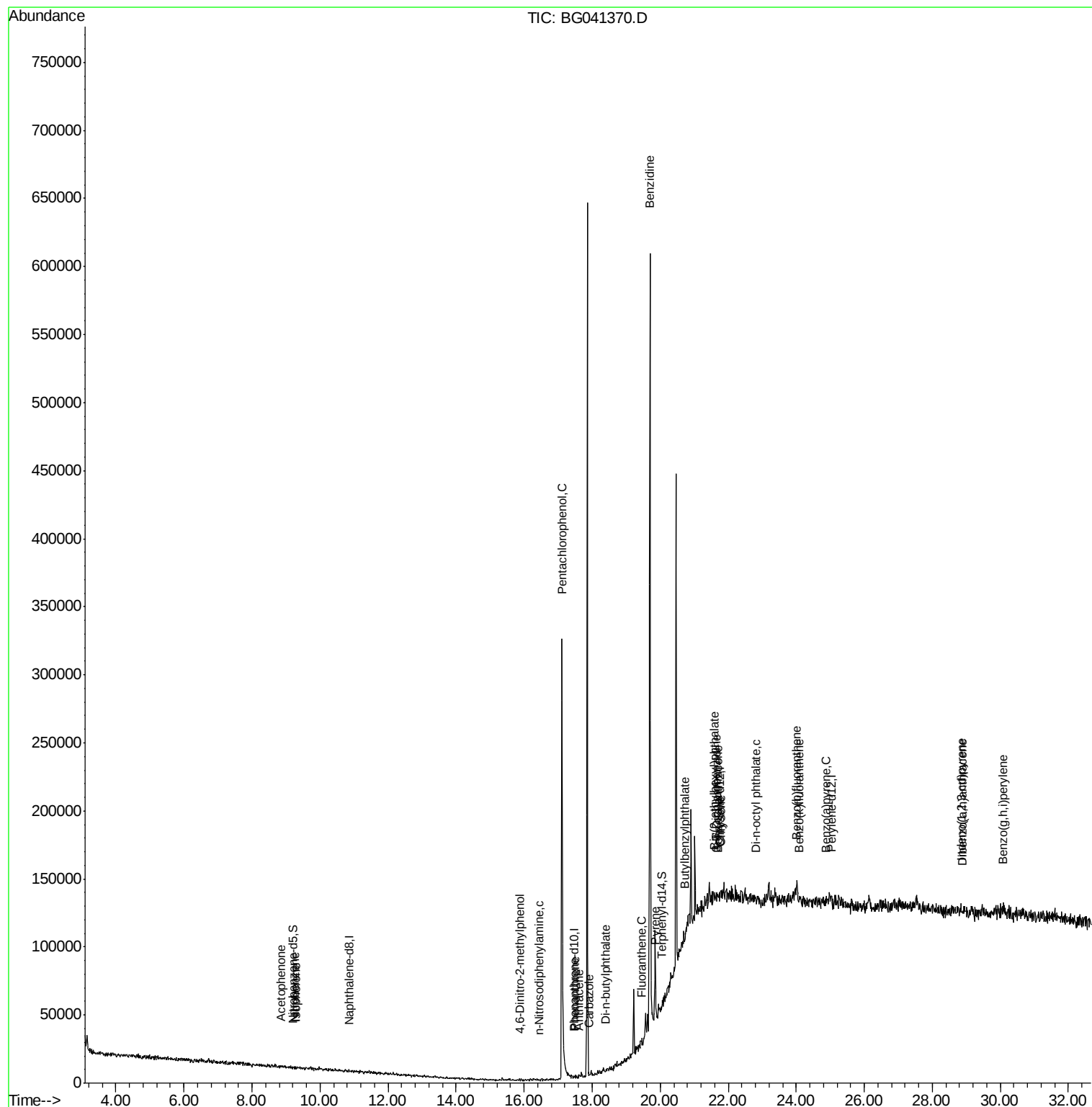
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.08
21) Naphthalene-d8	10.85	136	60	20.00	ng	-0.06
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.72
64) Phenanthrene-d10	17.47	188	61	20.00	ng	0.00
76) Chrysene-d12	21.75	240	694	20.00	ng	0.00
87) Perylene-d12	25.03	264	301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	140	0.00	ng	0.01
7) Phenol-d6	7.25	99	94	0.00	ng	0.02
23) Nitrobenzene-d5	9.21	82	55	38.55	ng	-0.05
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	20.06	244	719	20.53	ng	0.00
Target Compounds						
					Qvalue	
22) Acetophenone	8.86	105	57	32.646	ng	# 46
24) Nitrobenzene	9.26	77	55	38.332	ng	# 44
25) Isophorone	9.30	82	60	22.924	ng	# 68
65) 4,6-Dinitro-2-methylphenol	15.87	198	82	207.103	ng	# 35
66) n-Nitrosodiphenylamine	16.45	169	63	38.896	ng	# 23
69) Atrazine	17.11	200	15535	Below Cal		# 33
70) Pentachlorophenol	17.11	266	75243	173974.807	ng	98
71) Phenanthrene	17.50	178	187	57.479	ng	# 59
72) Anthracene	17.61	178	258	80.440	ng	# 60
73) Carbazole	17.89	167	171	60.946	ng	# 36
74) Di-n-butylphthalate	18.40	149	1012	289.070	ng	# 76
75) Fluoranthene	19.45	202	74	17.121	ng	65
77) Benzidine	19.70	184	380624	22674.757	ng	99
78) Pyrene	19.87	202	1604	34.271	ng	# 58
80) Butylbenzylphthalate	20.74	149	358	20.222	ng	96
81) Benzo(a)anthracene	21.72	228	580	12.343	ng	# 27
82) 3,3'-Dichlorobenzidine	21.64	252	1674	101.483	ng	# 78
83) Chrysene	21.78	228	490	10.843	ng	# 4
84) Bis(2-ethylhexyl)phthalate	21.58	149	1141	47.293	ng	# 75
85) Di-n-octyl phthalate	22.81	149	940	23.029	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.86	276	2077	38.740	ng	# 54
88) Benzo(b)fluoranthene	23.99	252	1166	62.507	ng	# 1
89) Benzo(k)fluoranthene	24.08	252	1060	57.361	ng	# 1
90) Benzo(a)pyrene	24.87	252	289	16.404	ng	# 1
91) Dibenzo(a,h)anthracene	28.89	278	201	11.333	ng	# 2
92) Benzo(g,h,i)perylene	30.07	276	8249	470.627	ng	# 76

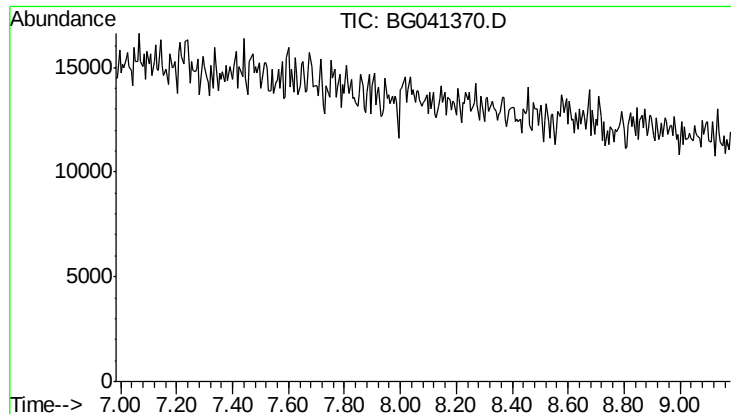
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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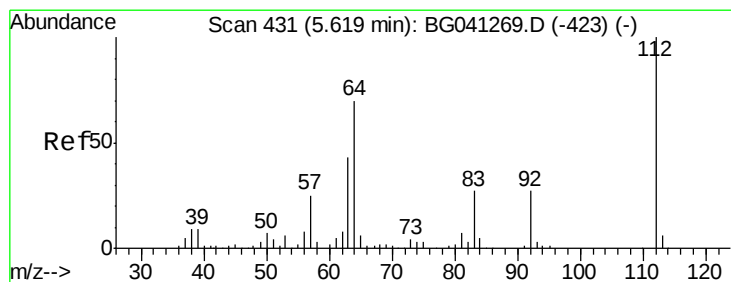
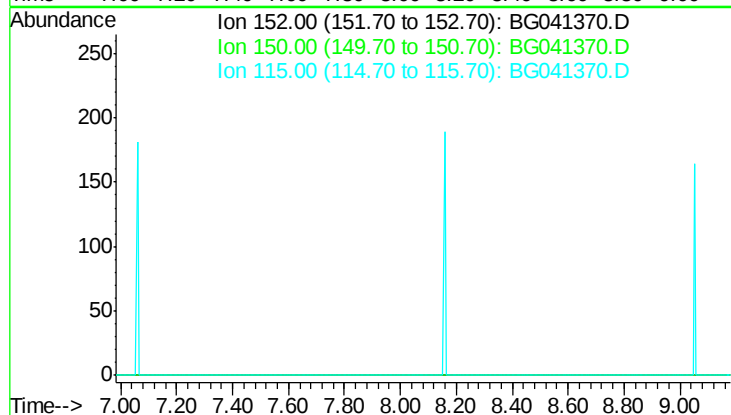




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.08 min
 Lab File: BG041370.D
 Acq: 21 Jun 2019 1:20

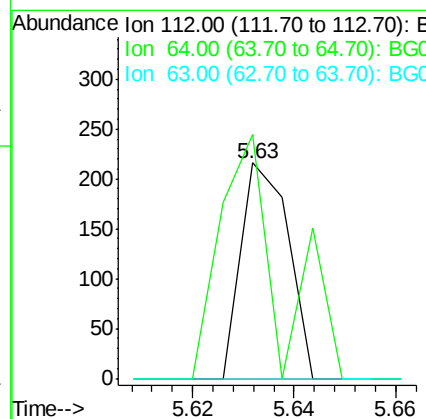
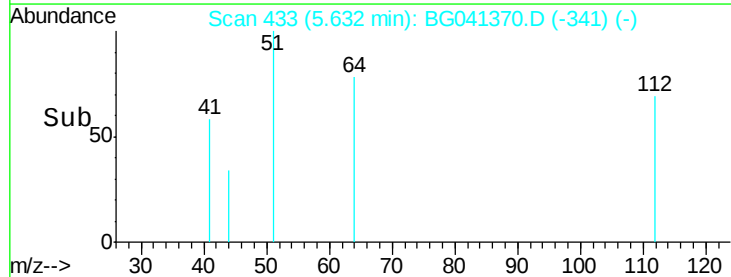
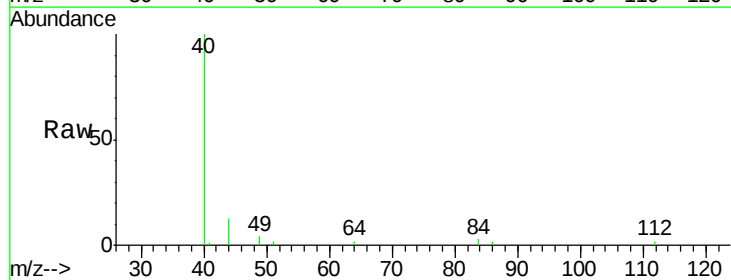
Instrument :
 BNA_G
 ClientSampleId :

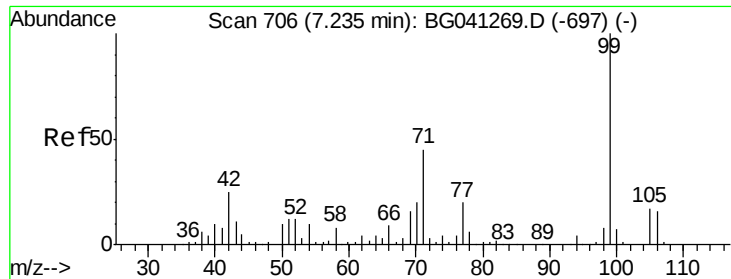
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 150.8
 115 59.9



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.63 min Scan# 433
 Delta R.T. 0.01 min
 Lab File: BG041370.D
 Acq: 21 Jun 2019 1:20

Tgt Ion: 112 Resp: 140
 Ion Ratio Lower Upper
 112 100
 64 113.0 55.9 83.9#
 63 0.0 34.6 51.8#





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.02 min

Lab File: BG041370.D

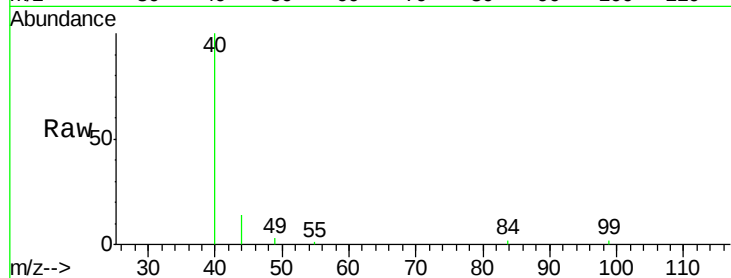
Acq: 21 Jun 2019 1:20

Instrument :

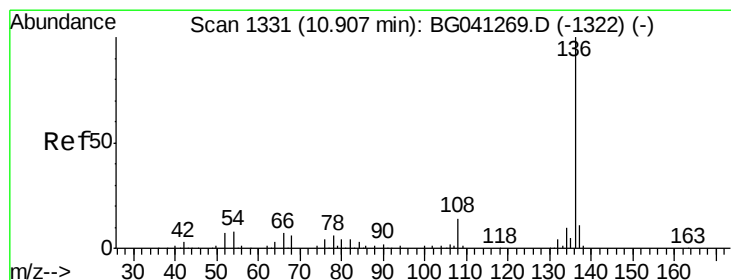
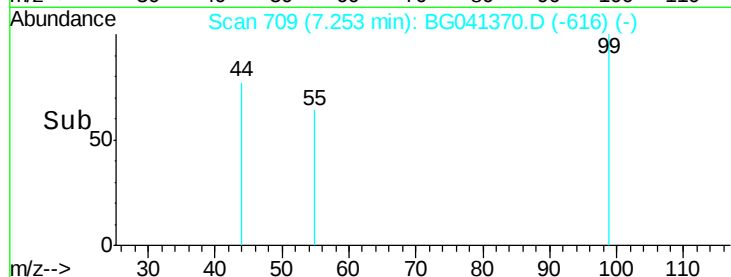
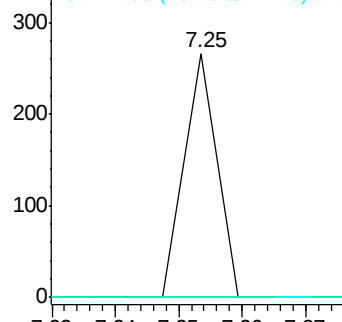
BNA_G

ClientSampleId :

Tot Ion:	99	Resp:	94
Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.9	29.9#
71	0.0	36.4	54.6#



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



#21

Naphthalene-d8

Concen: 20.000 ng

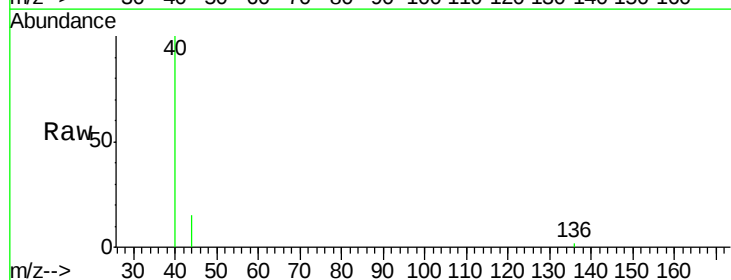
RT: 10.85 min Scan# 1321

Delta R.T. -0.06 min

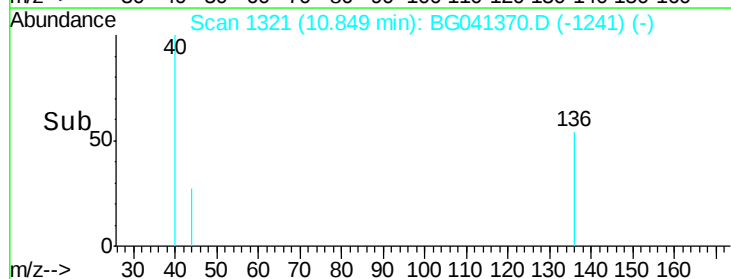
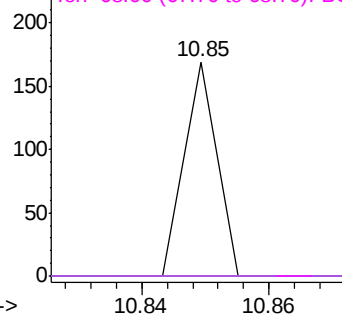
Lab File: BG041370.D

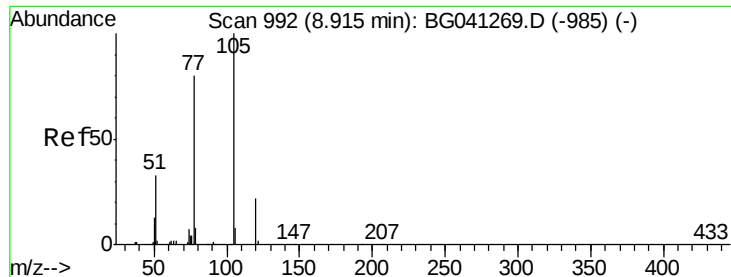
Acq: 21 Jun 2019 1:20

Tgt Ion:	136	Resp:	60
Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.8	13.2#
54	0.0	6.4	9.6#
68	0.0	4.8	7.2#



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





#22

Acetophenone

Concen: 32.646 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.05 min

Lab File: BG041370.D

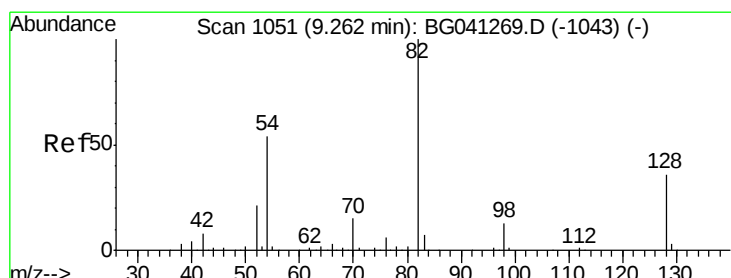
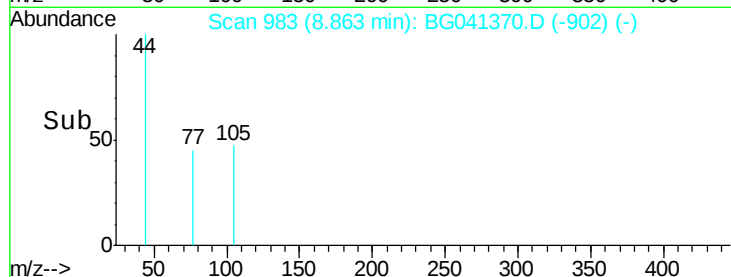
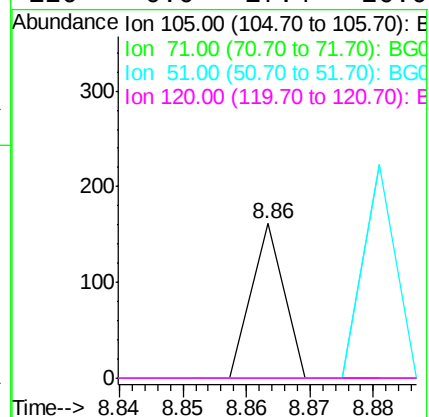
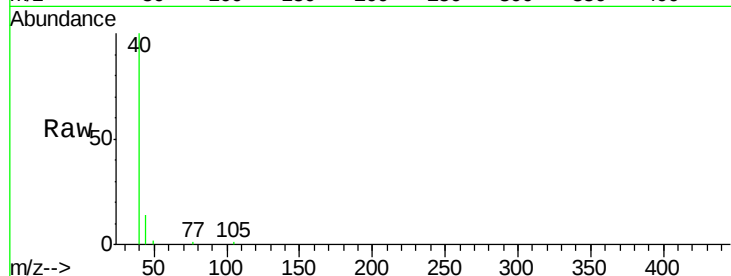
Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	0.0	28.2	42.4#
120	0.0	17.4	26.0#



#23

Nitrobenzene-d5

Concen: 38.552 ng

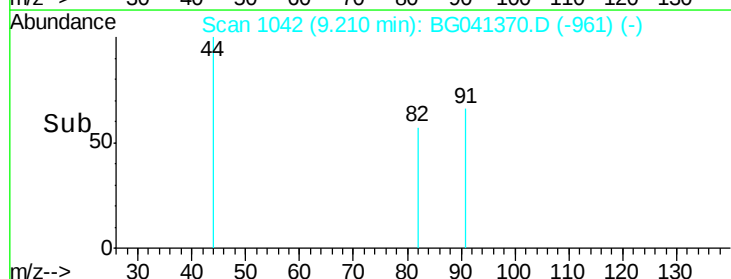
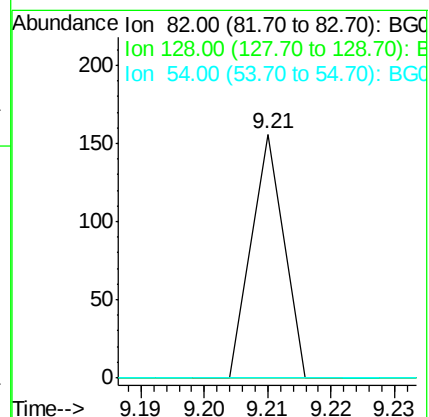
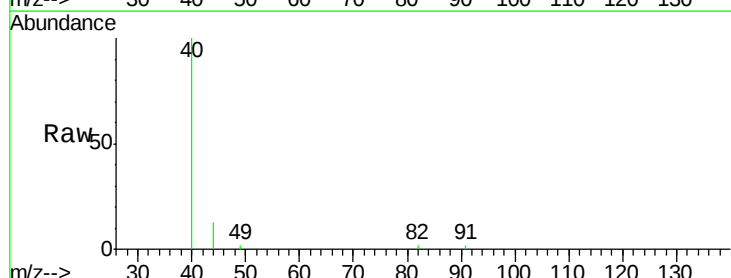
RT: 9.21 min Scan# 1042

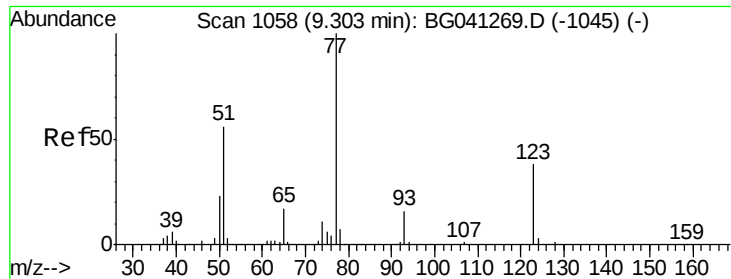
Delta R.T. -0.05 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Tgt Ion:	82	Resp:	55
Ion	Ratio	Lower	Upper
82	100		
128	0.0	29.2	43.8#
54	0.0	43.4	65.0#

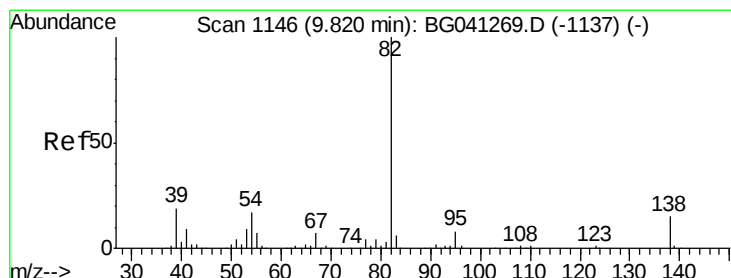
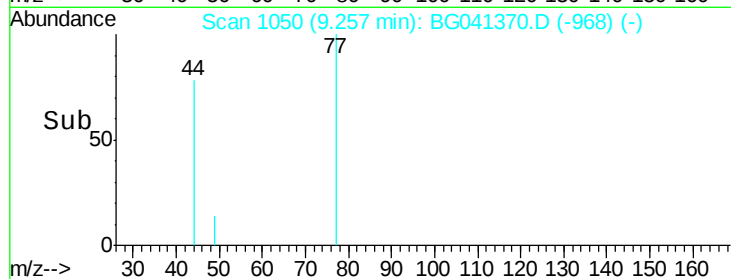
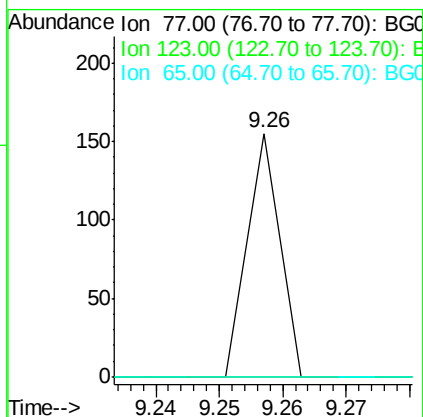
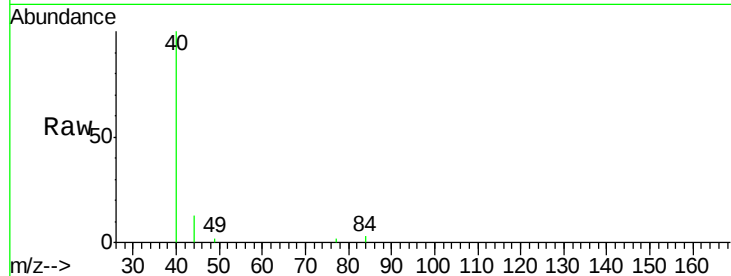




#24
Nitrobenzene
Concen: 38.332 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.05 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

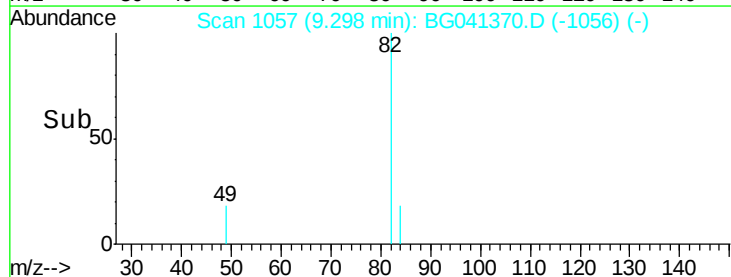
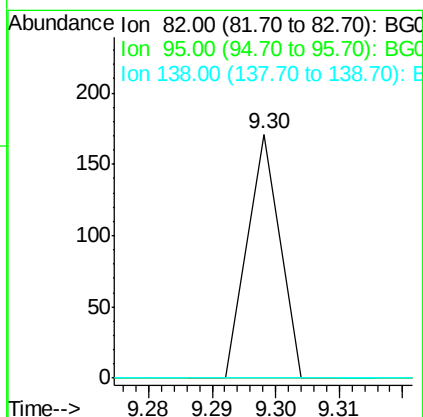
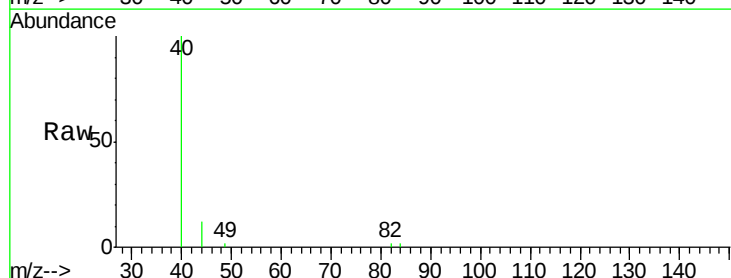
Instrument :
BNA_G
ClientSampleId :

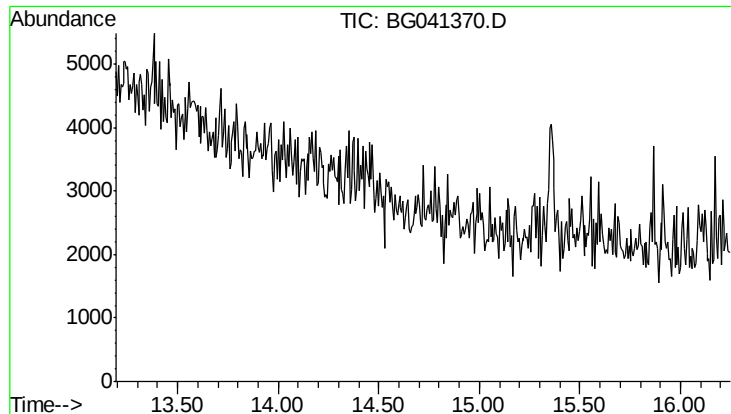
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.4	45.6#
65	0.0	13.3	19.9#



#25
Isophorone
Concen: 22.924 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.52 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	12.3	18.5#





#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.72 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Tot Ion: 164

Sig Exp Ratio

164 100

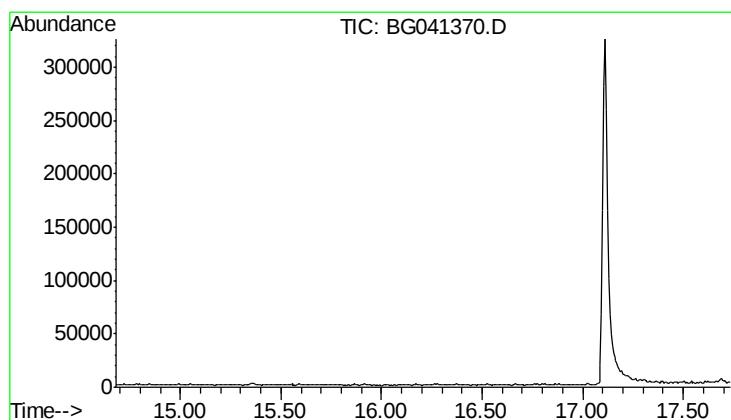
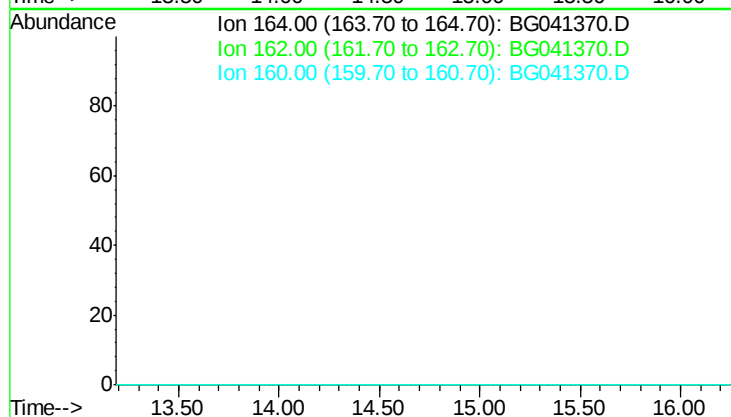
162 103.5

160 44.8

Instrument :

BNA_G

ClientSampleId :



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.21 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

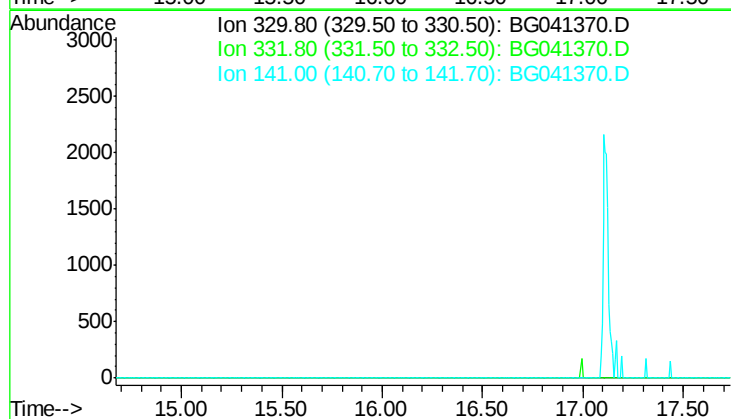
Tgt Ion: 330

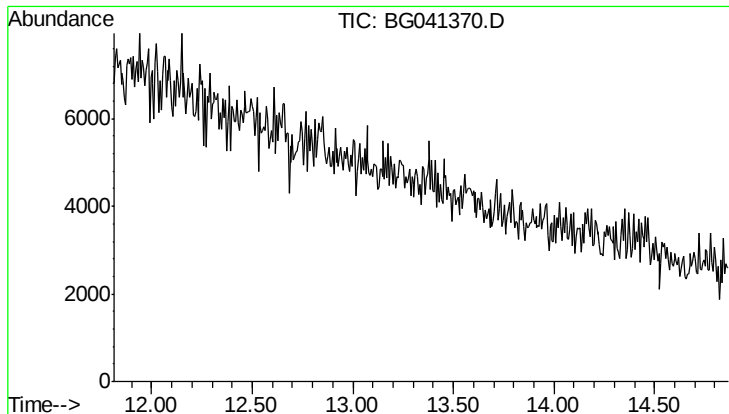
Sig Exp Ratio

330 100

332 94.4

141 36.2

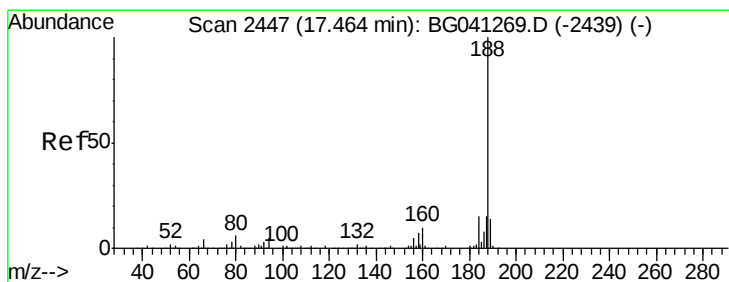
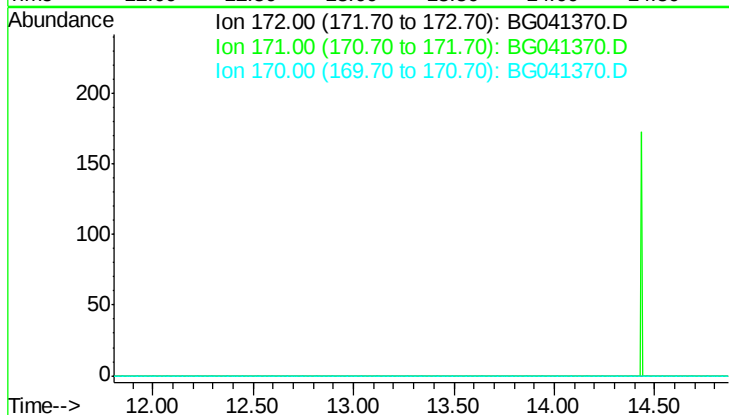




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.34 min
 Lab File: BG041370.D
 Acq: 21 Jun 2019 1:20

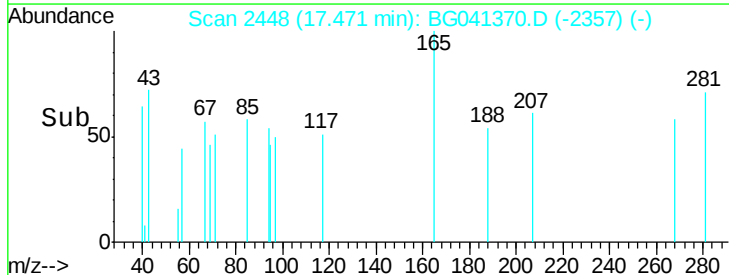
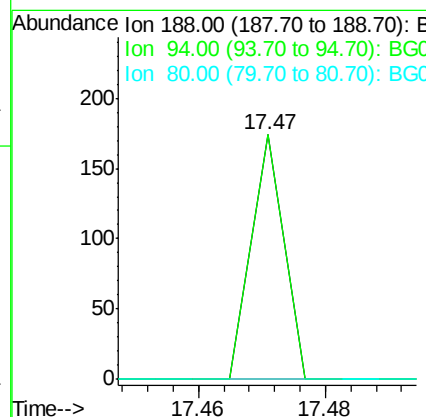
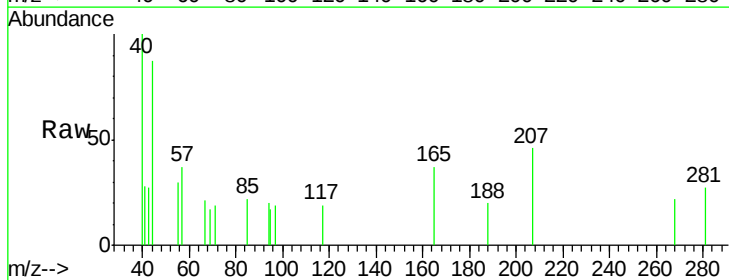
Instrument :
 BNA_G
 ClientSampleId :

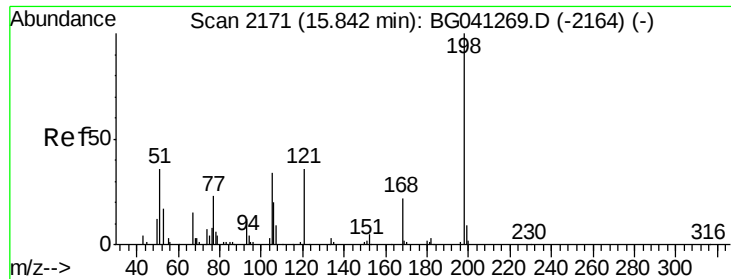
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 37.5
 170 24.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BG041370.D
 Acq: 21 Jun 2019 1:20

Tgt Ion: 188 Resp: 61
 Ion Ratio Lower Upper
 188 100
 94 100.0 3.6 5.4#
 80 0.0 4.8 7.2#





#65

4,6-Dinitro-2-methylphenol

Concen: 207.103 ng

RT: 15.87 min Scan# 2176

Delta R.T. 0.03 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

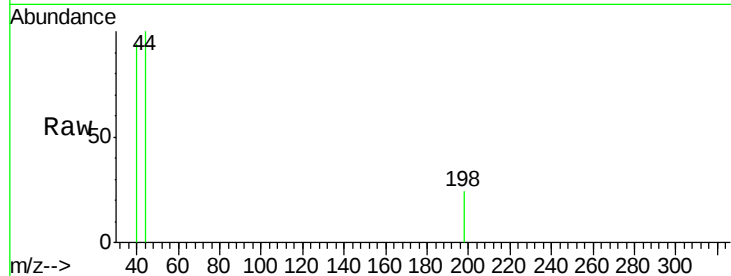
Tot Ion:198 Resp: 82

Ion Ratio Lower Upper

198 100

51 0.0 23.4 63.4#

105 0.0 15.8 55.8#



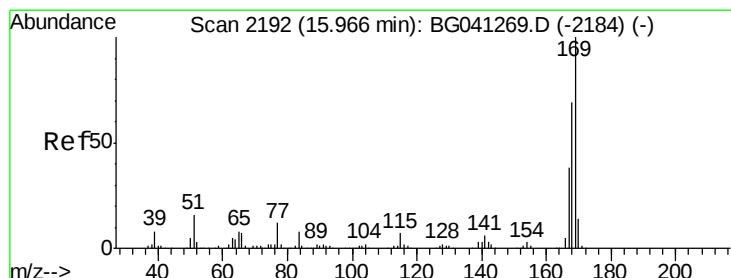
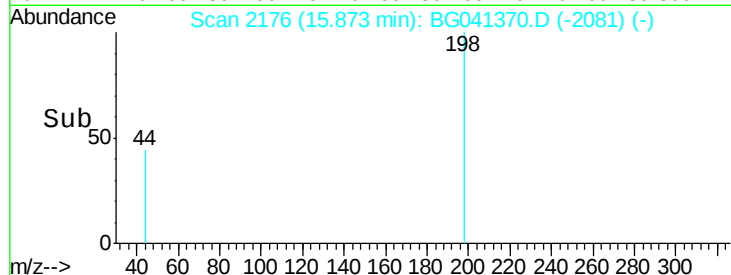
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.87

Time-->



#66

n-Nitrosodiphenylamine

Concen: 38.896 ng

RT: 16.45 min Scan# 2275

Delta R.T. 0.49 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

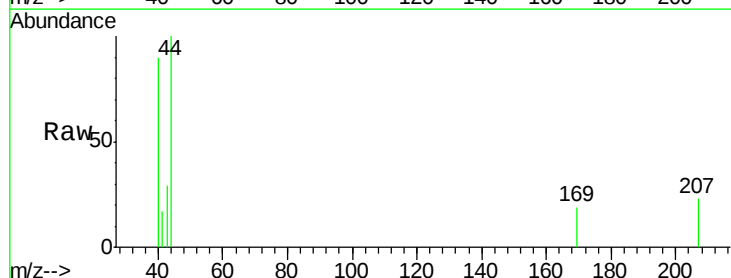
Tgt Ion:169 Resp: 63

Ion Ratio Lower Upper

169 100

168 0.0 55.2 82.8#

167 0.0 30.4 45.6#



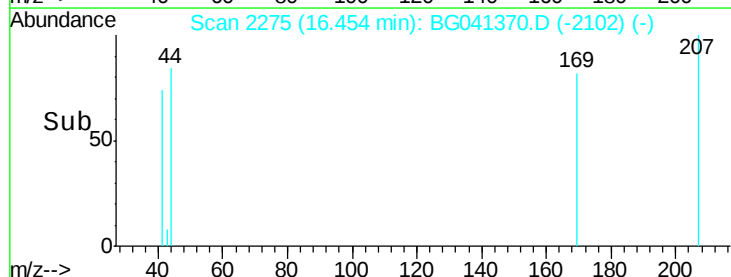
Abundance Ion 169.00 (168.70 to 169.70): E

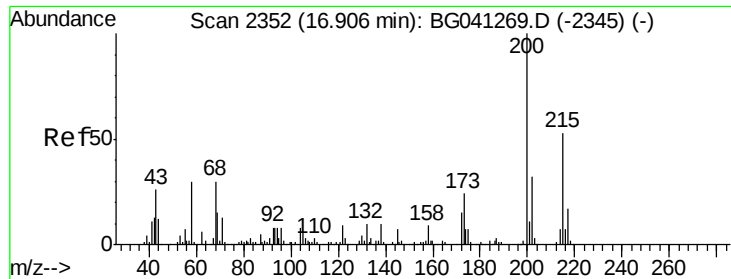
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.45

Time-->





#69

Atrazine

Concen: Below Cal

RT: 17.11 min Scan# 2387

Delta R.T. 0.21 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

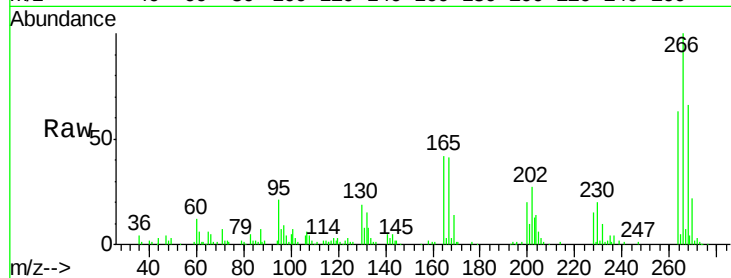
Tot Ion:200 Resp: 15535

Ion Ratio Lower Upper

200 100

173 0.0 4.0 44.0#

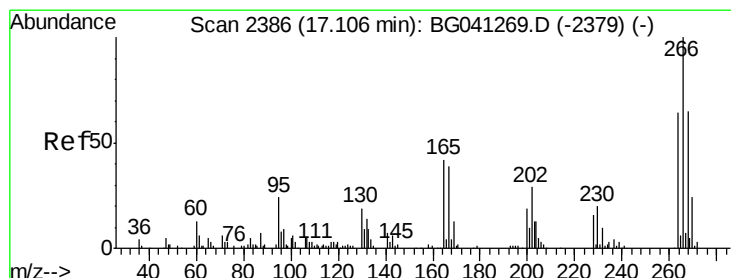
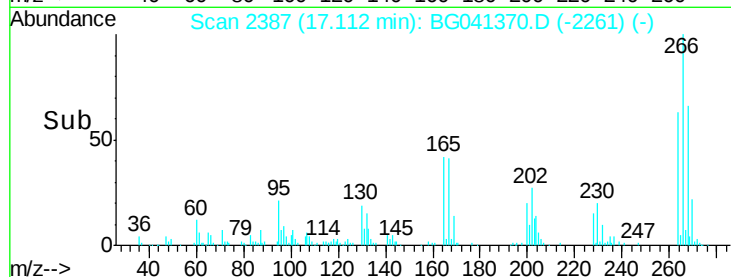
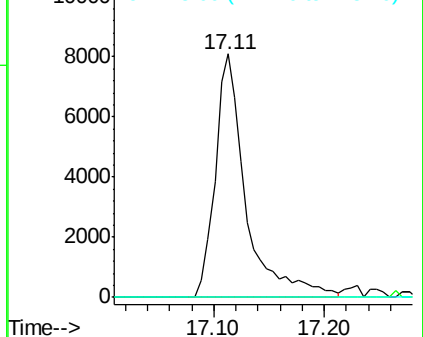
215 0.0 33.4 73.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 173974.807 ng

RT: 17.11 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

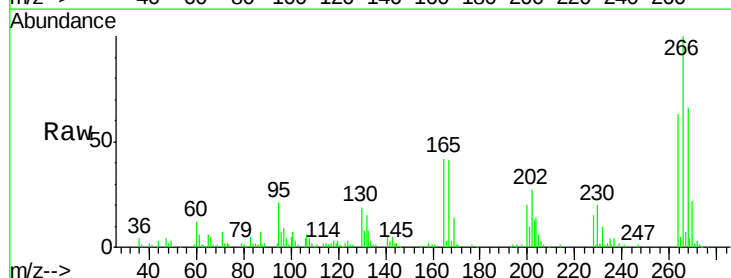
Tgt Ion:266 Resp: 75243

Ion Ratio Lower Upper

266 100

268 66.5 52.0 78.0

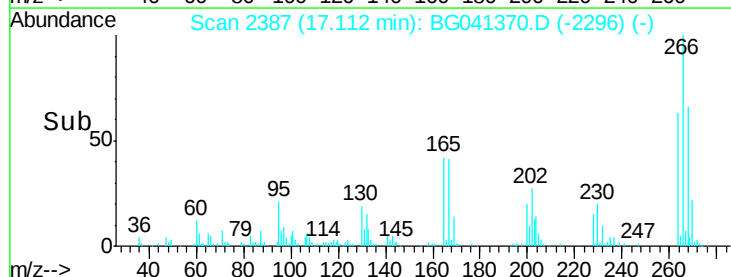
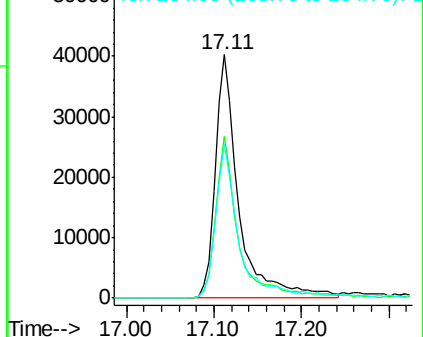
264 63.1 51.2 76.8

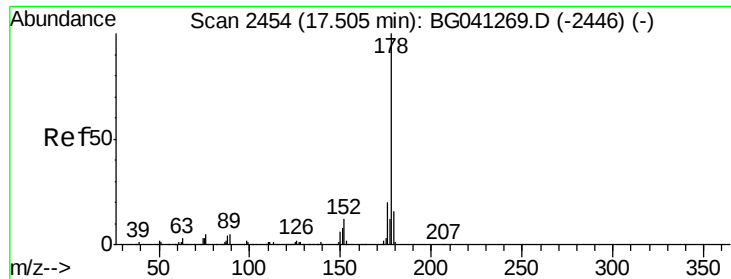


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.479 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampled :

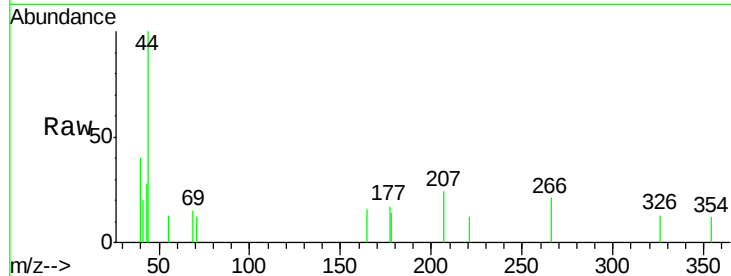
Tot Ion:178 Resp: 187

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

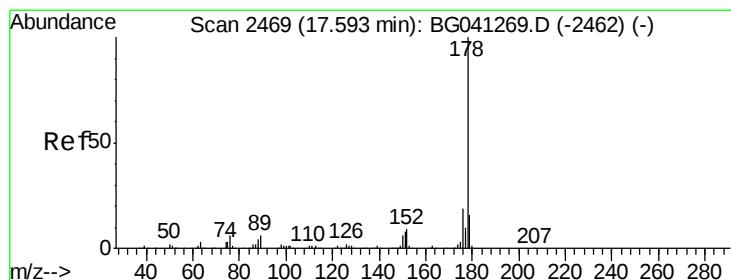
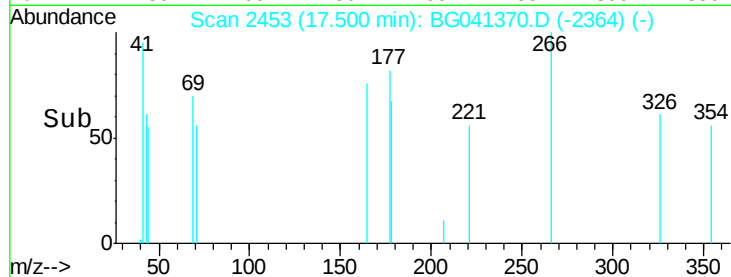
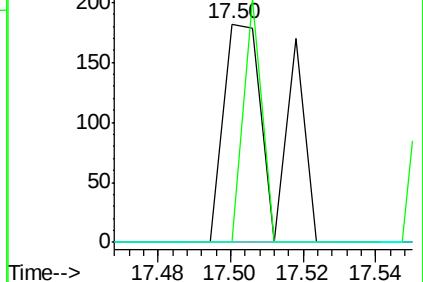
179 0.0 12.9 19.3#



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: 80.440 ng

RT: 17.61 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

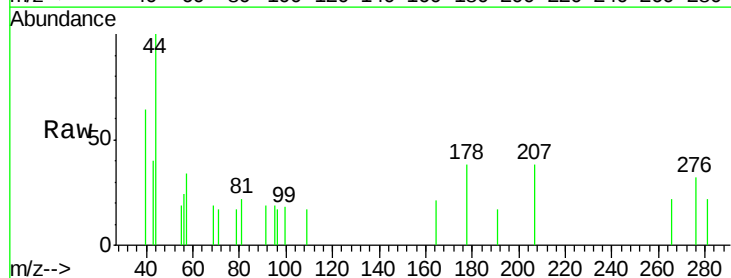
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

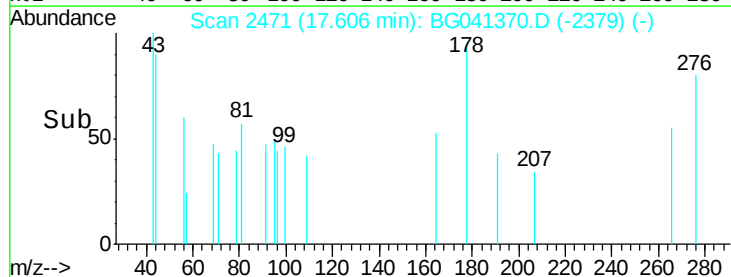
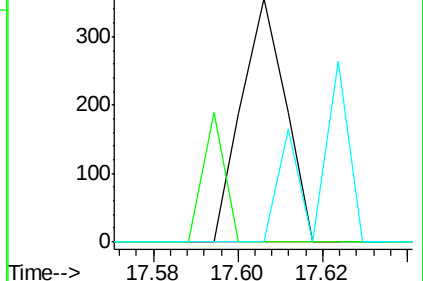
179 0.0 13.0 19.4#

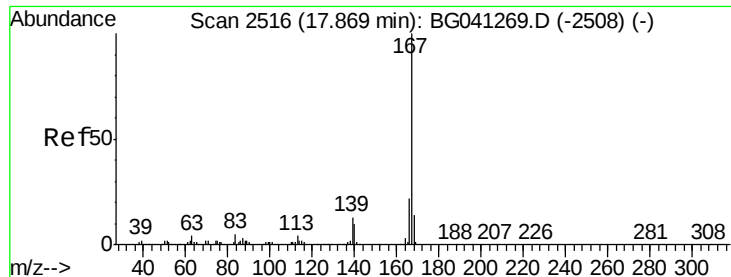


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 60.946 ng

RT: 17.89 min Scan# 2520

Delta R.T. 0.02 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

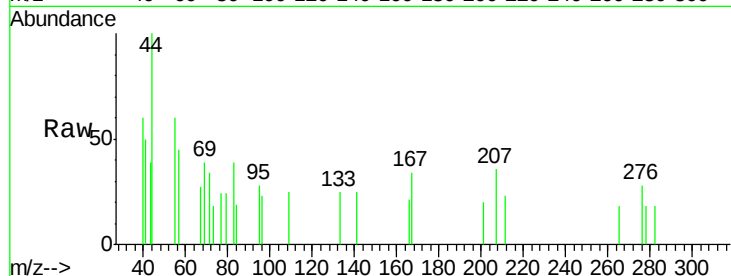
Tot Ion:167 Resp: 171

Ion Ratio Lower Upper

167 100

166 62.2 17.9 26.9#

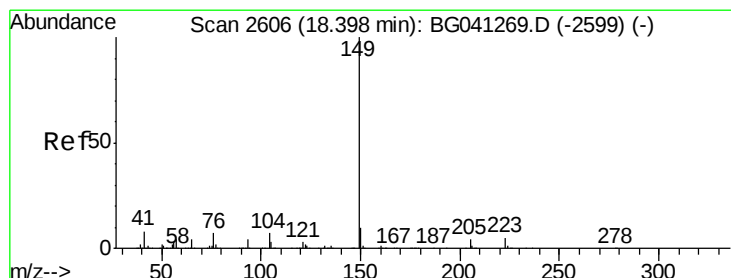
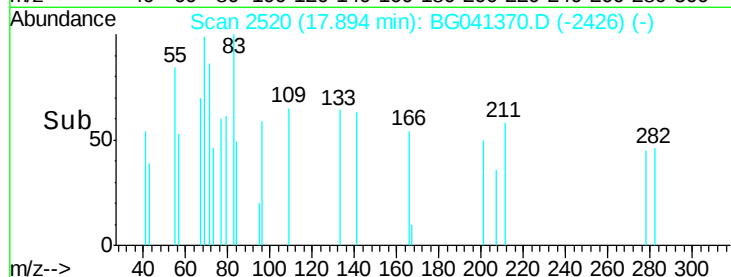
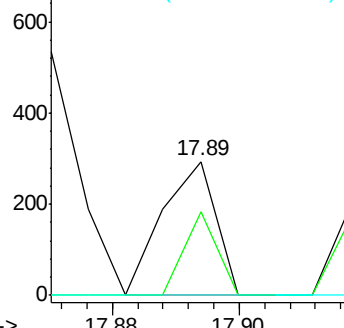
139 0.0 10.7 16.1#



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

Di-n-butylphthalate

Concen: 289.070 ng

RT: 18.40 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

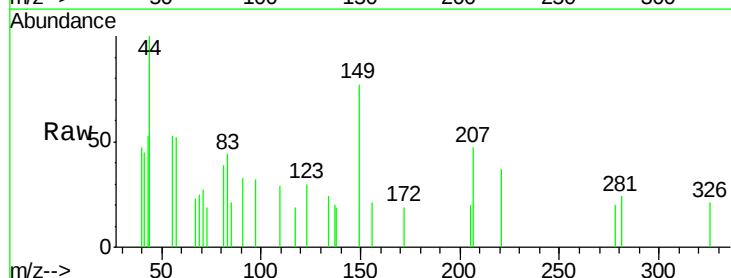
Tgt Ion:149 Resp: 1012

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

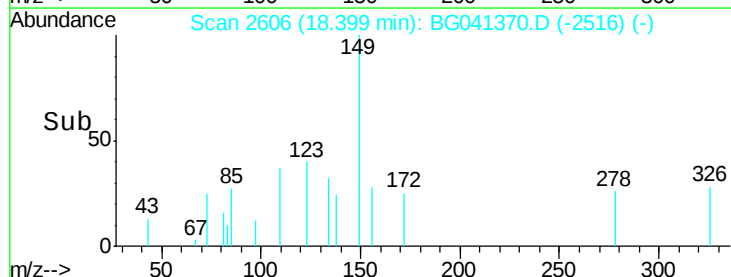
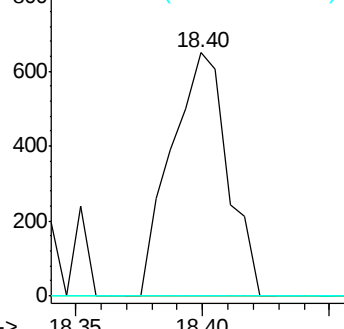
104 0.0 5.4 8.0#

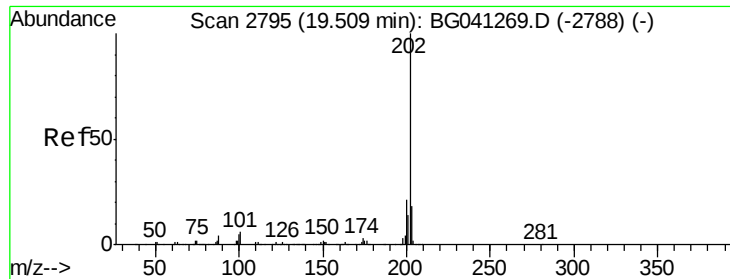


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 17.121 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.06 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampled :

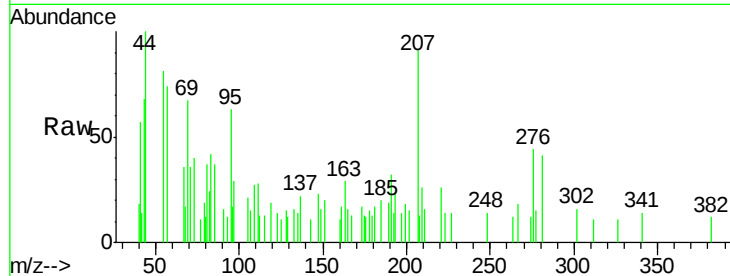
Tot Ion:202 Resp: 74

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.0

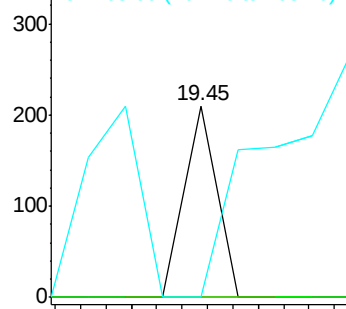
203 0.0 0.0 37.7



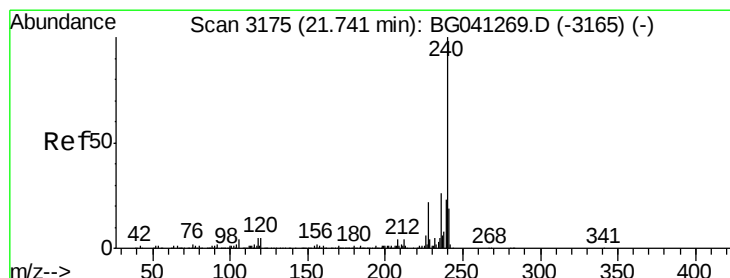
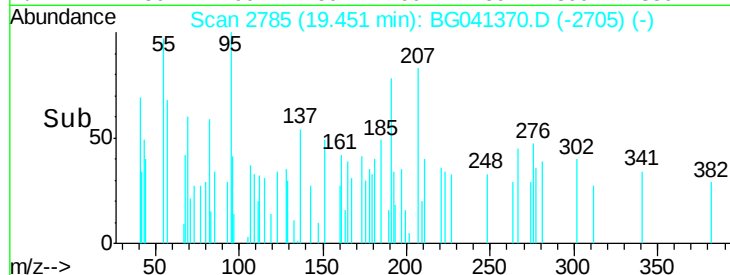
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

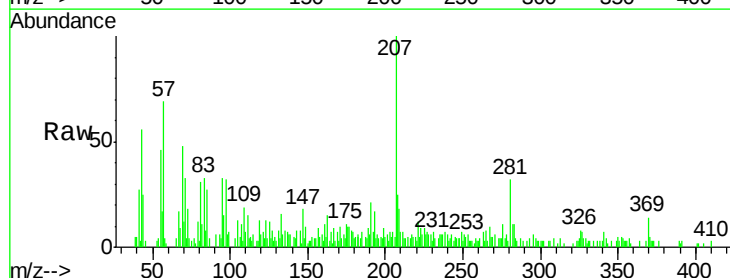
Tgt Ion:240 Resp: 694

Ion Ratio Lower Upper

240 100

120 99.0 3.7 5.5#

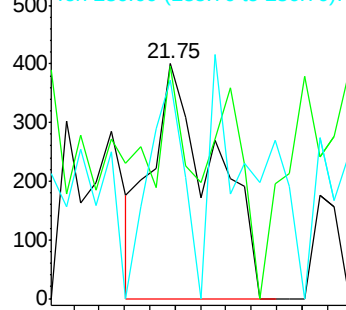
236 93.0 21.1 31.7#



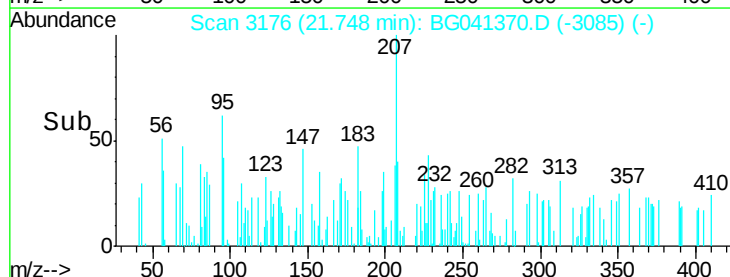
Abundance Ion 240.00 (239.70 to 240.70): E

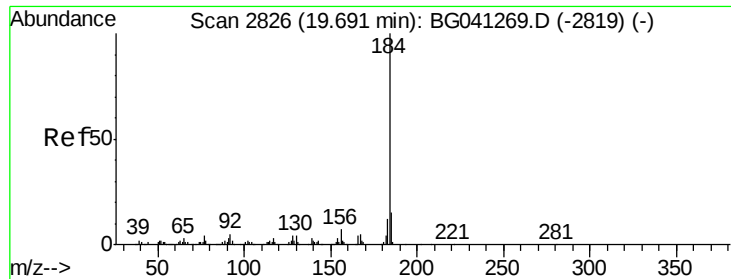
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

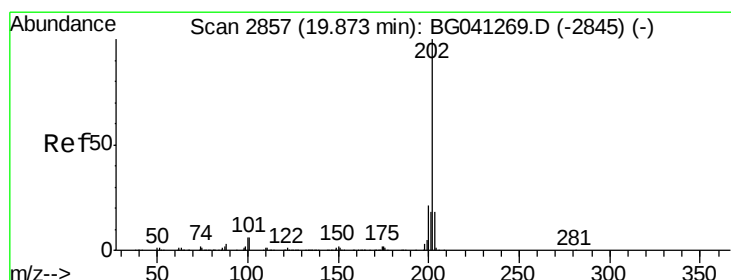
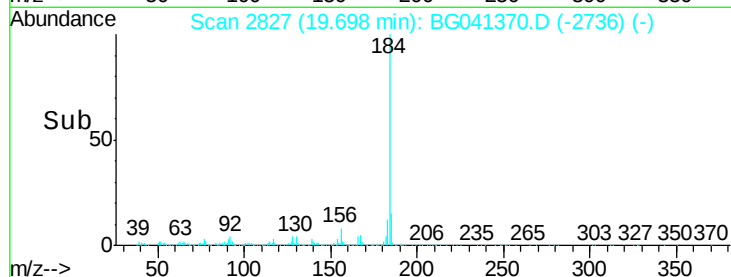
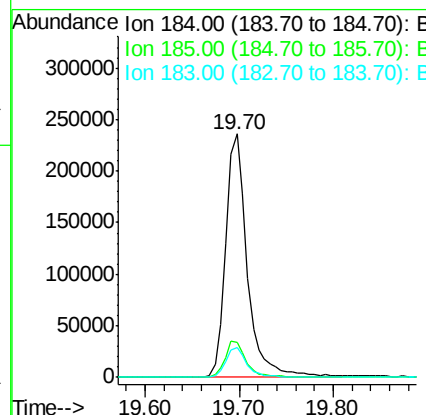
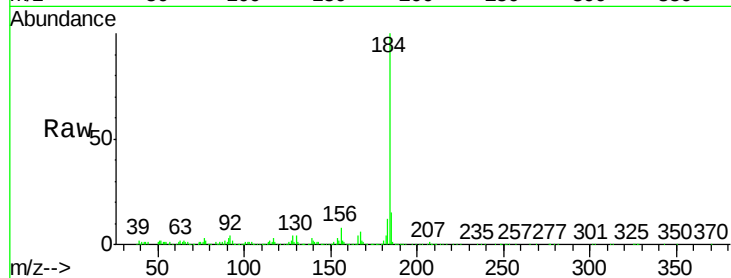




#77
Benzidine
Concen: 22674.757 ng
RT: 19.70 min Scan# 2827
Delta R.T. 0.01 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

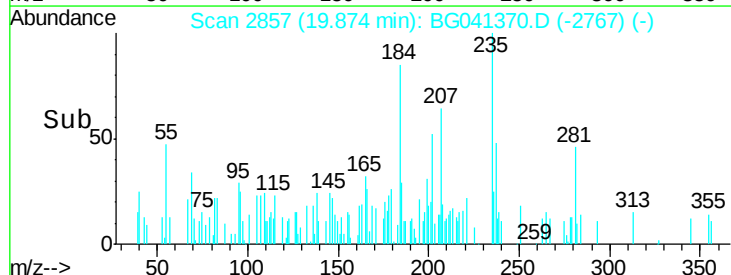
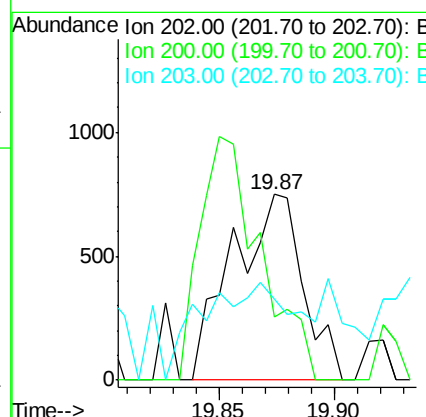
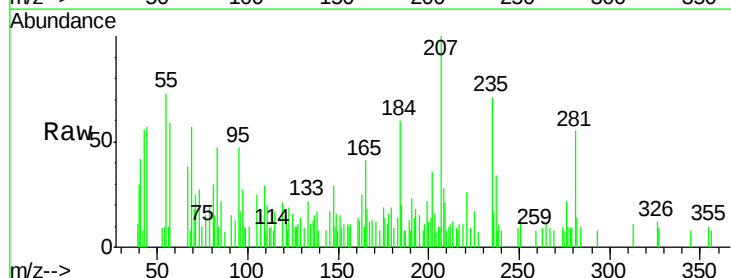
Instrument :
BNA_G
ClientSampleId :

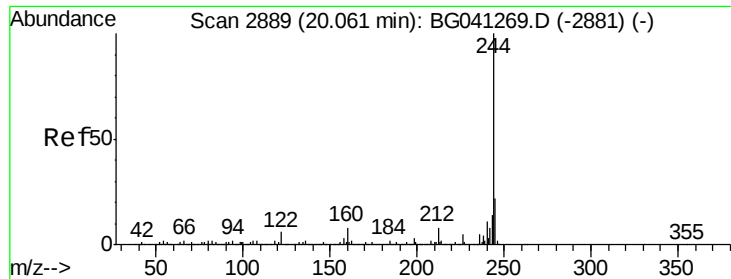
Tot Ion:184 Resp: 380624
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 12.3 9.6 14.4



#78
Pyrene
Concen: 34.271 ng
RT: 19.87 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

Tgt Ion:202 Resp: 1604
Ion Ratio Lower Upper
202 100
200 34.2 16.8 25.2#
203 43.8 14.6 21.8#





#79

Terphenyl-d14

Concen: 20.532 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

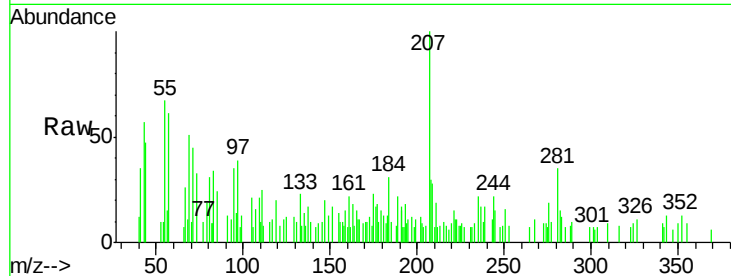
Tot Ion:244 Resp: 719

Ion Ratio Lower Upper

244 100

212 34.0 6.6 10.0#

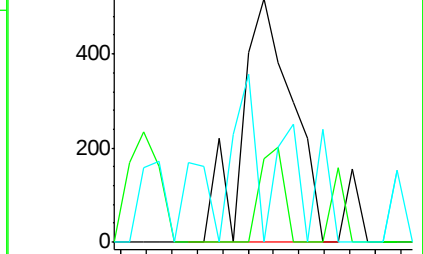
122 0.0 5.0 7.4#



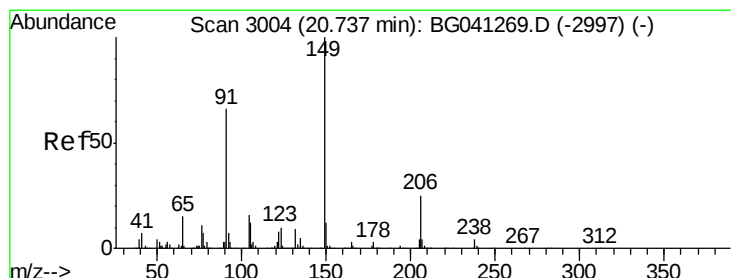
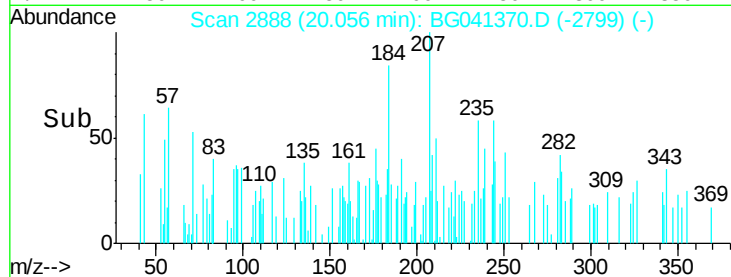
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 20.222 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

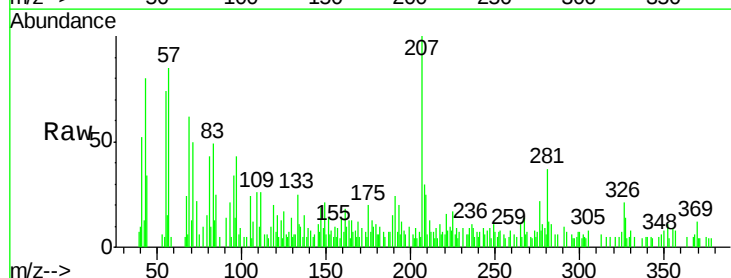
Tgt Ion:149 Resp: 358

Ion Ratio Lower Upper

149 100

91 63.9 53.2 79.8

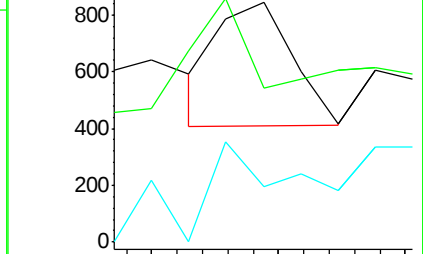
206 23.0 20.3 30.5



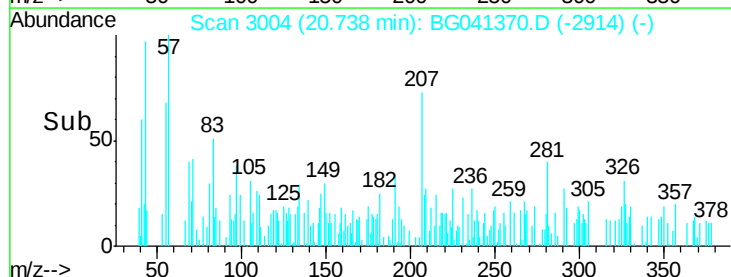
Abundance Ion 149.00 (148.70 to 149.70): E

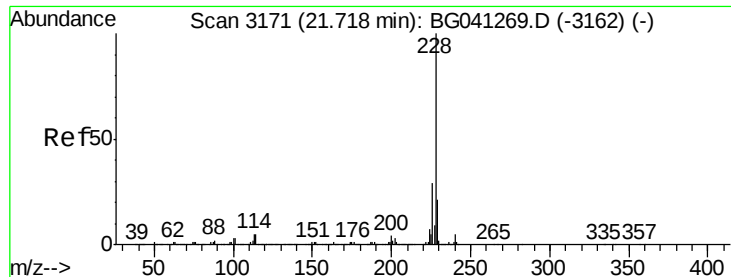
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->

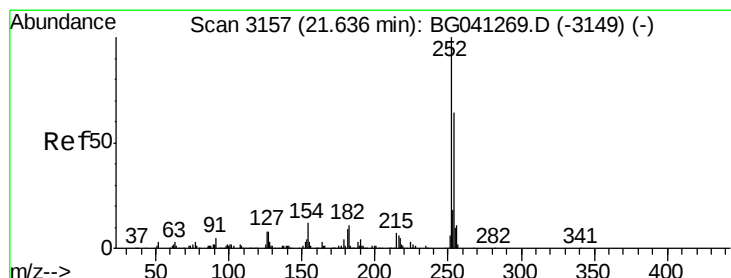
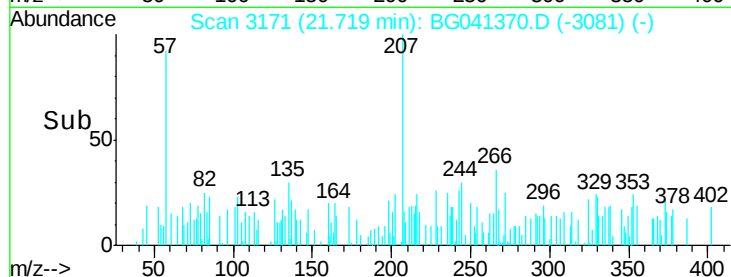
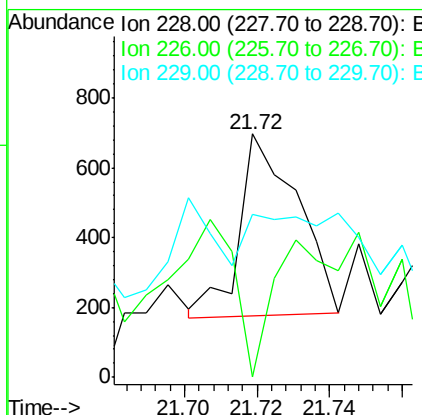
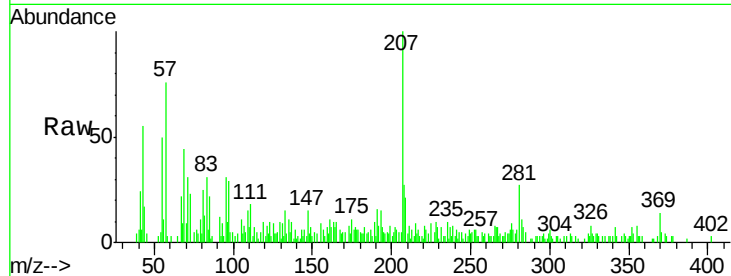




#81
Benzo(a)anthracene
Concen: 12.343 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

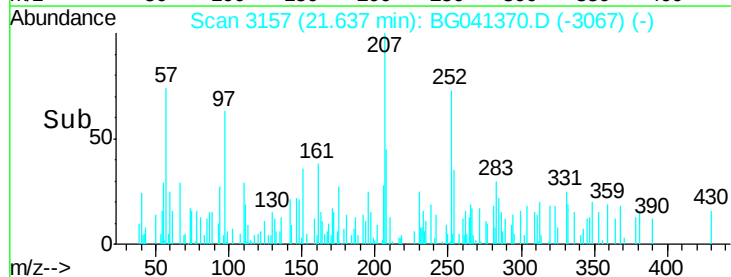
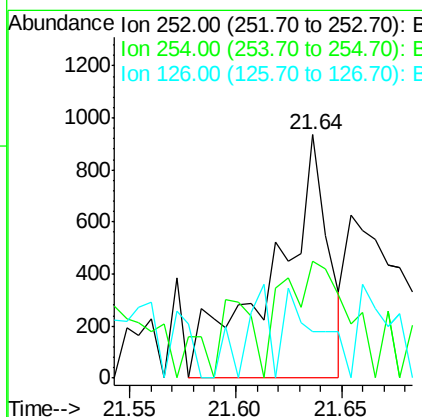
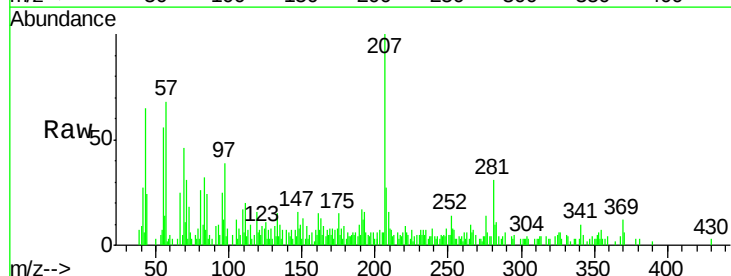
Instrument :
BNA_G
ClientSampled :

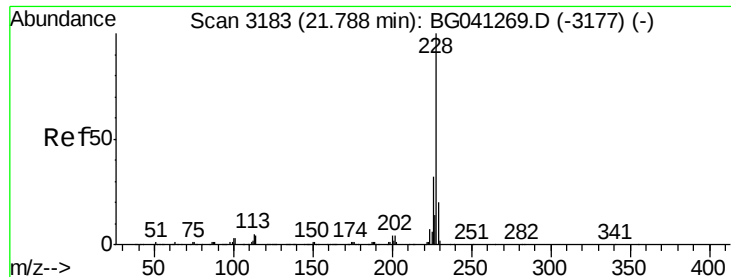
Tot Ion:228 Resp: 580
Ion Ratio Lower Upper
228 100
226 0.0 23.2 34.8#
229 67.0 16.8 25.2#



#82
3,3'-Dichlorobenzidine
Concen: 101.483 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

Tgt Ion:252 Resp: 1674
Ion Ratio Lower Upper
252 100
254 48.0 51.4 77.0#
126 19.3 6.0 9.0#





#83

Chrysene

Concen: 10.843 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampled :

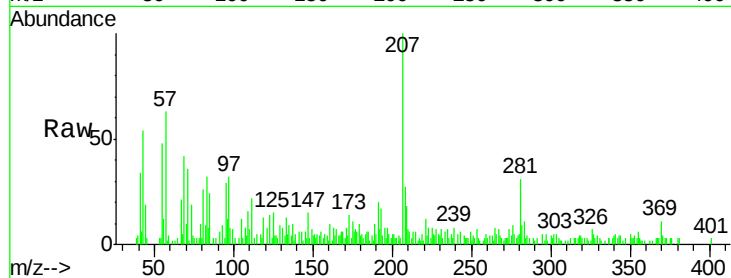
Tot Ion:228 Resp: 490

Ion Ratio Lower Upper

228 100

226 76.7 25.4 38.0#

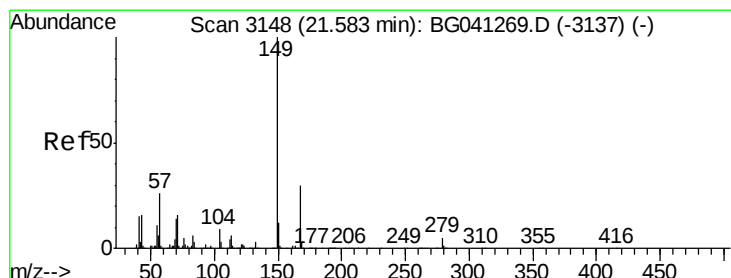
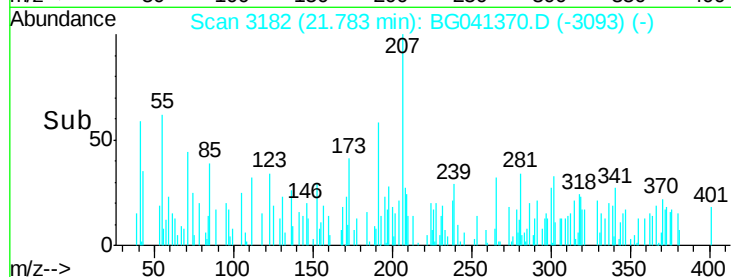
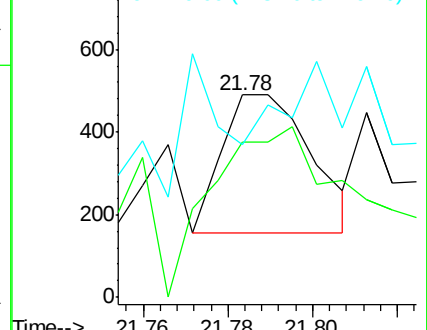
229 75.7 16.2 24.2#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.293 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

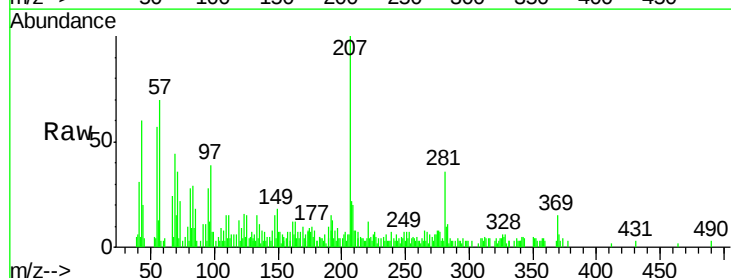
Tgt Ion:149 Resp: 1141

Ion Ratio Lower Upper

149 100

167 41.3 23.8 35.8#

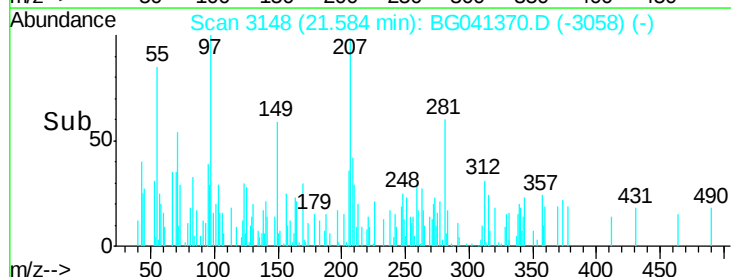
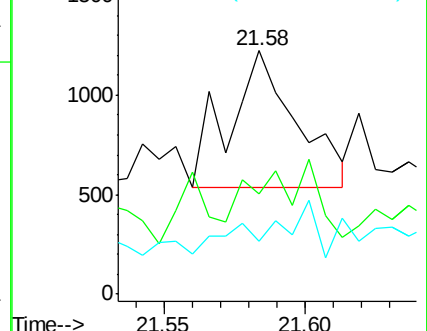
279 21.6 4.4 6.6#

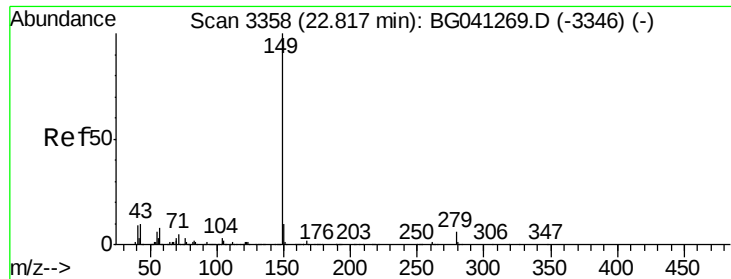


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

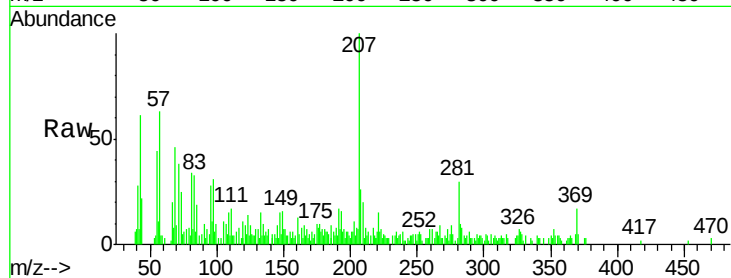




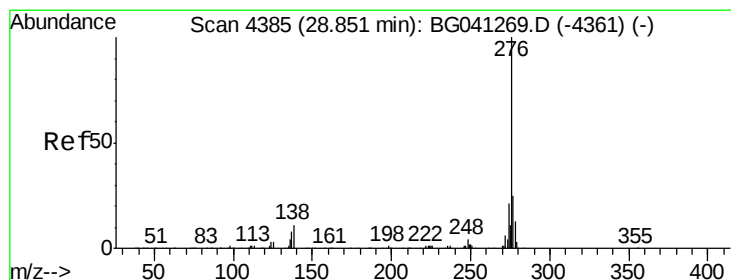
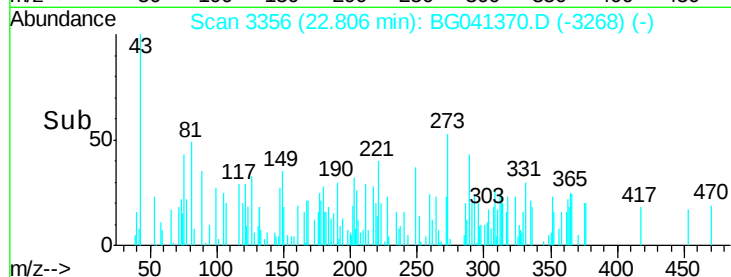
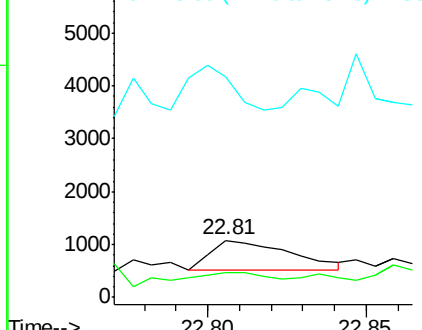
#85
Di-n-octyl phthalate
Concen: 23.029 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 940
Ion Ratio Lower Upper
149 100
167 20.9 1.4 2.0#
43 136.9 8.2 12.2#

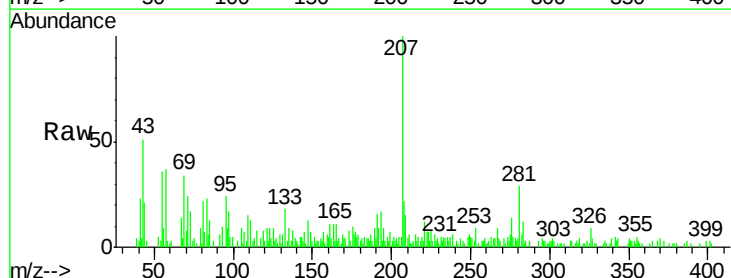


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

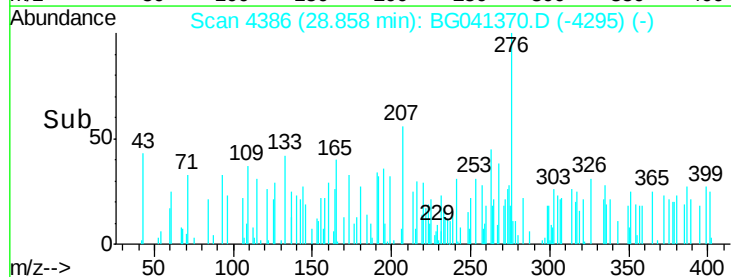
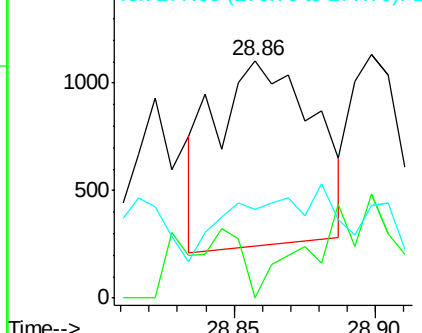


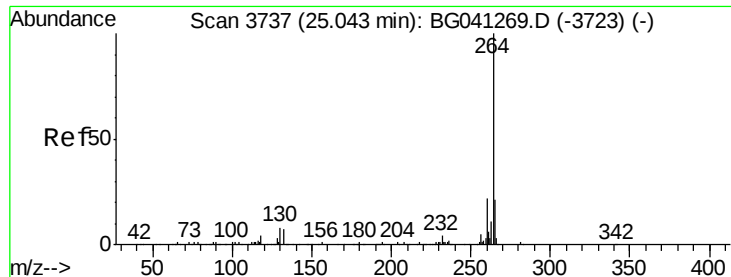
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.740 ng
RT: 28.86 min Scan# 4386
Delta R.T. 0.01 min
Lab File: BG041370.D
Acq: 21 Jun 2019 1:20

Tgt Ion:276 Resp: 2077
Ion Ratio Lower Upper
276 100
138 22.2 7.7 11.5#
277 0.0 20.6 31.0#



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: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

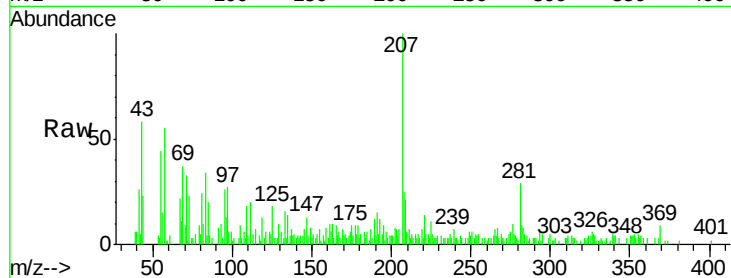
Tot Ion:264 Resp: 301

Ion Ratio Lower Upper

264 100

260 57.4 17.4 26.2#

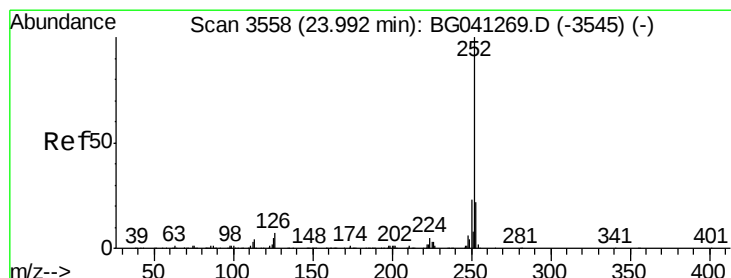
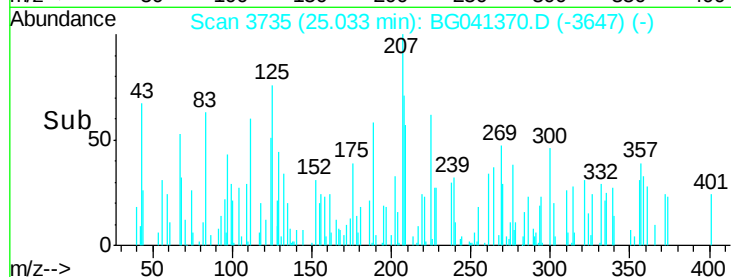
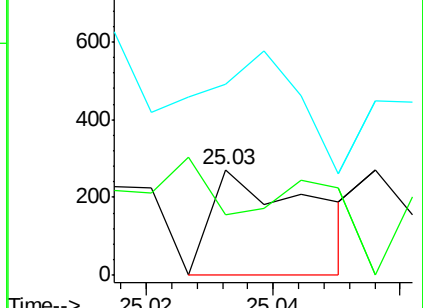
265 180.1 17.2 25.8#



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: 62.507 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

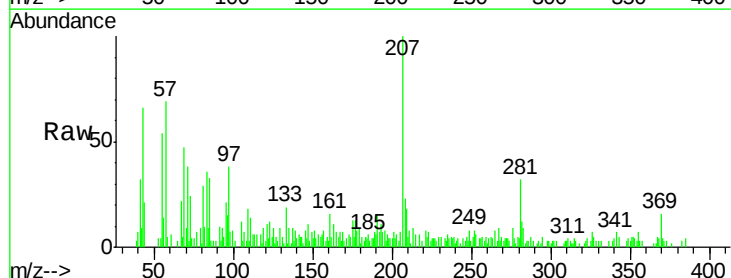
Tgt Ion:252 Resp: 1166

Ion Ratio Lower Upper

252 100

253 70.8 17.4 26.0#

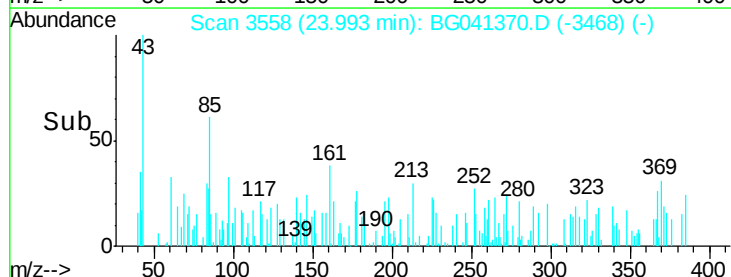
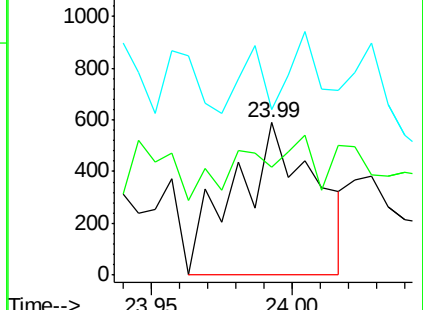
125 109.0 3.9 5.9#

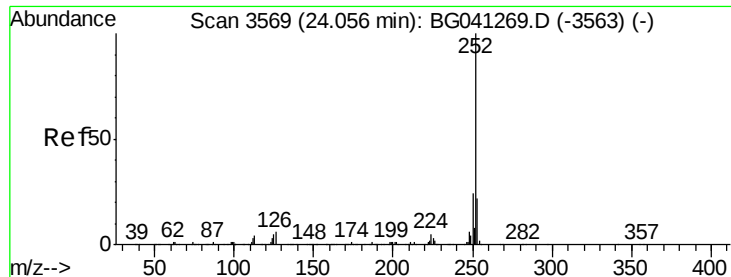


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 57.361 ng

RT: 24.08 min Scan# 3573

Delta R.T. 0.02 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampleId :

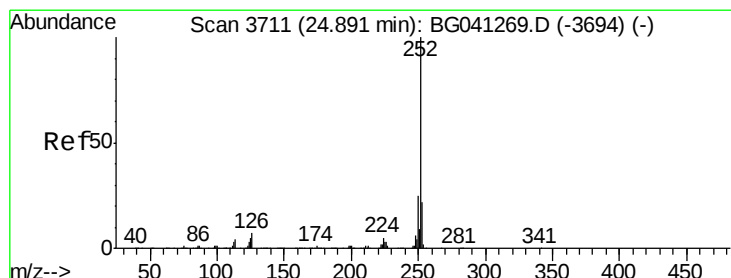
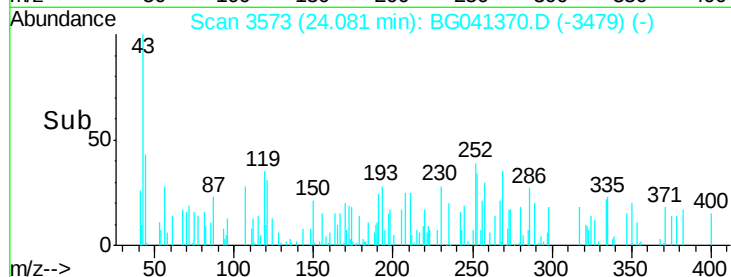
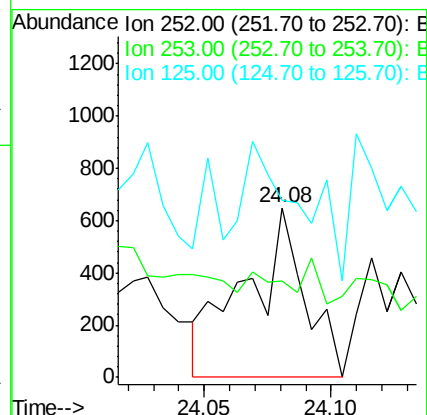
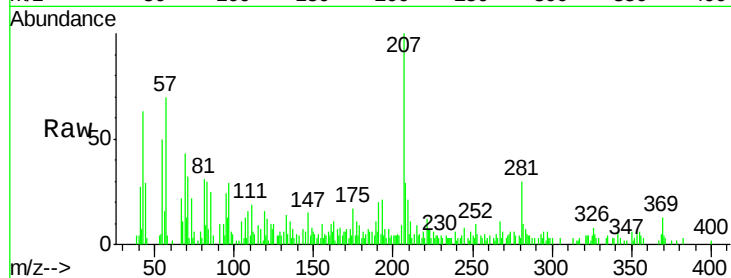
Tot Ion:252 Resp: 1060

Ion Ratio Lower Upper

252 100

253 56.5 18.0 27.0#

125 104.0 4.3 6.5#



#90

Benzo(a)pyrene

Concen: 16.404 ng

RT: 24.87 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

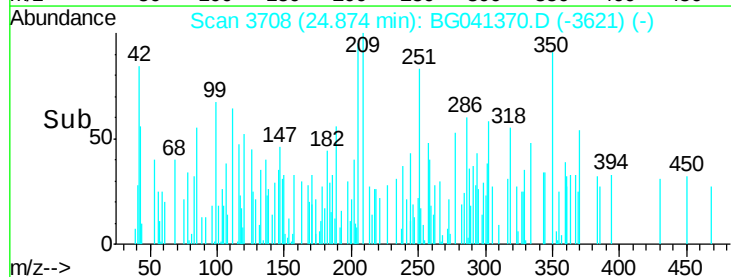
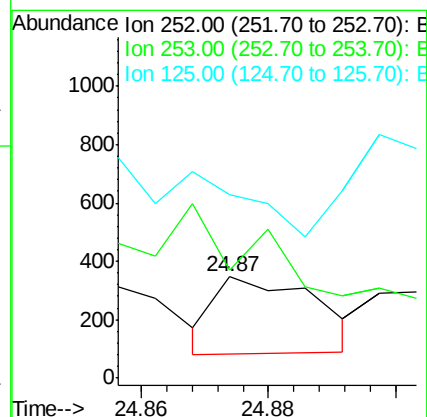
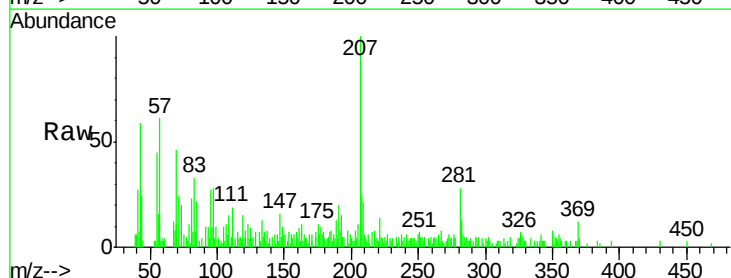
Tgt Ion:252 Resp: 289

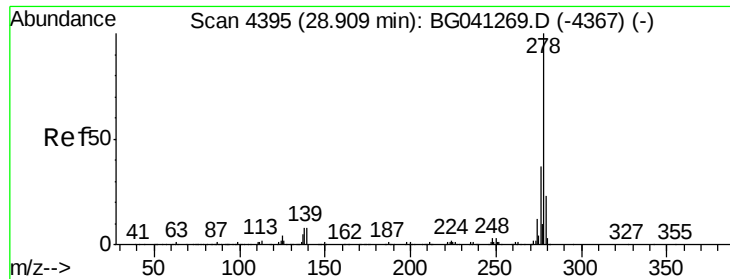
Ion Ratio Lower Upper

252 100

253 106.6 17.8 26.6#

125 181.8 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 11.333 ng

RT: 28.89 min Scan# 4391

Delta R.T. -0.02 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

Instrument :

BNA_G

ClientSampled :

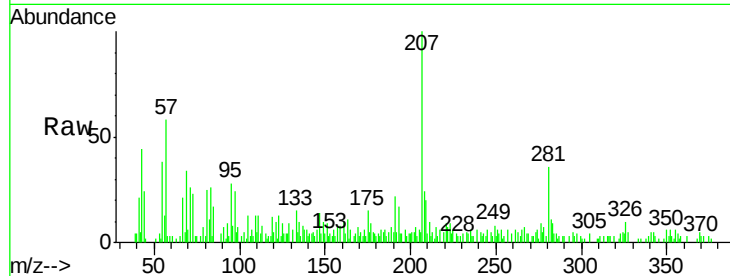
Tot Ion:278 Resp: 201

Ion Ratio Lower Upper

278 100

139 94.7 6.6 10.0#

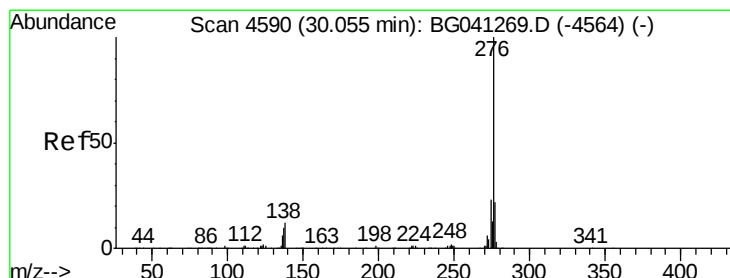
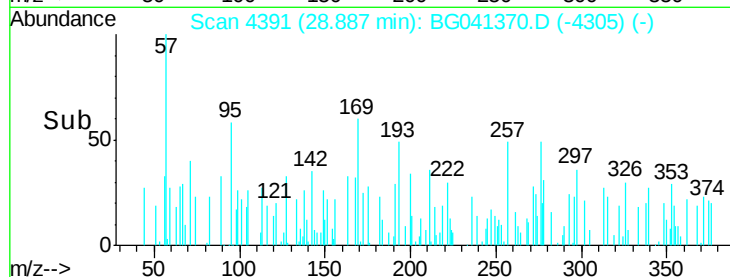
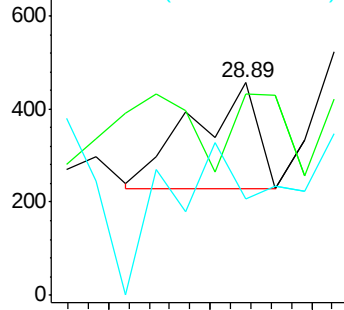
279 45.5 18.5 27.7#



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: 470.627 ng

RT: 30.07 min Scan# 4593

Delta R.T. 0.02 min

Lab File: BG041370.D

Acq: 21 Jun 2019 1:20

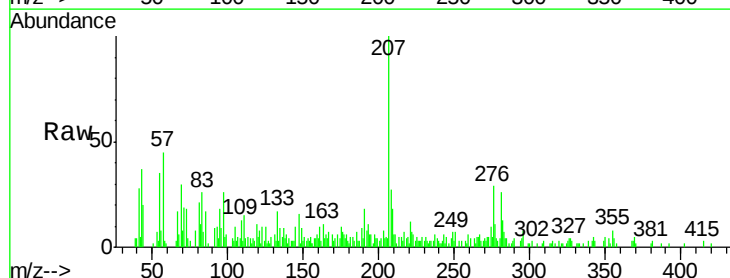
Tgt Ion:276 Resp: 8249

Ion Ratio Lower Upper

276 100

277 38.1 17.9 26.9#

138 14.7 9.4 14.0#



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

