

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050065.D
 Acq On : 31 Aug 2021 15:02
 Operator : CG/JU
 Sample : M3464-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKG0

Manual Integrations
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Quant Time: Aug 31 16:07:19 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	7.961	152	27300	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	106679	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.628	164	70769	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.384	188	136739	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.654	240	132902	20.000	ng/ul	# 0.00
88) Perylene-d12	24.879	264	139632	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	2562m	4.839	ng/uL	0.00
4) Pyridine-d5	3.767	84	15621m	9.796	ng/ul	0.02
7) Phenol-d5	7.139	99	13488	5.818	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.285	67	35890	27.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	36966	21.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	25855	14.162	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	24845	30.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	28776	29.220	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.422	165	48251	27.470	ng/ul	0.02
31) 4-Chloroaniline-d4	10.922	131	61943	25.909	ng/ul	0.00
46) Dimethylphthalate-d6	14.029	166	183718	33.921	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	218160	34.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	5263	6.716	ng/ul	0.02
60) Fluorene-d10	15.621	176	167463	36.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	17553	19.953	ng/ul	0.00
73) Anthracene-d10	17.483	188	245505	39.983	ng/ul	0.00
81) Pyrene-d10	19.774	212	280747	39.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	271784	36.689	ng/ul	0.01
Target Compounds					Qvalue	
12) 2-Chlorophenol	7.532	128	6855	3.999	ng/ul#	81
13) 2-Methylphenol	8.419	108	35033	19.393	ng/ul	98
18) 4-Methylphenol	8.760	108	18061	9.293	ng/ul	99
26) 2,4-Dimethylphenol	9.964	107	133216	62.605	ng/ul	91
30) Naphthalene	10.875	128	6694965	1255.592	ng/ul#	67
36) 2-Methylnaphthalene	12.455	142	1389150	350.473	ng/ul	98
37) 1-Methylnaphthalene	12.678	142	987226	246.754	ng/ul	99
43) 1,1'-Biphenyl	13.454	154	317152	64.147	ng/ul	99
50) Acenaphthylene	14.347	152	43649	7.521	ng/ul#	83
52) Acenaphthene	14.699	153	1350318	320.721	ng/ul	97
56) Dibenzofuran	15.034	168	862436	147.919	ng/ul	98
61) Fluorene	15.680	166	605268	123.044	ng/ul	96
72) Phenanthrene	17.425	178	707610	103.804	ng/ul	97
74) Anthracene	17.513	178	43811	6.342	ng/ul#	95
77) Carbazole	17.812	167	2508633	408.110	ng/ul#	90
80) Fluoranthene	19.440	202	48294	5.449	ng/ul	99
82) Pyrene	19.798	202	23095	2.630	ng/ul#	94

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

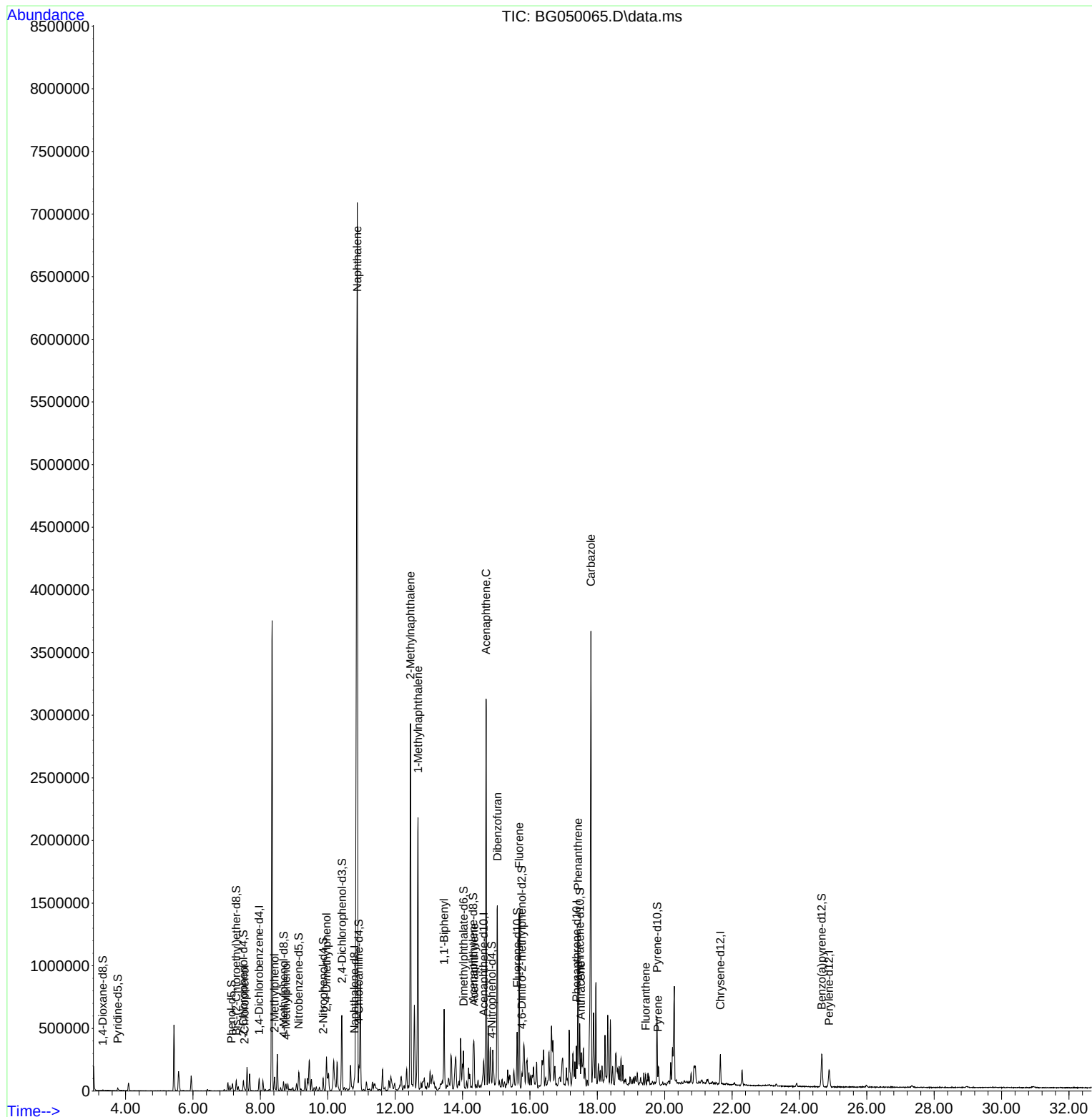
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050065.D
Acq On : 31 Aug 2021 15:02
Operator : CG/JU
Sample : M3464-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

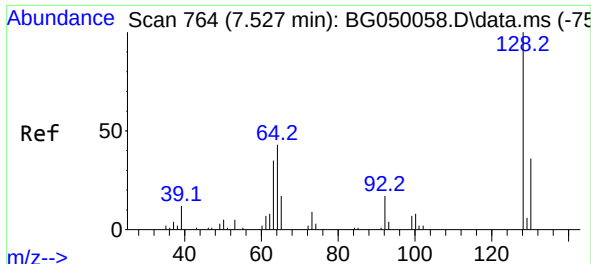
Instrument :
BNA_G
ClientSampleId :
DBKG0

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Quant Title : SVOA CALIBRATION
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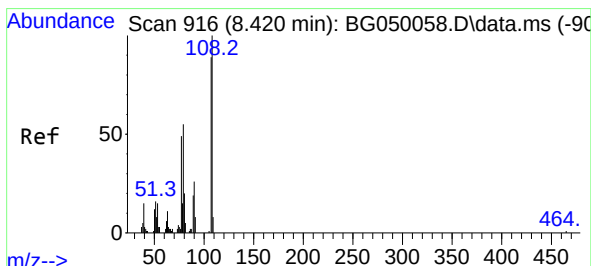
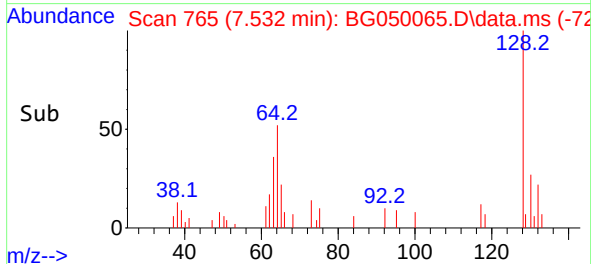
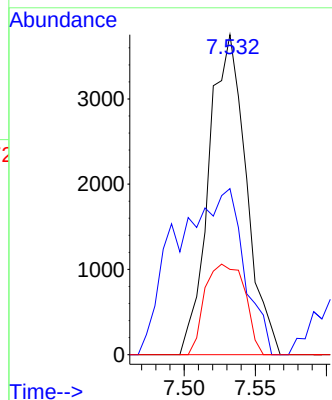
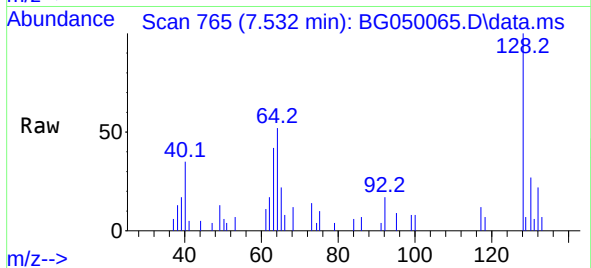
#12
2-Chlorophenol
Concen: 3.999 ng/ul
RT: 7.532 min Scan# 765
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

Tgt Ion:128 Resp: 6855
Ion Ratio Lower Upper
128 100
64 51.9 28.0 42.0#
130 26.6 24.4 36.6

Instrument :
BNA_G
ClientSampled :
DBKG0

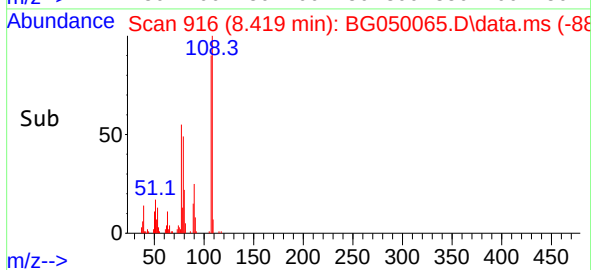
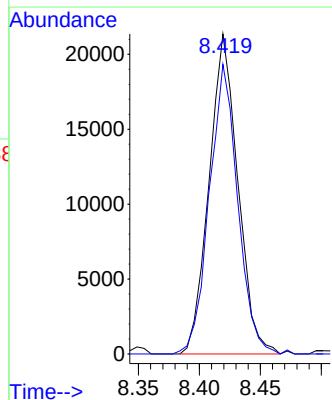
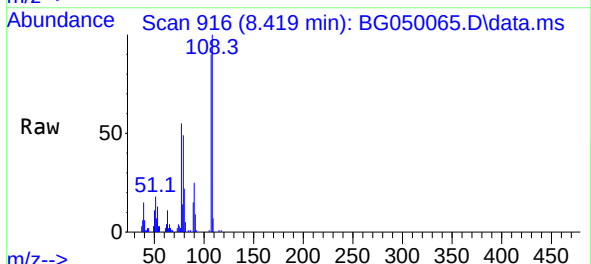
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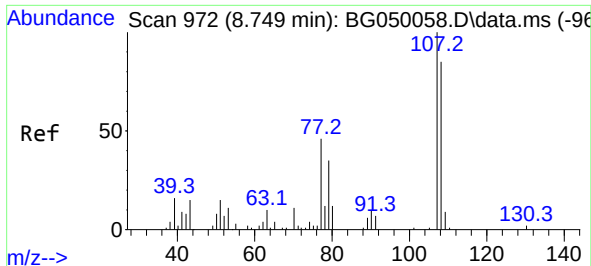
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#13
2-Methylphenol
Concen: 19.393 ng/ul
RT: 8.419 min Scan# 916
Delta R.T. 0.007 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

Tgt Ion:108 Resp: 35033
Ion Ratio Lower Upper
108 100
107 90.5 71.0 106.4





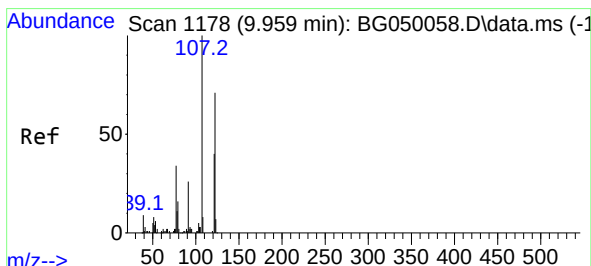
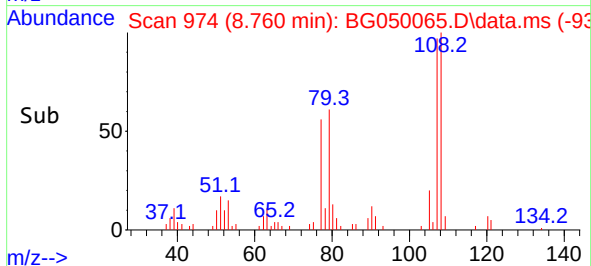
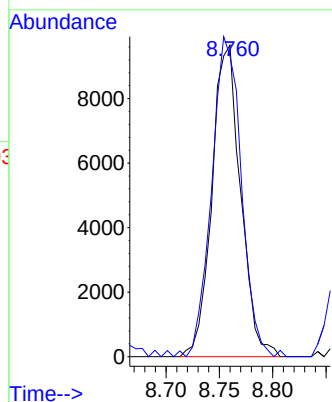
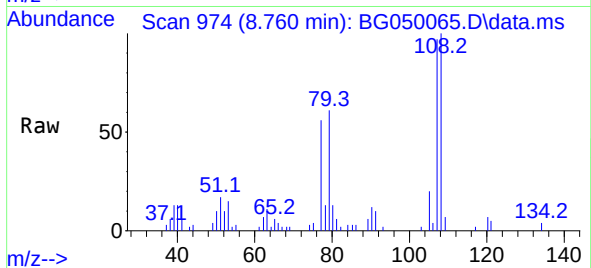
#18
4-Methylphenol
Concen: 9.293 ng/ul
RT: 8.760 min Scan# 974
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

Tgt Ion:108 Resp: 18061
Ion Ratio Lower Upper
108 100
107 96.6 78.3 117.5

Instrument :
BNA_G
ClientSampled :
DBKG0

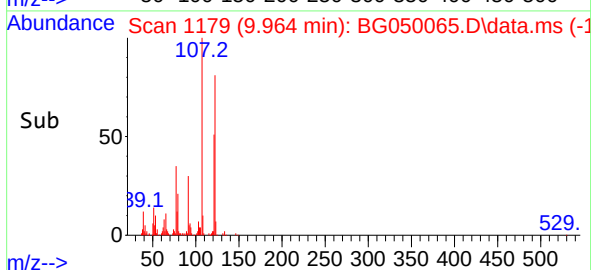
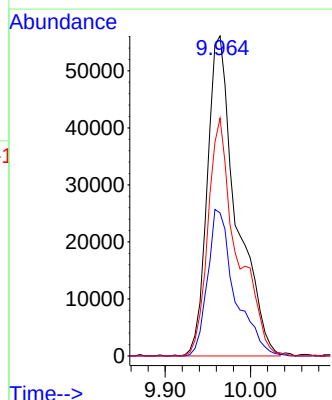
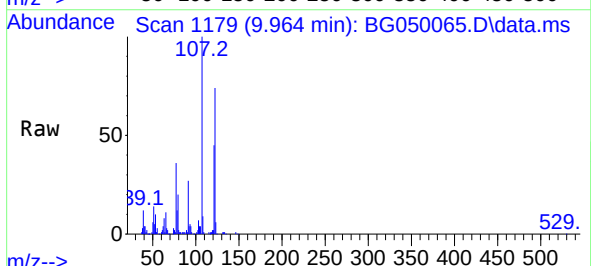
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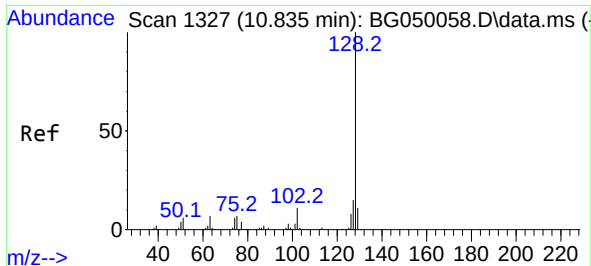
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#26
2,4-Dimethylphenol
Concen: 62.605 ng/ul
RT: 9.964 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

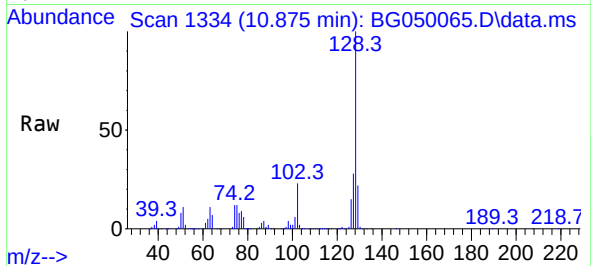
Tgt Ion:107 Resp: 133216
Ion Ratio Lower Upper
107 100
121 44.7 32.7 49.1
122 74.3 52.6 79.0





#30
Naphthalene
Concen: 1255.592 ng/u1
RT: 10.875 min Scan# 1334
Delta R.T. 0.048 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

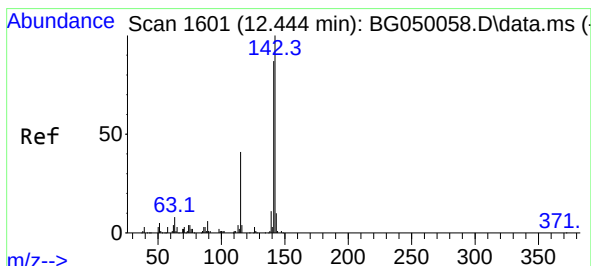
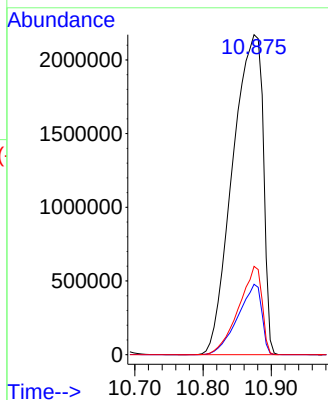
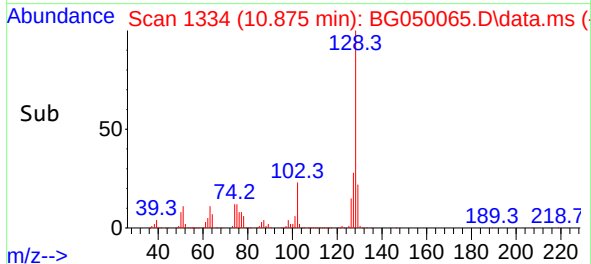
Instrument :
BNA_G
ClientSampled :
DBKG0



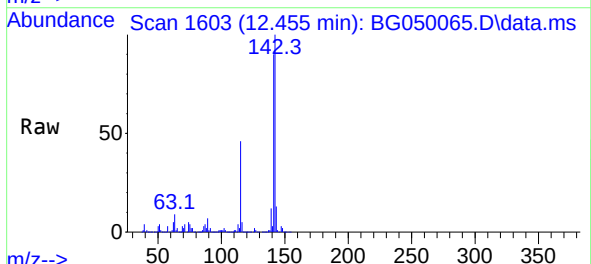
Tgt Ion:128 Resp: 6694965
Ion Ratio Lower Upper
128 100
129 22.0 9.3 13.9#
127 27.6 9.8 14.6#

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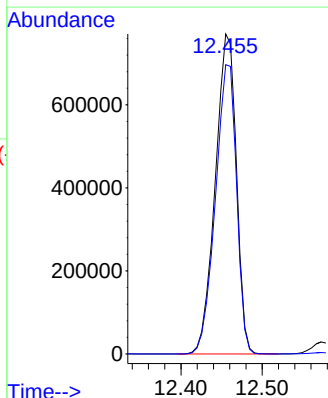
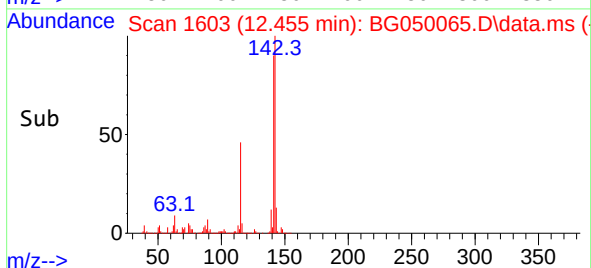
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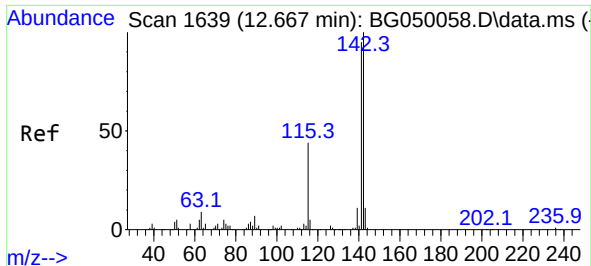


#36
2-Methylnaphthalene
Concen: 350.473 ng/u1
RT: 12.455 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02



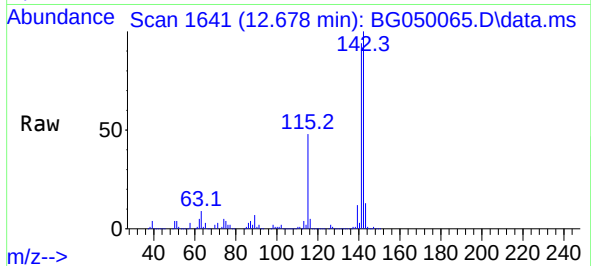
Tgt Ion:142 Resp: 1389150
Ion Ratio Lower Upper
142 100
141 90.4 70.5 105.7





#37
1-Methylnaphthalene
Concen: 246.754 ng/ul
RT: 12.678 min Scan# 1641
Delta R.T. 0.018 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

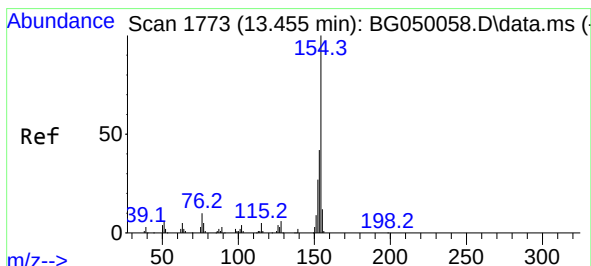
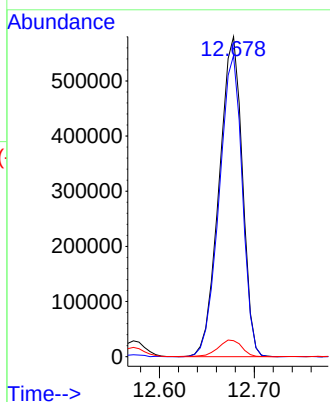
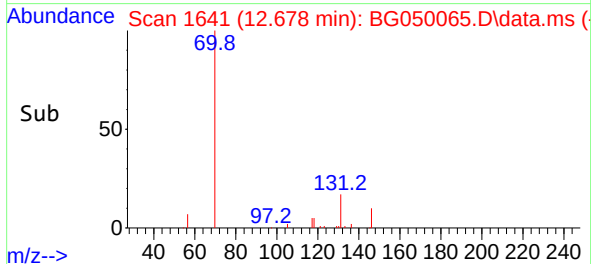
Instrument :
BNA_G
ClientSampled :
DBKG0



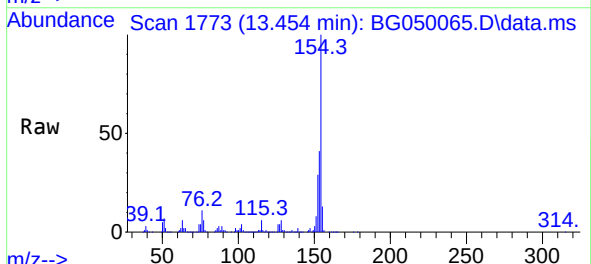
Tgt Ion:142 Resp: 987226
Ion Ratio Lower Upper
142 100
141 94.2 75.8 113.8
116 5.0 3.7 5.5

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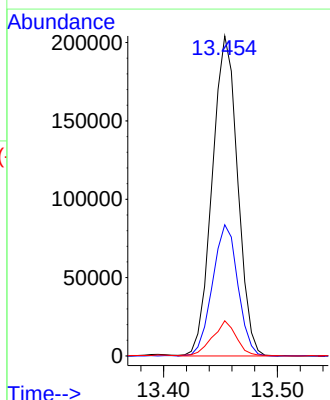
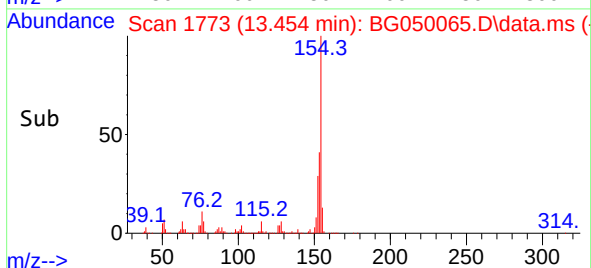
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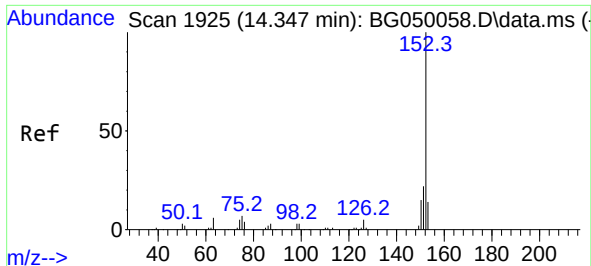


#43
1,1'-Biphenyl
Concen: 64.147 ng/ul
RT: 13.454 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02



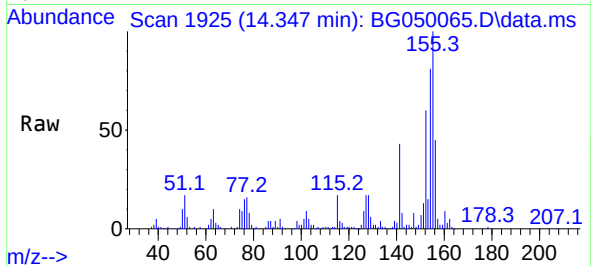
Tgt Ion:154 Resp: 317152
Ion Ratio Lower Upper
154 100
153 41.0 32.5 48.7
76 11.0 7.8 11.8





#50
Acenaphthylene
Concen: 7.521 ng/ul
RT: 14.347 min Scan# 1925
Delta R.T. 0.001 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

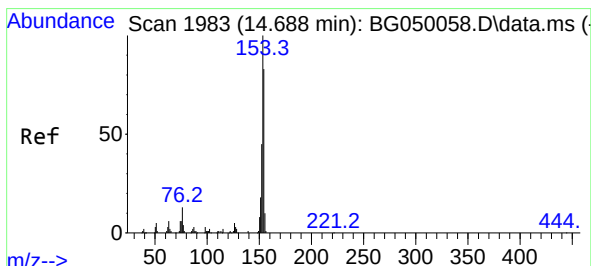
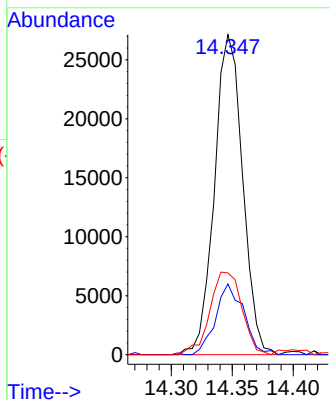
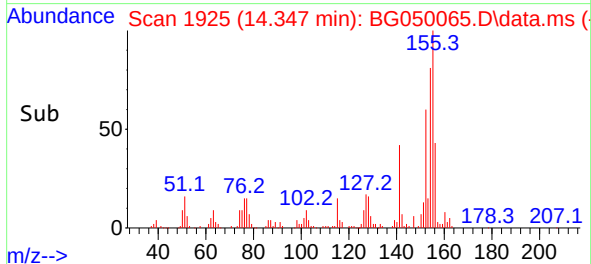
Instrument :
BNA_G
ClientSampled :
DBKG0



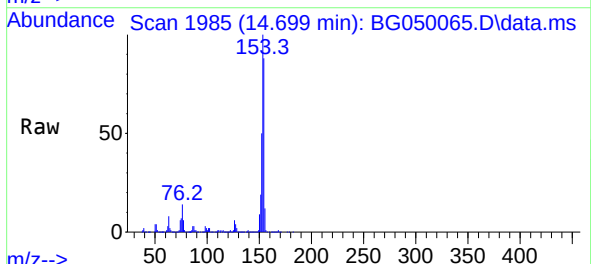
Tgt Ion:152 Resp: 43649
Ion Ratio Lower Upper
152 100
151 22.1 15.2 22.8
153 25.6 10.7 16.1#

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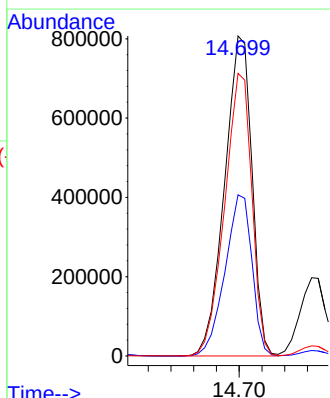
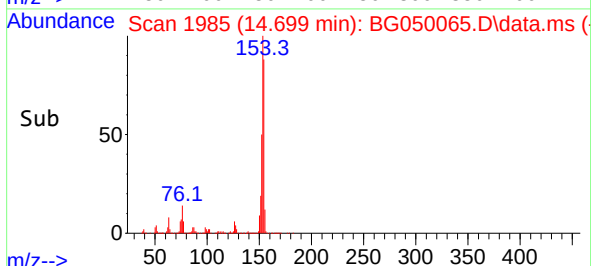
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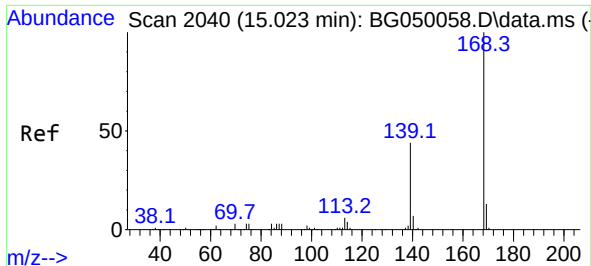


#52
Acenaphthene
Concen: 320.721 ng/ul
RT: 14.699 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02



Tgt Ion:153 Resp: 1350318
Ion Ratio Lower Upper
153 100
152 50.3 37.4 56.2
154 88.3 71.5 107.3





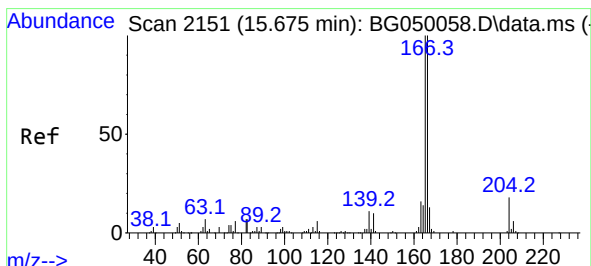
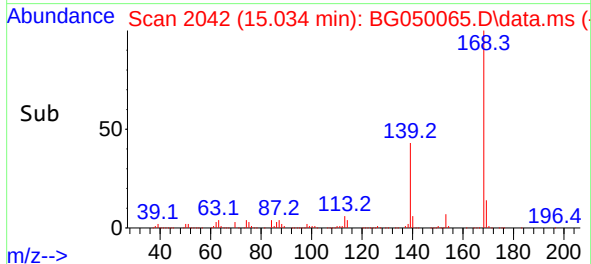
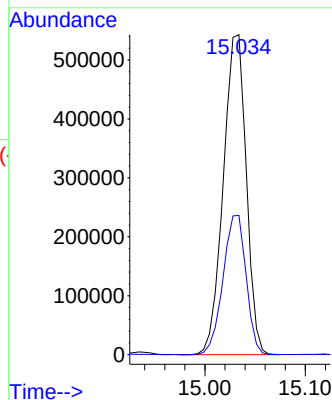
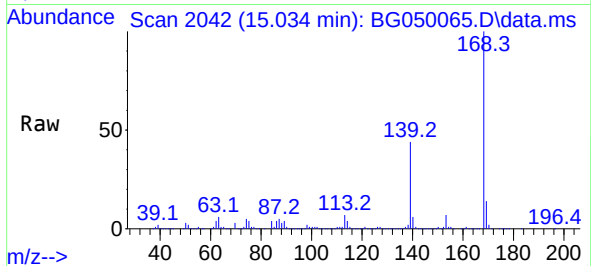
#56
Dibenzofuran
Concen: 147.919 ng/uI
RT: 15.034 min Scan# 2042
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

Tgt Ion:168 Resp: 862436
Ion Ratio Lower Upper
168 100
139 43.6 33.8 50.8

Instrument :
BNA_G
ClientSampleId :
DBKG0

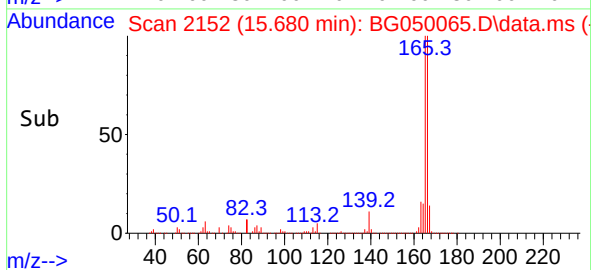
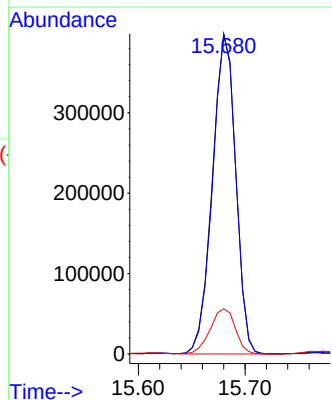
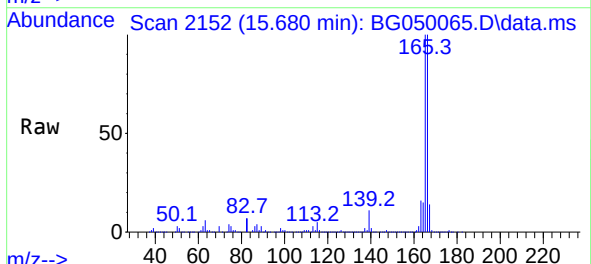
Manual Integrations
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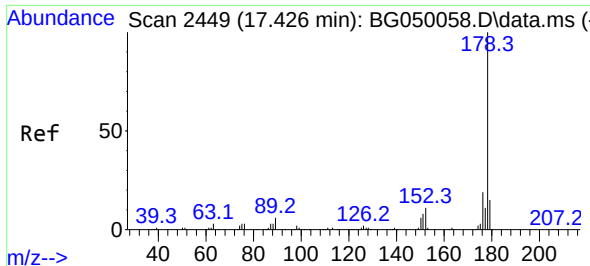
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#61
Fluorene
Concen: 123.044 ng/uI
RT: 15.680 min Scan# 2152
Delta R.T. 0.012 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

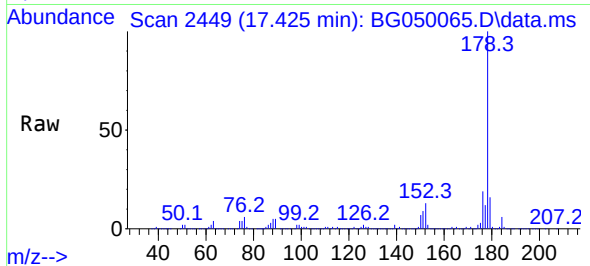
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Ion Ratio Lower Upper
166 100
165 99.9 83.3 124.9
167 14.1 11.8 17.6





#72
Phenanthrene
Concen: 103.804 ng/u1
RT: 17.425 min Scan# 2449
Delta R.T. 0.007 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02

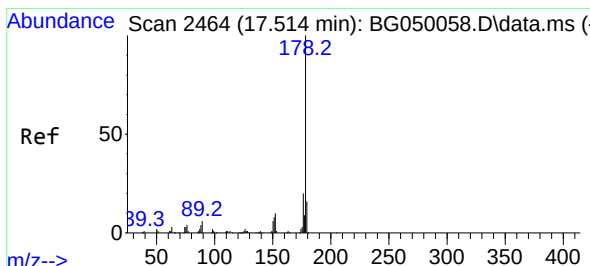
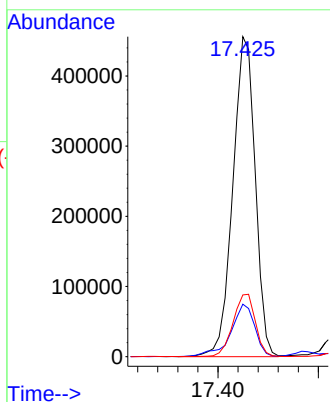
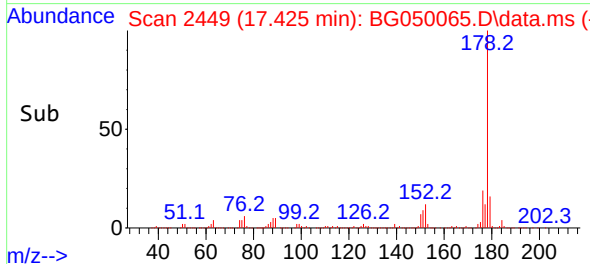
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BNA_G
ClientSampled :
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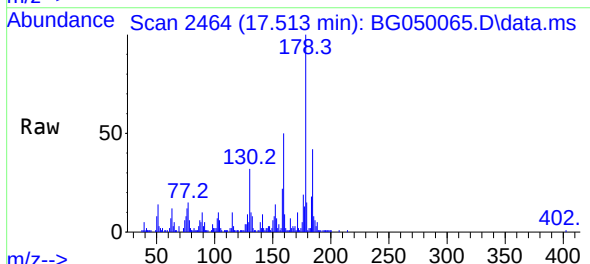
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Ion Ratio Lower Upper
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179 16.4 11.7 17.5
176 19.3 16.2 24.2

Manual Integrations
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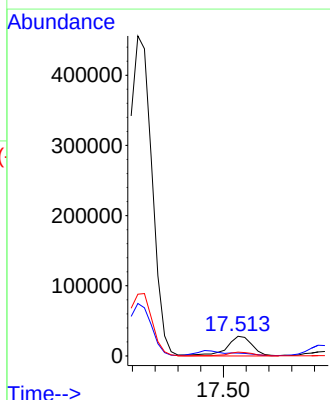
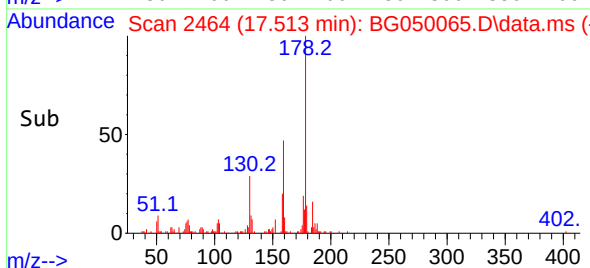
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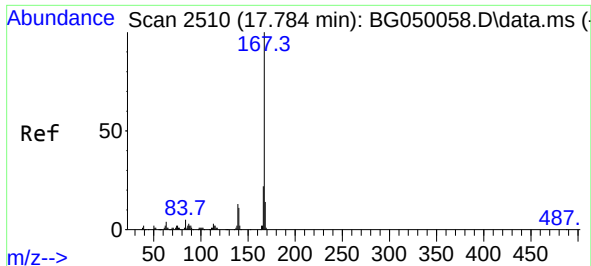


#74
Anthracene
Concen: 6.342 ng/u1
RT: 17.513 min Scan# 2464
Delta R.T. 0.007 min
Lab File: BG050065.D
Acq: 31 Aug 2021 15:02



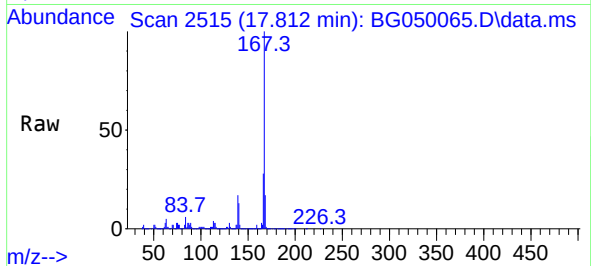
Tgt Ion:178 Resp: 43811
Ion Ratio Lower Upper
178 100
179 15.0 11.4 17.0
176 19.4 12.8 19.2#





#77
 Carbazole
 Concen: 408.110 ng/ul
 RT: 17.812 min Scan# 2515
 Delta R.T. 0.030 min
 Lab File: BG050065.D
 Acq: 31 Aug 2021 15:02

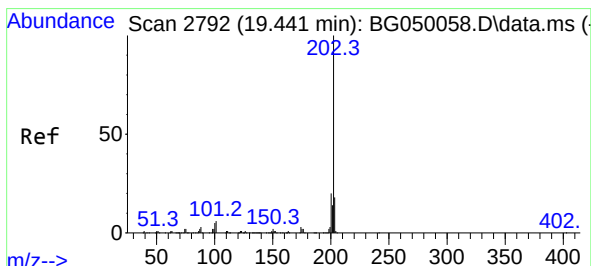
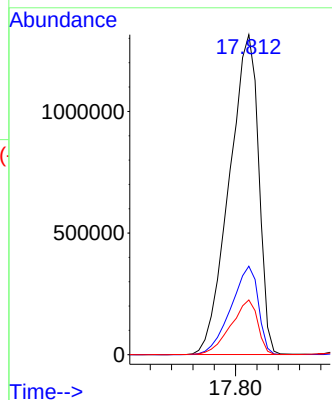
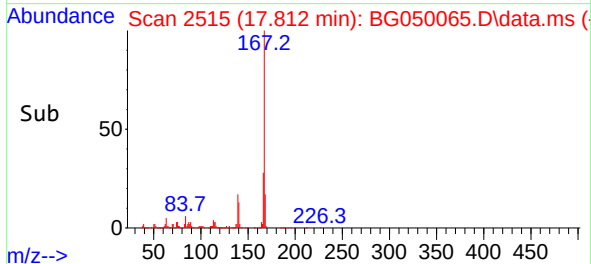
Instrument :
 BNA_G
 ClientSampled :
 DBKG0



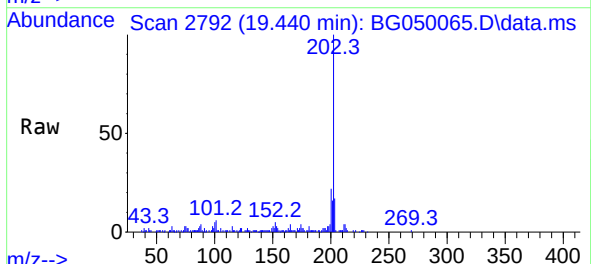
Tgt Ion:167 Resp: 2508633
 Ion Ratio Lower Upper
 167 100
 166 27.7 17.8 26.8#
 139 17.1 11.1 16.7#

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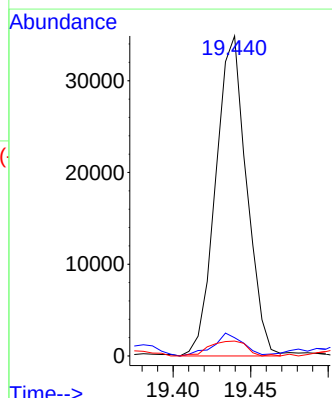
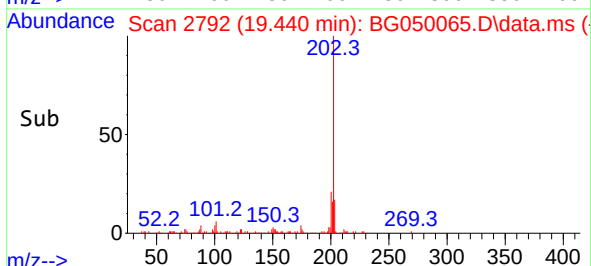
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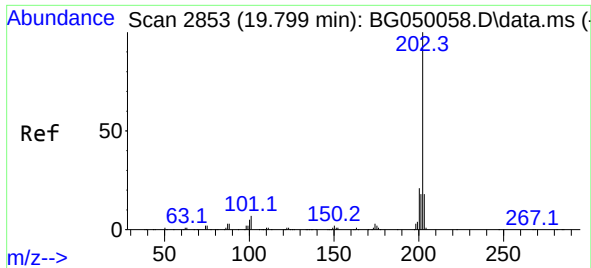


#80
 Fluoranthene
 Concen: 5.449 ng/ul
 RT: 19.440 min Scan# 2792
 Delta R.T. 0.007 min
 Lab File: BG050065.D
 Acq: 31 Aug 2021 15:02



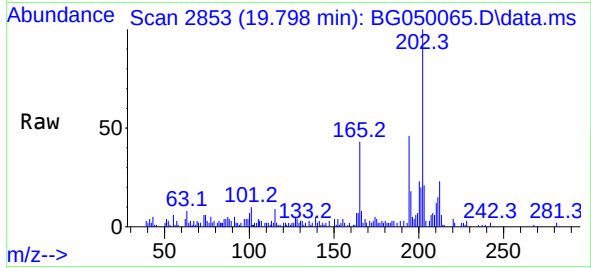
Tgt Ion:202 Resp: 48294
 Ion Ratio Lower Upper
 202 100
 101 5.7 4.3 6.5
 100 4.7 3.5 5.3





#82
 Pyrene
 Concen: 2.630 ng/ul
 RT: 19.798 min Scan# 2853
 Delta R.T. 0.001 min
 Lab File: BG050065.D
 Acq: 31 Aug 2021 15:02

Instrument :
 BNA_G
 ClientSampleId :
 DBKG0



Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.4	8.0#
100	7.0	5.0	7.6

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