

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049760.D
 Acq On : 10 Aug 2021 17:05
 Operator : CG/JU
 Sample : M3182-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D4

Manual Integrations
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Quant Time: Aug 10 18:27:22 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	8.038	152	26136	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	108120	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.688	164	76446	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	163179m	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	151415m	20.000	ng/ul	0.00
88) Perylene-d12	24.991	264	159824	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.421	96	1235m	2.209	ng/uL	0.00
4) Pyridine-d5	3.861	84	3632m	2.165	ng/ul	0.02
7) Phenol-d5	7.192	99	27099	11.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	17789	13.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.568	132	22329	13.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	12091	6.685	ng/ul	0.00
21) Nitrobenzene-d5	9.201	128	12229	14.359	ng/ul	0.00
24) 2-Nitrophenol-d4	9.930	143	15172	15.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	24268	13.232	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	17134	6.824	ng/ul	0.00
46) Dimethylphthalate-d6	14.083	166	93922	15.656	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	110388	15.466	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	8458	8.720	ng/ul	0.00
60) Fluorene-d10	15.681	176	81546	15.814	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	12683	11.548	ng/ul	0.00
73) Anthracene-d10	17.537	188	118861	15.431	ng/ul	0.00
81) Pyrene-d10	19.828	212	145244	17.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	134177	15.322	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.905	128	13118	2.323	ng/ul	98
36) 2-Methylnaphthalene	12.514	142	9695	2.242	ng/ul	100
37) 1-Methylnaphthalene	12.737	142	5163	1.227	ng/ul#	70
72) Phenanthrene	17.484	178	48435	5.608	ng/ul	98
80) Fluoranthene	19.493	202	92180	8.953	ng/ul	98
82) Pyrene	19.857	202	74936	7.297	ng/ul	99
83) Butylbenzylphthalate	20.733	149	17211	4.398	ng/ul	95
85) Benzo(a)anthracene	21.696	228	39719m	3.995	ng/ul	
87) Chrysene	21.761	228	47050m	5.068	ng/ul	
90) Benzo(b)fluoranthene	23.946	252	61625	5.899	ng/ul	100
91) Benzo(k)fluoranthene	24.016	252	22205m	2.141	ng/ul	
93) Benzo(a)pyrene	24.839	252	36843	4.006	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.722	276	33864m	2.806	ng/ul	
96) Benzo(g,h,i)perylene	29.891	276	10586m	1.055	ng/ul	

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

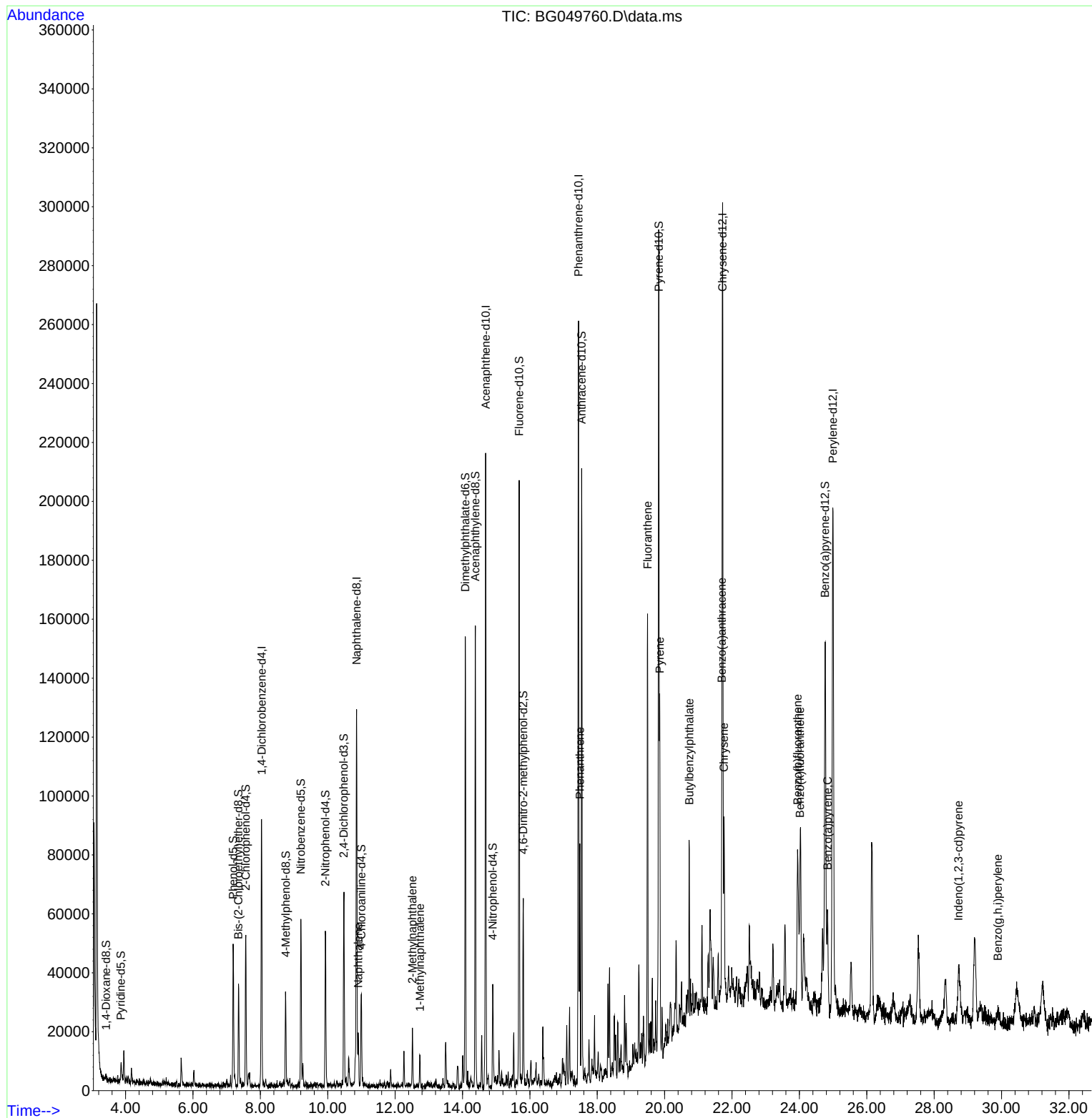
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 Data File : BG049760.D
 Acq On : 10 Aug 2021 17:05
 Operator : CG/JU
 Sample : M3182-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

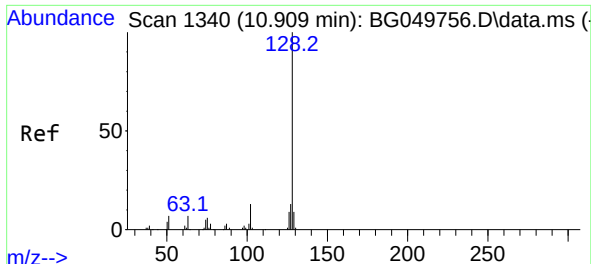
Instrument :
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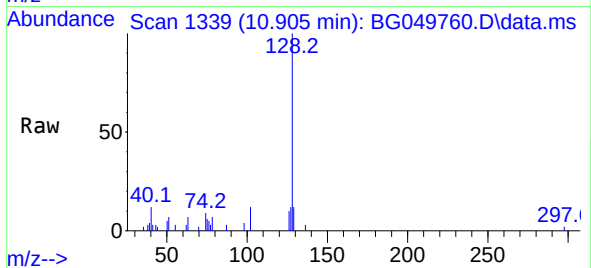
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Quant Time: Aug 10 18:27:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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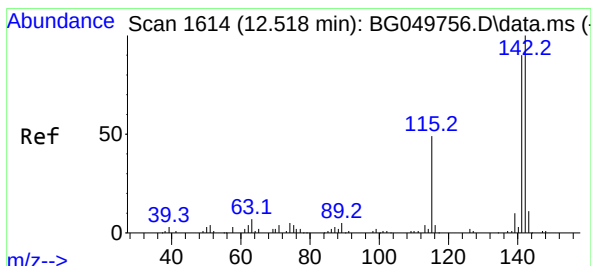
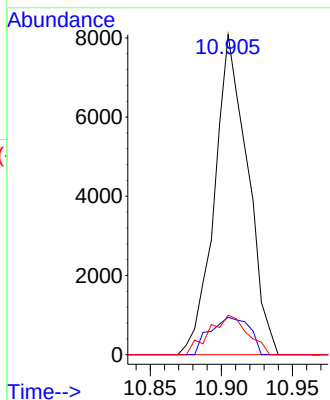
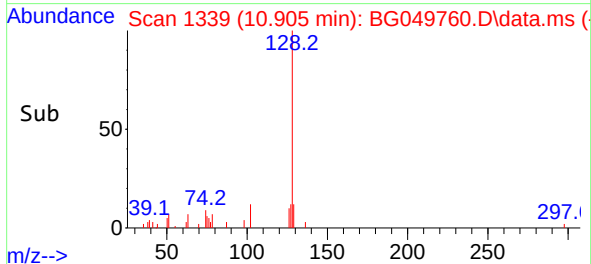




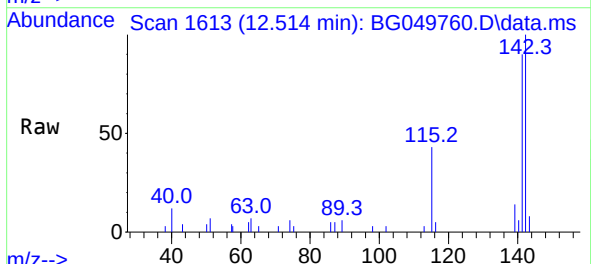
#30
Naphthalene
Concen: 2.323 ng/ul
RT: 10.905 min Scan# 1339
Delta R.T. -0.004 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05



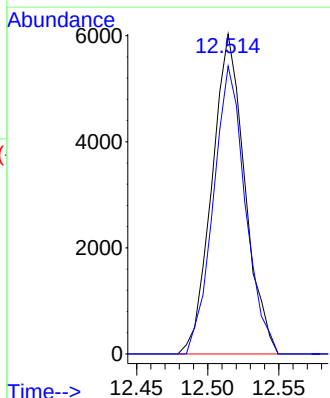
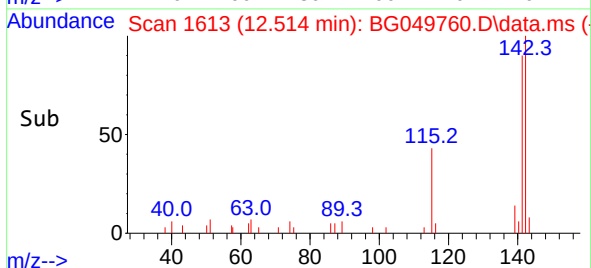
Tgt Ion:128 Resp: 13118
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 12.4 10.6 16.0



#36
2-Methylnaphthalene
Concen: 2.242 ng/ul
RT: 12.514 min Scan# 1613
Delta R.T. -0.004 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05



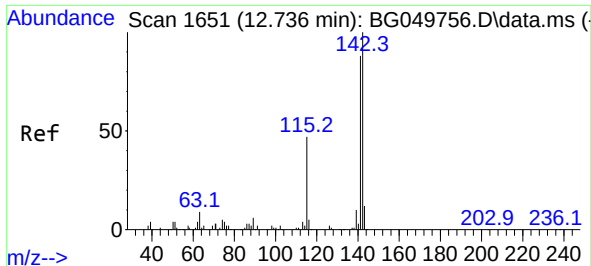
Tgt Ion:142 Resp: 9695
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8



Instrument :
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ClientSampleId :
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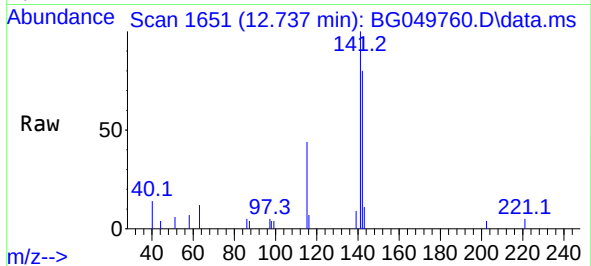
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#37
1-Methylnaphthalene
Concen: 1.227 ng/ul
RT: 12.737 min Scan# 1651
Delta R.T. 0.002 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

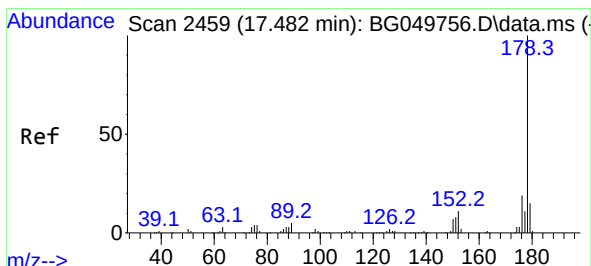
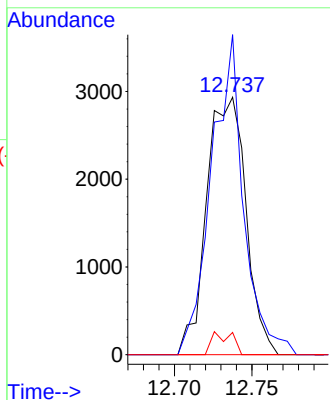
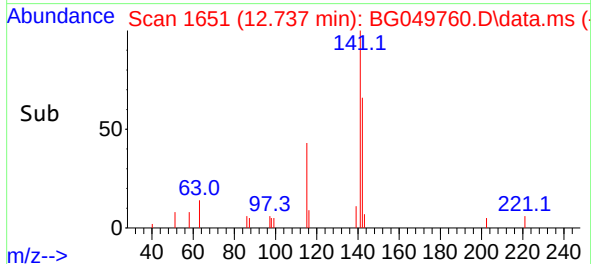
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BNA_G
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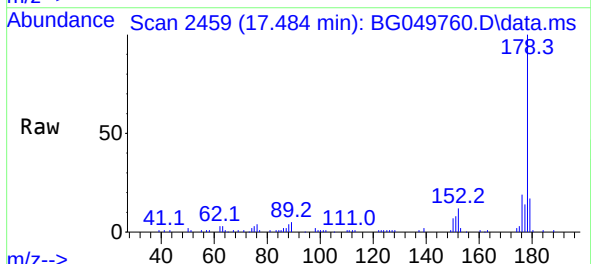
Tgt Ion:142 Resp: 5163
Ion Ratio Lower Upper
142 100
141 124.3 75.4 113.0#
116 8.7 4.2 6.2#

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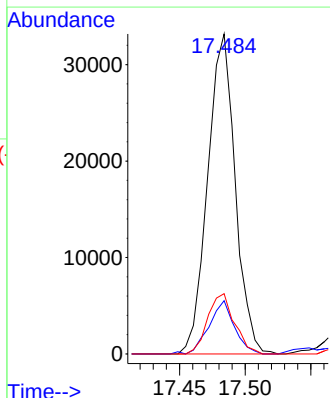
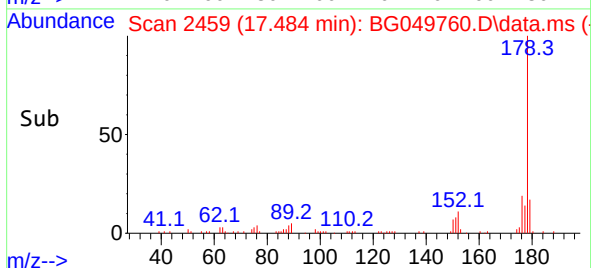
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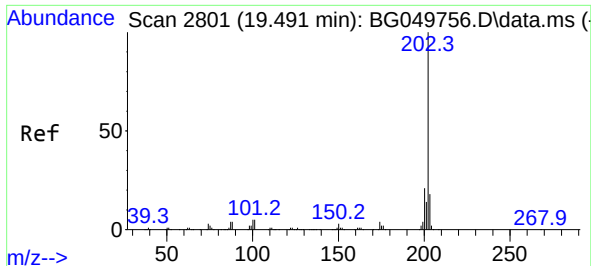


#72
Phenanthrene
Concen: 5.608 ng/ul
RT: 17.484 min Scan# 2459
Delta R.T. 0.002 min
Lab File: BG049760.D
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Tgt Ion:178 Resp: 48435
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 18.8 15.4 23.2





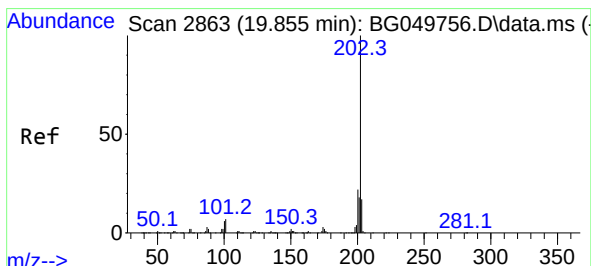
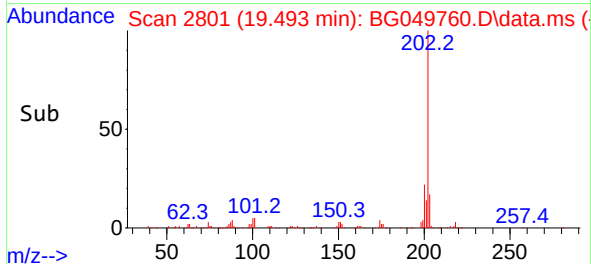
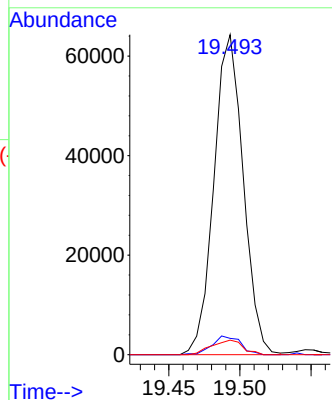
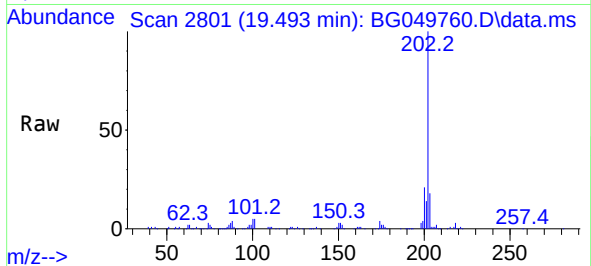
#80
Fluoranthene
Concen: 8.953 ng/u1
RT: 19.493 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

Tgt Ion:	202	Resp:	92180
Ion Ratio	Lower	Upper	
202	100		
101	5.1	4.8	7.2
100	4.6	3.9	5.9

Instrument :
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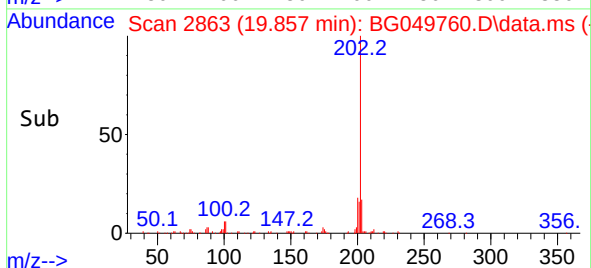
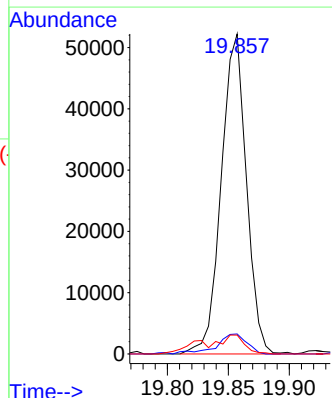
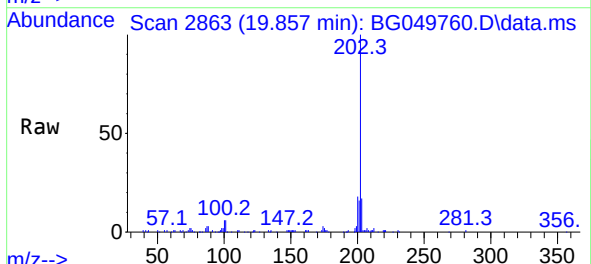
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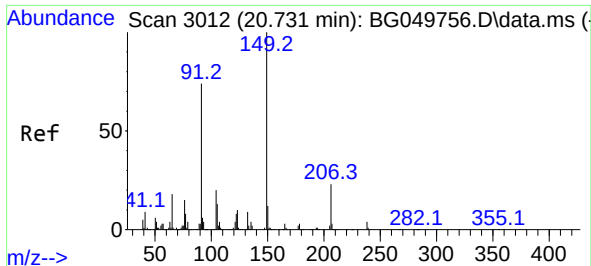
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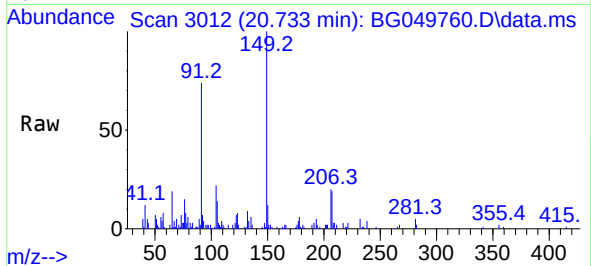
#82
Pyrene
Concen: 7.297 ng/u1
RT: 19.857 min Scan# 2863
Delta R.T. 0.002 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

Tgt Ion:	202	Resp:	74936
Ion Ratio	Lower	Upper	
202	100		
101	6.2	5.2	7.8
100	5.9	4.8	7.2

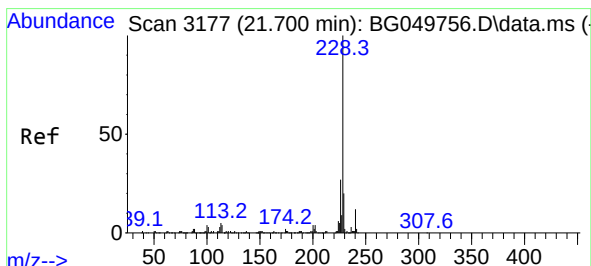
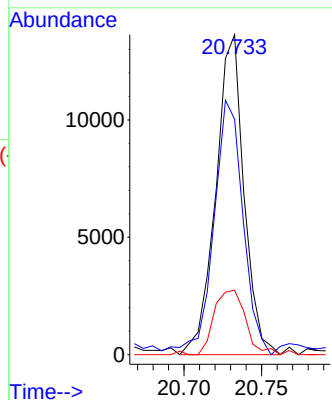
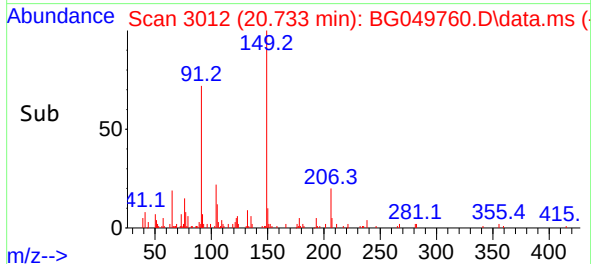




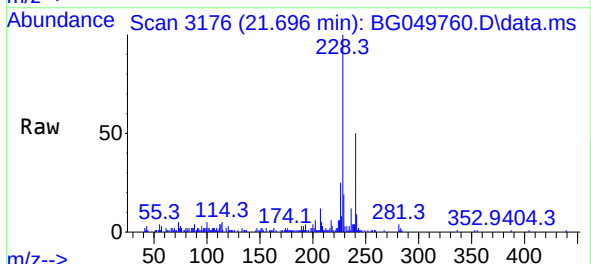
#83
Butylbenzylphthalate
Concen: 4.398 ng/ul
RT: 20.733 min Scan# 3012
Delta R.T. 0.002 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05



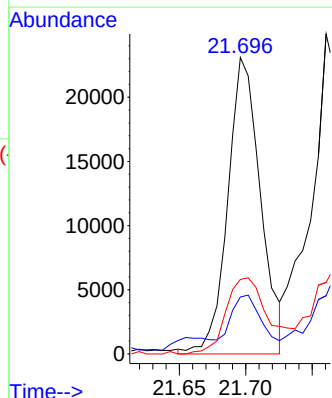
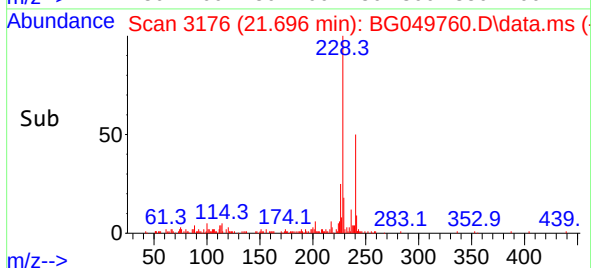
Tgt Ion:149 Resp: 17211
Ion Ratio Lower Upper
149 100
91 73.6 63.1 94.7
206 20.2 17.0 25.4



#85
Benzo(a)anthracene
Concen: 3.995 ng/ul m
RT: 21.696 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05



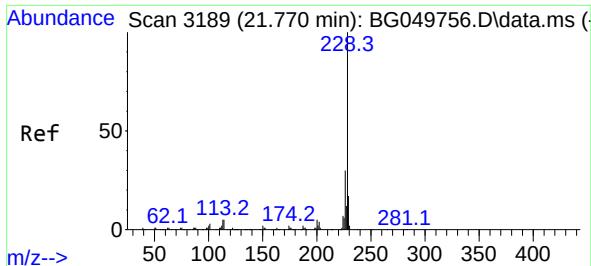
Tgt Ion:228 Resp: 39719
Ion Ratio Lower Upper
228 100
229 19.2 15.3 22.9
226 25.1 21.0 31.6



Instrument :
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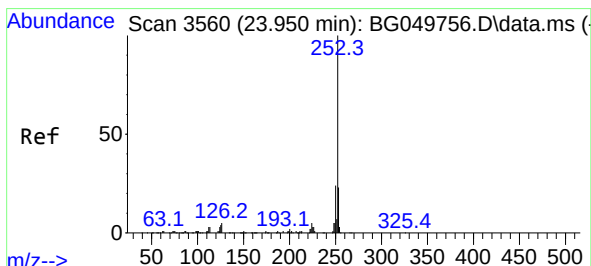
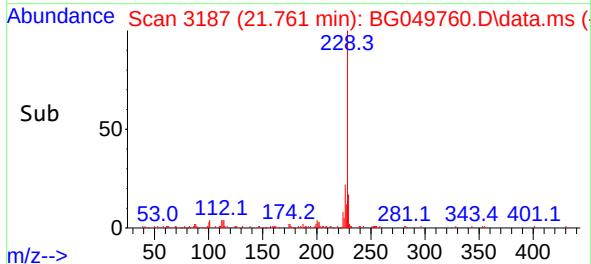
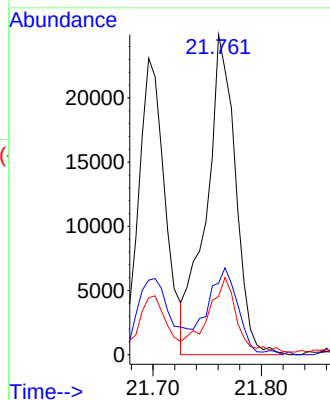
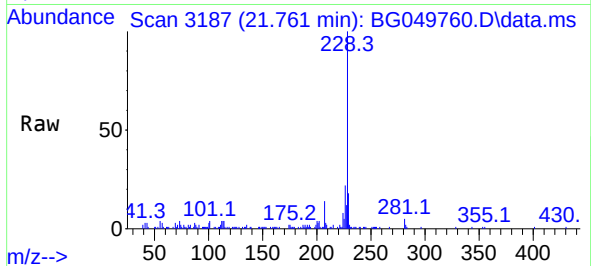
#87
Chrysene
Concen: 5.068 ng/ul m
RT: 21.761 min Scan# 3187
Delta R.T. -0.010 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

Tgt Ion:228 Resp: 47050
Ion Ratio Lower Upper
228 100
226 22.3 24.7 37.1#
229 18.2 15.4 23.2

Instrument :
BNA_G
ClientSampled :
C00D4

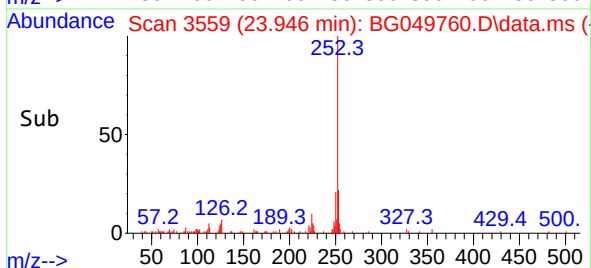
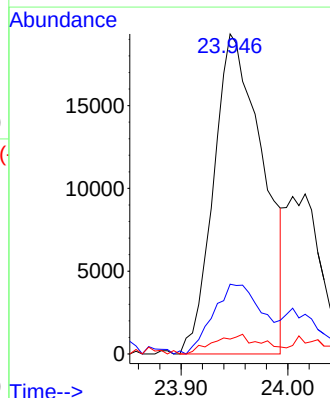
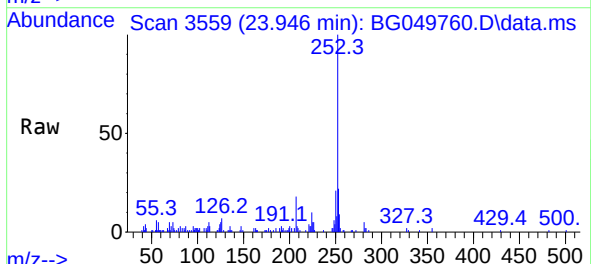
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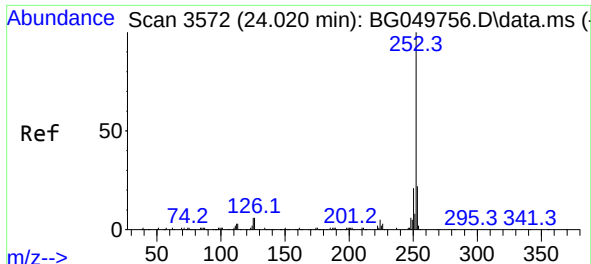
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#90
Benzo(b)fluoranthene
Concen: 5.899 ng/ul
RT: 23.946 min Scan# 3559
Delta R.T. -0.004 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

Tgt Ion:252 Resp: 61625
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.7 3.7 5.5





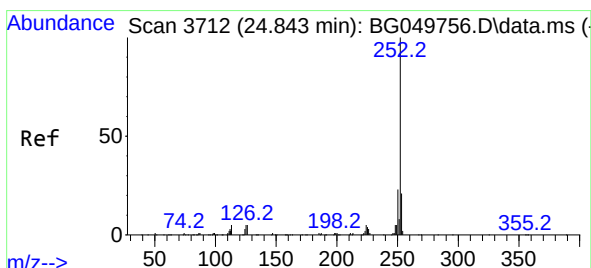
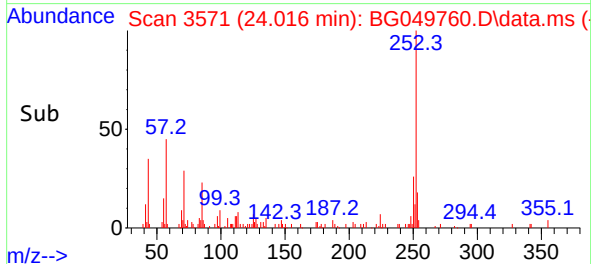
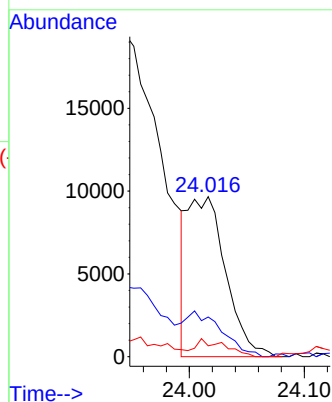
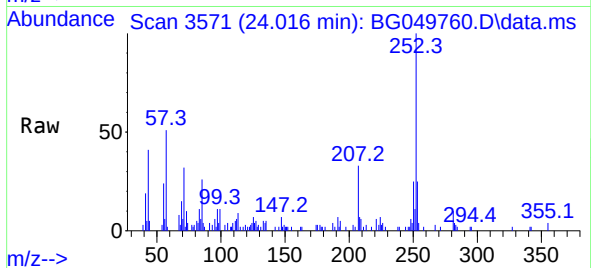
#91
Benzo(k)fluoranthene
Concen: 2.141 ng/ul m
RT: 24.016 min Scan# 3571
Delta R.T. -0.004 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

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Tgt Ion:252 Resp: 22205
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 6.8 3.8 5.8#

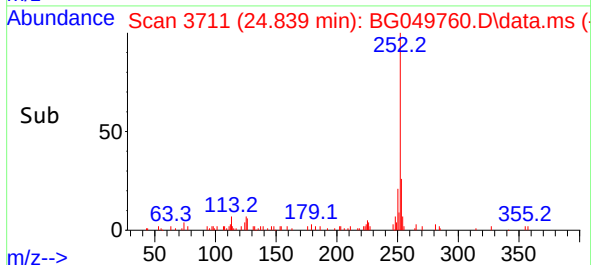
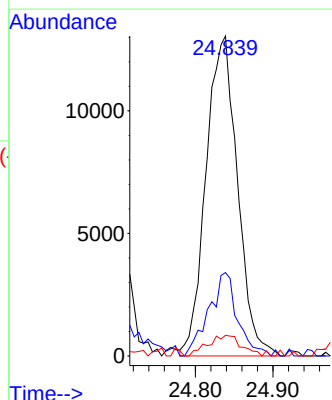
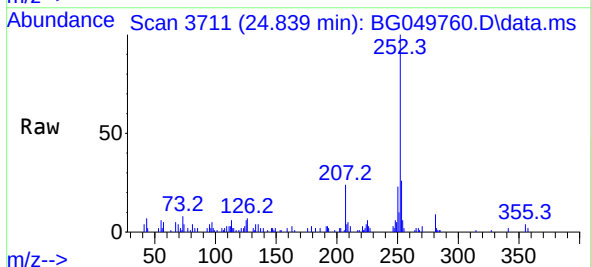
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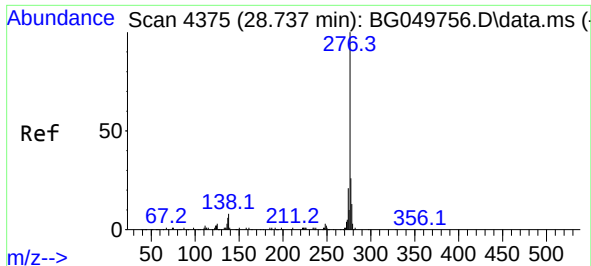
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#93
Benzo(a)pyrene
Concen: 4.006 ng/ul
RT: 24.839 min Scan# 3711
Delta R.T. -0.004 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

Tgt Ion:252 Resp: 36843
Ion Ratio Lower Upper
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253 26.1 17.7 26.5
125 6.4 4.6 7.0





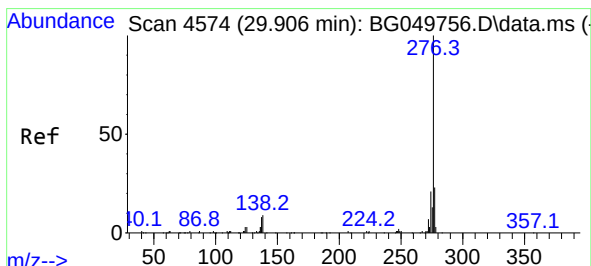
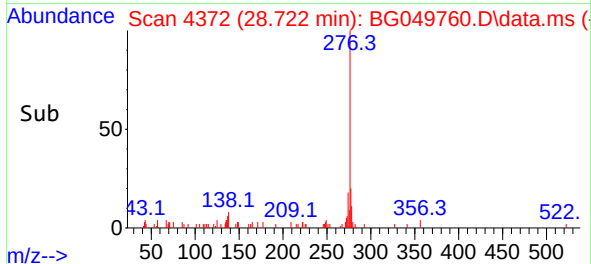
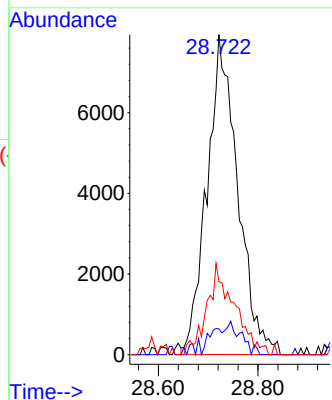
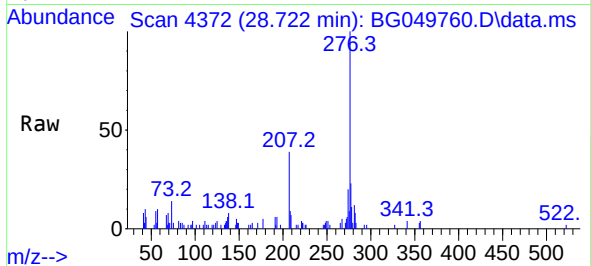
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.806 ng/ul m
RT: 28.722 min Scan# 4372
Delta R.T. -0.016 min
Lab File: BG049760.D
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Tgt Ion:	276	Resp:	33864
Ion Ratio	Lower	Upper	
276	100		
138	8.1	6.6	10.0
277	22.8	19.4	29.2

Instrument :
BNA_G
ClientSampled :
C00D4

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#96
Benzo(g,h,i)perylene
Concen: 1.055 ng/ul m
RT: 29.891 min Scan# 4571
Delta R.T. -0.016 min
Lab File: BG049760.D
Acq: 10 Aug 2021 17:05

Tgt Ion:	276	Resp:	10586
Ion Ratio	Lower	Upper	
276	100		
138	0.0	7.2	10.8#
277	15.1	19.5	29.3#

