

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
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Quant Time: Aug 11 08:51:20 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	8.036	152	42811	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	181382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	123275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	242983	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	223566	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	232265	20.000	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	2725m	2.976	ng/uL	0.01
4) Pyridine-d5	3.848	84	23486	8.547	ng/ul	0.00
7) Phenol-d5	7.196	99	65216	16.785	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	37980	17.018	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	52094	18.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	45706	15.428	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	28821	20.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	33374	20.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	54960	17.863	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	36554	8.679	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	193895	20.043	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	223847	19.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	24746	15.821	ng/ul	0.00
60) Fluorene-d10	15.685	176	162962	19.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	27917	17.071	ng/ul	0.00
73) Anthracene-d10	17.541	188	227522	19.837	ng/ul	0.00
81) Pyrene-d10	19.826	212	253511	20.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	242186	19.030	ng/ul	0.01

Target Compounds				Qvalue		
6) Benzaldehyde	7.173	77	2501m	1.208	ng/ul	
16) Acetophenone	8.859	105	7661m	1.558	ng/ul	
30) Naphthalene	10.909	128	84144	8.883	ng/ul	99
36) 2-Methylnaphthalene	12.513	142	55727	7.683	ng/ul	91
37) 1-Methylnaphthalene	12.730	142	24578	3.482	ng/ul	98
43) 1,1'-Biphenyl	13.517	154	21886	2.383	ng/ul	89
50) Acenaphthylene	14.410	152	23206	2.137	ng/ul	96
56) Dibenzofuran	15.086	168	25853	2.403	ng/ul	100
72) Phenanthrene	17.482	178	171803	13.359	ng/ul	99
74) Anthracene	17.576	178	24617	1.914	ng/ul	96
80) Fluoranthene	19.497	202	303092	19.938	ng/ul#	97
82) Pyrene	19.856	202	242488	15.993	ng/ul#	98
85) Benzo(a)anthracene	21.706	228	177681	12.105	ng/ul	96
87) Chrysene	21.771	228	196347m	14.323	ng/ul	
90) Benzo(b)fluoranthene	23.962	252	237460	15.642	ng/ul	100
91) Benzo(k)fluoranthene	24.027	252	68643m	4.554	ng/ul	
93) Benzo(a)pyrene	24.849	252	121949	9.125	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.750	276	96264	5.489	ng/ul#	90
95) Dibenz(a,h)anthracene	28.797	278	30434m	2.080	ng/ul	
96) Benzo(g,h,i)perylene	29.936	276	18413m	1.263	ng/ul	

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

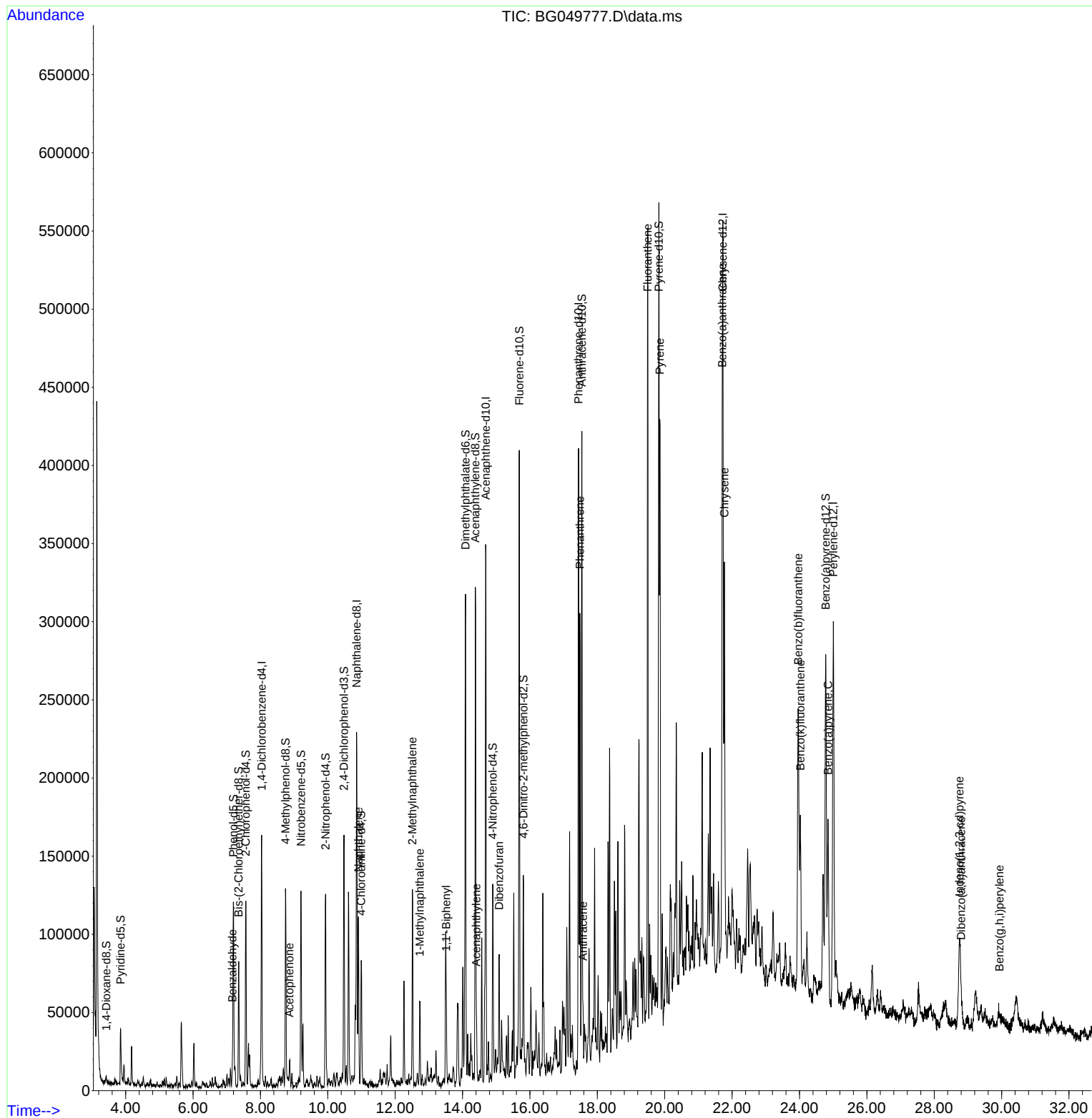
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 Data File : BG049777.D
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 Operator : CG/JU
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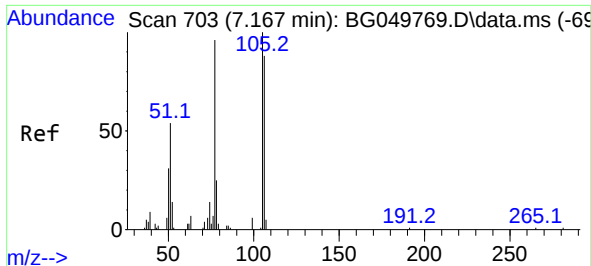
Instrument :
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 ClientSampleId :
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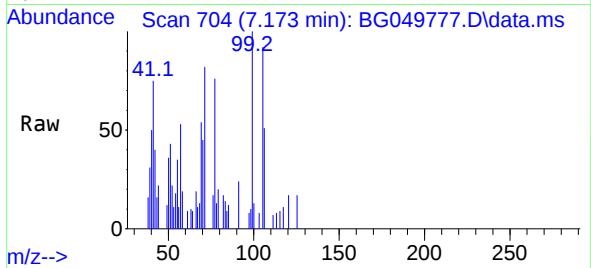
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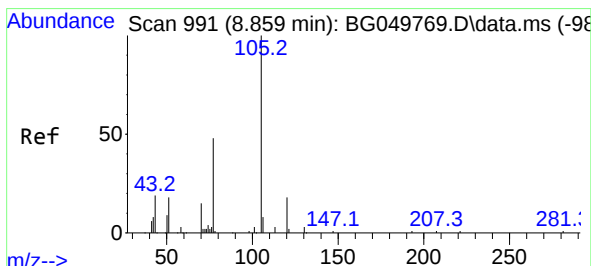
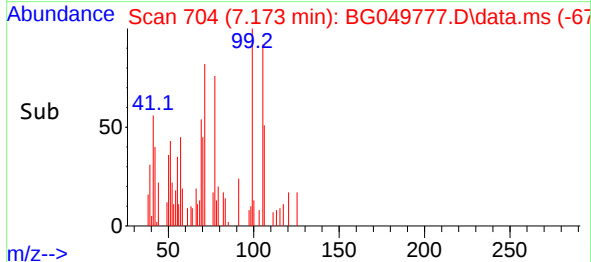
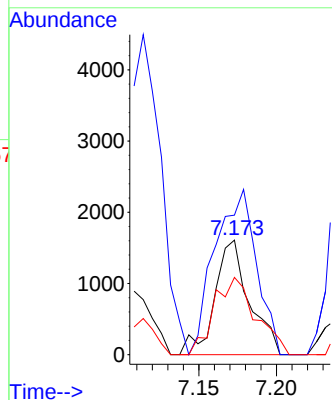




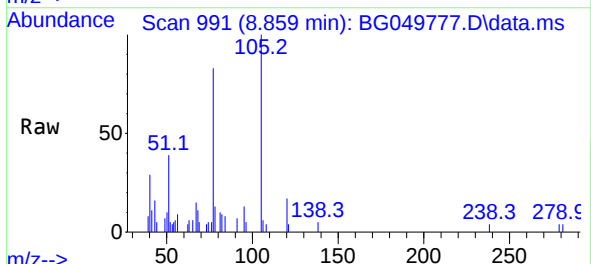
#6
Benzaldehyde
Concen: 1.208 ng/ul m
RT: 7.173 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29



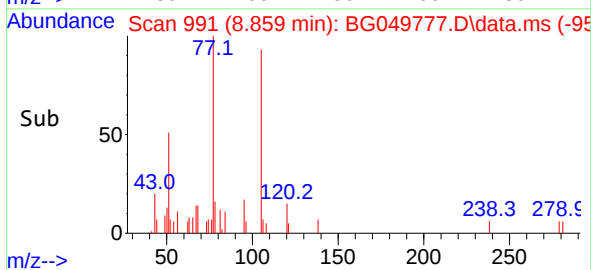
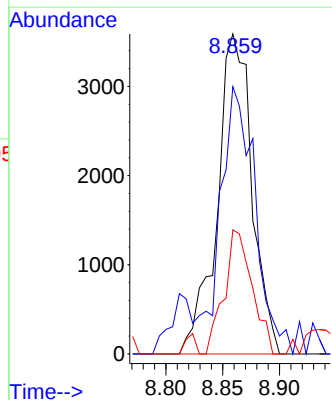
Tgt Ion: 77 Resp: 2501
Ion Ratio Lower Upper
77 100
105 121.9 83.3 124.9
106 67.5 81.0 121.4#



#16
Acetophenone
Concen: 1.558 ng/ul m
RT: 8.859 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29



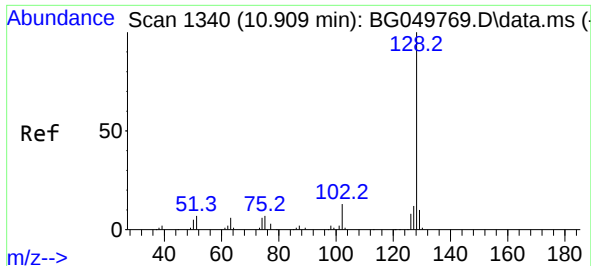
Tgt Ion: 105 Resp: 7661
Ion Ratio Lower Upper
105 100
77 83.5 70.4 105.6
51 38.8 25.1 37.7#



Instrument :
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ClientSampleId :
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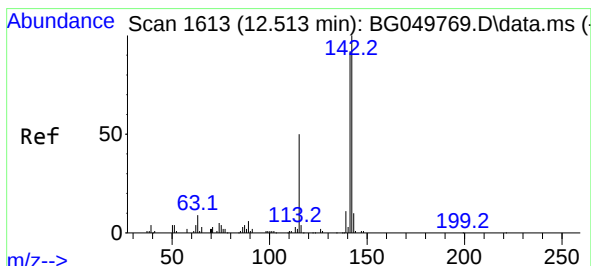
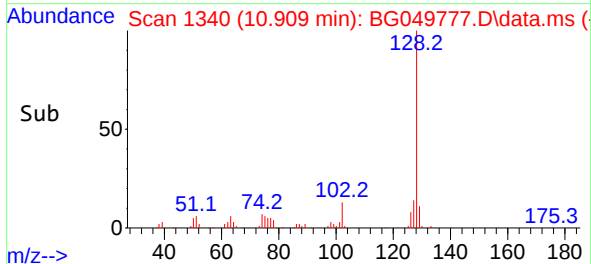
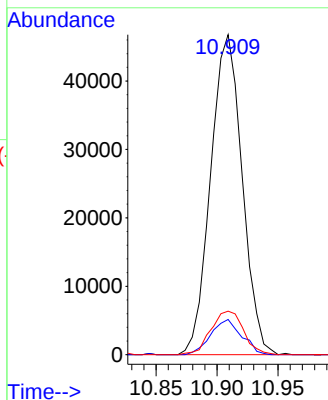
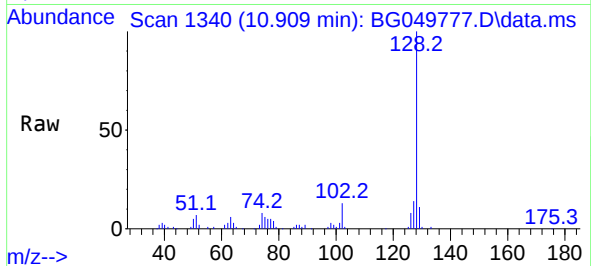
#30
Naphthalene
Concen: 8.883 ng/ul
RT: 10.909 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:128 Resp: 84144
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0

Instrument :
BNA_G
ClientSampled :
C00C9

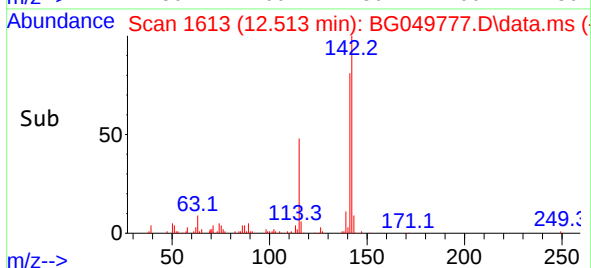
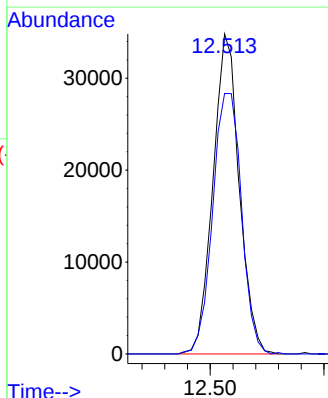
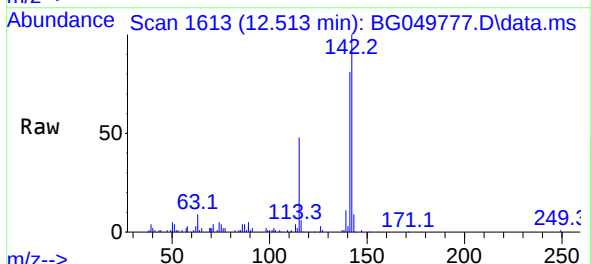
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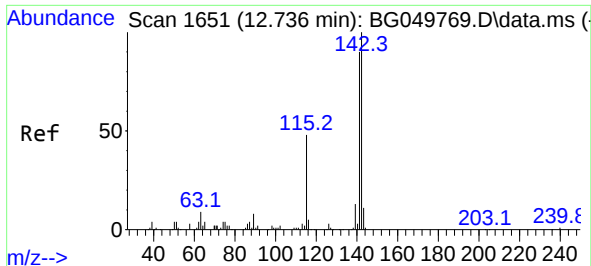
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#36
2-Methylnaphthalene
Concen: 7.683 ng/ul
RT: 12.513 min Scan# 1613
Delta R.T. -0.005 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

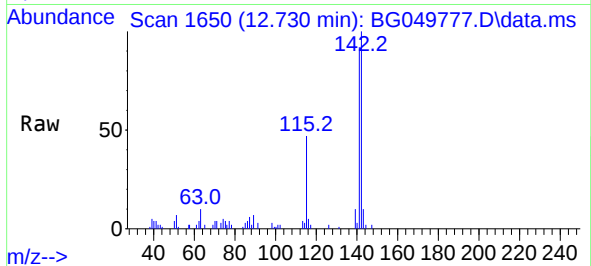
Tgt Ion:142 Resp: 55727
Ion Ratio Lower Upper
142 100
141 81.4 71.8 107.8





#37
1-Methylnaphthalene
Concen: 3.482 ng/ul
RT: 12.730 min Scan# 1650
Delta R.T. -0.005 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

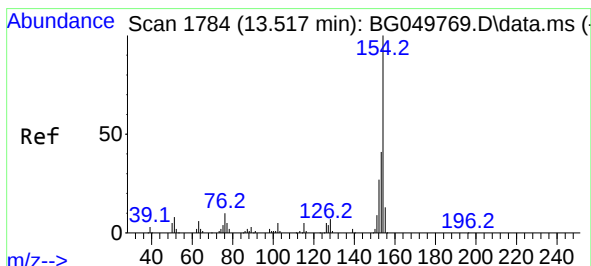
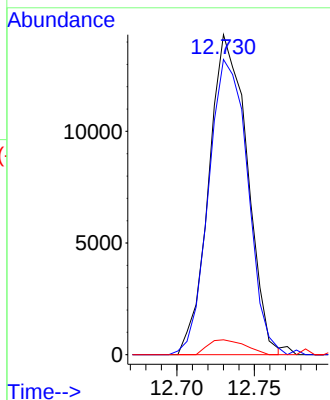
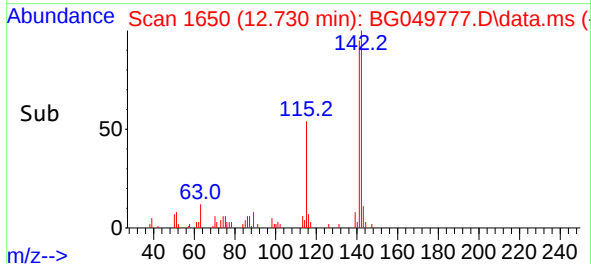
Instrument :
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ClientSampled :
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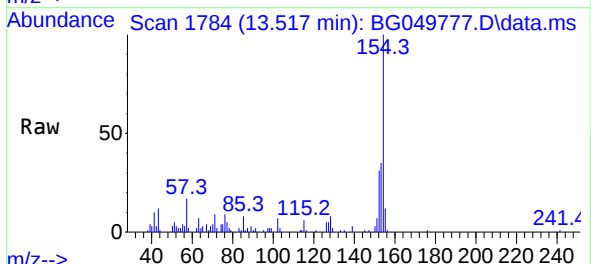
Tgt Ion:142 Resp: 24578
Ion Ratio Lower Upper
142 100
141 92.2 75.4 113.0
116 4.6 4.2 6.2

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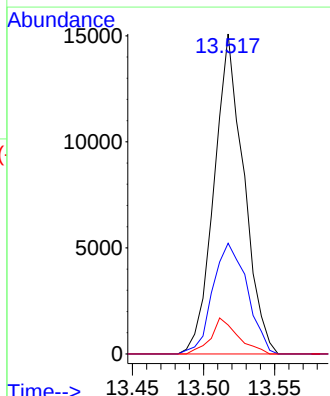
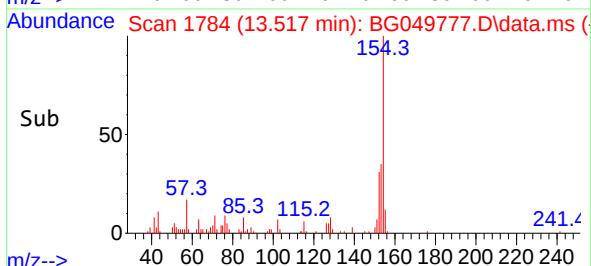
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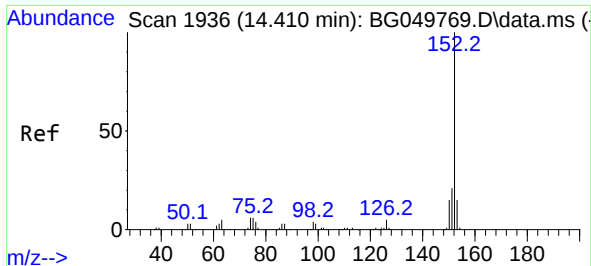


#43
1,1'-Biphenyl
Concen: 2.383 ng/ul
RT: 13.517 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

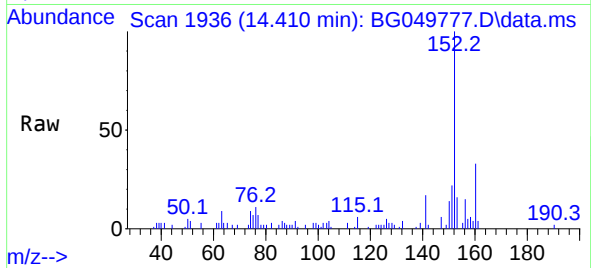


Tgt Ion:154 Resp: 21886
Ion Ratio Lower Upper
154 100
153 34.6 34.1 51.1
76 9.1 8.6 12.8

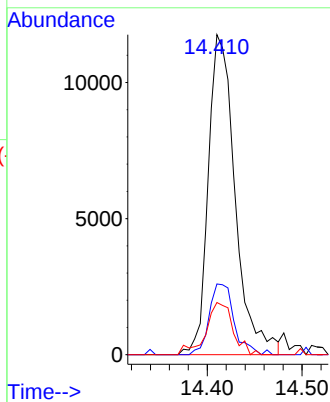
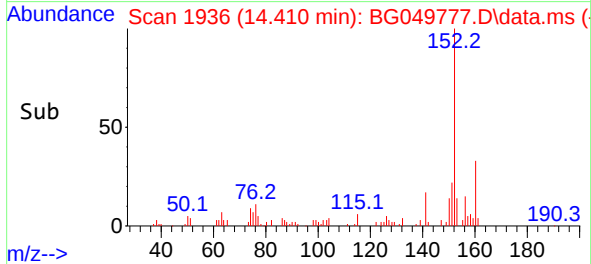




#50
Acenaphthylene
Concen: 2.137 ng/ul
RT: 14.410 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29



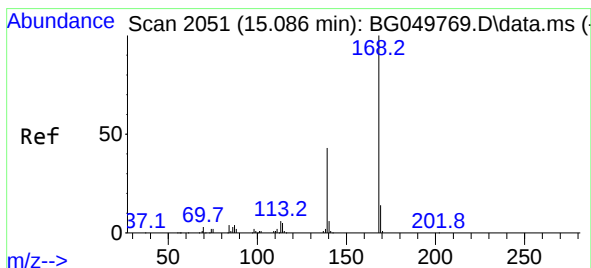
Tgt Ion:152 Resp: 23206
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 16.3 11.4 17.0



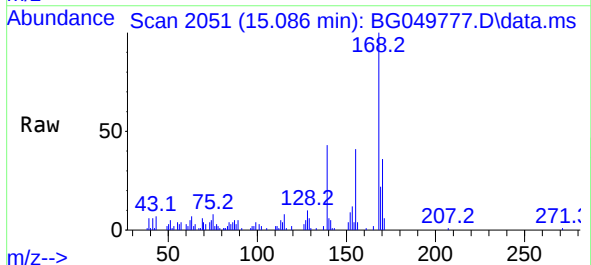
Instrument :
BNA_G
ClientSampled :
C00C9

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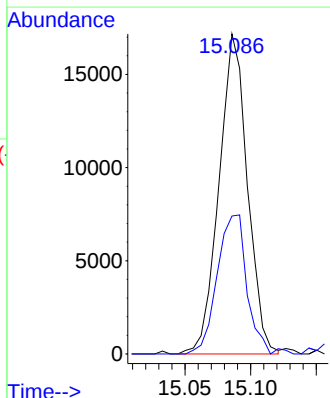
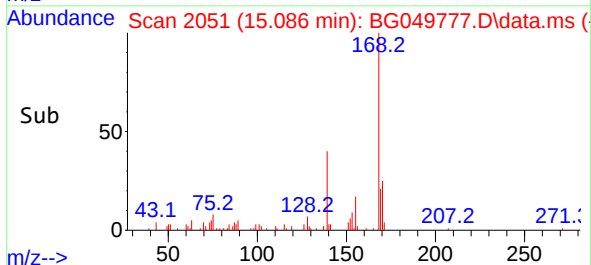
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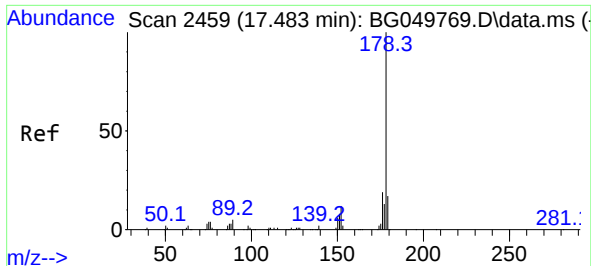


#56
Dibenzofuran
Concen: 2.403 ng/ul
RT: 15.086 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29



Tgt Ion:168 Resp: 25853
Ion Ratio Lower Upper
168 100
139 43.1 34.6 52.0





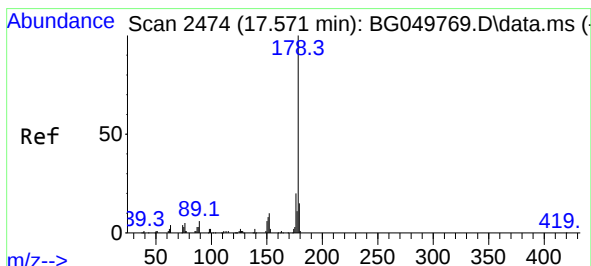
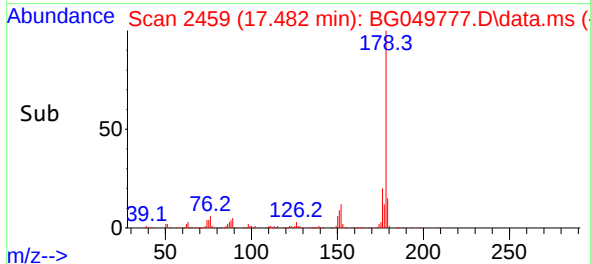
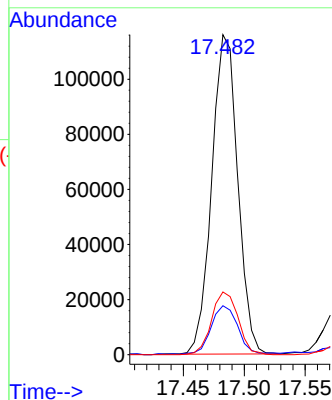
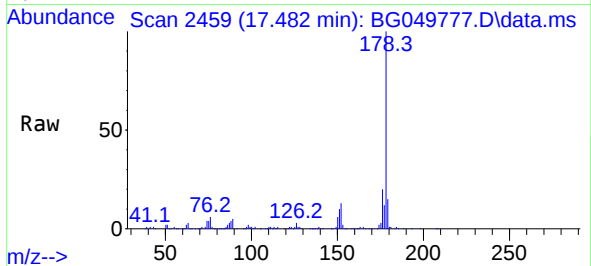
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Phenanthrene
Concen: 13.359 ng/u1
RT: 17.482 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Instrument :
BNA_G
ClientSampled :
C00C9

Tgt Ion:178 Resp: 171803
Ion Ratio Lower Upper
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179 15.3 12.4 18.6
176 19.6 15.4 23.2

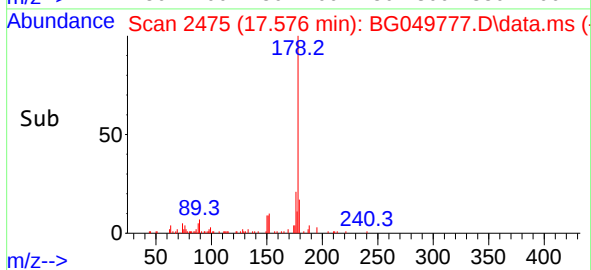
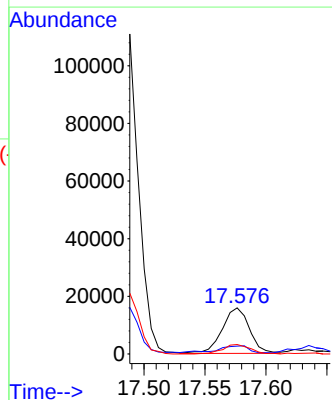
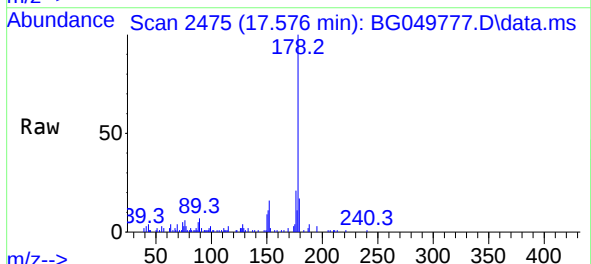
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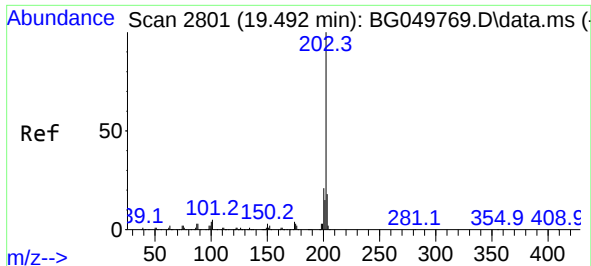
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#74
Anthracene
Concen: 1.914 ng/u1
RT: 17.576 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

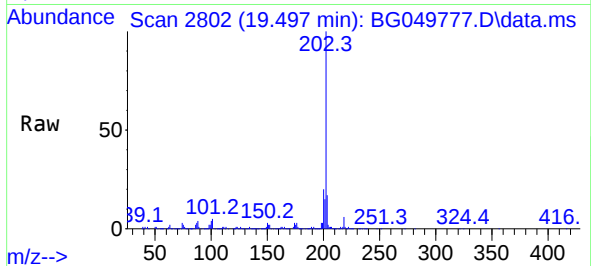
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Ion Ratio Lower Upper
178 100
179 16.9 12.4 18.6
176 20.6 14.6 21.8





#80
Fluoranthene
Concen: 19.938 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

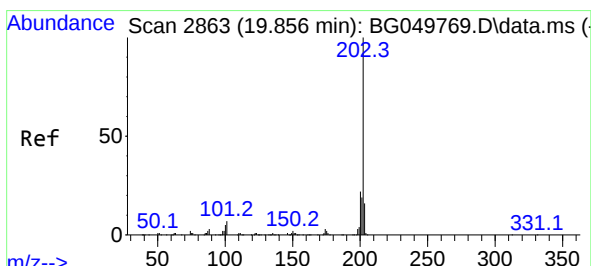
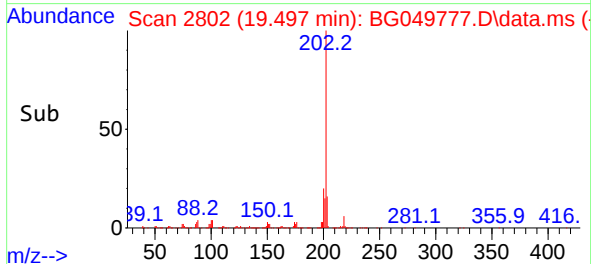
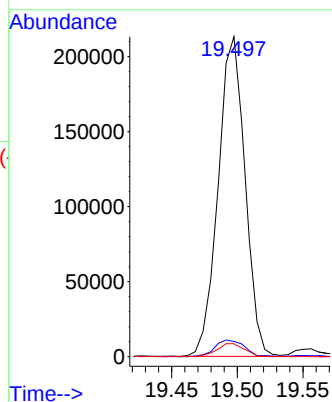
Instrument :
BNA_G
ClientSampled :
C00C9



Tgt Ion:202 Resp: 303092
Ion Ratio Lower Upper
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101 4.7 4.8 7.2#
100 4.0 3.9 5.9

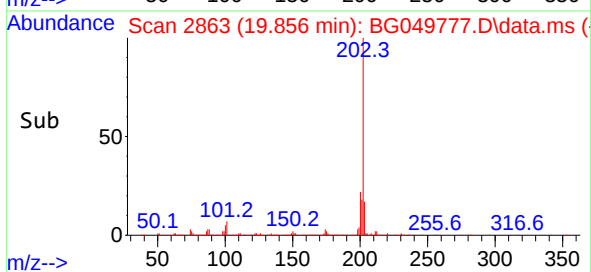
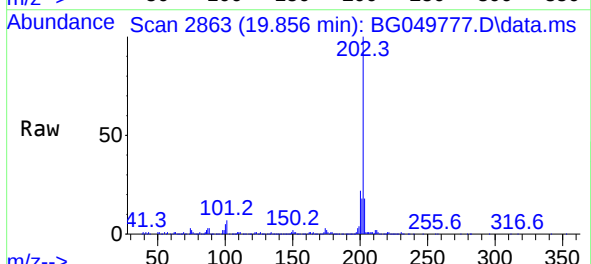
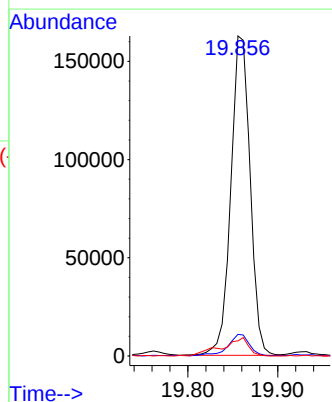
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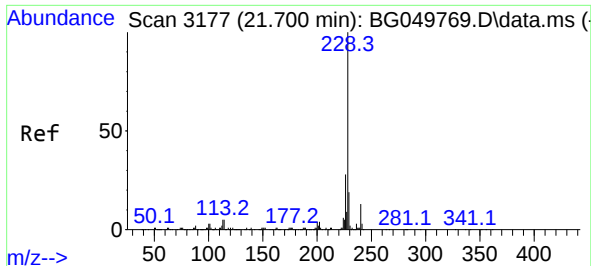
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#82
Pyrene
Concen: 15.993 ng/ul
RT: 19.856 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

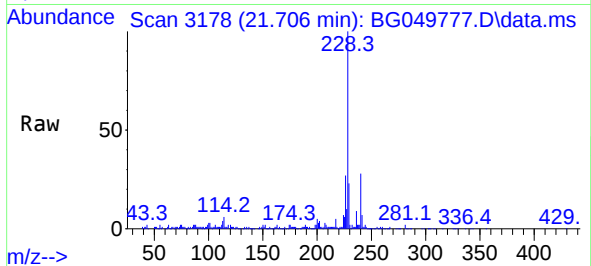
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Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 4.7 4.8 7.2#





#85
Benzo(a)anthracene
Concen: 12.105 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

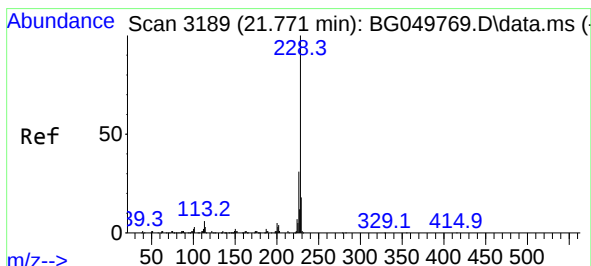
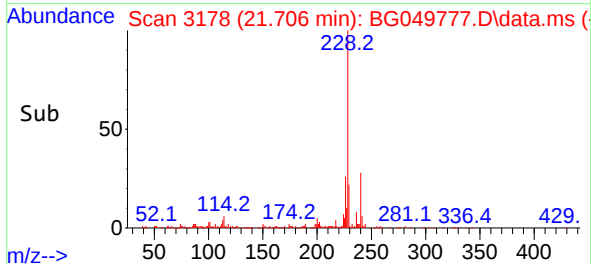
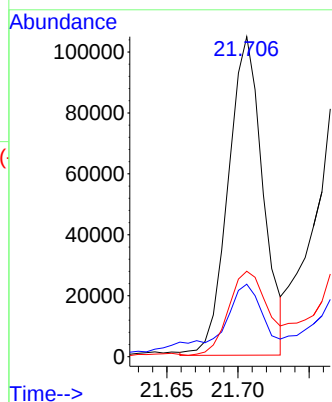
Instrument :
BNA_G
ClientSampled :
C00C9



Tgt Ion:228 Resp: 177681
Ion Ratio Lower Upper
228 100
229 22.6 15.3 22.9
226 26.7 21.0 31.6

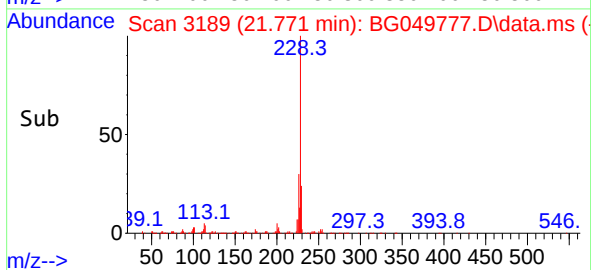
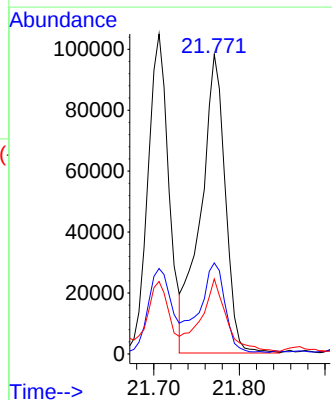
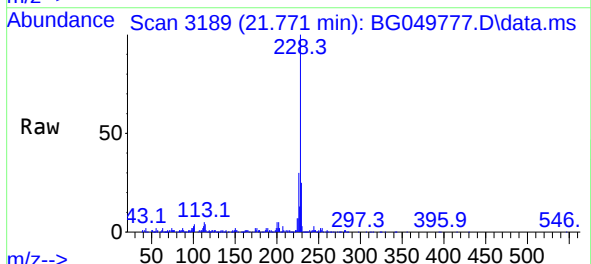
Manual Integrations
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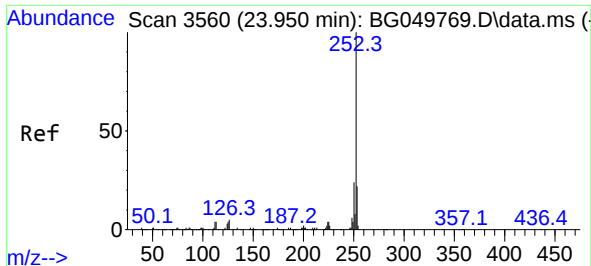
mohammad
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#87
Chrysene
Concen: 14.323 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:228 Resp: 196347
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 25.0 15.4 23.2#





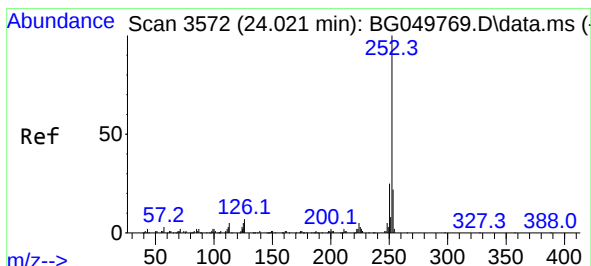
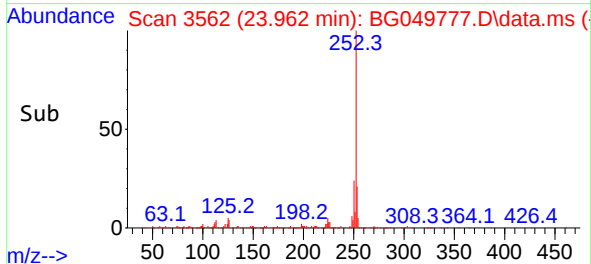
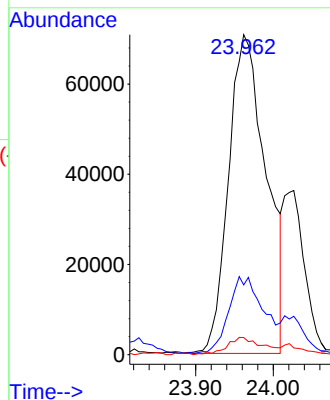
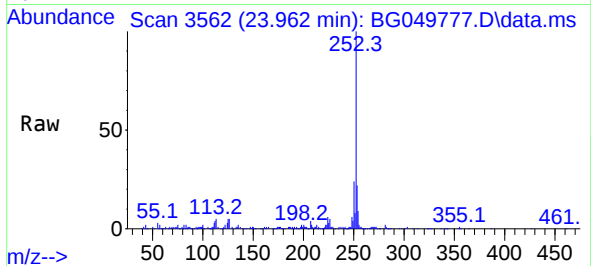
#90
Benzo(b)fluoranthene
Concen: 15.642 ng/ul
RT: 23.962 min Scan# 3562
Delta R.T. 0.012 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:252 Resp: 237460
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 5.4 3.7 5.5

Instrument :
BNA_G
ClientSampled :
C00C9

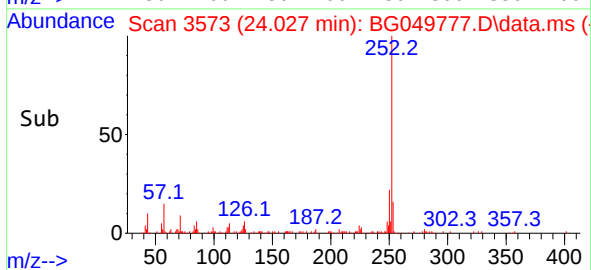
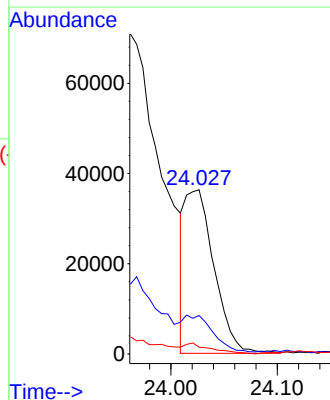
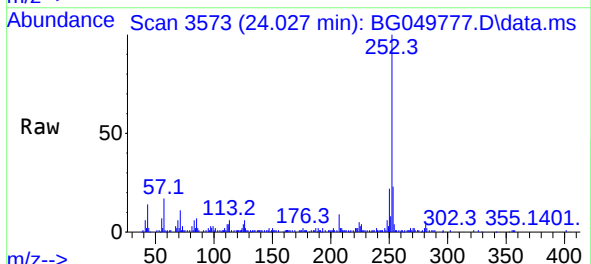
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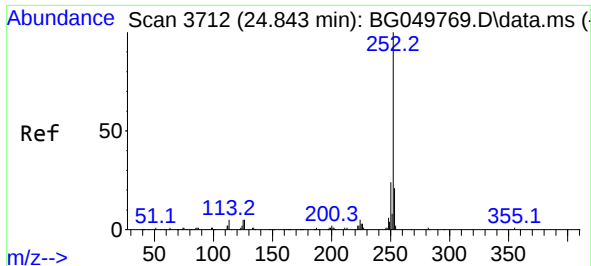
mohammad
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#91
Benzo(k)fluoranthene
Concen: 4.554 ng/ul m
RT: 24.027 min Scan# 3573
Delta R.T. 0.006 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:252 Resp: 68643
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 4.1 3.8 5.8





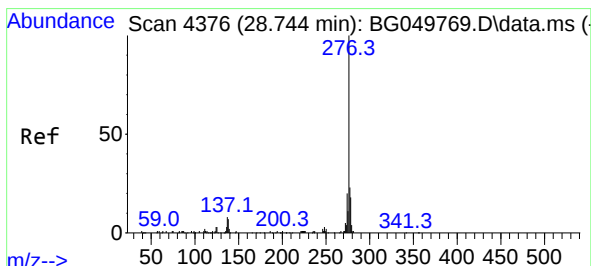
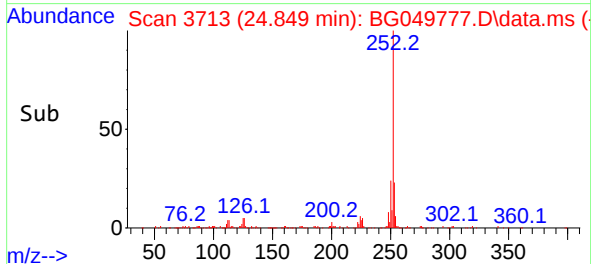
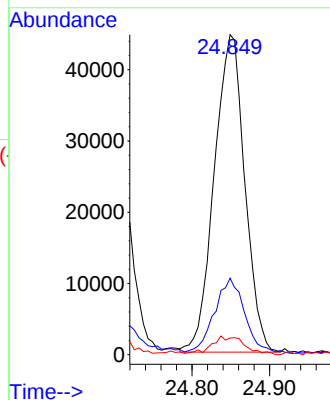
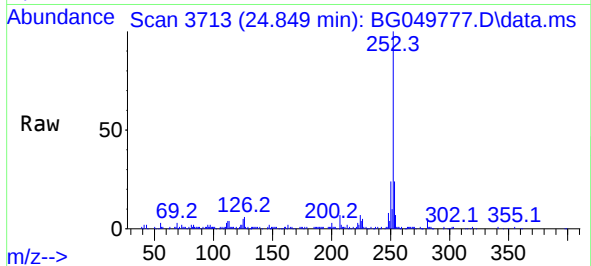
#93
Benzo(a)pyrene
Concen: 9.125 ng/ul
RT: 24.849 min Scan# 3713
Delta R.T. 0.006 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:252 Resp: 121949
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 5.2 4.6 7.0

Instrument :
BNA_G
ClientSampled :
C00C9

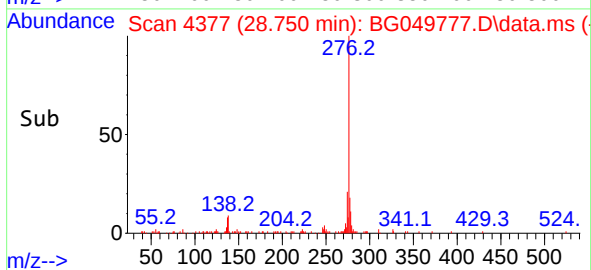
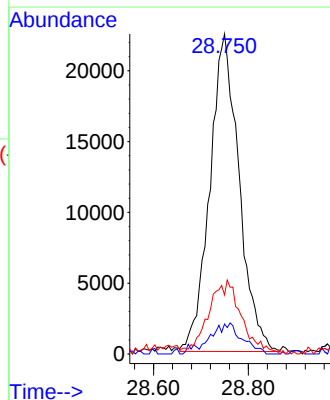
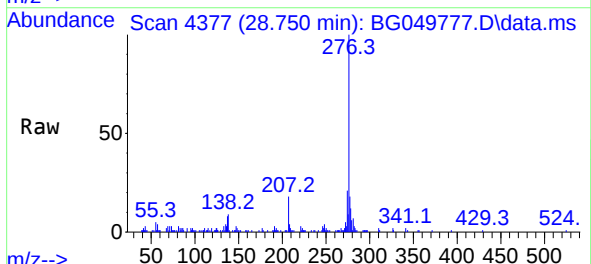
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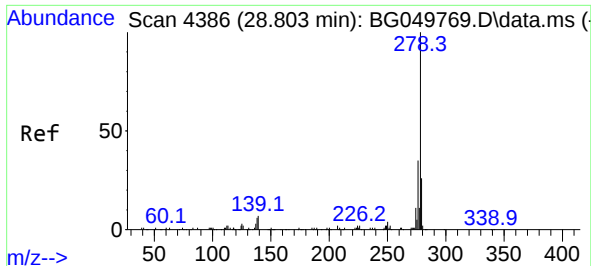
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#94
Indeno(1,2,3-cd)pyrene
Concen: 5.489 ng/ul
RT: 28.750 min Scan# 4377
Delta R.T. 0.012 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:276 Resp: 96264
Ion Ratio Lower Upper
276 100
138 9.3 6.6 10.0
277 18.5 19.4 29.2#





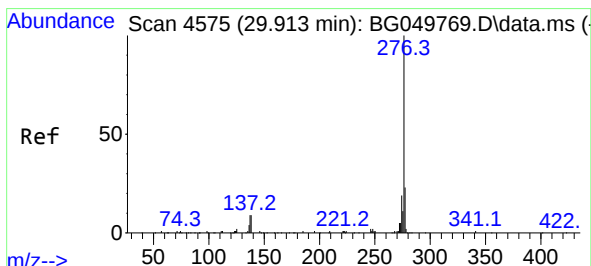
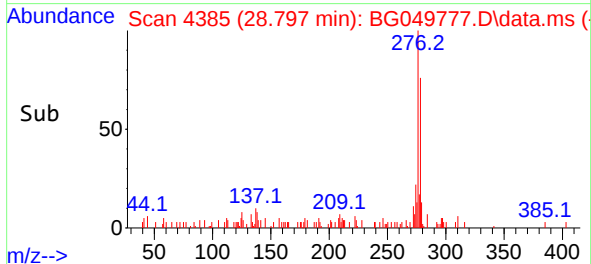
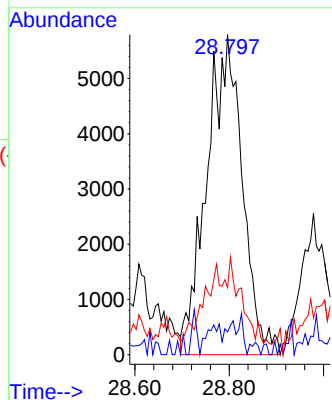
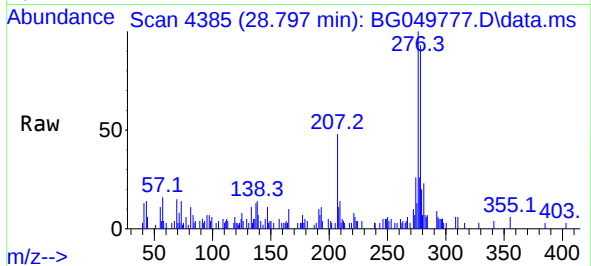
#95
Dibenzo(a,h)anthracene
Concen: 2.080 ng/ul m
RT: 28.797 min Scan# 4385
Delta R.T. -0.005 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:	278	Resp:	30434
Ion	Ratio	Lower	Upper
278	100		
139	7.1	6.3	9.5
279	20.9	18.9	28.3

Instrument :
BNA_G
ClientSampled :
C00C9

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.263 ng/ul m
RT: 29.936 min Scan# 4579
Delta R.T. 0.030 min
Lab File: BG049777.D
Acq: 11 Aug 2021 5:29

Tgt Ion:	276	Resp:	18413
Ion	Ratio	Lower	Upper
276	100		
138	8.4	7.2	10.8
277	23.1	19.5	29.3

