

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047632.D
 Acq On : 8 Dec 2020 00:50
 Operator : CG/JU
 Sample : L4862-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 04:26:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 04:12:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27643	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	105242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	79595	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	197806	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	191123	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	202610	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3145	6.06	ng/uL	0.01
5) Phenol-d5	7.35	99	64056	27.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	36985	30.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	49136	27.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	41765	22.24	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	26127	30.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	33331	32.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	63815	28.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	57384	27.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	203254	29.40	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	241728	30.61	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	24406	23.80	ng/ul	0.00
58) Fluorene-d10	15.82	176	188331	29.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	36956	27.60	ng/ul	0.00
71) Anthracene-d10	17.57	188	197806	20.05	ng/ul	-0.10
79) Pyrene-d10	19.94	212	344750	30.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	360013	30.42	ng/ul	0.00

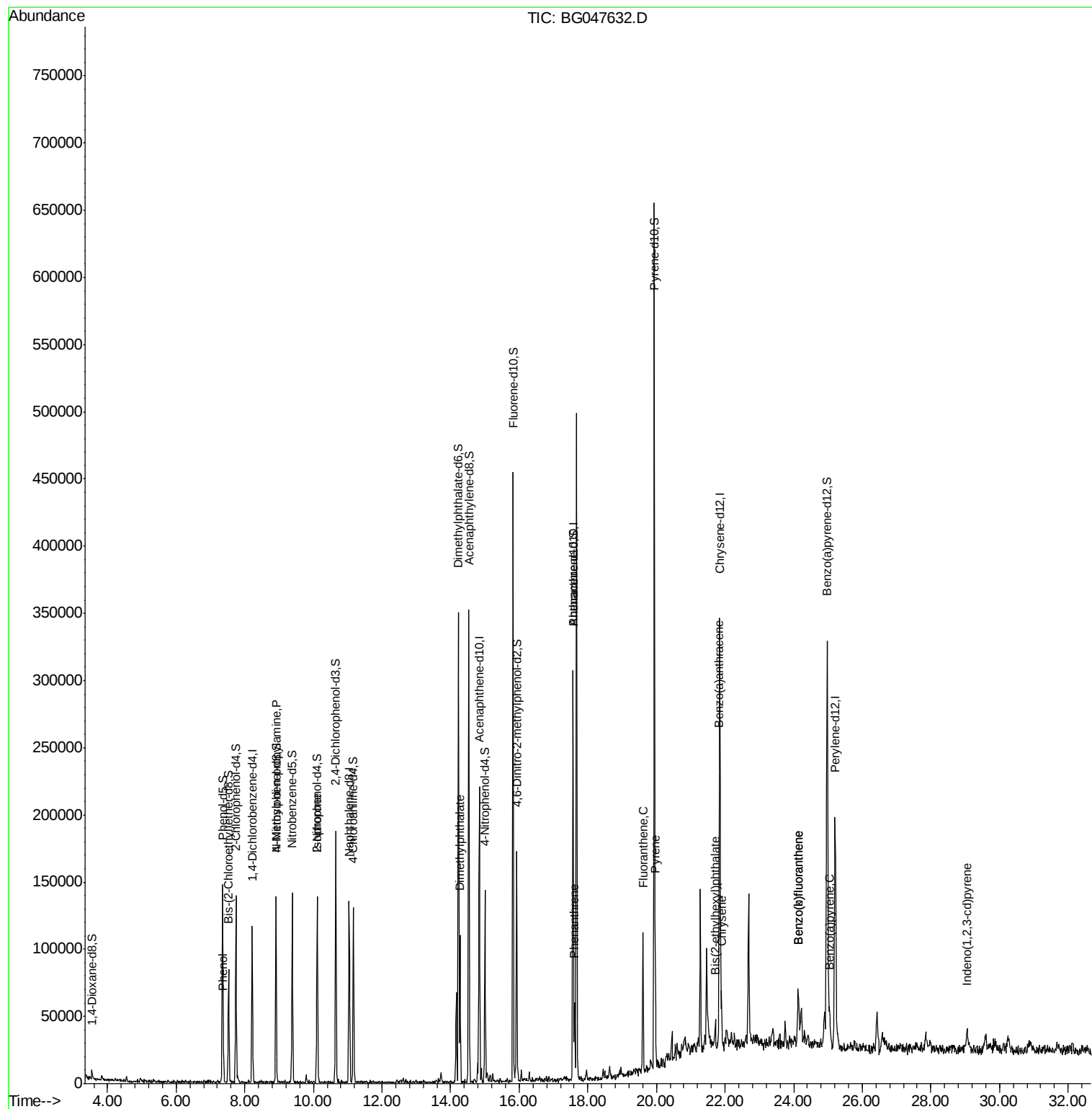
Target Compounds				Ovalue		
6) Phenol	7.38	94	7733	3.460	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.90	70	1725	1.054	ng/ul#	1
21) Isophorone	10.11	82	5311	1.138	ng/ul#	74
45) Dimethylphthalate	14.27	163	59694	8.523	ng/ul	99
70) Phenanthrene	17.62	178	36360	3.391	ng/ul	94
77) Fluoranthene	19.61	202	67520	4.950	ng/ul#	98
80) Pyrene	19.97	202	55476	3.991	ng/ul#	96
83) Benzo(a)anthracene	21.83	228	35085	2.569	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.72	149	6588	1.015	ng/ul#	86
85) Chrysene	21.89	228	31856	2.472	ng/ul#	90
88) Benzo(b)fluoranthene	24.14	252	49675	3.512	ng/ul#	93
89) Benzo(k)fluoranthene	24.14	252	49675	3.544	ng/ul	97
91) Benzo(a)pyrene	25.06	252	32855	2.576	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.05	276	21260	1.367	ng/ul#	94

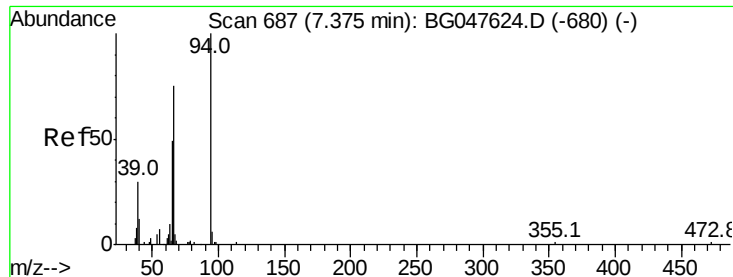
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 08 04:26:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 04:12:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 3.460 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

Instrument :

BNA_G

ClientSampleId :

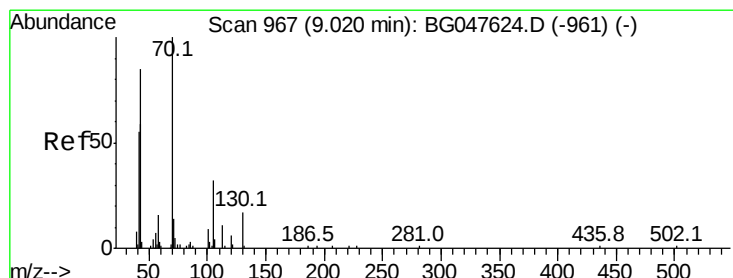
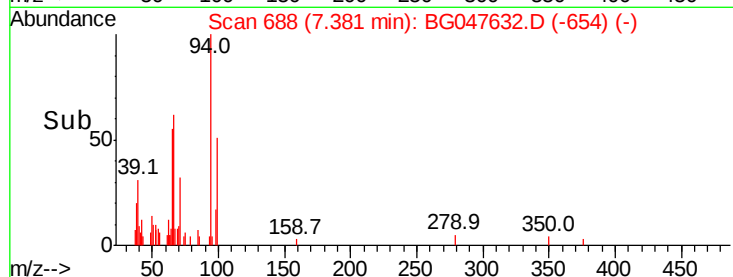
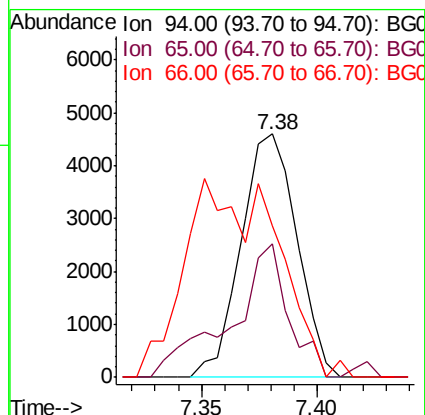
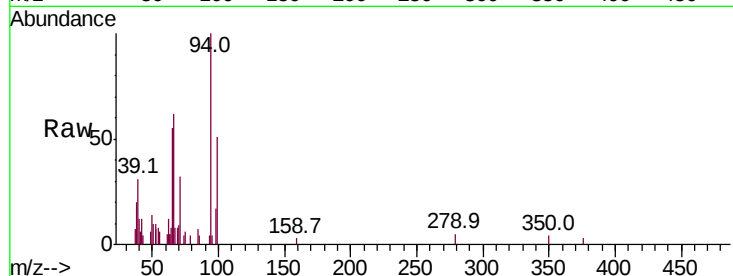
Tot Ion: 94 Resp: 7733

Ion Ratio Lower Upper

94 100

65 55.1 35.9 53.9#

66 62.1 50.1 75.1



#15

N-Nitroso-di-n-propylamine

Concen: 1.054 ng/ul

RT: 8.90 min Scan# 947

Delta R.T. -0.12 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

Tgt Ion: 70 Resp: 1725

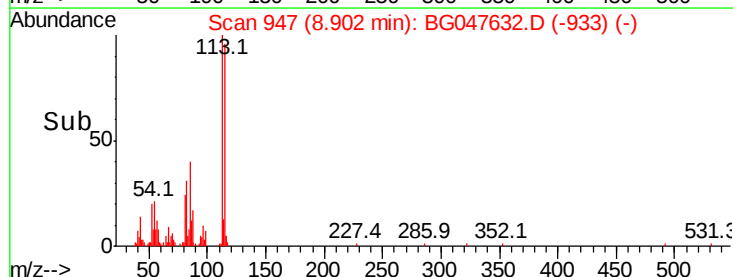
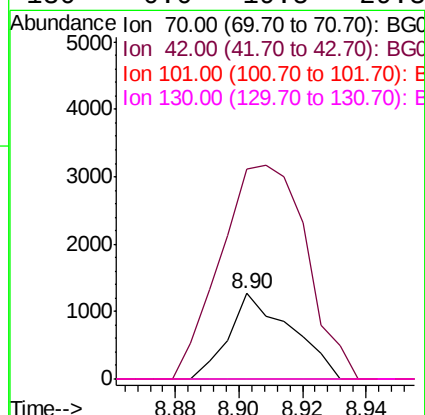
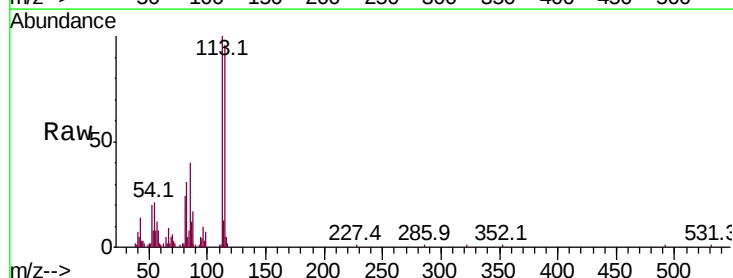
Ion Ratio Lower Upper

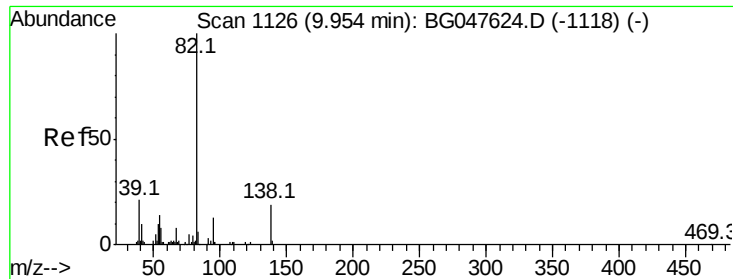
70 100

42 246.0 49.9 74.9#

101 0.0 8.2 12.4#

130 0.0 19.5 29.3#





#21

Isophorone

Concen: 1.138 ng/ul

RT: 10.11 min Scan# 1152

Delta R.T. 0.16 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

Instrument :

BNA_G

ClientSampleId :

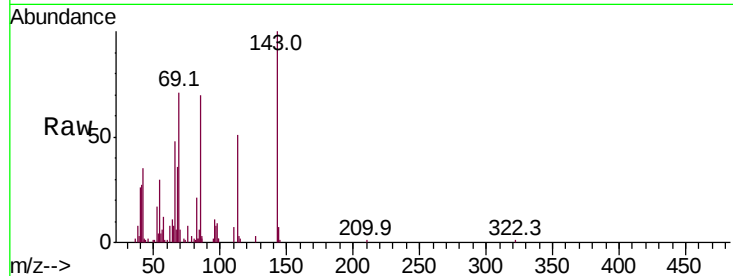
Tot Ion: 82 Resp: 5311

Ion Ratio Lower Upper

82 100

95 10.9 9.4 14.0

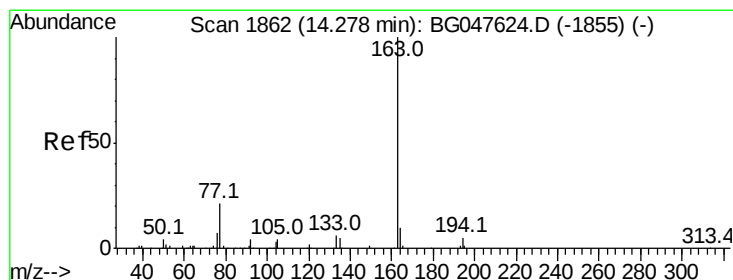
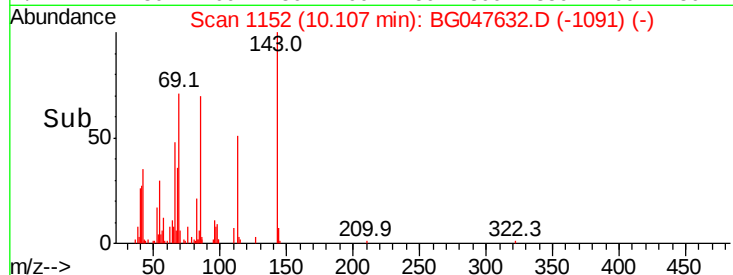
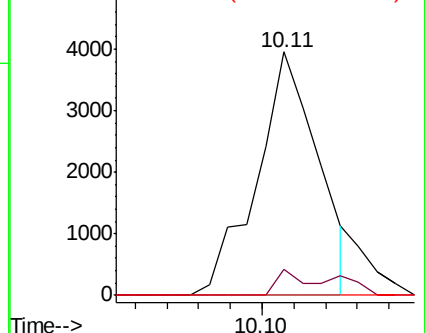
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BG047632.D (-1091) (-)

Ion 95.00 (94.70 to 95.70): BG047632.D (-1091) (-)

Ion 138.00 (137.70 to 138.70): BG047632.D (-1091) (-)



#45

Dimethylphthalate

Concen: 8.523 ng/ul

RT: 14.27 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

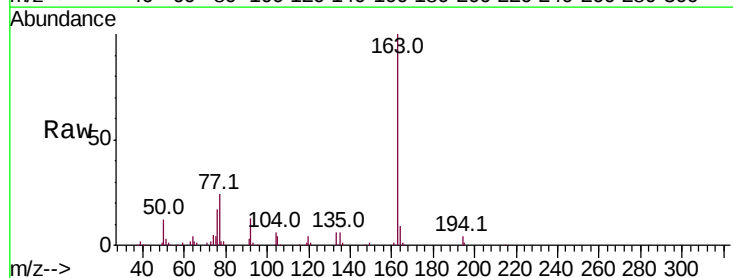
Tgt Ion: 163 Resp: 59694

Ion Ratio Lower Upper

163 100

194 4.3 3.9 5.9

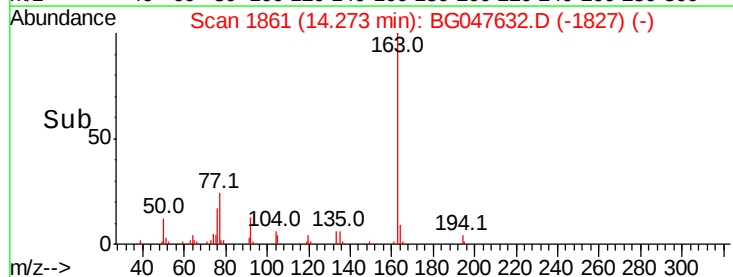
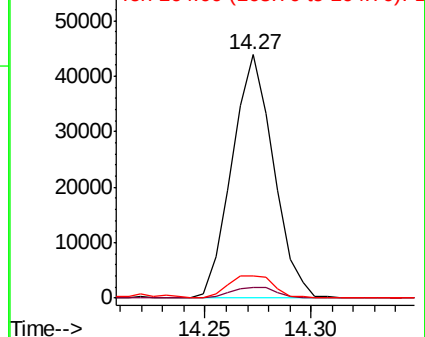
164 9.0 7.4 11.2

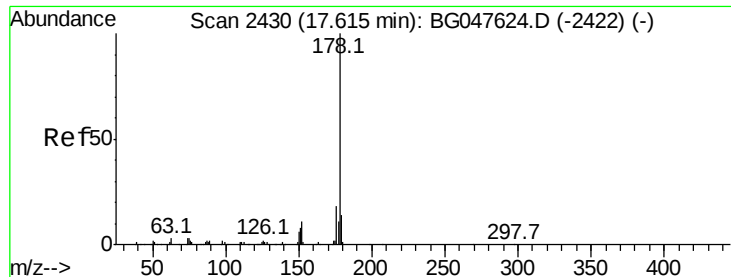


Abundance Ion 163.00 (162.70 to 163.70): BG047632.D (-1827) (-)

Ion 194.00 (193.70 to 194.70): BG047632.D (-1827) (-)

Ion 164.00 (163.70 to 164.70): BG047632.D (-1827) (-)

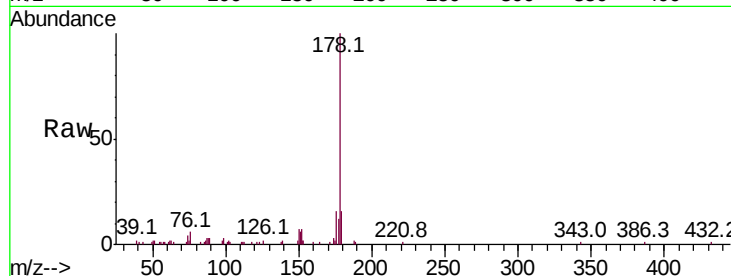




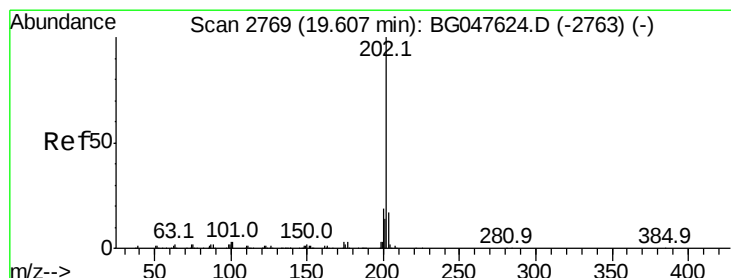
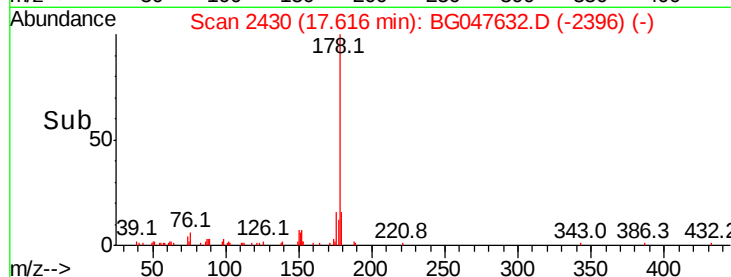
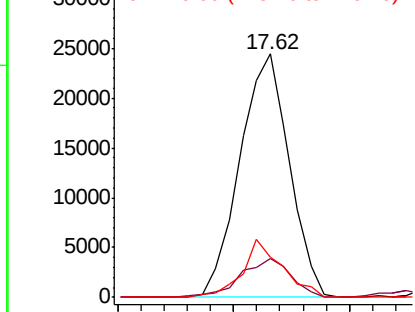
#70
Phenanthrene
Concen: 3.391 ng/ul
RT: 17.62 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG047632.D
Acq: 8 Dec 2020 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.6	17.4
176	16.3	15.8	23.8

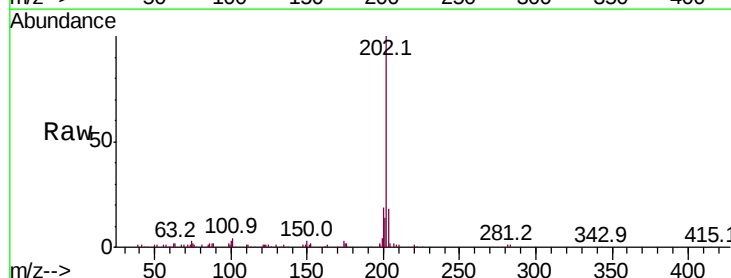


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

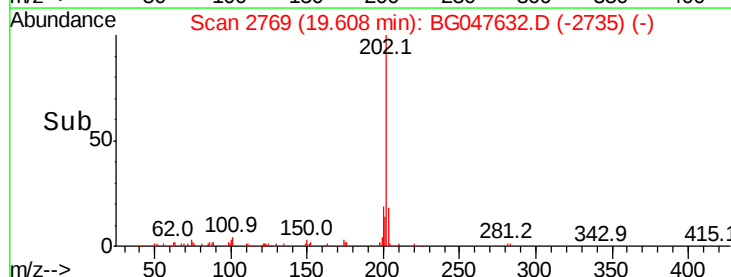
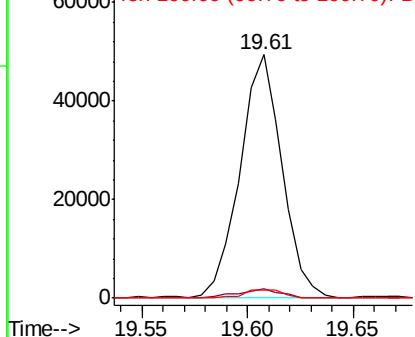


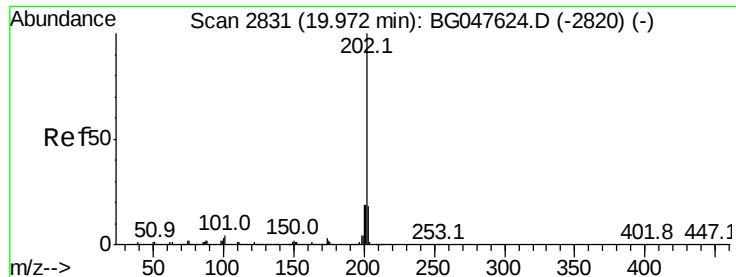
#77
Fluoranthene
Concen: 4.950 ng/ul
RT: 19.61 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG047632.D
Acq: 8 Dec 2020 00:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.0	2.4	3.6#
100	3.1	2.6	3.8



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

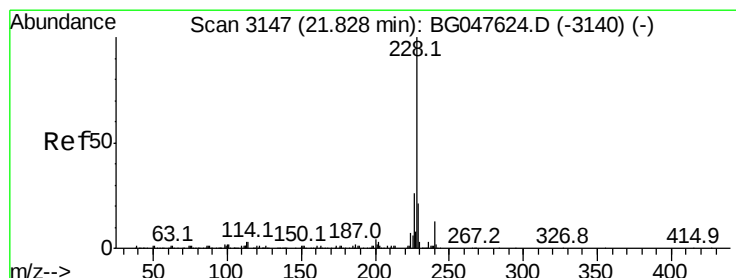
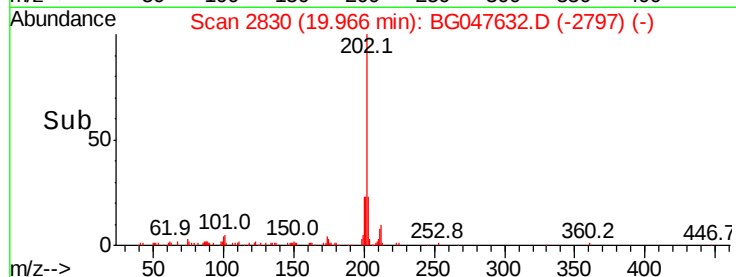
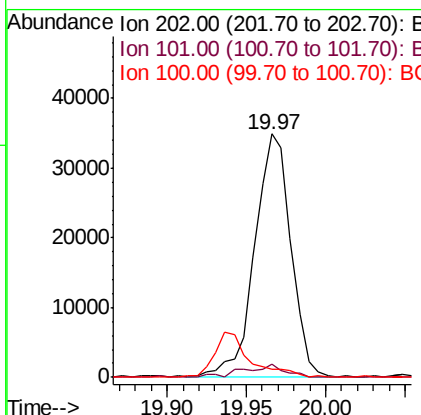
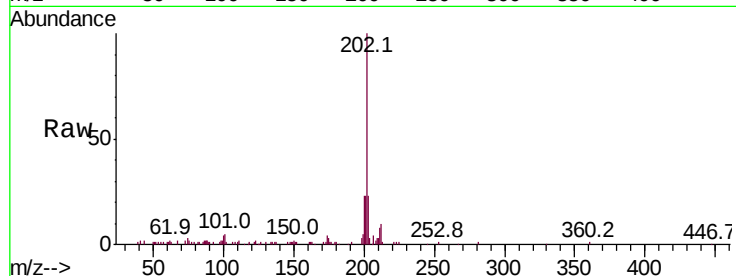




#80
Pvrene
Concen: 3.991 ng/ul
RT: 19.97 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG047632.D
Acq: 8 Dec 2020 00:50

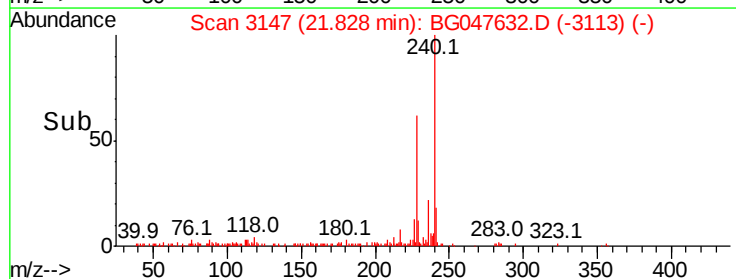
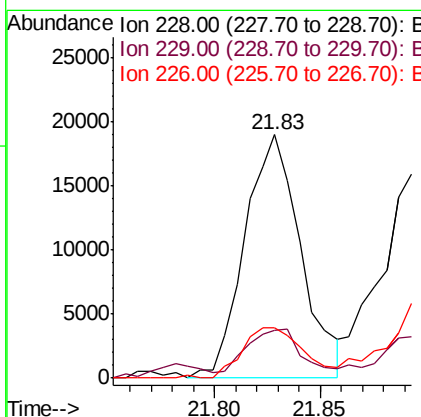
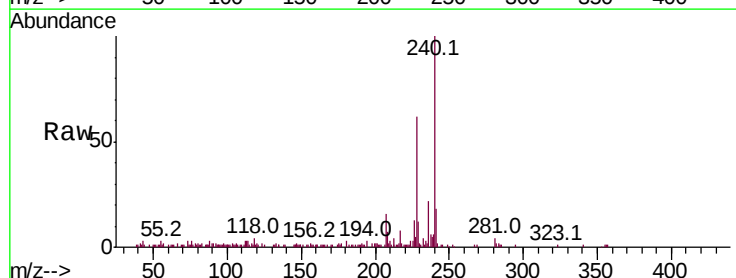
Instrument :
BNA_G
ClientSampleId :

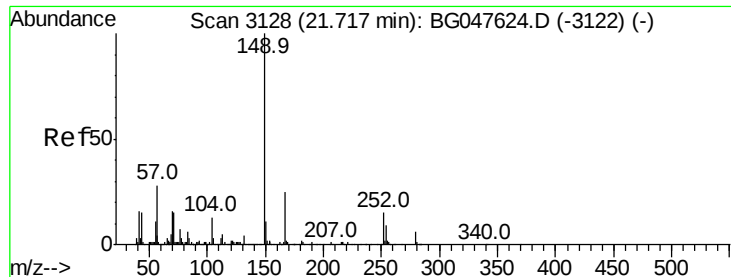
Tot Ion	Ratio	Lower	Upper
202	100		
101	5.4	2.5	3.7#
100	3.6	2.4	3.6



#83
Benzo(a)anthracene
Concen: 2.569 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG047632.D
Acq: 8 Dec 2020 00:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.0	24.0
226	20.5	22.4	33.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.015 ng/ul

RT: 21.72 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

Instrument :

BNA_G

ClientSampleId :

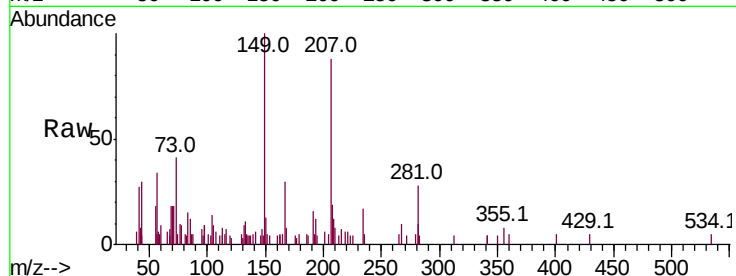
Tot Ion:149 Resp: 6588

Ion Ratio Lower Upper

149 100

167 38.3 23.8 35.6#

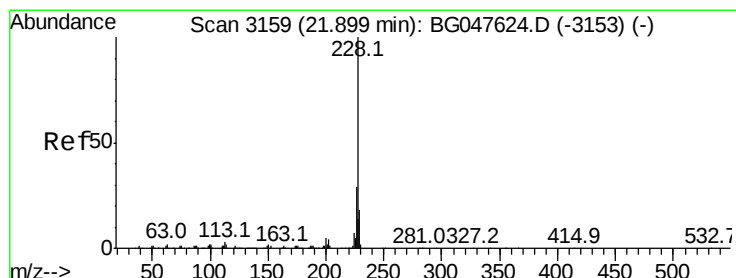
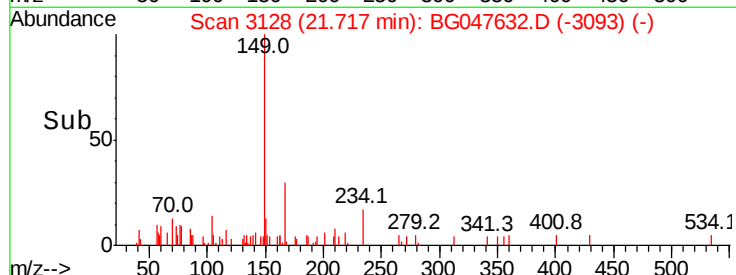
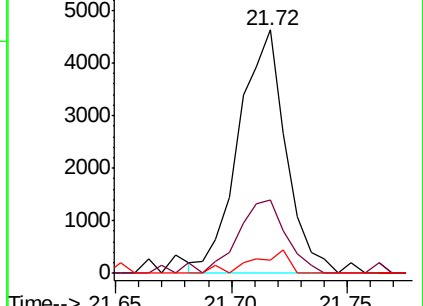
279 5.4 5.3 7.9



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

Chrysene

Concen: 2.472 ng/ul

RT: 21.89 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

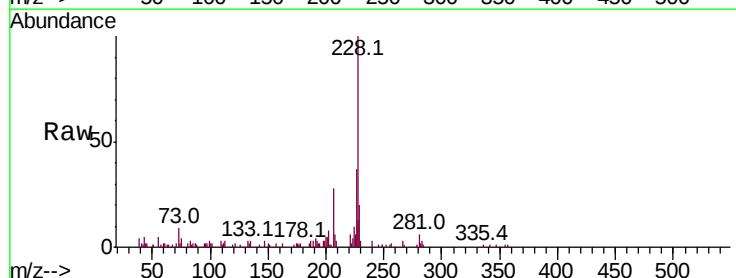
Tgt Ion:228 Resp: 31856

Ion Ratio Lower Upper

228 100

226 36.8 23.0 34.4#

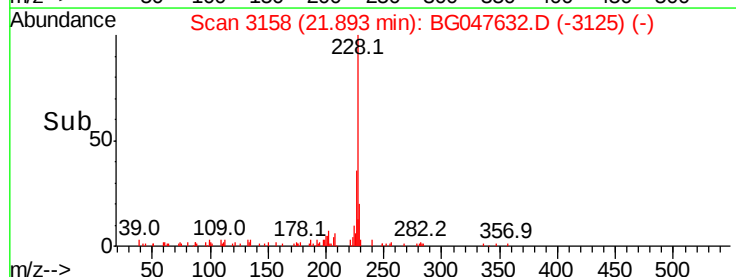
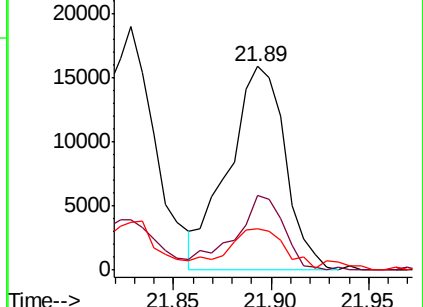
229 20.5 15.8 23.8

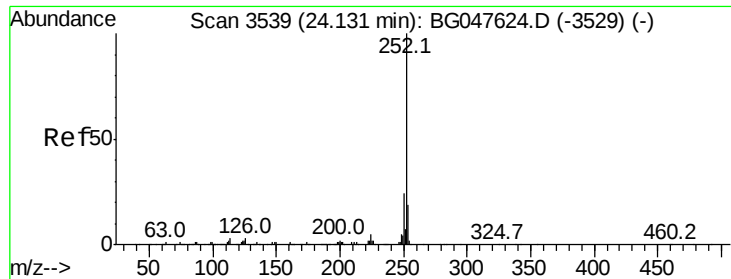


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.512 ng/ul

RT: 24.14 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

Instrument :

BNA_G

ClientSampled :

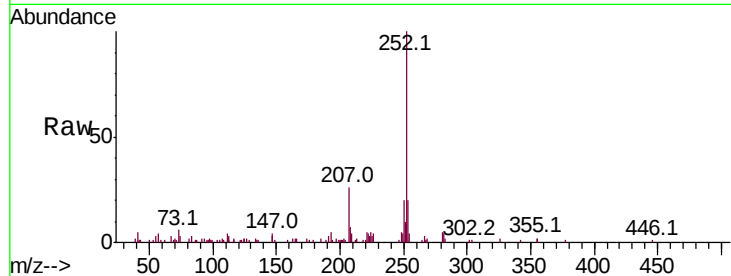
Tot Ion:252 Resp: 49675

Ion Ratio Lower Upper

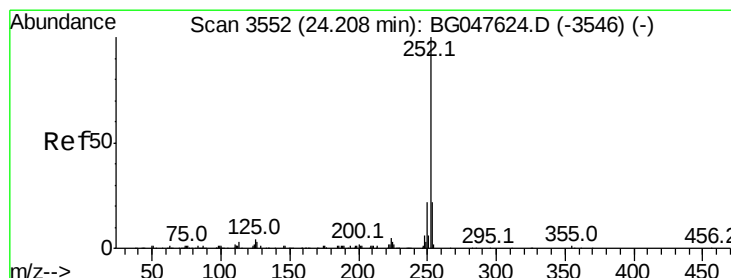
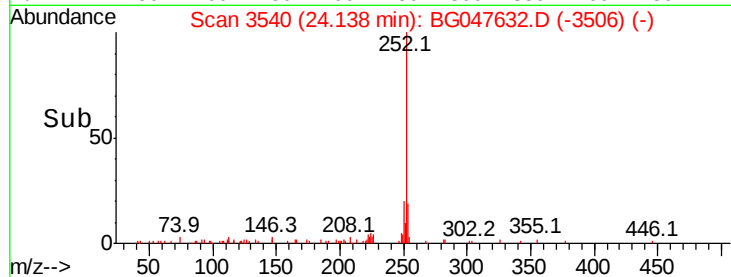
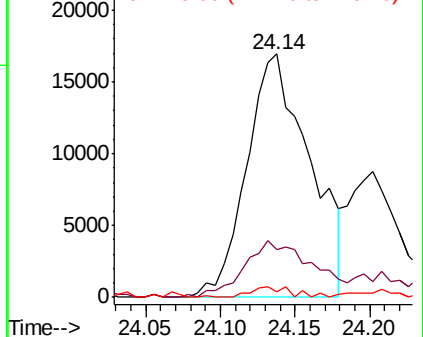
252 100

253 19.5 18.7 28.1

125 2.4 2.6 3.8#



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



#89

Benzo(k)fluoranthene

Concen: 3.544 ng/ul

RT: 24.14 min Scan# 3540

Delta R.T. -0.07 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

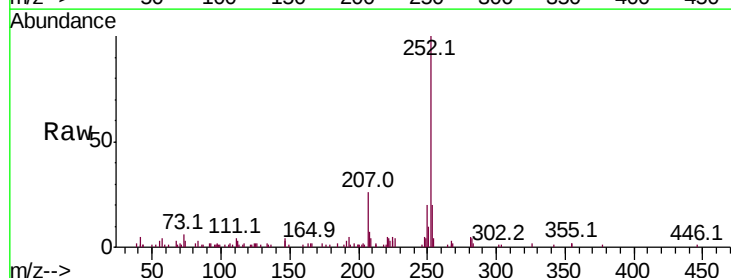
Tgt Ion:252 Resp: 49675

Ion Ratio Lower Upper

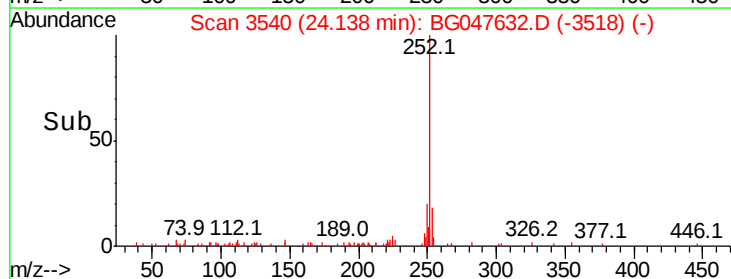
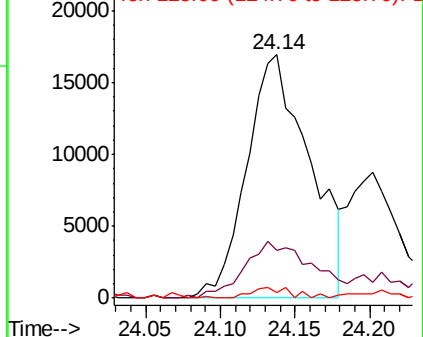
252 100

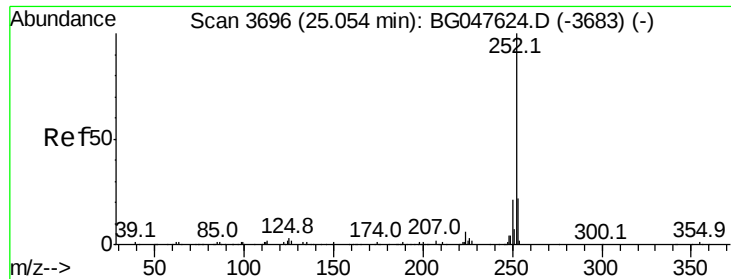
253 19.5 16.9 25.3

125 2.4 2.2 3.4



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(a)pyrene

Concen: 2.576 ng/ul

RT: 25.06 min Scan# 3697

Delta R.T. 0.01 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

Instrument :

BNA_G

ClientSampleId :

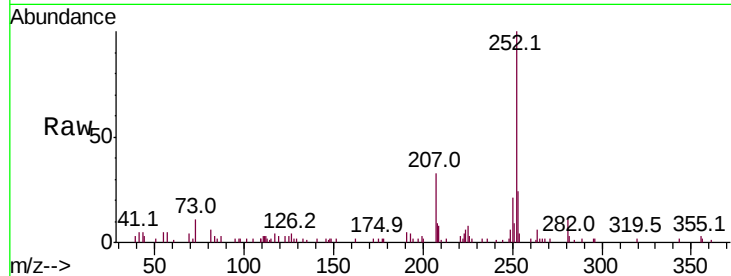
Tot Ion:252 Resp: 32855

Ion Ratio Lower Upper

252 100

253 23.7 16.9 25.3

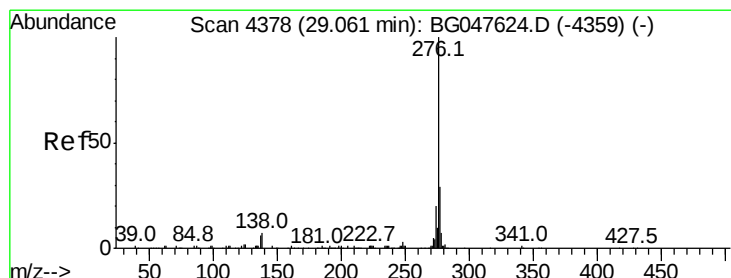
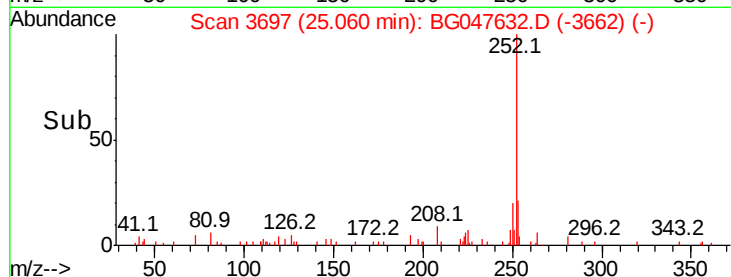
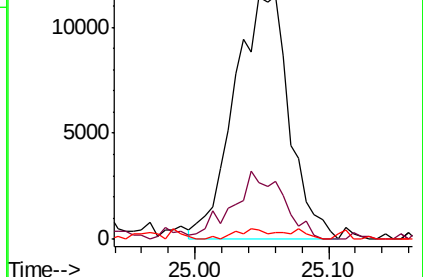
125 3.0 2.6 3.8



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.367 ng/ul

RT: 29.05 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG047632.D

Acq: 8 Dec 2020 00:50

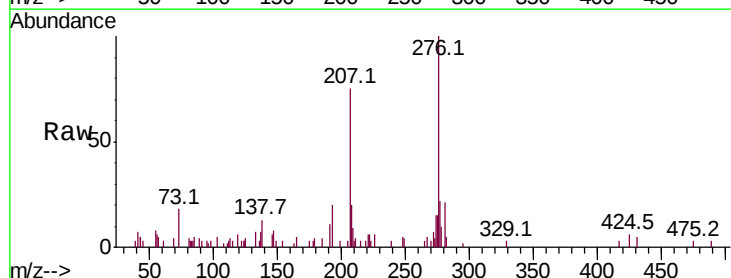
Tgt Ion:276 Resp: 21260

Ion Ratio Lower Upper

276 100

138 13.1 3.3 4.9#

277 22.0 18.6 27.8



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

