

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049761.D
 Acq On : 10 Aug 2021 17:46
 Operator : CG/JU
 Sample : M3182-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D1

Manual Integrations
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Quant Time: Aug 11 03:04:46 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	20097	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	86860	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	60311	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	123319	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	107840	20.000	ng/ul	# 0.00
88) Perylene-d12	24.996	264	112848	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	1456	3.387	ng/uL	0.00
4) Pyridine-d5	3.849	84	17408	13.496	ng/ul	0.00
7) Phenol-d5	7.197	99	43553	23.879	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.350	67	26918	25.693	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	35447	27.154	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	26617	19.140	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	20748	30.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.929	143	24354	31.167	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.481	165	38074	25.841	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	32775	16.249	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	132741	28.046	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	158088	28.075	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	17730	23.169	ng/ul	0.00
60) Fluorene-d10	15.680	176	114349	28.107	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	23708	28.564	ng/ul	0.00
73) Anthracene-d10	17.536	188	160234	27.526	ng/ul	0.00
81) Pyrene-d10	19.827	212	190194	32.010	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	175875	28.443	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.854	105	2404	1.042	ng/ul#	58
18) 4-Methylphenol	8.801	108	1566m	1.059	ng/ul	
30) Naphthalene	10.910	128	17948	3.957	ng/ul	98
36) 2-Methylnaphthalene	12.519	142	12728	3.665	ng/ul	81
37) 1-Methylnaphthalene	12.731	142	6174	1.827	ng/ul#	92
72) Phenanthrene	17.483	178	51858	7.945	ng/ul	98
80) Fluoranthene	19.492	202	102726	14.009	ng/ul#	98
82) Pyrene	19.856	202	82610	11.295	ng/ul#	97
85) Benzo(a)anthracene	21.695	228	49719	7.022	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.589	149	25723	6.300	ng/ul#	90
87) Chrysene	21.766	228	56715	8.577	ng/ul	95
90) Benzo(b)fluoranthene	23.951	252	83390m	11.306	ng/ul	
91) Benzo(k)fluoranthene	24.010	252	24991	3.412	ng/ul#	98
93) Benzo(a)pyrene	24.838	252	47459	7.309	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.733	276	41446m	4.864	ng/ul	
95) Dibenzo(a,h)anthracene	28.791	278	12195m	1.716	ng/ul	
96) Benzo(g,h,i)perylene	29.907	276	9838m	1.388	ng/ul	

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

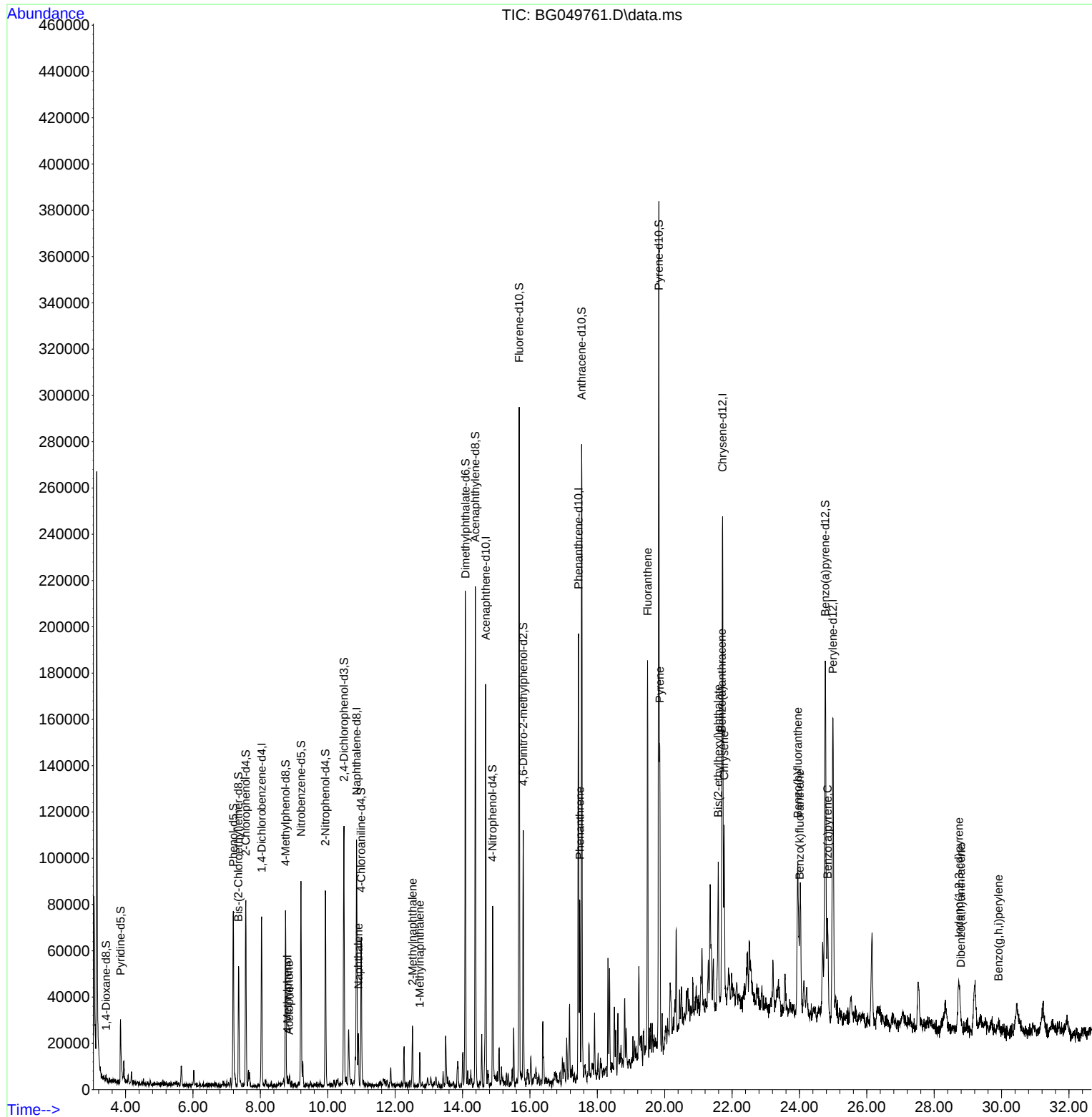
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 Data File : BG049761.D
 Acq On : 10 Aug 2021 17:46
 Operator : CG/JU
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 ALS Vial : 7 Sample Multiplier: 1

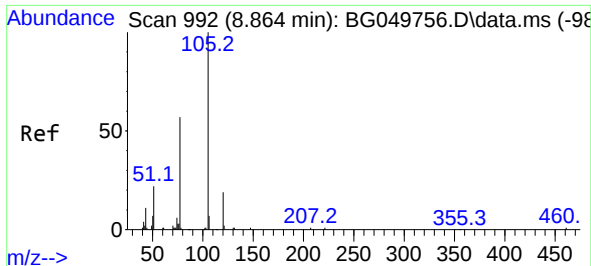
Instrument :
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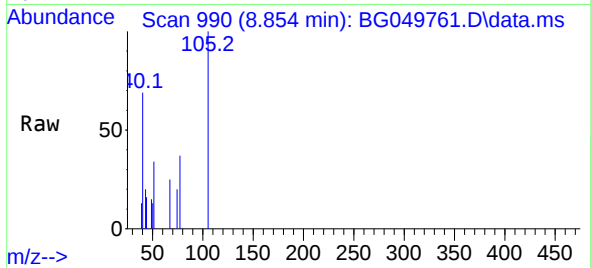
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration





#16
Acetophenone
Concen: 1.042 ng/ul
RT: 8.854 min Scan# 990
Delta R.T. -0.011 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

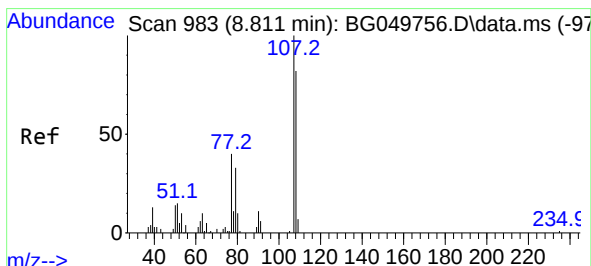
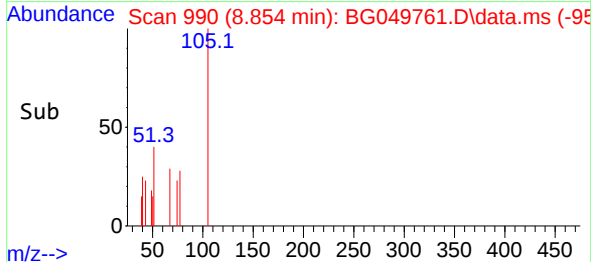
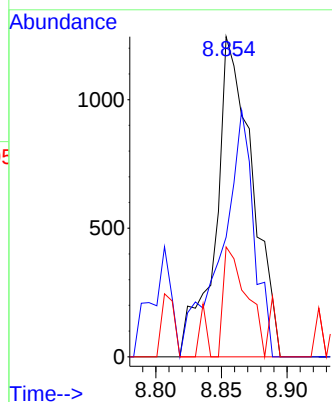
Instrument :
BNA_G
ClientSampleId :
C00D1



Tgt Ion:105 Resp: 2404
Ion Ratio Lower Upper
105 100
77 37.3 70.4 105.6#
51 34.3 25.1 37.7

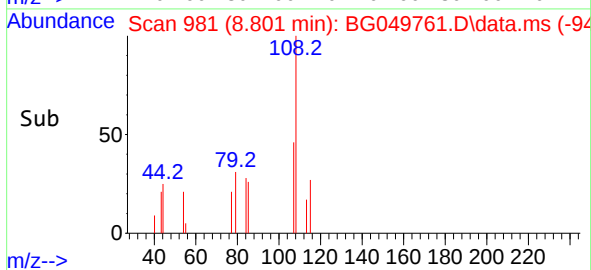
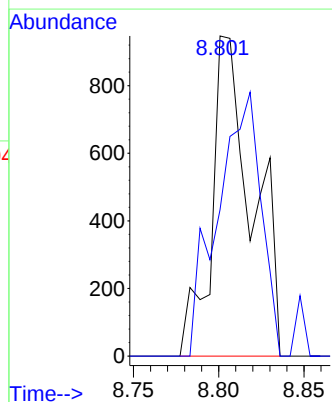
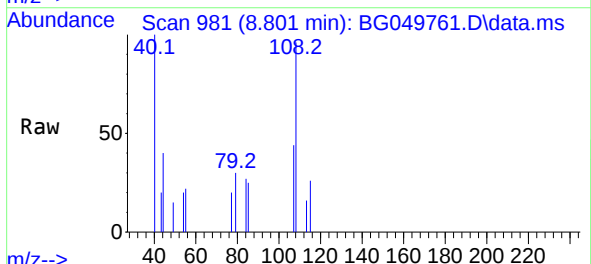
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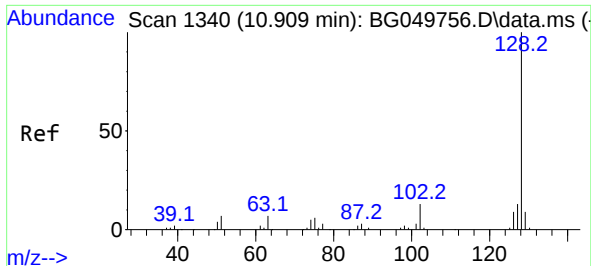
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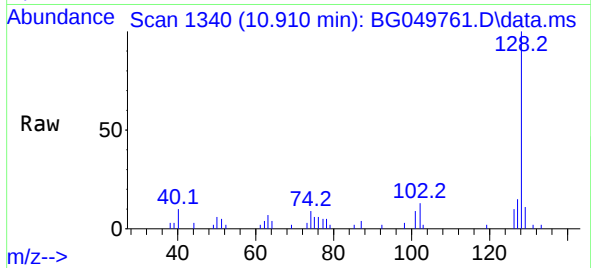
#18
4-Methylphenol
Concen: 1.059 ng/ul m
RT: 8.801 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion:108 Resp: 1566
Ion Ratio Lower Upper
108 100
107 45.7 99.7 149.5#

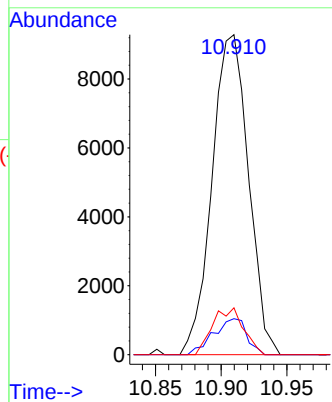
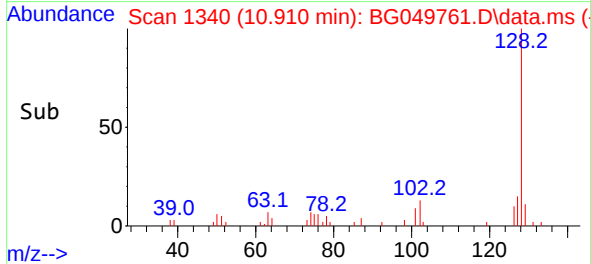




#30
Naphthalene
Concen: 3.957 ng/ul
RT: 10.910 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46



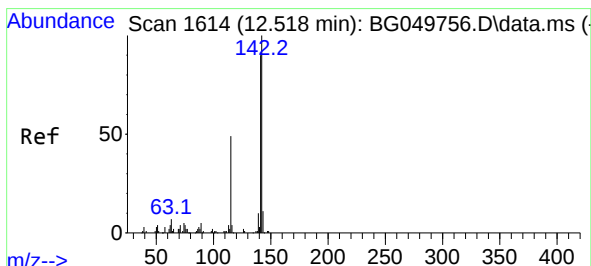
Tgt Ion:128 Resp: 17948
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.7 10.6 16.0



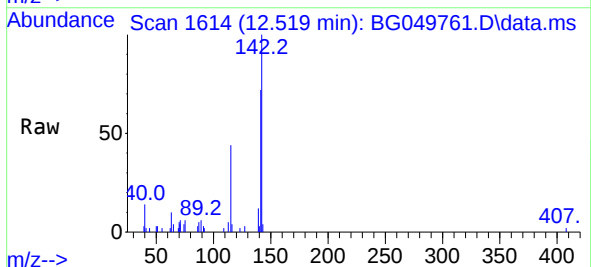
Instrument :
BNA_G
ClientSampleId :
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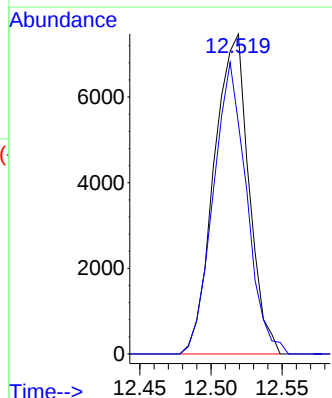
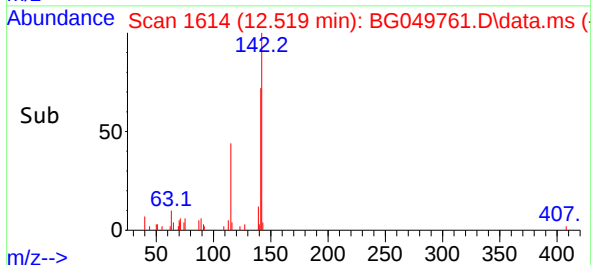
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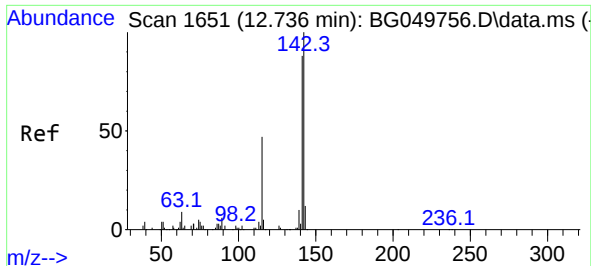


#36
2-Methylnaphthalene
Concen: 3.665 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46



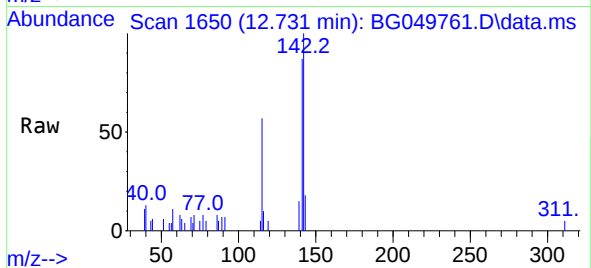
Tgt Ion:142 Resp: 12728
Ion Ratio Lower Upper
142 100
141 71.9 71.8 107.8





#37
1-Methylnaphthalene
Concen: 1.827 ng/ul
RT: 12.731 min Scan# 1650
Delta R.T. -0.005 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

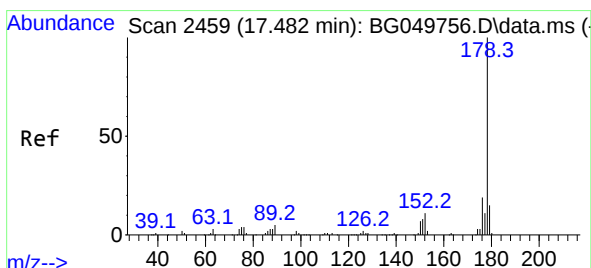
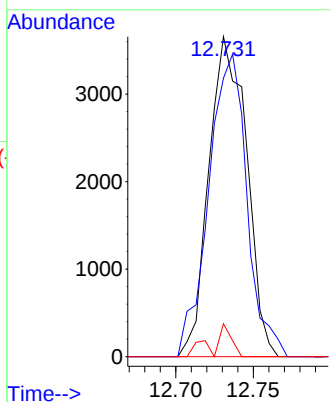
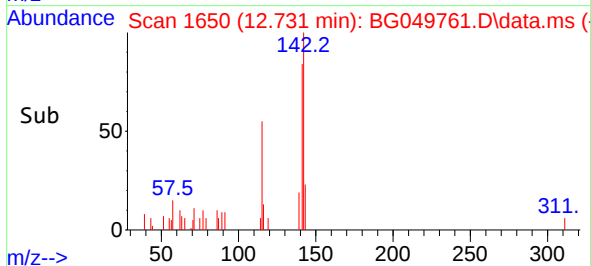
Instrument :
BNA_G
ClientSampled :
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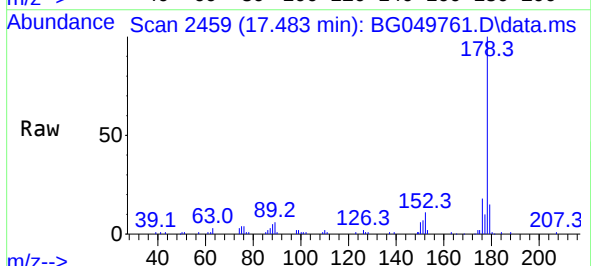
Tgt Ion:142 Resp: 6174
Ion Ratio Lower Upper
142 100
141 87.0 75.4 113.0
116 10.3 4.2 6.2#

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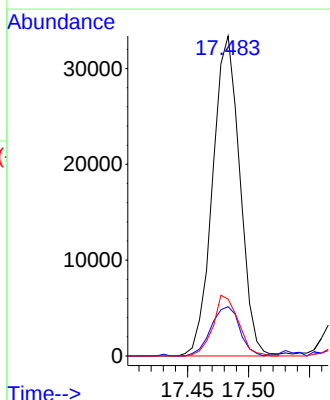
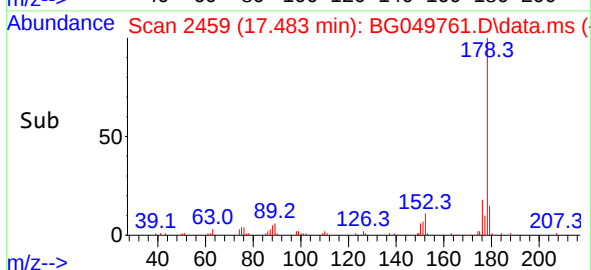
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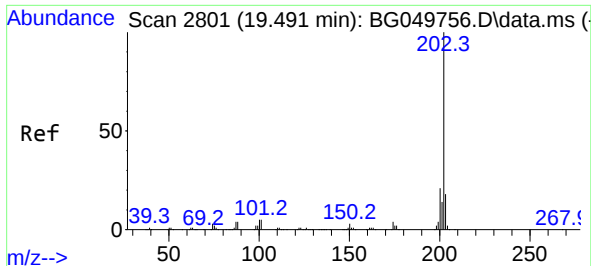


#72
Phenanthrene
Concen: 7.945 ng/ul
RT: 17.483 min Scan# 2459
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46



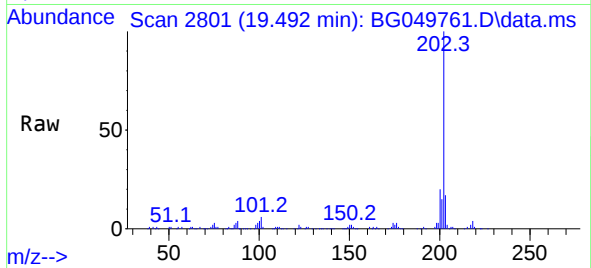
Tgt Ion:178 Resp: 51858
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 17.8 15.4 23.2





#80
Fluoranthene
Concen: 14.009 ng/uI
RT: 19.492 min Scan# 2801
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

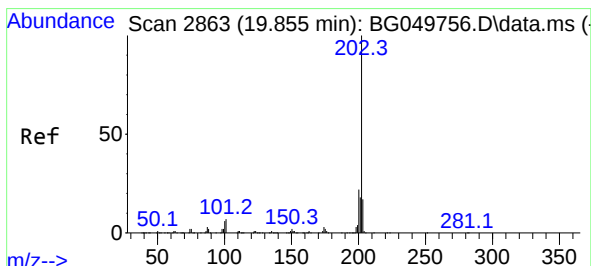
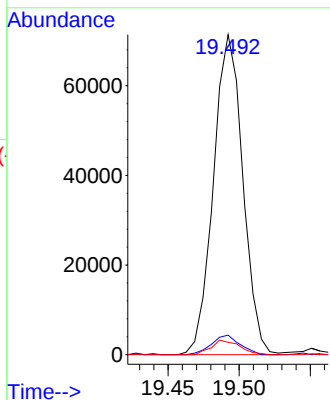
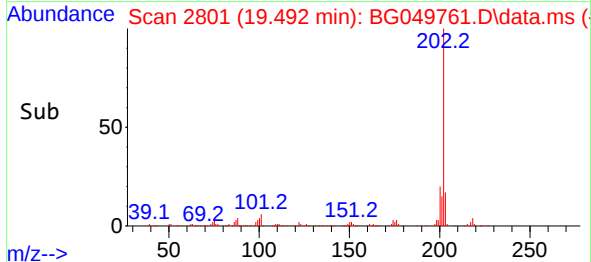
Instrument :
BNA_G
ClientSampleId :
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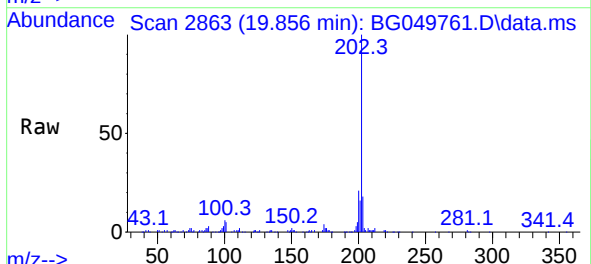
Tgt Ion:202 Resp: 102726
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 3.8 3.9 5.9#

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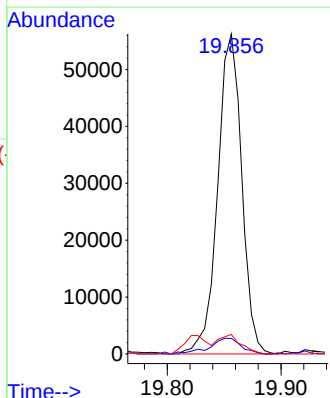
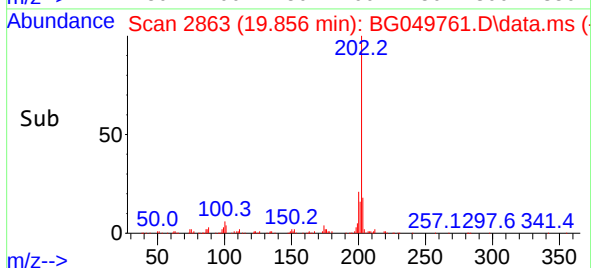
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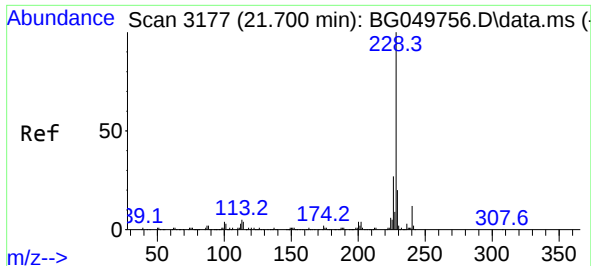


#82
Pyrene
Concen: 11.295 ng/uI
RT: 19.856 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46



Tgt Ion:202 Resp: 82610
Ion Ratio Lower Upper
202 100
101 4.9 5.2 7.8#
100 6.1 4.8 7.2





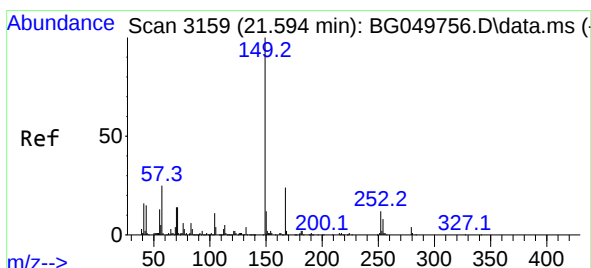
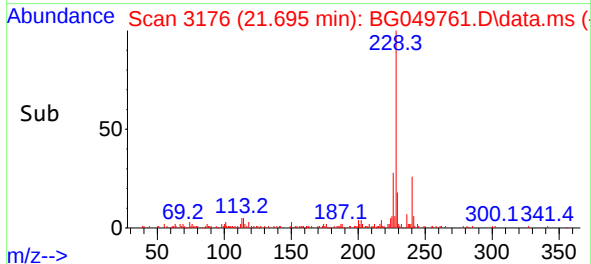
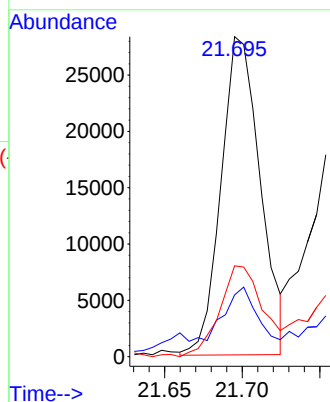
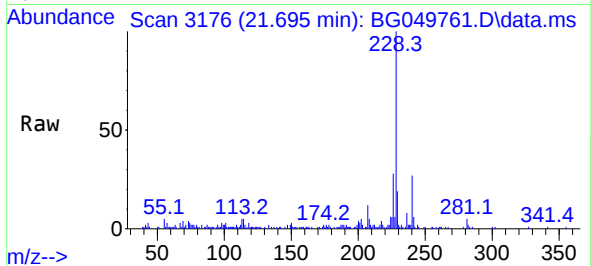
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Benzo(a)anthracene
Concen: 7.022 ng/ul
RT: 21.695 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion:	228	Resp:	49719
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.3	22.9
226	28.4	21.0	31.6

Instrument :
BNA_G
ClientSampled :
C00D1

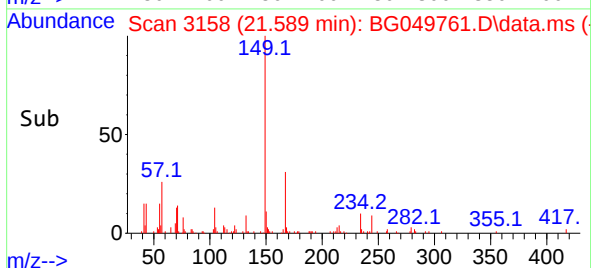
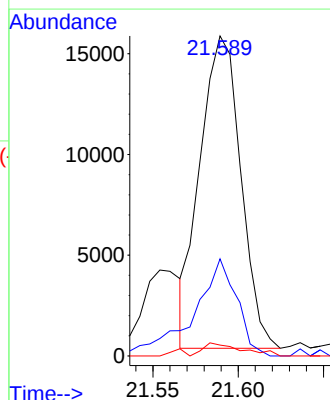
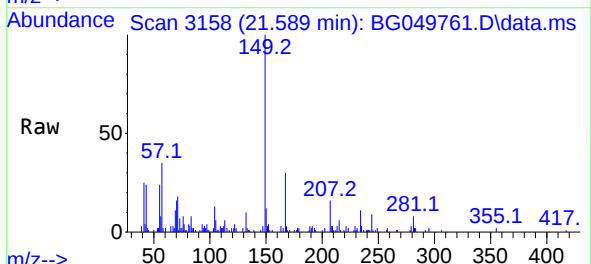
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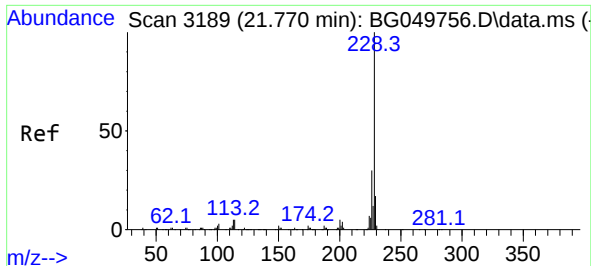
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#86
Bis(2-ethylhexyl)phthalate
Concen: 6.300 ng/ul
RT: 21.589 min Scan# 3158
Delta R.T. -0.005 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion:	149	Resp:	25723
Ion Ratio	Lower	Upper	
149	100		
167	30.4	19.9	29.9#
279	3.4	3.6	5.4#





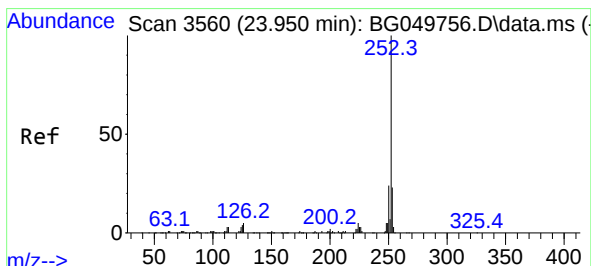
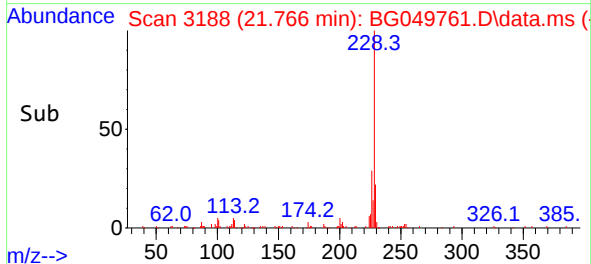
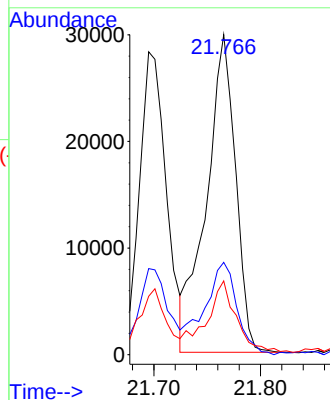
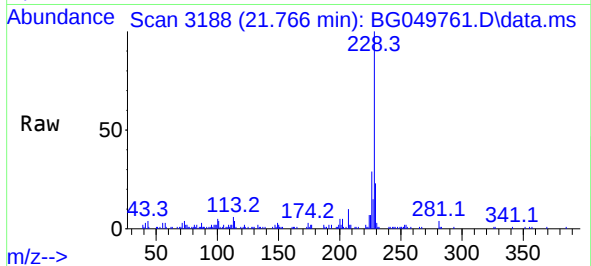
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Chrysene
Concen: 8.577 ng/ul
RT: 21.766 min Scan# 3188
Delta R.T. -0.005 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion:	228	Resp:	56715
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.7	37.1
229	23.1	15.4	23.2

Instrument :
BNA_G
ClientSampled :
C00D1

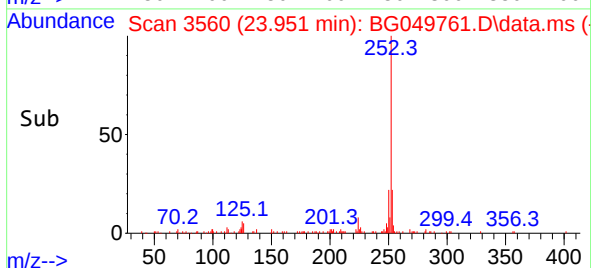
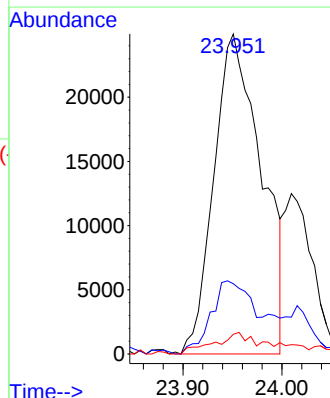
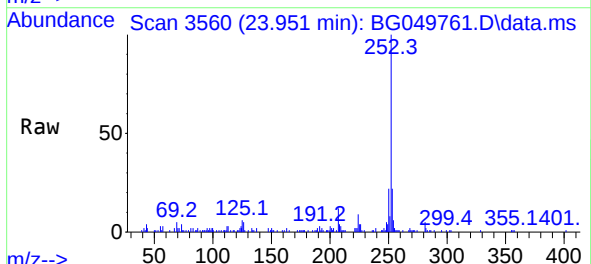
Manual Integrations
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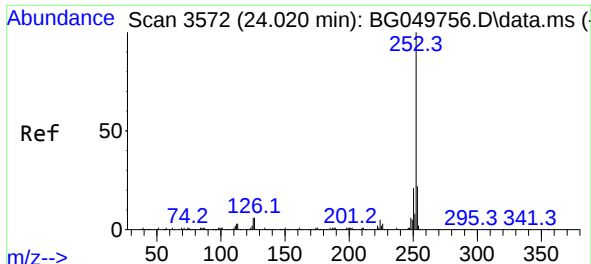
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#90
Benzo(b)fluoranthene
Concen: 11.306 ng/ul m
RT: 23.951 min Scan# 3560
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion:	252	Resp:	83390
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	6.2	3.7	5.5#





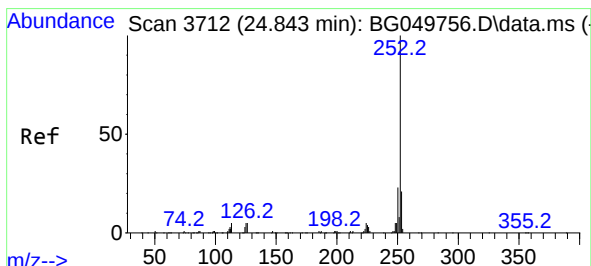
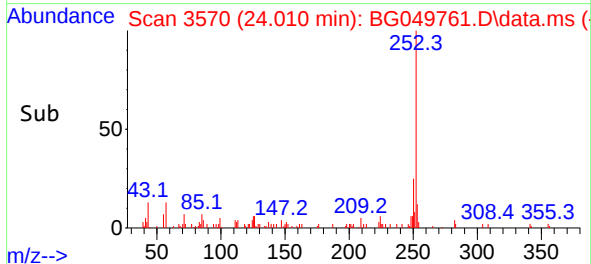
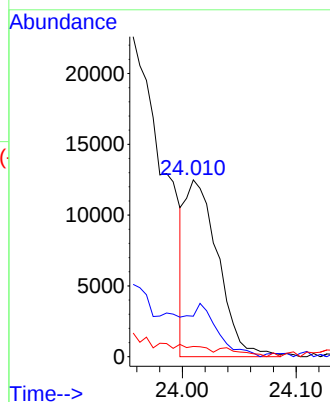
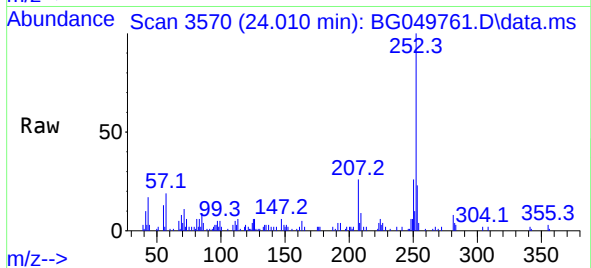
#91
Benzo(k)fluoranthene
Concen: 3.412 ng/ul
RT: 24.010 min Scan# 3570
Delta R.T. -0.011 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Instrument :
BNA_G
ClientSampled :
C00D1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	5.8	3.8	5.8#

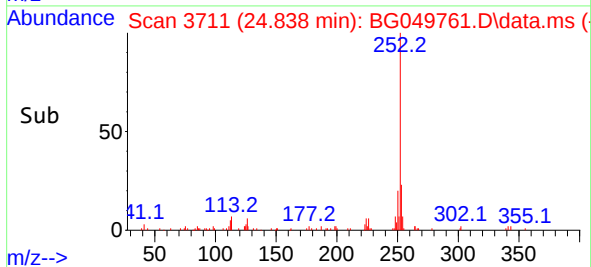
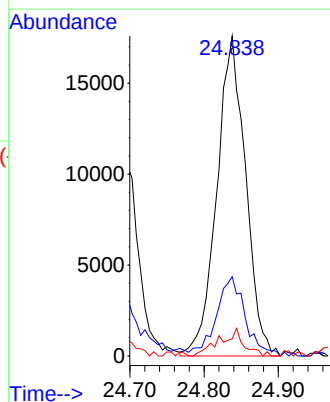
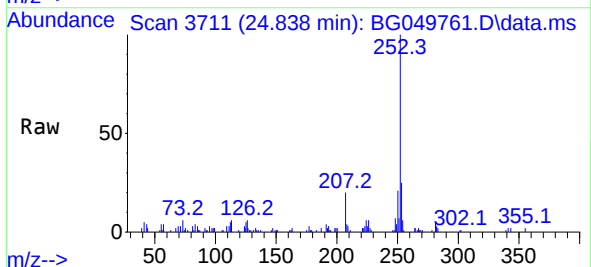
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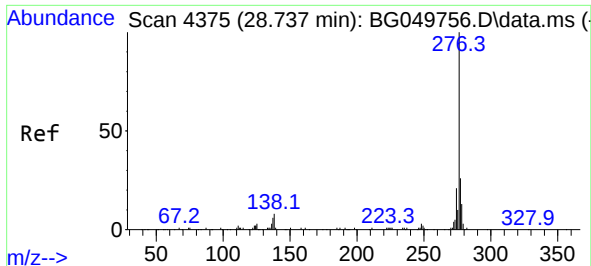
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#93
Benzo(a)pyrene
Concen: 7.309 ng/ul
RT: 24.838 min Scan# 3711
Delta R.T. -0.005 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	5.4	4.6	7.0





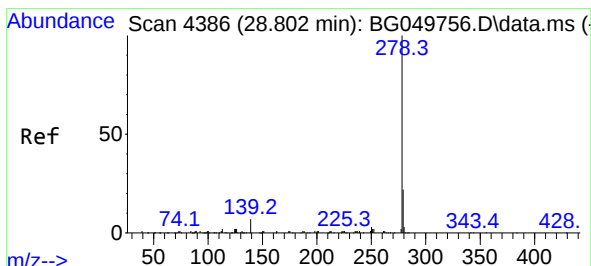
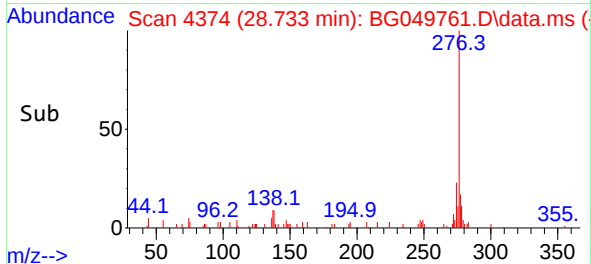
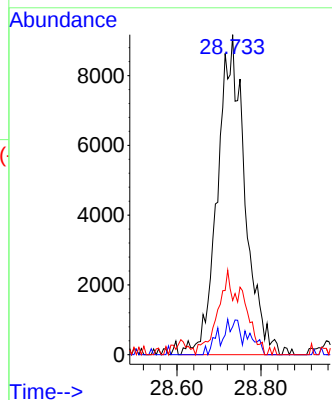
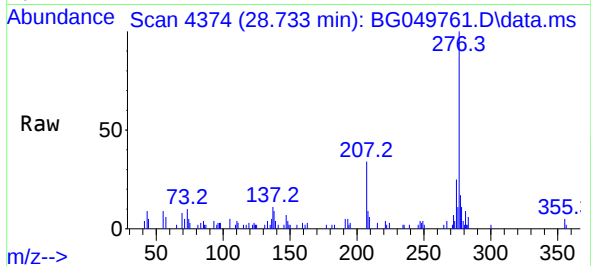
#94
Indeno(1,2,3-cd)pyrene
Concen: 4.864 ng/ul m
RT: 28.733 min Scan# 4374
Delta R.T. -0.005 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion: 276 Resp: 41446
Ion Ratio Lower Upper
276 100
138 8.7 6.6 10.0
277 16.9 19.4 29.2#

Instrument :
BNA_G
ClientSampled :
C00D1

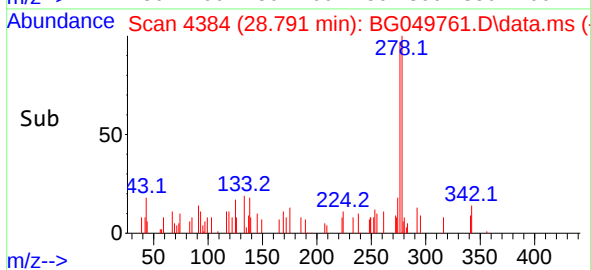
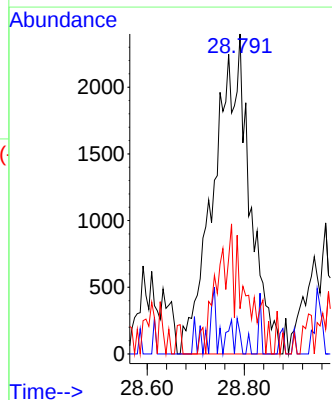
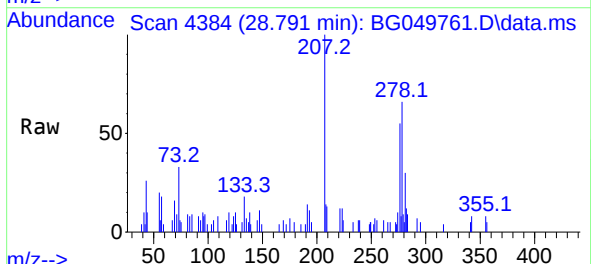
Manual Integrations
APPROVED

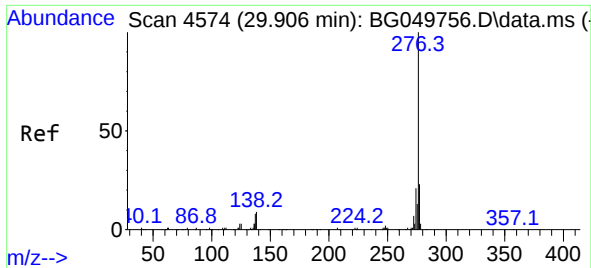
mohammad
8/11/2021 9:32:24 PM



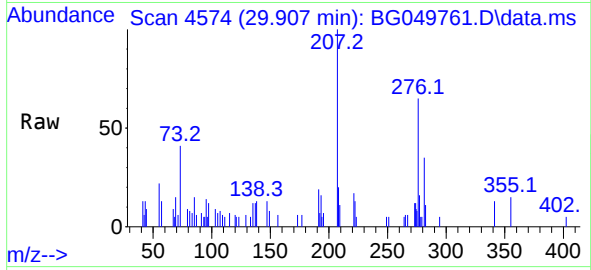
#95
Dibenzo(a,h)anthracene
Concen: 1.716 ng/ul m
RT: 28.791 min Scan# 4384
Delta R.T. -0.011 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46

Tgt Ion: 278 Resp: 12195
Ion Ratio Lower Upper
278 100
139 6.5 6.3 9.5
279 14.2 18.9 28.3#

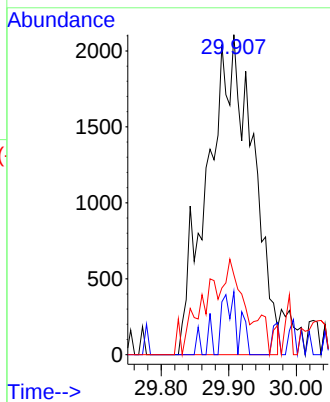
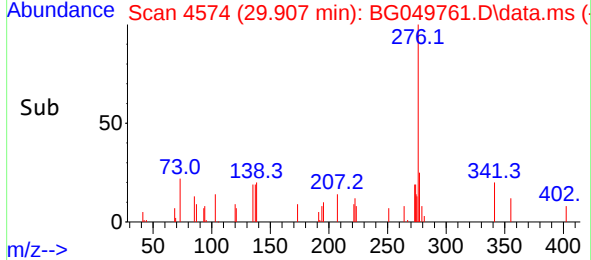




#96
Benzo(g,h,i)perylene
Concen: 1.388 ng/ul m
RT: 29.907 min Scan# 4574
Delta R.T. 0.001 min
Lab File: BG049761.D
Acq: 10 Aug 2021 17:46



Tgt Ion: 276 Resp: 9838
Ion Ratio Lower Upper
276 100
138 19.7 7.2 10.8#
277 25.0 19.5 29.3



Instrument :
BNA_G
ClientSampleId :
C00D1

Manual Integrations
APPROVED

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