

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
 Acq On : 3 Sep 2021 11:28
 Operator : CG/JU
 Sample : M3526-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9

Manual Integrations
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Quant Time: Sep 03 12:02:55 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

9/3/2021 3:32:54 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	29006	20.000	ng/ul	0.00
20) Naphthalene-d8	10.772	136	113292	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.613	164	79710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	161562	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	153336	20.000	ng/ul	0.00
88) Perylene-d12	24.870	264	168986	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1951m	3.468	ng/uL	-0.01
4) Pyridine-d5	3.752	84	13153m	7.763	ng/ul	0.00
7) Phenol-d5	7.124	99	40830	16.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	25376	18.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.482	132	30487	16.542	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	30450	15.697	ng/ul	-0.01
21) Nitrobenzene-d5	9.127	128	18840	21.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	18693	17.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	32885	17.629	ng/ul	0.00
31) 4-Chloroaniline-d4	10.907	131	13824m	5.445	ng/ul	-0.01
46) Dimethylphthalate-d6	14.014	166	108711	17.821	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	132697	18.552	ng/ul	0.00
54) 4-Nitrophenol-d4	14.848	143	12312m	13.950	ng/ul	0.00
60) Fluorene-d10	15.606	176	97143	18.782	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.753	200	13397	12.889	ng/ul	0.00
73) Anthracene-d10	17.474	188	140935	19.426	ng/ul	0.00
81) Pyrene-d10	19.765	212	157741	19.037	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.659	264	138537	15.453	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.824	128	124830	22.044	ng/ul	96
36) 2-Methylnaphthalene	12.434	142	49009	11.643	ng/ul	96
37) 1-Methylnaphthalene	12.651	142	42080	9.904	ng/ul	94
43) 1,1'-Biphenyl	13.444	154	9500	1.706	ng/ul	97
52) Acenaphthene	14.678	153	163800	34.541	ng/ul	99
56) Dibenzofuran	15.013	168	166943	25.421	ng/ul	99
61) Fluorene	15.665	166	286941	51.789	ng/ul	97
72) Phenanthrene	17.427	178	2368023m	294.007	ng/ul	
74) Anthracene	17.509	178	729178	89.338	ng/ul#	92
77) Carbazole	17.774	167	157910	21.742	ng/ul	96
80) Fluoranthene	19.442	202	2771199	271.020	ng/ul#	89
82) Pyrene	19.801	202	2117522	208.989	ng/ul#	93
85) Benzo(a)anthracene	21.633	228	1504396	157.456	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.516	149	9475	1.726	ng/ul#	74
87) Chrysene	21.704	228	1150983	127.438	ng/ul	94
90) Benzo(b)fluoranthene	23.866	252	1511729	139.853	ng/ul#	96
91) Benzo(k)fluoranthene	23.918	252	553628m	53.882	ng/ul	
93) Benzo(a)pyrene	24.735	252	895728	95.417	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.589	276	624127	50.401	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.618	278	217605m	20.991	ng/ul	
96) Benzo(g,h,i)perylene	29.711	276	60144	5.777	ng/ul	96

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

Instrument :
BNA_G
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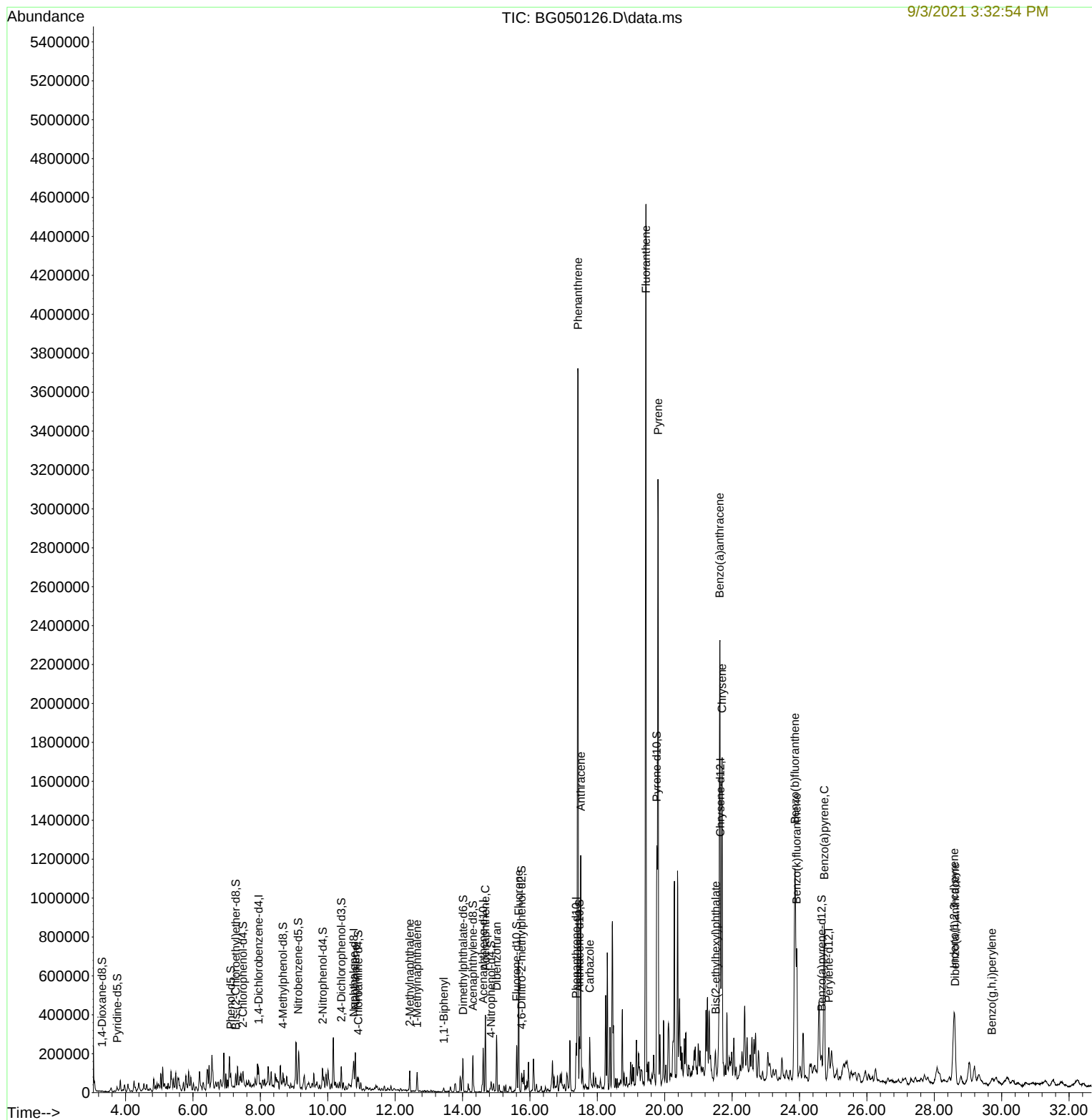
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
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ALS Vial : 28 Sample Multiplier: 1

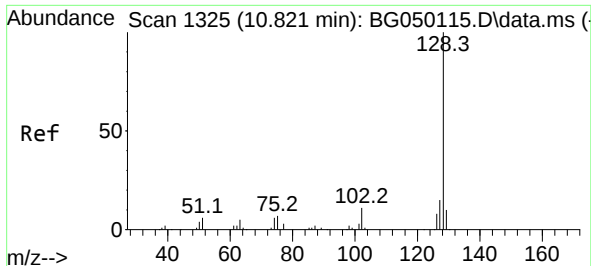
Instrument :
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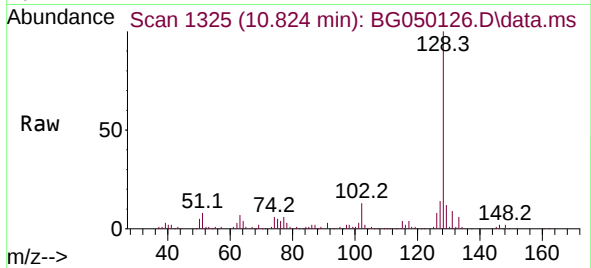
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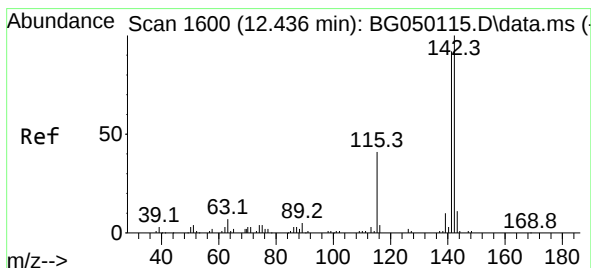
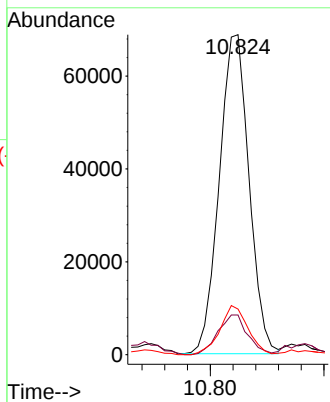
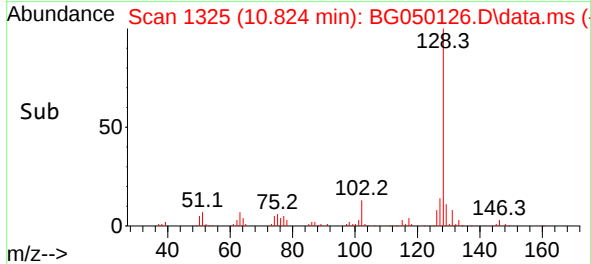




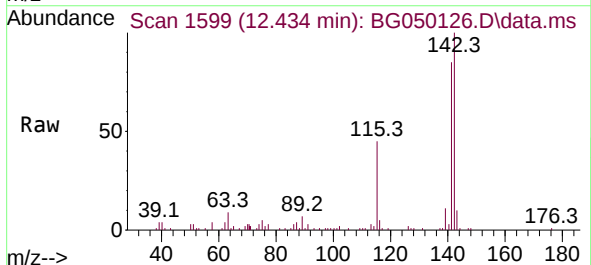
#30
Naphthalene
Concen: 22.044 ng/ul
RT: 10.824 min Scan# 1325
Delta R.T. -0.003 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



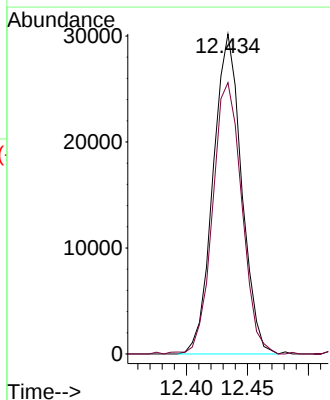
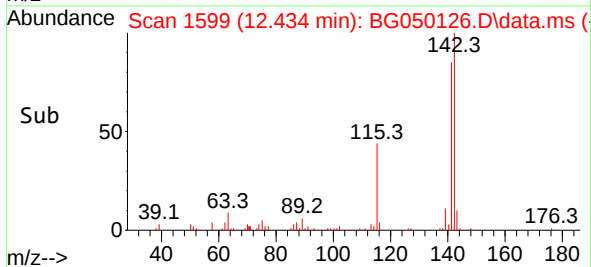
Tgt Ion:	128	Resp:	124830
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.3	13.9
127	14.3	9.8	14.6



#36
2-Methylnaphthalene
Concen: 11.643 ng/ul
RT: 12.434 min Scan# 1599
Delta R.T. -0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



Tgt Ion:	142	Resp:	49009
Ion Ratio	Lower	Upper	
142	100		
141	84.8	70.5	105.7

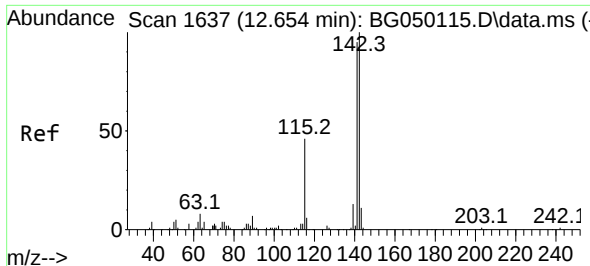


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9/3/2021 3:32:54 PM



#37
1-Methylnaphthalene
Concen: 9.904 ng/ul
RT: 12.651 min Scan# 1636
Delta R.T. -0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

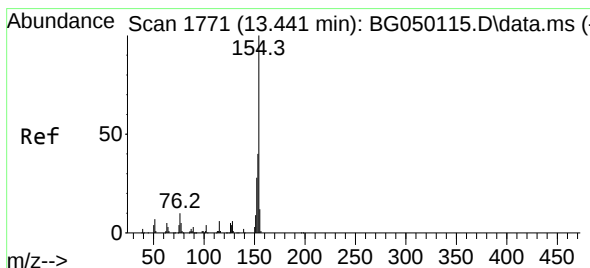
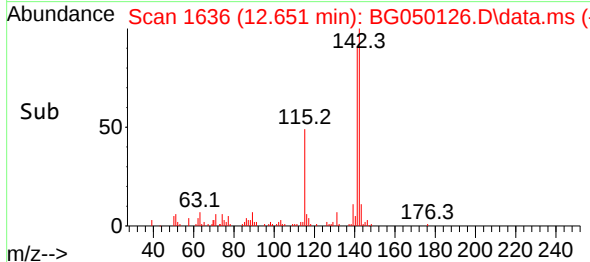
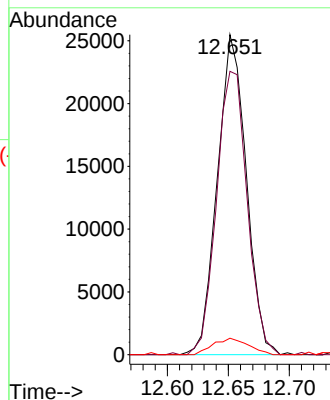
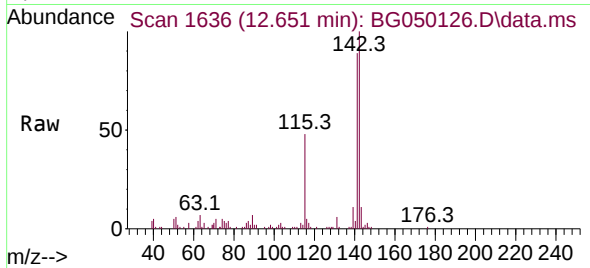
Tgt Ion:142 Resp: 42080
Ion Ratio Lower Upper
142 100
141 88.6 75.8 113.8
116 5.1 3.7 5.5

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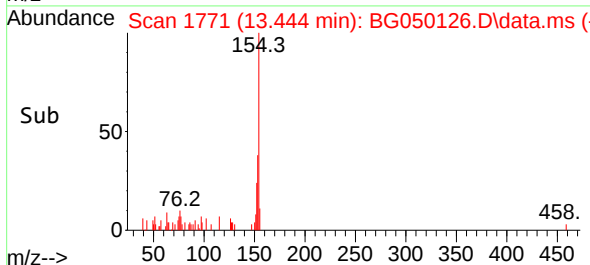
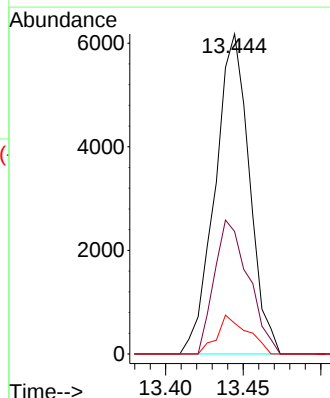
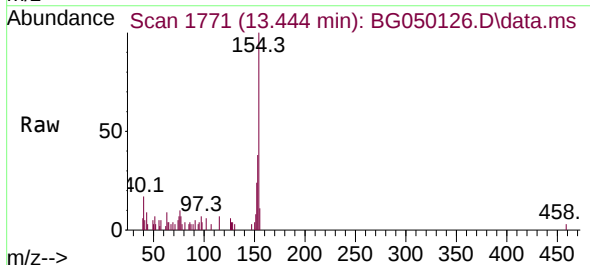
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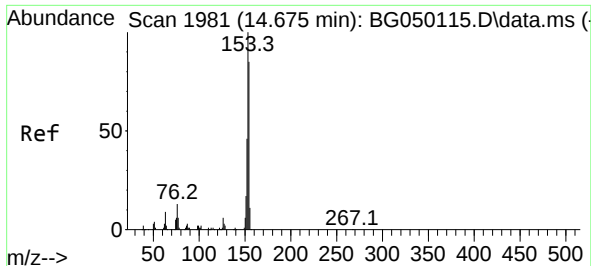
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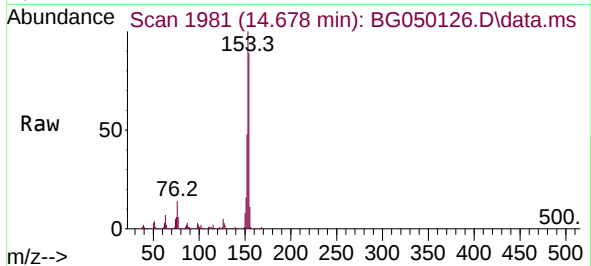
#43
1,1'-Biphenyl
Concen: 1.706 ng/ul
RT: 13.444 min Scan# 1771
Delta R.T. -0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

Tgt Ion:154 Resp: 9500
Ion Ratio Lower Upper
154 100
153 38.2 32.5 48.7
76 9.6 7.8 11.8

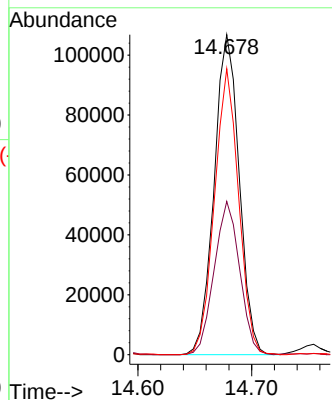
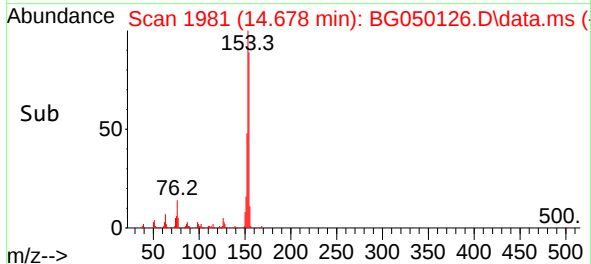




#52
Acenaphthene
Concen: 34.541 ng/ul
RT: 14.678 min Scan# 1981
Delta R.T. -0.008 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



Tgt Ion:153 Resp: 163800
Ion Ratio Lower Upper
153 100
152 47.9 37.4 56.2
154 89.3 71.5 107.3

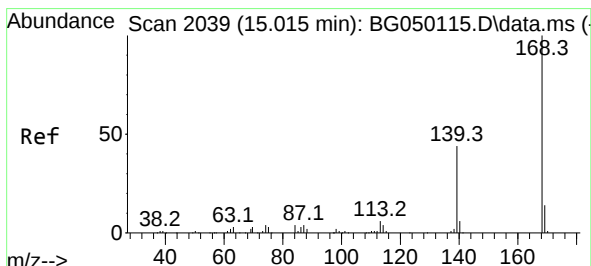


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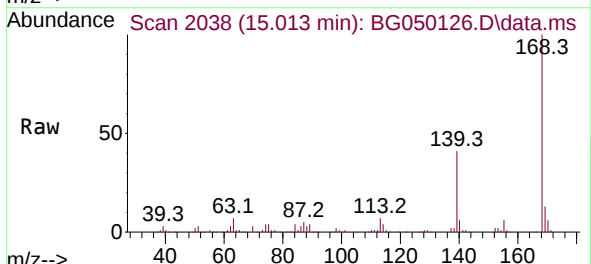
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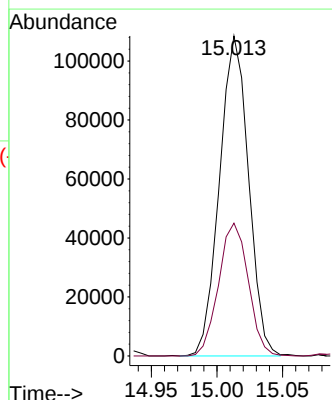
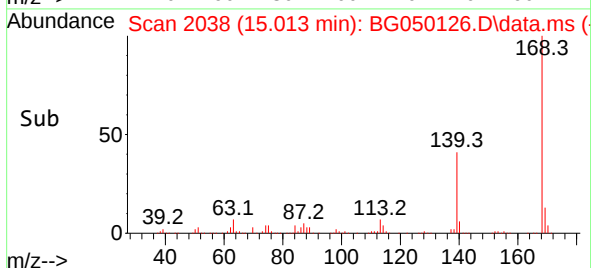
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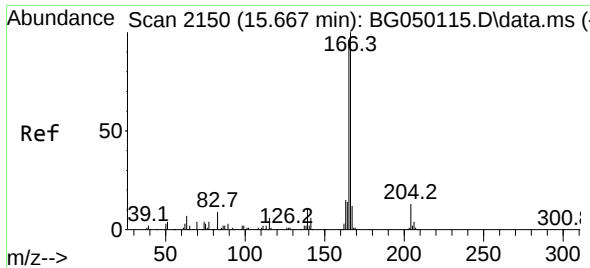


#56
Dibenzofuran
Concen: 25.421 ng/ul
RT: 15.013 min Scan# 2038
Delta R.T. -0.008 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



Tgt Ion:168 Resp: 166943
Ion Ratio Lower Upper
168 100
139 41.5 33.8 50.8





#61
Fluorene
Concen: 51.789 ng/ul
RT: 15.665 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

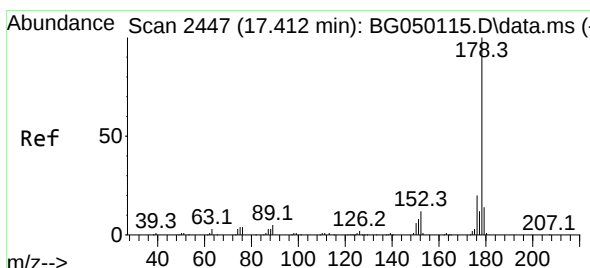
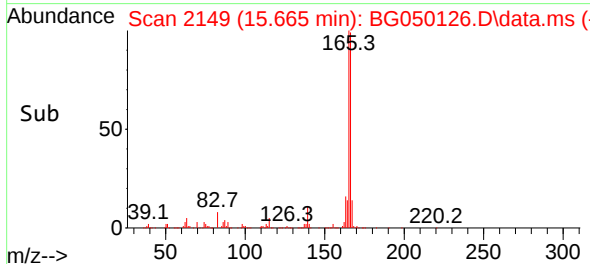
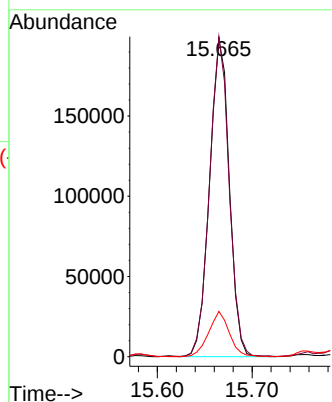
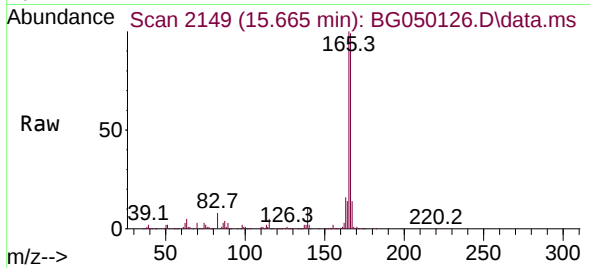
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	83.3	124.9
167	14.3	11.8	17.6

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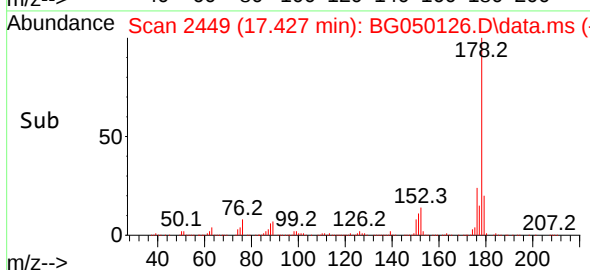
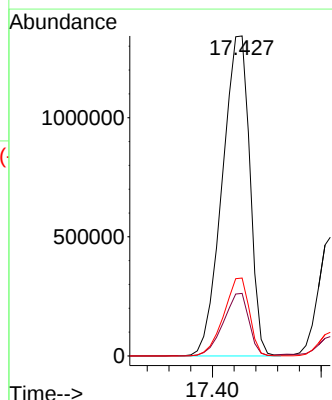
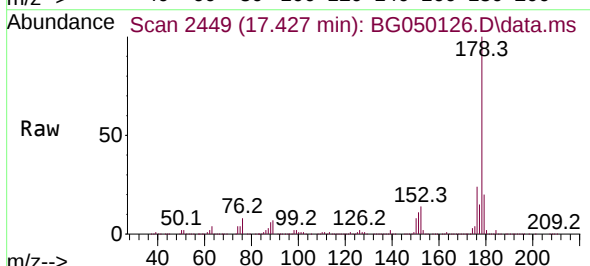
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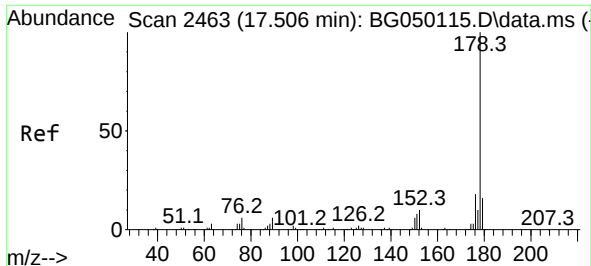
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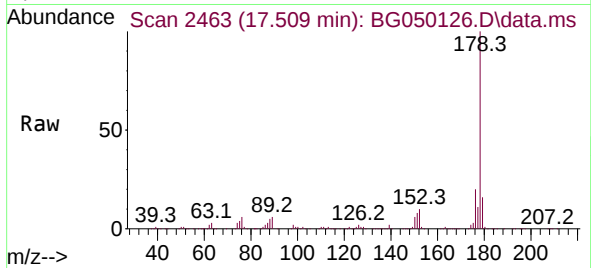
#72
Phenanthrene
Concen: 294.007 ng/ul m
RT: 17.427 min Scan# 2449
Delta R.T. 0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	11.7	17.5#
176	24.4	16.2	24.2#

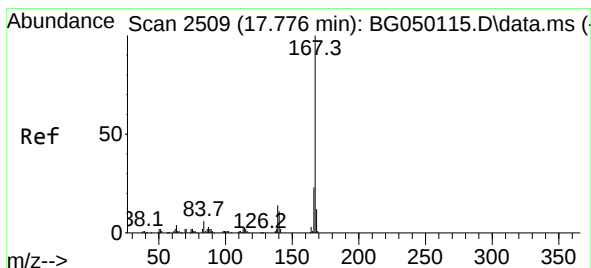
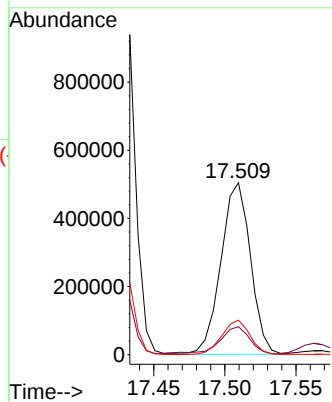
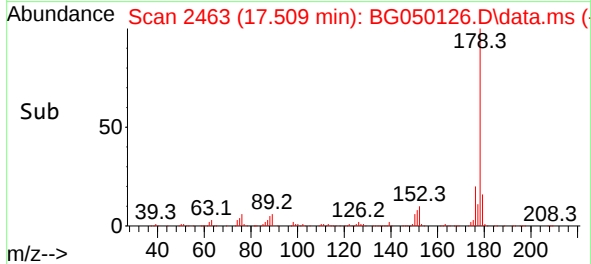




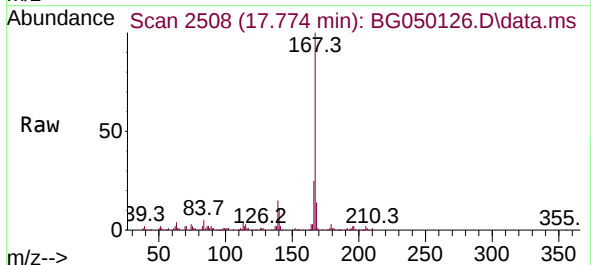
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 Anthracene
 Concen: 89.338 ng/ul
 RT: 17.509 min Scan# 2463
 Delta R.T. 0.003 min
 Lab File: BG050126.D
 Acq: 3 Sep 2021 11:28



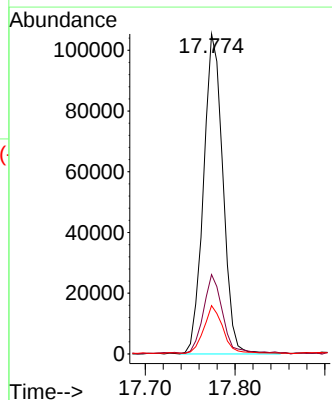
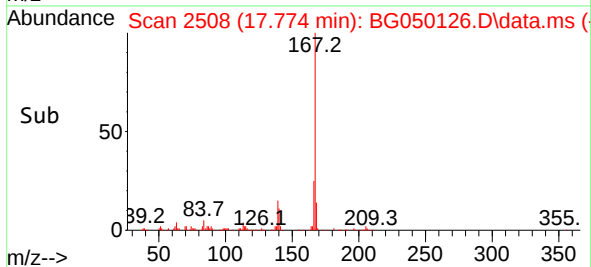
Tgt Ion:178 Resp: 729178
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.4 17.0
 176 20.1 12.8 19.2#



#77
 Carbazole
 Concen: 21.742 ng/ul
 RT: 17.774 min Scan# 2508
 Delta R.T. -0.008 min
 Lab File: BG050126.D
 Acq: 3 Sep 2021 11:28



Tgt Ion:167 Resp: 157910
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.8 26.8
 139 15.1 11.1 16.7

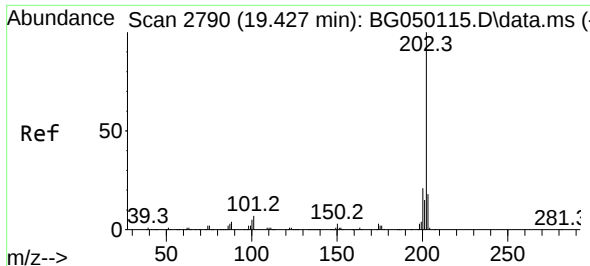


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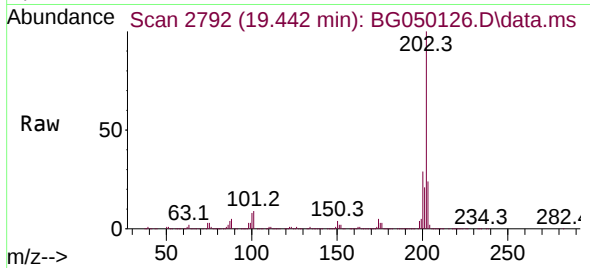
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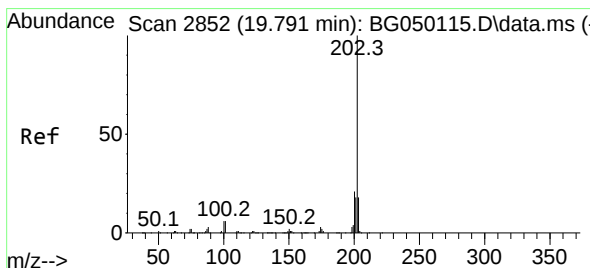
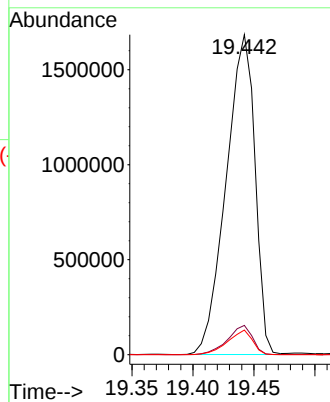
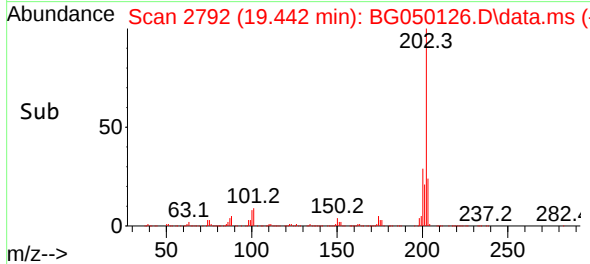
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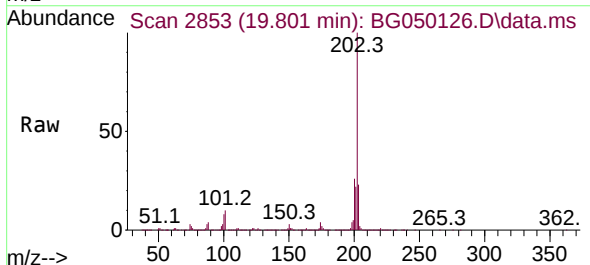
#80
Fluoranthene
Concen: 271.020 ng/u1
RT: 19.442 min Scan# 2792
Delta R.T. 0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



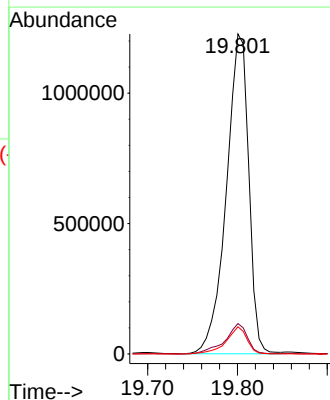
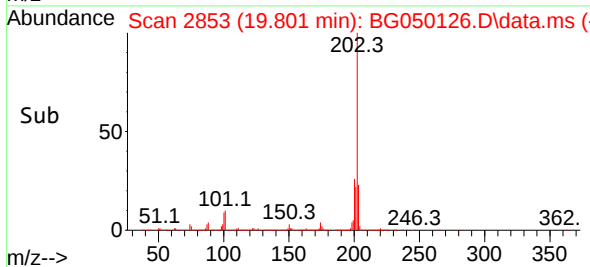
Tgt Ion:202 Resp: 2771199
Ion Ratio Lower Upper
202 100
101 9.1 4.3 6.5#
100 7.7 3.5 5.3#



#82
Pyrene
Concen: 208.989 ng/u1
RT: 19.801 min Scan# 2853
Delta R.T. 0.003 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



Tgt Ion:202 Resp: 2117522
Ion Ratio Lower Upper
202 100
101 9.5 5.4 8.0#
100 8.5 5.0 7.6#

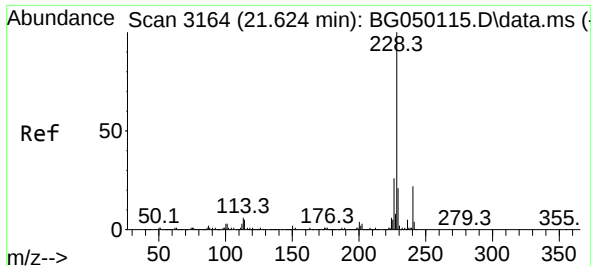


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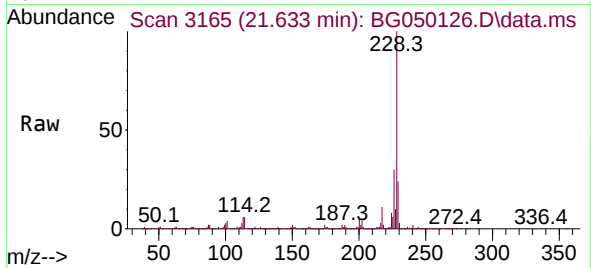
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#85
Benzo(a)anthracene
Concen: 157.456 ng/ul
RT: 21.633 min Scan# 3165
Delta R.T. 0.003 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

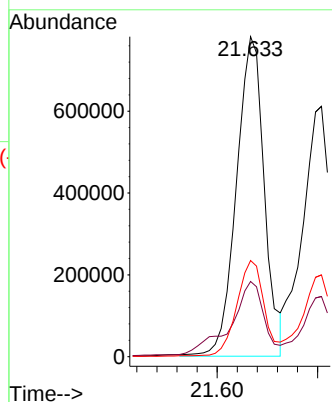
Instrument :
BNA_G
ClientSampleId :
EW7B9



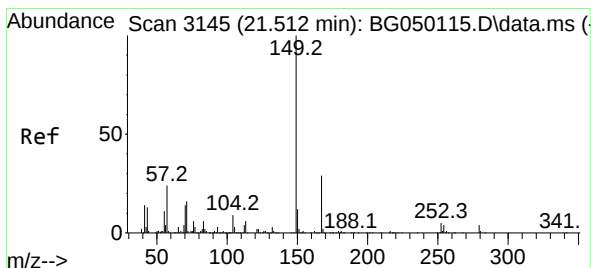
Tgt Ion:228 Resp: 1504396
Ion Ratio Lower Upper
228 100
229 23.5 16.2 24.4
226 30.0 21.0 31.4

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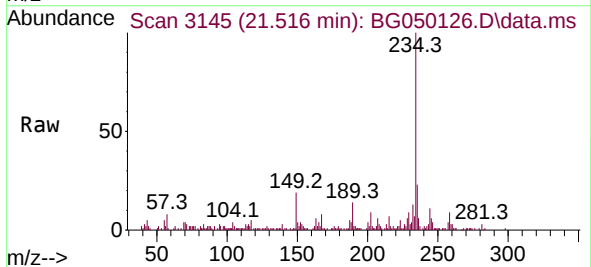
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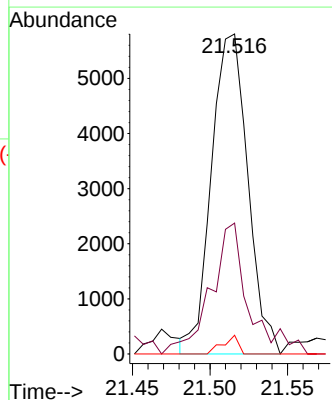
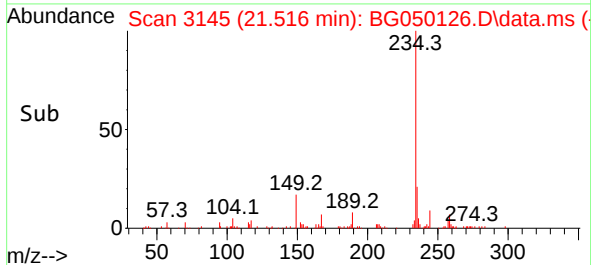
9/3/2021 3:32:54 PM

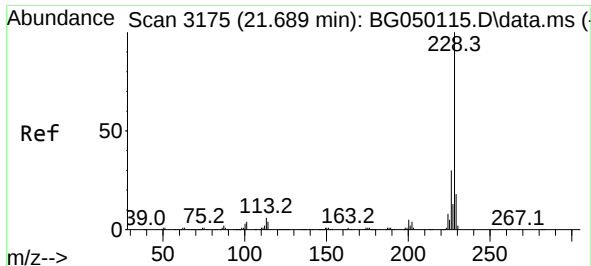


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.726 ng/ul
RT: 21.516 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



Tgt Ion:149 Resp: 9475
Ion Ratio Lower Upper
149 100
167 40.9 20.4 30.6#
279 5.9 3.7 5.5#





#87
Chrysene
Concen: 127.438 ng/ul
RT: 21.704 min Scan# 3177
Delta R.T. 0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

Tgt Ion:228 Resp: 1150983

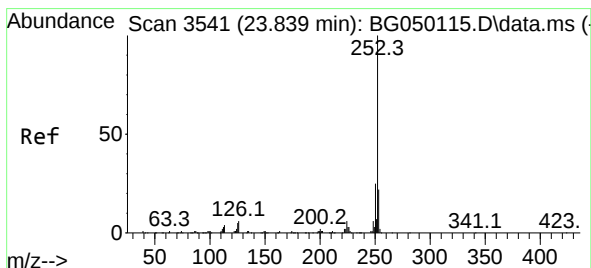
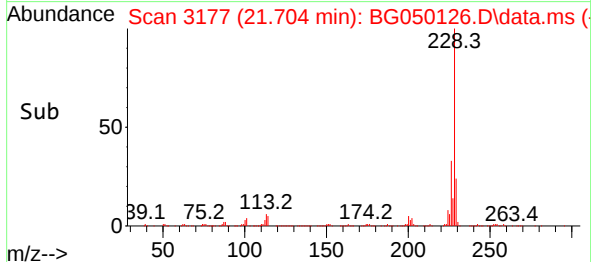
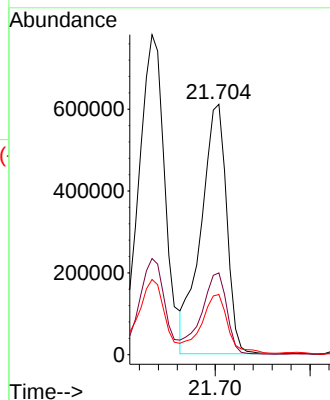
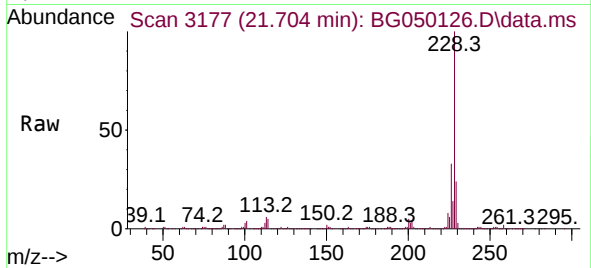
Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.0	34.4
229	24.0	17.8	26.6

Instrument :
BNA_G
ClientSampleId :
EW7B9

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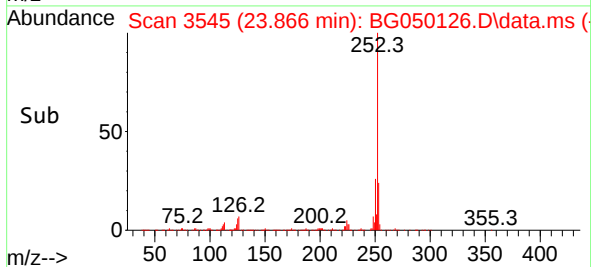
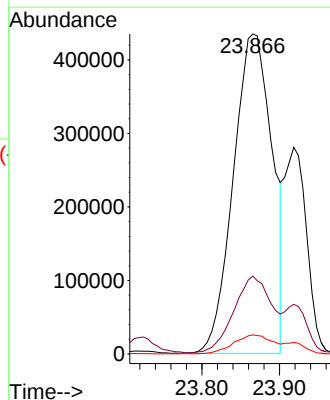
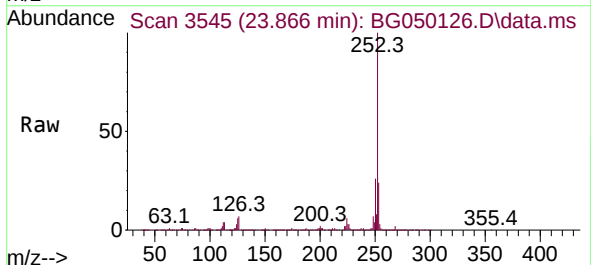
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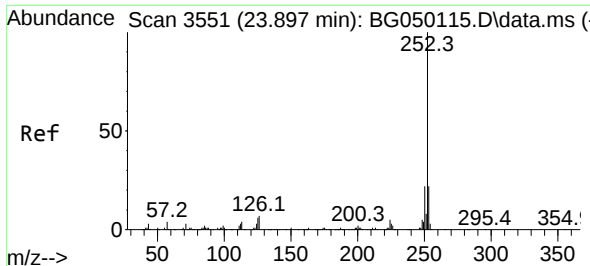


#90
Benzo(b)fluoranthene
Concen: 139.853 ng/ul
RT: 23.866 min Scan# 3545
Delta R.T. 0.021 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

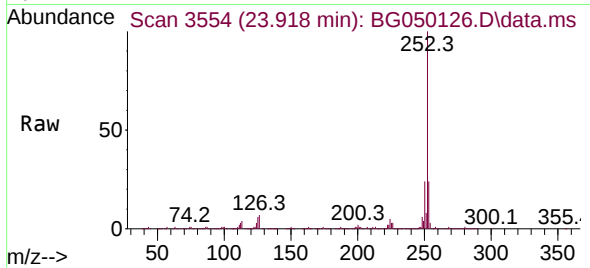
Tgt Ion:252 Resp: 1511729

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	6.0	3.4	5.0

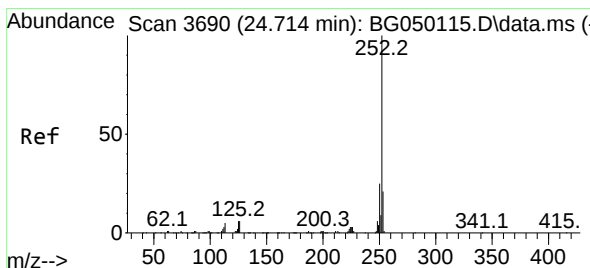
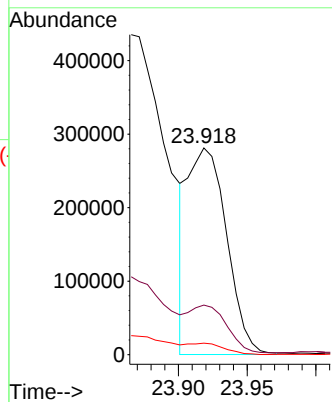
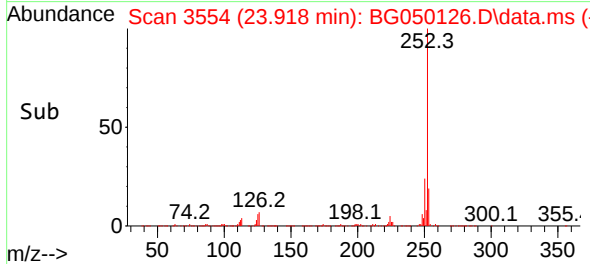




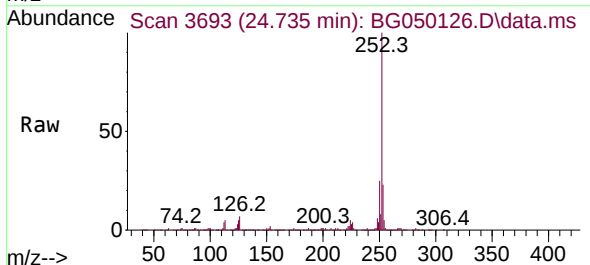
#91
Benzo(k)fluoranthene
Concen: 53.882 ng/ul m
RT: 23.918 min Scan# 3554
Delta R.T. 0.009 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



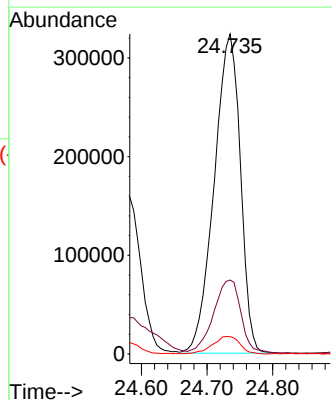
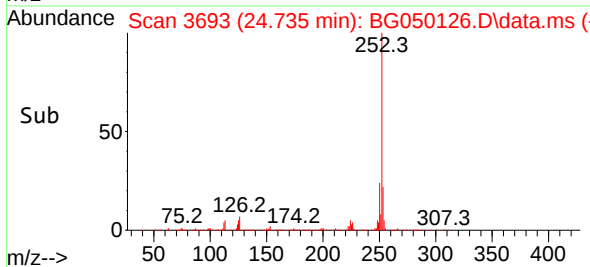
Tgt Ion:252 Resp: 553628
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 5.6 4.1 6.1



#93
Benzo(a)pyrene
Concen: 95.417 ng/ul
RT: 24.735 min Scan# 3693
Delta R.T. 0.015 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28



Tgt Ion:252 Resp: 895728
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 5.4 4.4 6.6

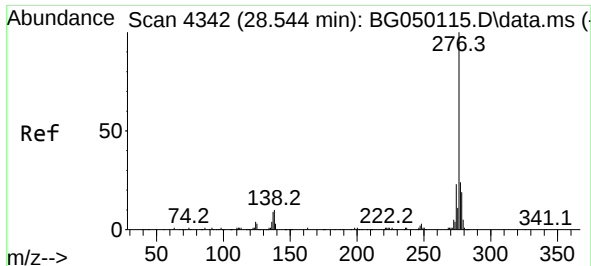


Instrument :
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ClientSampleId :
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9/3/2021 3:32:54 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 50.401 ng/ul
RT: 28.589 min Scan# 4349
Delta R.T. 0.021 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

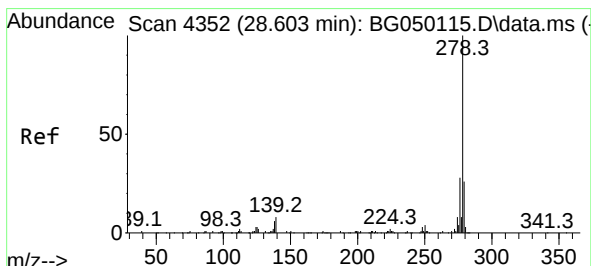
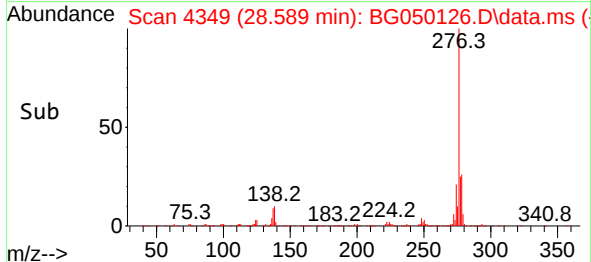
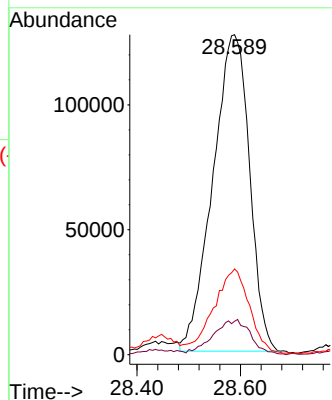
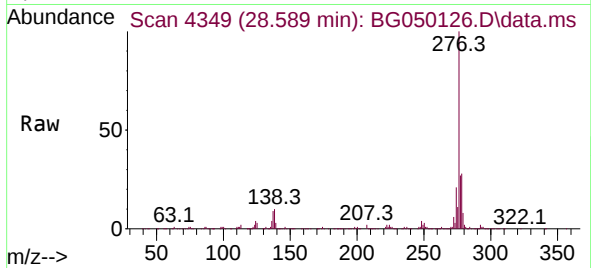
Tgt Ion:276 Resp: 624127
Ion Ratio Lower Upper
276 100
138 10.5 5.5 8.3#
277 26.8 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
EW7B9

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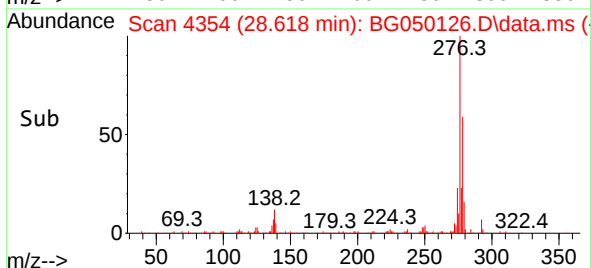
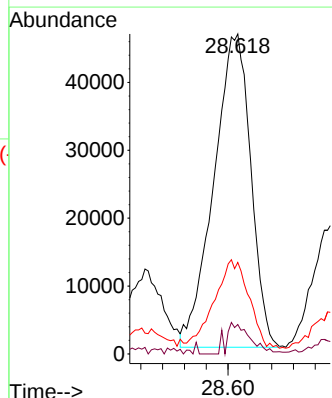
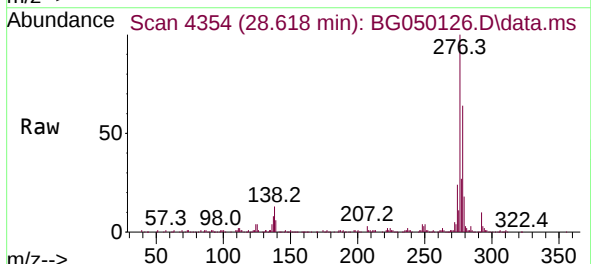
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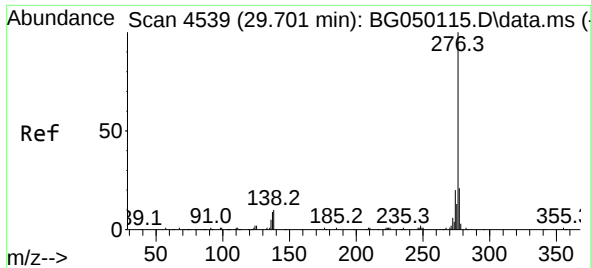
9/3/2021 3:32:54 PM



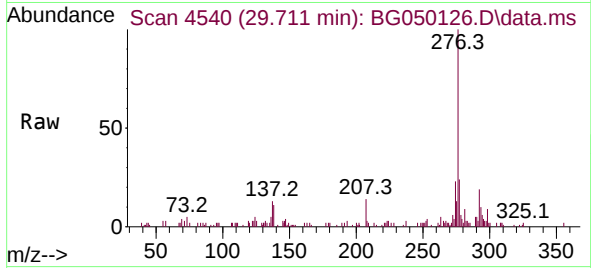
#95
Dibenzo(a,h)anthracene
Concen: 20.991 ng/ul m
RT: 28.618 min Scan# 4354
Delta R.T. 0.015 min
Lab File: BG050126.D
Acq: 3 Sep 2021 11:28

Tgt Ion:278 Resp: 217605
Ion Ratio Lower Upper
278 100
139 9.2 5.2 7.8#
279 28.6 19.0 28.4#

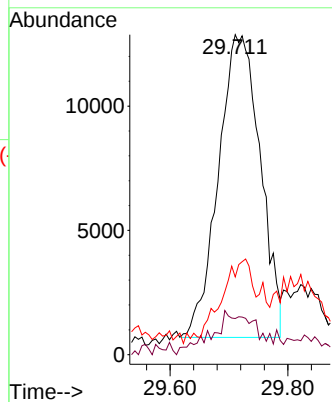
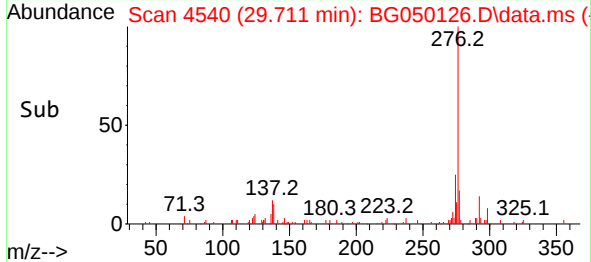




#96
 Benzo(g,h,i)perylene
 Concen: 5.777 ng/ul
 RT: 29.711 min Scan# 4540
 Delta R.T. -0.003 min
 Lab File: BG050126.D
 Acq: 3 Sep 2021 11:28



Tgt Ion:	276	Resp:	60144
Ion Ratio	Lower	Upper	
276	100		
138	11.3	8.6	13.0
277	24.3	17.4	26.0



Instrument :
 BNA_G
 ClientSampleId :
 EW7B9

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9/3/2021 3:32:54 PM