

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049764.D
 Acq On : 10 Aug 2021 19:51
 Operator : CG/JU
 Sample : M3182-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D5

Manual Integrations
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Quant Time: Aug 11 03:05:30 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	28079	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	123604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	85400	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	175312	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.718	240	158590	20.000	ng/ul	0.00
88) Perylene-d12	24.995	264	167682	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	1249	2.080	ng/uL	0.00
4) Pyridine-d5	3.848	84	13937	7.733	ng/ul	0.00
7) Phenol-d5	7.196	99	36141	14.182	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	23384	15.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	29550	16.202	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	12977	6.679	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	16534	16.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	20130	18.103	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	31548	15.047	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	29747	10.364	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	114067	17.020	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	134274	16.840	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	15645	14.438	ng/ul	0.00
60) Fluorene-d10	15.679	176	100467	17.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	17676	14.981	ng/ul	0.00
73) Anthracene-d10	17.541	188	130340	15.750	ng/ul	0.00
81) Pyrene-d10	19.826	212	163324	18.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.766	264	152083	16.553	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.853	105	3497m	1.084	ng/ul	
30) Naphthalene	10.909	128	43659	6.764	ng/ul	98
36) 2-Methylnaphthalene	12.512	142	31621	6.398	ng/ul	97
37) 1-Methylnaphthalene	12.736	142	14500	3.015	ng/ul	93
43) 1,1'-Biphenyl	13.517	154	10439	1.641	ng/ul#	84
56) Dibenzofuran	15.085	168	11858	1.591	ng/ul	99
72) Phenanthrene	17.482	178	85660	9.232	ng/ul	96
80) Fluoranthene	19.491	202	79684	7.389	ng/ul	98
82) Pyrene	19.855	202	63242	5.880	ng/ul	99
85) Benzo(a)anthracene	21.700	228	38556	3.703	ng/ul	94
87) Chrysene	21.770	228	41797	4.298	ng/ul	93
90) Benzo(b)fluoranthene	23.950	252	40126	3.661	ng/ul#	93
91) Benzo(k)fluoranthene	24.009	252	13952m	1.282	ng/ul	
93) Benzo(a)pyrene	24.843	252	23035	2.387	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.743	276	18499m	1.461	ng/ul	

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

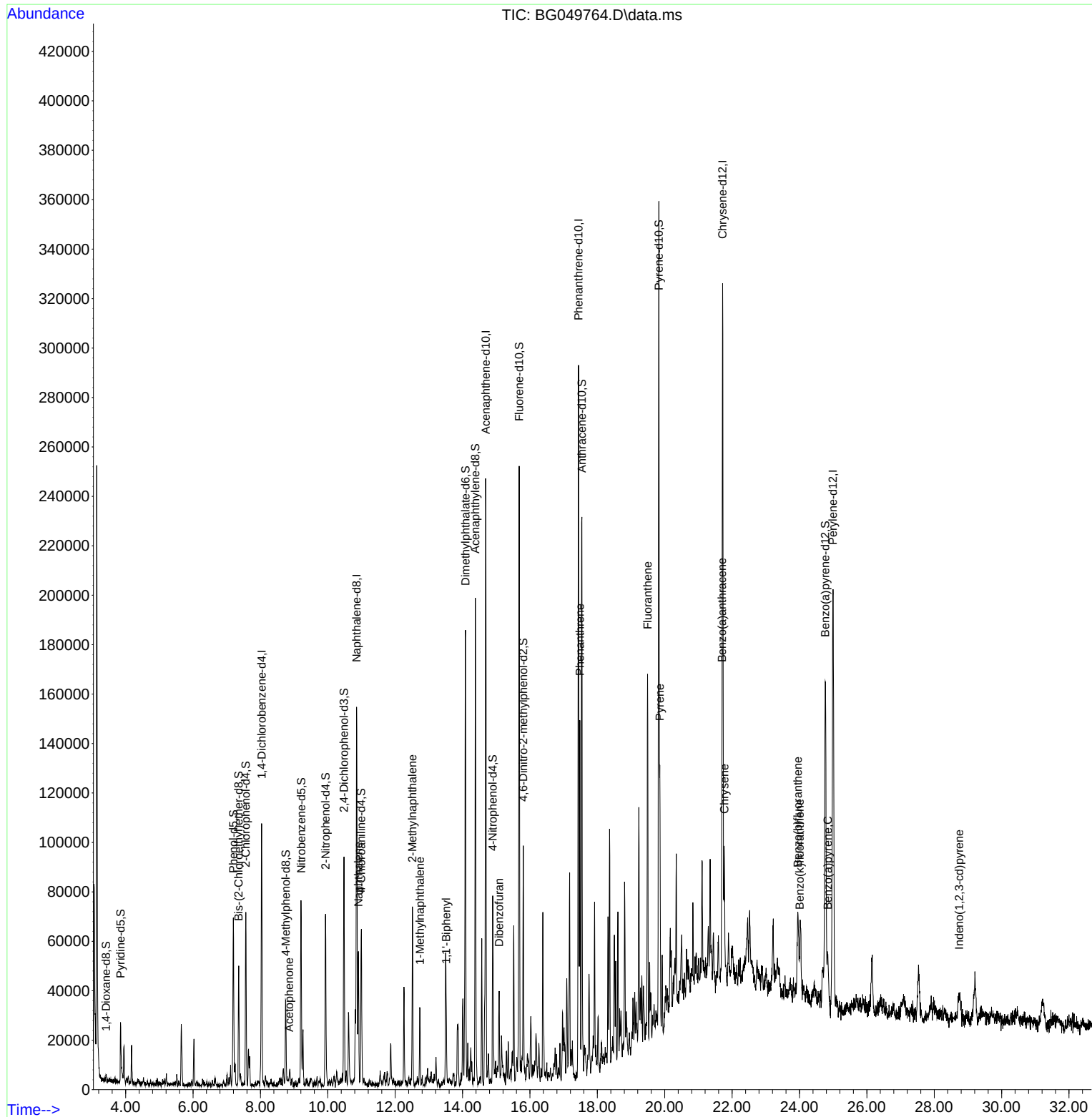
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Data File : BG049764.D
Acq On : 10 Aug 2021 19:51
Operator : CG/JU
Sample : M3182-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

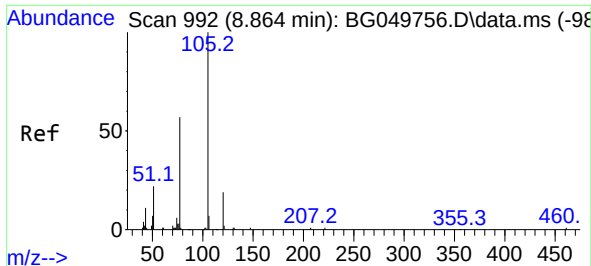
Instrument :
BNA_G
ClientSampleId :
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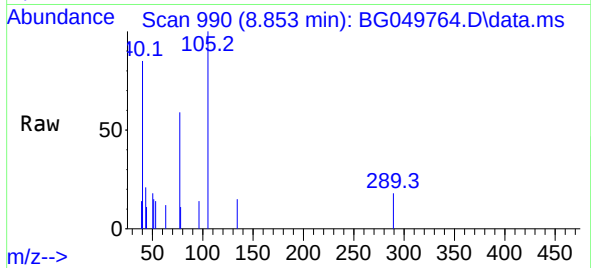
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.084 ng/ul m
RT: 8.853 min Scan# 990
Delta R.T. -0.012 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

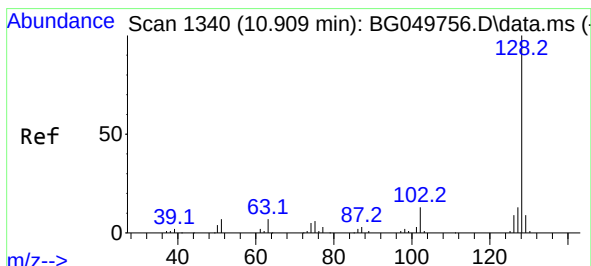
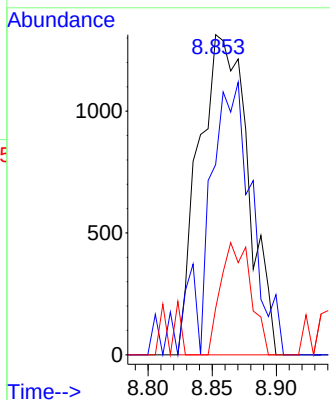
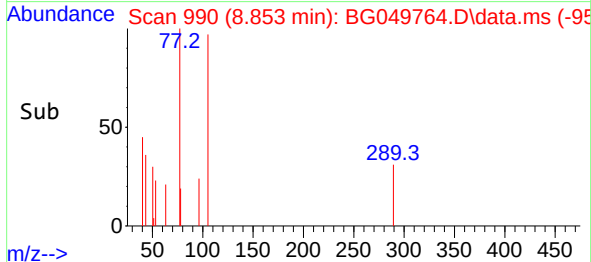
Instrument :
BNA_G
ClientSampled :
C00D5



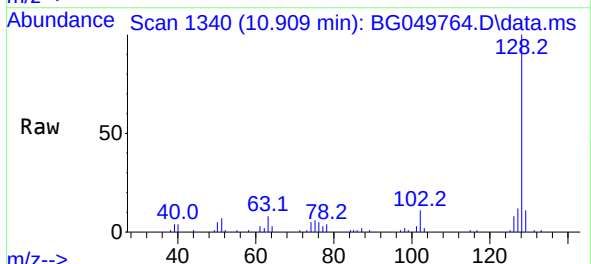
Tgt Ion:105 Resp: 3497
Ion Ratio Lower Upper
105 100
77 59.4 70.4 105.6#
51 14.5 25.1 37.7#

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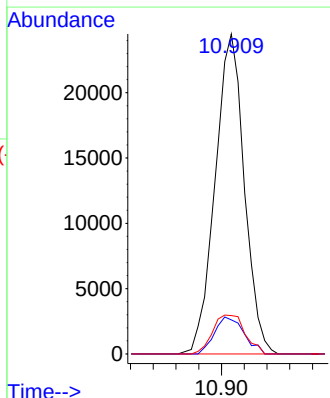
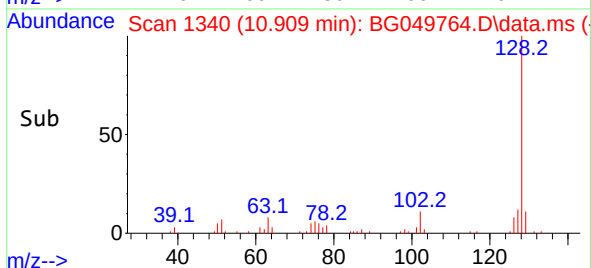
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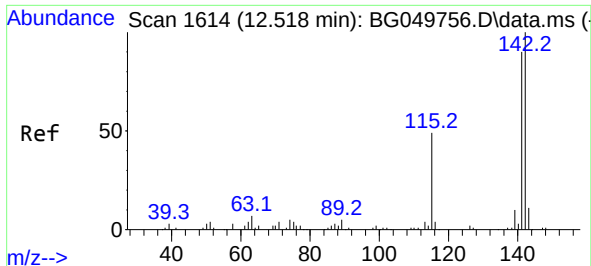


#30
Naphthalene
Concen: 6.764 ng/ul
RT: 10.909 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51



Tgt Ion:128 Resp: 43659
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.0 10.6 16.0





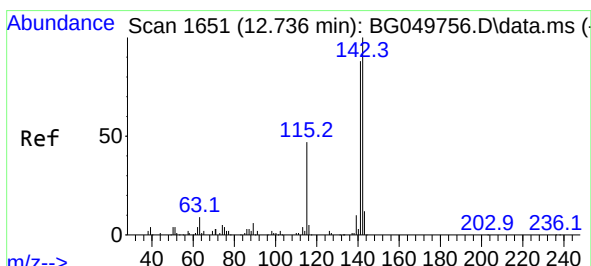
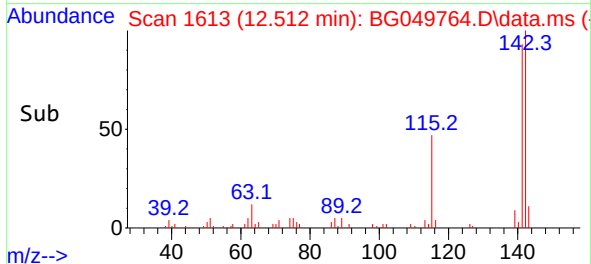
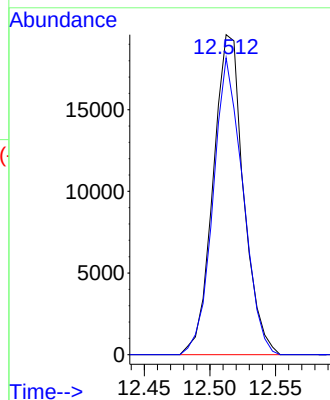
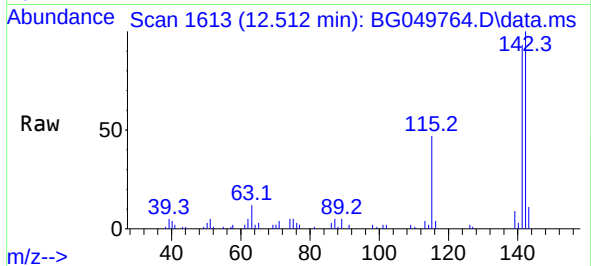
#36
2-Methylnaphthalene
Concen: 6.398 ng/ul
RT: 12.512 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

Instrument :
BNA_G
ClientSampled :
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Tgt Ion:142 Resp: 31621
Ion Ratio Lower Upper
142 100
141 92.8 71.8 107.8

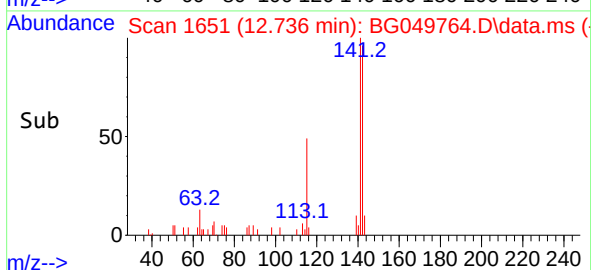
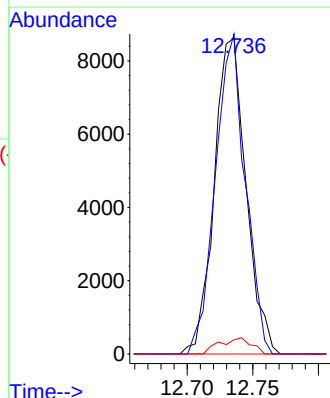
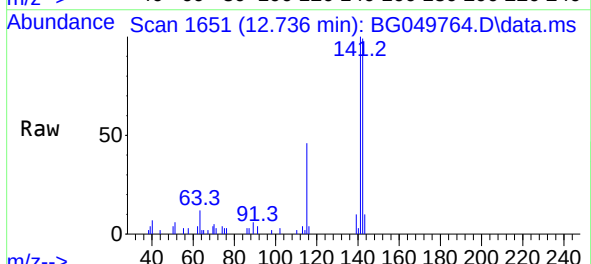
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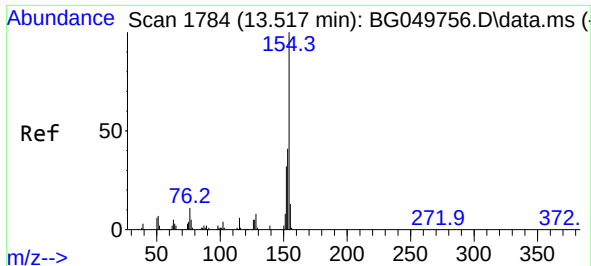
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#37
1-Methylnaphthalene
Concen: 3.015 ng/ul
RT: 12.736 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

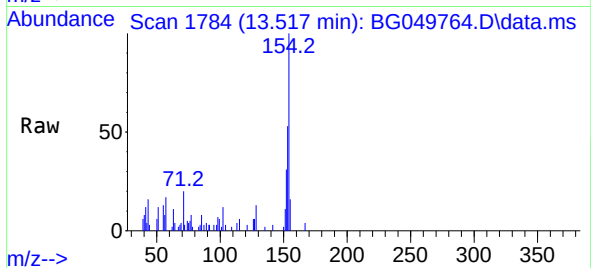
Tgt Ion:142 Resp: 14500
Ion Ratio Lower Upper
142 100
141 101.3 75.4 113.0
116 4.5 4.2 6.2





#43
1,1'-Biphenyl
Concen: 1.641 ng/ul
RT: 13.517 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

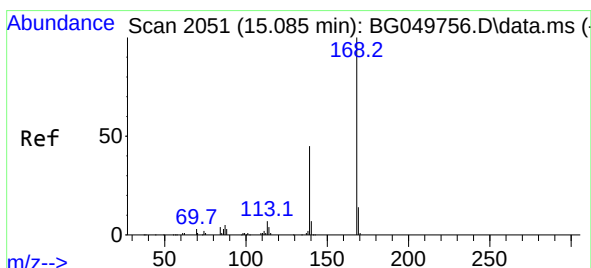
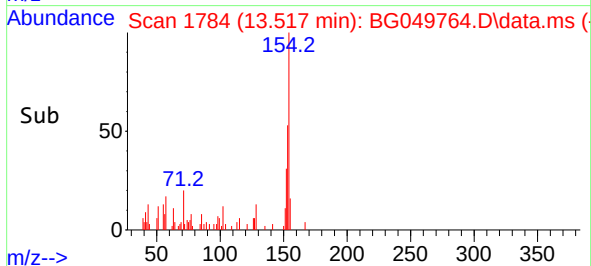
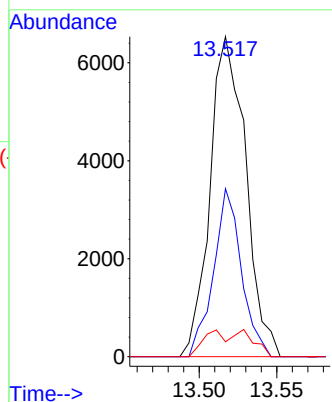
Instrument :
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ClientSampled :
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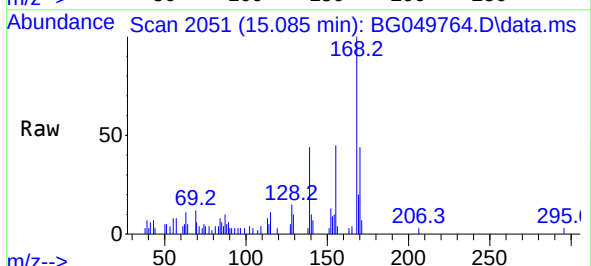
Tgt Ion:154 Resp: 10439
Ion Ratio Lower Upper
154 100
153 52.5 34.1 51.1#
76 4.7 8.6 12.8#

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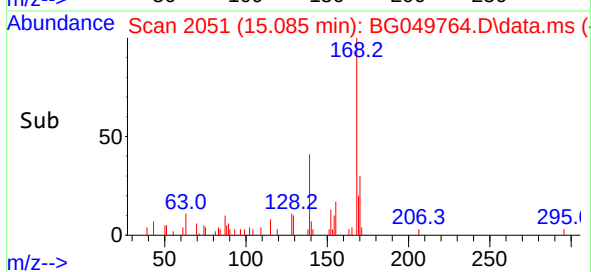
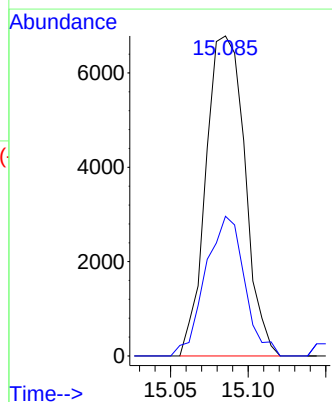
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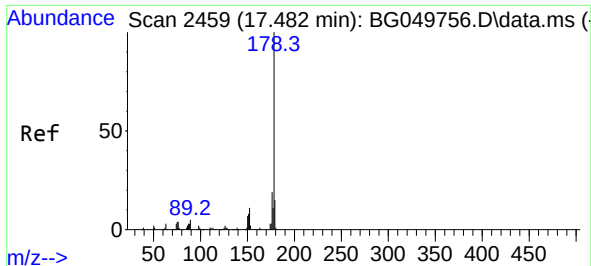


#56
Dibenzofuran
Concen: 1.591 ng/ul
RT: 15.085 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51



Tgt Ion:168 Resp: 11858
Ion Ratio Lower Upper
168 100
139 43.6 34.6 52.0





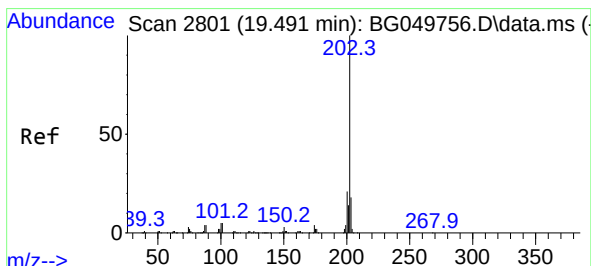
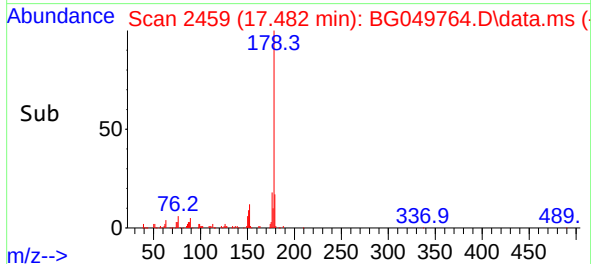
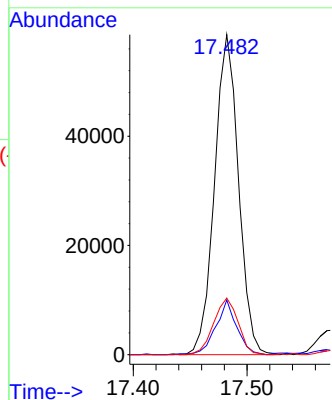
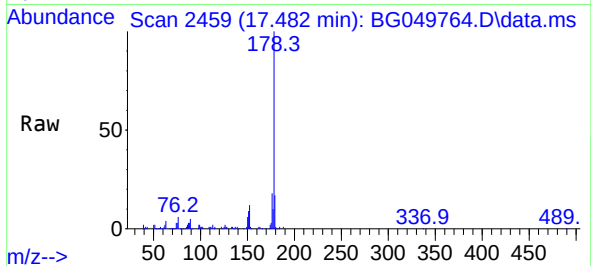
#72
Phenanthrene
Concen: 9.232 ng/ul
RT: 17.482 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.4	18.6
176	17.7	15.4	23.2

Instrument :
BNA_G
ClientSampled :
C00D5

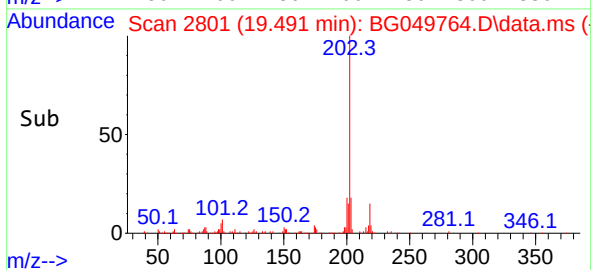
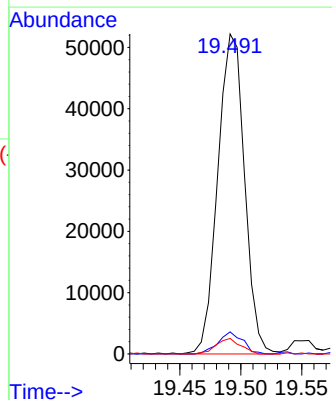
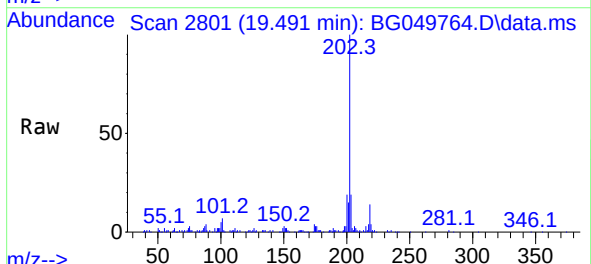
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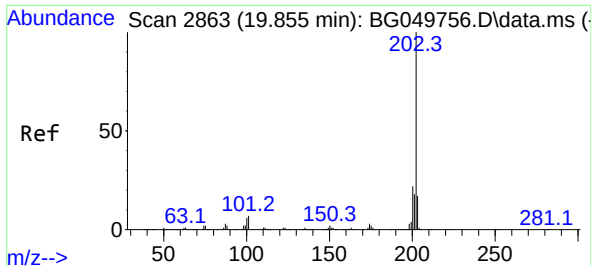
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#80
Fluoranthene
Concen: 7.389 ng/ul
RT: 19.491 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.8	7.2
100	4.8	3.9	5.9





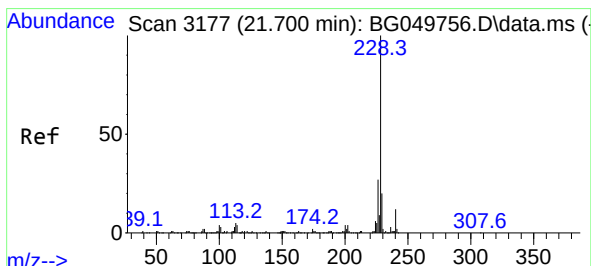
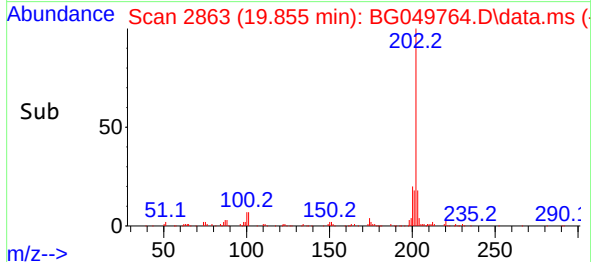
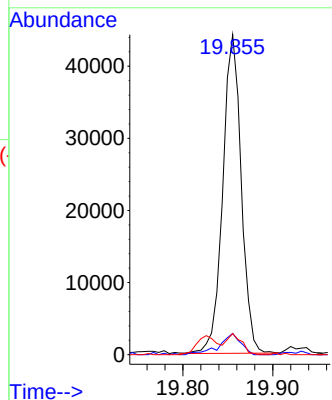
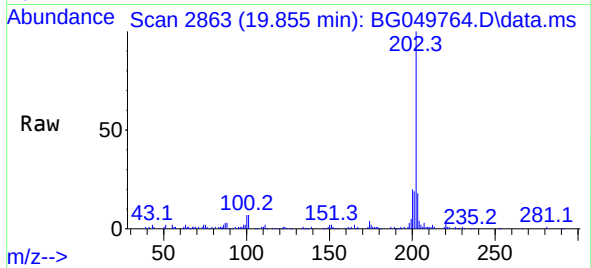
#82
Pyrene
Concen: 5.880 ng/u1
RT: 19.855 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

Tgt Ion:202 Resp: 63242
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 6.6 4.8 7.2

Instrument :
BNA_G
ClientSampled :
C00D5

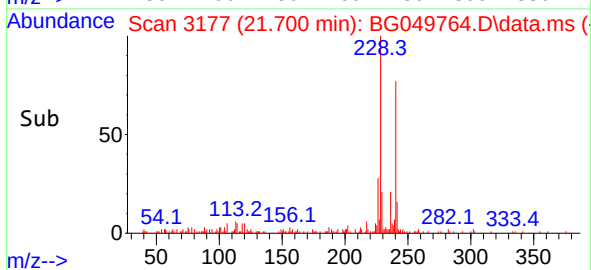
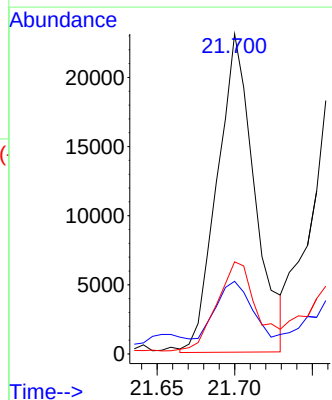
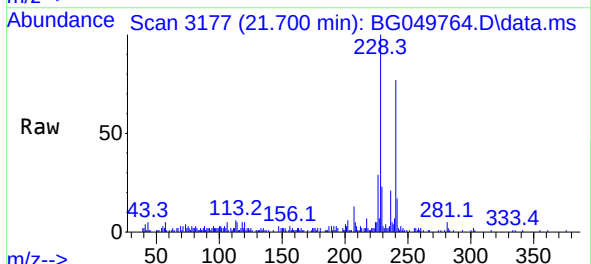
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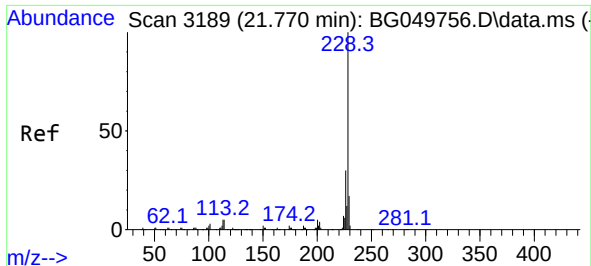
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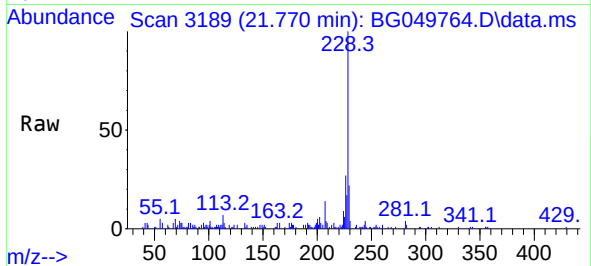
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Benzo(a)anthracene
Concen: 3.703 ng/u1
RT: 21.700 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

Tgt Ion:228 Resp: 38556
Ion Ratio Lower Upper
228 100
229 22.7 15.3 22.9
226 28.8 21.0 31.6

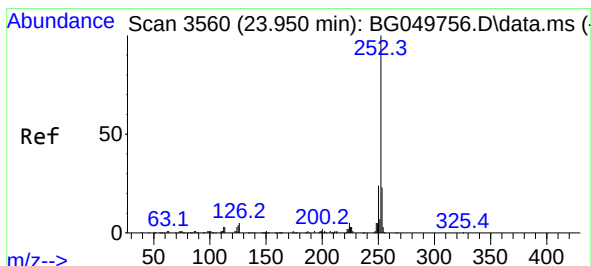
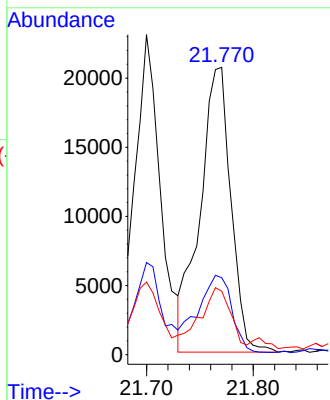
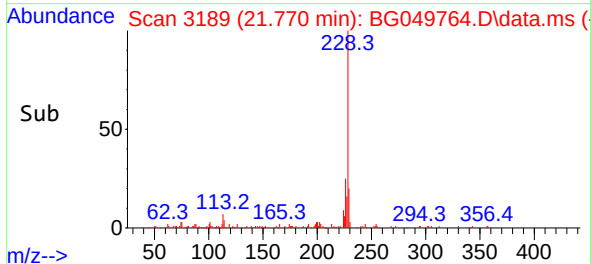




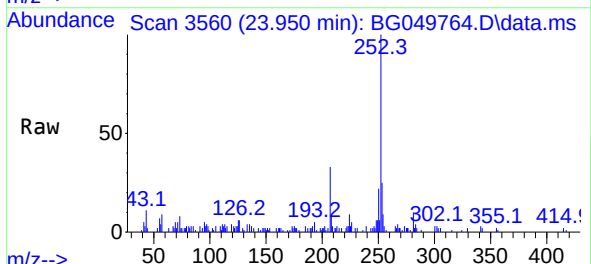
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Chrysene
Concen: 4.298 ng/ul
RT: 21.770 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51



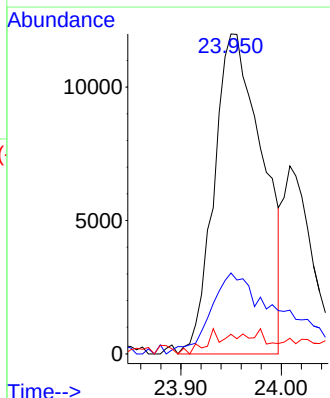
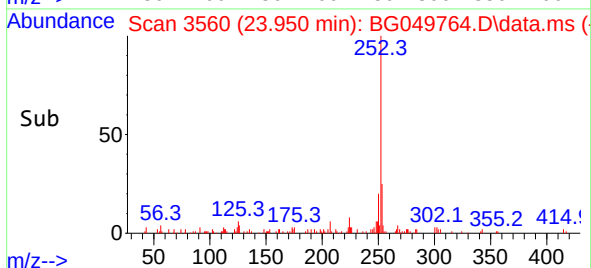
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Ion Ratio Lower Upper
228 100
226 26.8 24.7 37.1
229 22.1 15.4 23.2



#90
Benzo(b)fluoranthene
Concen: 3.661 ng/ul
RT: 23.950 min Scan# 3560
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51



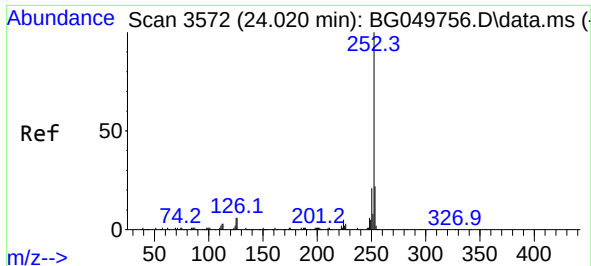
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Ion Ratio Lower Upper
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253 25.3 17.4 26.2
125 6.2 3.7 5.5#



Instrument :
BNA_G
ClientSampleId :
C00D5

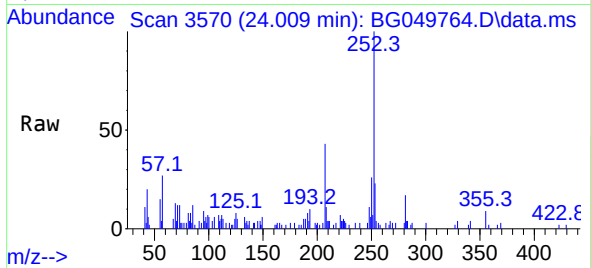
Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 1.282 ng/ul m
RT: 24.009 min Scan# 3570
Delta R.T. -0.012 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51

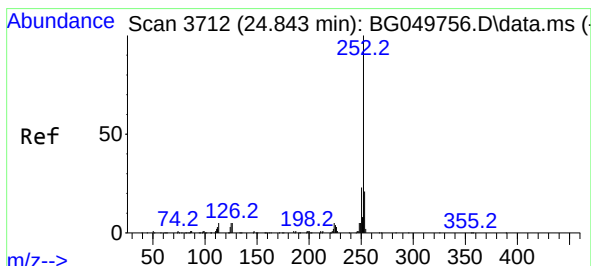
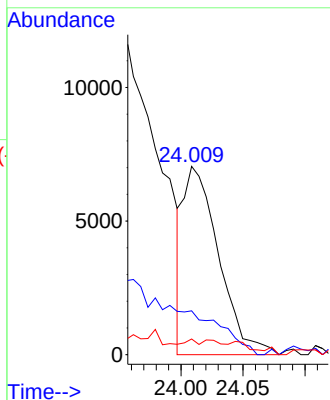
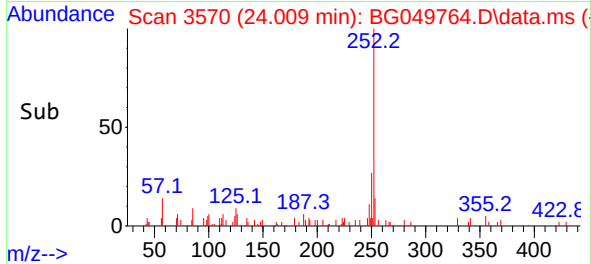
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BNA_G
ClientSampled :
C00D5



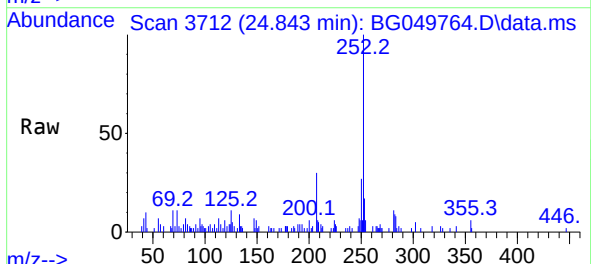
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Ion Ratio Lower Upper
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253 23.3 17.8 26.8
125 8.3 3.8 5.8#

Manual Integrations
APPROVED

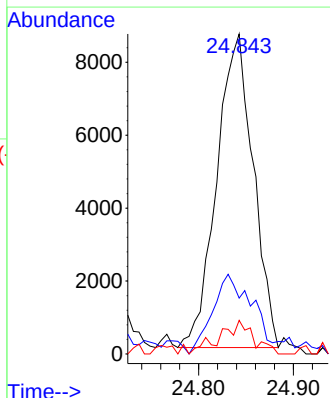
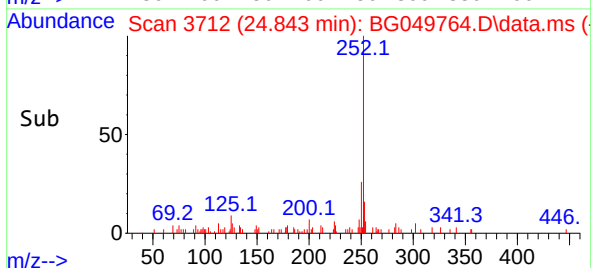
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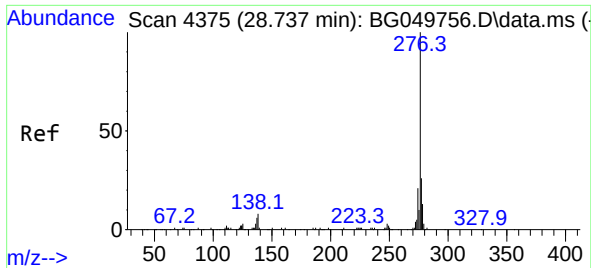


#93
Benzo(a)pyrene
Concen: 2.387 ng/ul
RT: 24.843 min Scan# 3712
Delta R.T. 0.000 min
Lab File: BG049764.D
Acq: 10 Aug 2021 19:51



Tgt Ion:252 Resp: 23035
Ion Ratio Lower Upper
252 100
253 17.4 17.7 26.5#
125 10.5 4.6 7.0#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.461 ng/ul m
 RT: 28.743 min Scan# 4376
 Delta R.T. 0.006 min
 Lab File: BG049764.D
 Acq: 10 Aug 2021 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.7	6.6	10.0#
277	28.1	19.4	29.2

Instrument :
 BNA_G
 ClientSampleId :
 C00D5

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