

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049804.D
 Acq On : 12 Aug 2021 1:53
 Operator : CG/JU
 Sample : M3287-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB08

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Quant Time: Aug 12 03:14:29 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	31134	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	136110	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	94001	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	181286	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	154532	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	165084	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	2535m	3.807	ng/uL	0.00
4) Pyridine-d5	3.854	84	12829	6.420	ng/ul	0.01
7) Phenol-d5	7.202	99	37995	13.447	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	23347	14.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	31175	15.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	22363	10.380	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	16919	15.780	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	20272	16.556	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	35404	15.334	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	37763	11.948	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	122472	16.602	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	148976	16.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	13472m	11.295	ng/ul	0.00
60) Fluorene-d10	15.679	176	106167	16.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	7873	6.453	ng/ul	0.00
73) Anthracene-d10	17.541	188	145151	16.962	ng/ul	0.00
81) Pyrene-d10	19.832	212	155316	18.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	153092	16.925	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.903	128	8730	1.228	ng/ul#	90
72) Phenanthrene	17.482	178	48563	5.061	ng/ul	98
74) Anthracene	17.576	178	10753m	1.120	ng/ul	
80) Fluoranthene	19.497	202	106322	10.118	ng/ul	99
82) Pyrene	19.862	202	99936	9.535	ng/ul#	95
85) Benzo(a)anthracene	21.706	228	62419	6.152	ng/ul	97
87) Chrysene	21.771	228	62980m	6.646	ng/ul	
90) Benzo(b)fluoranthene	23.962	252	88863m	8.236	ng/ul	
91) Benzo(k)fluoranthene	24.021	252	25913	2.419	ng/ul	96
93) Benzo(a)pyrene	24.843	252	56695	5.969	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.755	276	38798	3.112	ng/ul#	88
95) Dibenzo(a,h)anthracene	28.814	278	11825m	1.137	ng/ul	
96) Benzo(g,h,i)perylene	29.930	276	38204m	3.686	ng/ul	

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

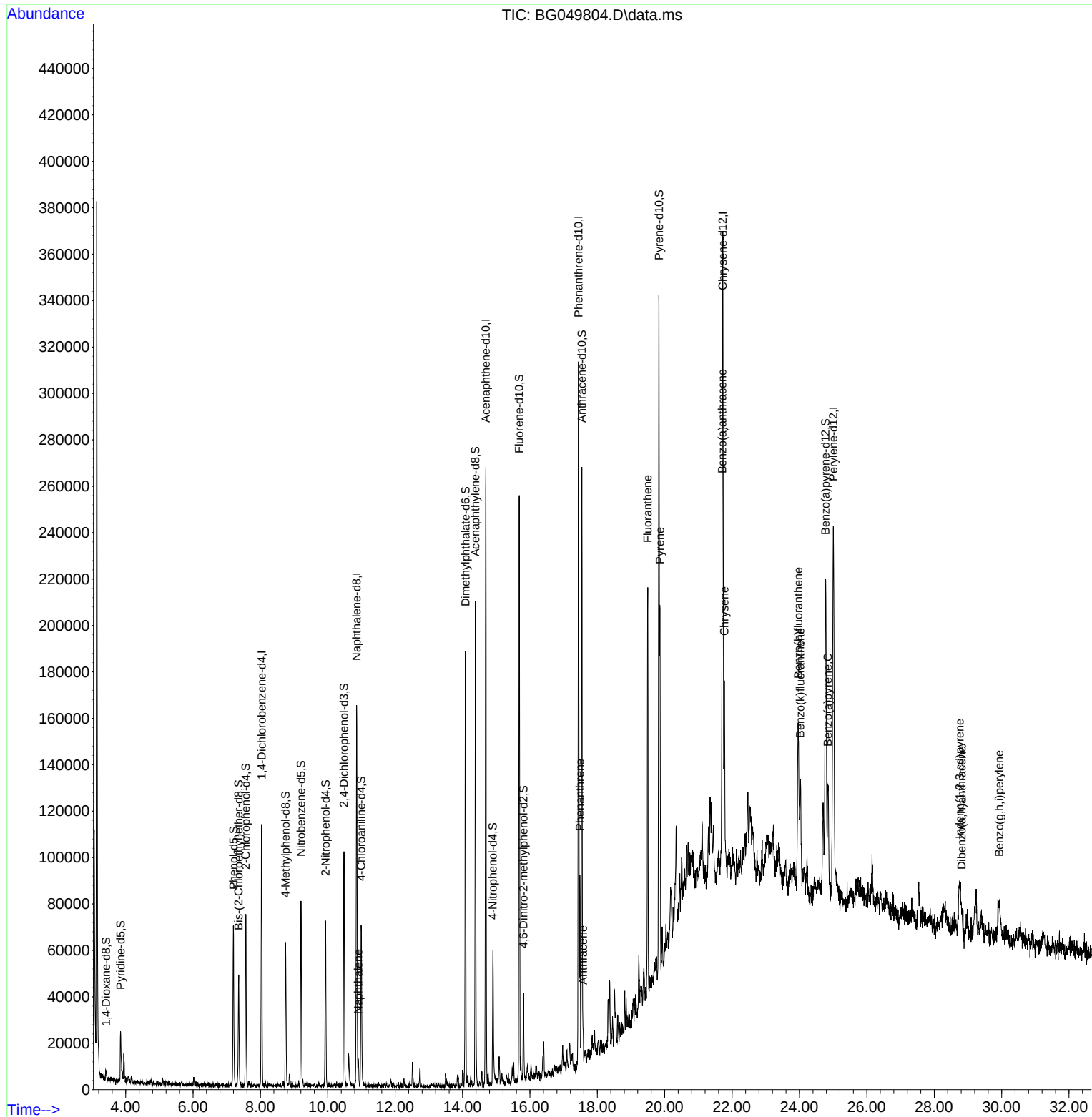
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Data File : BG049804.D
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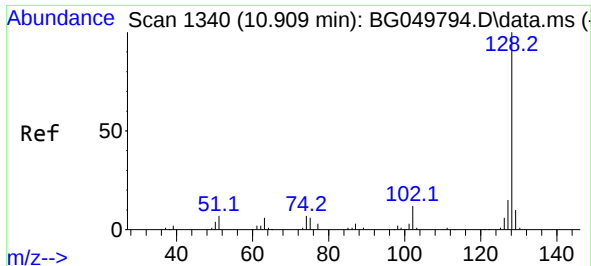
Instrument :
BNA_G
ClientSampled :
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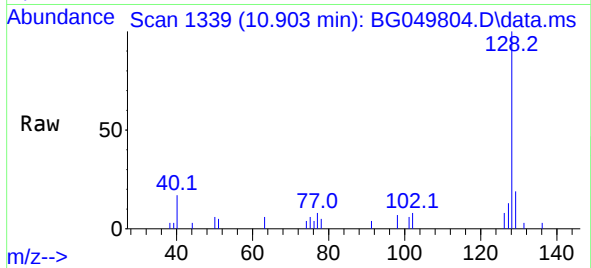
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Quant Time: Aug 12 03:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
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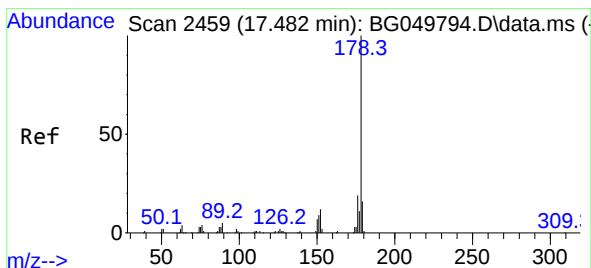
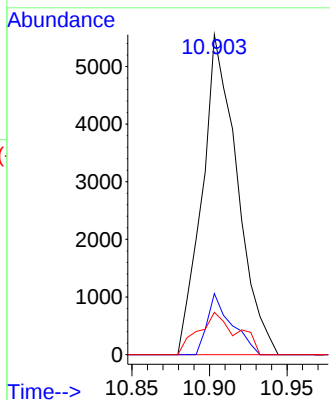
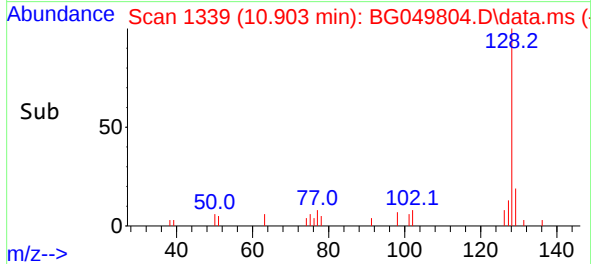




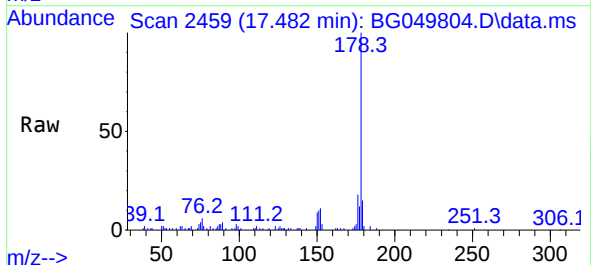
#30
Naphthalene
Concen: 1.228 ng/ul
RT: 10.903 min Scan# 1339
Delta R.T. -0.005 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53



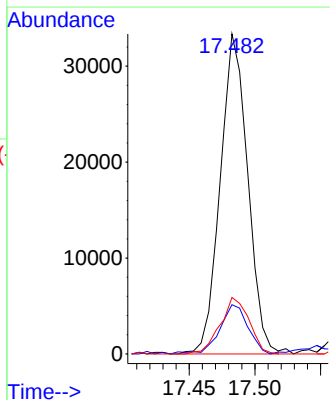
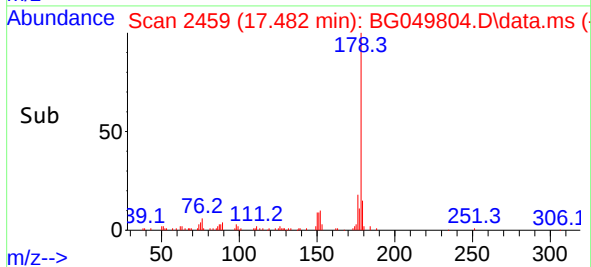
Tgt Ion:128 Resp: 8730
Ion Ratio Lower Upper
128 100
129 19.1 8.7 13.1#
127 13.2 10.6 16.0



#72
Phenanthrene
Concen: 5.061 ng/ul
RT: 17.482 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53



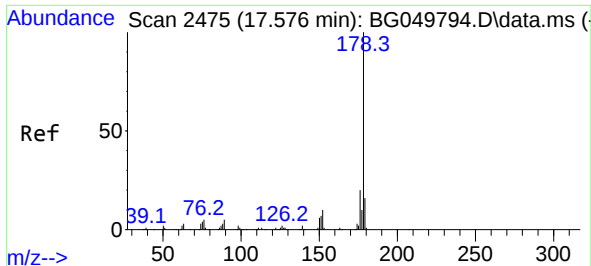
Tgt Ion:178 Resp: 48563
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 17.6 15.4 23.2



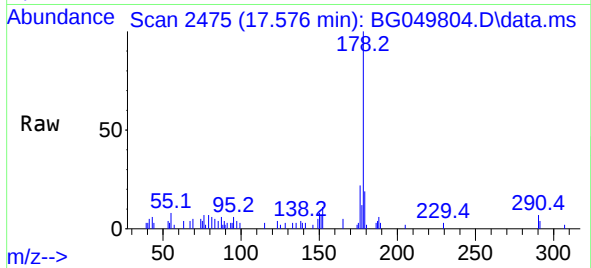
Instrument :
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ClientSampled :
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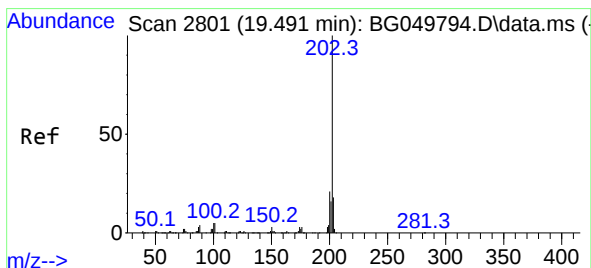
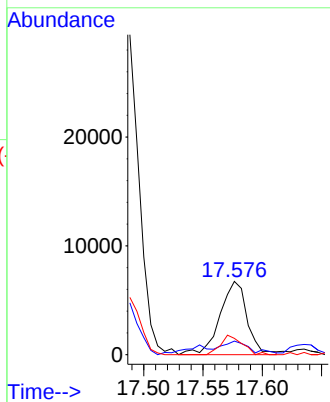
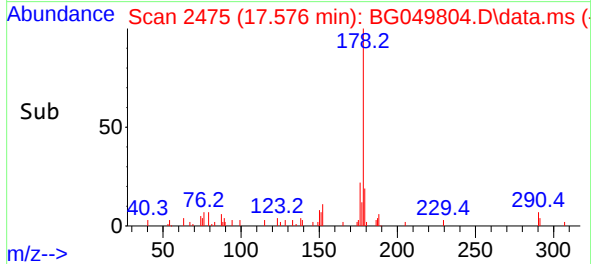
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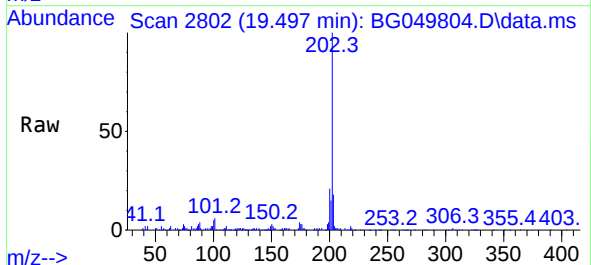
#74
 Anthracene
 Concen: 1.120 ng/ul m
 RT: 17.576 min Scan# 2475
 Delta R.T. 0.000 min
 Lab File: BG049804.D
 Acq: 12 Aug 2021 1:53



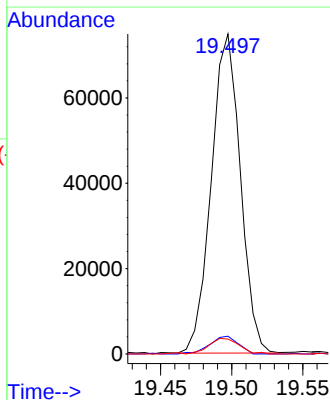
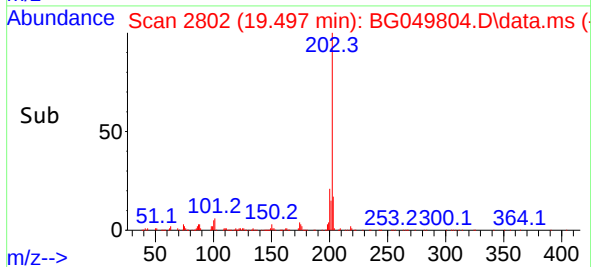
Tgt Ion:178 Resp: 10753
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.4 18.6#
 176 22.2 14.6 21.8#



#80
 Fluoranthene
 Concen: 10.118 ng/ul
 RT: 19.497 min Scan# 2802
 Delta R.T. 0.006 min
 Lab File: BG049804.D
 Acq: 12 Aug 2021 1:53



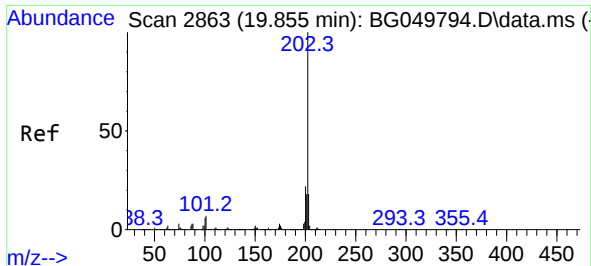
Tgt Ion:202 Resp: 106322
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.8 7.2
 100 4.6 3.9 5.9



Instrument :
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 ClientSampled :
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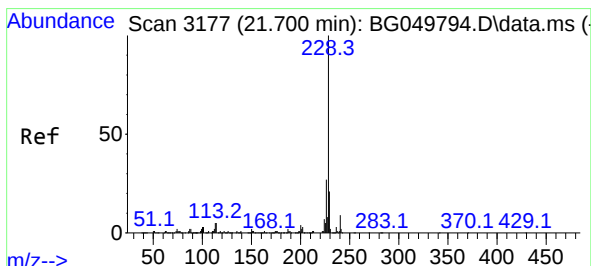
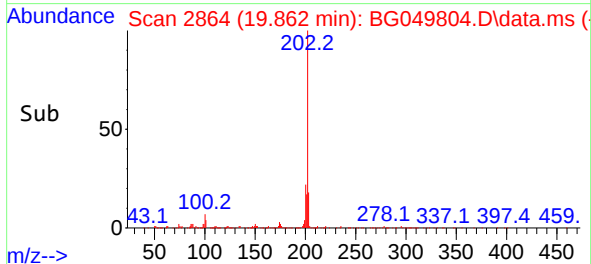
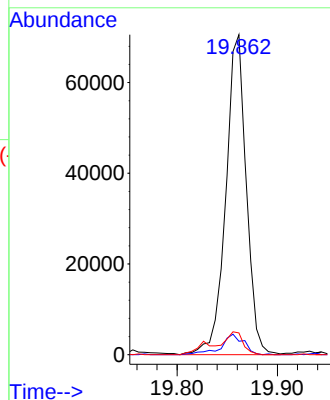
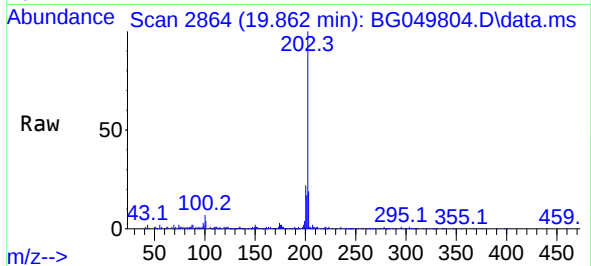
#82
Pyrene
Concen: 9.535 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. 0.006 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53

Tgt Ion:202 Resp: 99936
Ion Ratio Lower Upper
202 100
101 4.2 5.2 7.8#
100 6.8 4.8 7.2

Instrument :
BNA_G
ClientSampled :
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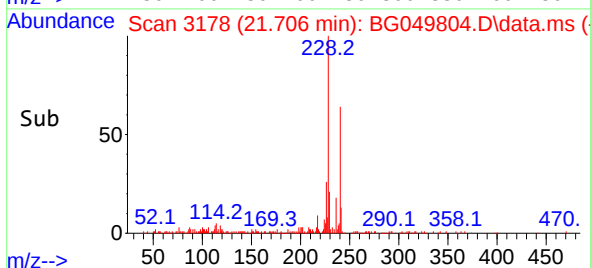
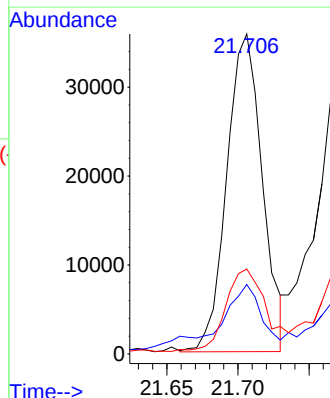
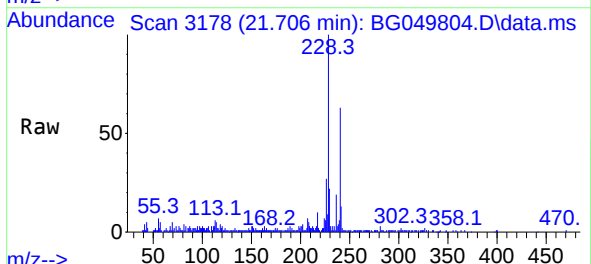
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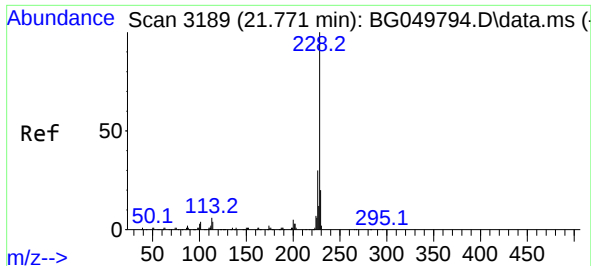
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#85
Benzo(a)anthracene
Concen: 6.152 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53

Tgt Ion:228 Resp: 62419
Ion Ratio Lower Upper
228 100
229 21.7 15.3 22.9
226 26.5 21.0 31.6





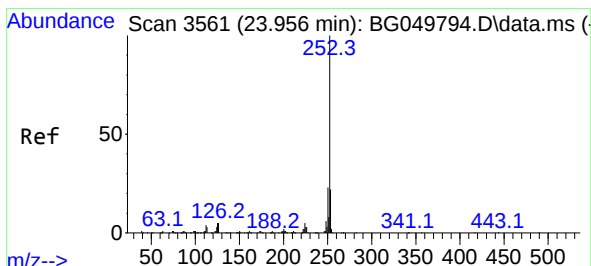
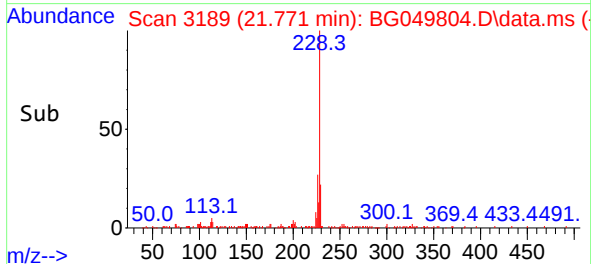
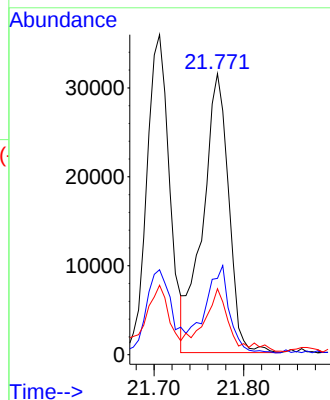
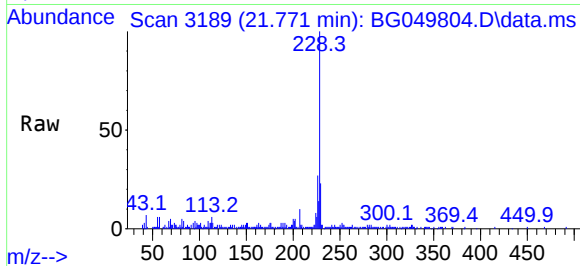
#87
Chrysene
Concen: 6.646 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.7	37.1
229	23.5	15.4	23.2#

Instrument :
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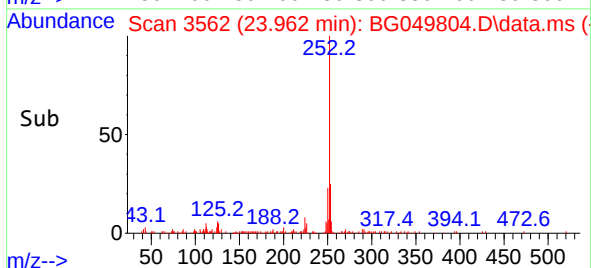
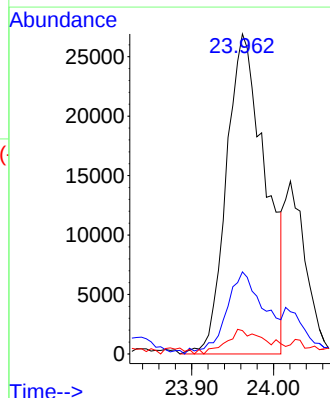
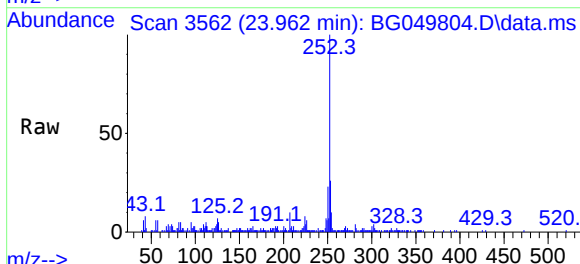
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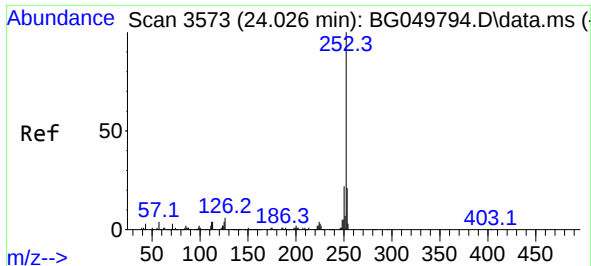
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#90
Benzo(b)fluoranthene
Concen: 8.236 ng/ul m
RT: 23.962 min Scan# 3562
Delta R.T. 0.012 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53

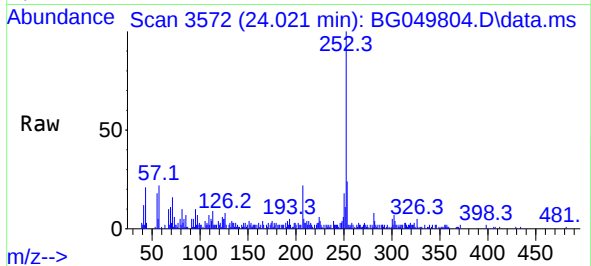
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.2
125	7.3	3.7	5.5#





#91
Benzo(k)fluoranthene
Concen: 2.419 ng/u1
RT: 24.021 min Scan# 3572
Delta R.T. 0.000 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53

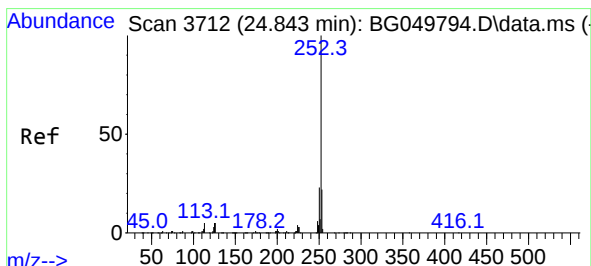
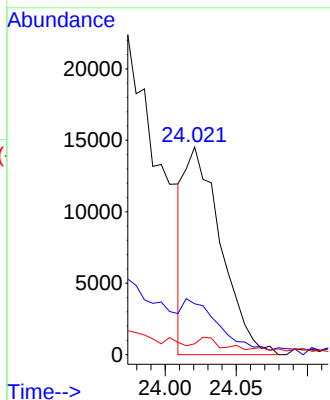
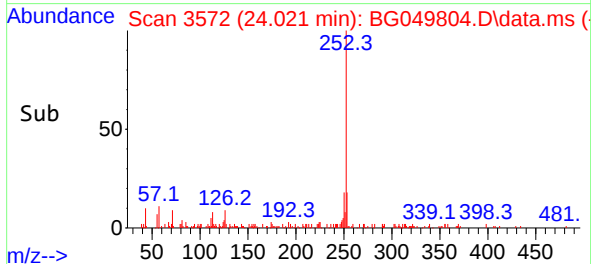
Instrument :
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ClientSampled :
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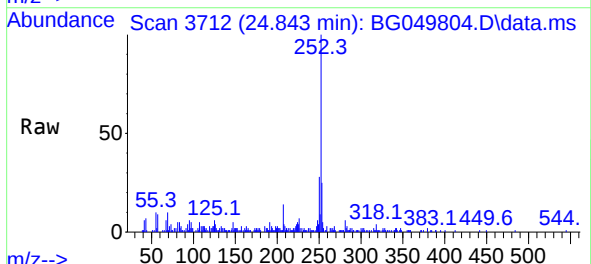
Tgt Ion:252 Resp: 25913
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 5.3 3.8 5.8

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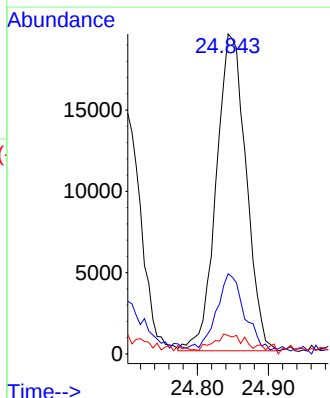
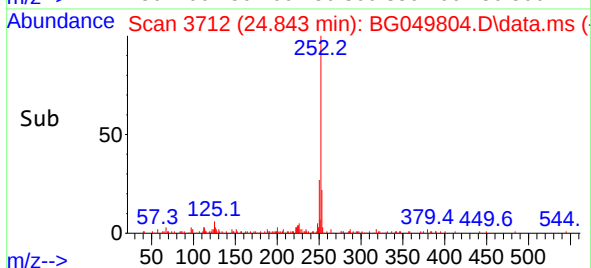
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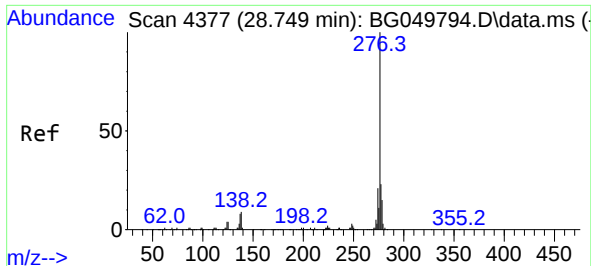


#93
Benzo(a)pyrene
Concen: 5.969 ng/u1
RT: 24.843 min Scan# 3712
Delta R.T. 0.000 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53



Tgt Ion:252 Resp: 56695
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 5.8 4.6 7.0





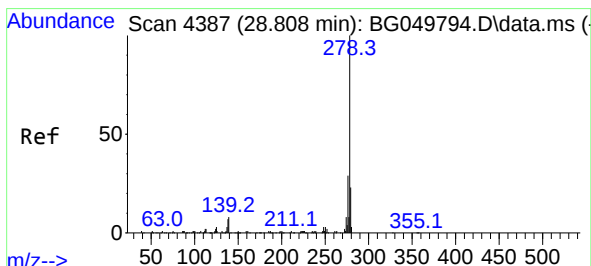
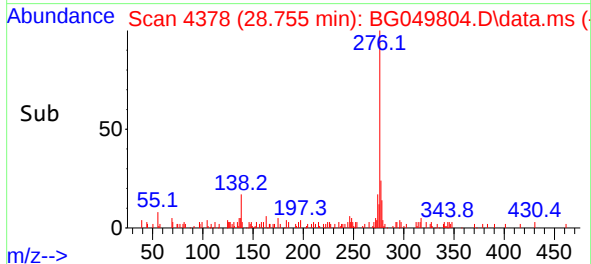
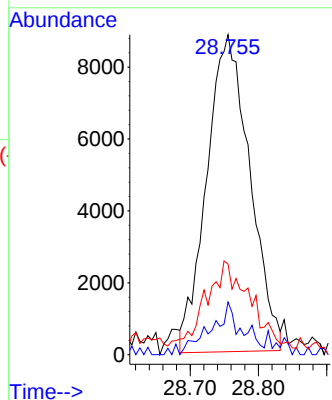
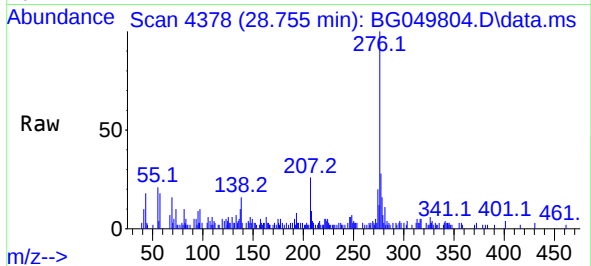
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 3.112 ng/ul
 RT: 28.755 min Scan# 4378
 Delta R.T. 0.018 min
 Lab File: BG049804.D
 Acq: 12 Aug 2021 1:53

Tgt Ion: 276 Resp: 38798
 Ion Ratio Lower Upper
 276 100
 138 16.5 6.6 10.0#
 277 28.3 19.4 29.2

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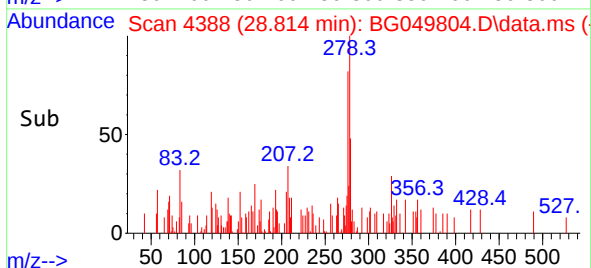
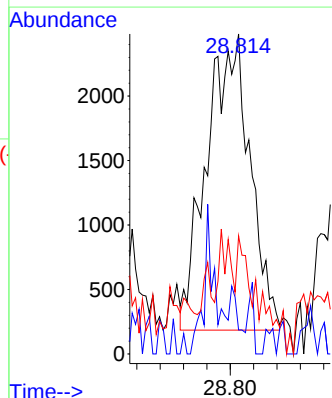
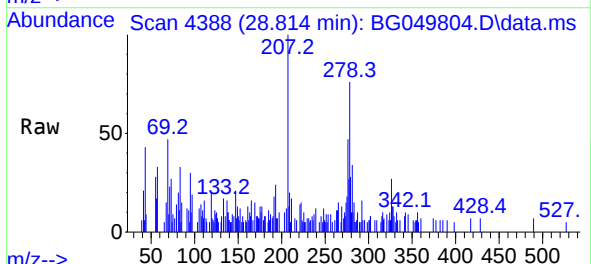
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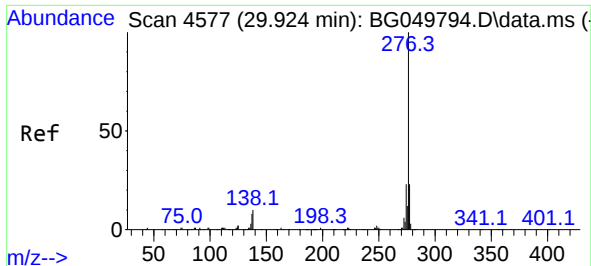
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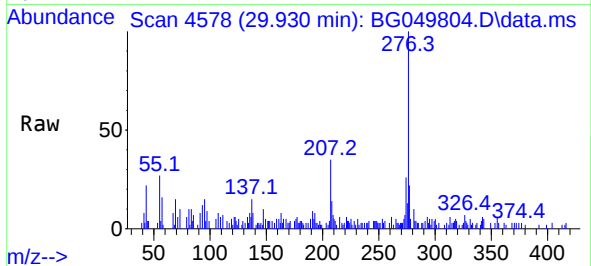
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 Dibenzo(a,h)anthracene
 Concen: 1.137 ng/ul m
 RT: 28.814 min Scan# 4388
 Delta R.T. 0.012 min
 Lab File: BG049804.D
 Acq: 12 Aug 2021 1:53

Tgt Ion: 278 Resp: 11825
 Ion Ratio Lower Upper
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 139 7.5 6.3 9.5
 279 36.9 18.9 28.3#

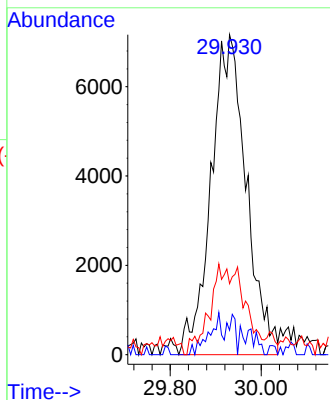
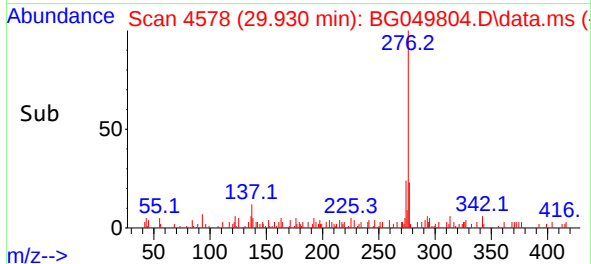




#96
Benzo(g,h,i)perylene
Concen: 3.686 ng/ul m
RT: 29.930 min Scan# 4578
Delta R.T. 0.024 min
Lab File: BG049804.D
Acq: 12 Aug 2021 1:53



Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.6	7.2	10.8
277	22.2	19.5	29.3



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