

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051617.D
 Acq On : 18 Dec 2021 5:11
 Operator : CG/JU
 Sample : M5121-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL57

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 18 05:48:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	37438	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.110	136	155110	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.911	164	108963	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.654	188	229852	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.972	240	219373	20.000	ng/u1	#-0.01
88) Perylene-d12	25.473	264	231827	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.603	96	2212	2.454	ng/uL	0.00
4) Pyridine-d5	4.032	84	19548m	7.177	ng/u1	-0.01
7) Phenol-d5	7.404	99	52386	15.672	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.580	67	34123	17.172	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.797	132	37911	16.307	ng/u1	-0.01
15) 4-Methylphenol-d8	8.966	113	41911	16.220	ng/u1	-0.01
21) Nitrobenzene-d5	9.442	128	20585	18.101	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.170	143	21719	17.471	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.717	165	40521	15.031	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.228	131	24764	6.977	ng/u1	-0.01
46) Dimethylphthalate-d6	14.300	166	142380	16.325	ng/u1	-0.01
49) Acenaphthylene-d8	14.606	160	169746	15.672	ng/u1	0.00
54) 4-Nitrophenol-d4	15.070	143	23691m	16.704	ng/u1	0.00
60) Fluorene-d10	15.898	176	125114	16.012	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.992	200	15013	12.536	ng/u1	-0.02
73) Anthracene-d10	17.754	188	217092	19.799	ng/u1	0.00
81) Pyrene-d10	20.028	212	246740	18.688	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.227	264	229323	18.800	ng/u1	-0.03
Target Compounds						
8) Phenol	7.433	94	4815	1.449	ng/u1	96
30) Naphthalene	11.163	128	46829	5.604	ng/u1	98
36) 2-Methylnaphthalene	12.755	142	7296	1.224	ng/u1	92
37) 1-Methylnaphthalene	12.973	142	17912	2.894	ng/u1	90
72) Phenanthrene	17.701	178	16884	1.428	ng/u1#	95
83) Butylbenzylphthalate	20.938	149	386065	76.757	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.849	149	929610	131.948	ng/u1#	96
89) Di-n-octyl phthalate	23.165	149	99426	7.963	ng/u1	100

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

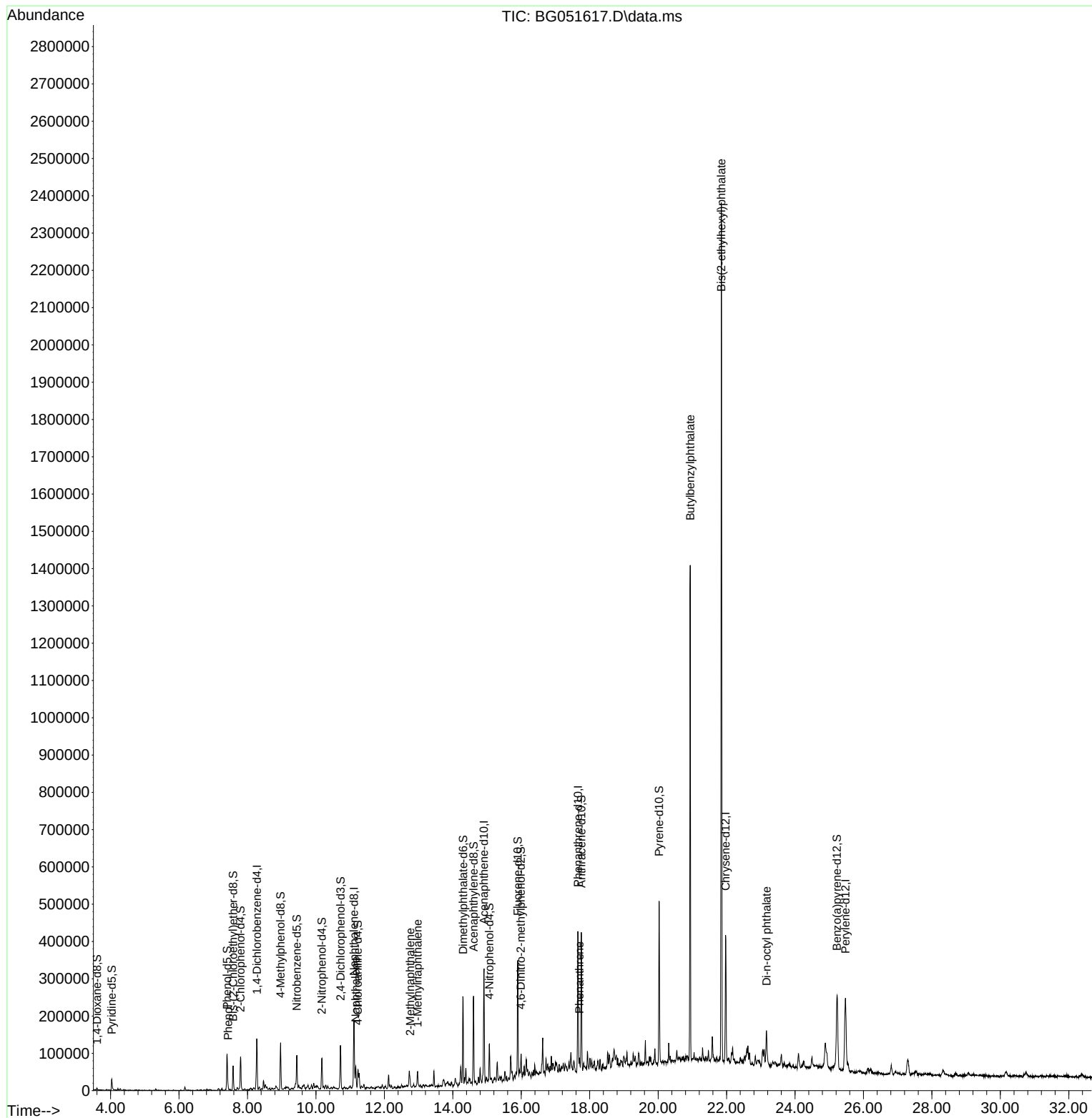
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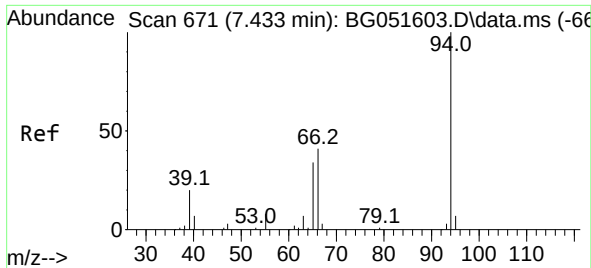
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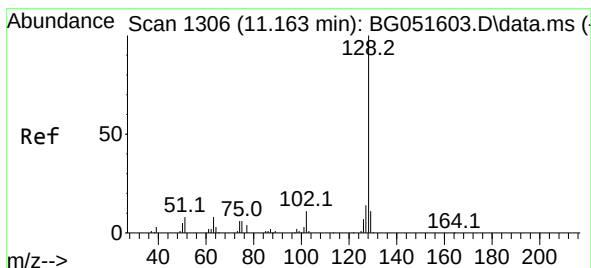
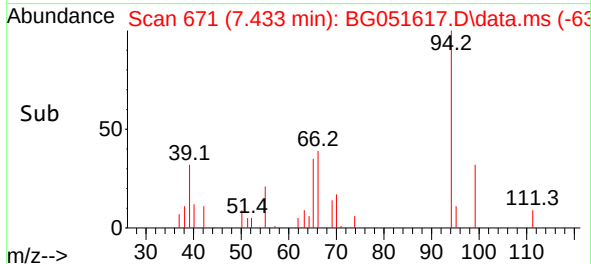
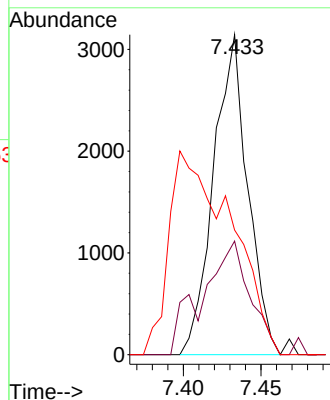
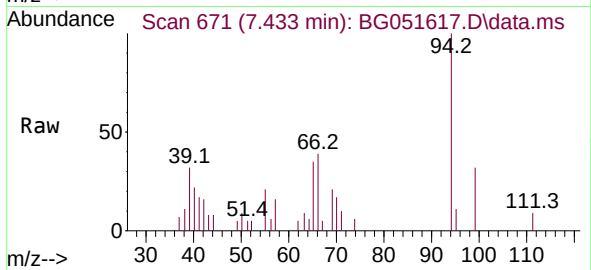
#8
Phenol
Concen: 1.449 ng/ul
RT: 7.433 min Scan# 671
Delta R.T. -0.008 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

Instrument :
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Tgt Ion: 94 Resp: 4815
Ion Ratio Lower Upper
94 100
65 35.5 25.1 37.7
66 39.0 31.6 47.4

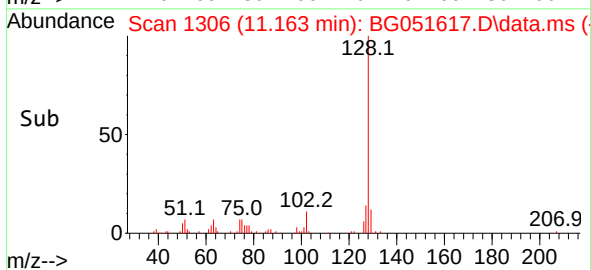
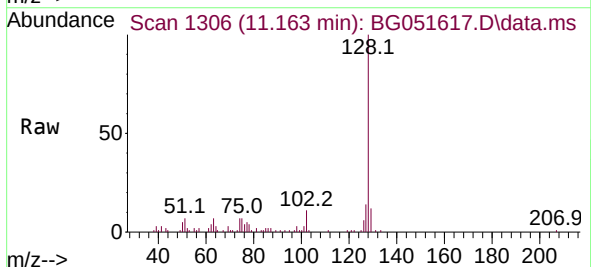
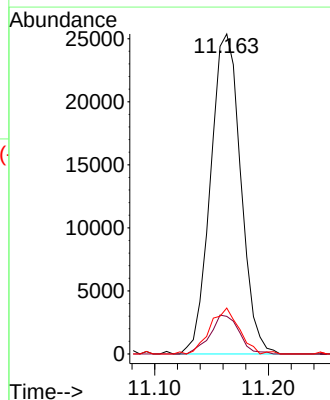
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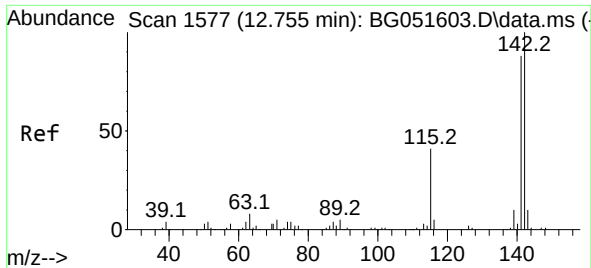
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Supervised By :mohammad ahmed 12/24/2021



#30
Naphthalene
Concen: 5.604 ng/ul
RT: 11.163 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

Tgt Ion:128 Resp: 46829
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 14.3 11.8 17.6





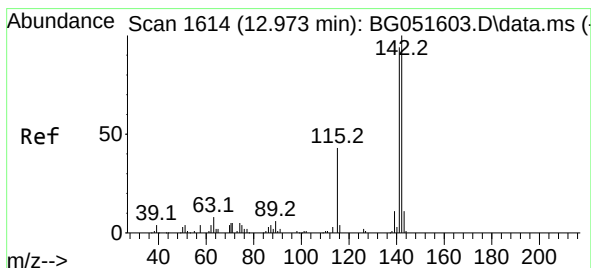
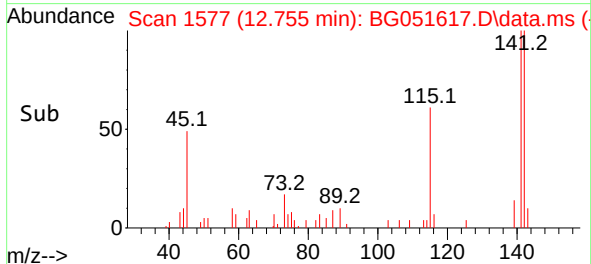
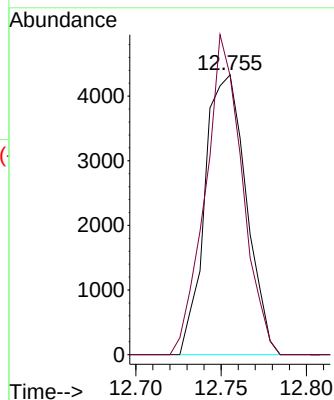
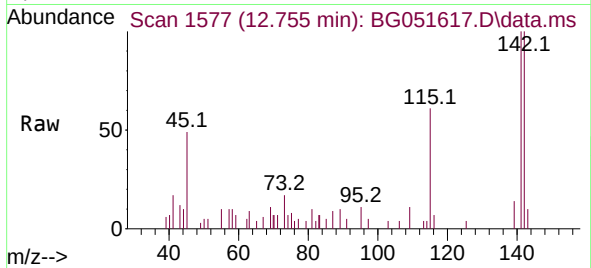
#36
2-Methylnaphthalene
Concen: 1.224 ng/ul
RT: 12.755 min Scan# 1577
Delta R.T. -0.014 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

Instrument :
BNA_G
ClientSampleId :
BGL57

Tgt Ion:142 Resp: 7290
Ion Ratio Lower Upper
142 100
141 99.7 73.3 109.9

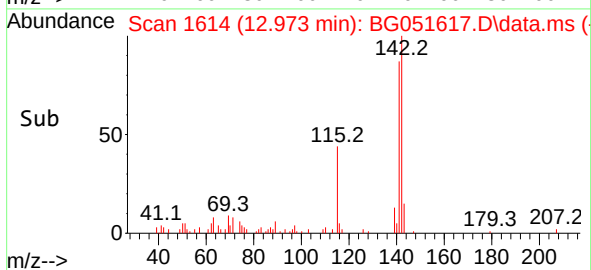
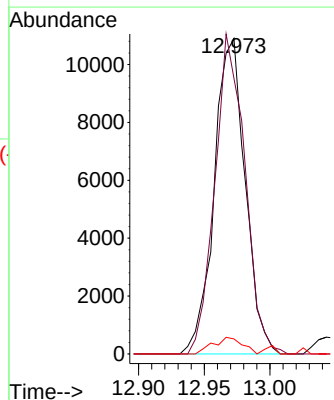
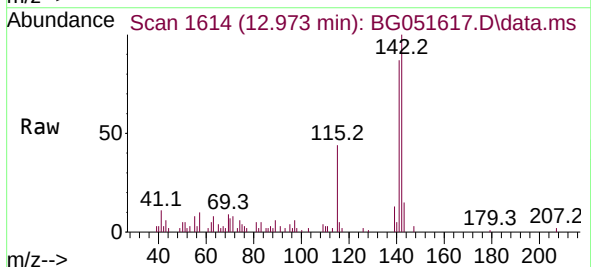
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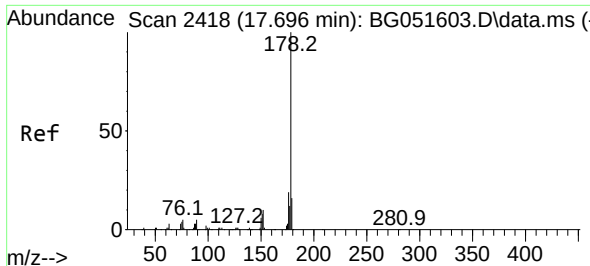
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#37
1-Methylnaphthalene
Concen: 2.894 ng/ul
RT: 12.973 min Scan# 1614
Delta R.T. -0.014 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

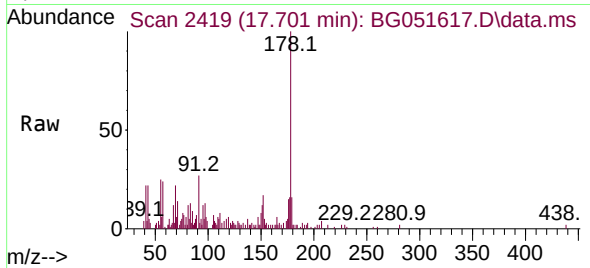
Tgt Ion:142 Resp: 17912
Ion Ratio Lower Upper
142 100
141 87.3 77.8 116.8
116 4.8 3.3 4.9





#72
Phenanthrene
Concen: 1.428 ng/ul
RT: 17.701 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

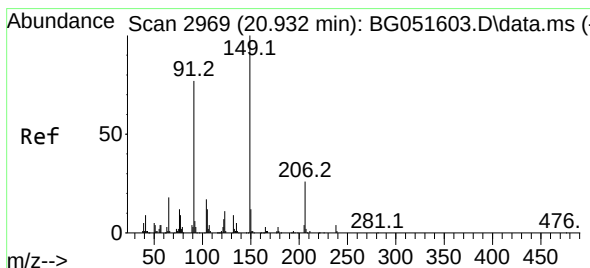
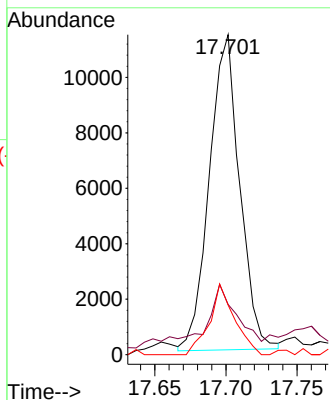
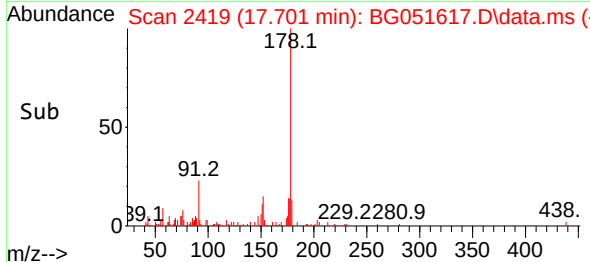
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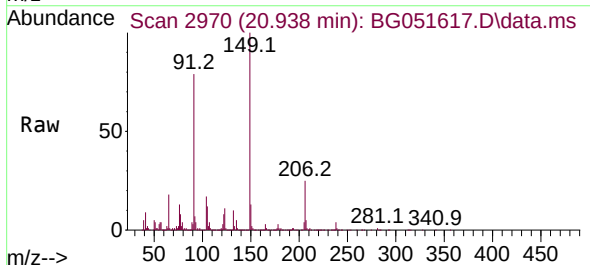
Tgt Ion:178 Resp: 16884
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 15.5 15.5 23.3

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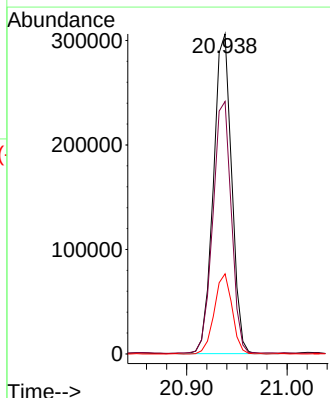
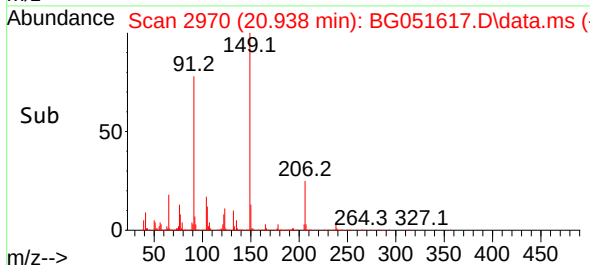
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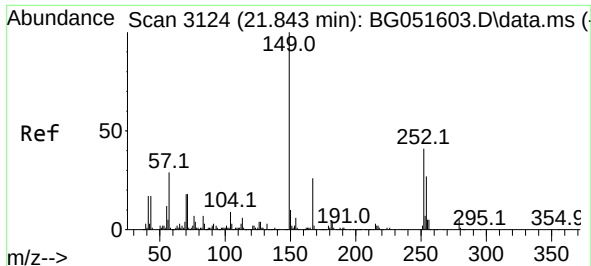


#83
Butylbenzylphthalate
Concen: 76.757 ng/ul
RT: 20.938 min Scan# 2970
Delta R.T. -0.008 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11



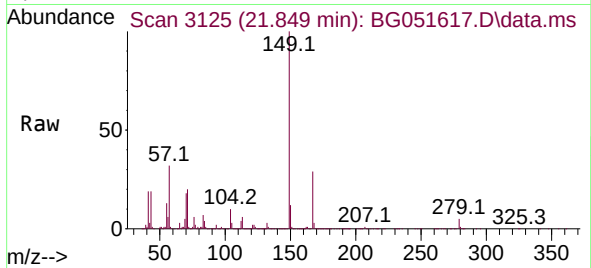
Tgt Ion:149 Resp: 386065
Ion Ratio Lower Upper
149 100
91 78.9 65.2 97.8
206 25.0 16.2 24.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 131.948 ng/ul
RT: 21.849 min Scan# 3124
Delta R.T. -0.020 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

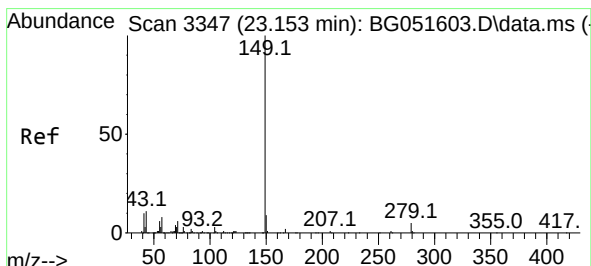
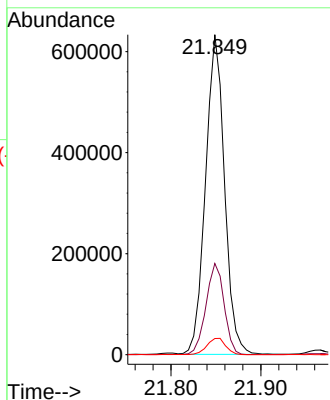
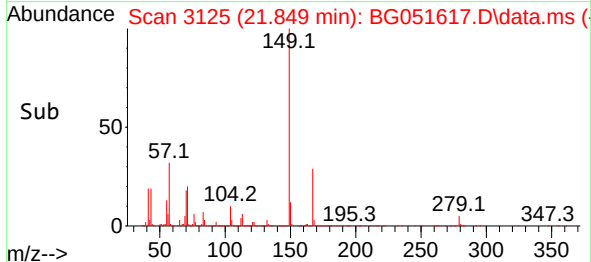
Instrument :
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Tgt Ion:149 Resp: 929610
Ion Ratio Lower Upper
149 100
167 28.5 21.1 31.7
279 5.1 2.7 4.1

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#89
Di-n-octyl phthalate
Concen: 7.963 ng/ul
RT: 23.165 min Scan# 3349
Delta R.T. -0.020 min
Lab File: BG051617.D
Acq: 18 Dec 2021 5:11

Tgt Ion:149 Resp: 99426

