

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050047.D
 Acq On : 31 Aug 2021 2:42
 Operator : CG/JU
 Sample : M3472-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

Manual Integrations
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 8/31/2021 11:35:59 AM

Quant Time: Aug 31 04:29:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	32883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	136790	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	94841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	190217	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	169025	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	172677	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	1639	2.570	ng/uL	0.00
4) Pyridine-d5	3.760	84	6772m	3.526	ng/ul	0.02
7) Phenol-d5	7.132	99	36281	12.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	19596	12.632	ng/ul	0.00
11) 2-Chlorophenol-d4	7.490	132	27946	13.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	28313m	12.875	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	15431	14.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	17124	13.561	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	34571	15.349	ng/ul	0.00
31) 4-Chloroaniline-d4	10.921	131	25926	8.457	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	111320	15.337	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	140975	16.565	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	13926	13.261	ng/ul	0.01
60) Fluorene-d10	15.620	176	102195	16.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	10740	8.776	ng/ul	0.00
73) Anthracene-d10	17.477	188	156378	18.308	ng/ul	0.00
81) Pyrene-d10	19.768	212	173974	19.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	162269	17.713	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.833	128	14071	2.058	ng/ul#	91
36) 2-Methylnaphthalene	12.442	142	8960	1.763	ng/ul	90
37) 1-Methylnaphthalene	12.666	142	7490	1.460	ng/ul#	76
50) Acenaphthylene	14.346	152	34559	4.443	ng/ul	96
56) Dibenzofuran	15.021	168	10014	1.282	ng/ul	88
61) Fluorene	15.673	166	9472	1.437	ng/ul	97
72) Phenanthrene	17.418	178	112870	11.903	ng/ul	99
74) Anthracene	17.512	178	33932	3.531	ng/ul	99
77) Carbazole	17.782	167	15564	1.820	ng/ul	98
80) Fluoranthene	19.433	202	263282	23.359	ng/ul	98
82) Pyrene	19.797	202	232898	20.852	ng/ul	100
85) Benzo(a)anthracene	21.636	228	137027	13.011	ng/ul	99
87) Chrysene	21.695	228	122754	12.330	ng/ul	96
90) Benzo(b)fluoranthene	23.856	252	225506	20.416	ng/ul#	98
91) Benzo(k)fluoranthene	23.915	252	86137m	8.204	ng/ul	
93) Benzo(a)pyrene	24.726	252	209018	21.790	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.585	276	160152	12.657	ng/ul	96
95) Dibenzo(a,h)anthracene	28.603	278	39463m	3.725	ng/ul	
96) Benzo(g,h,i)perylene	29.743	276	137510	12.926	ng/ul#	91

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

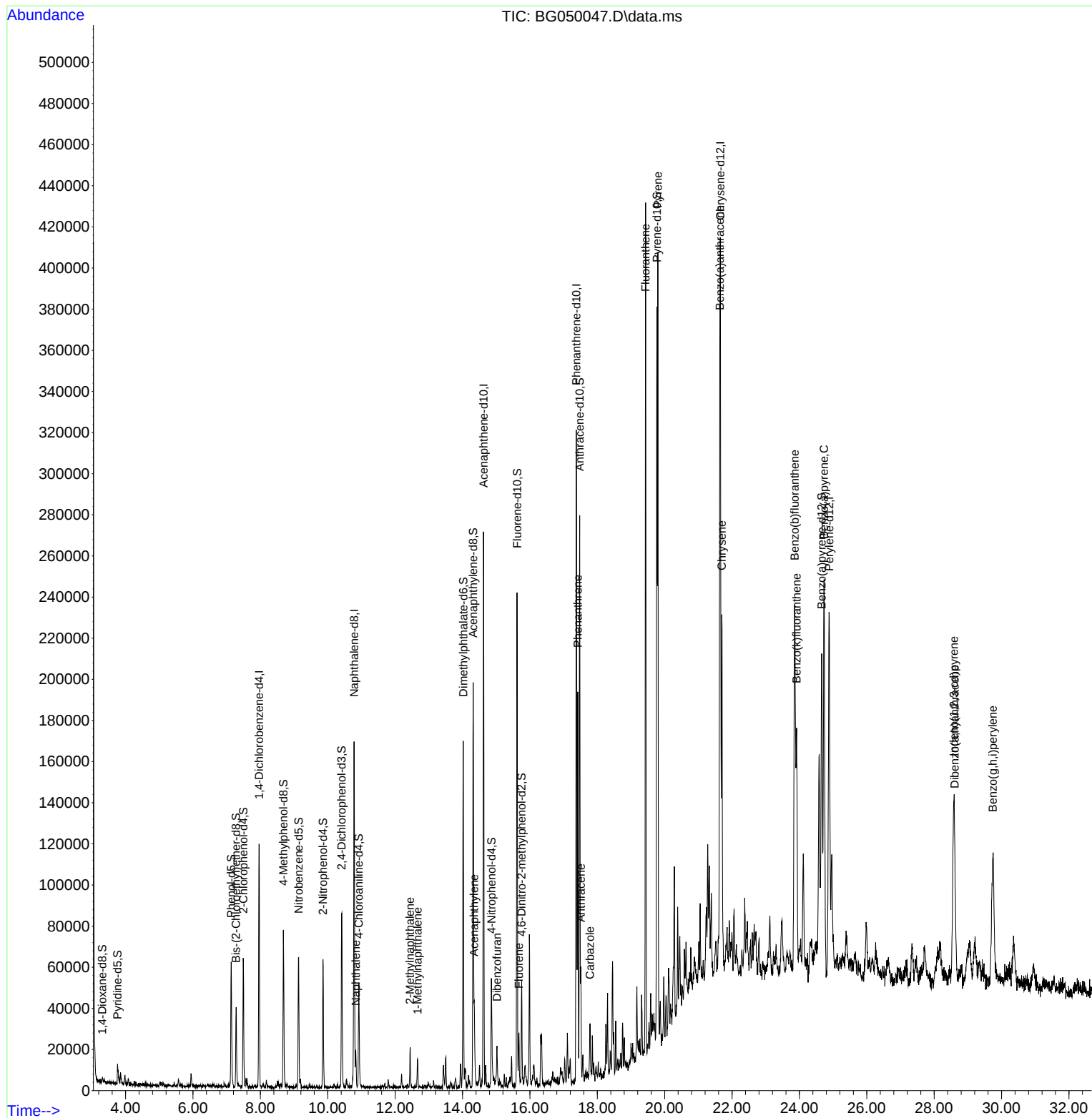
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Data File : BG050047.D
Acq On : 31 Aug 2021 2:42
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

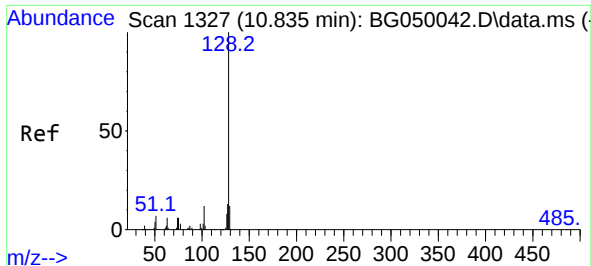
Instrument :
BNA_G
ClientSampled :
C0AC2

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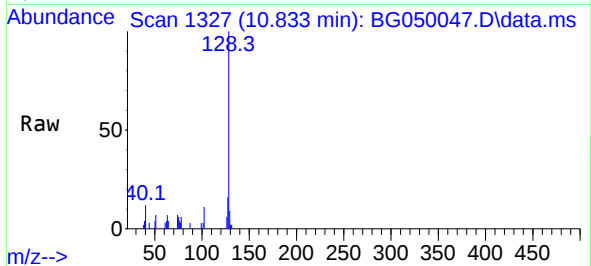
Quant Time: Aug 31 04:29:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.058 ng/ul
RT: 10.833 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

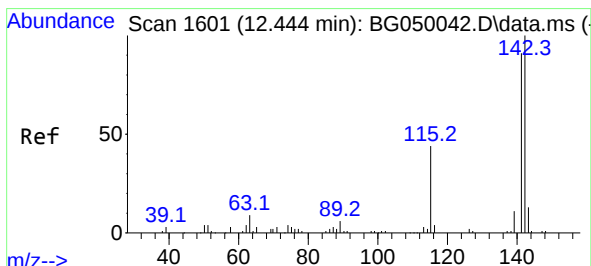
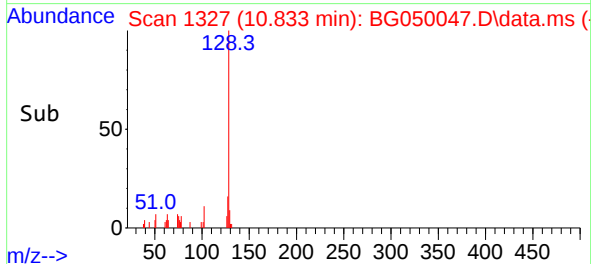
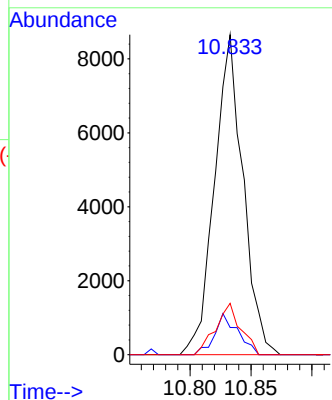
Instrument :
BNA_G
ClientSampled :
C0AC2



Tgt Ion:128 Resp: 14071
Ion Ratio Lower Upper
128 100
129 8.5 9.3 13.9#
127 16.1 9.8 14.6#

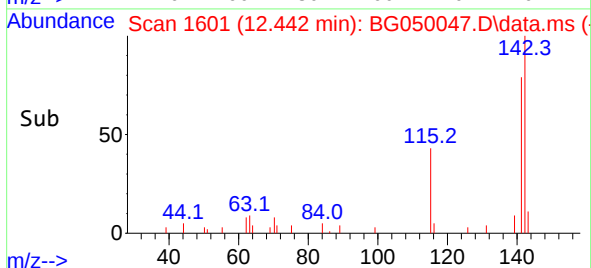
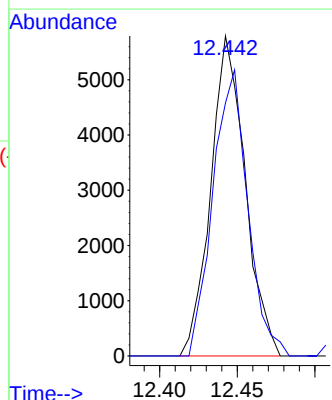
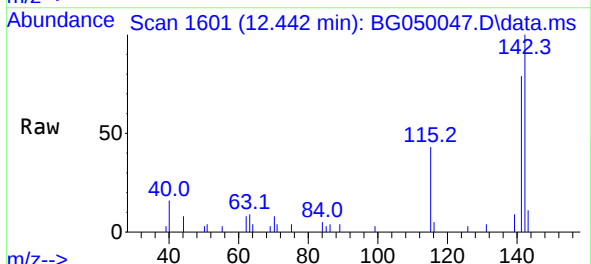
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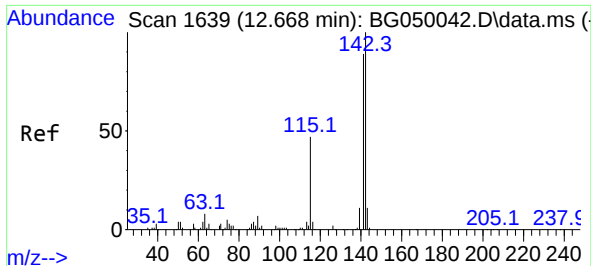
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#36
2-Methylnaphthalene
Concen: 1.763 ng/ul
RT: 12.442 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

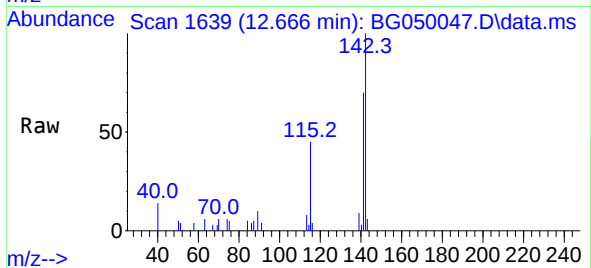
Tgt Ion:142 Resp: 8960
Ion Ratio Lower Upper
142 100
141 79.0 70.5 105.7





#37
1-Methylnaphthalene
Concen: 1.460 ng/ul
RT: 12.666 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

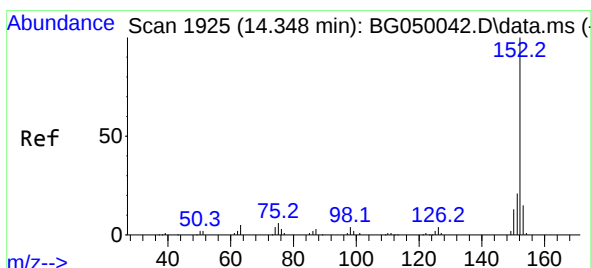
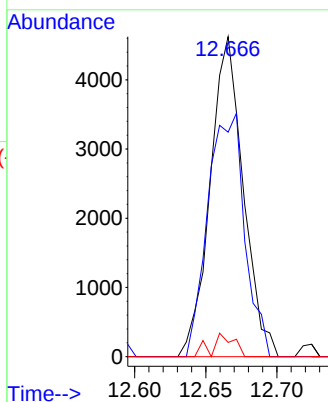
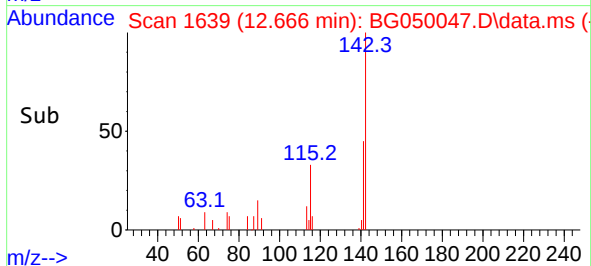
Instrument :
BNA_G
ClientSampled :
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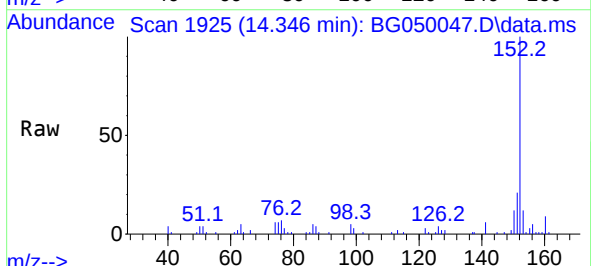
Tgt Ion:142 Resp: 7490
Ion Ratio Lower Upper
142 100
141 70.1 75.8 113.8#
116 4.5 3.7 5.5

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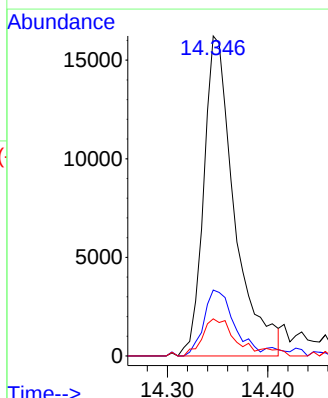
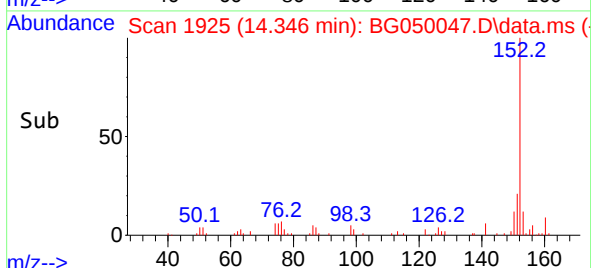
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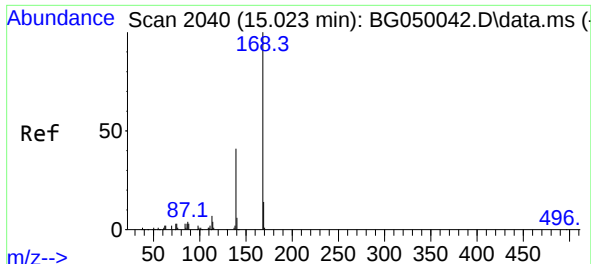


#50
Acenaphthylene
Concen: 4.443 ng/ul
RT: 14.346 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42



Tgt Ion:152 Resp: 34559
Ion Ratio Lower Upper
152 100
151 20.6 15.2 22.8
153 11.6 10.7 16.1





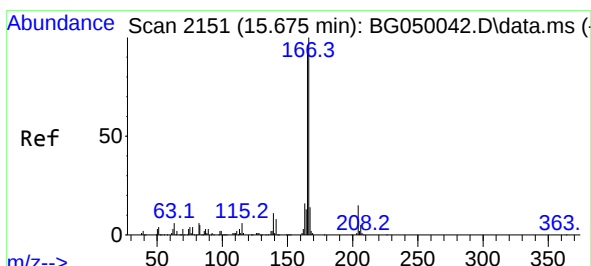
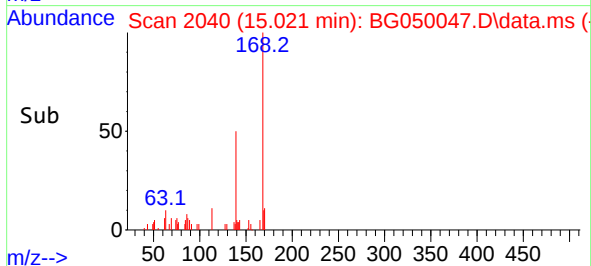
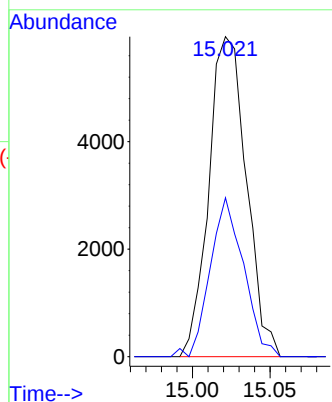
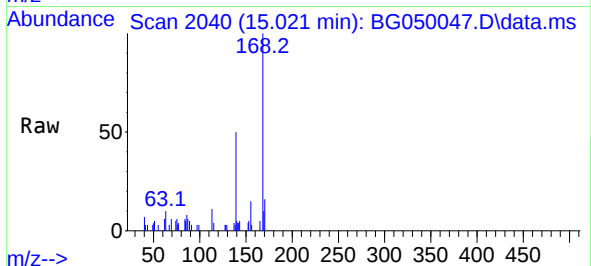
#56
Dibenzenofuran
Concen: 1.282 ng/ul
RT: 15.021 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

Instrument :
BNA_G
ClientSampleId :
C0AC2

Tgt Ion:168 Resp: 10014
Ion Ratio Lower Upper
168 100
139 49.7 33.8 50.8

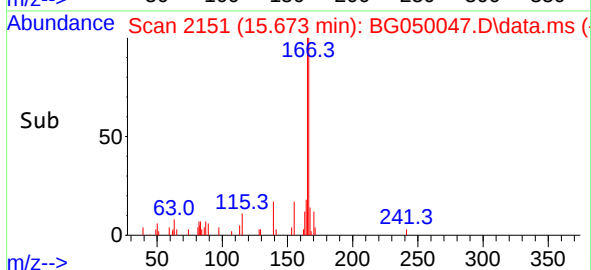
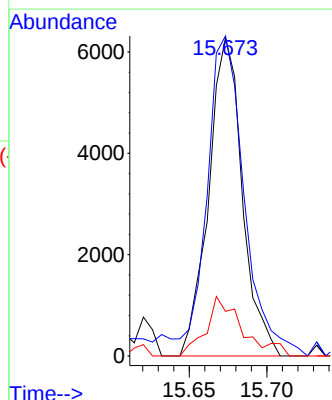
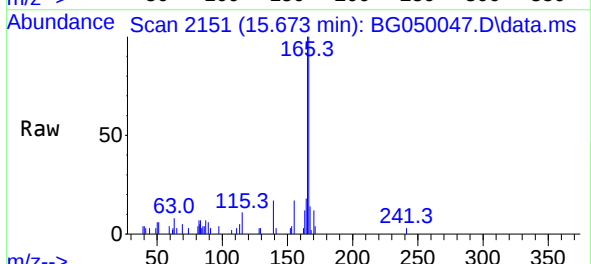
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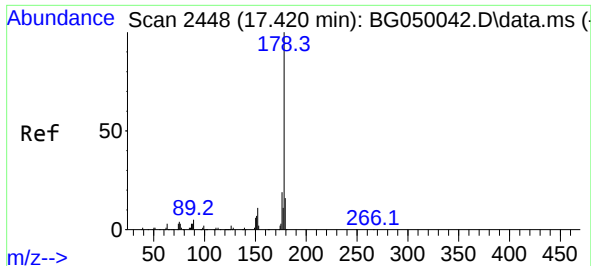
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#61
Fluorene
Concen: 1.437 ng/ul
RT: 15.673 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

Tgt Ion:166 Resp: 9472
Ion Ratio Lower Upper
166 100
165 100.5 83.3 124.9
167 14.0 11.8 17.6





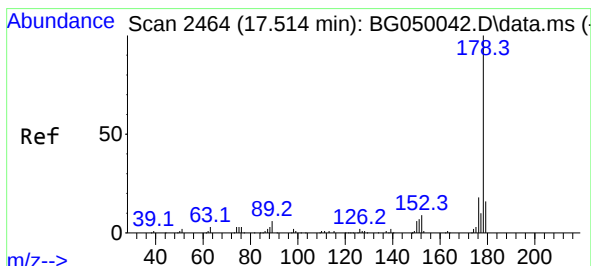
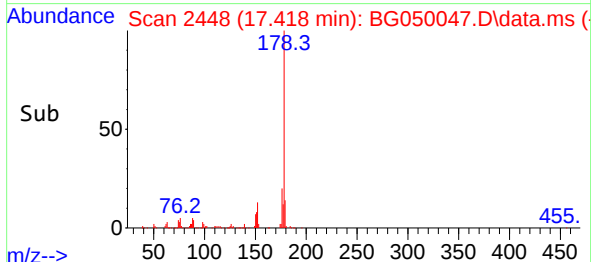
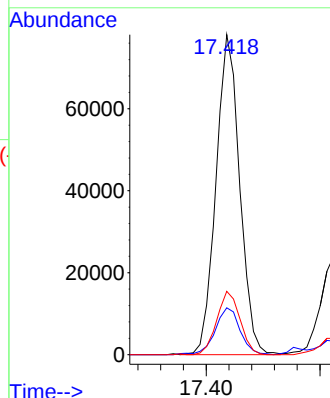
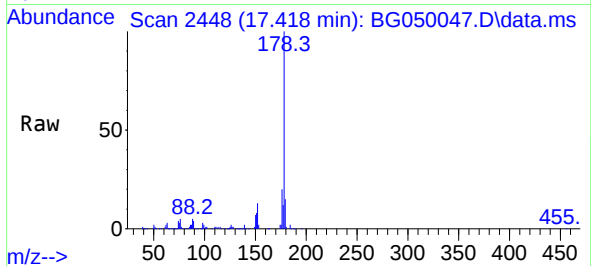
#72
Phenanthrene
Concen: 11.903 ng/uI
RT: 17.418 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

Tgt Ion:178 Resp: 112870
Ion Ratio Lower Upper
178 100
179 14.7 11.7 17.5
176 19.8 16.2 24.2

Instrument :
BNA_G
ClientSampleId :
C0AC2

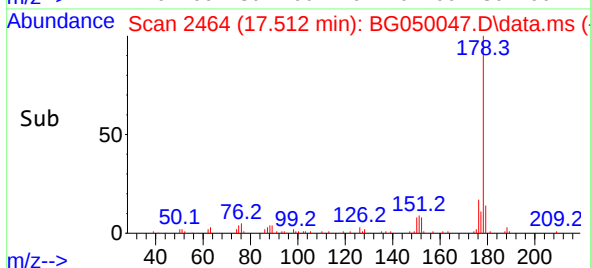
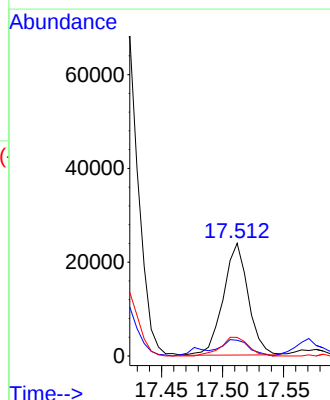
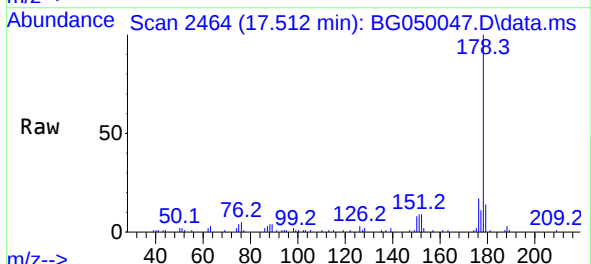
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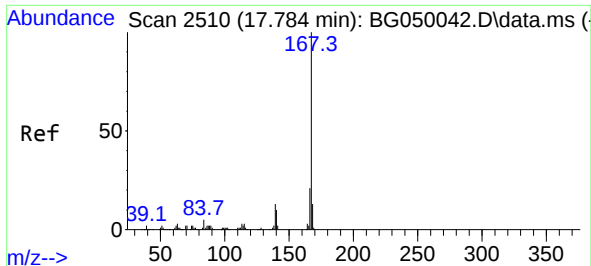
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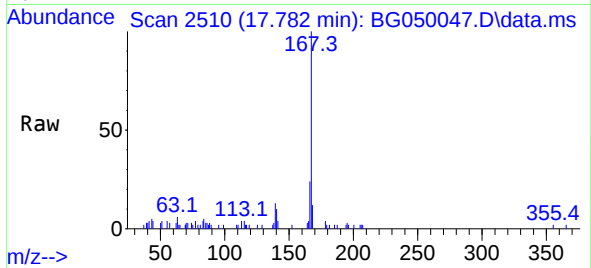
#74
Anthracene
Concen: 3.531 ng/uI
RT: 17.512 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

Tgt Ion:178 Resp: 33932
Ion Ratio Lower Upper
178 100
179 13.9 11.4 17.0
176 16.5 12.8 19.2

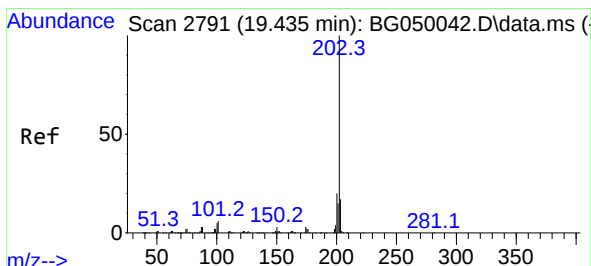
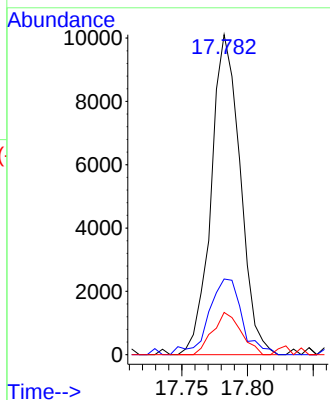
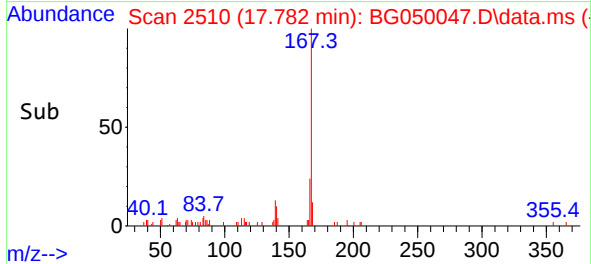




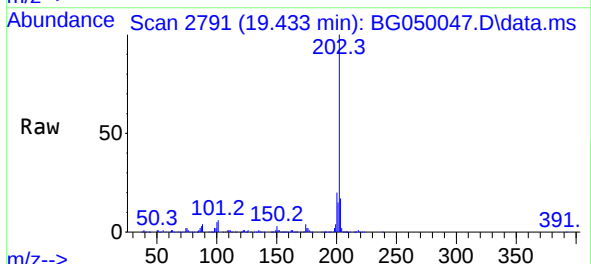
#77
 Carbazole
 Concen: 1.820 ng/ul
 RT: 17.782 min Scan# 2510
 Delta R.T. -0.000 min
 Lab File: BG050047.D
 Acq: 31 Aug 2021 2:42



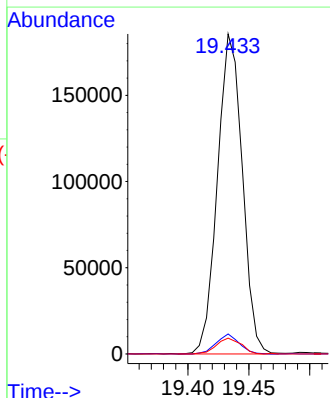
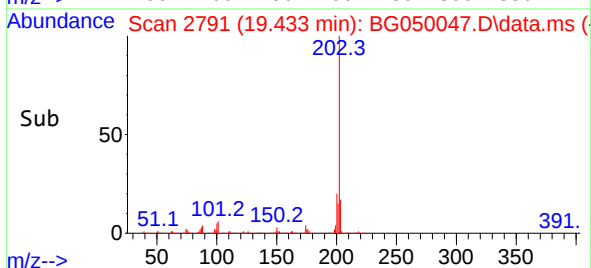
Tgt Ion:	167	Resp:	15564
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.8	26.8
139	13.2	11.1	16.7



#80
 Fluoranthene
 Concen: 23.359 ng/ul
 RT: 19.433 min Scan# 2791
 Delta R.T. -0.000 min
 Lab File: BG050047.D
 Acq: 31 Aug 2021 2:42



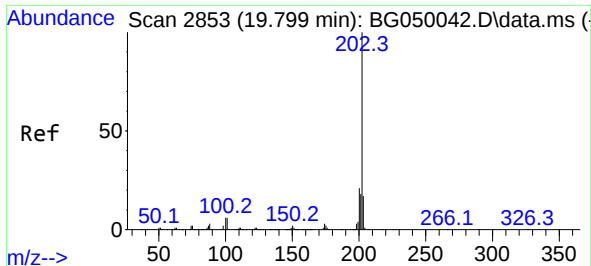
Tgt Ion:	202	Resp:	263282
Ion Ratio	Lower	Upper	
202	100		
101	6.2	4.3	6.5
100	5.0	3.5	5.3



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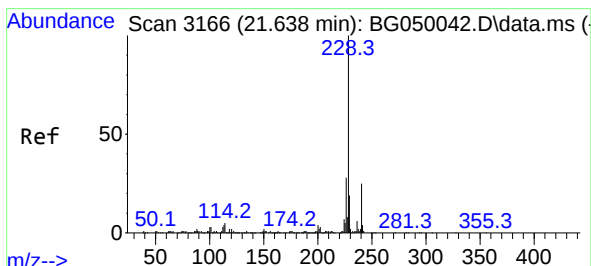
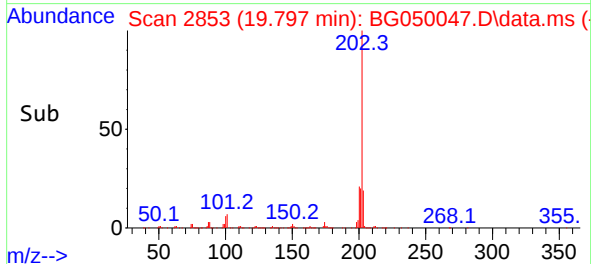
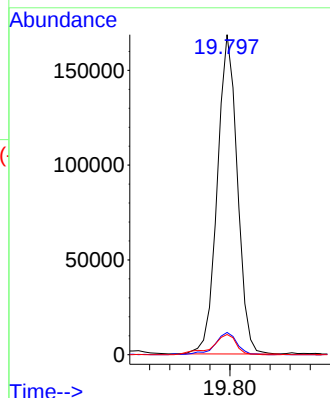
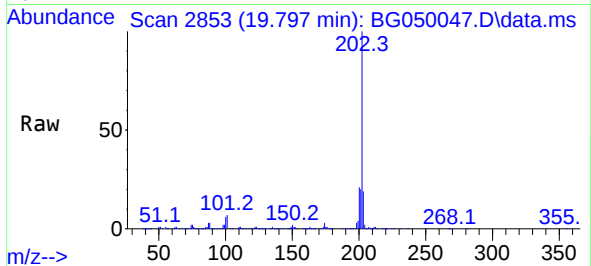
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Pyrene
Concen: 20.852 ng/ul
RT: 19.797 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

Tgt Ion:202 Resp: 232898
Ion Ratio Lower Upper
202 100
101 7.0 5.4 8.0
100 6.3 5.0 7.6

Instrument :
BNA_G
ClientSampled :
C0AC2

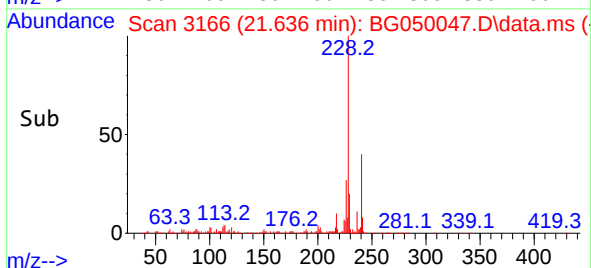
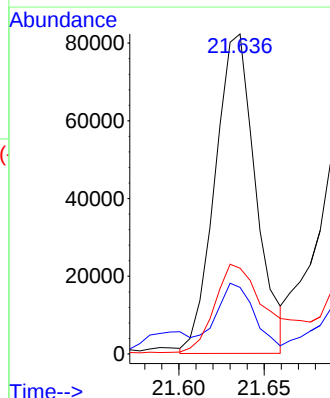
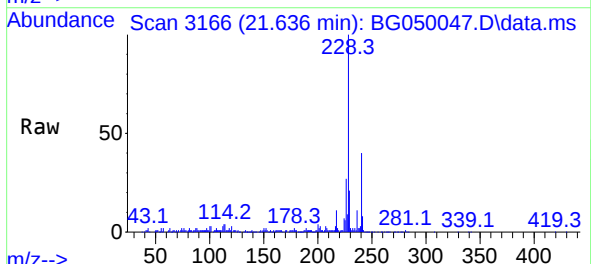
Manual Integrations
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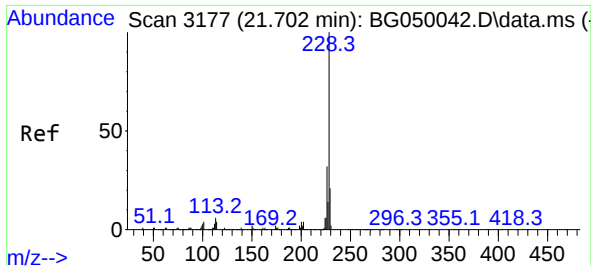
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#85
Benzo(a)anthracene
Concen: 13.011 ng/ul
RT: 21.636 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

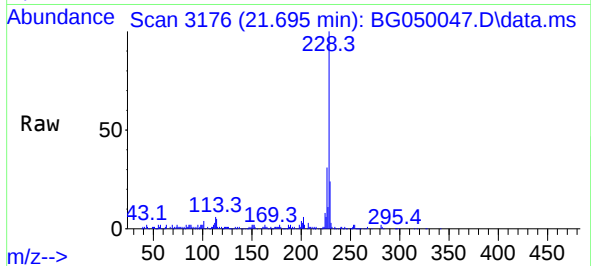
Tgt Ion:228 Resp: 137027
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.4
226 26.8 21.0 31.4





#87
Chrysene
Concen: 12.330 ng/ul
RT: 21.695 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

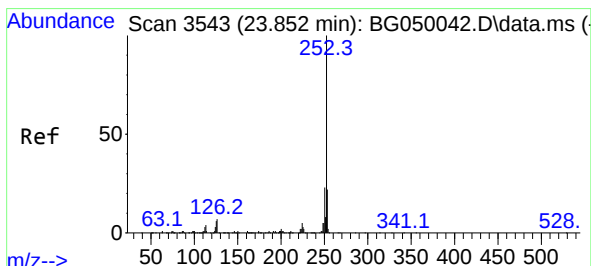
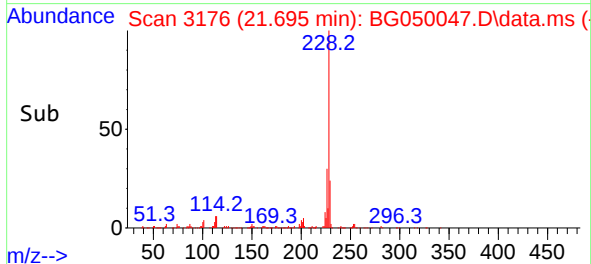
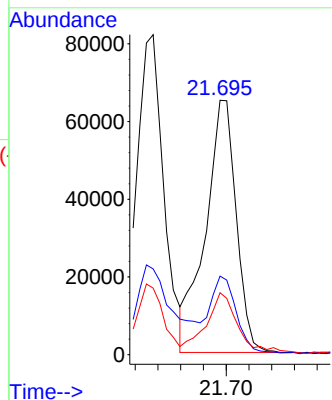
Instrument :
BNA_G
ClientSampled :
C0AC2



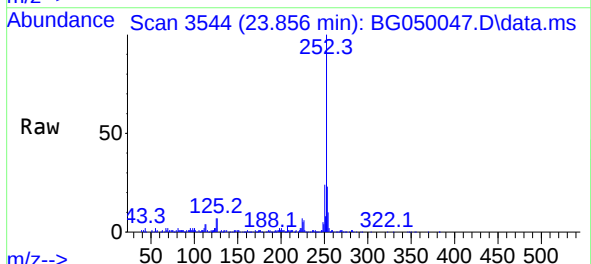
Tgt Ion:228 Resp: 122754
Ion Ratio Lower Upper
228 100
226 30.9 23.0 34.4
229 24.3 17.8 26.6

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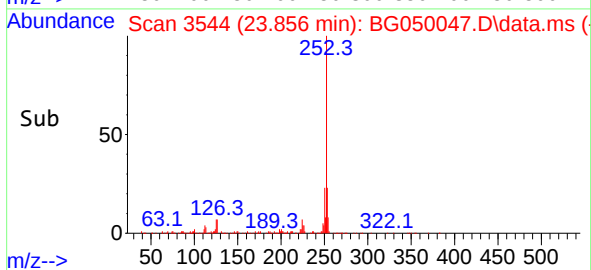
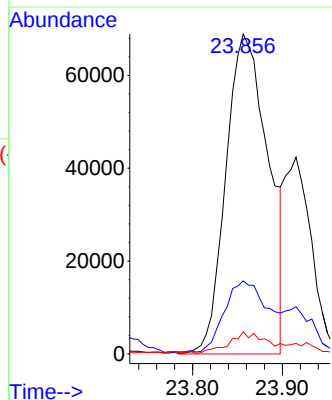
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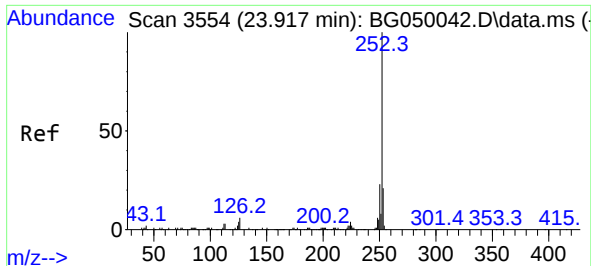


#90
Benzo(b)fluoranthene
Concen: 20.416 ng/ul
RT: 23.856 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42



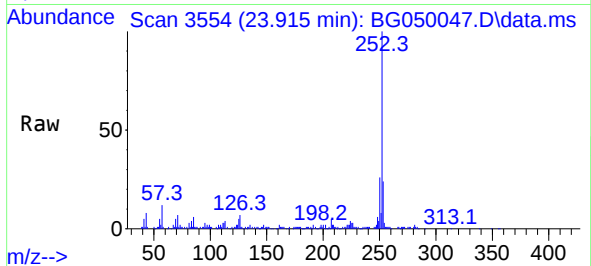
Tgt Ion:252 Resp: 225506
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 6.9 3.4 5.0#





#91
Benzo(k)fluoranthene
Concen: 8.204 ng/ul m
RT: 23.915 min Scan# 3554
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

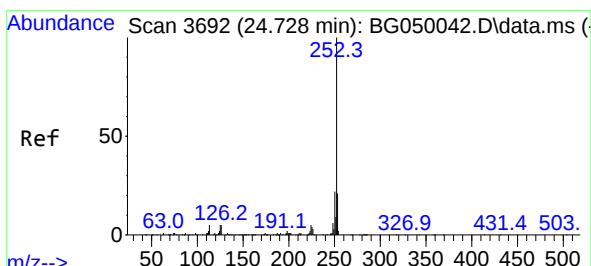
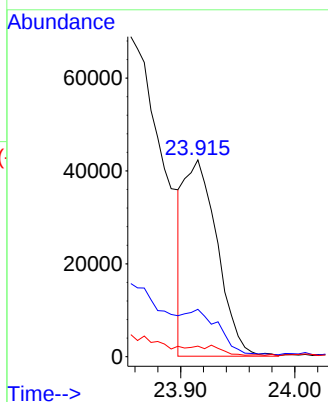
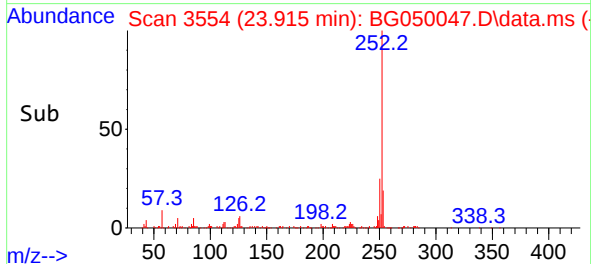
Instrument :
BNA_G
ClientSampled :
C0AC2



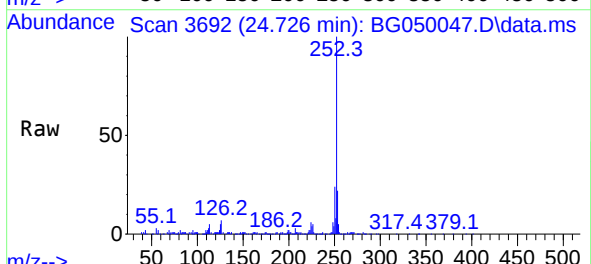
Tgt Ion:252 Resp: 86137
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 5.4 4.1 6.1

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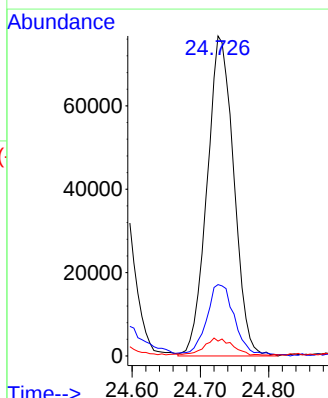
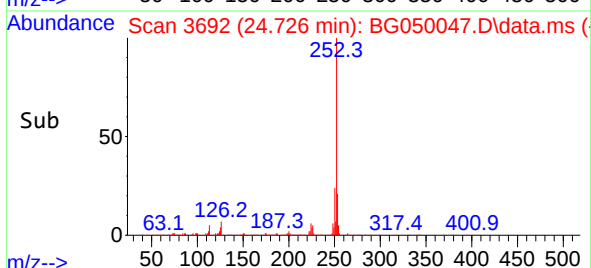
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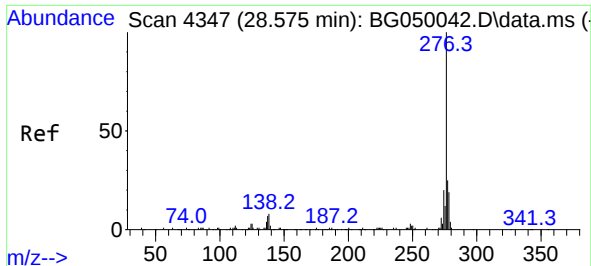


#93
Benzo(a)pyrene
Concen: 21.790 ng/ul
RT: 24.726 min Scan# 3692
Delta R.T. 0.006 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

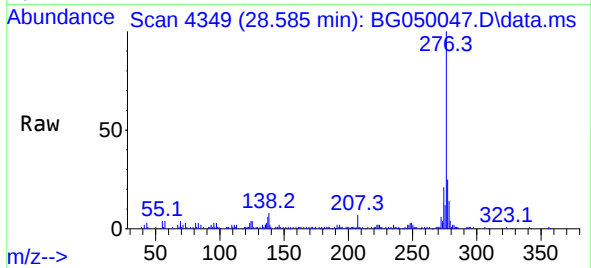


Tgt Ion:252 Resp: 209018
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 4.6 4.4 6.6

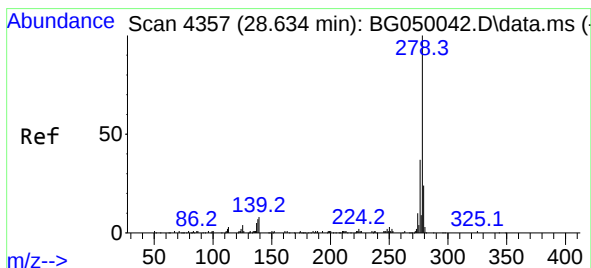
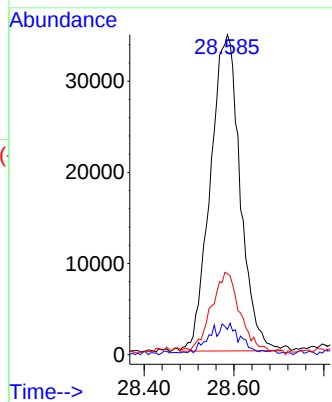
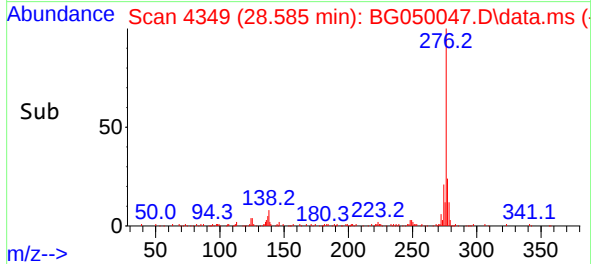




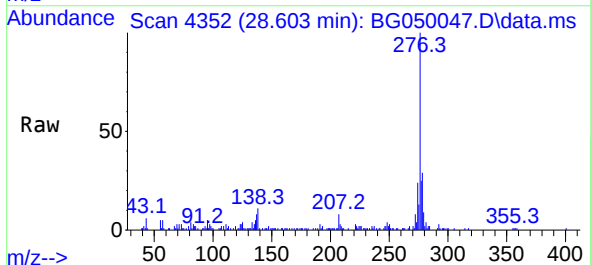
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 12.657 ng/ul
 RT: 28.585 min Scan# 4349
 Delta R.T. 0.018 min
 Lab File: BG050047.D
 Acq: 31 Aug 2021 2:42



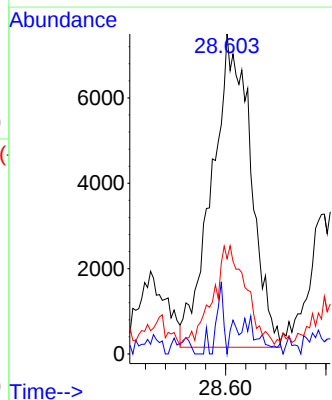
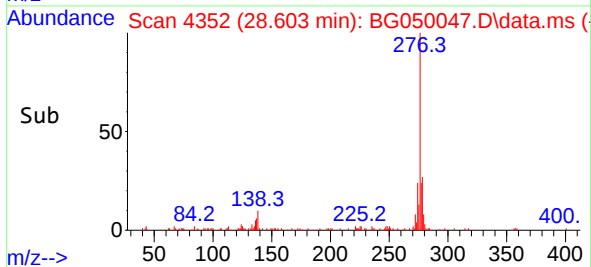
Tgt Ion: 276 Resp: 160152
 Ion Ratio Lower Upper
 276 100
 138 7.9 5.5 8.3
 277 25.4 18.6 27.8



#95
 Dibenzo(a,h)anthracene
 Concen: 3.725 ng/ul m
 RT: 28.603 min Scan# 4352
 Delta R.T. -0.000 min
 Lab File: BG050047.D
 Acq: 31 Aug 2021 2:42



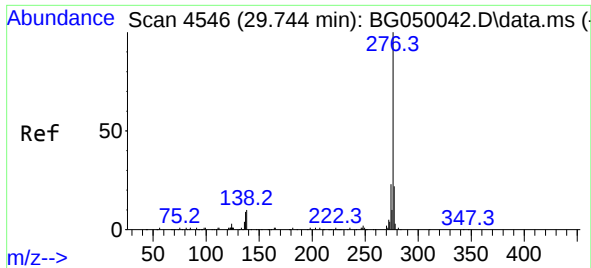
Tgt Ion: 278 Resp: 39463
 Ion Ratio Lower Upper
 278 100
 139 0.0 5.2 7.8#
 279 29.7 19.0 28.4#



Instrument :
 BNA_G
 ClientSampled :
 C0AC2

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#96
Benzo(g,h,i)perylene
Concen: 12.926 ng/ul
RT: 29.743 min Scan# 4546
Delta R.T. 0.029 min
Lab File: BG050047.D
Acq: 31 Aug 2021 2:42

Tgt Ion: 276 Resp: 137510
Ion Ratio Lower Upper
276 100
138 9.6 8.6 13.0
277 27.4 17.4 26.0#

Instrument :
BNA_G
ClientSampleId :
C0AC2

Manual Integrations
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