

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049476.D
 Acq On : 26 Jul 2021 13:08
 Operator : CG/JU
 Sample : M3082-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0003

Manual Integrations
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Quant Time: Jul 26 13:48:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	24641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.874	136	98977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	65449	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	126581	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	126374	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	139465	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	845	1.569	ng/uL	0.00
4) Pyridine-d5	3.889	84	4551m	2.942	ng/ul	0.03
7) Phenol-d5	7.202	99	22439	10.293	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.373	67	15295	12.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	18458	11.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	19453	11.838	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	9367	12.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	10257	11.502	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.486	165	19325	11.916	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	15651	6.924	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	67601	13.484	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	79111	13.586	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	6441	7.801	ng/ul	0.00
60) Fluorene-d10	15.691	176	56876	13.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	7103	9.056	ng/ul	0.00
73) Anthracene-d10	17.547	188	84757	14.407	ng/ul	0.00
81) Pyrene-d10	19.832	212	93589	14.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	88311	12.048	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.921	128	15504	3.041	ng/ul	97
36) 2-Methylnaphthalene	12.525	142	14436	3.869	ng/ul	99
37) 1-Methylnaphthalene	12.748	142	13275	3.521	ng/ul	88
43) 1,1'-Biphenyl	13.529	154	5082	1.090	ng/ul	95
50) Acenaphthylene	14.422	152	12997	2.337	ng/ul#	87
52) Acenaphthene	14.763	153	5377	1.348	ng/ul#	83
56) Dibenzofuran	15.098	168	13441	2.496	ng/ul	97
61) Fluorene	15.744	166	20042	4.384	ng/ul#	92
72) Phenanthrene	17.488	178	78064	11.846	ng/ul	98
74) Anthracene	17.582	178	21802	3.265	ng/ul	97
77) Carbazole	17.847	167	6418	1.075	ng/ul#	72
80) Fluoranthene	19.497	202	69438	8.850	ng/ul#	98
82) Pyrene	19.862	202	57176	7.340	ng/ul	99
85) Benzo(a)anthracene	21.706	228	29634	3.835	ng/ul#	81
87) Chrysene	21.777	228	40950	5.537	ng/ul#	75
90) Benzo(b)fluoranthene	23.968	252	33312	3.811	ng/ul	98
91) Benzo(k)fluoranthene	24.015	252	12535m	1.465	ng/ul	
93) Benzo(a)pyrene	24.855	252	19227	2.535	ng/ul#	82
94) Indeno(1,2,3-cd)pyrene	28.744	276	16736m	1.730	ng/ul	

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

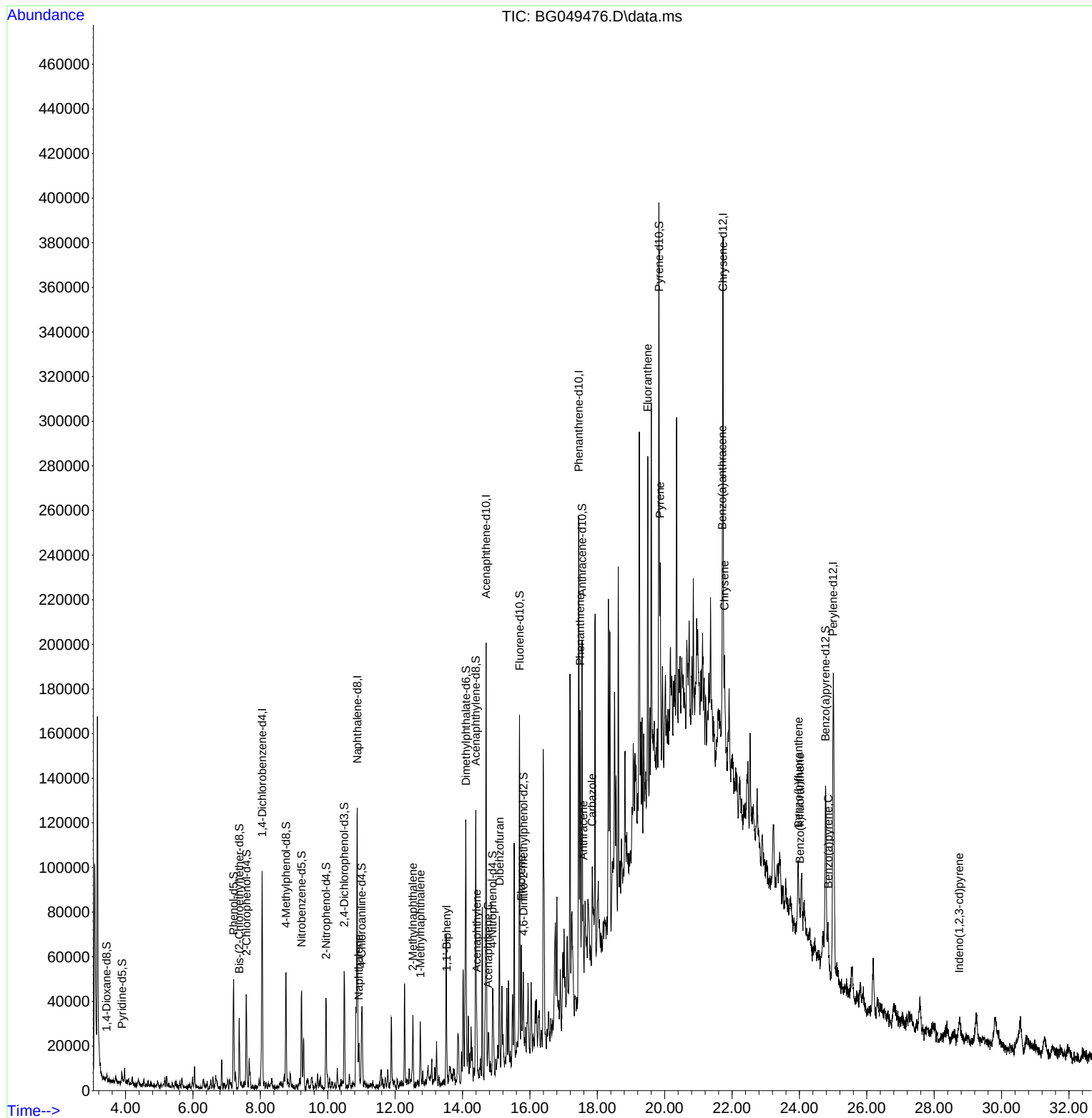
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

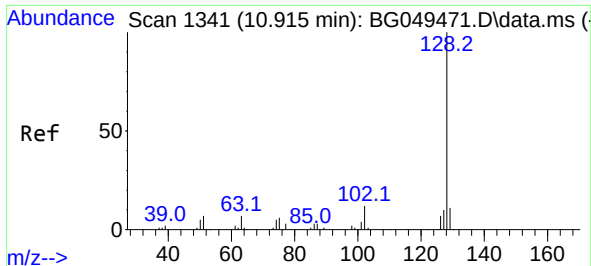
Instrument :
BNA_G
ClientSampleId :
C0003

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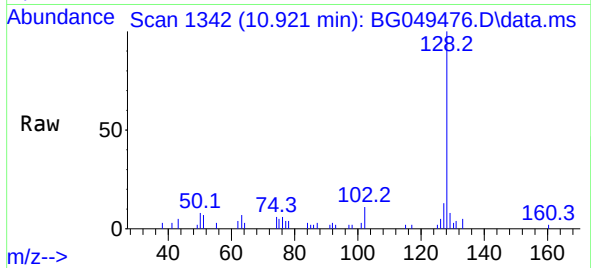
Quant Time: Jul 26 13:48:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.041 ng/ul
RT: 10.921 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

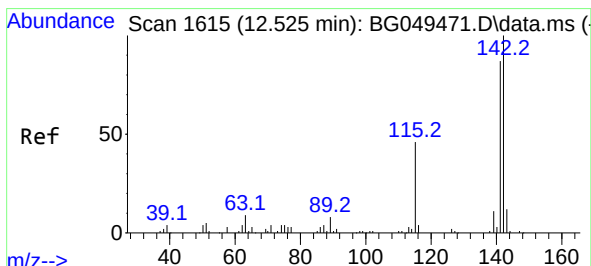
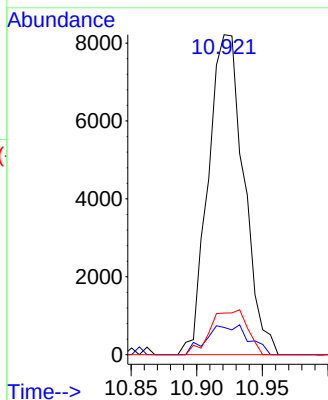
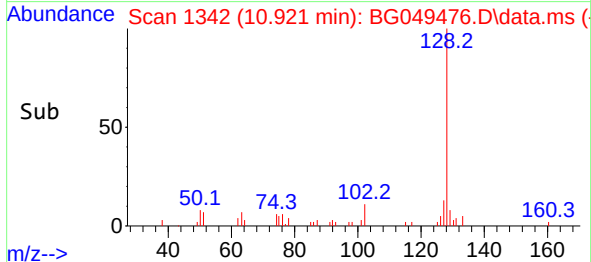
Instrument :
BNA_G
ClientSampleId :
C0003



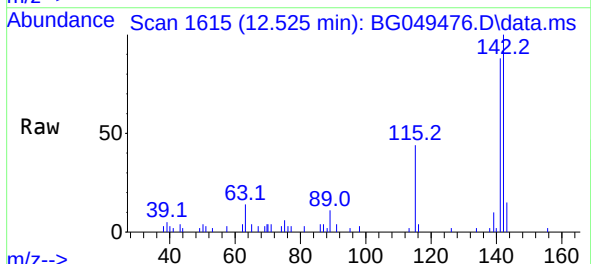
Tgt Ion:128 Resp: 15504
Ion Ratio Lower Upper
128 100
129 8.5 7.8 11.8
127 13.0 11.0 16.6

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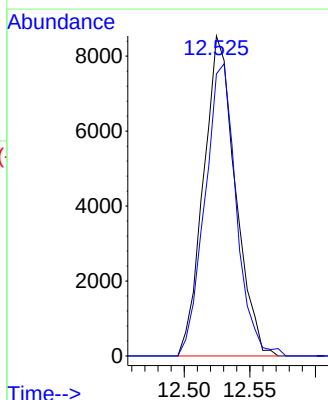
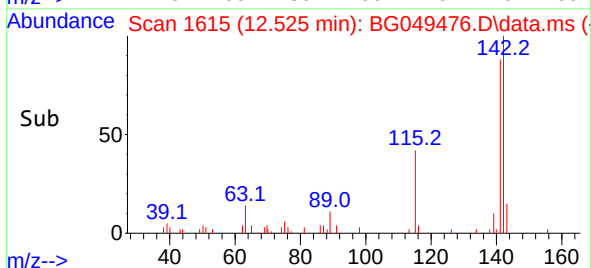
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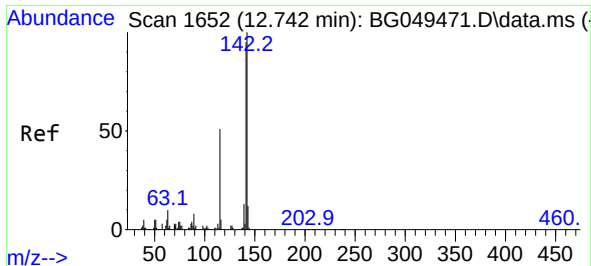


#36
2-Methylnaphthalene
Concen: 3.869 ng/ul
RT: 12.525 min Scan# 1615
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08



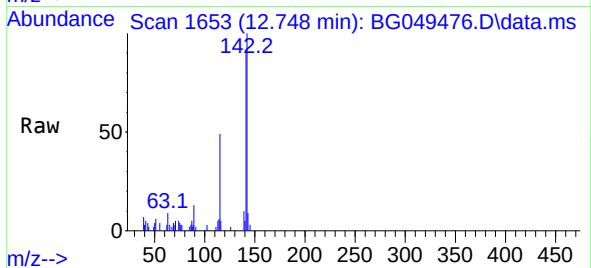
Tgt Ion:142 Resp: 14436
Ion Ratio Lower Upper
142 100
141 88.2 69.9 104.9





#37
1-Methylnaphthalene
Concen: 3.521 ng/ul
RT: 12.748 min Scan# 1653
Delta R.T. 0.005 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

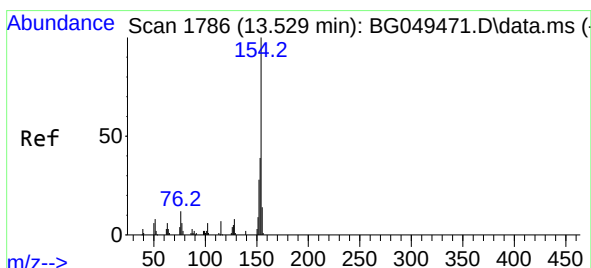
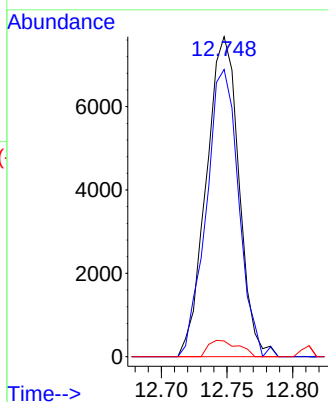
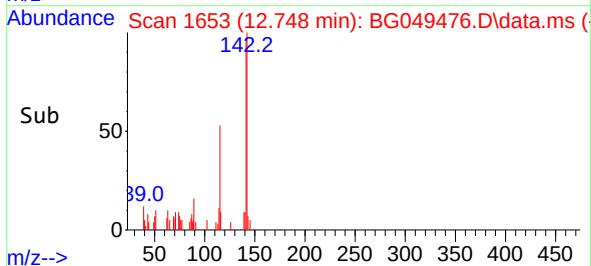
Instrument :
BNA_G
ClientSampleId :
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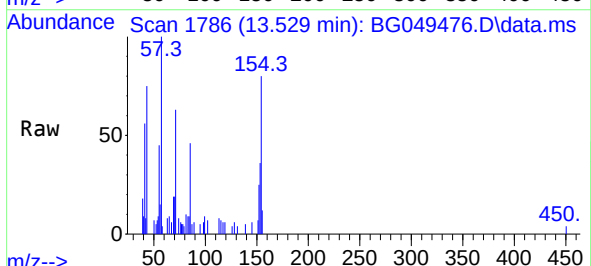
Tgt Ion:142 Resp: 13275
Ion Ratio Lower Upper
142 100
141 89.7 82.1 123.1
116 4.9 3.8 5.6

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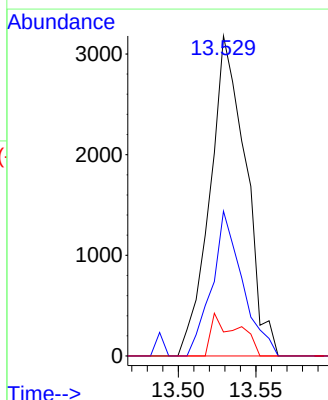
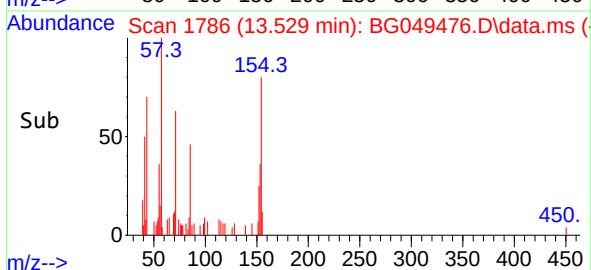
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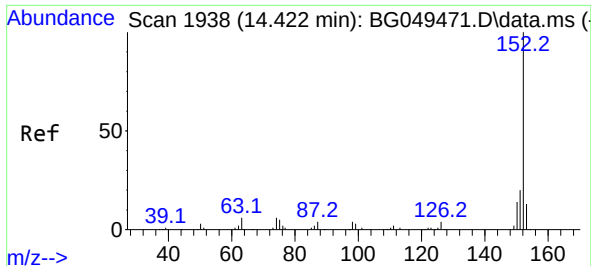


#43
1,1'-Biphenyl
Concen: 1.090 ng/ul
RT: 13.529 min Scan# 1786
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

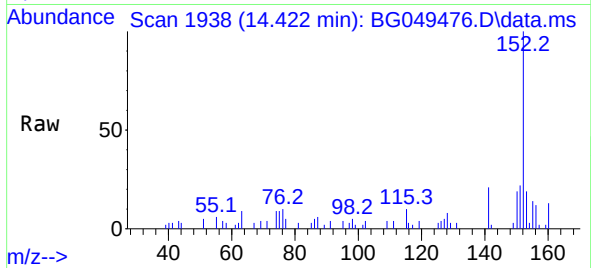


Tgt Ion:154 Resp: 5082
Ion Ratio Lower Upper
154 100
153 45.3 33.3 49.9
76 7.5 7.0 10.6

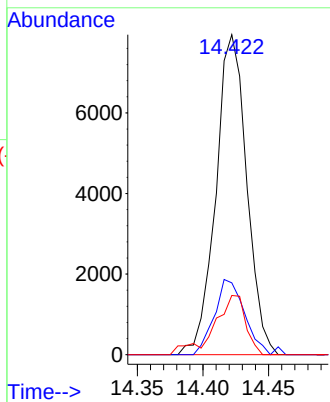
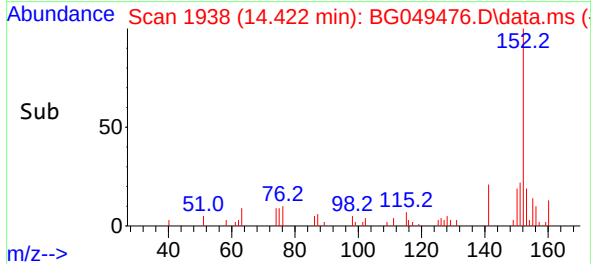




#50
Acenaphthylene
Concen: 2.337 ng/ul
RT: 14.422 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08



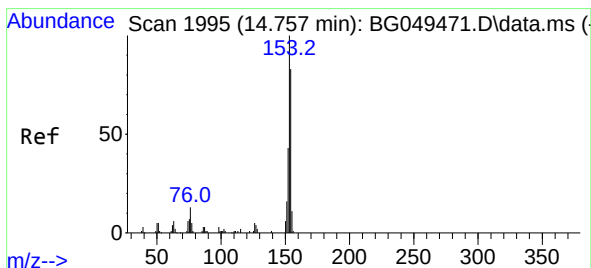
Tgt Ion:152 Resp: 12997
Ion Ratio Lower Upper
152 100
151 22.4 14.4 21.6#
153 18.5 9.5 14.3#



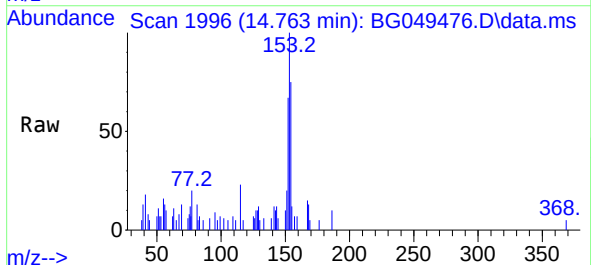
Instrument :
BNA_G
ClientSampled :
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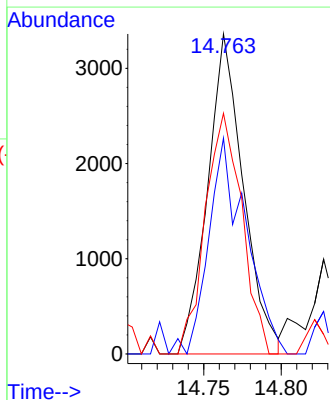
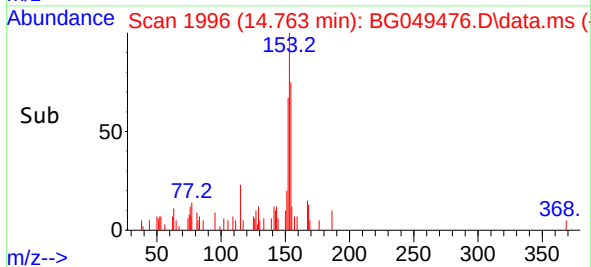
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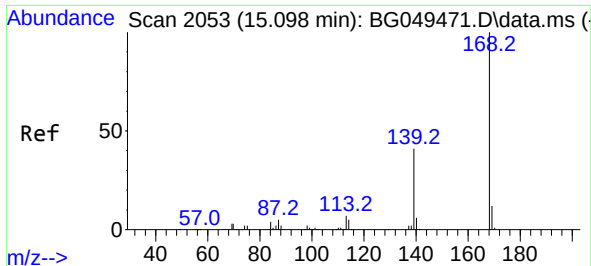


#52
Acenaphthene
Concen: 1.348 ng/ul
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08



Tgt Ion:153 Resp: 5377
Ion Ratio Lower Upper
153 100
152 67.5 37.4 56.0#
154 75.2 66.7 100.1





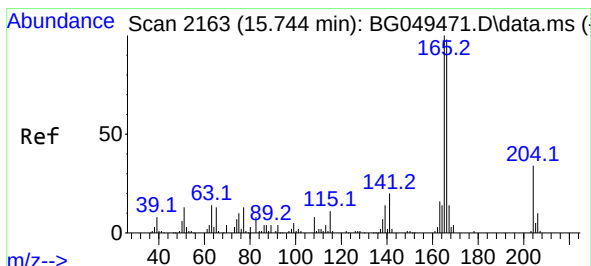
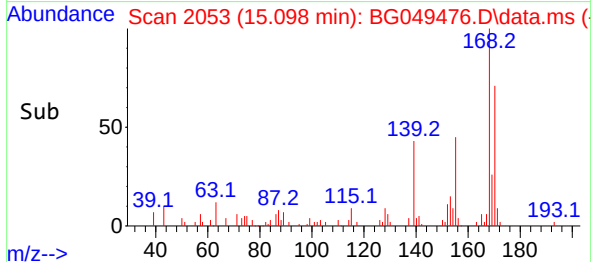
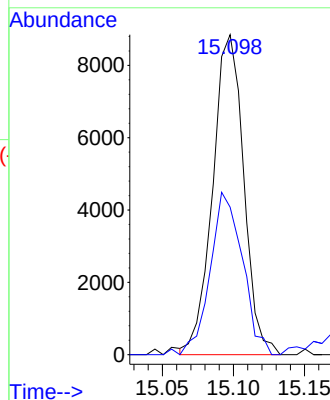
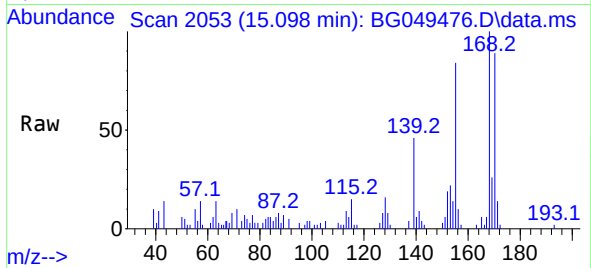
#56
Dibenzenofuran
Concen: 2.496 ng/ul
RT: 15.098 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

Tgt Ion:168 Resp: 13441
Ion Ratio Lower Upper
168 100
139 46.1 35.5 53.3

Instrument :
BNA_G
ClientSampled :
C0003

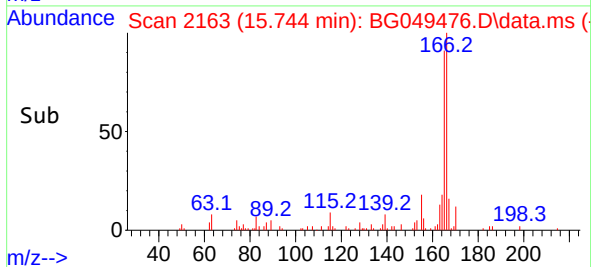
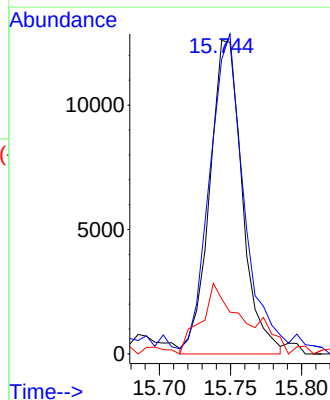
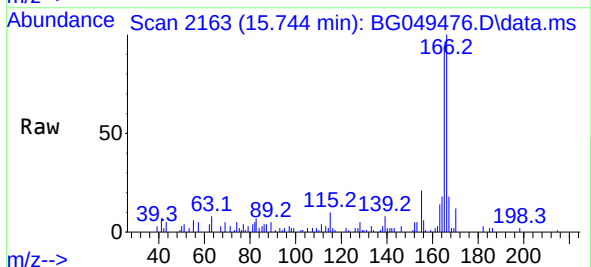
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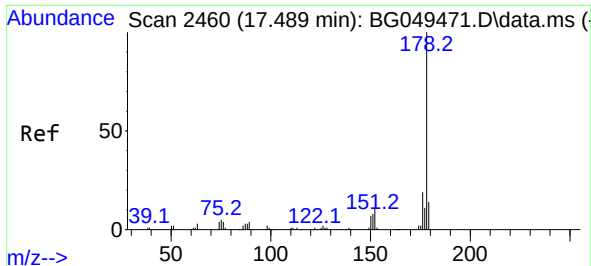
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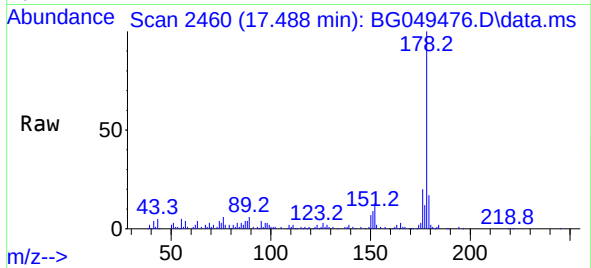
#61
Fluorene
Concen: 4.384 ng/ul
RT: 15.744 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

Tgt Ion:166 Resp: 20042
Ion Ratio Lower Upper
166 100
165 94.0 81.8 122.8
167 17.6 11.0 16.4#

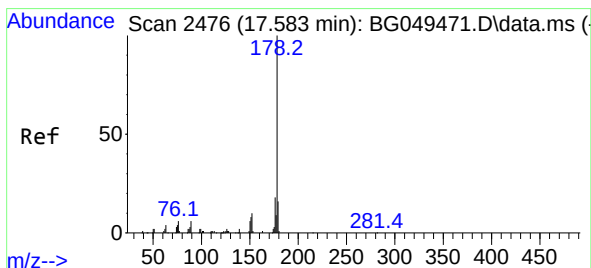
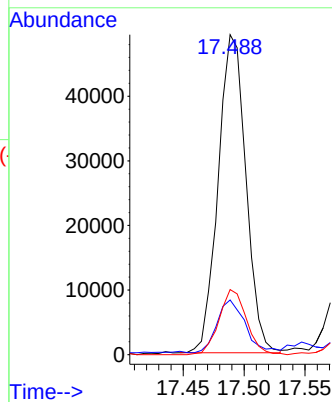
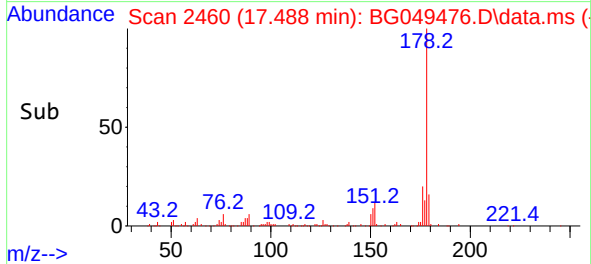




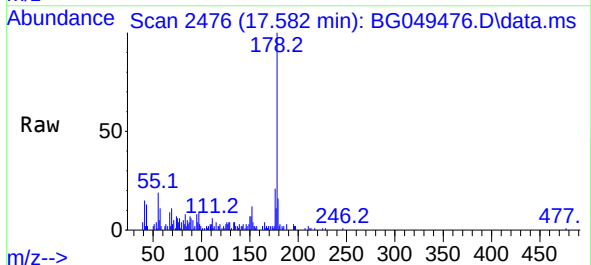
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Phenanthrene
Concen: 11.846 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08



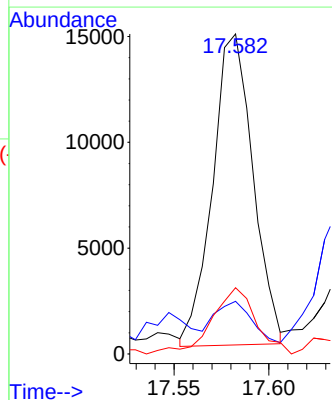
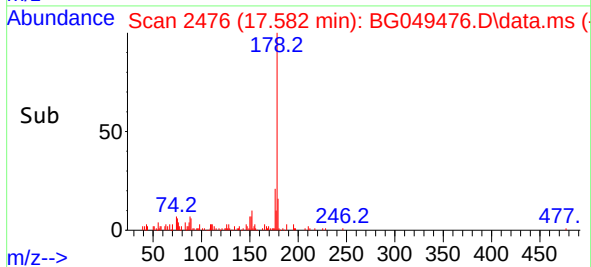
Tgt Ion:178 Resp: 78064
Ion Ratio Lower Upper
178 100
179 17.1 13.2 19.8
176 20.3 15.0 22.6



#74
Anthracene
Concen: 3.265 ng/ul
RT: 17.582 min Scan# 2476
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08



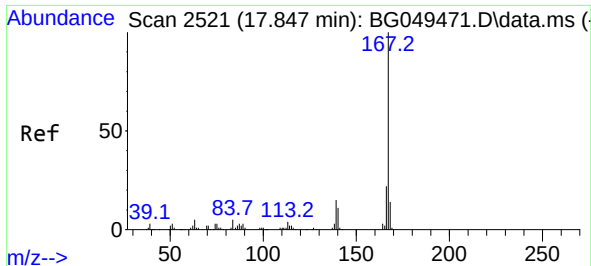
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Ion Ratio Lower Upper
178 100
179 16.5 12.0 18.0
176 20.7 15.6 23.4



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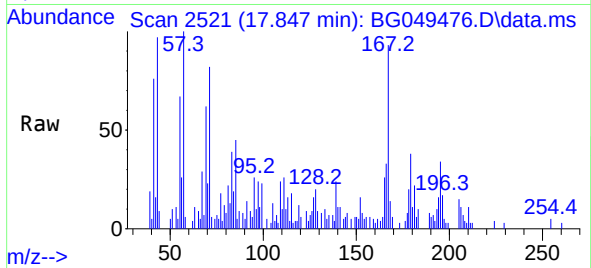
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#77
 Carbazole
 Concen: 1.075 ng/ul
 RT: 17.847 min Scan# 2521
 Delta R.T. -0.001 min
 Lab File: BG049476.D
 Acq: 26 Jul 2021 13:08

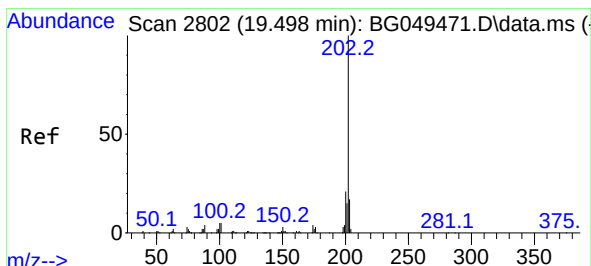
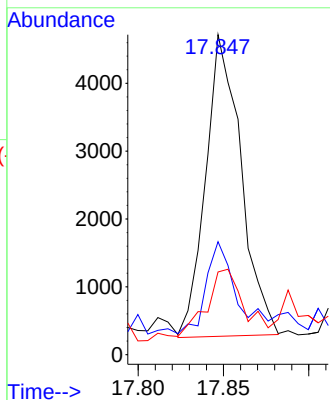
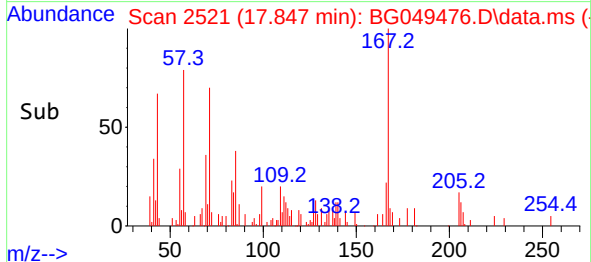
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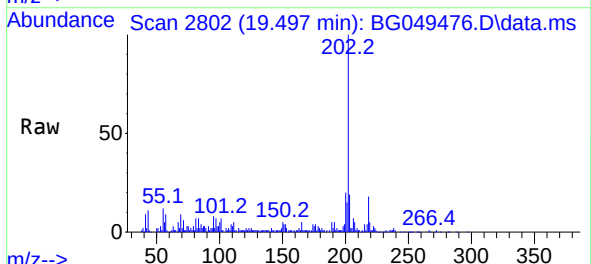
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 Ion Ratio Lower Upper
 167 100
 166 35.3 17.5 26.3#
 139 25.8 11.4 17.2#

Manual Integrations
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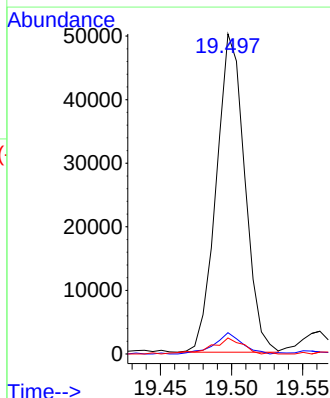
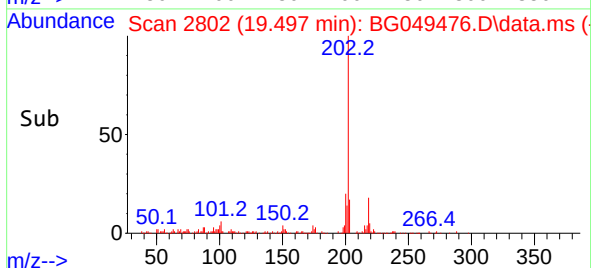
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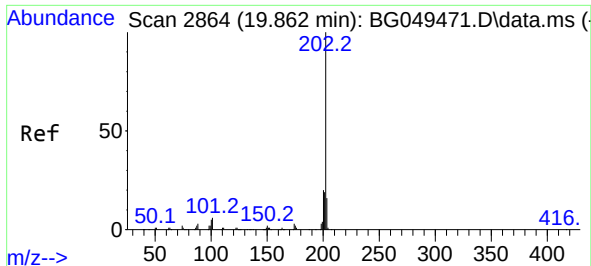


#80
 Fluoranthene
 Concen: 8.850 ng/ul
 RT: 19.497 min Scan# 2802
 Delta R.T. -0.001 min
 Lab File: BG049476.D
 Acq: 26 Jul 2021 13:08



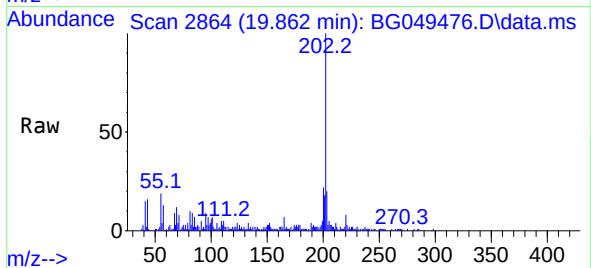
Tgt Ion:202 Resp: 69438
 Ion Ratio Lower Upper
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 101 6.6 4.3 6.5#
 100 5.0 3.8 5.6





#82
Pyrene
Concen: 7.340 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

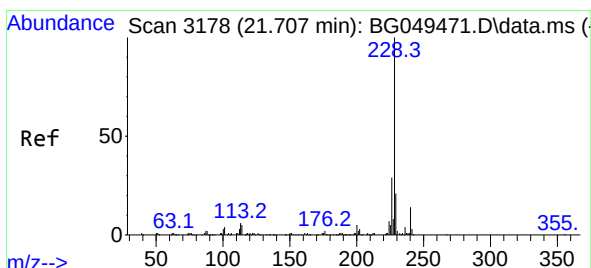
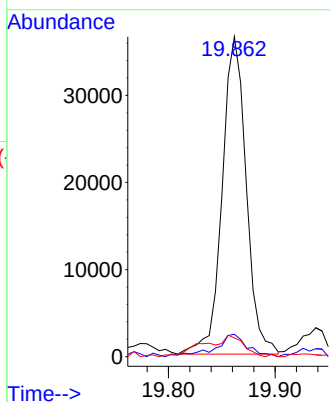
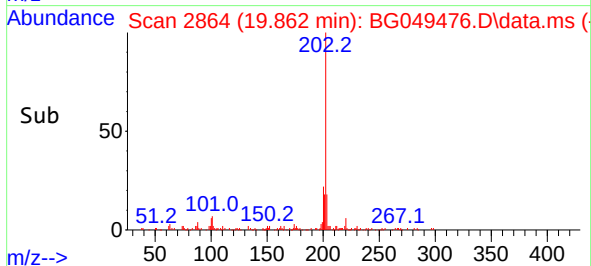
Instrument :
BNA_G
ClientSampled :
C0003



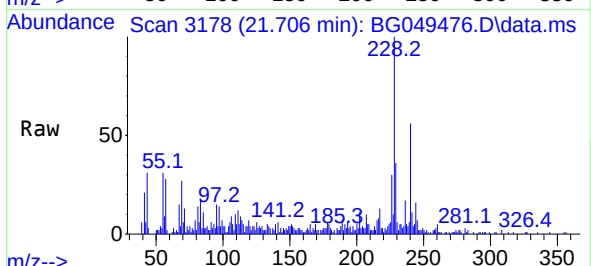
Tgt Ion:202 Resp: 57176
Ion Ratio Lower Upper
202 100
101 7.0 5.3 7.9
100 5.8 4.7 7.1

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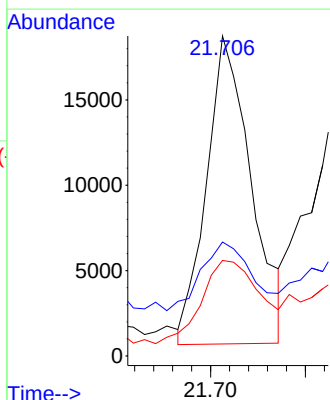
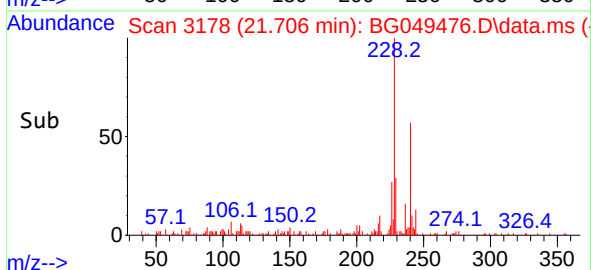
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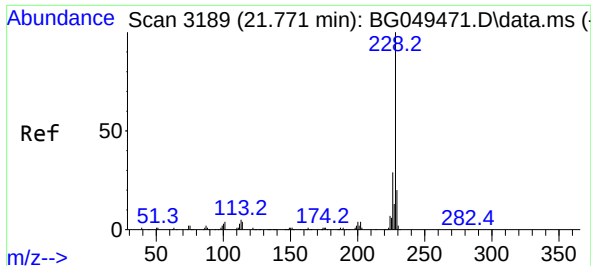


#85
Benzo(a)anthracene
Concen: 3.835 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08



Tgt Ion:228 Resp: 29634
Ion Ratio Lower Upper
228 100
229 35.6 15.4 23.2#
226 29.8 21.1 31.7





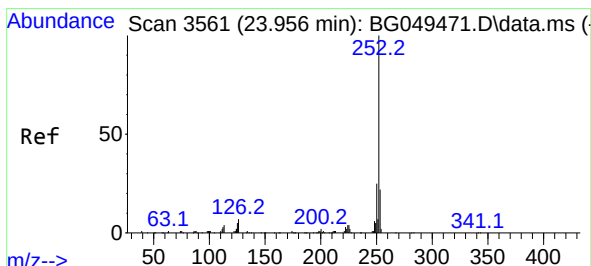
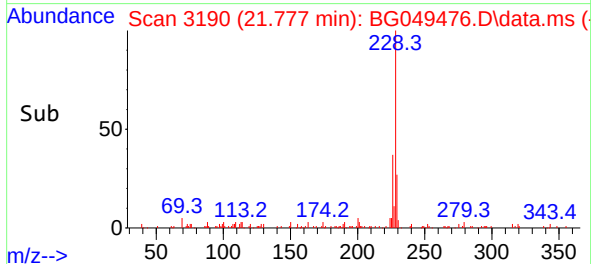
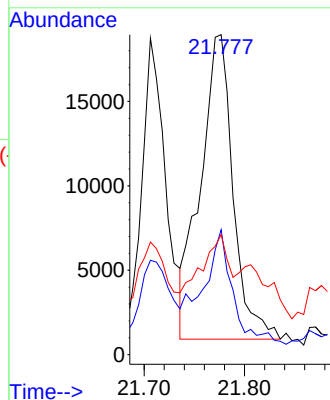
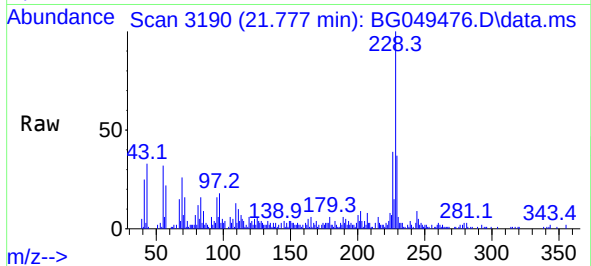
#87
Chrysene
Concen: 5.537 ng/ul
RT: 21.777 min Scan# 3190
Delta R.T. 0.005 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

Tgt Ion:228 Resp: 40950
Ion Ratio Lower Upper
228 100
226 39.0 24.6 37.0#
229 37.5 14.9 22.3#

Instrument :
BNA_G
ClientSampled :
C0003

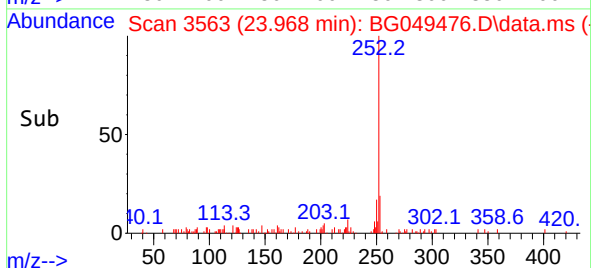
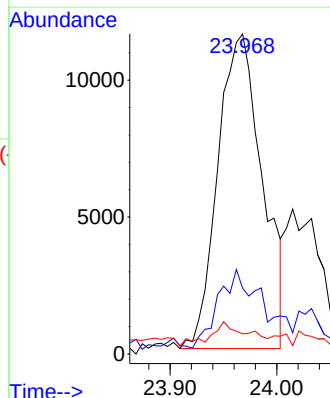
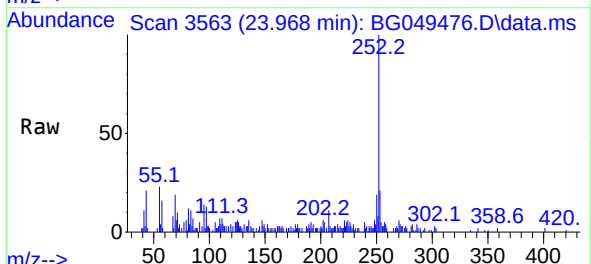
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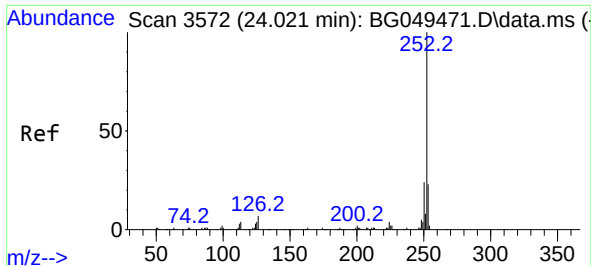
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#90
Benzo(b)fluoranthene
Concen: 3.811 ng/ul
RT: 23.968 min Scan# 3563
Delta R.T. 0.011 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

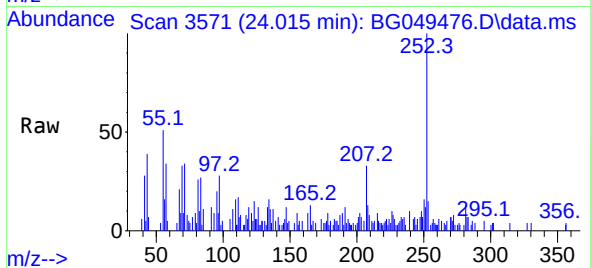
Tgt Ion:252 Resp: 33312
Ion Ratio Lower Upper
252 100
253 20.6 17.1 25.7
125 6.3 4.5 6.7





#91
Benzo(k)fluoranthene
Concen: 1.465 ng/ul m
RT: 24.015 min Scan# 3571
Delta R.T. -0.007 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

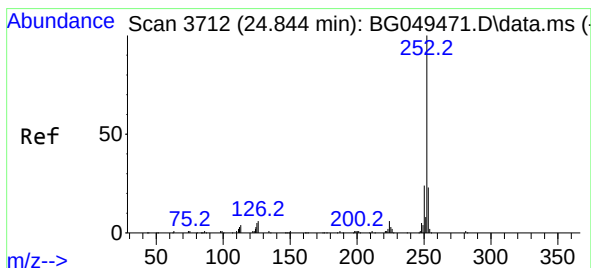
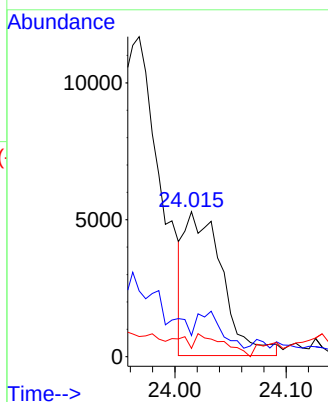
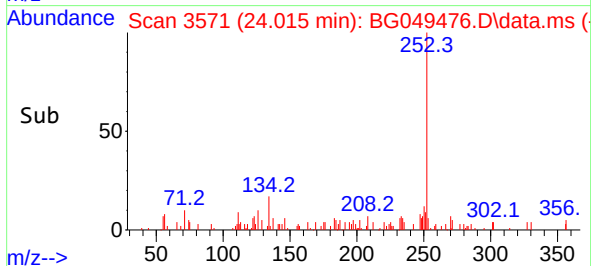
Instrument :
BNA_G
ClientSampled :
C0003



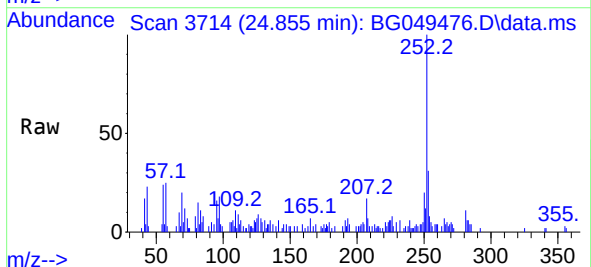
Tgt Ion:252 Resp: 12535
Ion Ratio Lower Upper
252 100
253 14.6 17.3 25.9#
125 5.7 4.6 7.0

Manual Integrations
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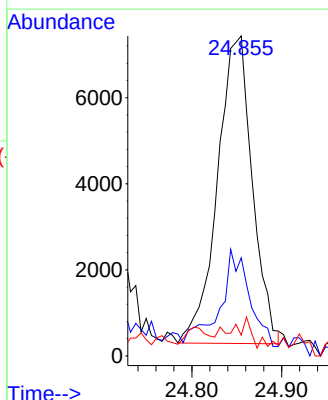
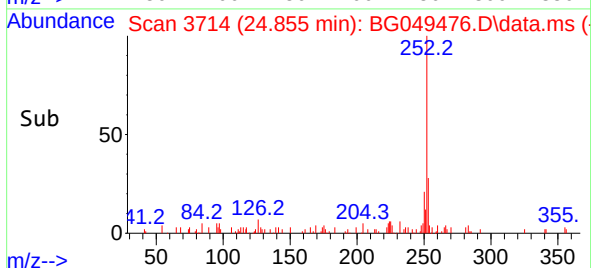
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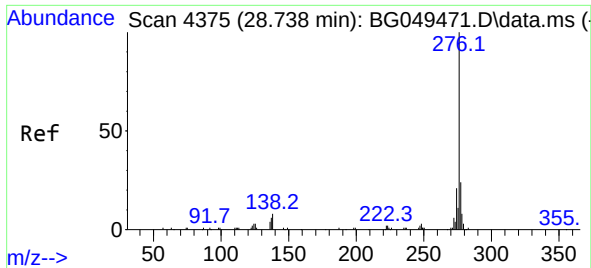


#93
Benzo(a)pyrene
Concen: 2.535 ng/ul
RT: 24.855 min Scan# 3714
Delta R.T. 0.017 min
Lab File: BG049476.D
Acq: 26 Jul 2021 13:08

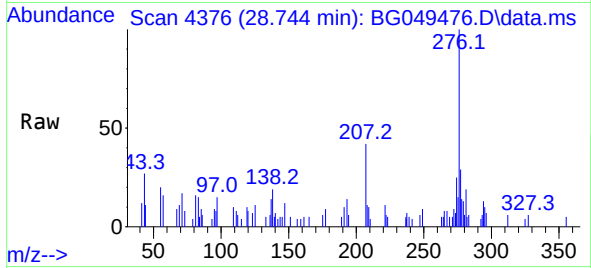


Tgt Ion:252 Resp: 19227
Ion Ratio Lower Upper
252 100
253 30.7 16.4 24.6#
125 6.5 4.6 6.8

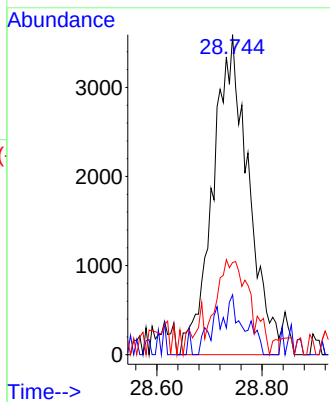
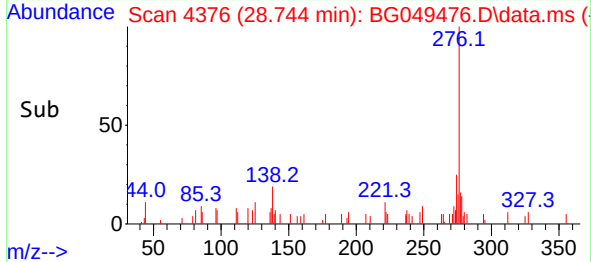




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.730 ng/ul m
 RT: 28.744 min Scan# 4376
 Delta R.T. 0.005 min
 Lab File: BG049476.D
 Acq: 26 Jul 2021 13:08



Tgt Ion: 276 Resp: 16736
 Ion Ratio Lower Upper
 276 100
 138 18.7 7.3 10.9#
 277 28.8 19.2 28.8



Instrument :
 BNA_G
 ClientSampleId :
 C0003

Manual Integrations
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