

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050067.D
 Acq On : 31 Aug 2021 16:24
 Operator : CG/JU
 Sample : M3494-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAS53

Manual Integrations
 APPROVED

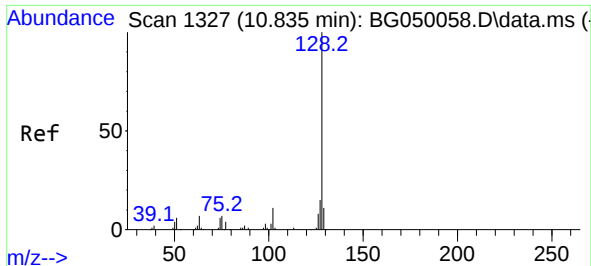
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Quant Time: Aug 31 17:10:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

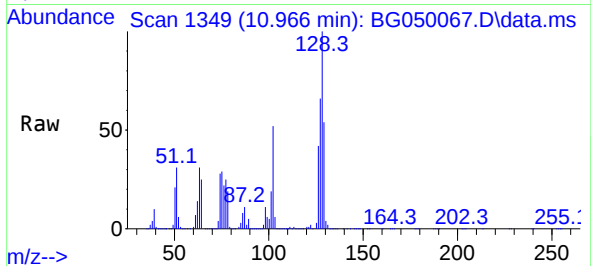
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	26293	20.000	ng/ul	0.00
20) Naphthalene-d8	10.883	136	116277m	20.000	ng/ul	0.10
38) Acenaphthene-d10	14.625	164	68876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	142598	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.651	240	137638	20.000	ng/ul	0.00
88) Perylene-d12	24.882	264	142500	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	2328	4.566	ng/uL	0.00
4) Pyridine-d5	3.764	84	8208m	5.344	ng/ul	0.02
7) Phenol-d5	7.135	99	16659	7.461	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	46004	37.088	ng/ul	0.00
11) 2-Chlorophenol-d4	7.500	132	48485	29.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	31441	17.881	ng/ul	0.00
21) Nitrobenzene-d5	9.150	128	42649	47.310	ng/ul	0.02
24) 2-Nitrophenol-d4	9.879	143	37131	34.592	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.443	165	57306	29.932	ng/ul	0.04
31) 4-Chloroaniline-d4	10.995	131	50935m	19.546	ng/ul	0.07
46) Dimethylphthalate-d6	14.026	166	199736	37.892	ng/ul	0.00
49) Acenaphthylene-d8	14.320	160	259162	41.932	ng/ul	0.00
54) 4-Nitrophenol-d4	14.866	143	5315m	6.969	ng/ul	0.02
60) Fluorene-d10	15.618	176	182551	40.847	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.759	200	22854	24.912	ng/ul	0.00
73) Anthracene-d10	17.480	188	274978	42.943	ng/ul	0.00
81) Pyrene-d10	19.771	212	322436	43.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.659	264	305702	40.437	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.966	128	20223045	3479.621	ng/ul#	1
36) 2-Methylnaphthalene	12.481	142	3691220	854.398	ng/ul	92
37) 1-Methylnaphthalene	12.687	142	1896105	434.805	ng/ul	99
43) 1,1'-Biphenyl	13.456	154	538784	111.969	ng/ul	99
50) Acenaphthylene	14.349	152	10678	1.890	ng/ul#	48
52) Acenaphthene	14.702	153	1603434	391.307	ng/ul	97
56) Dibenzofuran	15.031	168	1109284	195.485	ng/ul	98
61) Fluorene	15.683	166	747764	156.190	ng/ul	96
72) Phenanthrene	17.427	178	811576	114.163	ng/ul	98
74) Anthracene	17.515	178	80273	11.143	ng/ul	100
77) Carbazole	17.803	167	1688421	263.391	ng/ul	94

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



#30
Naphthalene
Concen: 3479.621 ng/ul
RT: 10.966 min Scan# 1349
Delta R.T. 0.138 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24

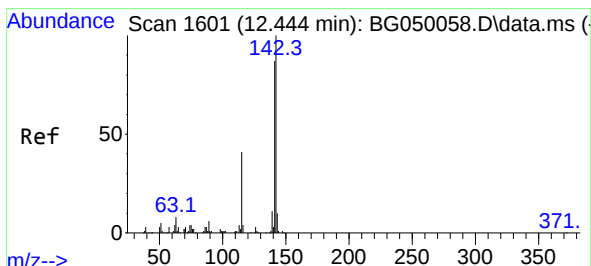
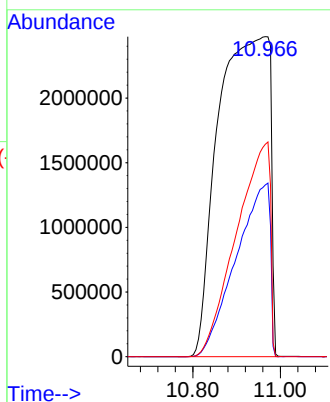
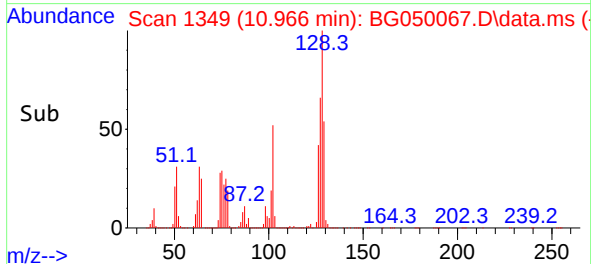
Instrument :
BNA_G
ClientSampled :
YAS53



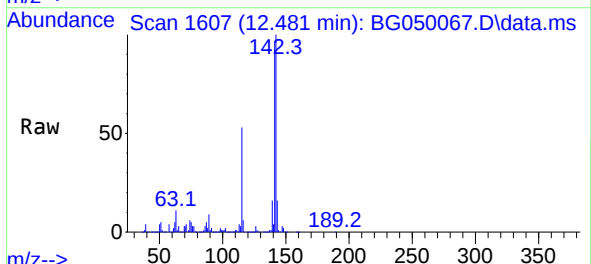
Tgt Ion:128 Resp:20223045
Ion Ratio Lower Upper
128 100
129 53.7 9.3 13.9#
127 66.4 9.8 14.6#

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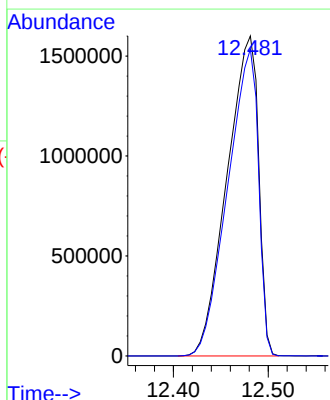
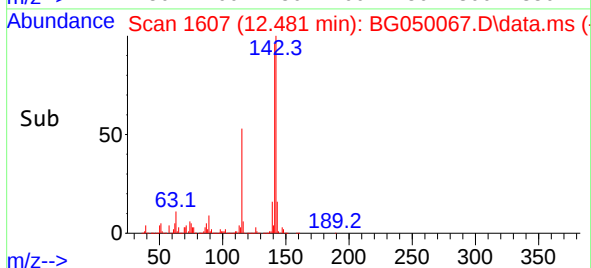
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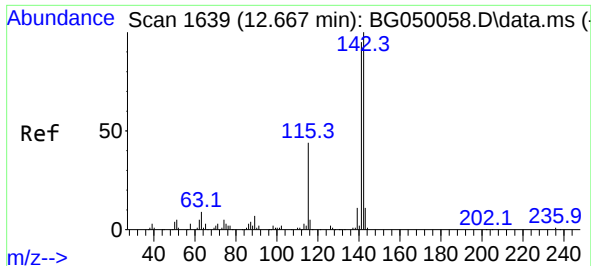


#36
2-Methylnaphthalene
Concen: 854.398 ng/ul
RT: 12.481 min Scan# 1607
Delta R.T. 0.039 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24



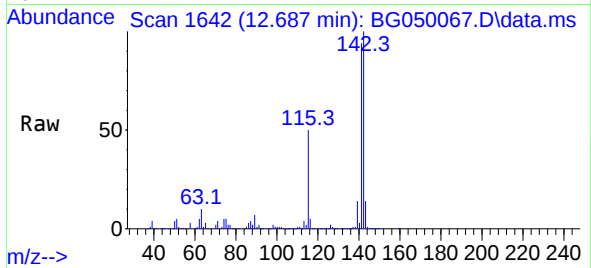
Tgt Ion:142 Resp: 3691220
Ion Ratio Lower Upper
142 100
141 95.9 70.5 105.7





#37
1-Methylnaphthalene
Concen: 434.805 ng/ul
RT: 12.687 min Scan# 1642
Delta R.T. 0.027 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24

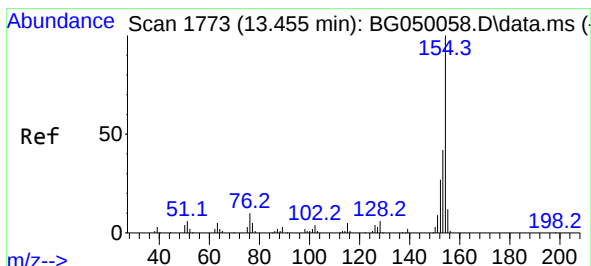
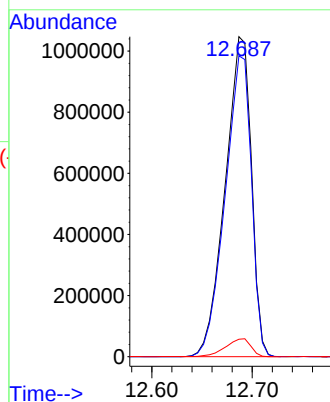
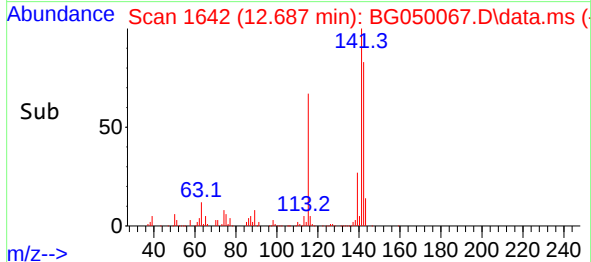
Instrument :
BNA_G
ClientSampled :
YAS53



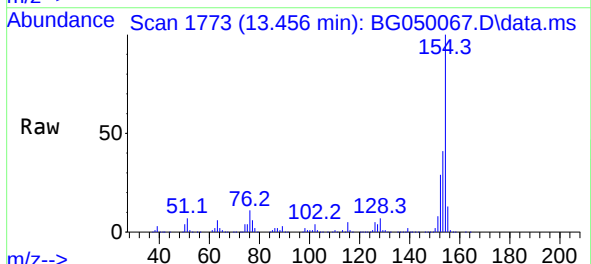
Tgt Ion:142 Resp: 1896105
Ion Ratio Lower Upper
142 100
141 94.0 75.8 113.8
116 5.4 3.7 5.5

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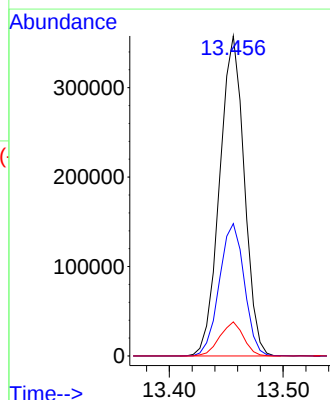
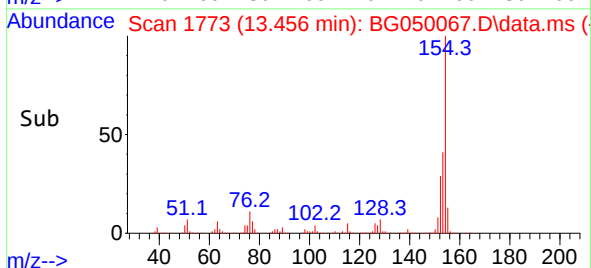
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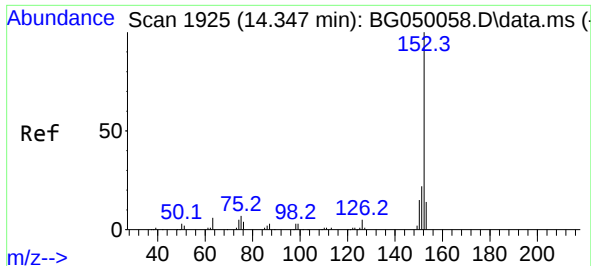


#43
1,1'-Biphenyl
Concen: 111.969 ng/ul
RT: 13.456 min Scan# 1773
Delta R.T. 0.003 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24



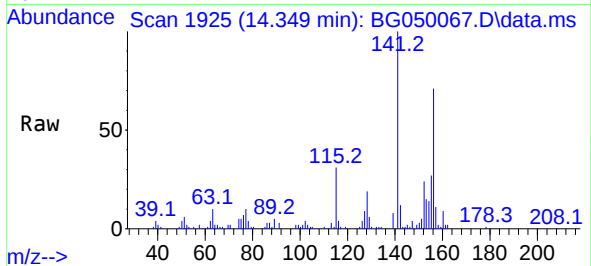
Tgt Ion:154 Resp: 538784
Ion Ratio Lower Upper
154 100
153 41.3 32.5 48.7
76 10.6 7.8 11.8





#50
Acenaphthylene
Concen: 1.890 ng/u1
RT: 14.349 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24

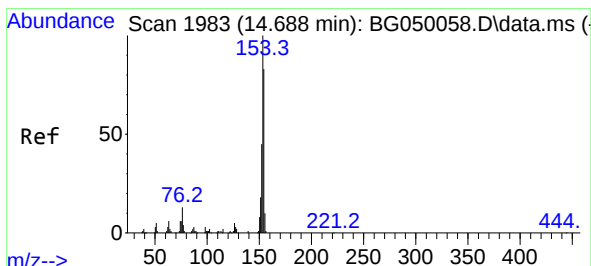
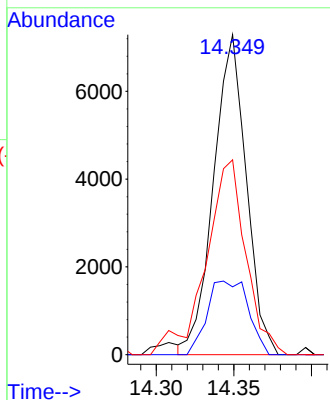
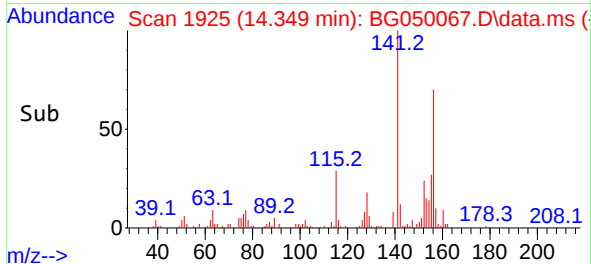
Instrument :
BNA_G
ClientSampled :
YAS53



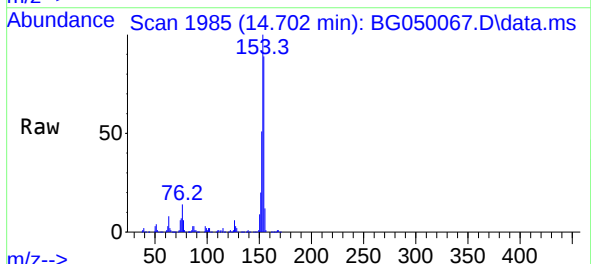
Tgt Ion:152 Resp: 10678
Ion Ratio Lower Upper
152 100
151 21.2 15.2 22.8
153 60.9 10.7 16.1#

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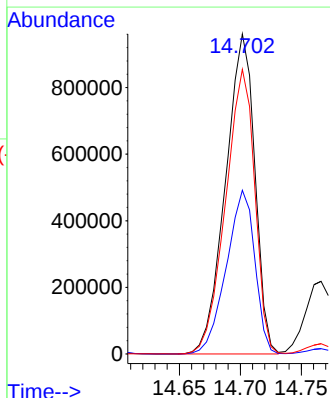
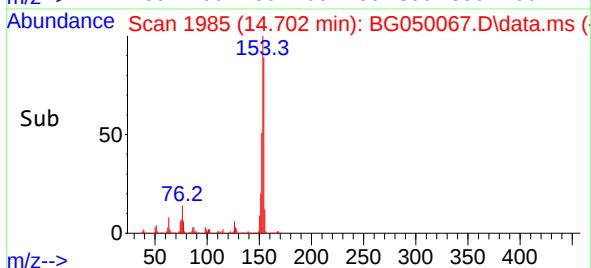
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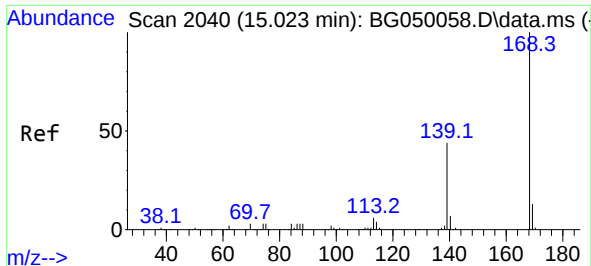


#52
Acenaphthene
Concen: 391.307 ng/u1
RT: 14.702 min Scan# 1985
Delta R.T. 0.015 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24



Tgt Ion:153 Resp: 1603434
Ion Ratio Lower Upper
153 100
152 51.1 37.4 56.2
154 89.0 71.5 107.3





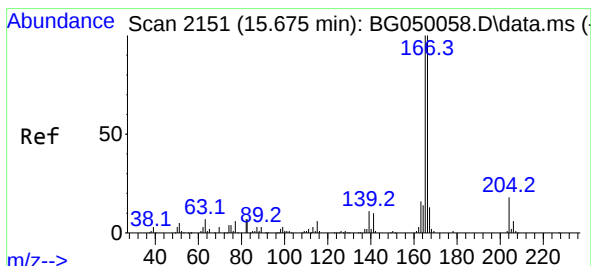
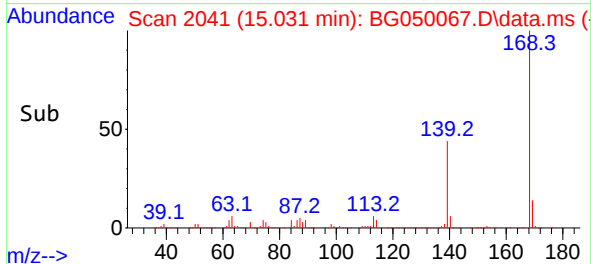
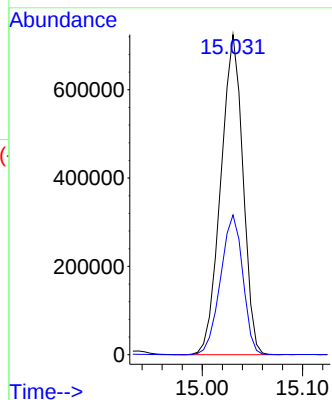
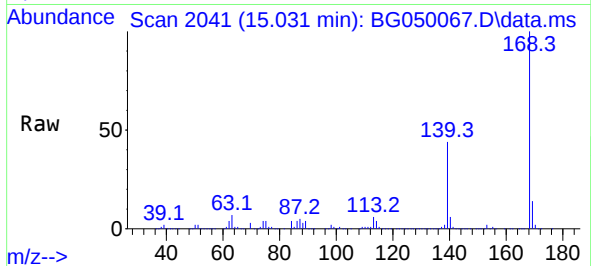
#56
Dibenzofuran
Concen: 195.485 ng/ul
RT: 15.031 min Scan# 2041
Delta R.T. 0.009 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24

Tgt Ion:168 Resp: 1109284
Ion Ratio Lower Upper
168 100
139 43.6 33.8 50.8

Instrument :
BNA_G
ClientSampled :
YAS53

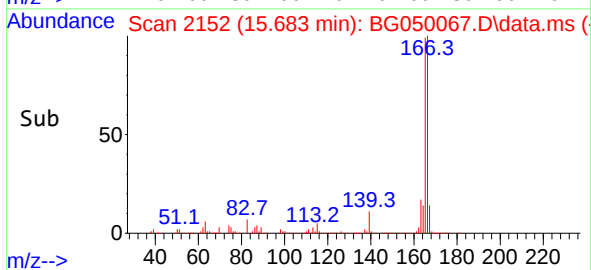
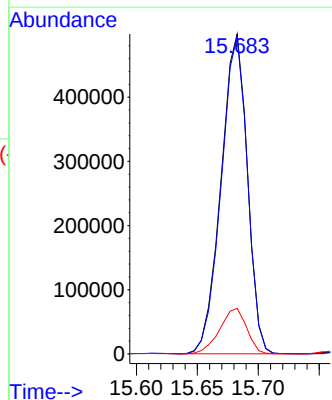
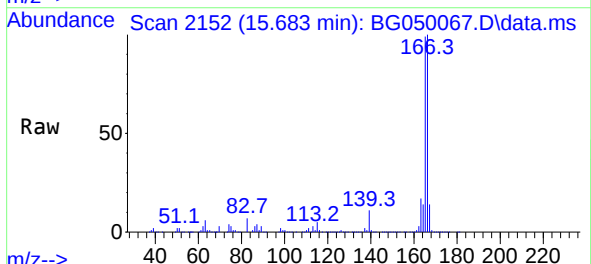
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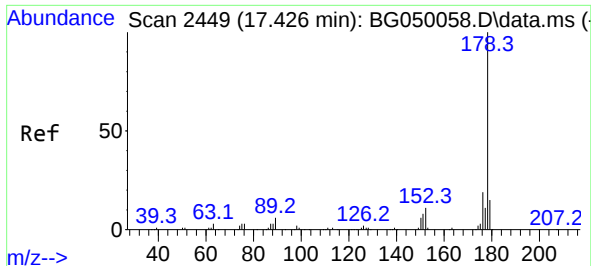
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#61
Fluorene
Concen: 156.190 ng/ul
RT: 15.683 min Scan# 2152
Delta R.T. 0.015 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24

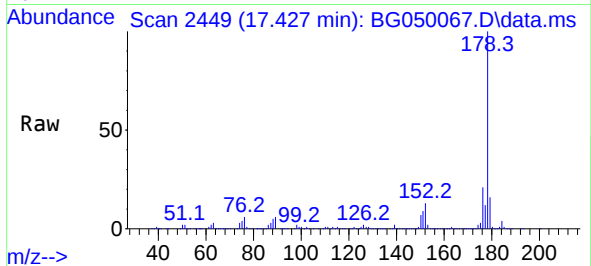
Tgt Ion:166 Resp: 747764
Ion Ratio Lower Upper
166 100
165 99.2 83.3 124.9
167 14.2 11.8 17.6





#72
Phenanthrene
Concen: 114.163 ng/u1
RT: 17.427 min Scan# 2449
Delta R.T. 0.009 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24

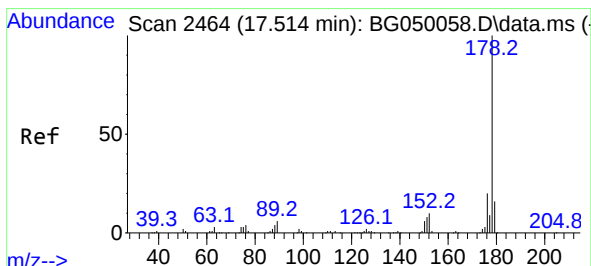
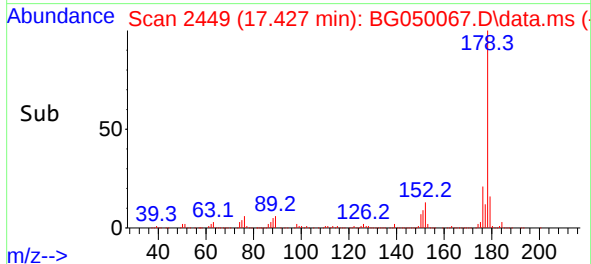
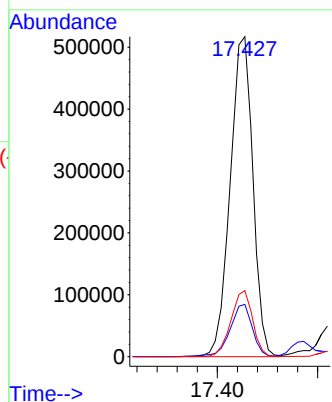
Instrument :
BNA_G
ClientSampled :
YAS53



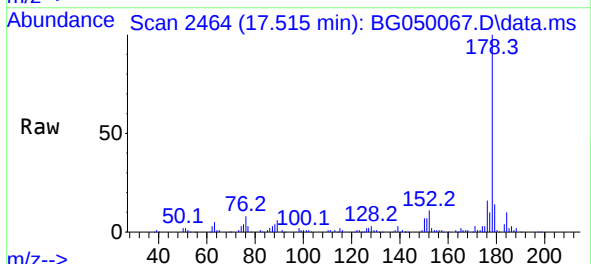
Tgt Ion:178 Resp: 811576
Ion Ratio Lower Upper
178 100
179 16.3 11.7 17.5
176 20.7 16.2 24.2

Manual Integrations
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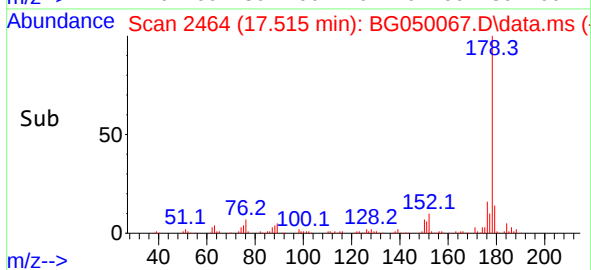
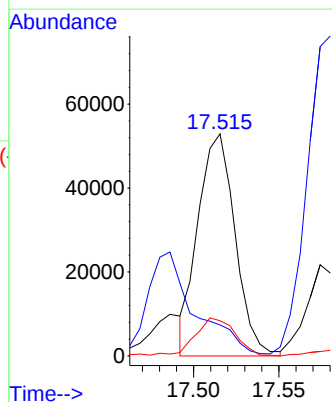
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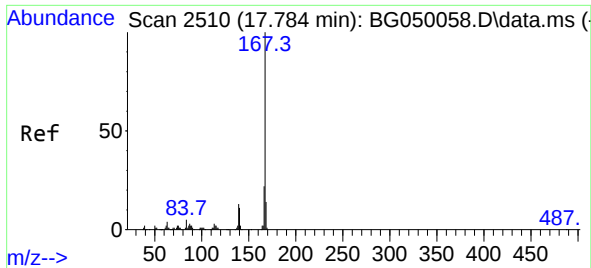


#74
Anthracene
Concen: 11.143 ng/u1
RT: 17.515 min Scan# 2464
Delta R.T. 0.009 min
Lab File: BG050067.D
Acq: 31 Aug 2021 16:24



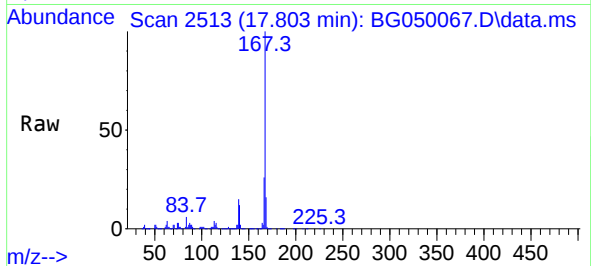
Tgt Ion:178 Resp: 80273
Ion Ratio Lower Upper
178 100
179 14.0 11.4 17.0
176 15.9 12.8 19.2





#77
 Carbazole
 Concen: 263.391 ng/ul
 RT: 17.803 min Scan# 2513
 Delta R.T. 0.021 min
 Lab File: BG050067.D
 Acq: 31 Aug 2021 16:24

Instrument :
 BNA_G
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Tgt Ion:167 Resp: 1688421

Ion	Ratio	Lower	Upper
167	100		
166	25.5	17.8	26.8
139	15.4	11.1	16.7

Manual Integrations
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