

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049775.D
 Acq On : 11 Aug 2021 4:06
 Operator : CG/JU
 Sample : M3182-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C6

Manual Integrations
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mohammad
 8/11/2021 9:34:03 PM

Quant Time: Aug 11 05:03:32 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	8.033	152	33884	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	138229	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.688	164	94533	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.437	188	185896	20.000	ng/ul	0.00
79) Chrysene-d12	21.720	240	165481	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	171381	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.421	96	2113m	2.916	ng/uL	0.00
4) Pyridine-d5	3.850	84	11979	5.508	ng/ul	0.00
7) Phenol-d5	7.192	99	43189	14.044	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	28185	15.956	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	35190	15.988	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	24056	10.260	ng/ul	0.00
21) Nitrobenzene-d5	9.202	128	19897	18.273	ng/ul	0.00
24) 2-Nitrophenol-d4	9.936	143	23114	18.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	37924	16.174	ng/ul	0.00
31) 4-Chloroaniline-d4	10.993	131	25914	8.073	ng/ul	0.00
46) Dimethylphthalate-d6	14.083	166	129353	17.437	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	155022	17.564	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	15075	12.568	ng/ul	0.00
60) Fluorene-d10	15.681	176	111022	17.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	18642	14.900	ng/ul	0.00
73) Anthracene-d10	17.537	188	150992	17.207	ng/ul	0.00
81) Pyrene-d10	19.828	212	176558	19.364	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	167157	17.800	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.905	128	11444	1.585	ng/ul#	94
36) 2-Methylnaphthalene	12.515	142	9797	1.772	ng/ul	95
37) 1-Methylnaphthalene	12.732	142	5691	1.058	ng/ul#	88
72) Phenanthrene	17.484	178	58126	5.908	ng/ul	97
80) Fluoranthene	19.493	202	90912	8.079	ng/ul#	96
82) Pyrene	19.858	202	73377	6.538	ng/ul	99
85) Benzo(a)anthracene	21.702	228	44384	4.085	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.591	149	8483	1.354	ng/ul	99
87) Chrysene	21.767	228	45919m	4.525	ng/ul	
90) Benzo(b)fluoranthene	23.952	252	55649	4.968	ng/ul#	99
91) Benzo(k)fluoranthene	24.017	252	22267m	2.002	ng/ul	
93) Benzo(a)pyrene	24.833	252	34776	3.527	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.740	276	29322m	2.266	ng/ul	

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

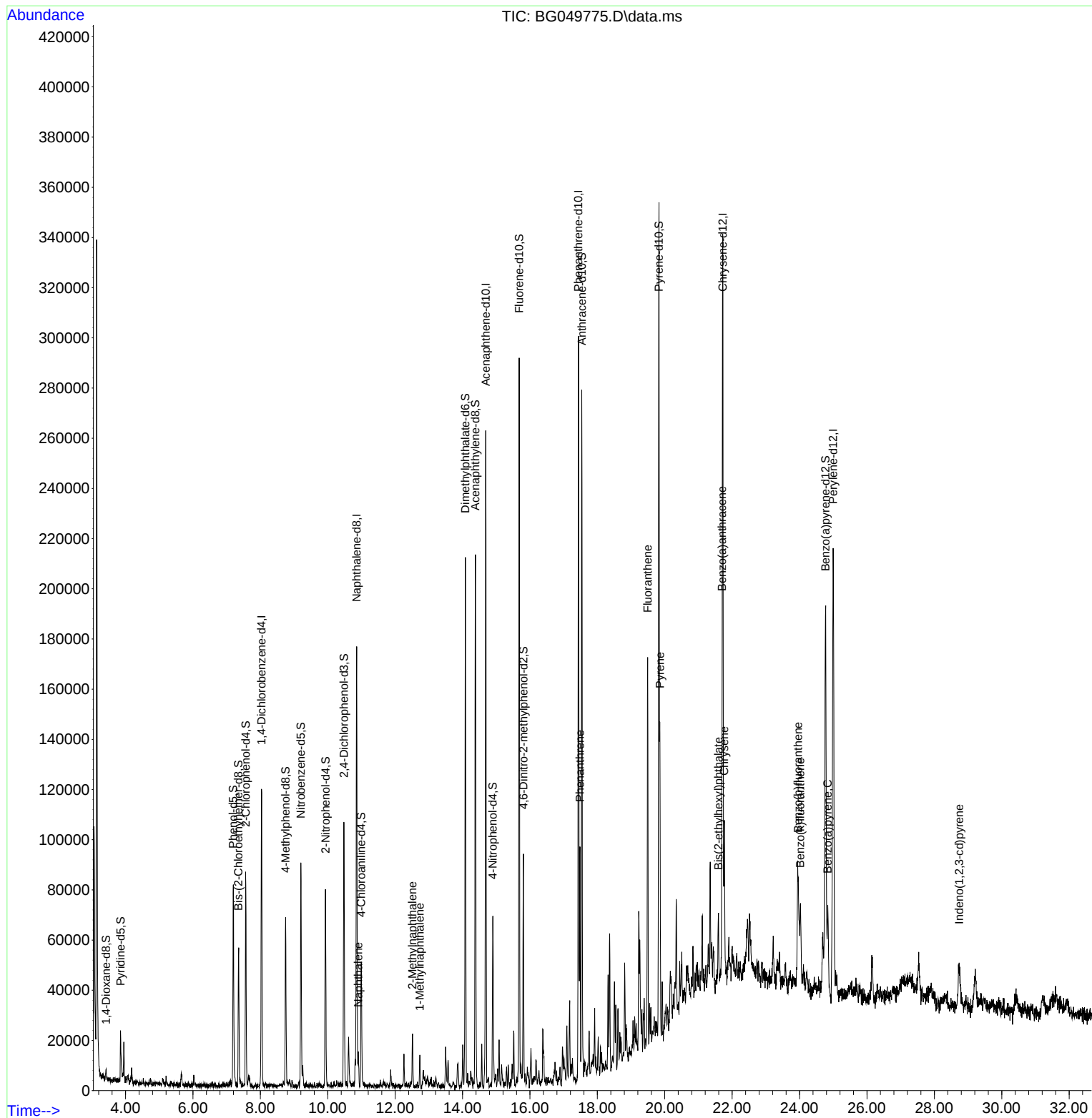
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 Data File : BG049775.D
 Acq On : 11 Aug 2021 4:06
 Operator : CG/JU
 Sample : M3182-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

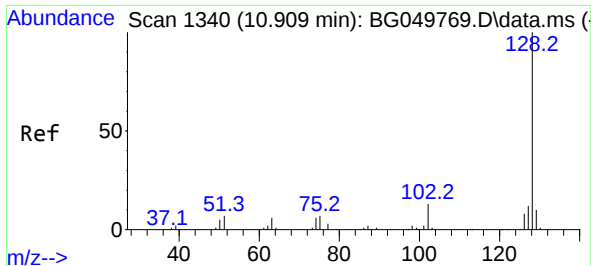
Instrument :
 BNA_G
 ClientSampleId :
 C00C6

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Quant Time: Aug 11 05:03:32 2021
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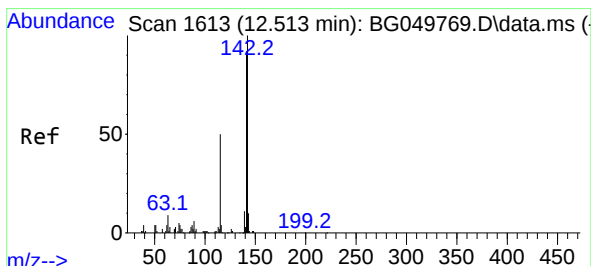
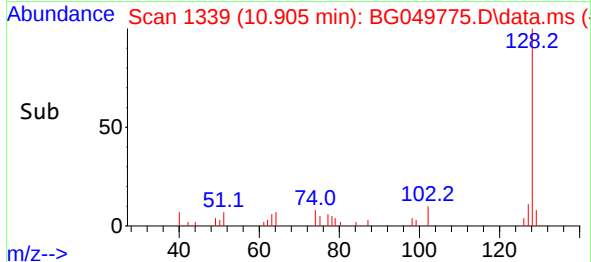
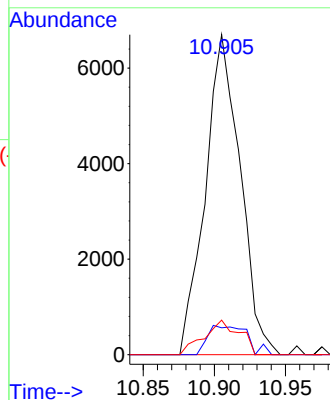
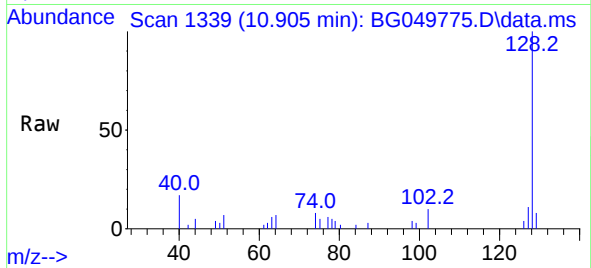
#30
Naphthalene
Concen: 1.585 ng/ul
RT: 10.905 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

Tgt Ion:128 Resp: 11444
Ion Ratio Lower Upper
128 100
129 8.4 8.7 13.1#
127 10.8 10.6 16.0

Instrument :
BNA_G
ClientSampleId :
C00C6

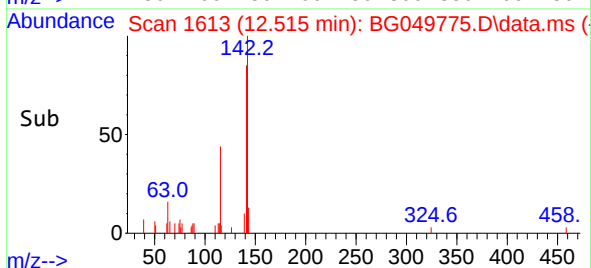
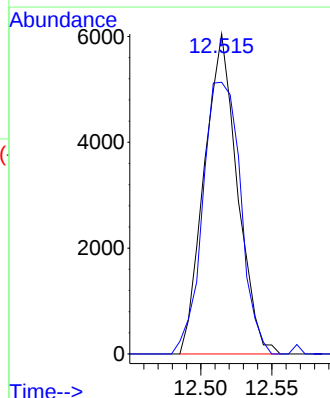
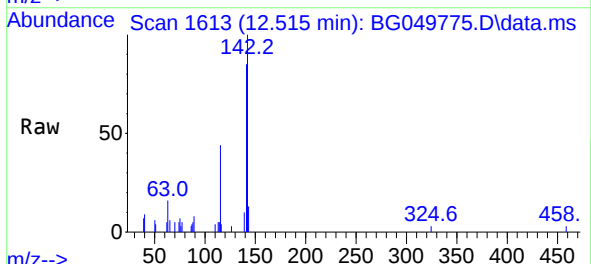
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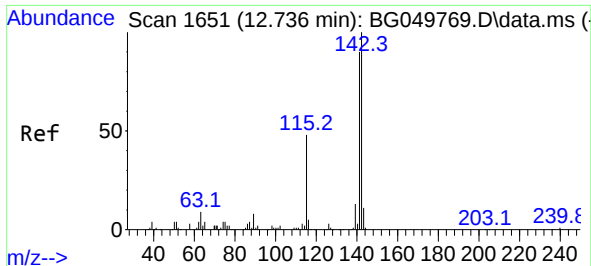
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#36
2-Methylnaphthalene
Concen: 1.772 ng/ul
RT: 12.515 min Scan# 1613
Delta R.T. -0.003 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

Tgt Ion:142 Resp: 9797
Ion Ratio Lower Upper
142 100
141 84.9 71.8 107.8





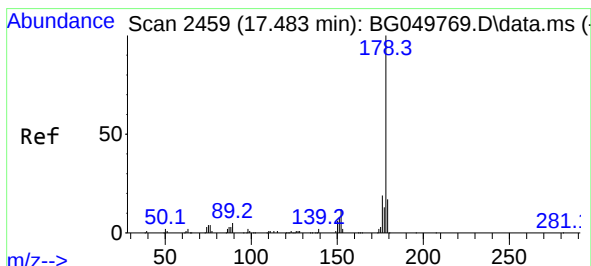
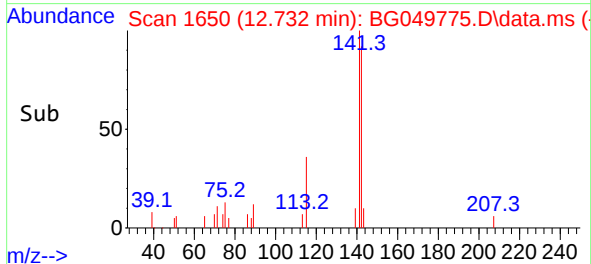
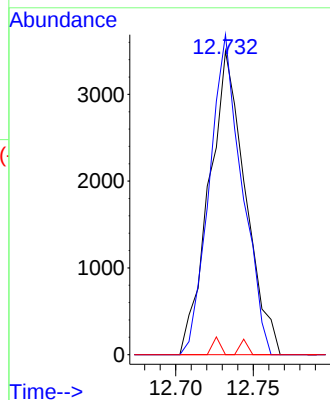
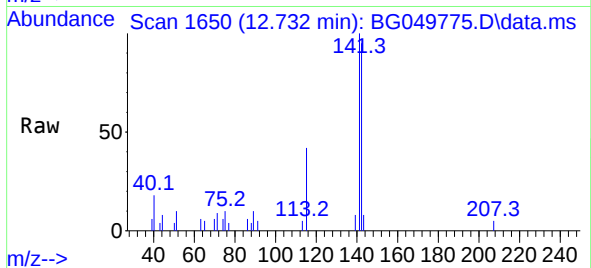
#37
1-Methylnaphthalene
Concen: 1.058 ng/ul
RT: 12.732 min Scan# 1650
Delta R.T. -0.003 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

Instrument :
BNA_G
ClientSampled :
C00C6

Tgt Ion:142 Resp: 5691
Ion Ratio Lower Upper
142 100
141 105.4 75.4 113.0
116 0.0 4.2 6.2#

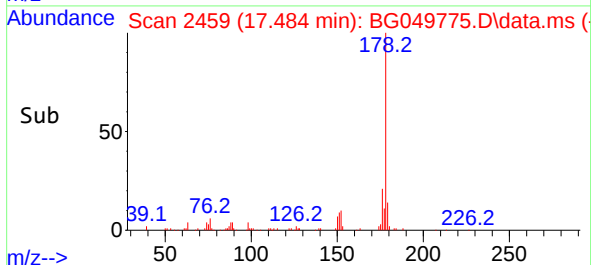
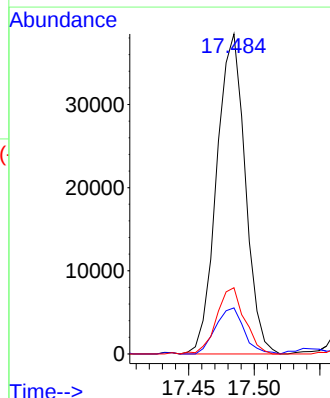
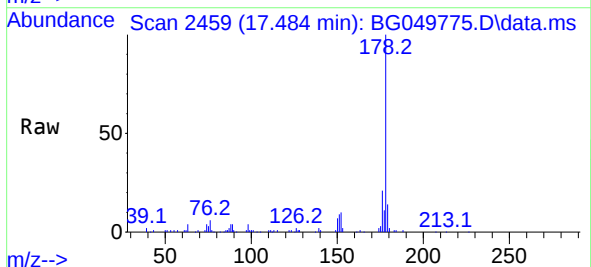
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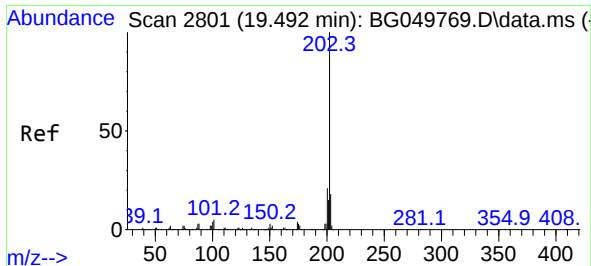
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#72
Phenanthrene
Concen: 5.908 ng/ul
RT: 17.484 min Scan# 2459
Delta R.T. 0.002 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

Tgt Ion:178 Resp: 58126
Ion Ratio Lower Upper
178 100
179 14.4 12.4 18.6
176 20.7 15.4 23.2





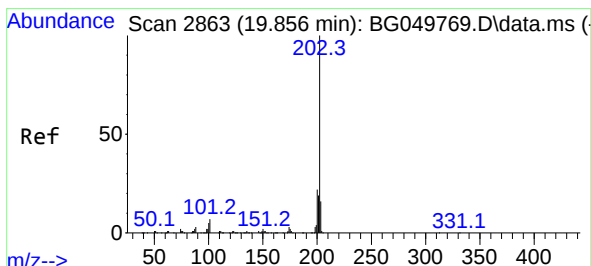
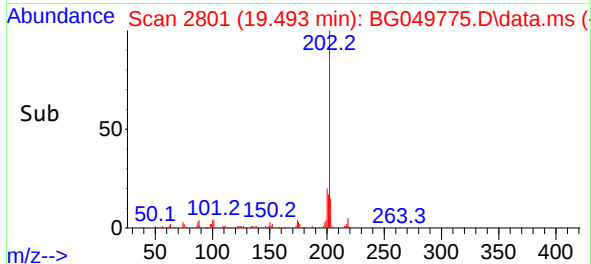
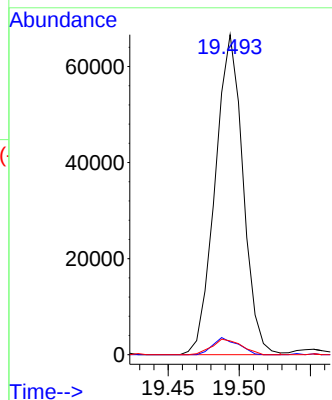
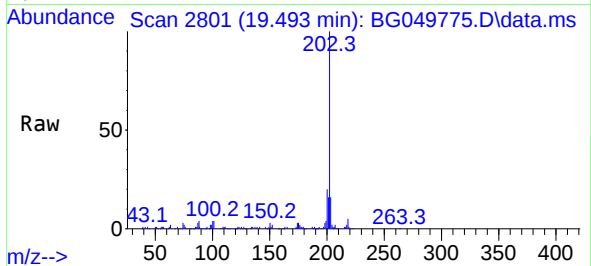
#80
Fluoranthene
Concen: 8.079 ng/u1
RT: 19.493 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

Tgt Ion:	202	Resp:	90912
Ion Ratio	Lower	Upper	
202	100		
101	4.0	4.8	7.2#
100	4.3	3.9	5.9

Instrument :
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ClientSampleId :
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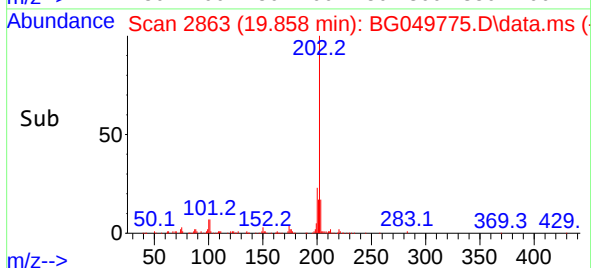
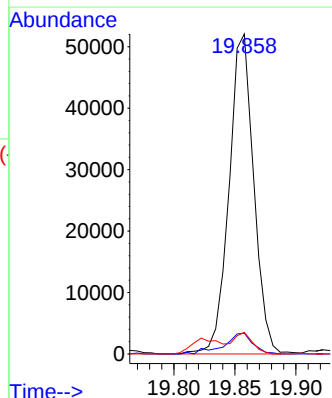
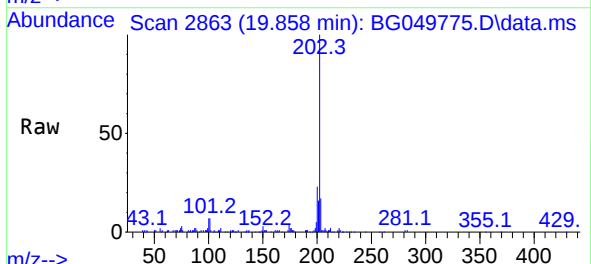
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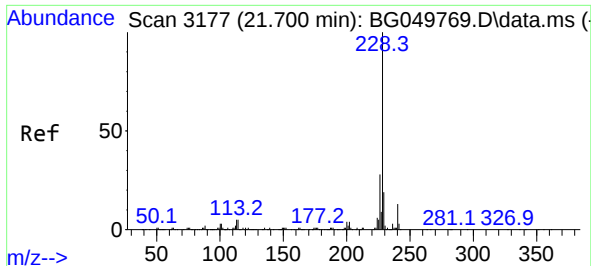
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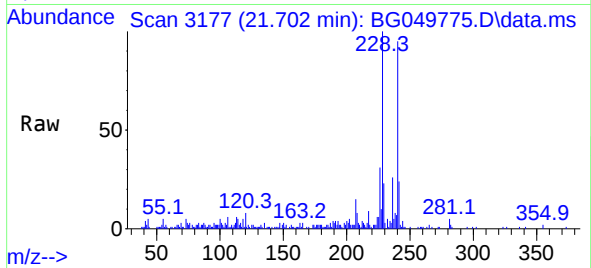
#82
Pyrene
Concen: 6.538 ng/u1
RT: 19.858 min Scan# 2863
Delta R.T. 0.002 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

Tgt Ion:	202	Resp:	73377
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.2	7.8
100	6.7	4.8	7.2

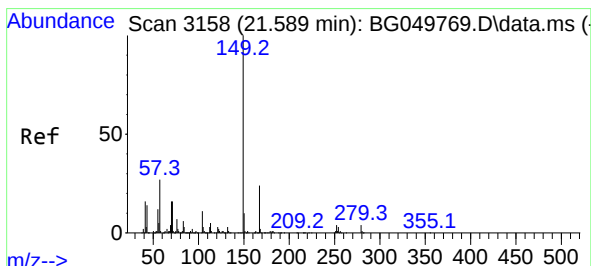
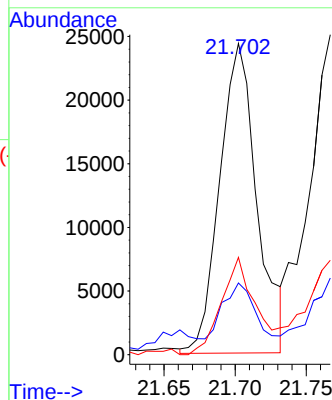
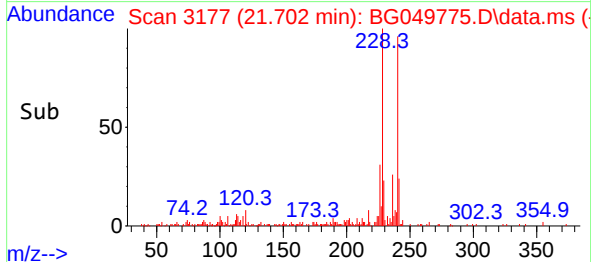




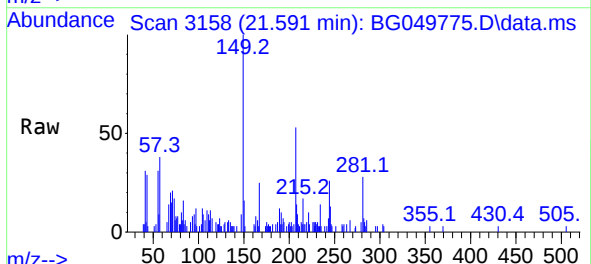
#85
Benzo(a)anthracene
Concen: 4.085 ng/ul
RT: 21.702 min Scan# 3177
Delta R.T. 0.002 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06



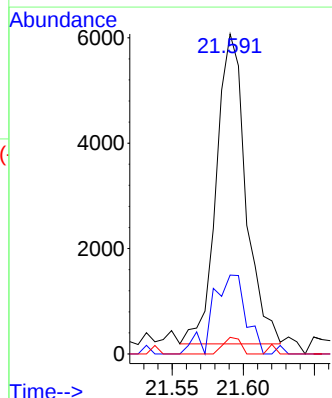
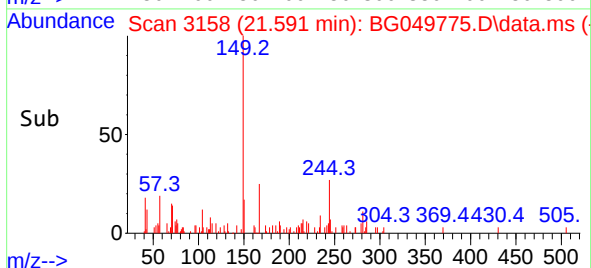
Tgt Ion:228 Resp: 44384
Ion Ratio Lower Upper
228 100
229 23.1 15.3 22.9#
226 31.3 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.354 ng/ul
RT: 21.591 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06



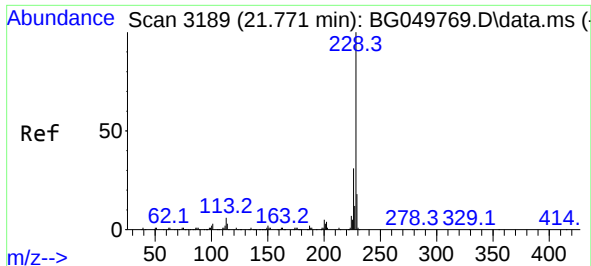
Tgt Ion:149 Resp: 8483
Ion Ratio Lower Upper
149 100
167 24.7 19.9 29.9
279 5.2 3.6 5.4



Instrument :
BNA_G
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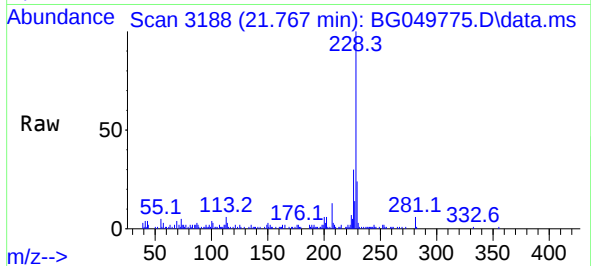
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#87
Chrysene
Concen: 4.525 ng/ul m
RT: 21.767 min Scan# 3188
Delta R.T. -0.003 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

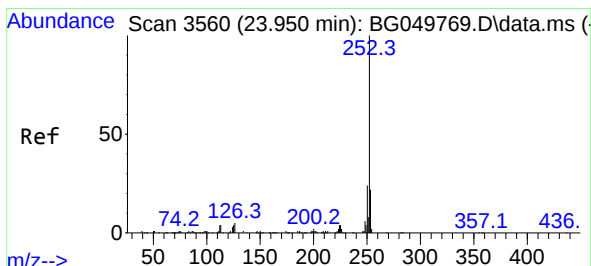
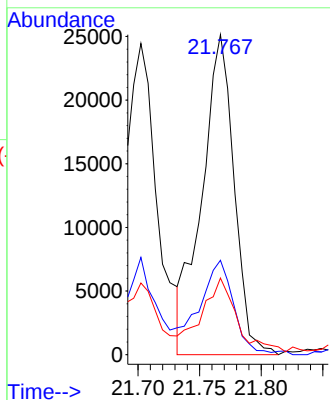
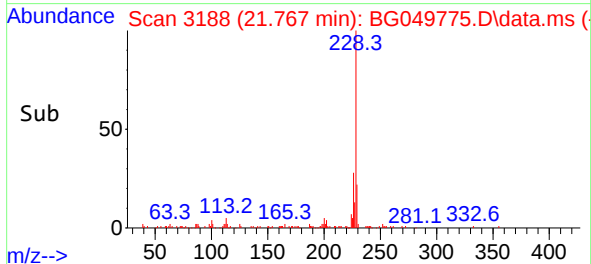
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BNA_G
ClientSampled :
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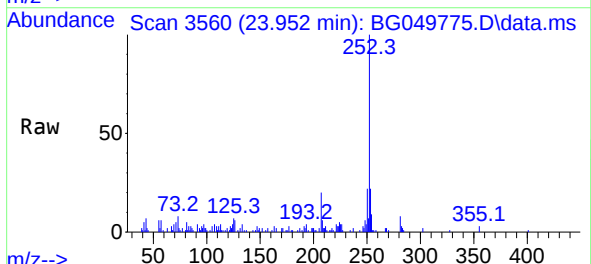
Tgt Ion:228 Resp: 45919
Ion Ratio Lower Upper
228 100
226 29.5 24.7 37.1
229 24.0 15.4 23.2#

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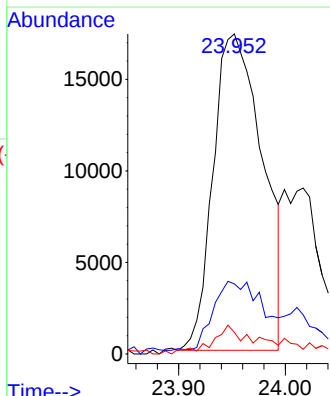
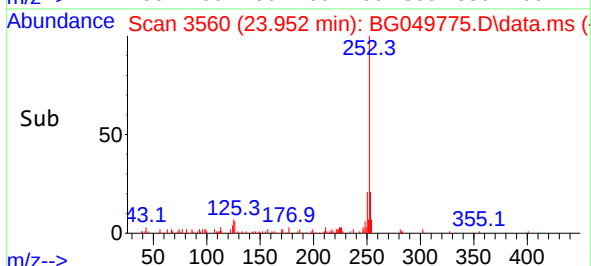
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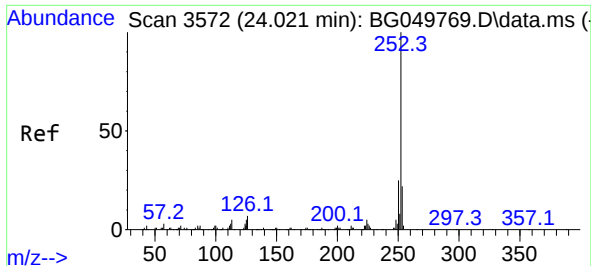


#90
Benzo(b)fluoranthene
Concen: 4.968 ng/ul
RT: 23.952 min Scan# 3560
Delta R.T. 0.002 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06



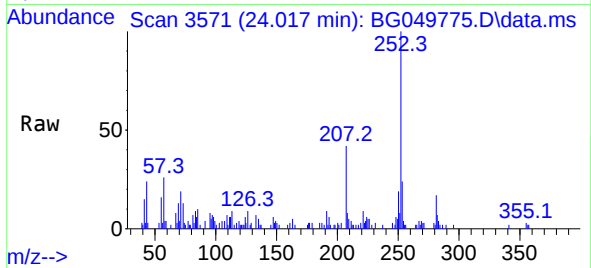
Tgt Ion:252 Resp: 55649
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 6.8 3.7 5.5#





#91
Benzo(k)fluoranthene
Concen: 2.002 ng/ul m
RT: 24.017 min Scan# 3571
Delta R.T. -0.003 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

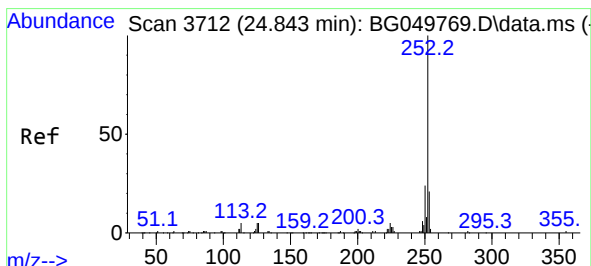
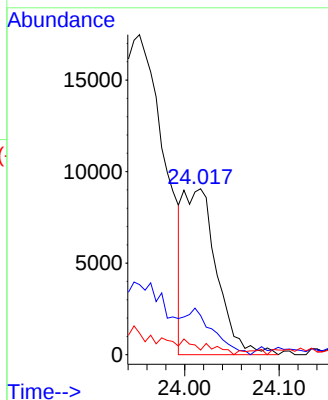
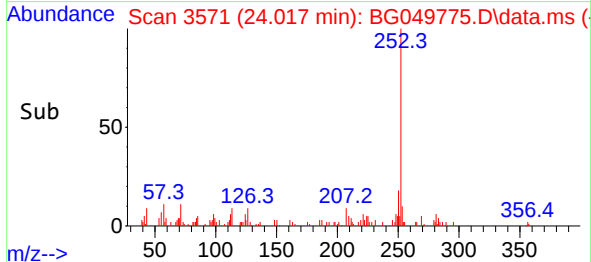
Instrument :
BNA_G
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C00C6



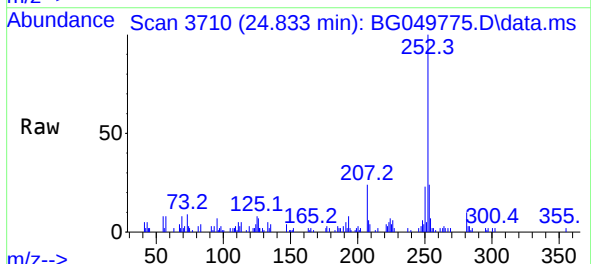
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Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 2.8 3.8 5.8#

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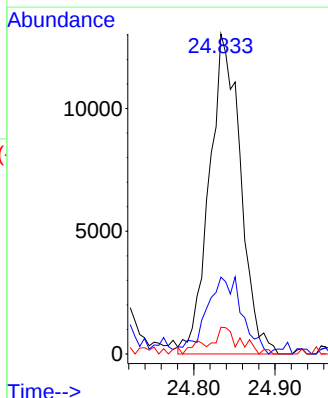
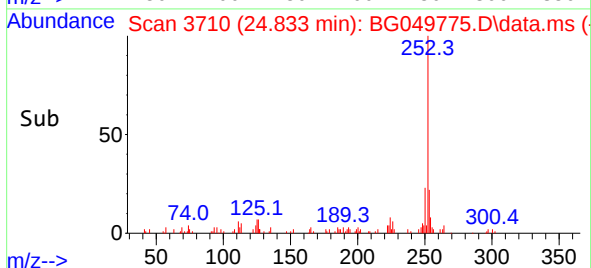
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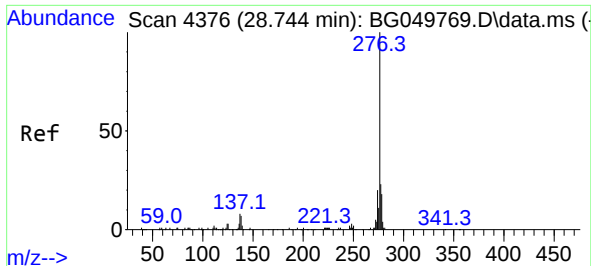


#93
Benzo(a)pyrene
Concen: 3.527 ng/ul
RT: 24.833 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG049775.D
Acq: 11 Aug 2021 4:06

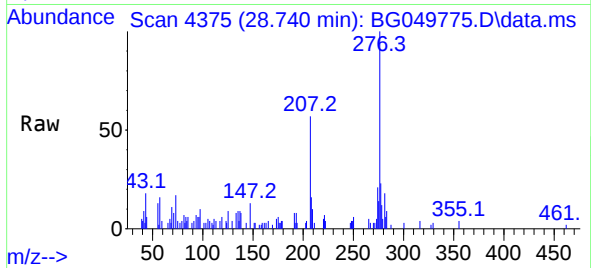


Tgt Ion:252 Resp: 34776
Ion Ratio Lower Upper
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253 24.0 17.7 26.5
125 8.4 4.6 7.0#

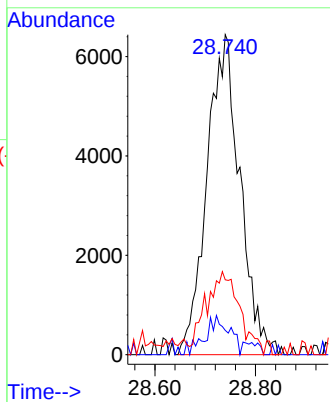
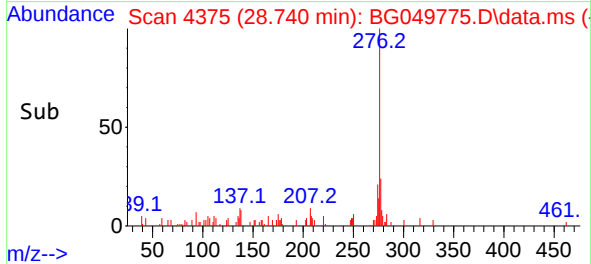




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.266 ng/ul m
 RT: 28.740 min Scan# 4375
 Delta R.T. 0.002 min
 Lab File: BG049775.D
 Acq: 11 Aug 2021 4:06



Tgt Ion:	276	Resp:	29322
Ion Ratio	Lower	Upper	
276	100		
138	7.6	6.6	10.0
277	23.4	19.4	29.2



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