

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049801.D
 Acq On : 11 Aug 2021 23:49
 Operator : CG/JU
 Sample : M3287-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB02

Manual Integrations
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Quant Time: Aug 12 02:39:49 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	28292	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	124259	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	86682	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	155255	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	138946	20.000	ng/ul	# 0.00
88) Perylene-d12	25.013	264	148094	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	1904m	3.146	ng/uL	0.00
4) Pyridine-d5	3.854	84	15079	8.304	ng/ul	0.01
7) Phenol-d5	7.202	99	41392	16.121	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	23750	16.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	32869	17.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	31342	16.009	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	18237	18.632	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	21045	18.827	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	38148	18.099	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	35501	12.303	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	130567	19.194	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	157027	19.403	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	15817	14.381	ng/ul	0.01
60) Fluorene-d10	15.685	176	109651	18.753	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	14435m	13.814	ng/ul	0.00
73) Anthracene-d10	17.541	188	158367	21.609	ng/ul	0.00
81) Pyrene-d10	19.832	212	158944	20.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.790	264	163942	20.203	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.865	105	4071m	1.253	ng/ul	
30) Naphthalene	10.909	128	28467	4.387	ng/ul	98
36) 2-Methylnaphthalene	12.513	142	18031	3.629	ng/ul	92
37) 1-Methylnaphthalene	12.736	142	13485m	2.789	ng/ul	
50) Acenaphthylene	14.416	152	18767	2.458	ng/ul#	91
52) Acenaphthene	14.757	153	9335	1.712	ng/ul#	83
56) Dibenzofuran	15.086	168	18779	2.482	ng/ul	94
61) Fluorene	15.744	166	9198	1.495	ng/ul	96
72) Phenanthrene	17.482	178	158962	19.345	ng/ul	98
74) Anthracene	17.576	178	37400	4.550	ng/ul	98
77) Carbazole	17.847	167	17083	2.326	ng/ul	96
80) Fluoranthene	19.497	202	323795	34.271	ng/ul	99
82) Pyrene	19.861	202	314636	33.389	ng/ul	99
85) Benzo(a)anthracene	21.706	228	216597	23.743	ng/ul	96
87) Chrysene	21.771	228	225730	26.494	ng/ul	96
90) Benzo(b)fluoranthene	23.968	252	359358	37.126	ng/ul	99
91) Benzo(k)fluoranthene	24.026	252	102622m	10.677	ng/ul	
93) Benzo(a)pyrene	24.861	252	212383	24.924	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.767	276	158289	14.155	ng/ul	98
95) Dibenzo(a,h)anthracene	28.808	278	47013m	5.040	ng/ul	
96) Benzo(g,h,i)perylene	29.942	276	137145	14.748	ng/ul	99

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

Instrument :
BNA_G
ClientSampleId :
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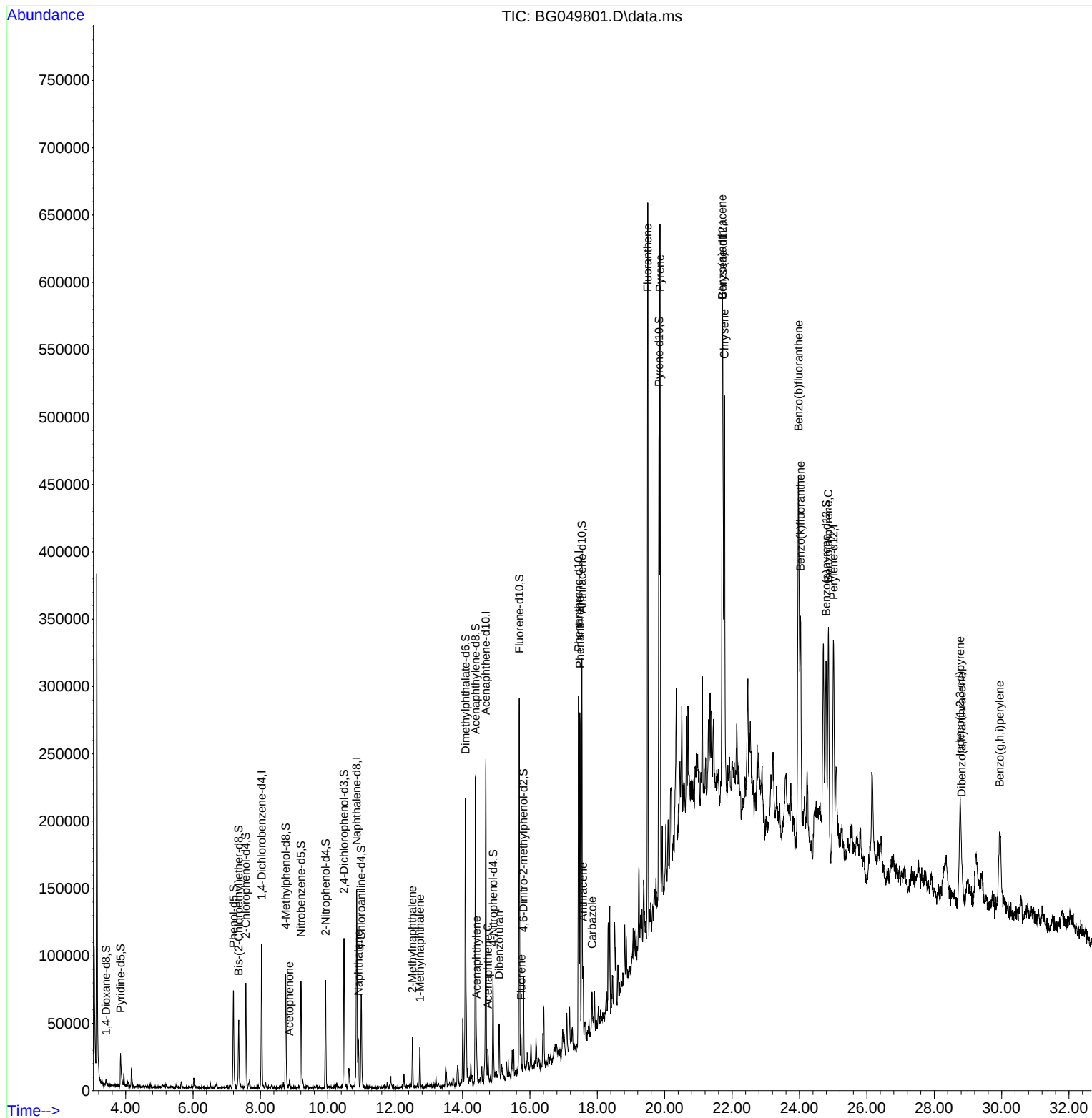
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Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
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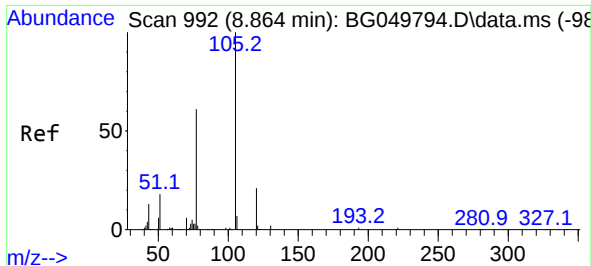
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BNA_G
ClientSampleId :
BGB02

Manual Integrations
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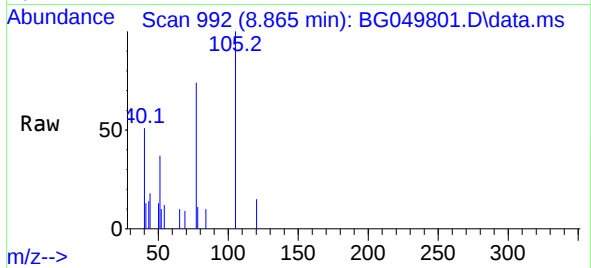
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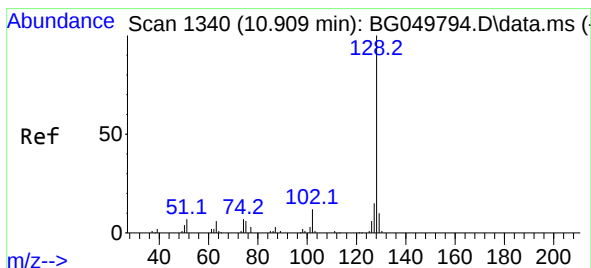
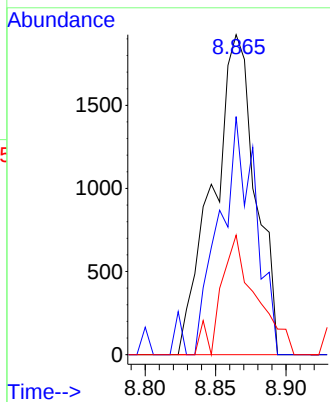
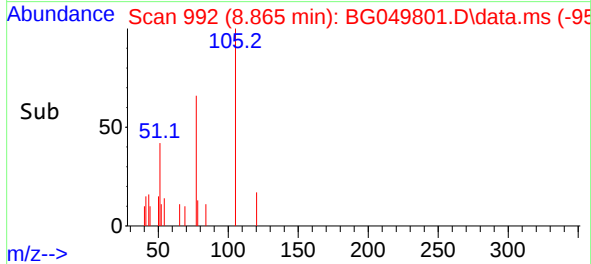




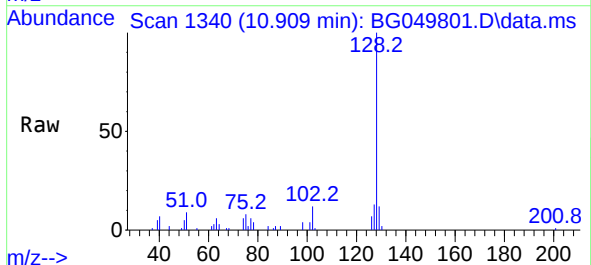
#16
Acetophenone
Concen: 1.253 ng/ul m
RT: 8.865 min Scan# 992
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



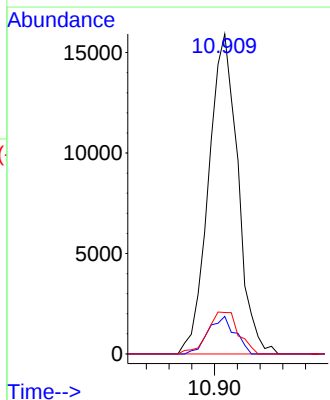
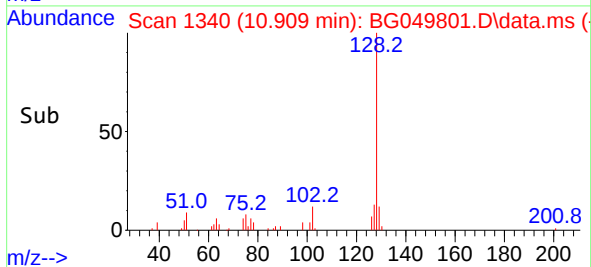
Tgt Ion:105 Resp: 4071
Ion Ratio Lower Upper
105 100
77 74.4 70.4 105.6
51 37.4 25.1 37.7



#30
Naphthalene
Concen: 4.387 ng/ul
RT: 10.909 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



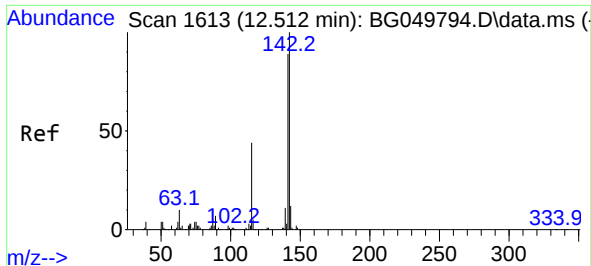
Tgt Ion:128 Resp: 28467
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 12.9 10.6 16.0



Instrument :
BNA_G
ClientSampled :
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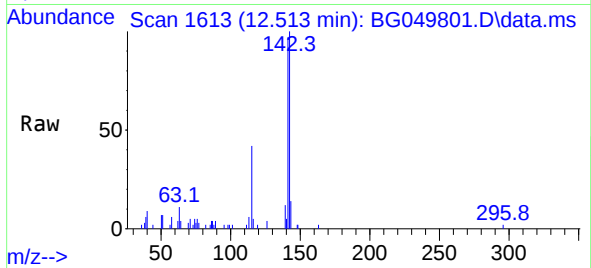
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#36
2-Methylnaphthalene
Concen: 3.629 ng/ul
RT: 12.513 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

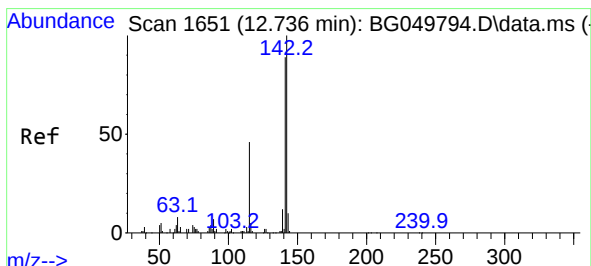
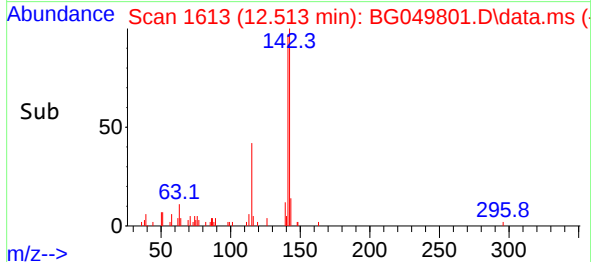
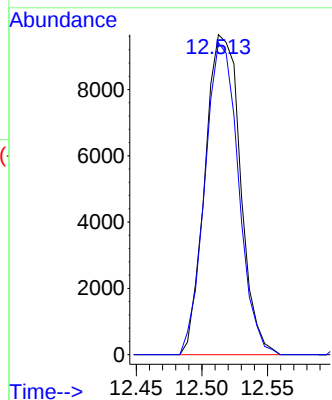
Instrument :
BNA_G
ClientSampled :
BGB02



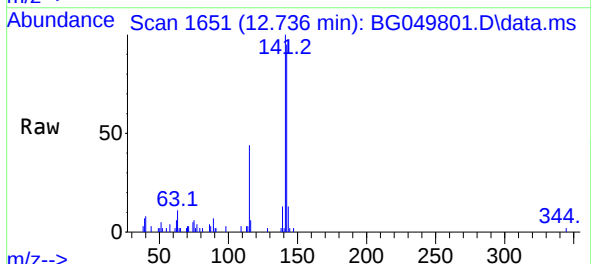
Tgt Ion:142 Resp: 18031
Ion Ratio Lower Upper
142 100
141 97.4 71.8 107.8

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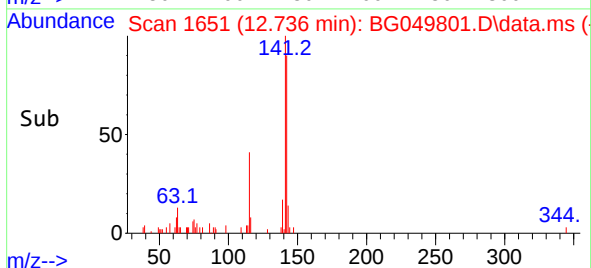
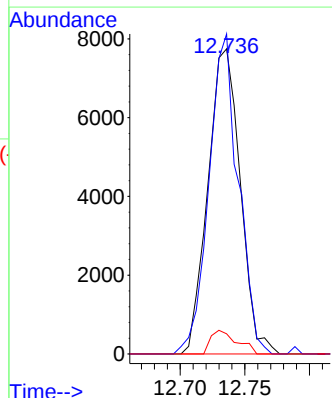
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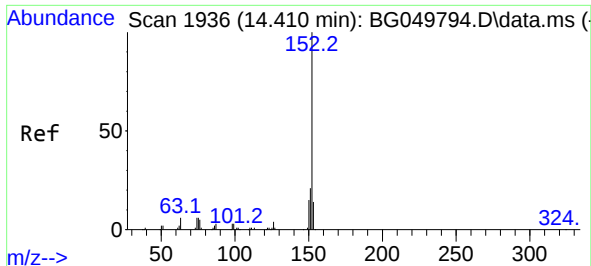


#37
1-Methylnaphthalene
Concen: 2.789 ng/ul m
RT: 12.736 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



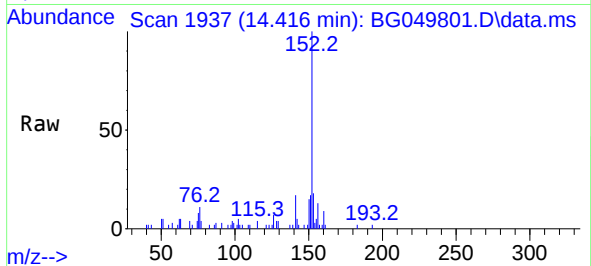
Tgt Ion:142 Resp: 13485
Ion Ratio Lower Upper
142 100
141 104.9 75.4 113.0
116 6.6 4.2 6.2#





#50
Acenaphthylene
Concen: 2.458 ng/ul
RT: 14.416 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

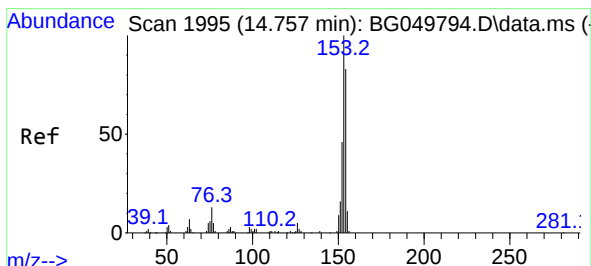
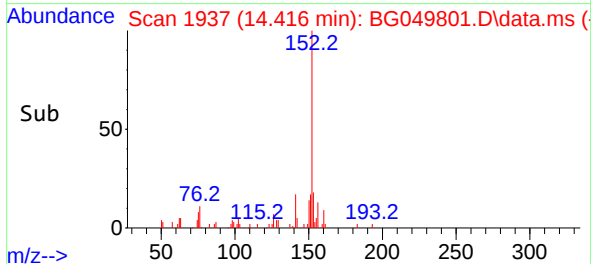
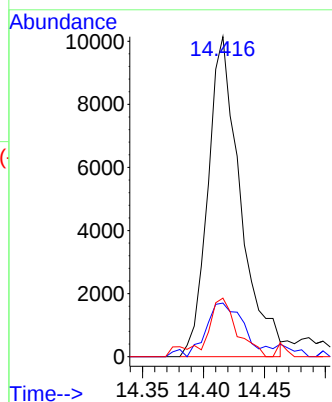
Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.3	24.5
153	18.3	11.4	17.0#

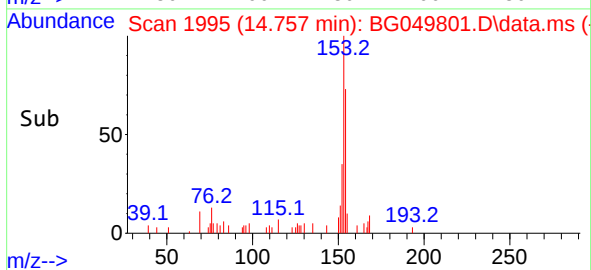
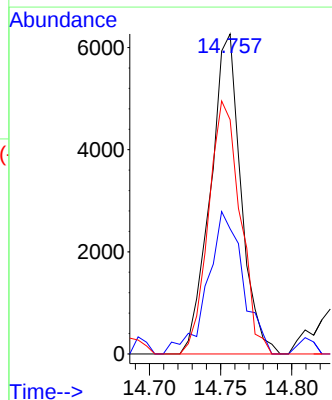
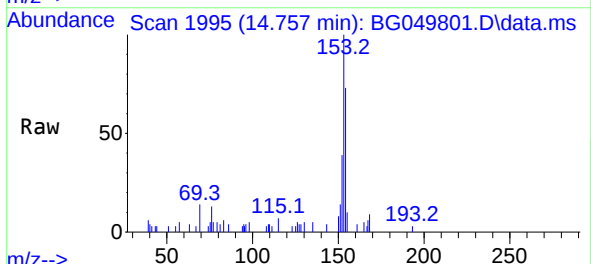
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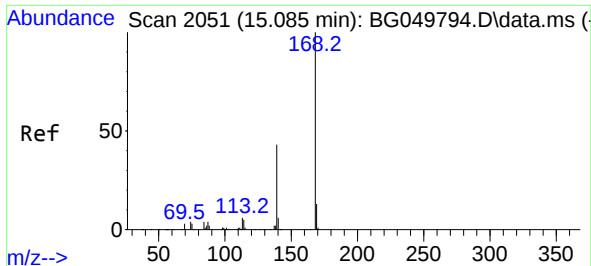
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#52
Acenaphthene
Concen: 1.712 ng/ul
RT: 14.757 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	39.1	41.0	61.6#
154	73.2	71.1	106.7





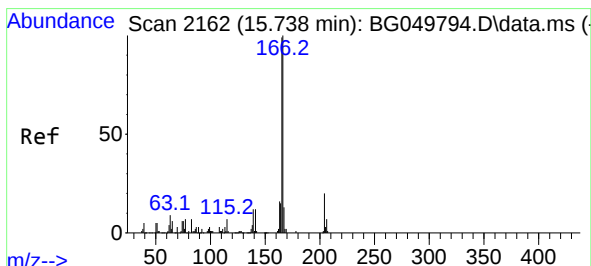
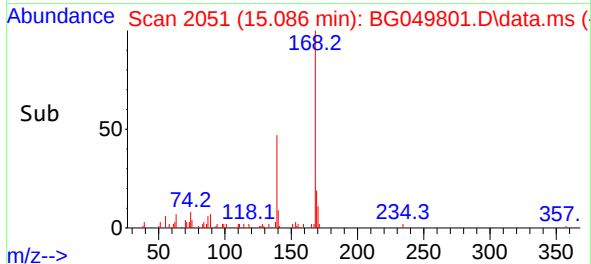
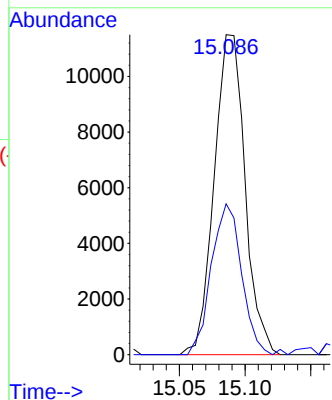
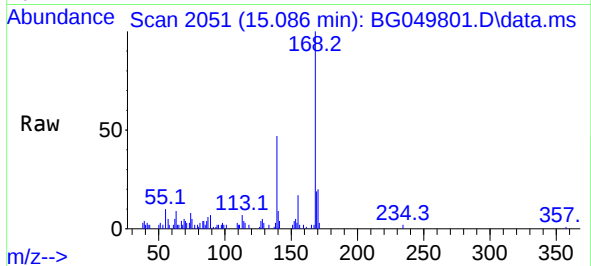
#56
Dibenzenofuran
Concen: 2.482 ng/ul
RT: 15.086 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion:168 Resp: 18779
Ion Ratio Lower Upper
168 100
139 47.1 34.6 52.0

Instrument :
BNA_G
ClientSampled :
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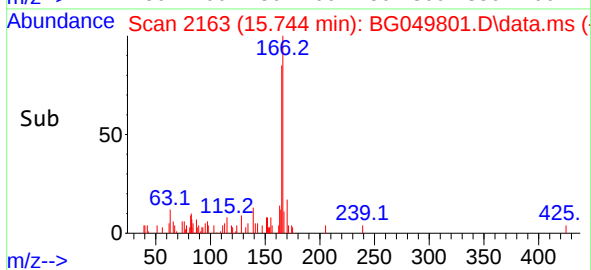
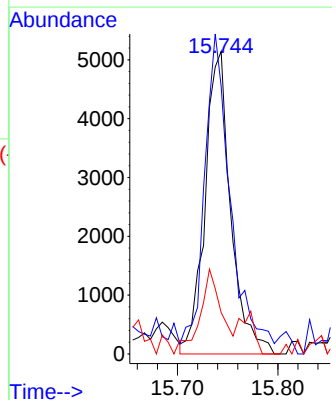
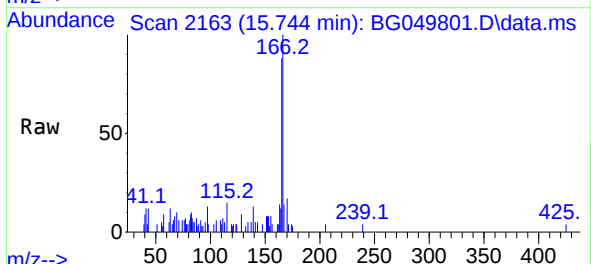
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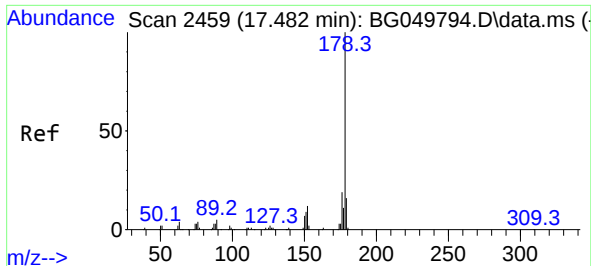
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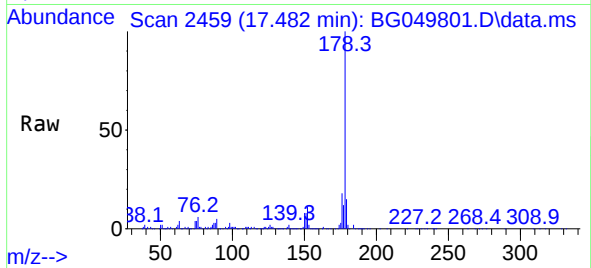
#61
Fluorene
Concen: 1.495 ng/ul
RT: 15.744 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion:166 Resp: 9198
Ion Ratio Lower Upper
166 100
165 88.4 74.5 111.7
167 13.7 10.5 15.7

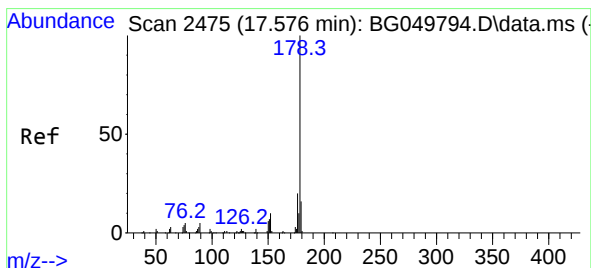
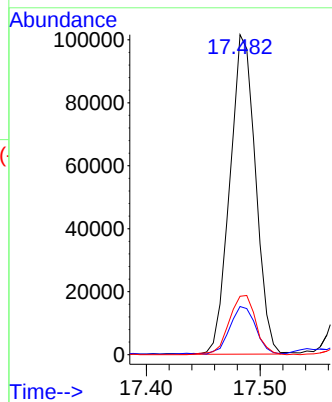
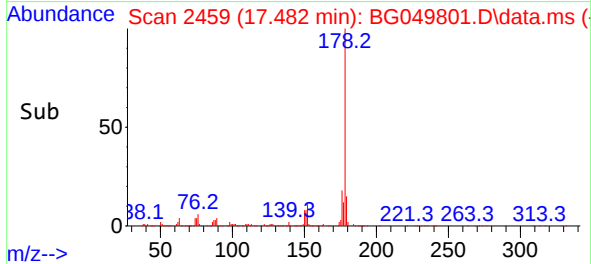




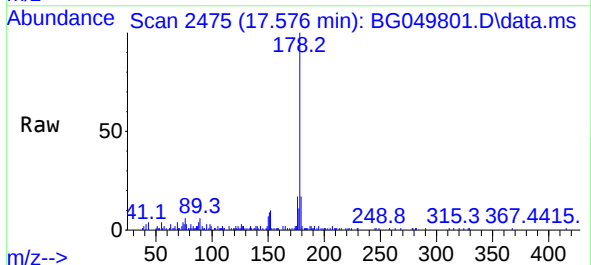
#72
Phenanthrene
Concen: 19.345 ng/u1
RT: 17.482 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



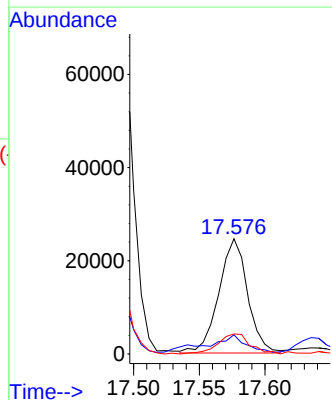
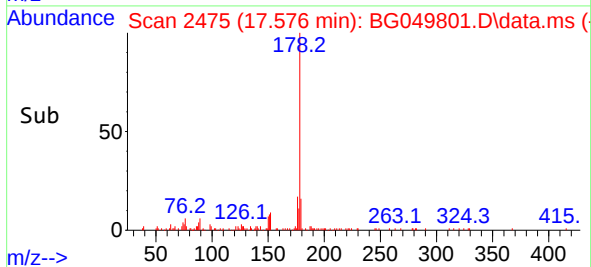
Tgt Ion:178 Resp: 158962
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.2 15.4 23.2



#74
Anthracene
Concen: 4.550 ng/u1
RT: 17.576 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



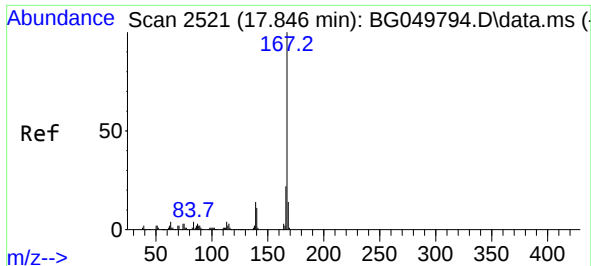
Tgt Ion:178 Resp: 37400
Ion Ratio Lower Upper
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179 16.7 12.4 18.6
176 17.3 14.6 21.8



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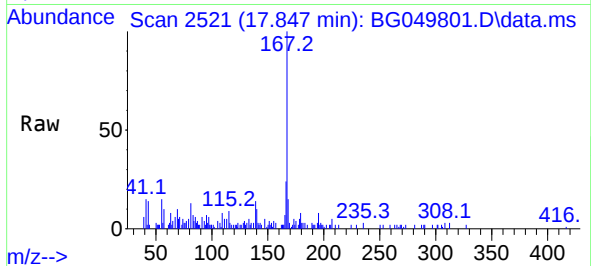
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#77
 Carbazole
 Concen: 2.326 ng/ul
 RT: 17.847 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: BG049801.D
 Acq: 11 Aug 2021 23:49

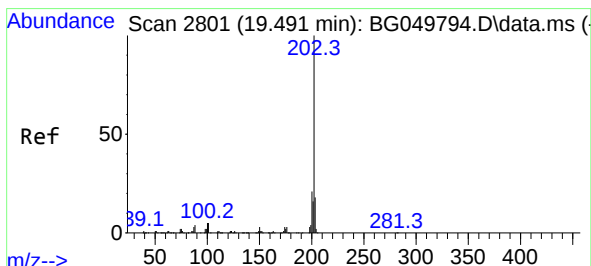
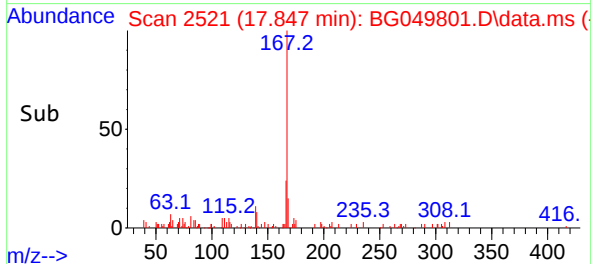
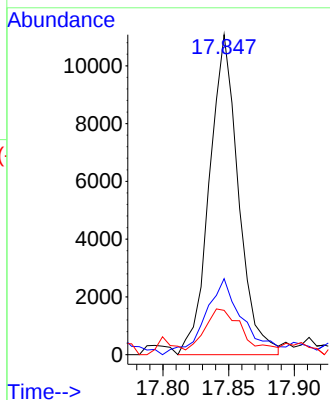
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 ClientSampled :
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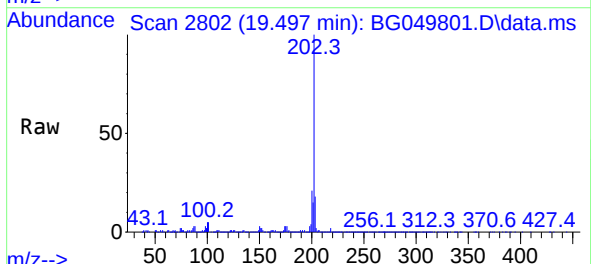
Tgt Ion:	167	Resp:	17083
Ion Ratio	Lower	Upper	
167	100		
166	23.8	17.3	25.9
139	13.8	10.4	15.6

Manual Integrations
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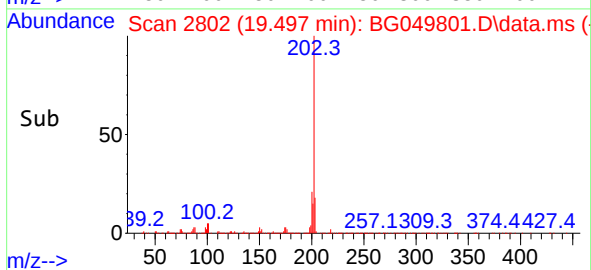
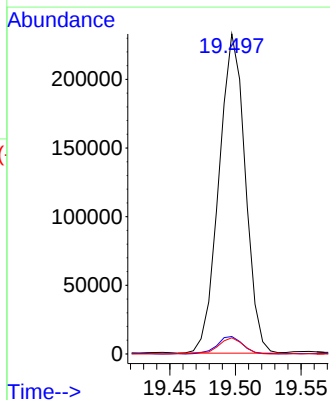
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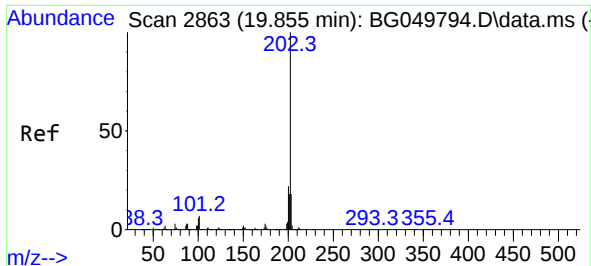


#80
 Fluoranthene
 Concen: 34.271 ng/ul
 RT: 19.497 min Scan# 2802
 Delta R.T. 0.006 min
 Lab File: BG049801.D
 Acq: 11 Aug 2021 23:49



Tgt Ion:	202	Resp:	323795
Ion Ratio	Lower	Upper	
202	100		
101	5.5	4.8	7.2
100	5.0	3.9	5.9





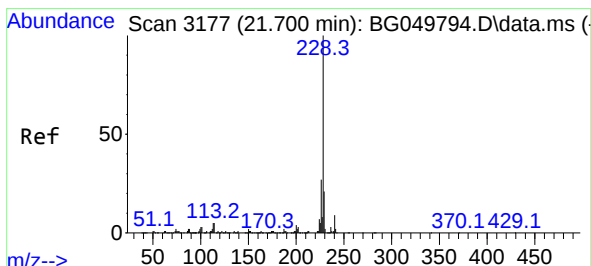
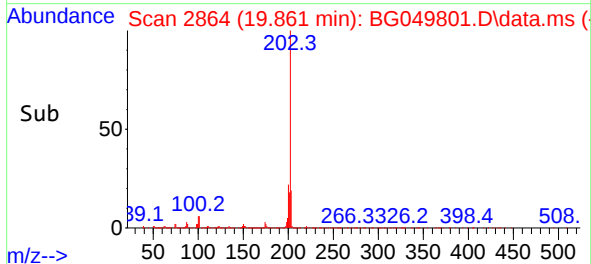
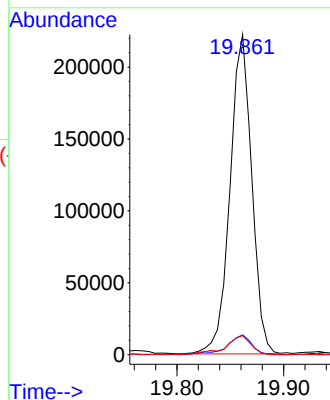
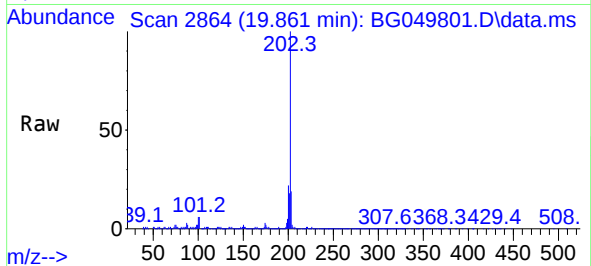
#82
Pyrene
Concen: 33.389 ng/ul
RT: 19.861 min Scan# 2864
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion:202 Resp: 314636
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 5.9 4.8 7.2

Instrument :
BNA_G
ClientSampled :
BGB02

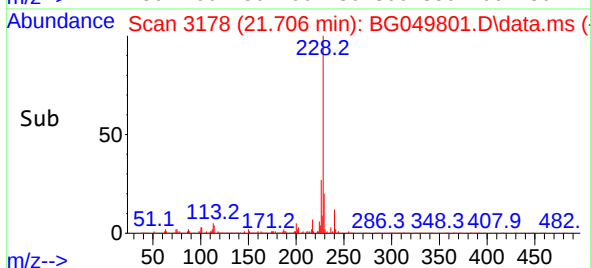
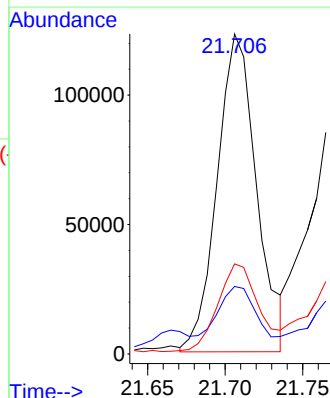
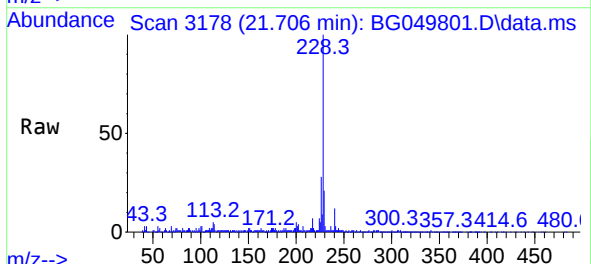
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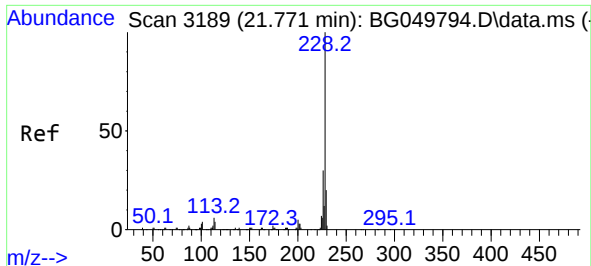
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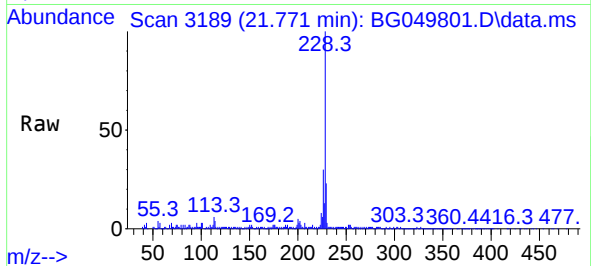
#85
Benzo(a)anthracene
Concen: 23.743 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion:228 Resp: 216597
Ion Ratio Lower Upper
228 100
229 21.1 15.3 22.9
226 28.2 21.0 31.6

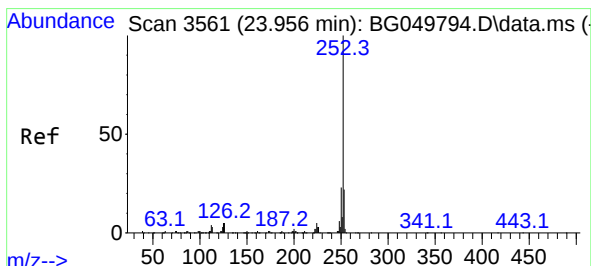
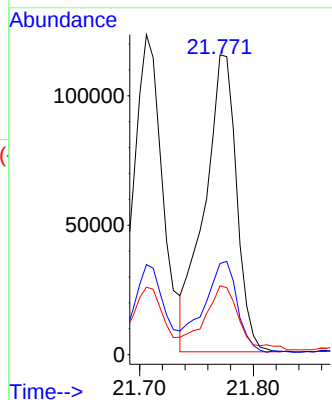
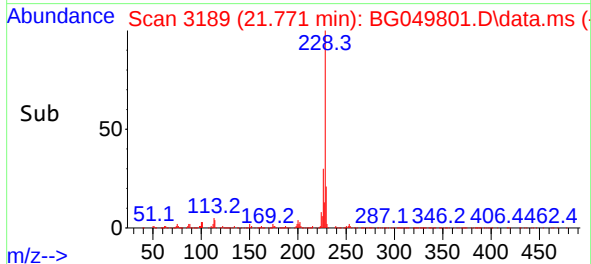




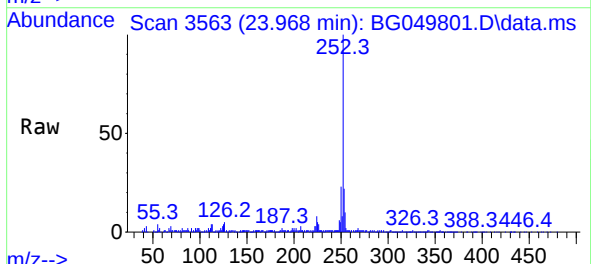
#87
Chrysene
Concen: 26.494 ng/ul
RT: 21.771 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



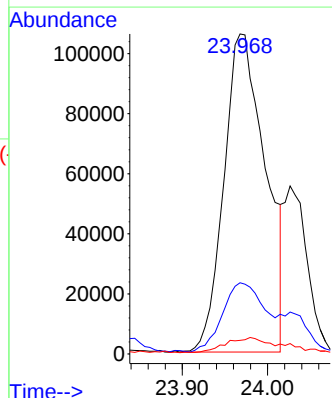
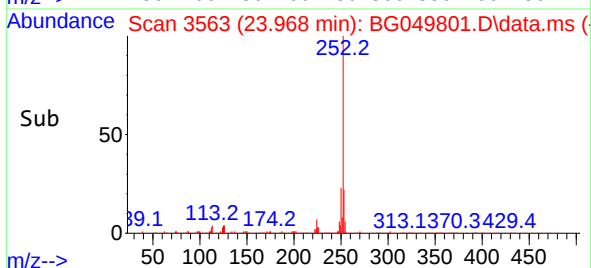
Tgt Ion:228 Resp: 225730
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 23.0 15.4 23.2



#90
Benzo(b)fluoranthene
Concen: 37.126 ng/ul
RT: 23.968 min Scan# 3563
Delta R.T. 0.018 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



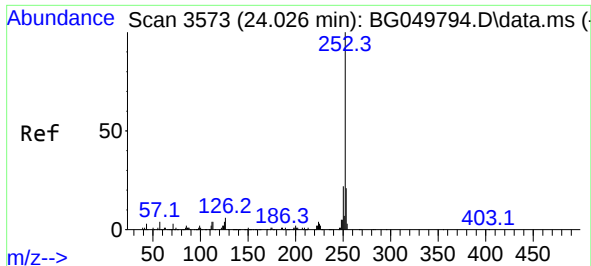
Tgt Ion:252 Resp: 359358
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 4.2 3.7 5.5



Instrument :
BNA_G
ClientSampled :
BGB02

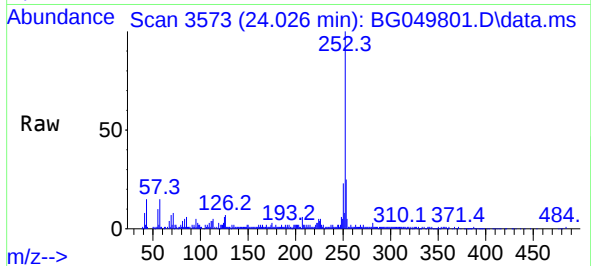
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#91
Benzo(k)fluoranthene
Concen: 10.677 ng/ul m
RT: 24.026 min Scan# 3573
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

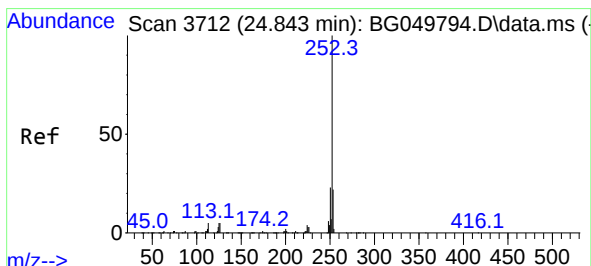
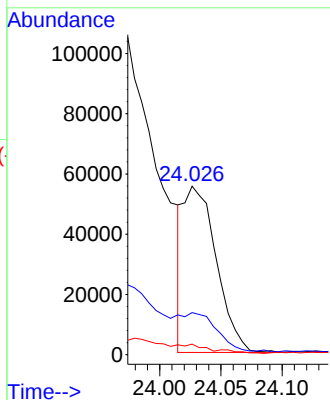
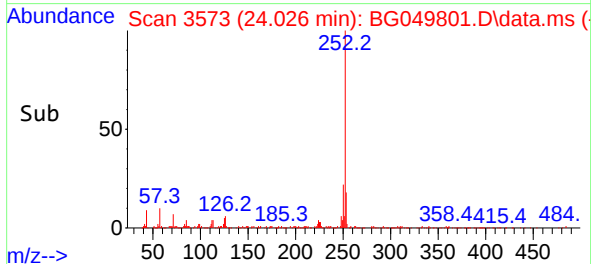
Instrument :
BNA_G
ClientSampled :
BGB02



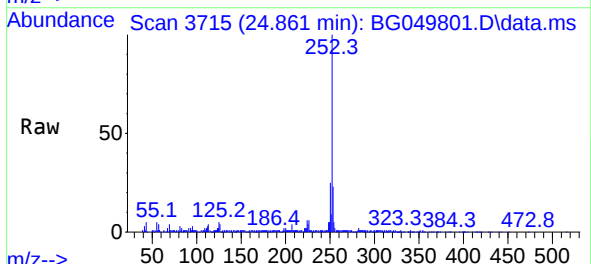
Tgt Ion:252 Resp: 102622
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 6.2 3.8 5.8#

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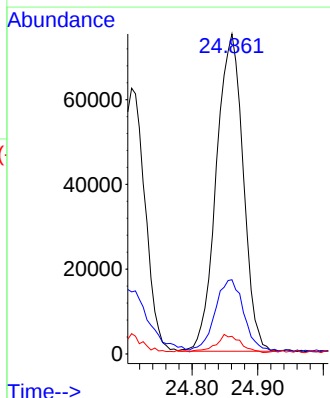
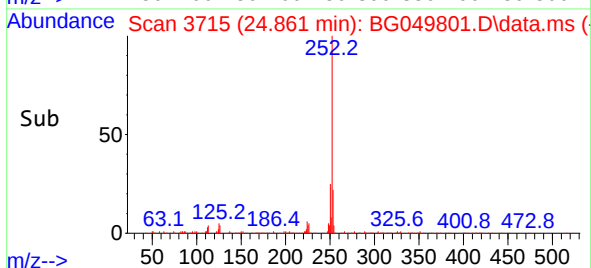
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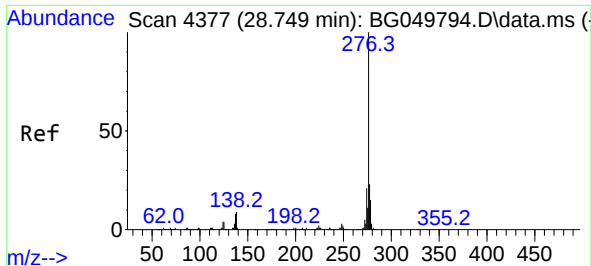


#93
Benzo(a)pyrene
Concen: 24.924 ng/ul
RT: 24.861 min Scan# 3715
Delta R.T. 0.018 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



Tgt Ion:252 Resp: 212383
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 5.5 4.6 7.0





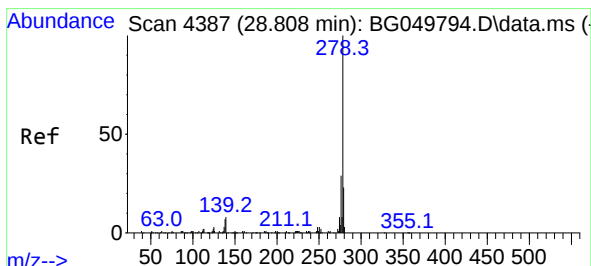
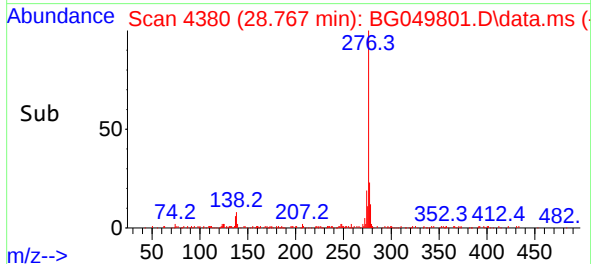
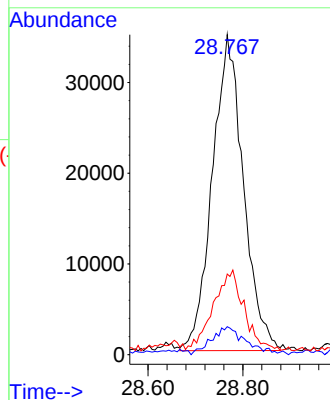
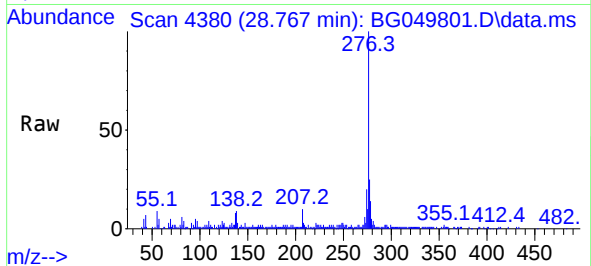
#94
Indeno(1,2,3-cd)pyrene
Concen: 14.155 ng/ul
RT: 28.767 min Scan# 4380
Delta R.T. 0.030 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion: 276 Resp: 158289
Ion Ratio Lower Upper
276 100
138 8.7 6.6 10.0
277 25.2 19.4 29.2

Instrument :
BNA_G
ClientSampled :
BGB02

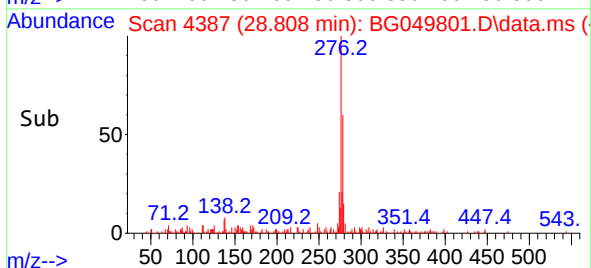
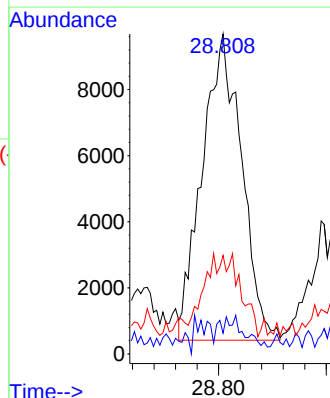
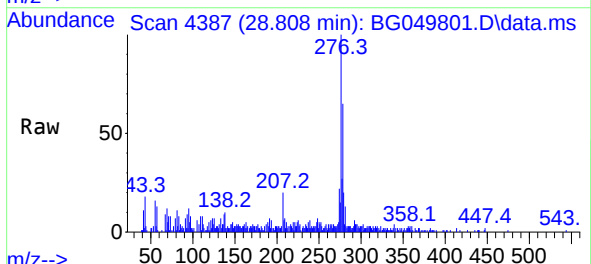
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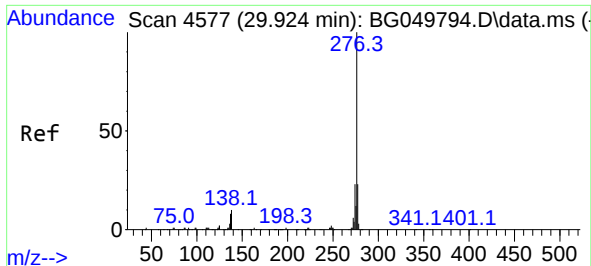
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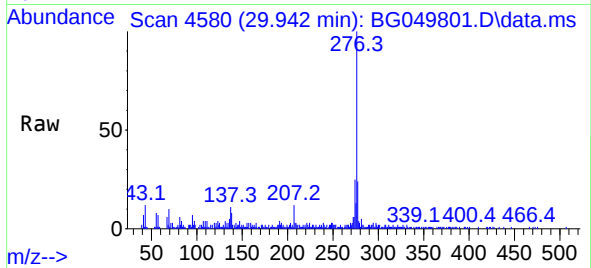
#95
Dibenzo(a,h)anthracene
Concen: 5.040 ng/ul m
RT: 28.808 min Scan# 4387
Delta R.T. 0.006 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49

Tgt Ion: 278 Resp: 47013
Ion Ratio Lower Upper
278 100
139 3.4 6.3 9.5#
279 30.8 18.9 28.3#

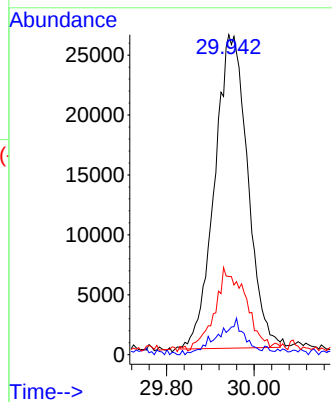
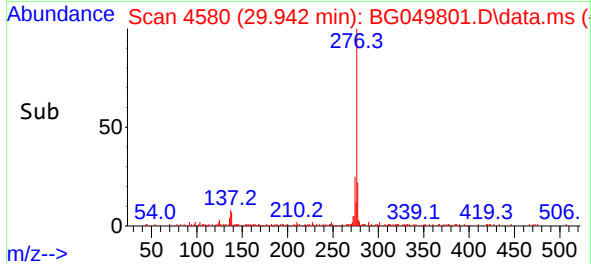




#96
Benzo(g,h,i)perylene
Concen: 14.748 ng/ul
RT: 29.942 min Scan# 4580
Delta R.T. 0.036 min
Lab File: BG049801.D
Acq: 11 Aug 2021 23:49



Tgt Ion: 276 Resp: 137145
Ion Ratio Lower Upper
276 100
138 7.7 7.2 10.8
277 24.5 19.5 29.3



Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
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