

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047719.D
 Acq On : 11 Dec 2020 18:27
 Operator : CG/JU
 Sample : PB133342BL
 Misc : MDL-SOIL-BL-02
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK342

Quant Time: Dec 12 00:00:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 23:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	28563	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	113293	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	86377	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	225161	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	250835	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	249617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4935	7.60	ng/uL	0.00
4) Pyridine-d5	3.96	84	72265	39.21	ng/ul	0.00
7) Phenol-d5	7.34	99	95852	40.00	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	51611	40.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	71519	39.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	73738	40.46	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	37252	39.08	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	46309	42.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	84449	36.84	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	103363	38.75	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	311711	43.73	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	327336	40.15	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	43285	39.87	ng/ul	0.00
60) Fluorene-d10	15.81	176	264588	39.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	60462	39.23	ng/ul	0.00
73) Anthracene-d10	17.66	188	447485	40.88	ng/ul	0.00
81) Pyrene-d10	19.93	212	563628	41.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	577479	41.22	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.60	88	73	0.109	ng/uL# 19
6) Benzaldehyde	7.35	77	302	0.274	ng/ul# 7
14) 2,2'-oxybis(1-Chloropropan	8.89	45	502	0.329	ng/ul# 54
17) N-Nitroso-di-n-propylamine	8.90	70	2957	1.759	ng/ul# 1
22) Nitrobenzene	9.38	77	420	0.148	ng/ul# 52
23) Isophorone	10.10	82	7050	1.430	ng/ul# 71
30) Naphthalene	11.15	128	107	0.017	ng/ul# 1
47) Dimethylphthalate	14.26	163	226	0.031	ng/ul# 77
48) 2,6-Dinitrotoluene	14.26	165	133	0.086	ng/ul# 21
55) 4-Nitrophenol	15.00	109	214	0.116	ng/ul# 1
59) Diethylphthalate	15.62	149	109	0.015	ng/ul# 55
61) Fluorene	15.81	166	660	0.097	ng/ul# 14
63) 4-Nitroaniline	15.81	138	221	0.212	ng/ul# 1
66) 4,6-Dinitro-2-methylphenol	15.93	198	575	0.368	ng/ul# 1
67) N-Nitrosodiphenylamine	16.06	169	102	0.016	ng/ul# 36
72) Phenanthrene	17.60	178	162	0.013	ng/ul# 59
74) Anthracene	17.68	178	523	0.043	ng/ul# 60
78) Di-n-butylphthalate	18.50	149	533	0.044	ng/ul# 75
80) Fluoranthene	19.60	202	703	0.041	ng/ul# 90
82) Pyrene	19.96	202	905	0.053	ng/ul# 87
83) Butylbenzylphthalate	20.83	149	200	0.034	ng/ul# 87
84) 3,3'-Dichlorobenzidine	21.72	252	154	0.025	ng/ul# 95

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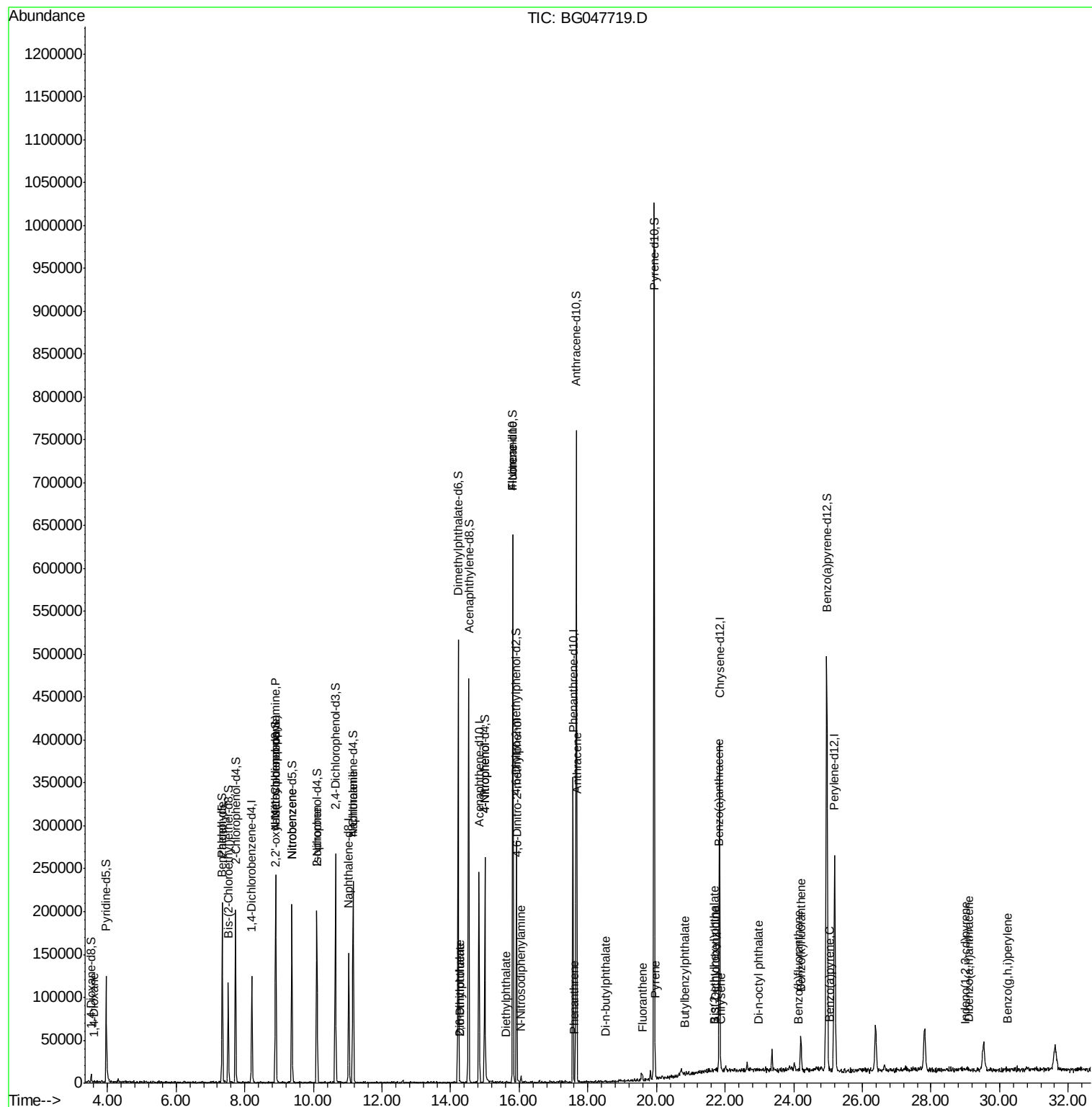
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Benzo(a)anthracene	21.82	228	868	0.049	ng/ul#	78
86) Bis(2-ethylhexyl)phthalate	21.69	149	417	0.051	ng/ul#	50
87) Chrysene	21.89	228	720	0.043	ng/ul#	50
89) Di-n-octyl phthalate	22.96	149	626	0.048	ng/ul	100
90) Benzo(b)fluoranthene	24.13	252	81	0.005	ng/ul#	59
91) Benzo(k)fluoranthene	24.20	252	519	0.030	ng/ul#	1
93) Benzo(a)pyrene	25.04	252	320	0.021	ng/ul#	62
94) Indeno(1,2,3-cd)pyrene	28.99	276	231	0.012	ng/ul#	59
95) Dibenzo(a,h)anthracene	29.09	278	327	0.021	ng/ul#	58
96) Benzo(a,h,i)perylene	30.23	276	69	0.004	ng/ul#	62

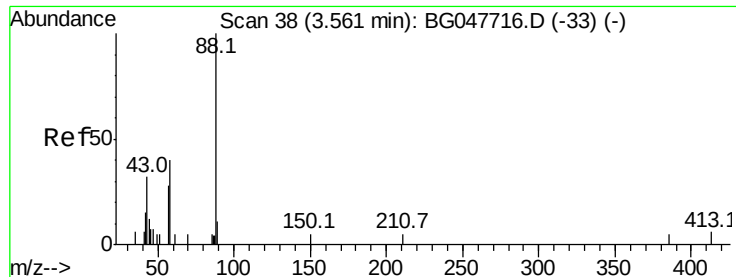
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.109 ng/uL

RT: 3.60 min Scan# 45

Delta R.T. 0.05 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

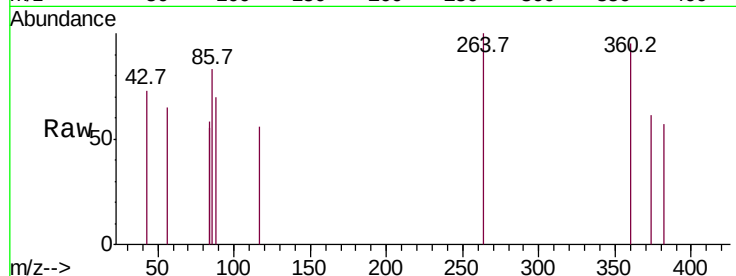
Tot Ion: 88 Resp: 73

Ion Ratio Lower Upper

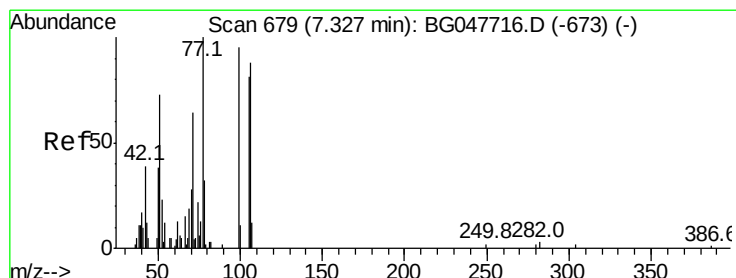
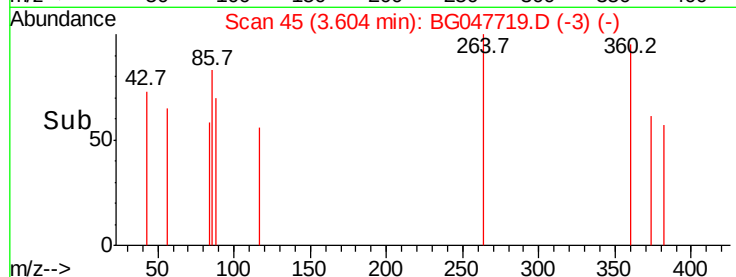
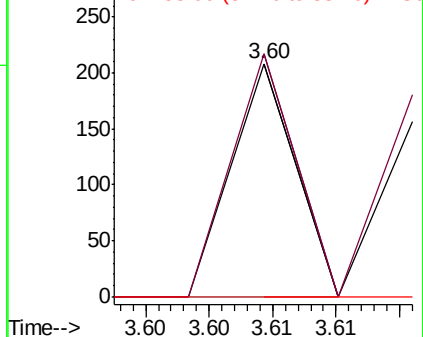
88 100

43 104.3 40.6 61.0#

58 0.0 54.0 81.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#6

Benzaldehyde

Concen: 0.274 ng/uL

RT: 7.35 min Scan# 683

Delta R.T. 0.02 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

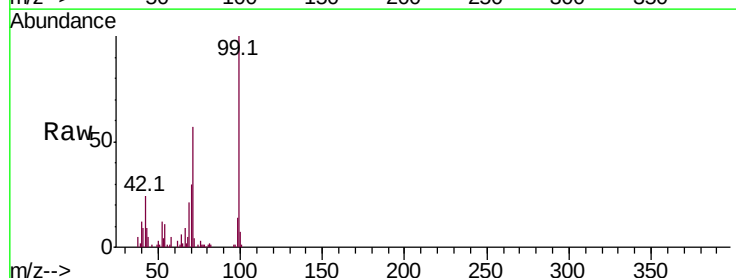
Tgt Ion: 77 Resp: 302

Ion Ratio Lower Upper

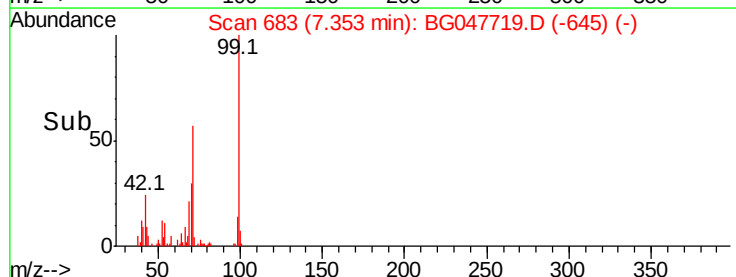
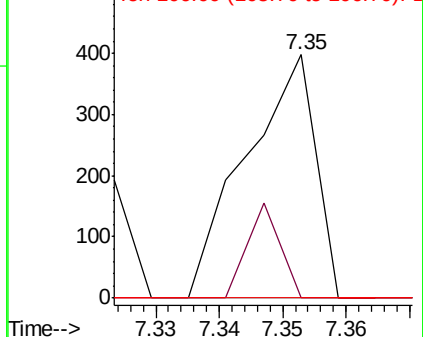
77 100

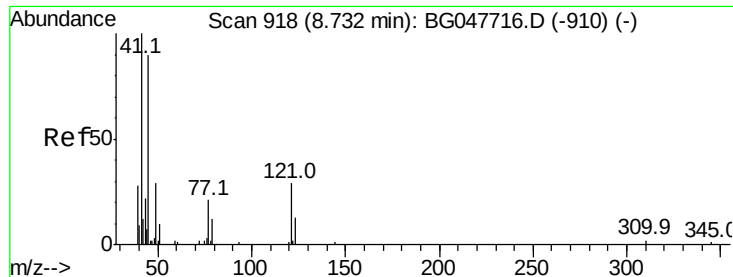
105 0.0 67.9 101.9#

106 0.0 68.1 102.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

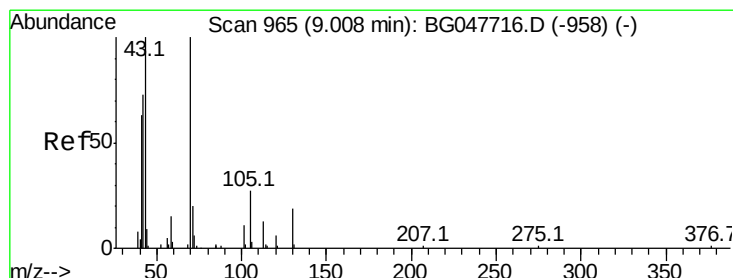
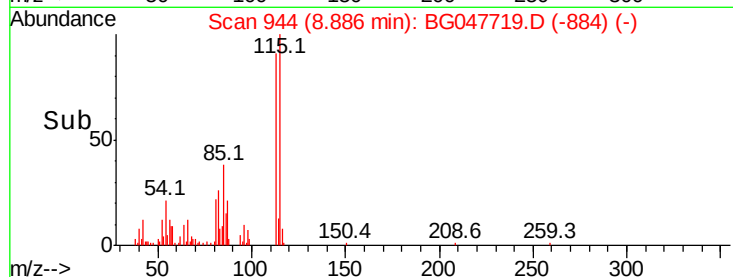
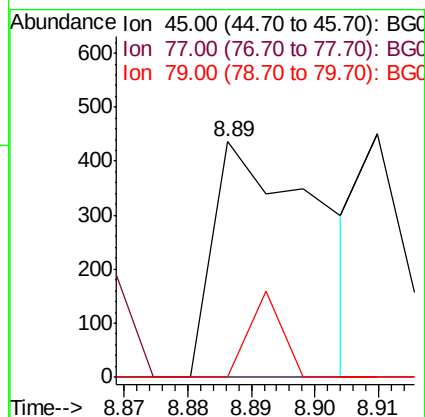
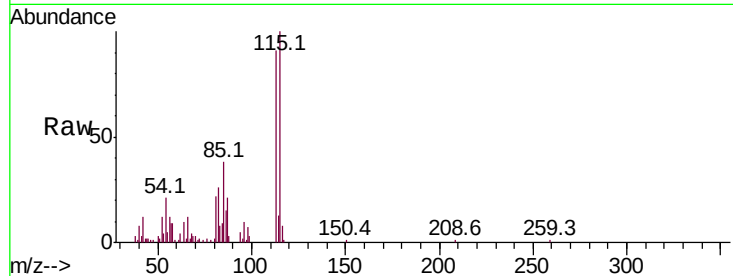




#14
2,2'-oxvbis(1-Chloropropane)
Concen: 0.329 ng/ul
RT: 8.89 min Scan# 944
Delta R.T. 0.15 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

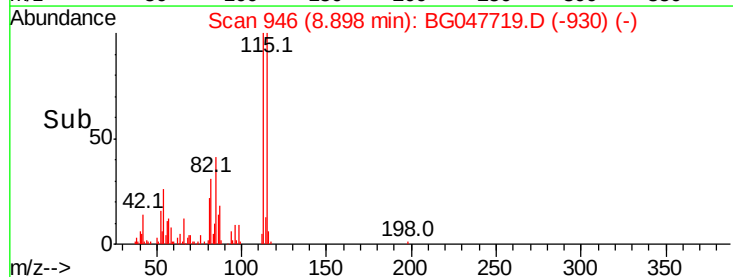
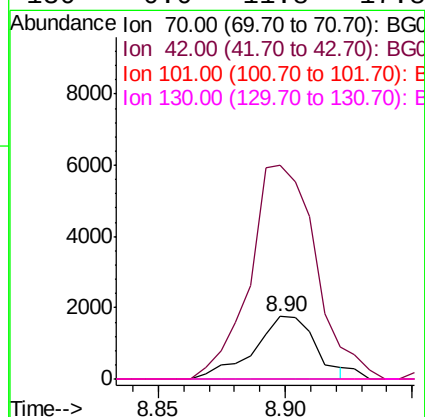
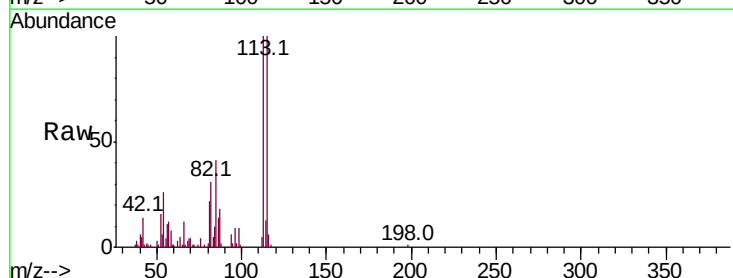
Instrument :
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SBLK342

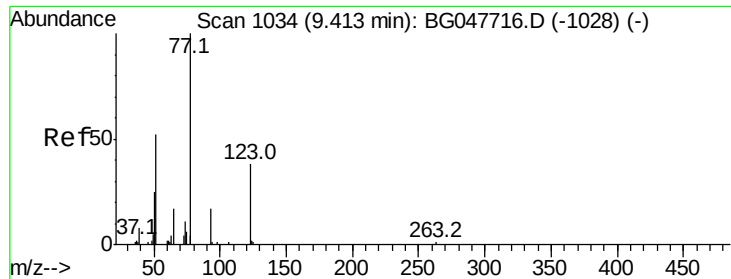
Tot Ion: 45 Resp: 502
Ion Ratio Lower Upper
45 100
77 0.0 18.3 27.5#
79 0.0 17.0 25.6#



#17
N-Nitroso-di-n-propylamine
Concen: 1.759 ng/ul
RT: 8.90 min Scan# 946
Delta R.T. -0.11 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Tgt Ion: 70 Resp: 2957
Ion Ratio Lower Upper
70 100
42 342.0 45.0 67.6#
101 0.0 7.0 10.4#
130 0.0 11.8 17.8#

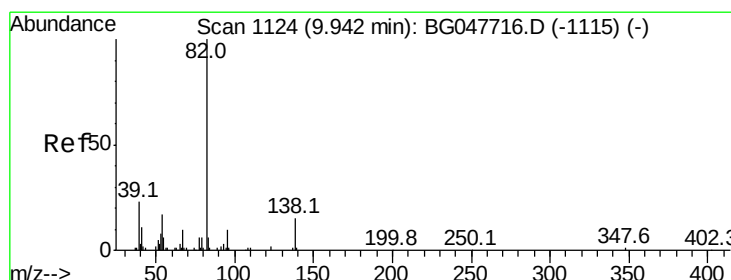
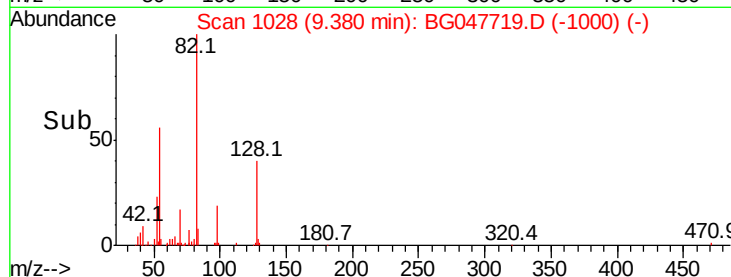
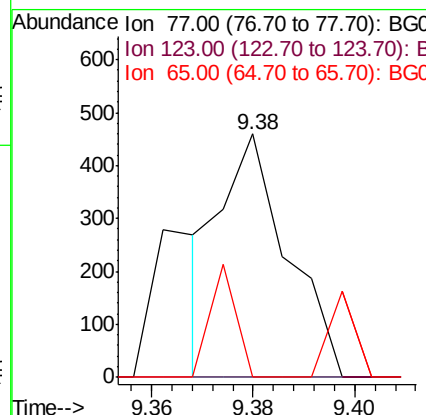
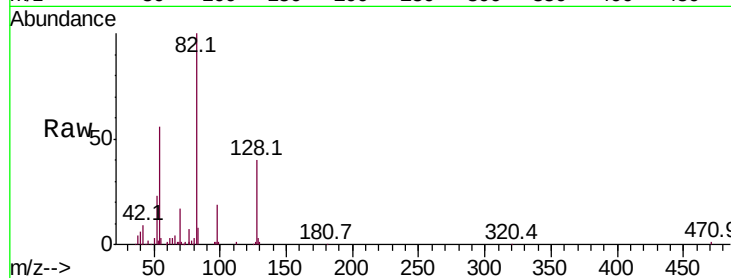




#22
Nitrobenzene
Concen: 0.148 ng/ul
RT: 9.38 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

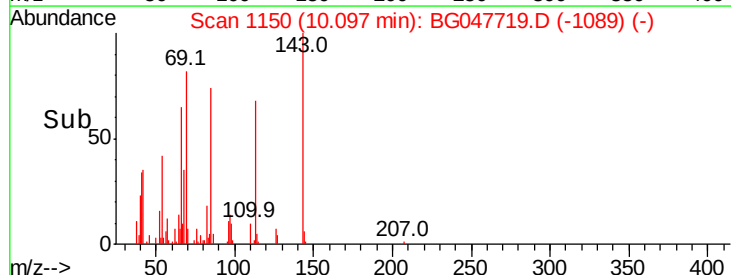
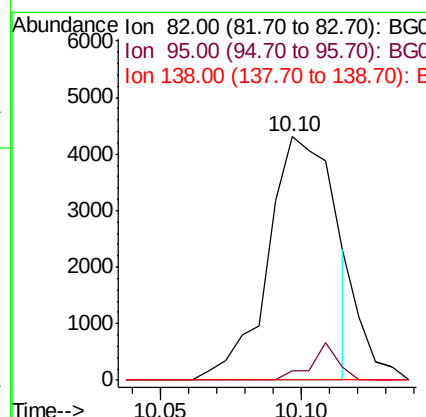
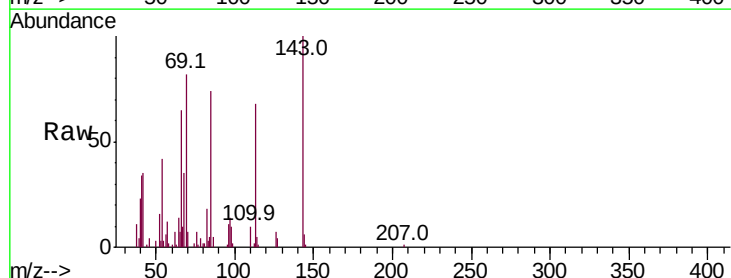
Instrument :
BNA_G
ClientSampleId :
SBLK342

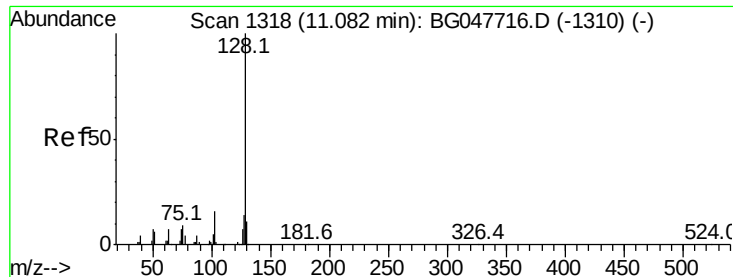
Tot Ion: 77 Resp: 420
Ion Ratio Lower Upper
77 100
123 0.0 22.5 33.7#
65 0.0 13.8 20.6#



#23
Isophorone
Concen: 1.430 ng/ul
RT: 10.10 min Scan# 1150
Delta R.T. 0.16 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Tgt Ion: 82 Resp: 7050
Ion Ratio Lower Upper
82 100
95 4.1 8.7 13.1#
138 0.0 12.4 18.6#





#30

Naphthalene

Concen: 0.017 ng/ul

RT: 11.15 min Scan# 1329

Delta R.T. 0.06 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

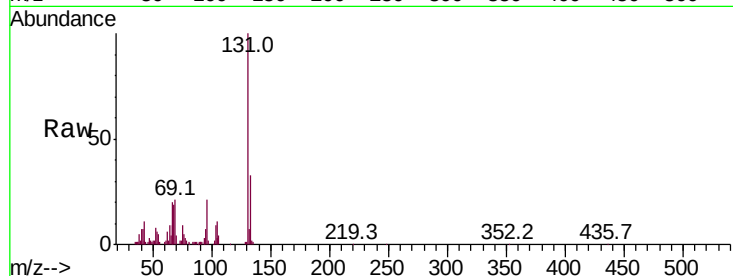
Tot Ion:128 Resp: 107

Ion Ratio Lower Upper

128 100

129 81.9 9.3 13.9#

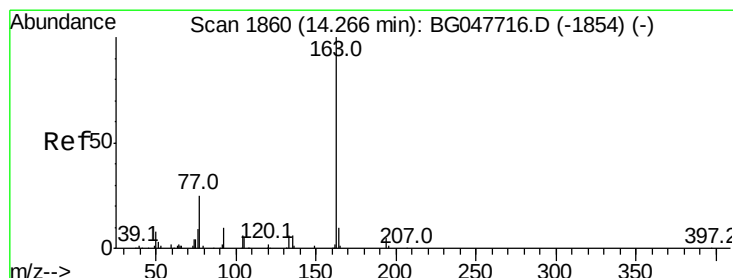
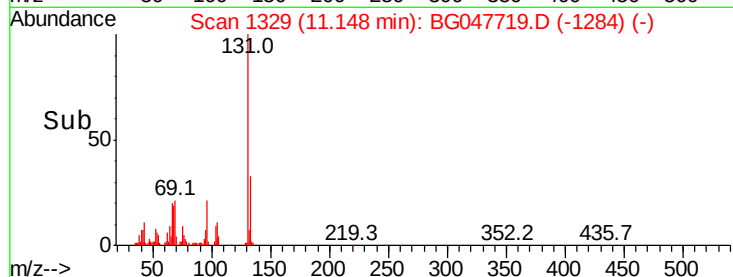
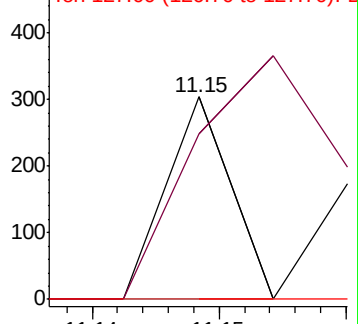
127 0.0 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#47

Dimethylphthalate

Concen: 0.031 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

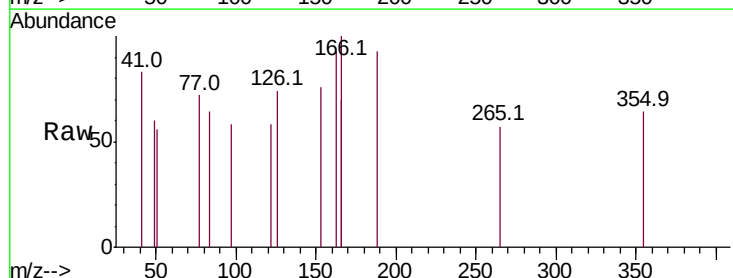
Tgt Ion:163 Resp: 226

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

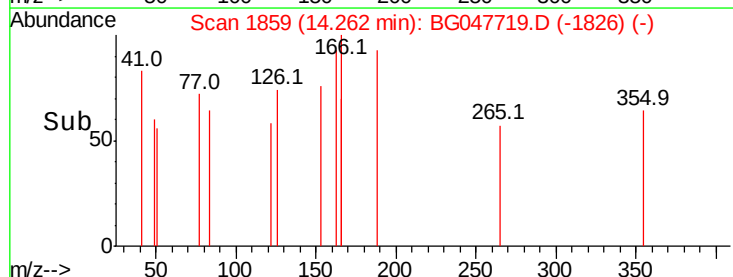
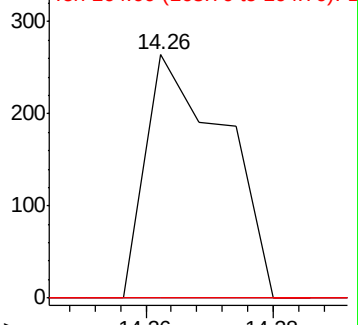
164 0.0 8.1 12.1#

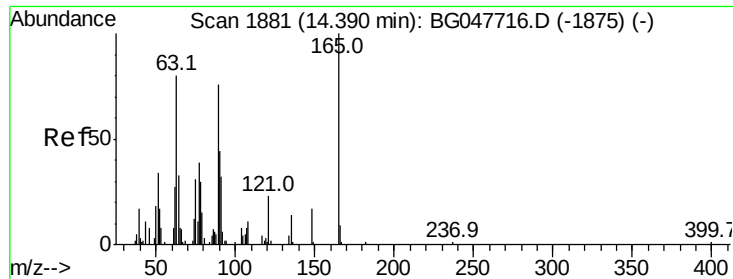


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2,6-Dinitrotoluene

Concen: 0.086 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.13 min

Lab File: BG047719.D

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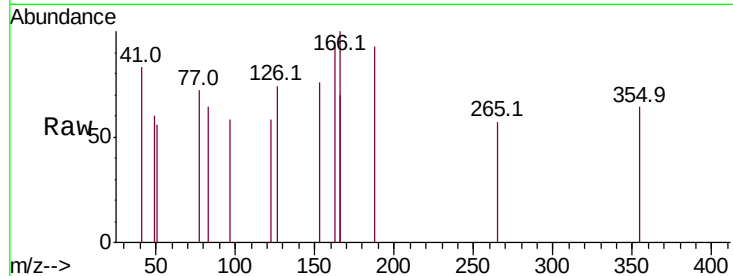
Tot Ion:165 Resp: 133

Ion Ratio Lower Upper

165 100

89 0.0 60.7 91.1#

121 0.0 18.1 27.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E

500

400

300

200

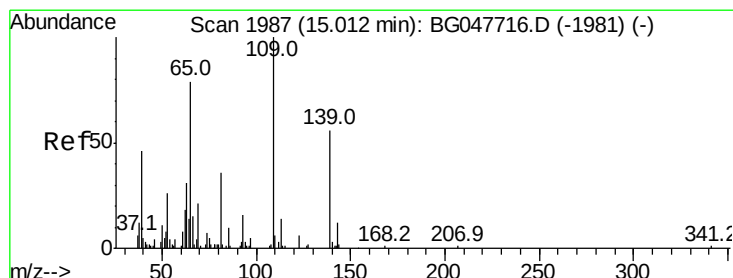
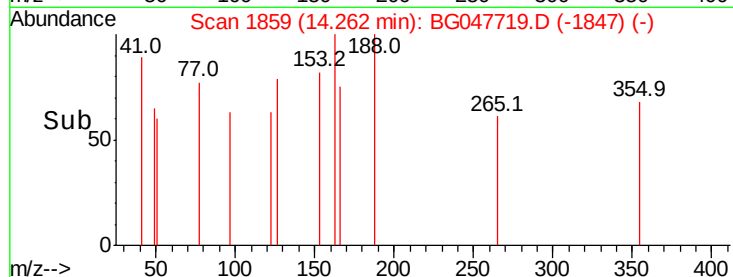
100

0

14.24

14.26

Time-->



#55

4-Nitrophenol

Concen: 0.116 ng/ul

RT: 15.00 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

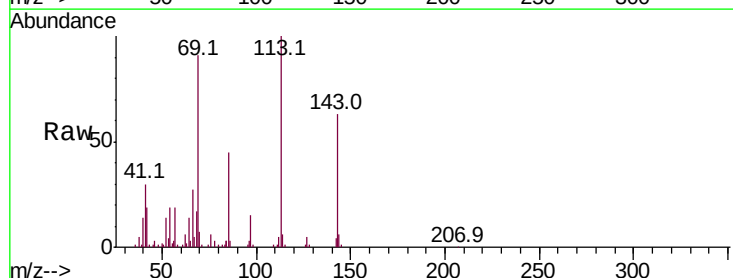
Tgt Ion:109 Resp: 214

Ion Ratio Lower Upper

109 100

139 0.0 47.0 70.6#

65 324.7 74.7 112.1#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

3000

2500

2000

1500

1000

500

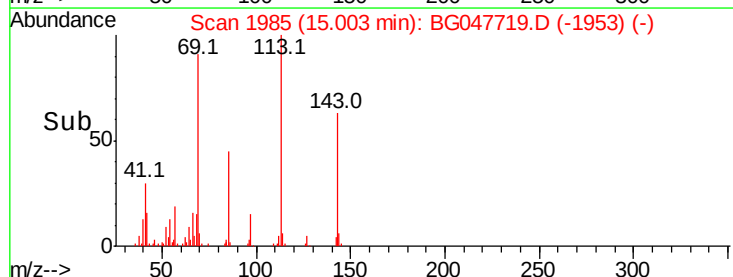
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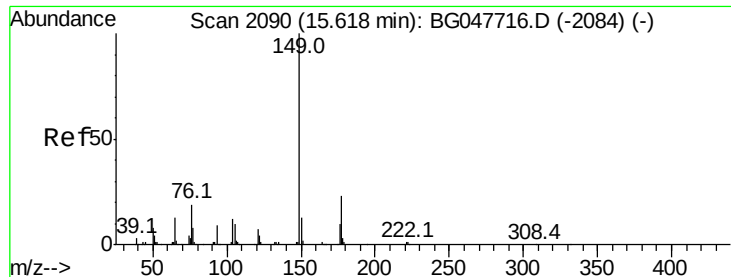
14.99

15.00

15.01

Time-->





#59

Diethylphthalate

Concen: 0.015 ng/ul

RT: 15.62 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG047719.D

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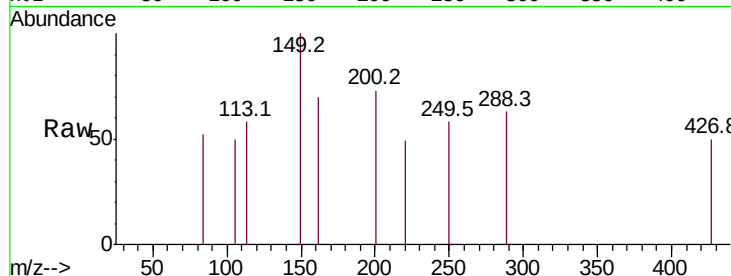
Tot Ion:149 Resp: 109

Ion Ratio Lower Upper

149 100

177 0.0 20.6 31.0#

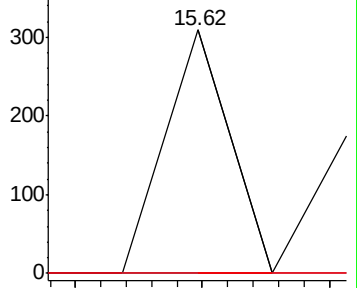
150 0.0 11.1 16.7#



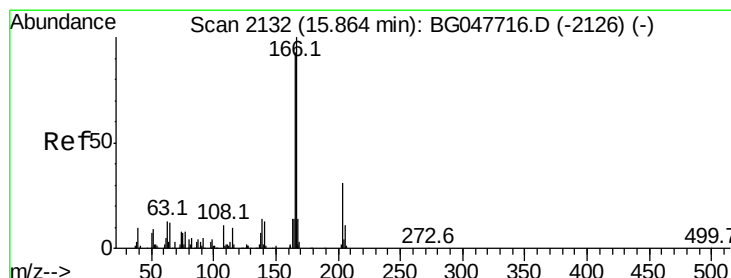
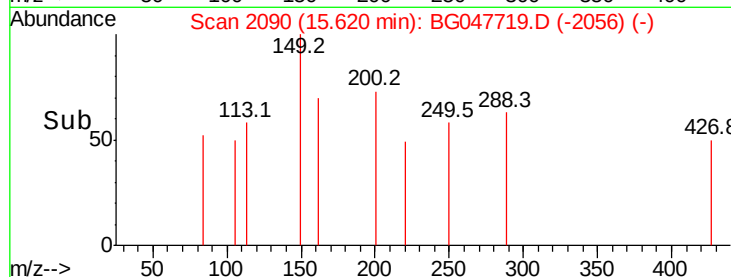
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#61

Fluorene

Concen: 0.097 ng/ul

RT: 15.81 min Scan# 2123

Delta R.T. -0.06 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

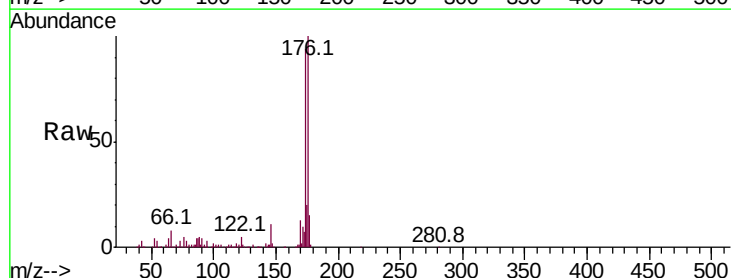
Tgt Ion:166 Resp: 660

Ion Ratio Lower Upper

166 100

165 0.0 75.4 113.2#

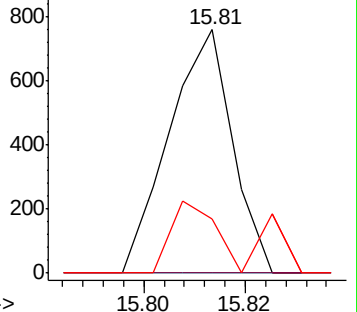
167 22.3 12.3 18.5#



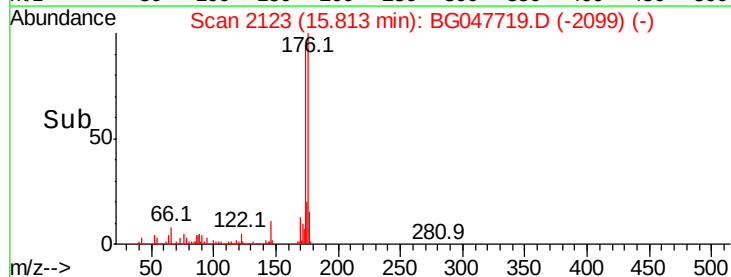
Abundance Ion 166.00 (165.70 to 166.70): E

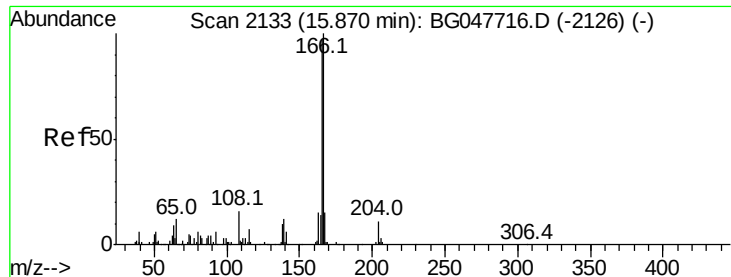
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

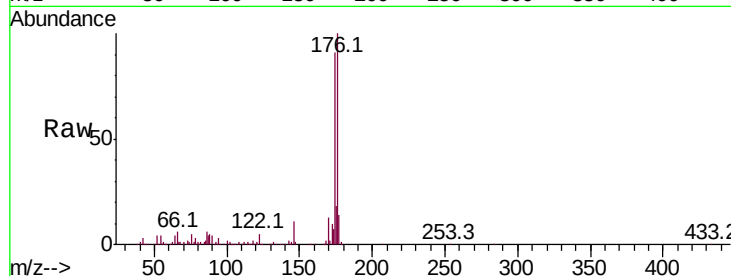




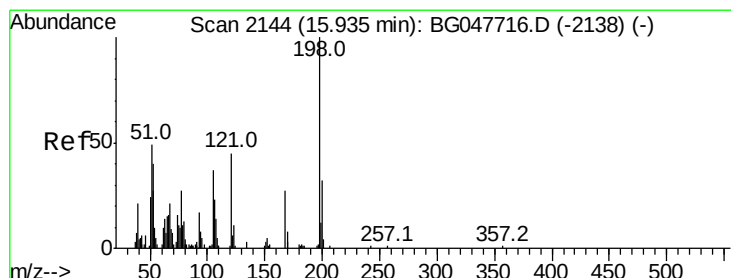
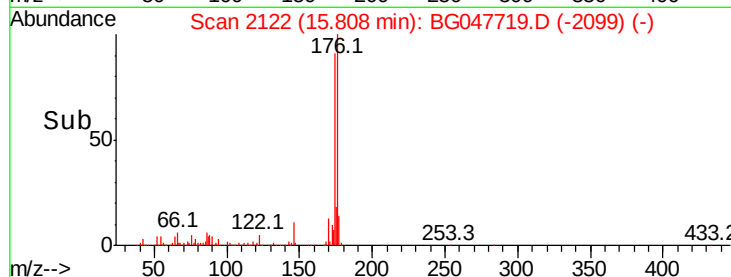
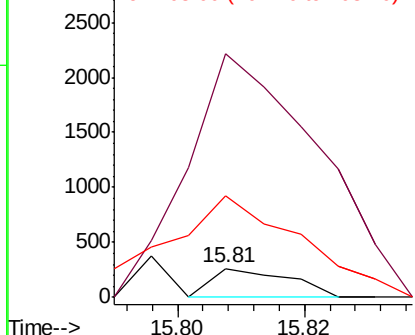
#63
4-Nitroaniline
Concen: 0.212 ng/ul
RT: 15.81 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Instrument :
BNA_G
ClientSampled :
SBLK342

Tot Ion:138 Resp: 221
Ion Ratio Lower Upper
138 100
92 845.0 31.9 47.9#
108 351.5 109.1 163.7#

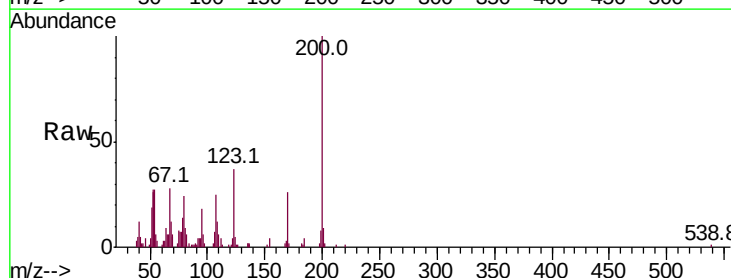


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

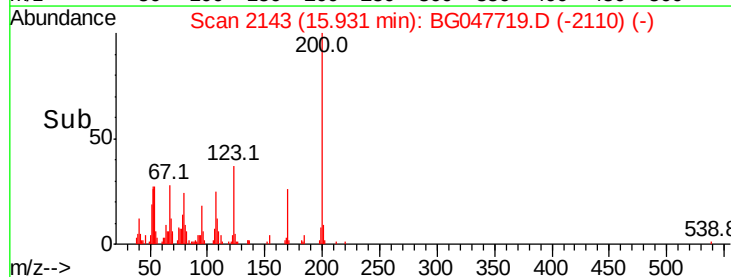
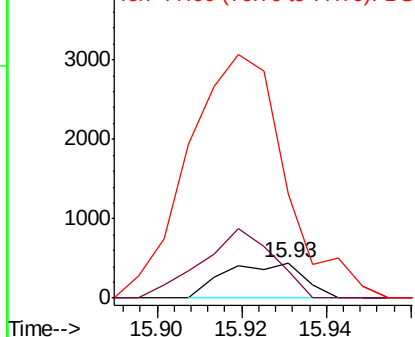


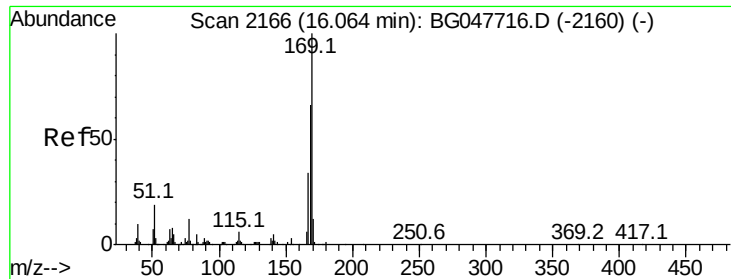
#66
4,6-Dinitro-2-methylphenol
Concen: 0.368 ng/ul
RT: 15.93 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Tgt Ion:198 Resp: 575
Ion Ratio Lower Upper
198 100
182 76.5 2.9 4.3#
77 296.4 26.1 39.1#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BG

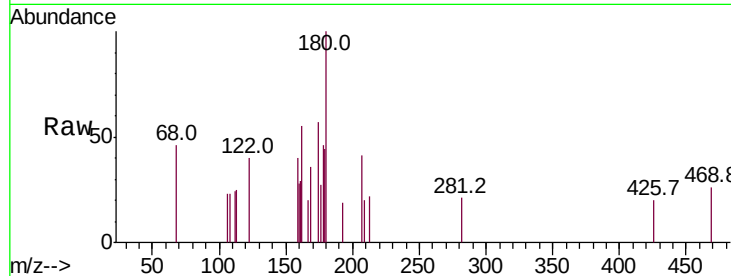




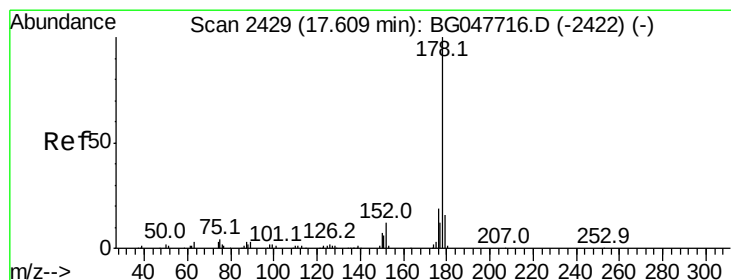
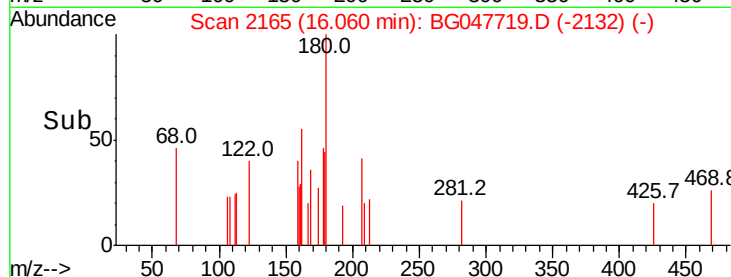
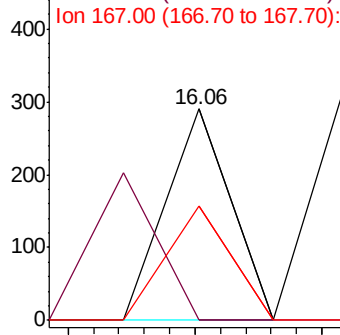
#67
N-Nitrosodiphenylamine
Concen: 0.016 ng/ul
RT: 16.06 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tot Ion:169 Resp: 102
Ion Ratio Lower Upper
169 100
168 0.0 53.8 80.8#
167 54.1 29.8 44.8#

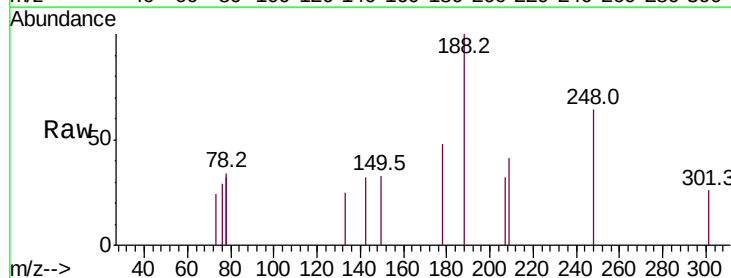


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

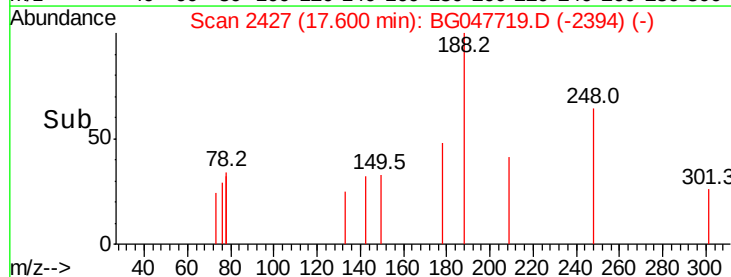
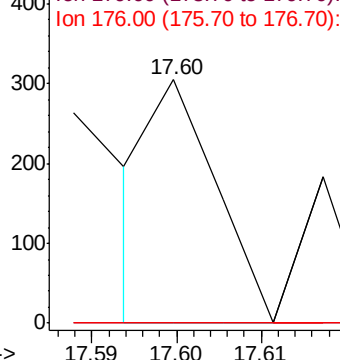


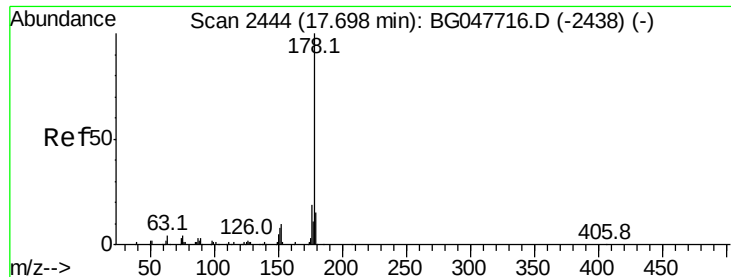
#72
Phenanthrene
Concen: 0.013 ng/ul
RT: 17.60 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Tgt Ion:178 Resp: 162
Ion Ratio Lower Upper
178 100
179 0.0 13.5 20.3#
176 0.0 15.3 22.9#



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





#74

Anthracene

Concen: 0.043 ng/ul

RT: 17.68 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

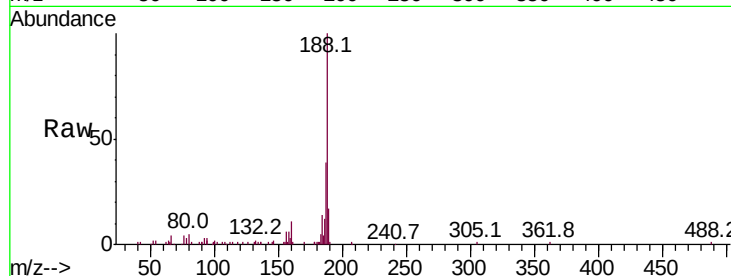
Tot Ion:178 Resp: 523

Ion Ratio Lower Upper

178 100

179 0.0 12.0 18.0#

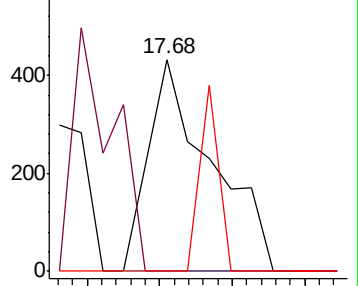
176 0.0 15.4 23.2#



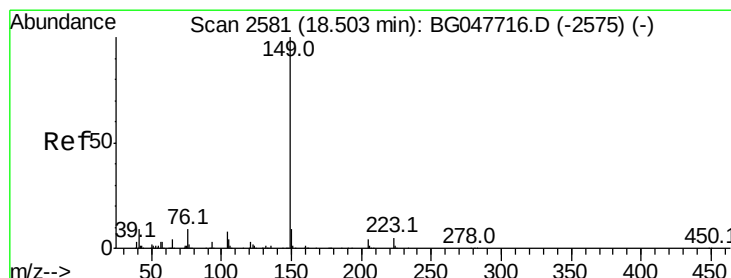
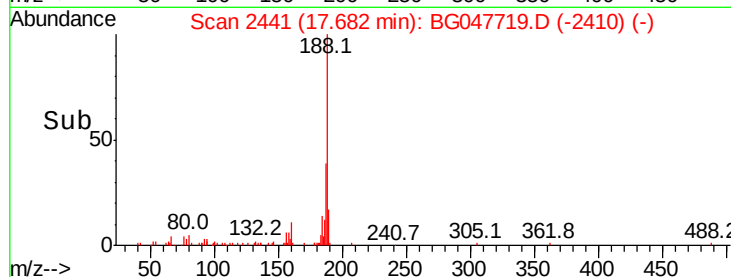
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#78

Di-n-butylphthalate

Concen: 0.044 ng/ul

RT: 18.50 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

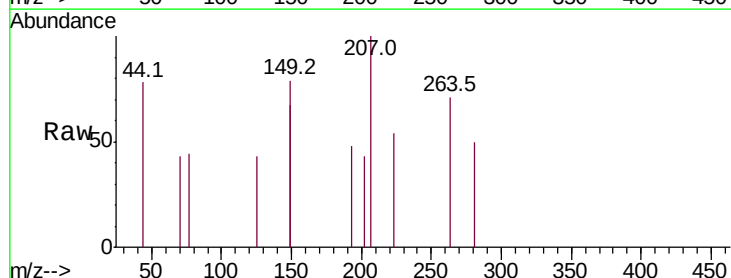
Tgt Ion:149 Resp: 533

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

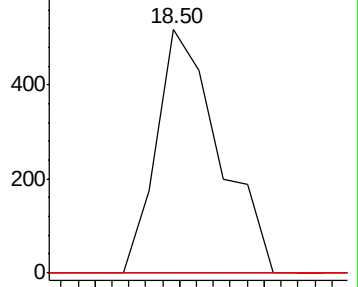
104 0.0 7.0 10.6#



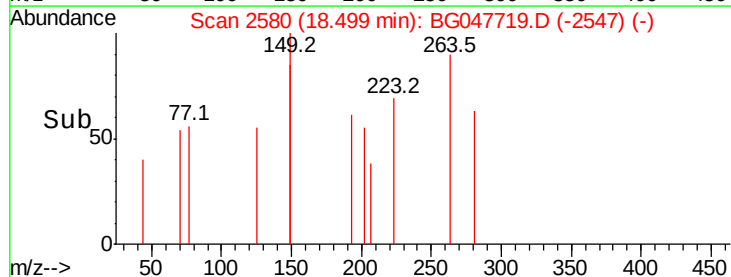
Abundance Ion 149.00 (148.70 to 149.70): E

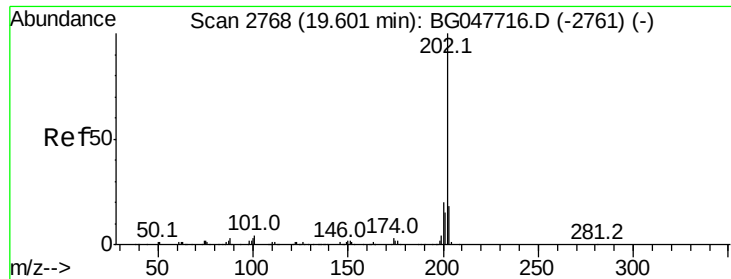
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

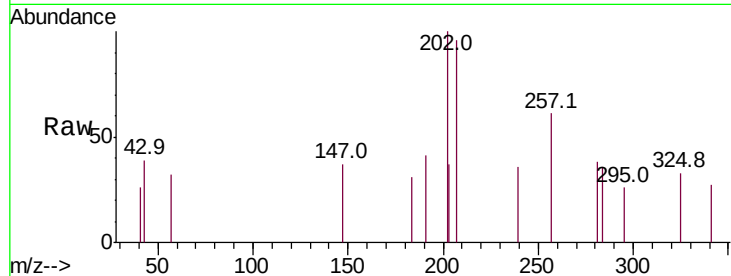




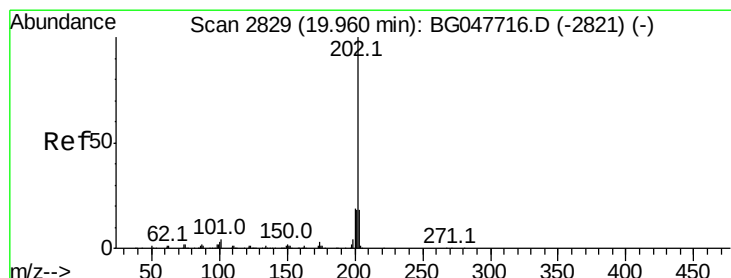
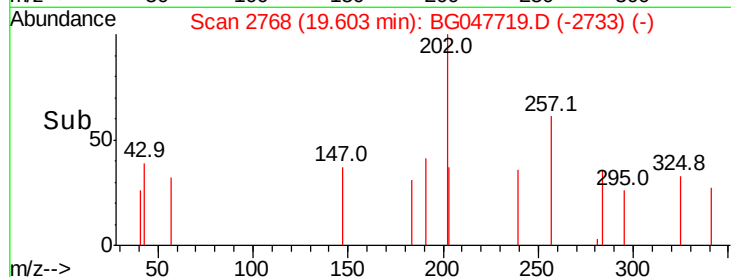
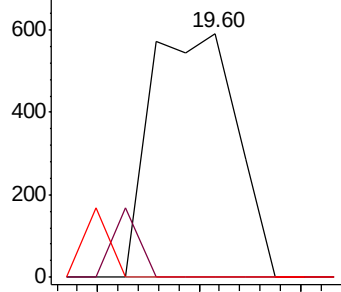
#80
Fluoranthene
Concen: 0.041 ng/ul
RT: 19.60 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Instrument :
BNA_G
ClientSampleId :
SBLK342

Tot Ion:	202	Resp:	703
Ion	Ratio	Lower	Upper
202	100		
101	0.0	2.8	4.2#
100	0.0	2.3	3.5#

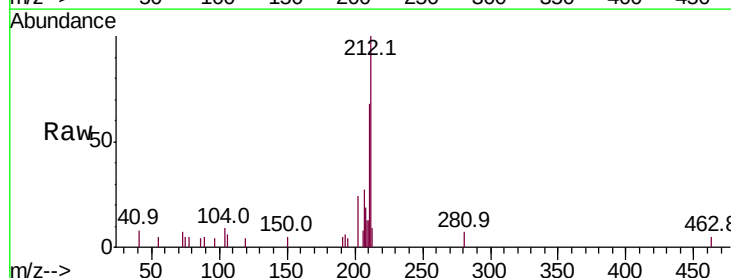


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

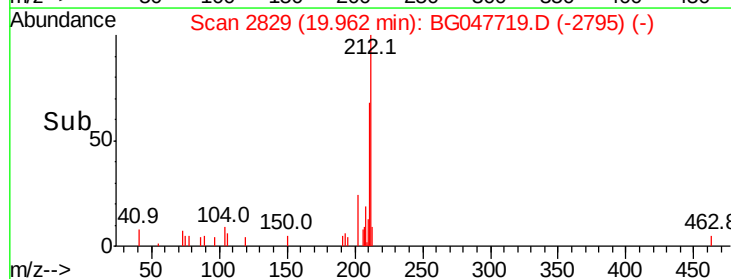
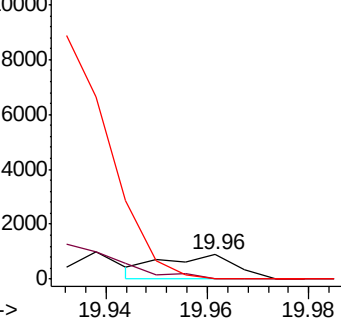


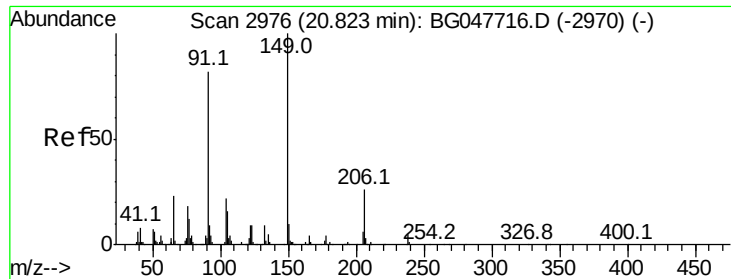
#82
Pyrene
Concen: 0.053 ng/ul
RT: 19.96 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG047719.D
Acq: 11 Dec 2020 18:27

Tgt Ion:	202	Resp:	905
Ion	Ratio	Lower	Upper
202	100		
101	0.0	3.8	5.6#
100	0.0	3.0	4.6#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

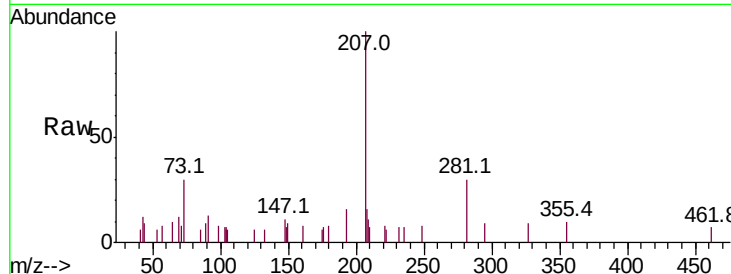




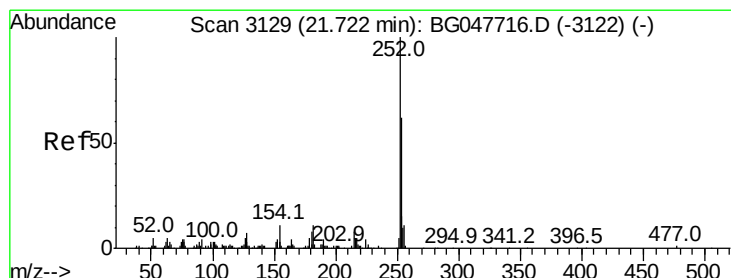
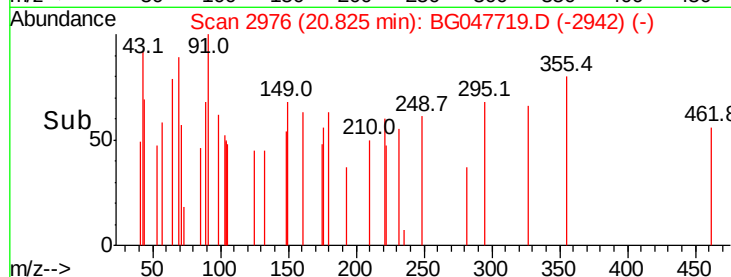
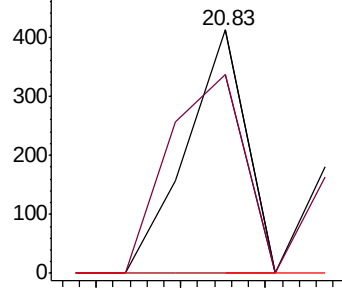
#83
 Butylbenzylphthalate
 Concen: 0.034 ng/ul
 RT: 20.83 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG047719.D
 Acq: 11 Dec 2020 18:27

Instrument :
 BNA_G
 ClientSampled :
 SBLK342

Tot Ion:149 Resp: 200
 Ion Ratio Lower Upper
 149 100
 91 81.6 64.6 97.0
 206 0.0 20.3 30.5#

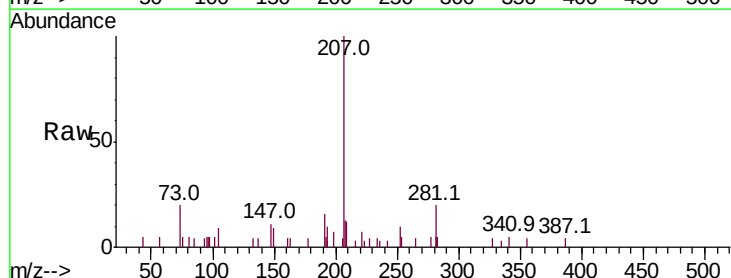


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

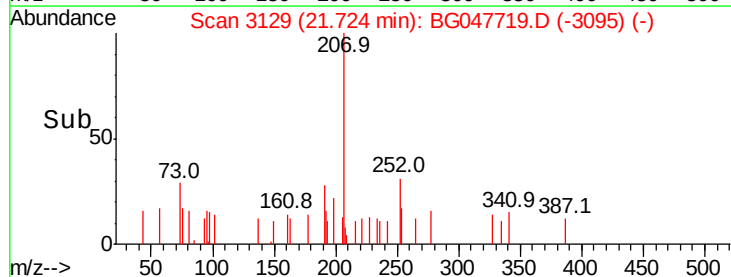
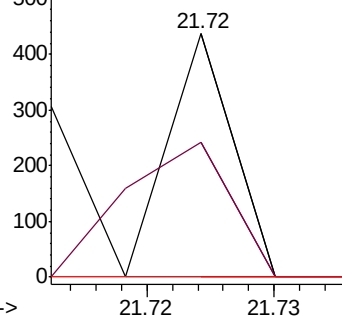


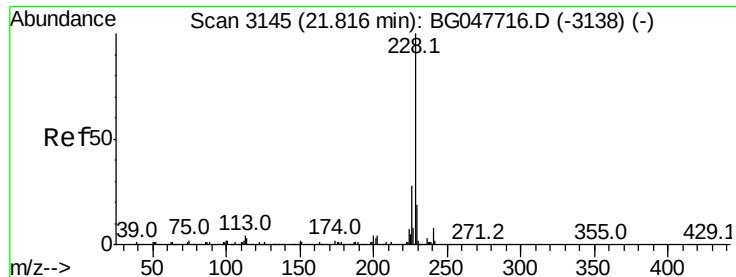
#84
 3,3'-Dichlorobenzidine
 Concen: 0.025 ng/ul
 RT: 21.72 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG047719.D
 Acq: 11 Dec 2020 18:27

Tgt Ion:252 Resp: 154
 Ion Ratio Lower Upper
 252 100
 254 55.1 46.9 70.3
 126 0.0 3.8 5.8#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E





#85

Benzo(a)anthracene

Concen: 0.049 ng/ul

RT: 21.82 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

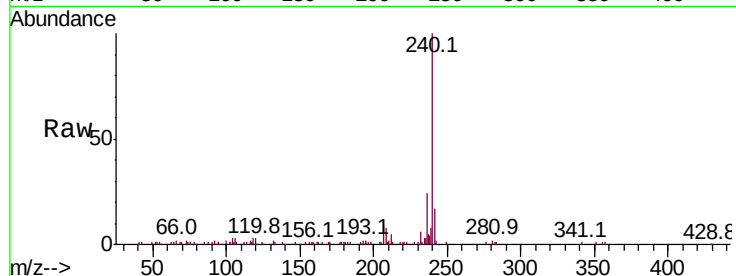
Tot Ion:228 Resp: 868

Ion Ratio Lower Upper

228 100

229 0.0 16.2 24.4#

226 27.7 20.4 30.6

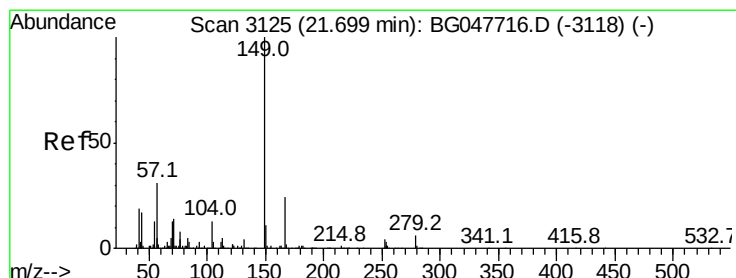
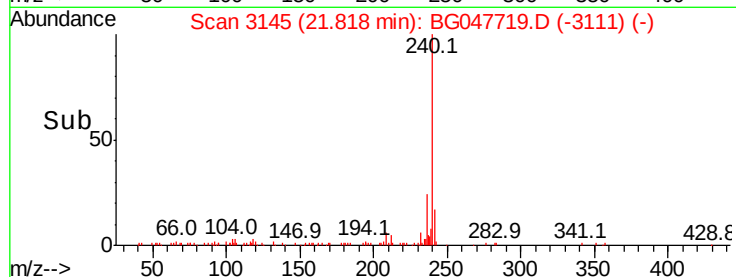
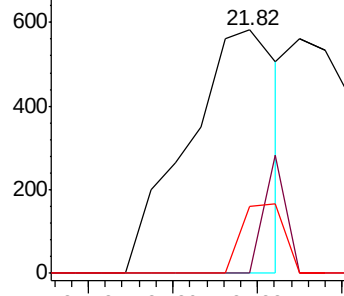


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng/ul

RT: 21.69 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

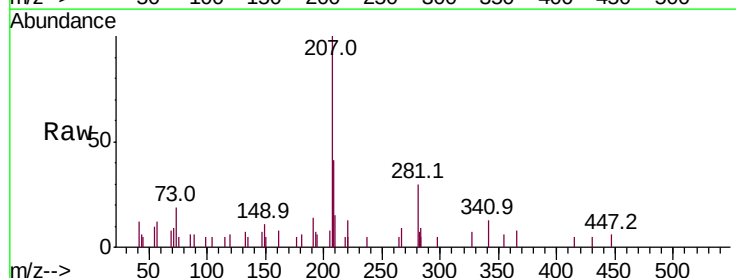
Tgt Ion:149 Resp: 417

Ion Ratio Lower Upper

149 100

167 0.0 25.1 37.7#

279 0.0 5.2 7.8#

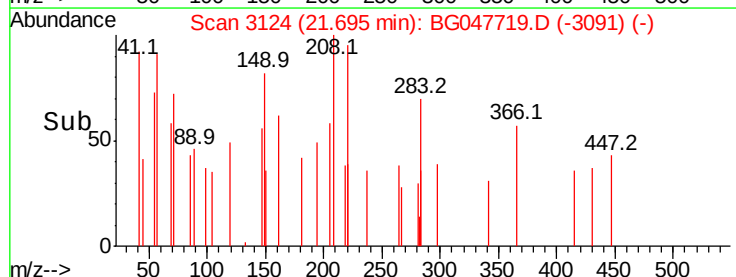
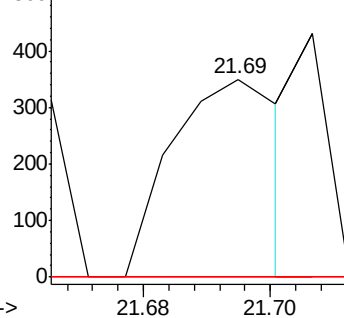


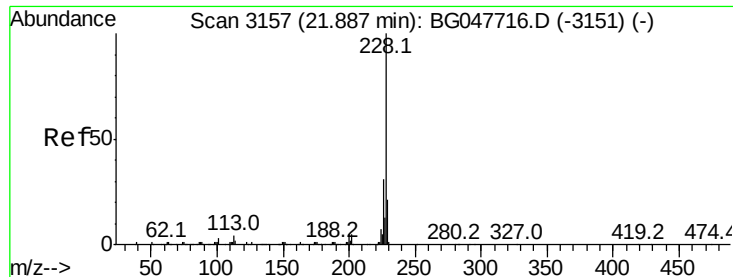
Abundance

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





#87

Chrysene

Concen: 0.043 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

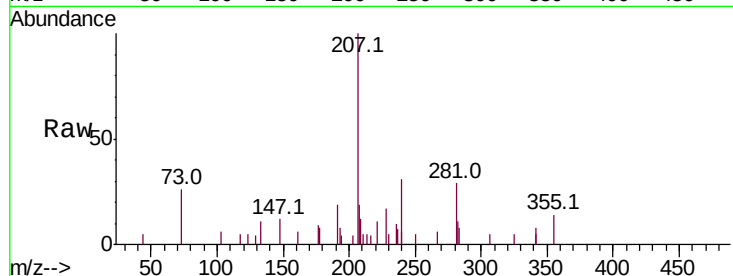
Tot Ion:228 Resp: 720

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

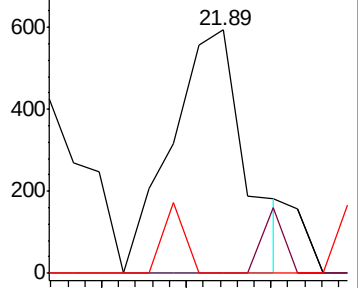
229 0.0 16.2 24.2#



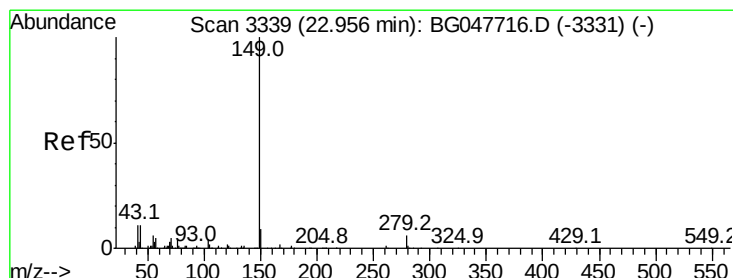
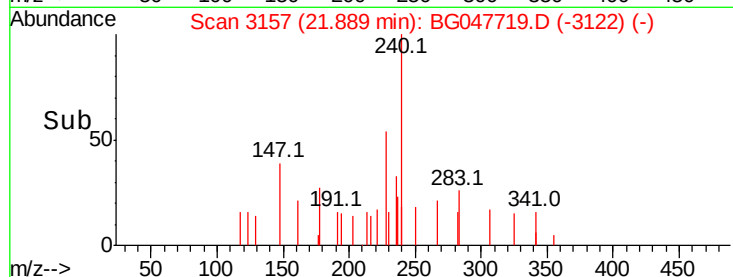
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#89

Di-n-octyl phthalate

Concen: 0.048 ng/ul

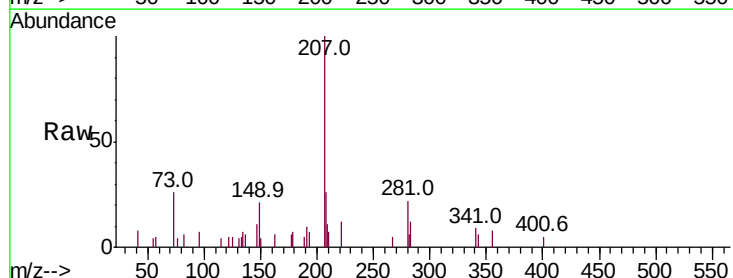
RT: 22.96 min Scan# 3340

Delta R.T. 0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Tgt Ion:149 Resp: 626



Abundance Ion 149.00 (148.70 to 149.70): E

1000

800

600

400

200

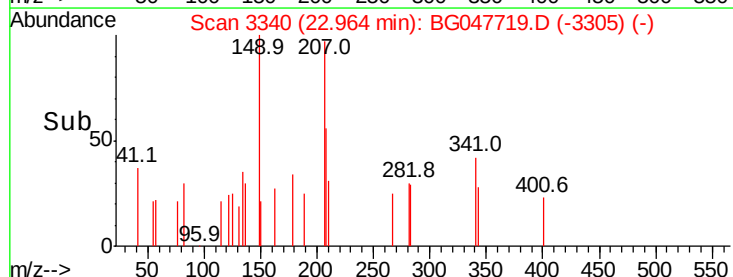
0

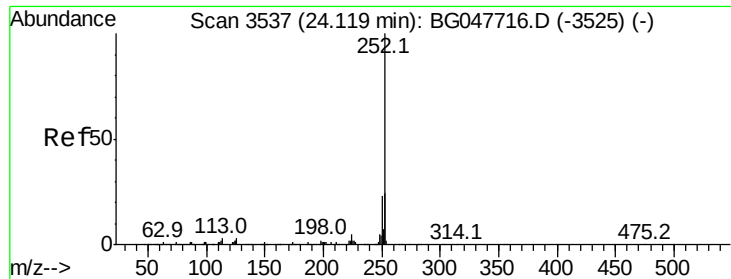
22.94

22.96

22.98

Time-->





#90

Benzo(b)fluoranthene

Concen: 0.005 ng/ul

RT: 24.13 min Scan# 3539

Delta R.T. 0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

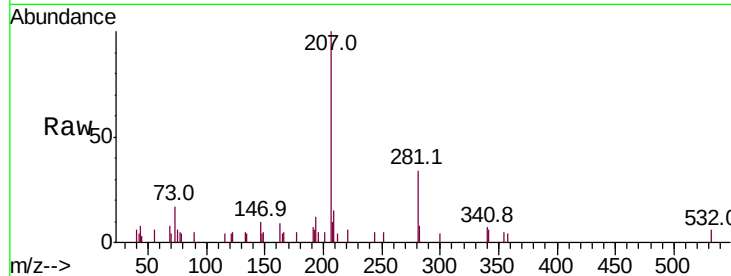
Tot Ion:252 Resp: 81

Ion Ratio Lower Upper

252 100

253 0.0 16.6 24.8#

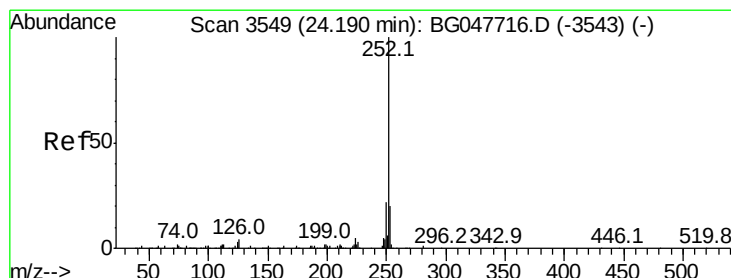
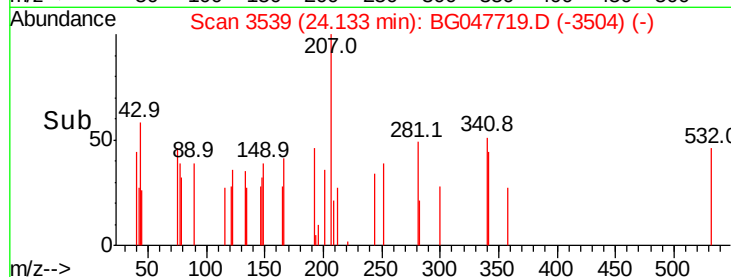
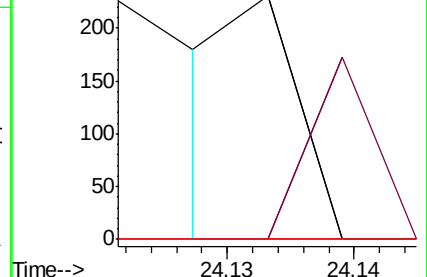
125 0.0 1.8 2.8#



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



#91

Benzo(k)fluoranthene

Concen: 0.030 ng/ul

RT: 24.20 min Scan# 3550

Delta R.T. 0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

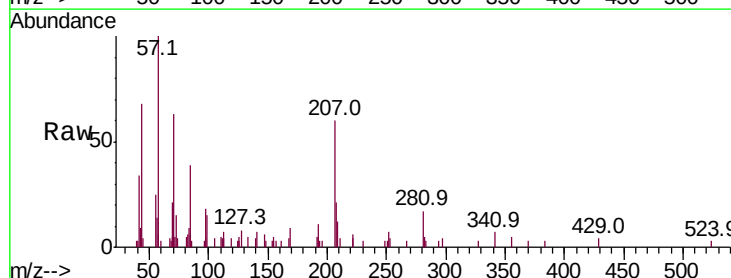
Tgt Ion:252 Resp: 519

Ion Ratio Lower Upper

252 100

253 58.6 17.0 25.4#

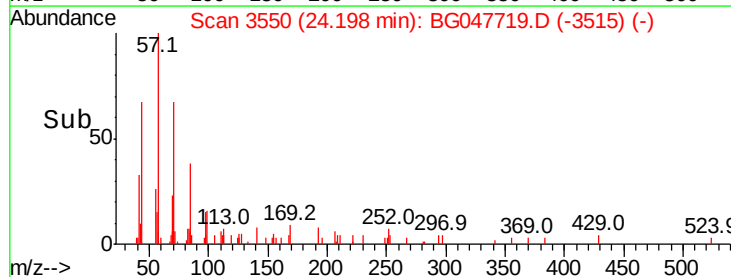
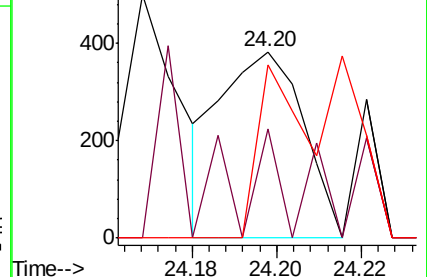
125 92.9 2.2 3.2#

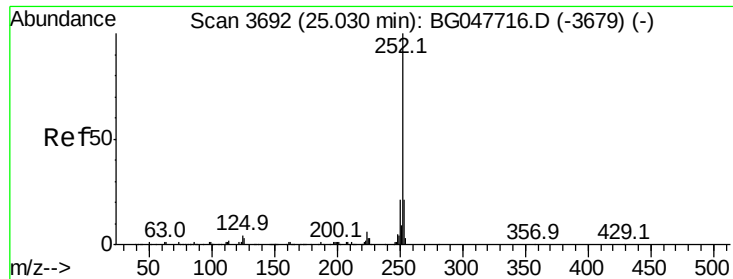


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 25.04 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampled :

SBLK342

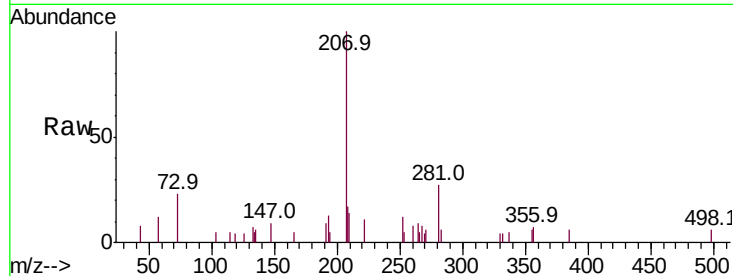
Tot Ion:252 Resp: 320

Ion Ratio Lower Upper

252 100

253 42.3 17.6 26.4#

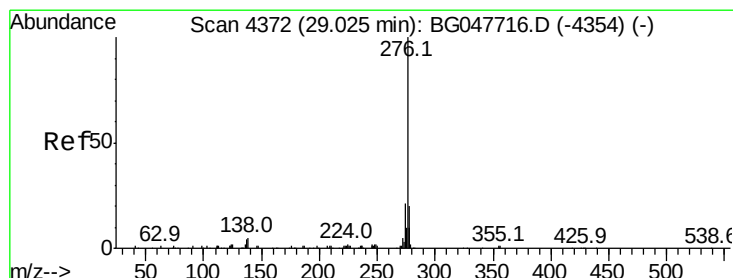
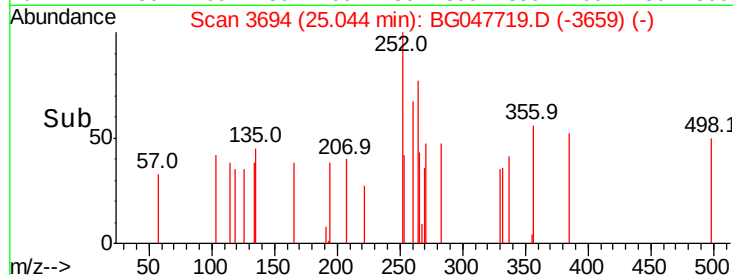
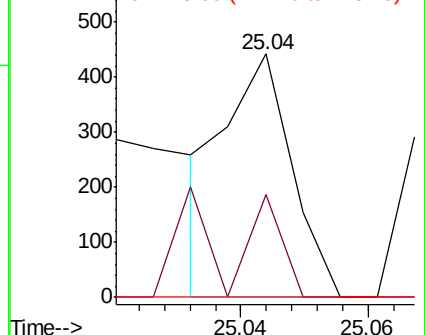
125 0.0 2.6 4.0#



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



#94

Indeno(1,2,3-cd)pyrene

Concen: 0.012 ng/ul

RT: 28.99 min Scan# 4366

Delta R.T. -0.04 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

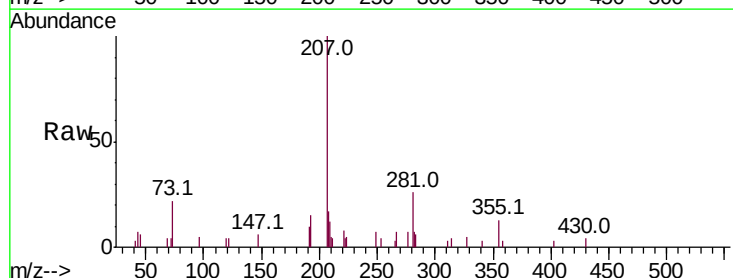
Tgt Ion:276 Resp: 231

Ion Ratio Lower Upper

276 100

138 0.0 5.1 7.7#

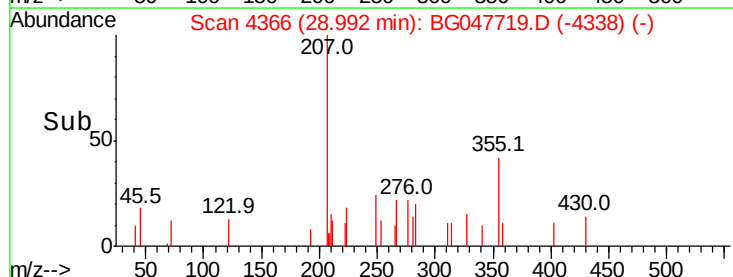
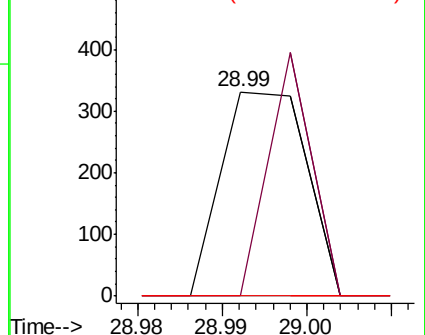
277 0.0 18.4 27.6#

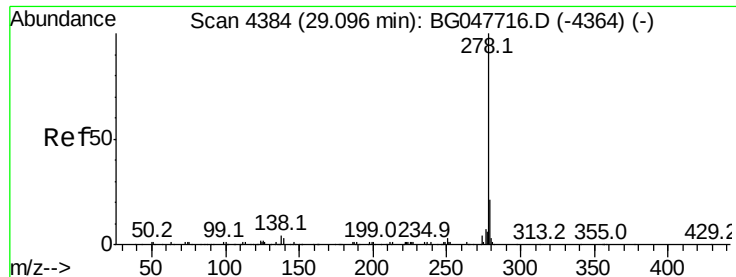


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 29.09 min Scan# 4383

Delta R.T. -0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

Instrument :

BNA_G

ClientSampleId :

SBLK342

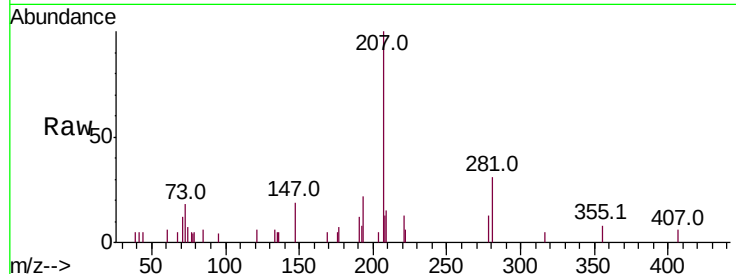
Tot Ion:278 Resp: 327

Ion Ratio Lower Upper

278 100

139 0.0 3.5 5.3#

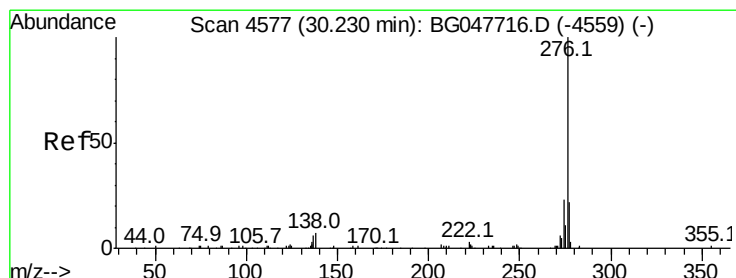
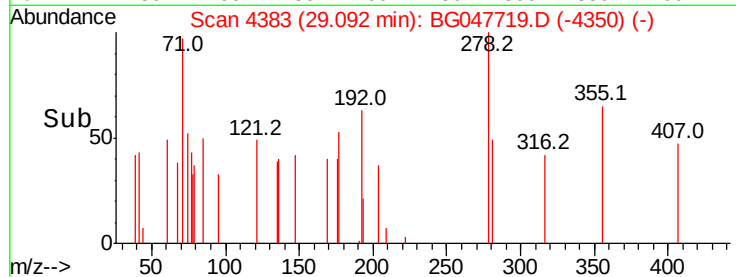
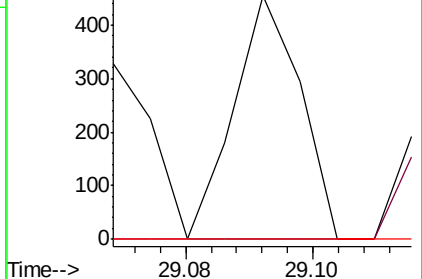
279 0.0 18.6 28.0#



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



#96

Benzo(g,h,i)perylene

Concen: 0.004 ng/ul

RT: 30.23 min Scan# 4577

Delta R.T. -0.01 min

Lab File: BG047719.D

Acq: 11 Dec 2020 18:27

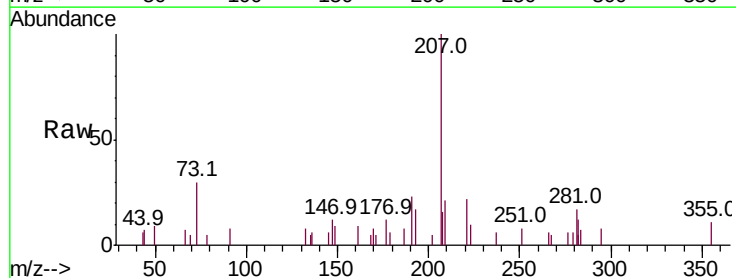
Tgt Ion:276 Resp: 69

Ion Ratio Lower Upper

276 100

138 0.0 4.2 6.4#

277 0.0 16.0 24.0#



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

