

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051247.D
 Acq On : 25 Nov 2021 16:39
 Operator : CG/JU
 Sample : M4779-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L17

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 02:34:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	37027	20.000	ng/u1	0.00
20) Naphthalene-d8	11.026	136	165263	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	102652	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	204699	20.000	ng/u1	0.00
79) Chrysene-d12	21.884	240	186041	20.000	ng/u1	0.00
88) Perylene-d12	25.291	264	188207	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	4321	4.055	ng/uL	0.00
4) Pyridine-d5	3.975	84	26289	8.408	ng/u1	0.00
7) Phenol-d5	7.365	99	28649	7.829	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	82102	35.722	ng/u1	0.00
11) 2-Chlorophenol-d4	7.730	132	76184	28.910	ng/u1	0.00
15) 4-Methylphenol-d8	8.916	113	54847	18.573	ng/u1	0.00
21) Nitrobenzene-d5	9.381	128	53836	38.590	ng/u1	0.00
24) 2-Nitrophenol-d4	10.103	143	59589	37.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	93414	34.986	ng/u1	0.00
31) 4-Chloroaniline-d4	11.167	131	105017	26.880	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	330889	41.893	ng/u1	0.00
49) Acenaphthylene-d8	14.533	160	407569	40.921	ng/u1	0.00
54) 4-Nitrophenol-d4	15.062	143	12091	9.457	ng/u1	0.01
60) Fluorene-d10	15.826	176	297697	41.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	36368	28.792	ng/u1	0.00
73) Anthracene-d10	17.683	188	435804	44.515	ng/u1	0.00
81) Pyrene-d10	19.962	212	474490	42.151	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.062	264	439696	43.744	ng/u1	0.02
Target Compounds					Qvalue	
13) 2-Methylphenol	8.652	108	2939	1.041	ng/u1	91
26) 2,4-Dimethylphenol	10.221	107	19089	5.728	ng/u1#	90
29) 2,4-Dichlorophenol	10.720	162	3945	1.501	ng/u1#	87
30) Naphthalene	11.079	128	73497	8.173	ng/u1	97
37) 1-Methylnaphthalene	12.888	142	58556	9.305	ng/u1#	97
43) 1,1'-Biphenyl	13.664	154	29833	3.891	ng/u1	97
52) Acenaphthene	14.904	153	496326	76.481	ng/u1	96
56) Dibenzofuran	15.233	168	303583	32.433	ng/u1	100
61) Fluorene	15.879	166	284923	38.001	ng/u1	99
72) Phenanthrene	17.624	178	74069	6.553	ng/u1	98
74) Anthracene	17.718	178	15132m	1.348	ng/u1	
77) Carbazole	17.994	167	407774	41.387	ng/u1	98
80) Fluoranthene	19.627	202	19100	1.381	ng/u1	97

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

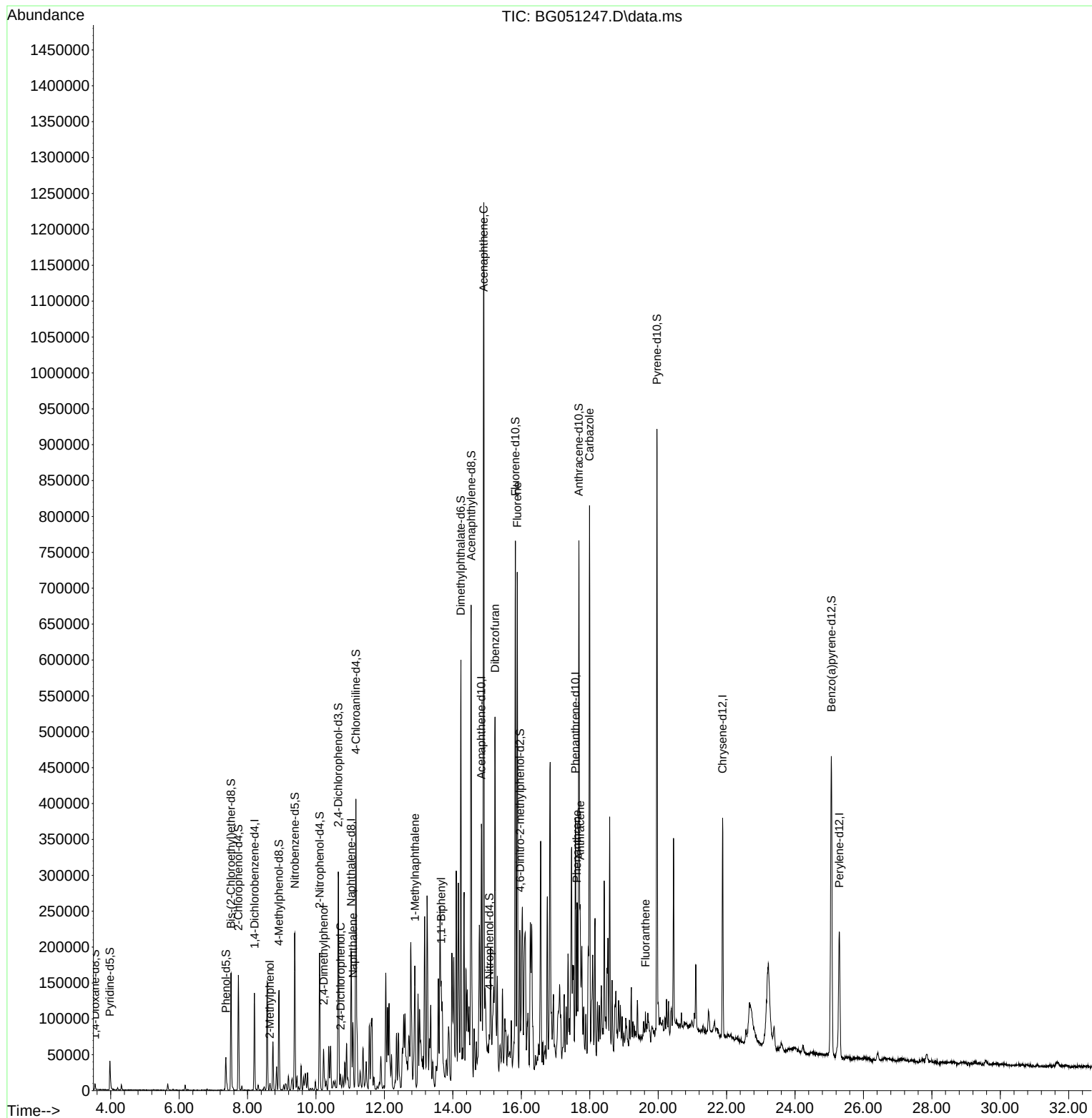
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051247.D
Acq On : 25 Nov 2021 16:39
Operator : CG/JU
Sample : M4779-07
Misc :
ALS Vial : 71 Sample Multiplier: 1

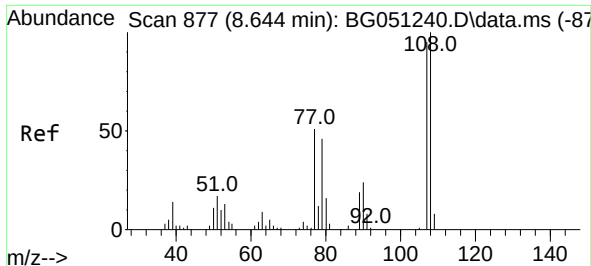
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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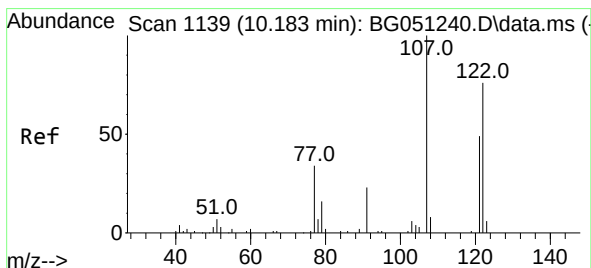
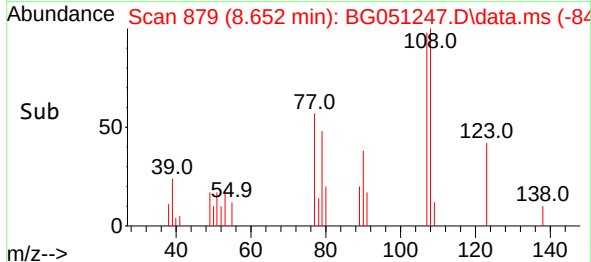
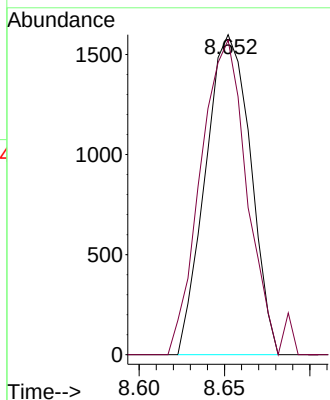
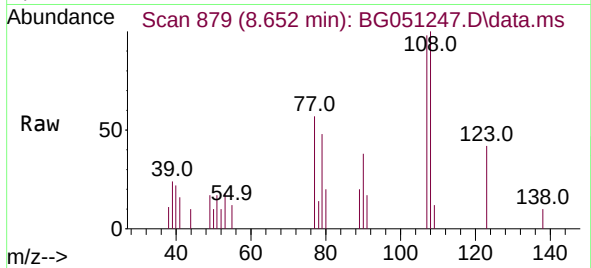
#13
2-Methylphenol
Concen: 1.041 ng/ul
RT: 8.652 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:108 Resp: 2939
Ion Ratio Lower Upper
108 100
107 98.3 71.8 107.6

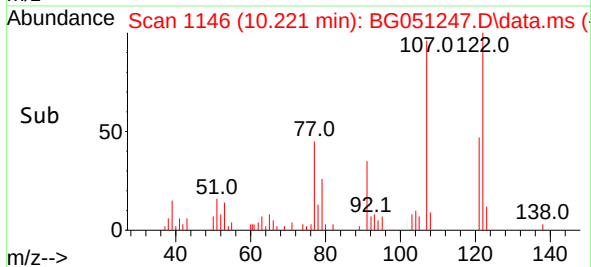
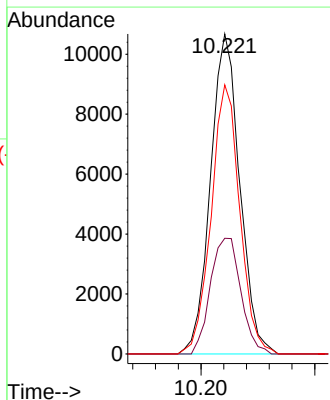
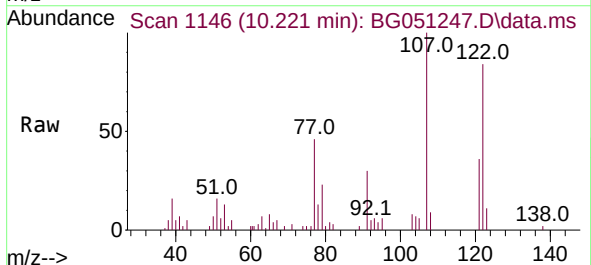
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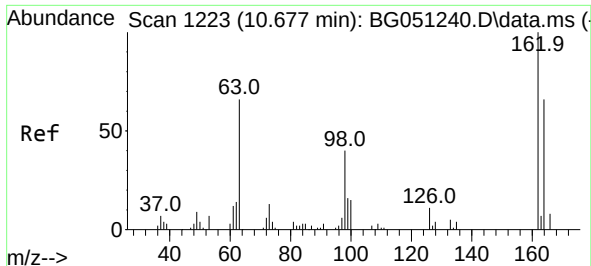
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#26
2,4-Dimethylphenol
Concen: 5.728 ng/ul
RT: 10.221 min Scan# 1146
Delta R.T. 0.038 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39

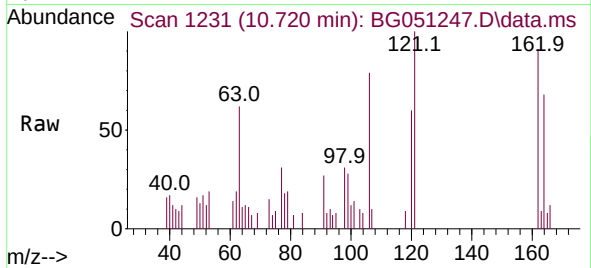
Tgt Ion:107 Resp: 19089
Ion Ratio Lower Upper
107 100
121 36.2 39.3 58.9#
122 84.1 63.7 95.5





#29
2,4-Dichlorophenol
Concen: 1.501 ng/ul
RT: 10.720 min Scan# 1231
Delta R.T. 0.044 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39

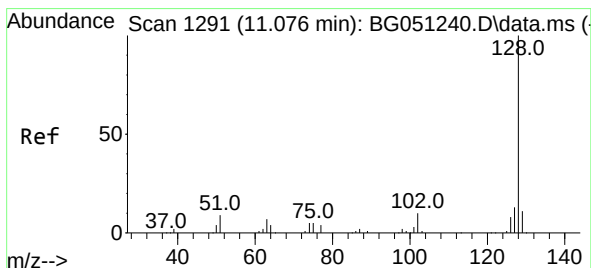
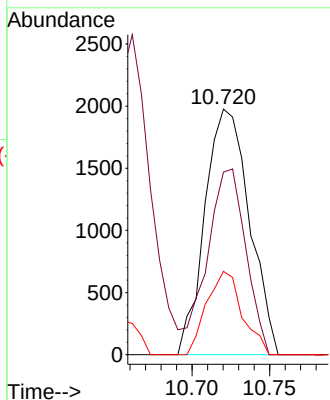
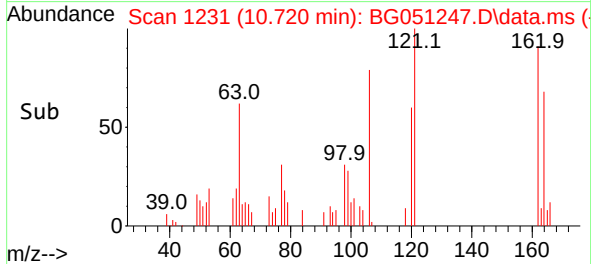
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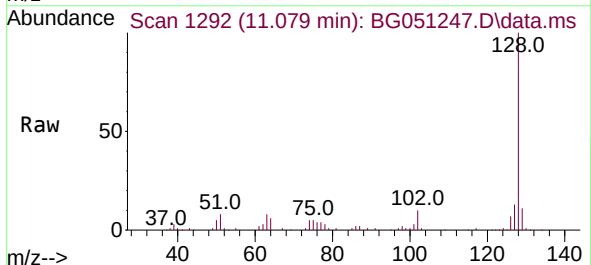
Tgt Ion:162 Resp: 3945
Ion Ratio Lower Upper
162 100
164 74.3 49.4 74.0
98 34.0 30.4 45.6

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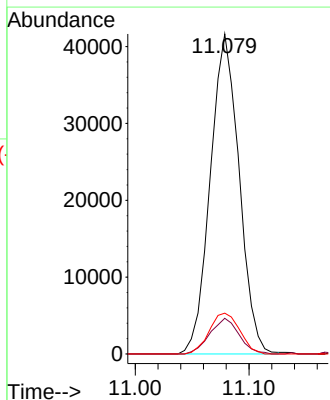
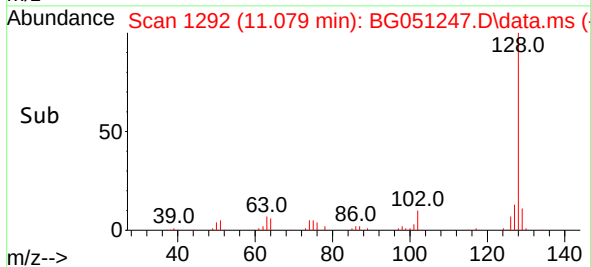
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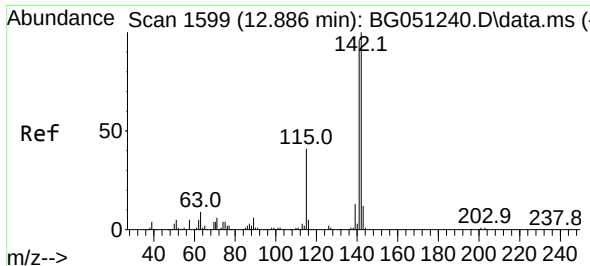


#30
Naphthalene
Concen: 8.173 ng/ul
RT: 11.079 min Scan# 1292
Delta R.T. 0.003 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39



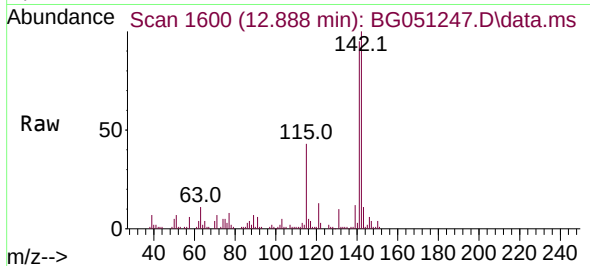
Tgt Ion:128 Resp: 73497
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 12.7 11.8 17.6





#37
1-Methylnaphthalene
Concen: 9.305 ng/ul
RT: 12.888 min Scan# 1599
Delta R.T. 0.002 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39

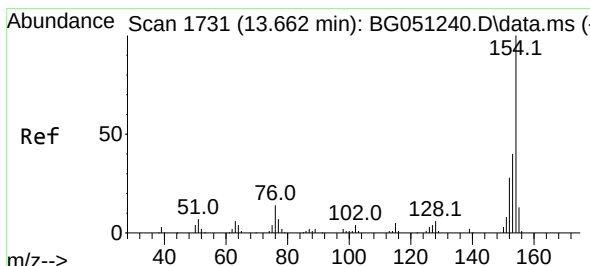
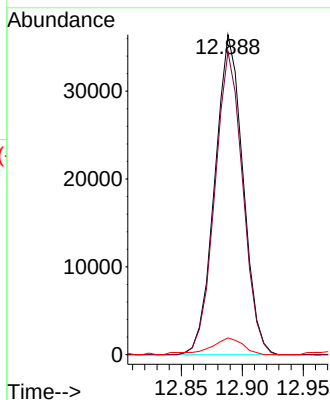
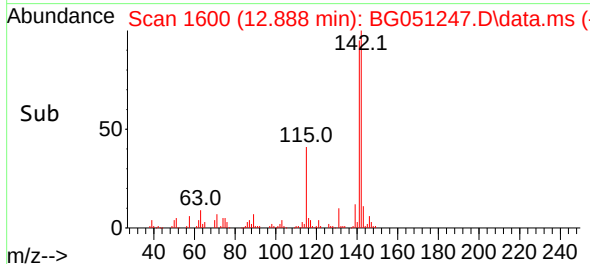
Instrument :
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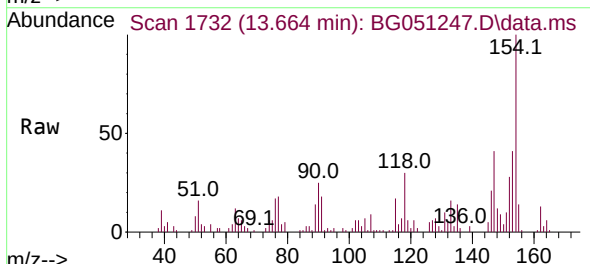
Tgt Ion:142 Resp: 58550
Ion Ratio Lower Upper
142 100
141 94.7 77.8 116.8
116 5.2 3.3 4.9

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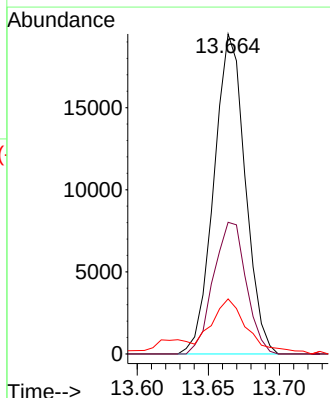
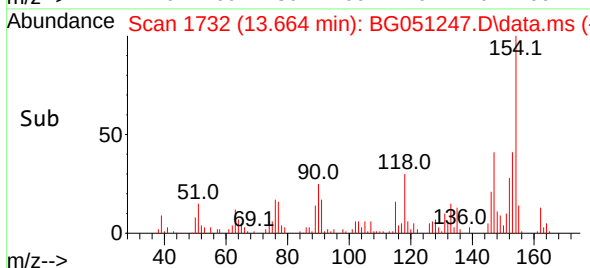
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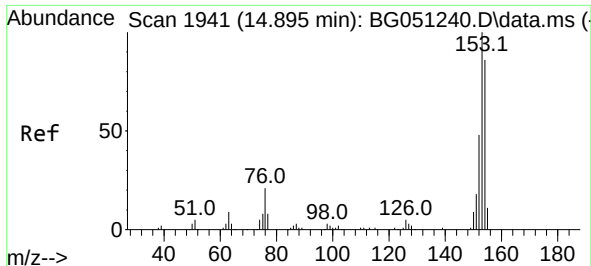


#43
1,1'-Biphenyl
Concen: 3.891 ng/ul
RT: 13.664 min Scan# 1732
Delta R.T. -0.003 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39



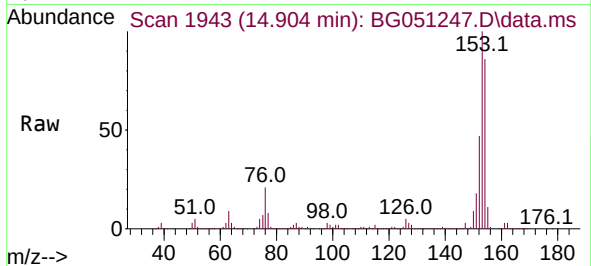
Tgt Ion:154 Resp: 29833
Ion Ratio Lower Upper
154 100
153 41.2 34.5 51.7
76 17.2 13.1 19.7





#52
Acenaphthene
Concen: 76.481 ng/uI
RT: 14.904 min Scan# 1943
Delta R.T. 0.008 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39

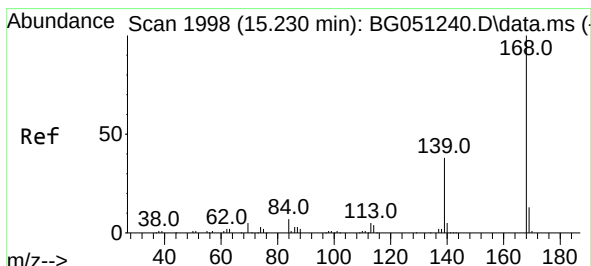
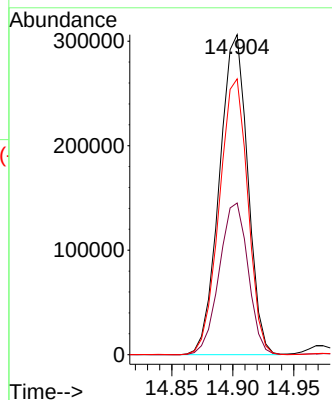
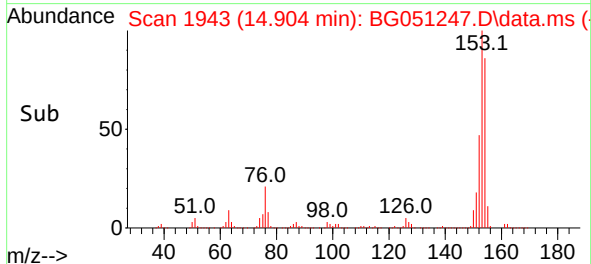
Instrument :
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ClientSampleId :
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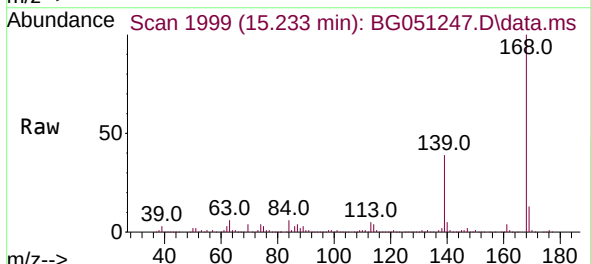
Tgt Ion:153 Resp: 496320
Ion Ratio Lower Upper
153 100
152 47.4 36.5 54.7
154 86.2 65.8 98.6

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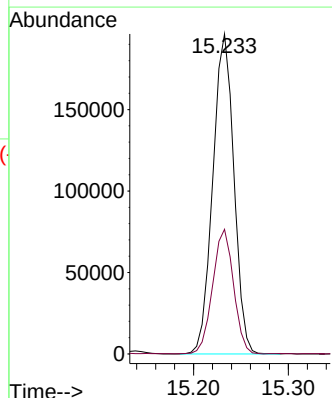
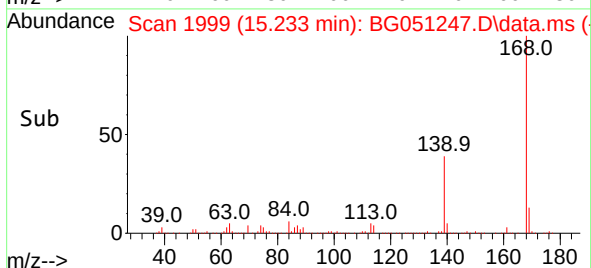
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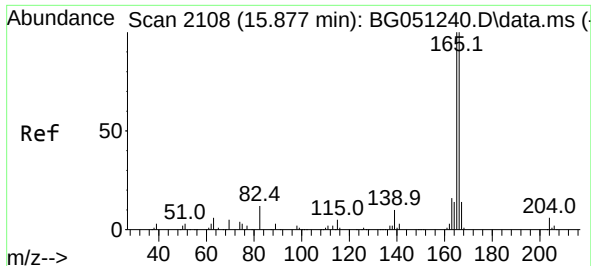


#56
Dibenzofuran
Concen: 32.433 ng/uI
RT: 15.233 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39



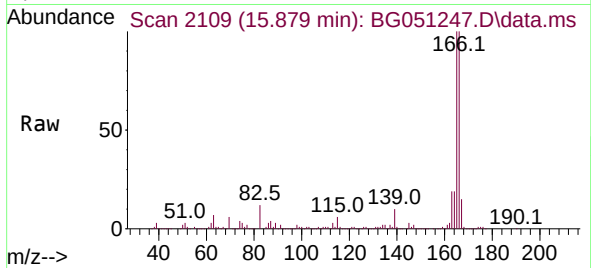
Tgt Ion:168 Resp: 303583
Ion Ratio Lower Upper
168 100
139 38.9 31.2 46.8





#61
Fluorene
Concen: 38.001 ng/ul
RT: 15.879 min Scan# 2108
Delta R.T. 0.003 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39

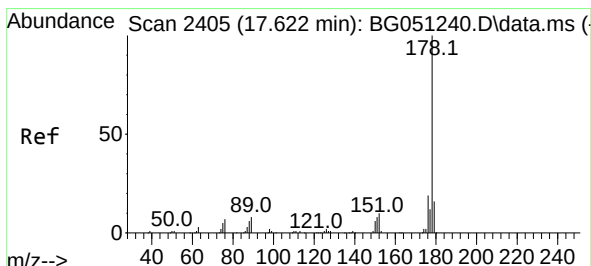
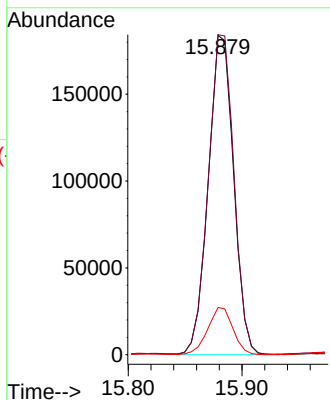
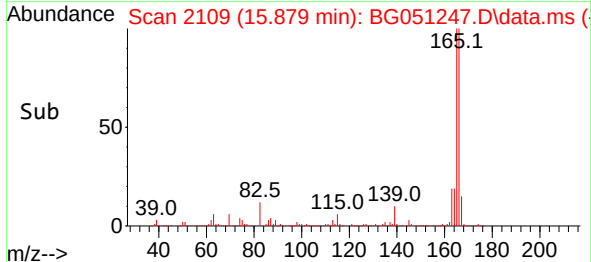
Instrument :
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ClientSampleId :
F4L17



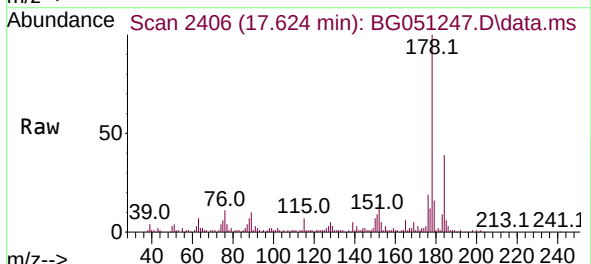
Tgt Ion:166 Resp: 28492
Ion Ratio Lower Upper
166 100
165 100.2 81.0 121.6
167 14.8 11.0 16.4

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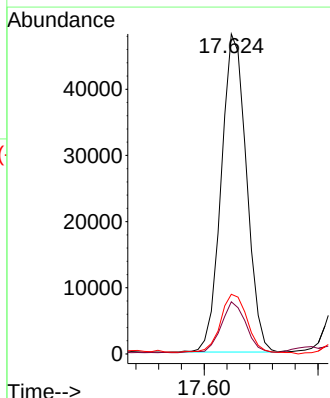
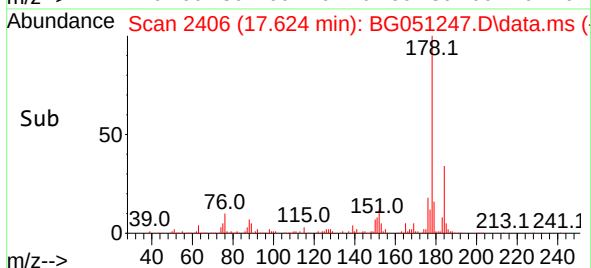
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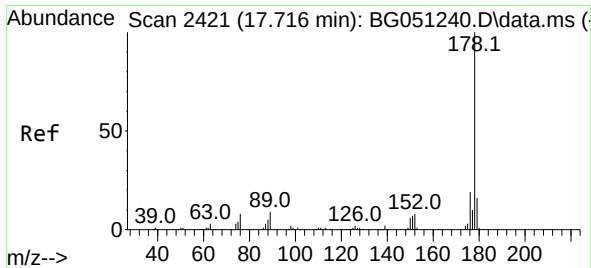


#72
Phenanthrene
Concen: 6.553 ng/ul
RT: 17.624 min Scan# 2406
Delta R.T. 0.003 min
Lab File: BG051247.D
Acq: 25 Nov 2021 16:39



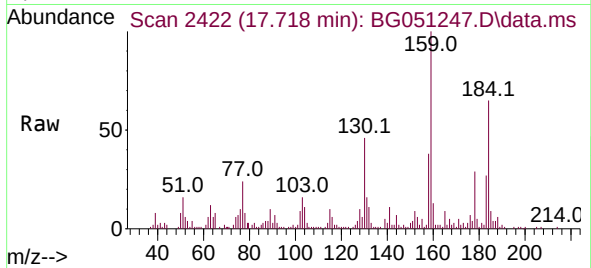
Tgt Ion:178 Resp: 74069
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 18.7 15.5 23.3





#74
 Anthracene
 Concen: 1.348 ng/ul m
 RT: 17.718 min Scan# 2421
 Delta R.T. 0.003 min
 Lab File: BG051247.D
 Acq: 25 Nov 2021 16:39

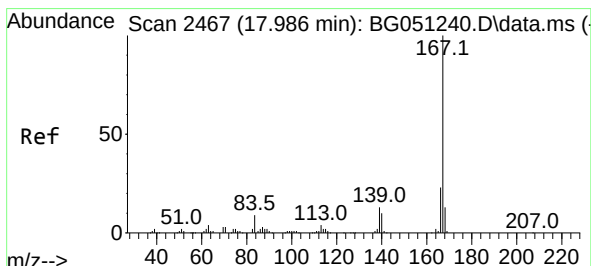
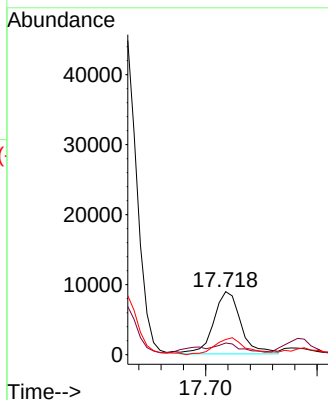
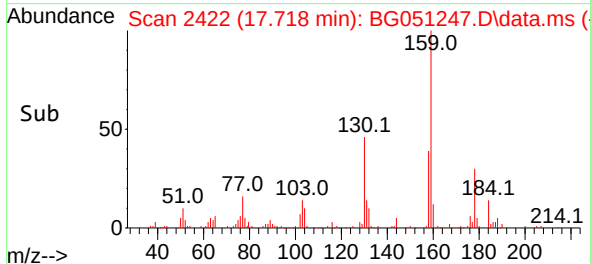
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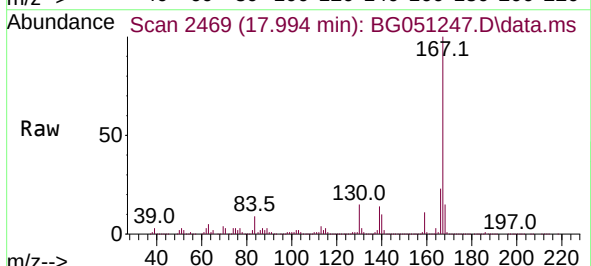
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 Ion Ratio Lower Upper
 178 100
 179 18.5 13.0 19.6
 176 24.0 15.6 23.4

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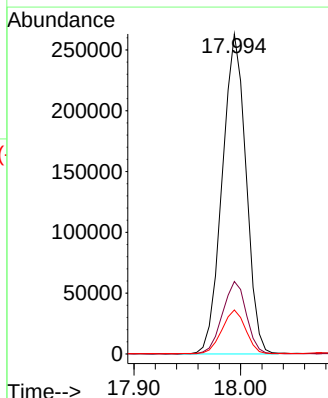
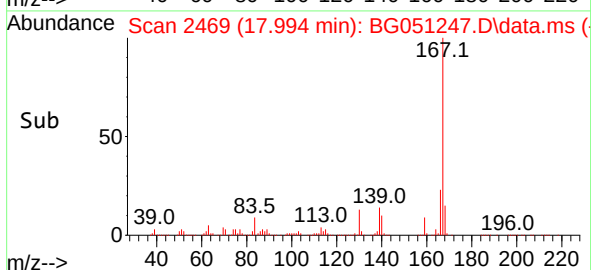
Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

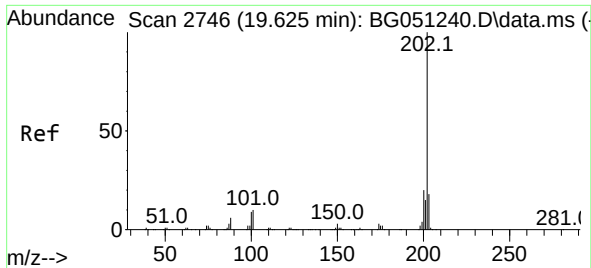


#77
 Carbazole
 Concen: 41.387 ng/ul
 RT: 17.994 min Scan# 2469
 Delta R.T. 0.008 min
 Lab File: BG051247.D
 Acq: 25 Nov 2021 16:39



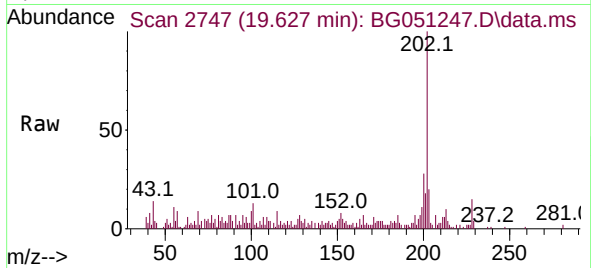
Tgt Ion:167 Resp: 407774
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.3 25.9
 139 13.7 10.6 16.0





#80
 Fluoranthene
 Concen: 1.381 ng/ul
 RT: 19.627 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051247.D
 Acq: 25 Nov 2021 16:39

Instrument :
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Tgt Ion:202 Resp: 19100
 Ion Ratio Lower Upper
 202 100
 101 13.2 9.3 13.9
 100 9.5 7.0 10.6

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