

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049765.D
 Acq On : 10 Aug 2021 20:33
 Operator : CG/JU
 Sample : M3182-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D2

Manual Integrations
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Quant Time: Aug 11 03:05:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	33604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	139395	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	92396	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	186561	20.000	ng/ul	0.00
79) Chrysene-d12	21.718	240	168220	20.000	ng/ul	0.00
88) Perylene-d12	24.990	264	177874	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2033	2.829	ng/uL	0.00
4) Pyridine-d5	3.848	84	19313	8.954	ng/ul	0.00
7) Phenol-d5	7.197	99	52875	17.337	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	33360	19.043	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	42045	19.262	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	24899	10.708	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	24054	21.906	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	27860	22.217	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.486	165	44537	18.836	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	43292	13.374	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	158230	21.822	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	186498	21.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	21826	18.618	ng/ul	0.00
60) Fluorene-d10	15.679	176	133708	21.453	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	25029	19.933	ng/ul	0.00
73) Anthracene-d10	17.536	188	184541	20.955	ng/ul	0.00
81) Pyrene-d10	19.827	212	219795	23.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	204510	20.983	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.909	128	35492	4.876	ng/ul	99
36) 2-Methylnaphthalene	12.513	142	23873	4.283	ng/ul	100
37) 1-Methylnaphthalene	12.730	142	10989	2.026	ng/ul#	99
43) 1,1'-Biphenyl	13.518	154	8930	1.297	ng/ul	99
56) Dibenzofuran	15.086	168	8261	1.024	ng/ul	88
72) Phenanthrene	17.483	178	54989	5.569	ng/ul	96
80) Fluoranthene	19.492	202	43368	3.791	ng/ul#	98
82) Pyrene	19.856	202	35595	3.120	ng/ul#	98
85) Benzo(a)anthracene	21.701	228	22924	2.076	ng/ul	97
87) Chrysene	21.765	228	30380	2.945	ng/ul	94
90) Benzo(b)fluoranthene	23.945	252	33885	2.915	ng/ul#	94
91) Benzo(k)fluoranthene	24.009	252	12158m	1.053	ng/ul	
93) Benzo(a)pyrene	24.832	252	18630m	1.820	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.738	276	17172m	1.279	ng/ul	

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

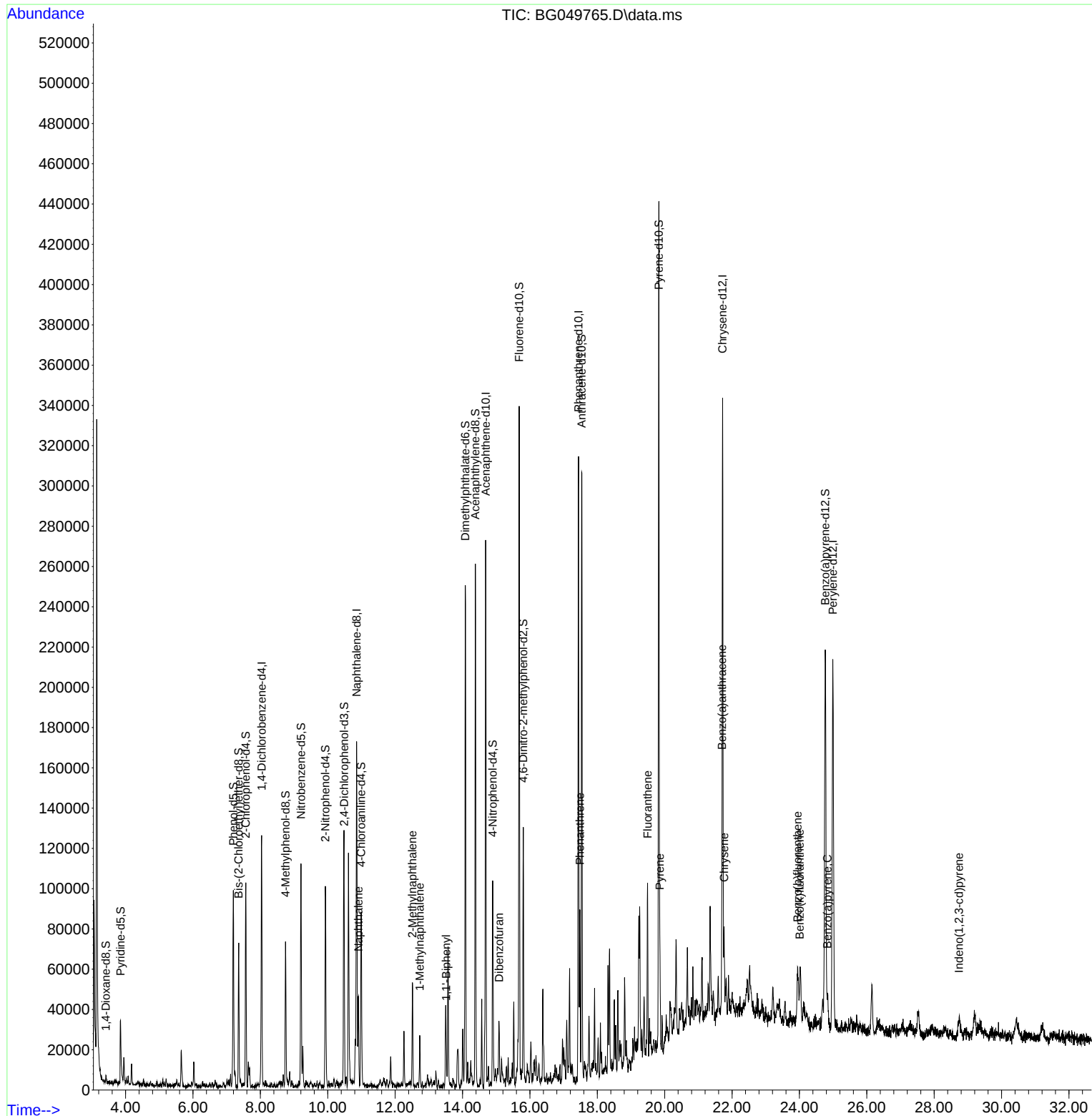
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Data File : BG049765.D
Acq On : 10 Aug 2021 20:33
Operator : CG/JU
Sample : M3182-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

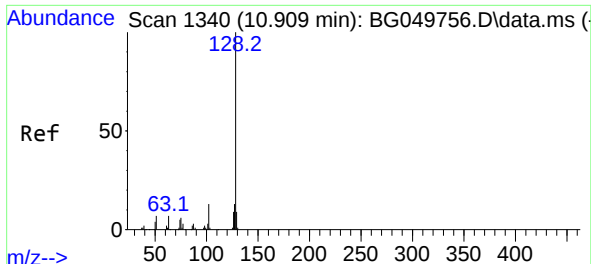
Instrument :
BNA_G
ClientSampleId :
C00D2

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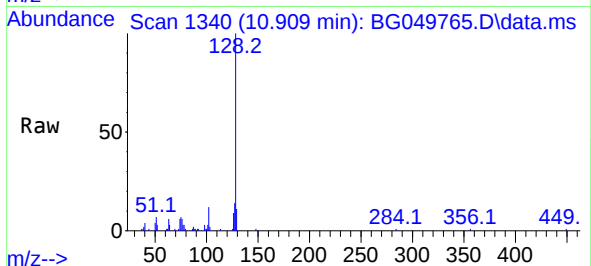
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 4.876 ng/ul
RT: 10.909 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

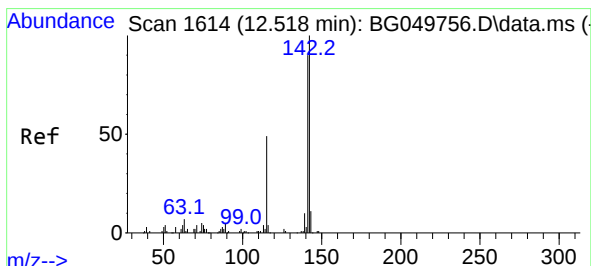
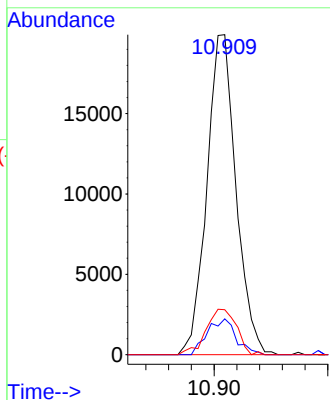
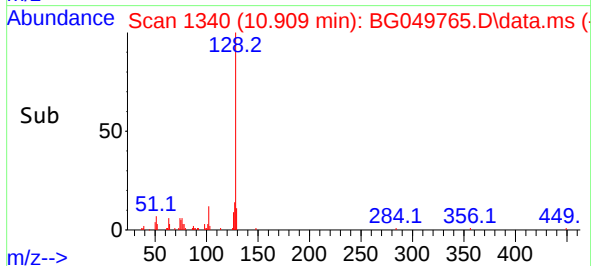
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BNA_G
ClientSampleId :
C00D2



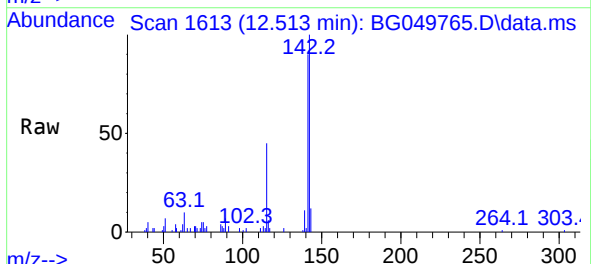
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Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.7	13.1
127	14.1	10.6	16.0

Manual Integrations
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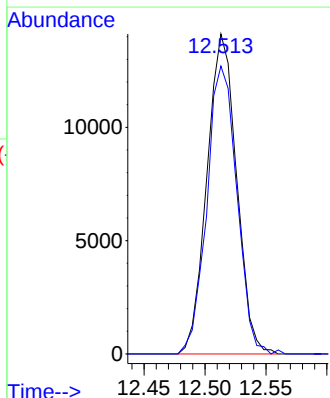
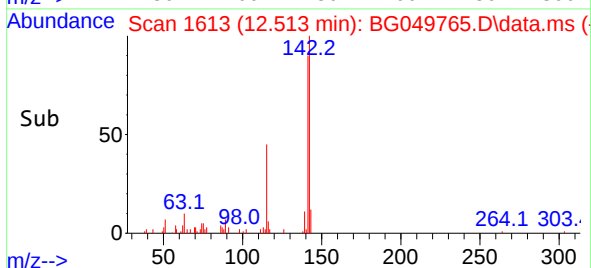
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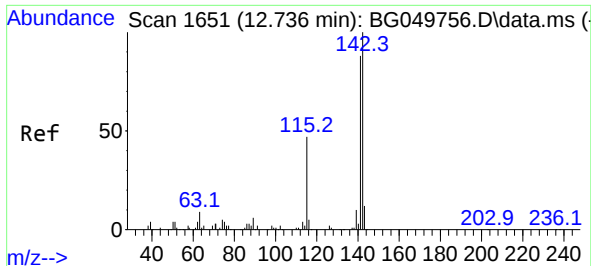


#36
2-Methylnaphthalene
Concen: 4.283 ng/ul
RT: 12.513 min Scan# 1613
Delta R.T. -0.005 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33



Tgt Ion:	142	Resp:	23873
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.8	107.8





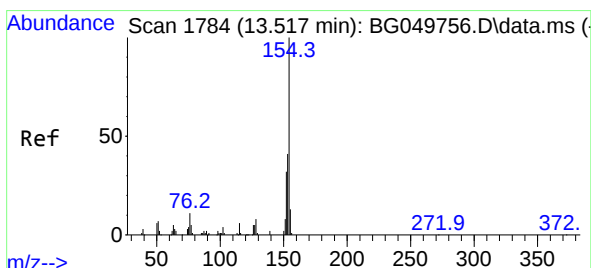
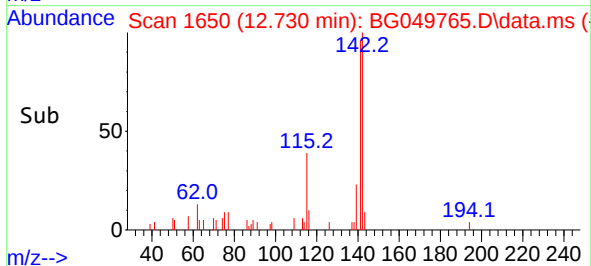
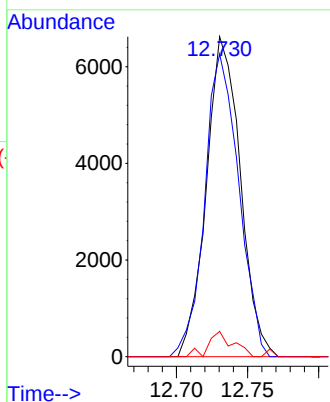
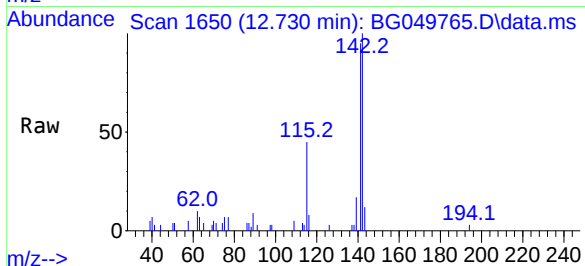
#37
1-Methylnaphthalene
Concen: 2.026 ng/ul
RT: 12.730 min Scan# 1650
Delta R.T. -0.005 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Instrument :
BNA_G
ClientSampled :
C00D2

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.4	113.0
116	7.9	4.2	6.2#

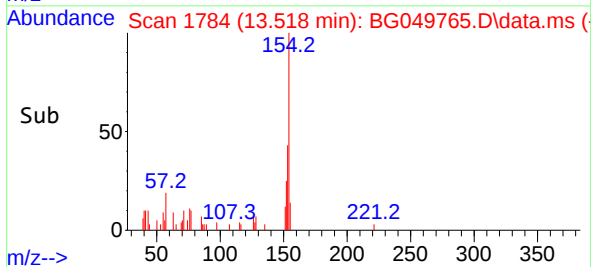
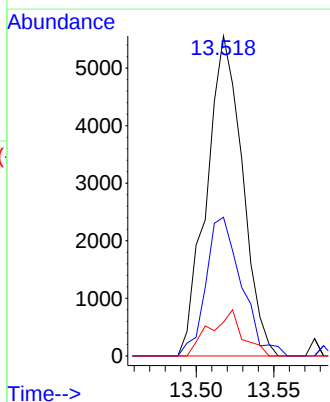
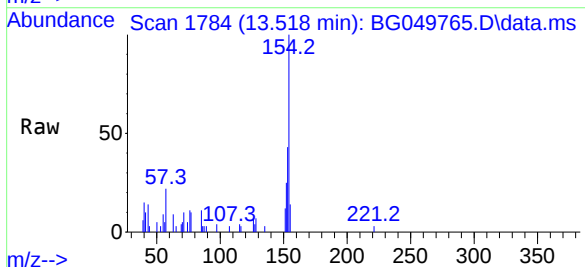
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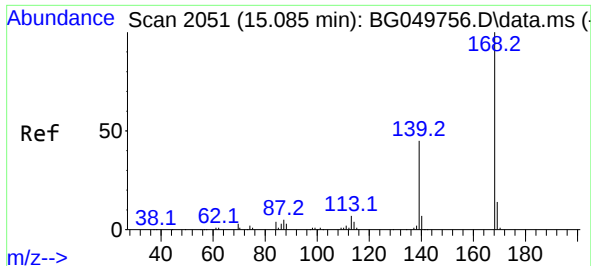
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#43
1,1'-Biphenyl
Concen: 1.297 ng/ul
RT: 13.518 min Scan# 1784
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	34.1	51.1
76	10.6	8.6	12.8





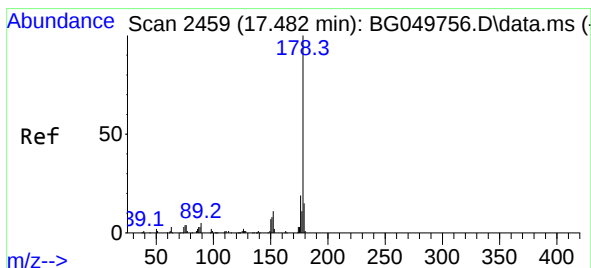
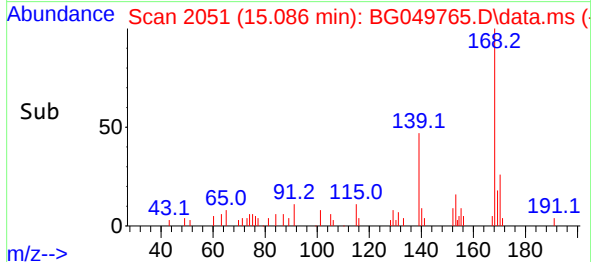
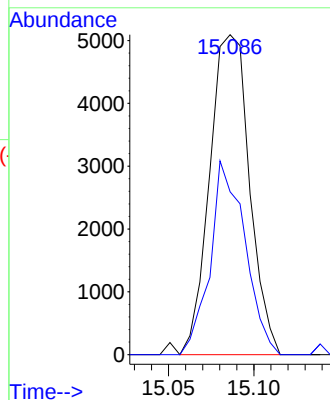
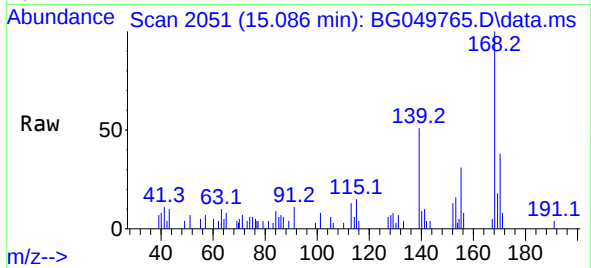
#56
Dibenzenofuran
Concen: 1.024 ng/ul
RT: 15.086 min Scan# 2051
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Tgt Ion:168 Resp: 8261
Ion Ratio Lower Upper
168 100
139 50.9 34.6 52.0

Instrument :
BNA_G
ClientSampled :
C00D2

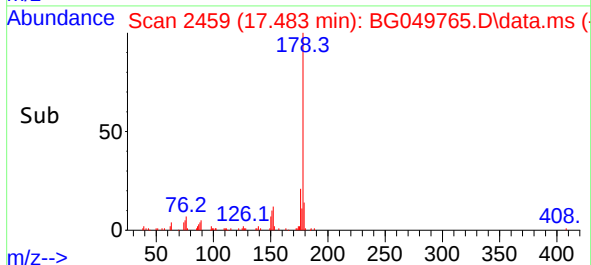
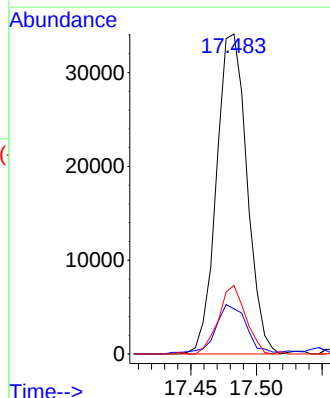
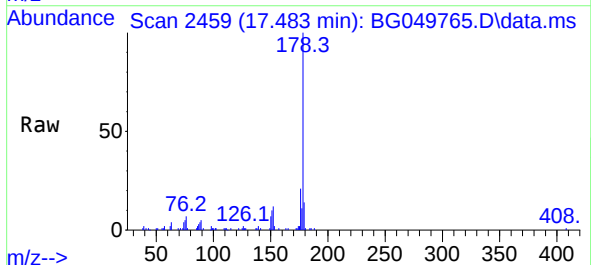
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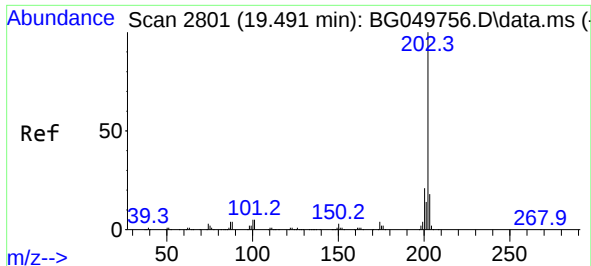
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#72
Phenanthrene
Concen: 5.569 ng/ul
RT: 17.483 min Scan# 2459
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Tgt Ion:178 Resp: 54989
Ion Ratio Lower Upper
178 100
179 14.1 12.4 18.6
176 21.4 15.4 23.2





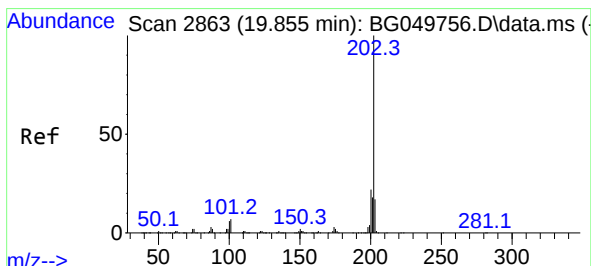
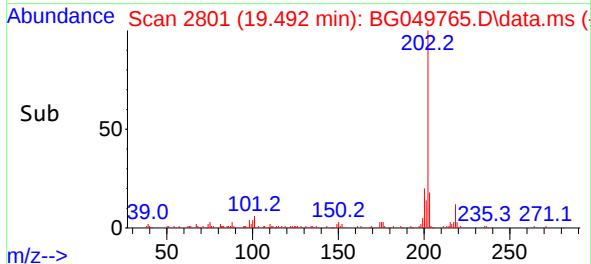
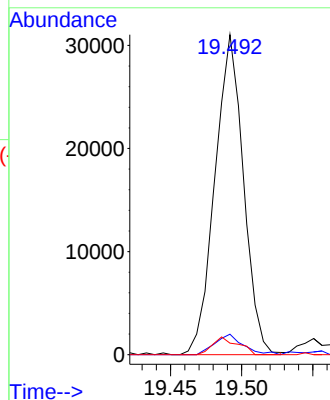
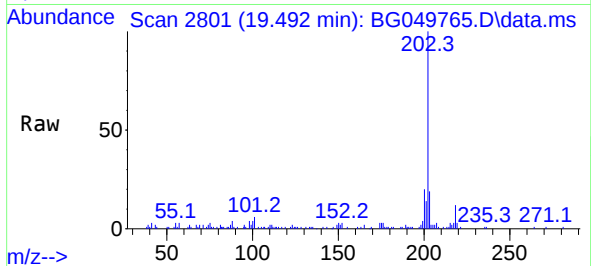
#80
Fluoranthene
Concen: 3.791 ng/u1
RT: 19.492 min Scan# 2801
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Tgt Ion:202 Resp: 43368
Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 3.6 3.9 5.9#

Instrument :
BNA_G
ClientSampled :
C00D2

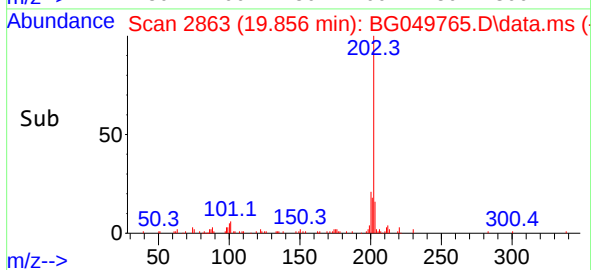
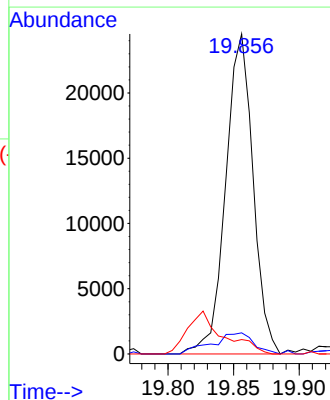
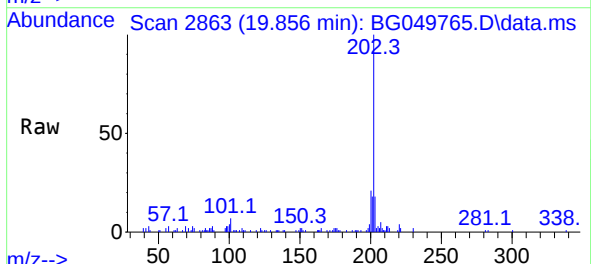
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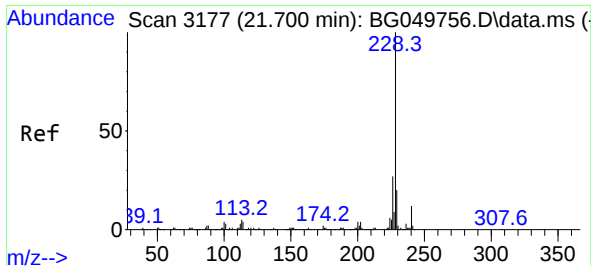
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#82
Pyrene
Concen: 3.120 ng/u1
RT: 19.856 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Tgt Ion:202 Resp: 35595
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 4.5 4.8 7.2#





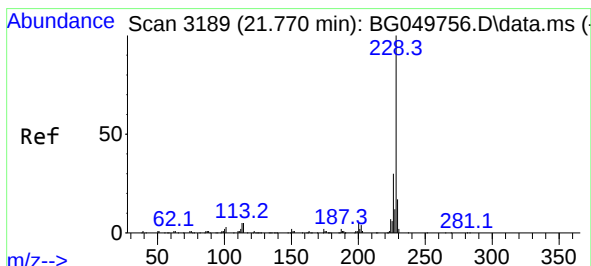
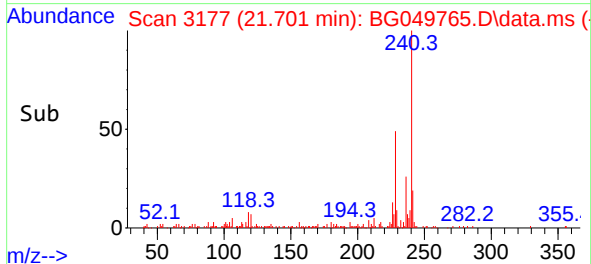
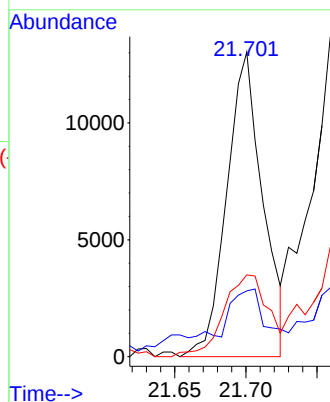
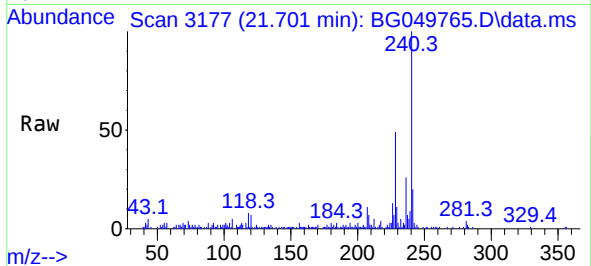
#85
Benzo(a)anthracene
Concen: 2.076 ng/u1
RT: 21.701 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

Tgt Ion:	228	Resp:	22924
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.3	22.9
226	26.8	21.0	31.6

Instrument :
BNA_G
ClientSampled :
C00D2

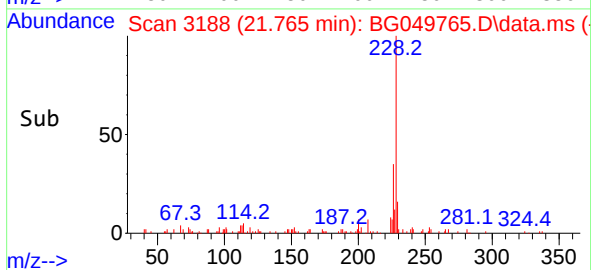
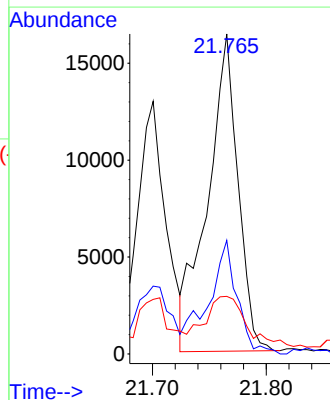
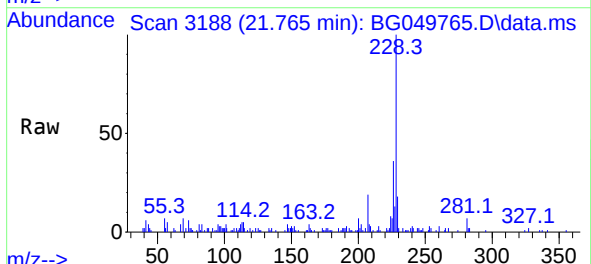
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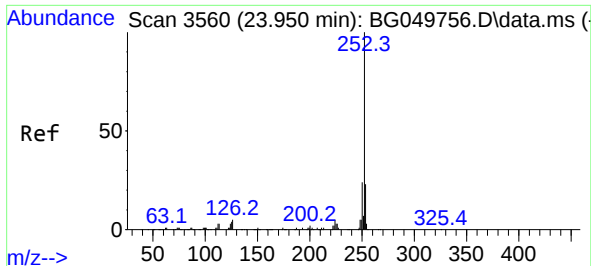
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#87
Chrysene
Concen: 2.945 ng/u1
RT: 21.765 min Scan# 3188
Delta R.T. -0.005 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

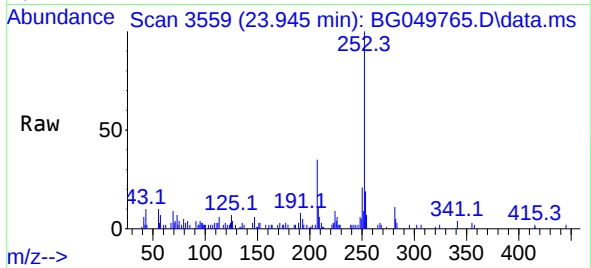
Tgt Ion:	228	Resp:	30380
Ion Ratio	Lower	Upper	
228	100		
226	35.5	24.7	37.1
229	18.0	15.4	23.2





#90
Benzo(b)fluoranthene
Concen: 2.915 ng/ul
RT: 23.945 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

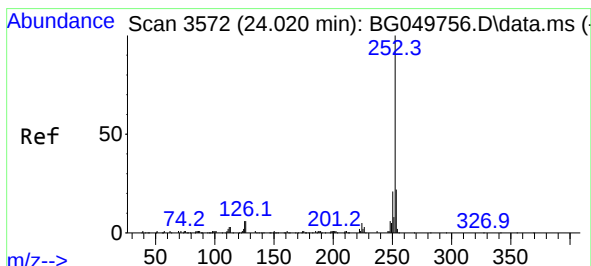
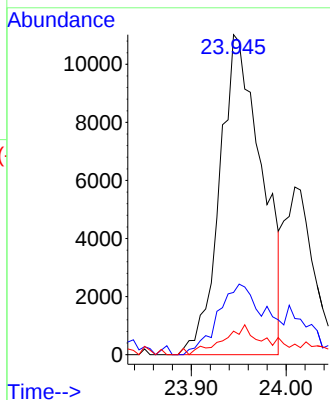
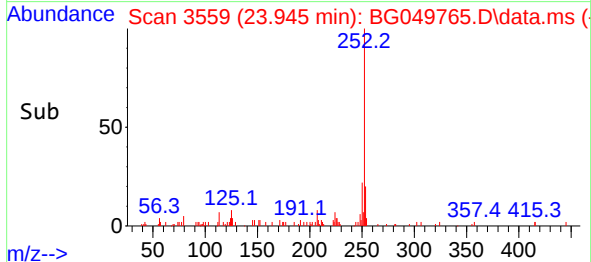
Instrument :
BNA_G
ClientSampled :
C00D2



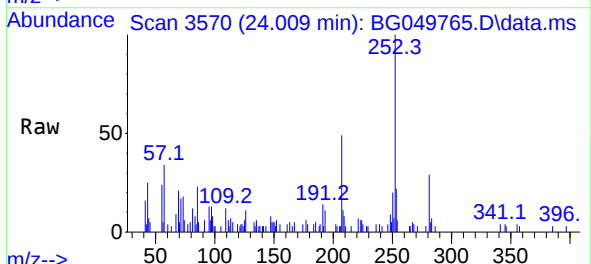
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Ion Ratio Lower Upper
252 100
253 19.4 17.4 26.2
125 7.3 3.7 5.5#

Manual Integrations
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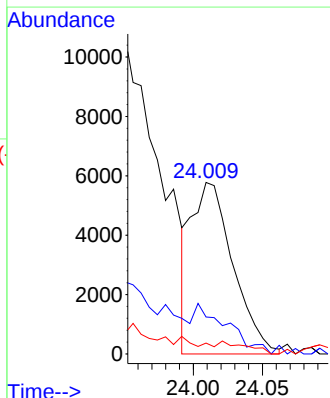
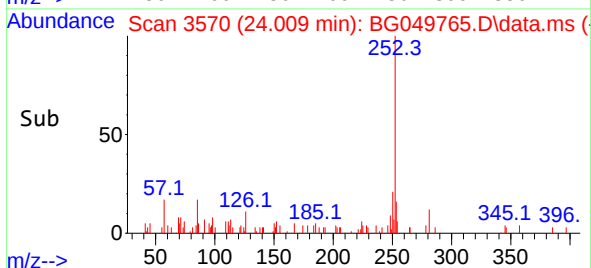
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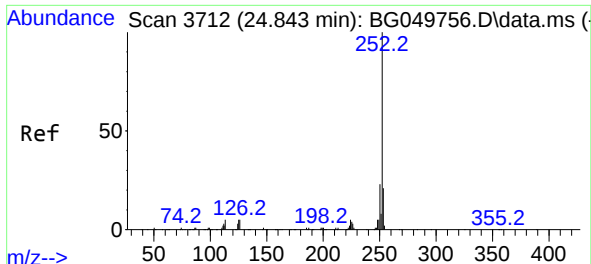


#91
Benzo(k)fluoranthene
Concen: 1.053 ng/ul m
RT: 24.009 min Scan# 3570
Delta R.T. -0.011 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33



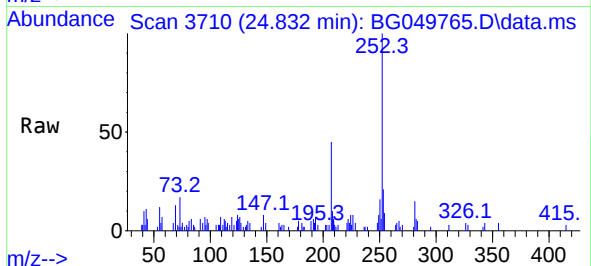
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Ion Ratio Lower Upper
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253 21.6 17.8 26.8
125 6.3 3.8 5.8#





#93
Benzo(a)pyrene
Concen: 1.820 ng/ul m
RT: 24.832 min Scan# 3710
Delta R.T. -0.011 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33

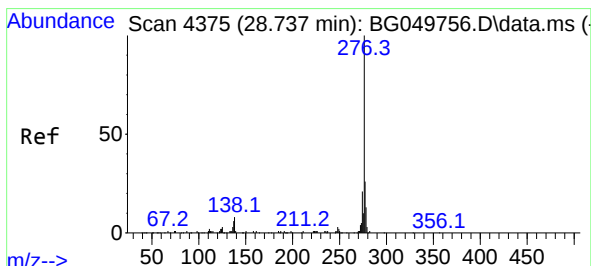
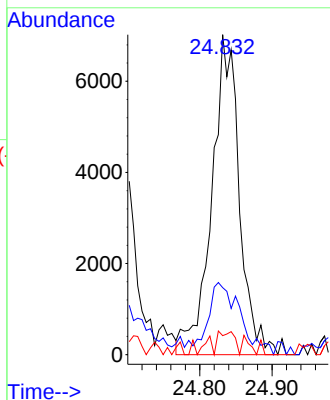
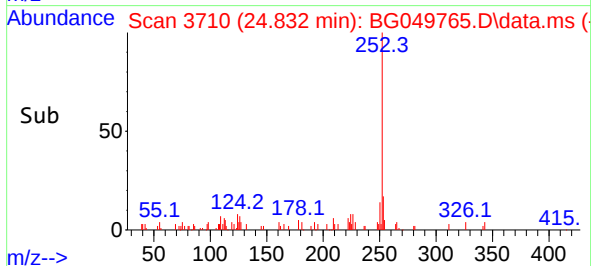
Instrument :
BNA_G
ClientSampled :
C00D2



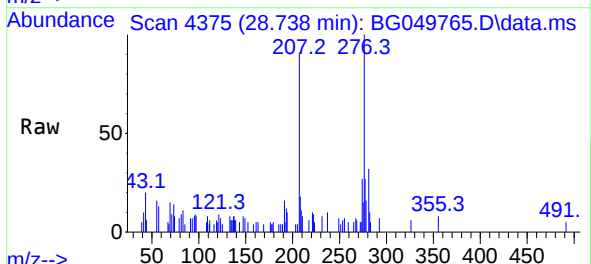
Tgt Ion:252 Resp: 18630
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 5.9 4.6 7.0

Manual Integrations
APPROVED

mohammad
8/11/2021 9:32:56 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.279 ng/ul m
RT: 28.738 min Scan# 4375
Delta R.T. 0.001 min
Lab File: BG049765.D
Acq: 10 Aug 2021 20:33



Tgt Ion:276 Resp: 17172
Ion Ratio Lower Upper
276 100
138 6.4 6.6 10.0#
277 27.3 19.4 29.2

