

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050064.D
 Acq On : 31 Aug 2021 14:21
 Operator : CG/JU
 Sample : M3464-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKF9

Manual Integrations
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Quant Time: Aug 31 15:20:34 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	26771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	107588m	20.000	ng/ul	0.05
38) Acenaphthene-d10	14.629	164	71492	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.384	188	146341	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.654	240	142318	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	150261	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	2854	5.497	ng/uL	0.00
4) Pyridine-d5	3.761	84	15514	9.921	ng/ul	0.02
7) Phenol-d5	7.133	99	16541	7.276	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.286	67	42974	34.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	45115	26.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	28754	16.061	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	32658	39.153	ng/ul	0.00
24) 2-Nitrophenol-d4	9.865	143	34253	34.488	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.428	165	52296	29.521	ng/ul	0.02
31) 4-Chloroaniline-d4	10.922	131	82806	34.342	ng/ul	0.00
46) Dimethylphthalate-d6	14.041	166	192295	35.146	ng/ul	0.02
49) Acenaphthylene-d8	14.323	160	236770	36.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.864	143	6666	8.421	ng/ul	0.02
60) Fluorene-d10	15.621	176	177111	38.179	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	133862	142.182	ng/ul	0.02
73) Anthracene-d10	17.484	188	259747	39.527	ng/ul	0.00
81) Pyrene-d10	19.775	212	296525	38.556	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	288240	36.158	ng/ul	0.01
Target Compounds					Qvalue	
18) 4-Methylphenol	8.754	108	2081	1.092	ng/ul#	68
26) 2,4-Dimethylphenol	9.964	107	5694m	2.653	ng/ul	
30) Naphthalene	10.916	128	12285643	2284.616	ng/ul#	20
36) 2-Methylnaphthalene	12.449	142	431565	107.961	ng/ul	100
37) 1-Methylnaphthalene	12.678	142	1464513	362.957	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.066	196	3533	2.640	ng/ul	93
42) 2,4,5-Trichlorophenol	13.142	196	85763	61.151	ng/ul	94
43) 1,1'-Biphenyl	13.460	154	477608	95.623	ng/ul	99
50) Acenaphthylene	14.353	152	137575	23.464	ng/ul#	93
52) Acenaphthene	14.705	153	1579515	371.365	ng/ul	97
56) Dibenzofuran	15.034	168	1110863	188.600	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	60303	51.888	ng/ul#	98
61) Fluorene	15.686	166	857711	172.600	ng/ul	97
71) Pentachlorophenol	17.049	266	225263	284.576	ng/ul	95
72) Phenanthrene	17.431	178	747923	102.518	ng/ul	98
74) Anthracene	17.519	178	72885	9.859	ng/ul	95
77) Carbazole	17.818	167	3048544	463.404	ng/ul#	87
80) Fluoranthene	19.440	202	32357	3.409	ng/ul	98
82) Pyrene	19.798	202	12815	1.363	ng/ul	98

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

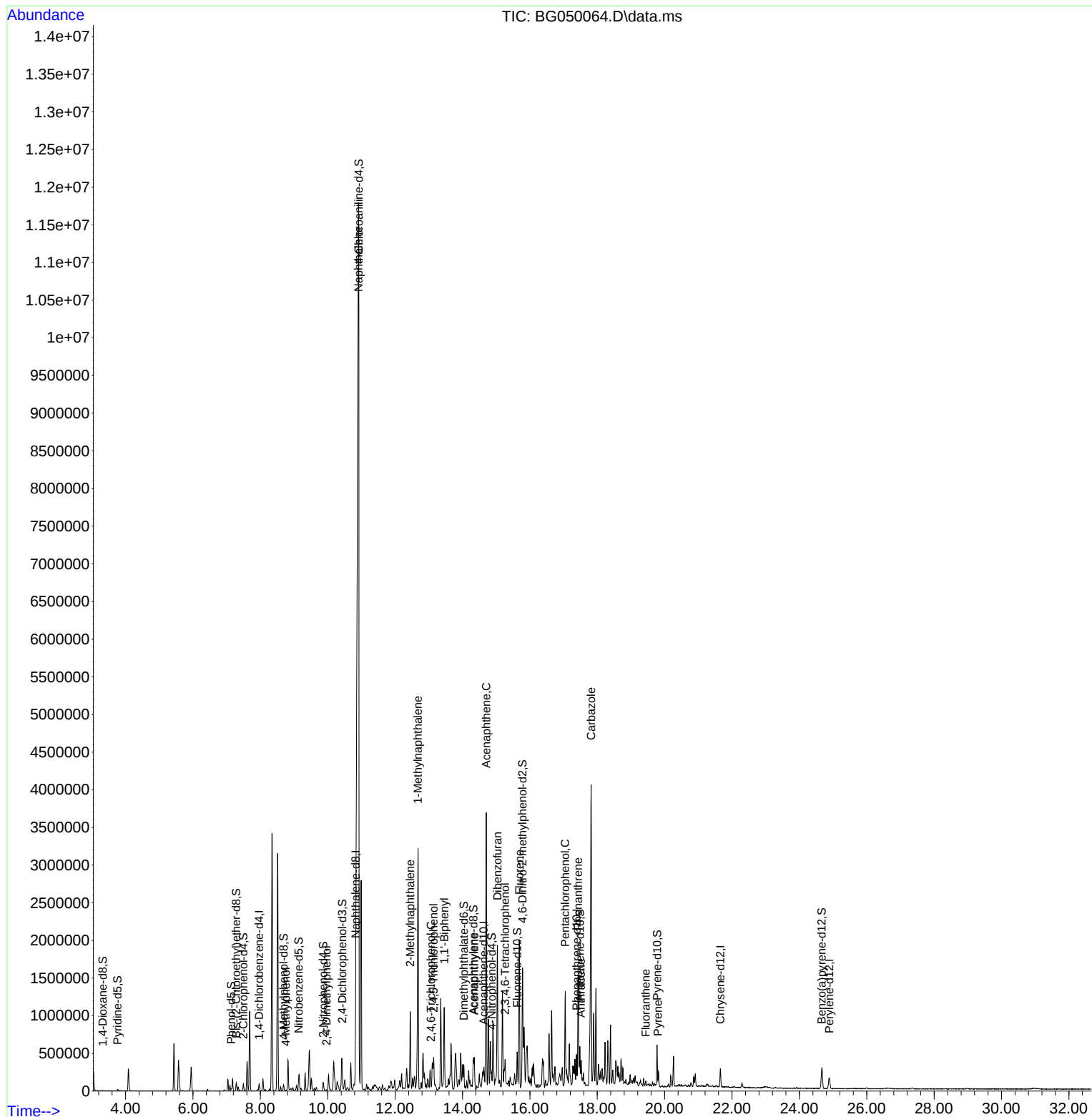
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Data File : BG050064.D
Acq On : 31 Aug 2021 14:21
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Sample : M3464-06
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ALS Vial : 38 Sample Multiplier: 1

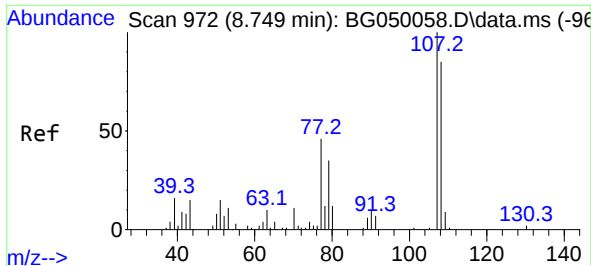
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 31 15:20:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
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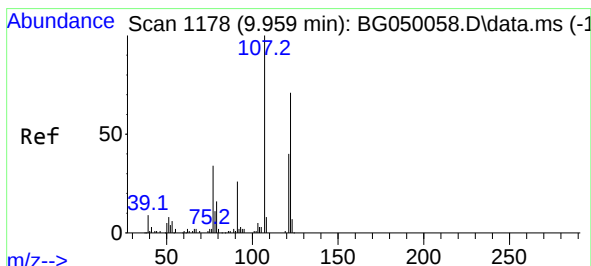
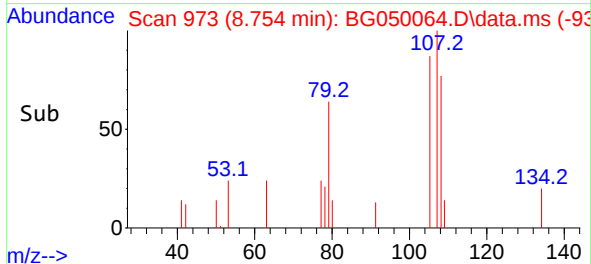
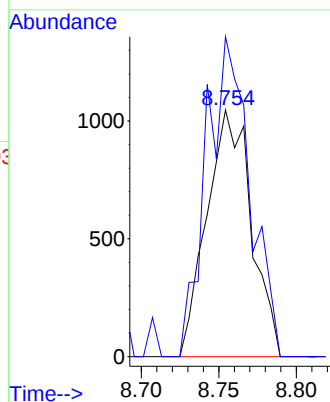
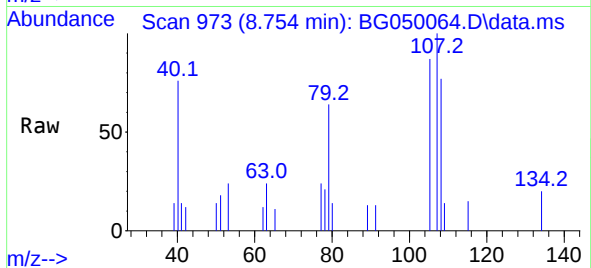
#18
4-Methylphenol
Concen: 1.092 ng/ul
RT: 8.754 min Scan# 973
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:108 Resp: 2081
Ion Ratio Lower Upper
108 100
107 129.7 78.3 117.5#

Instrument :
BNA_G
ClientSampled :
DBKF9

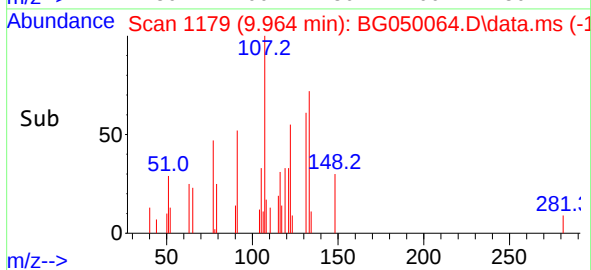
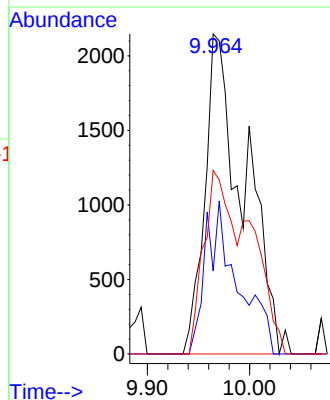
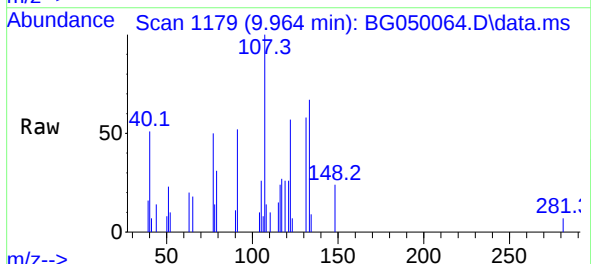
Manual Integrations
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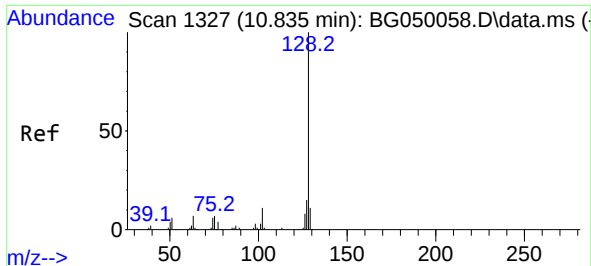
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#26
2,4-Dimethylphenol
Concen: 2.653 ng/ul m
RT: 9.964 min Scan# 1179
Delta R.T. 0.013 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:107 Resp: 5694
Ion Ratio Lower Upper
107 100
121 26.0 32.7 49.1#
122 57.4 52.6 79.0





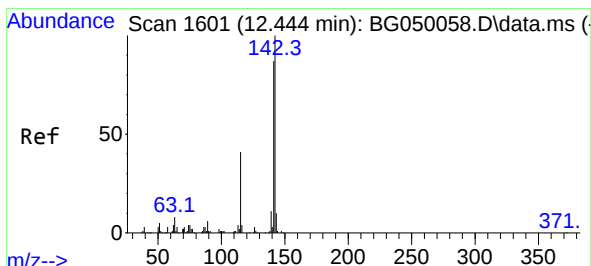
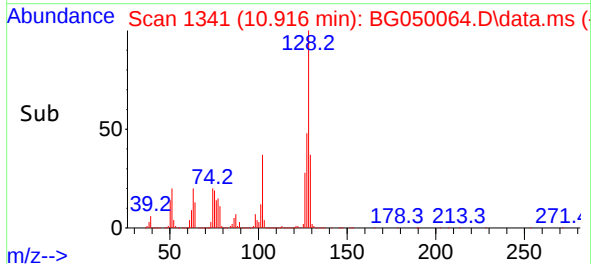
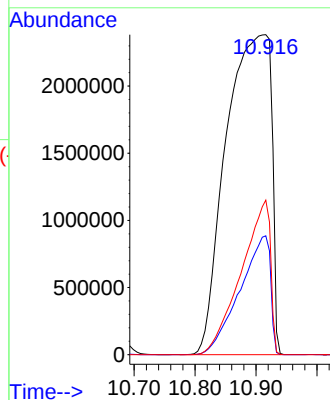
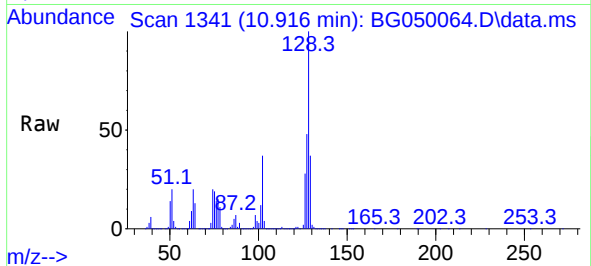
#30
Naphthalene
Concen: 2284.616 ng/uI
RT: 10.916 min Scan# 1341
Delta R.T. 0.089 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:128 Resp:12285643
Ion Ratio Lower Upper
128 100
129 37.1 9.3 13.9#
127 48.3 9.8 14.6#

Instrument :
BNA_G
ClientSampled :
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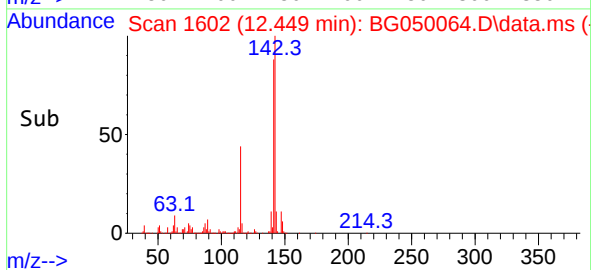
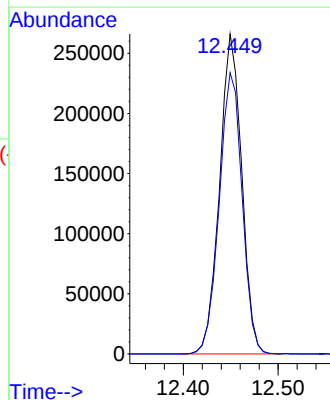
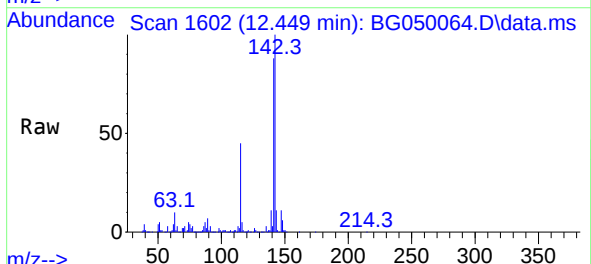
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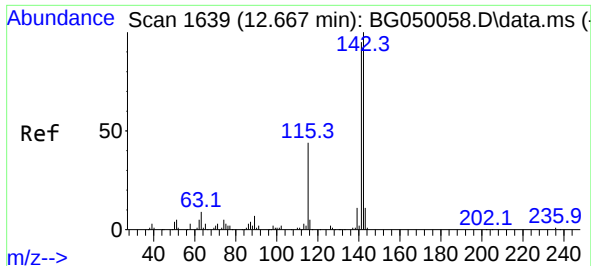
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#36
2-Methylnaphthalene
Concen: 107.961 ng/uI
RT: 12.449 min Scan# 1602
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

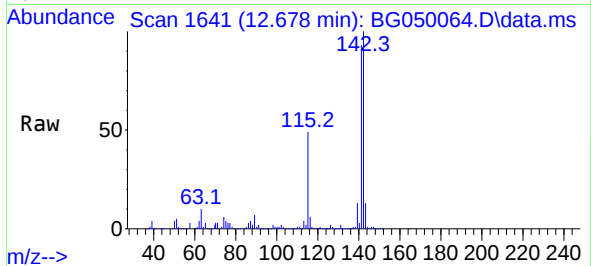
Tgt Ion:142 Resp: 431565
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7





#37
1-Methylnaphthalene
Concen: 362.957 ng/ul
RT: 12.678 min Scan# 1641
Delta R.T. 0.019 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

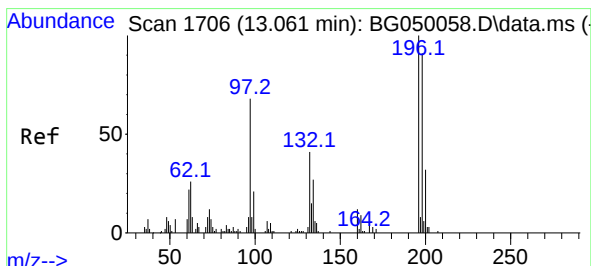
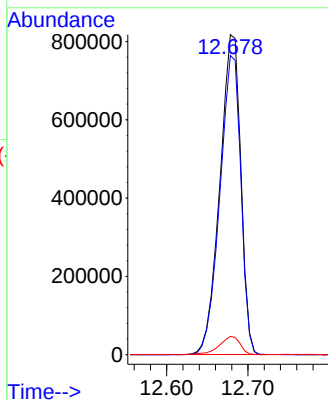
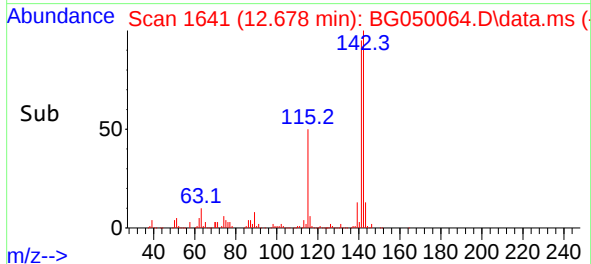
Instrument :
BNA_G
ClientSampled :
DBKF9



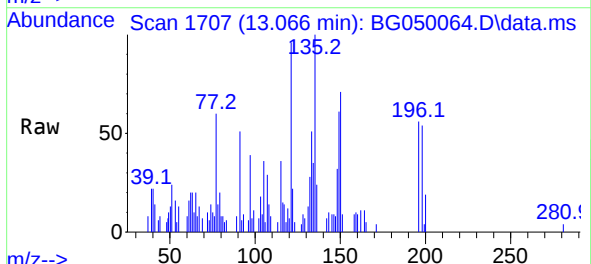
Tgt Ion:142 Resp: 1464513
Ion Ratio Lower Upper
142 100
141 93.5 75.8 113.8
116 5.7 3.7 5.5#

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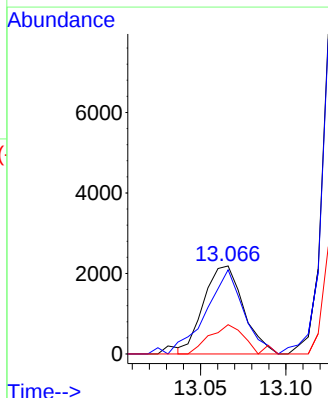
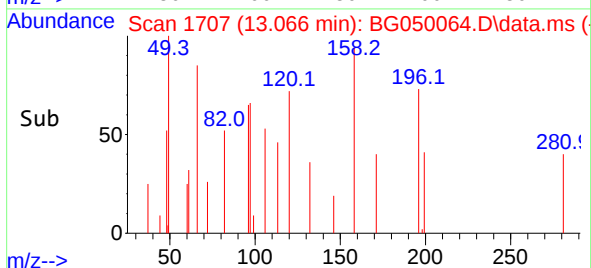
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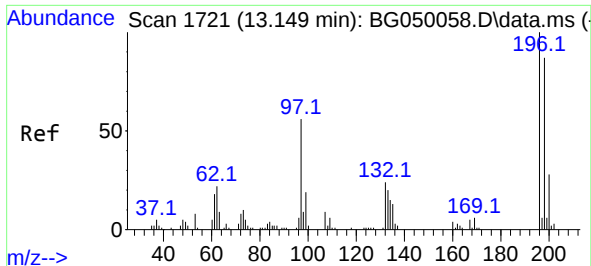


#41
2,4,6-Trichlorophenol
Concen: 2.640 ng/ul
RT: 13.066 min Scan# 1707
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21



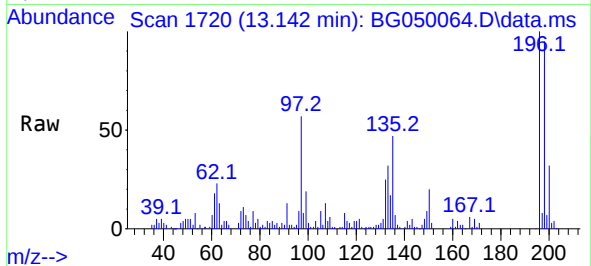
Tgt Ion:196 Resp: 3533
Ion Ratio Lower Upper
196 100
198 95.5 83.7 125.5
200 33.3 25.9 38.9





#42
2,4,5-Trichlorophenol
Concen: 61.151 ng/ul
RT: 13.142 min Scan# 1720
Delta R.T. 0.001 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

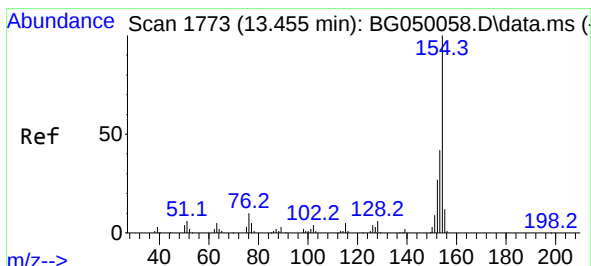
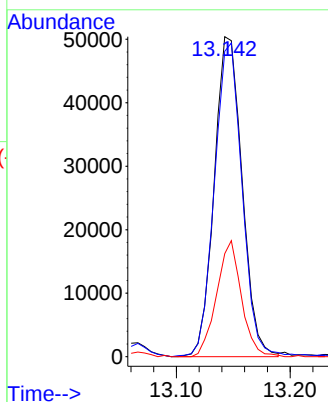
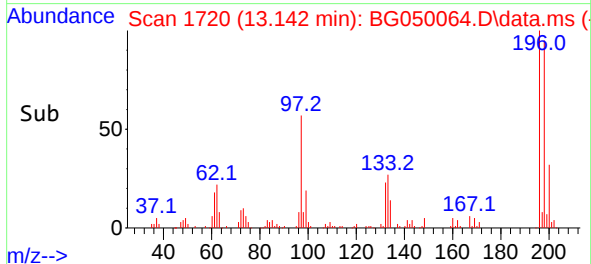
Instrument :
BNA_G
ClientSampled :
DBKF9



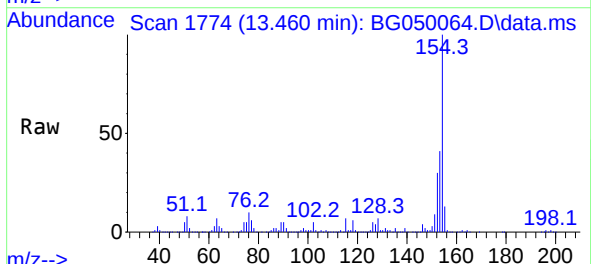
Tgt Ion:196 Resp: 85763
Ion Ratio Lower Upper
196 100
198 95.5 70.3 105.5
200 32.2 26.6 40.0

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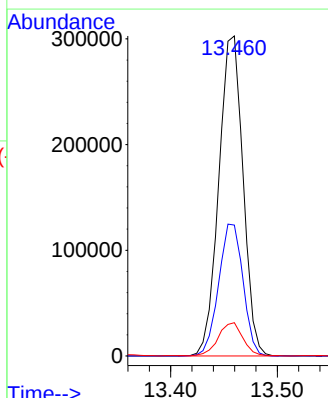
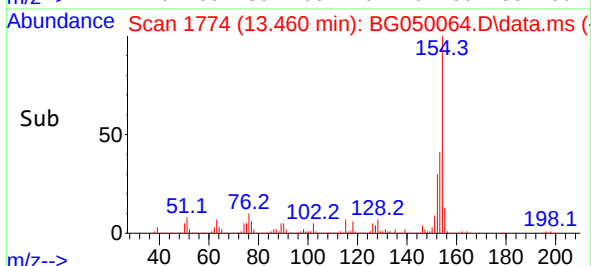
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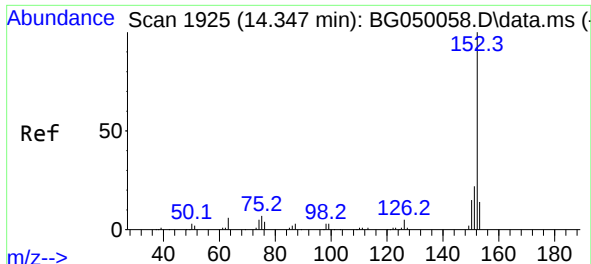


#43
1,1'-Biphenyl
Concen: 95.623 ng/ul
RT: 13.460 min Scan# 1774
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21



Tgt Ion:154 Resp: 477608
Ion Ratio Lower Upper
154 100
153 40.9 32.5 48.7
76 10.4 7.8 11.8





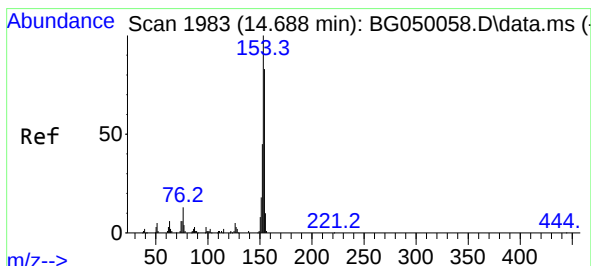
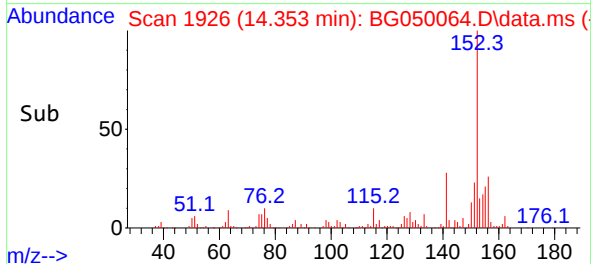
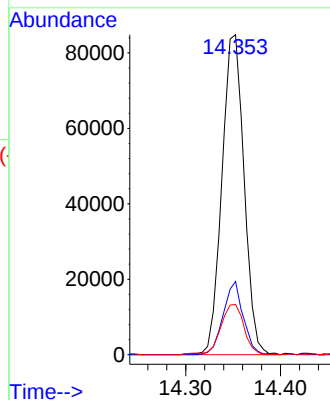
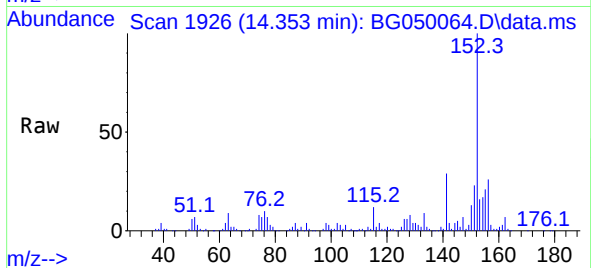
#50
Acenaphthylene
Concen: 23.464 ng/ul
RT: 14.353 min Scan# 1926
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:152 Resp: 137575
Ion Ratio Lower Upper
152 100
151 22.9 15.2 22.8#
153 15.7 10.7 16.1

Instrument :
BNA_G
ClientSampled :
DBKF9

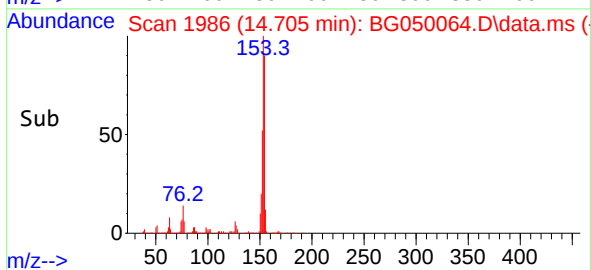
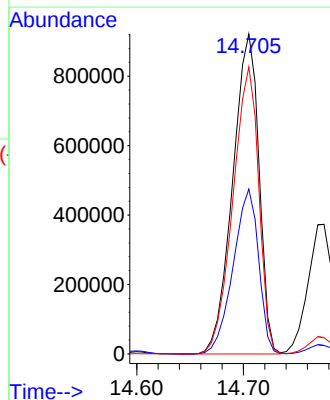
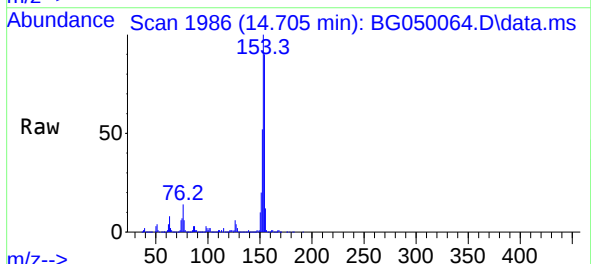
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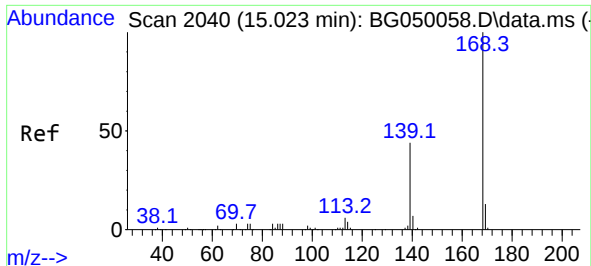
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#52
Acenaphthene
Concen: 371.365 ng/ul
RT: 14.705 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:153 Resp: 1579515
Ion Ratio Lower Upper
153 100
152 51.6 37.4 56.2
154 89.7 71.5 107.3





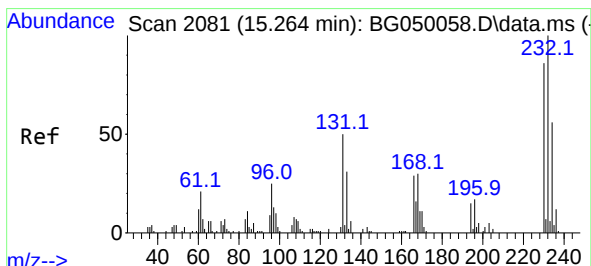
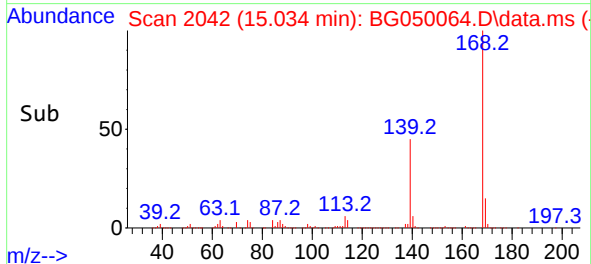
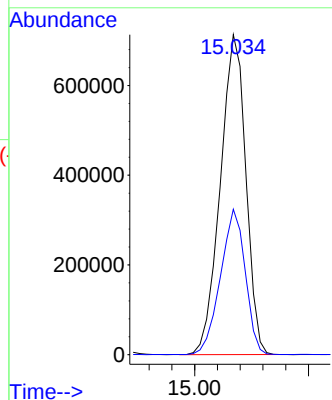
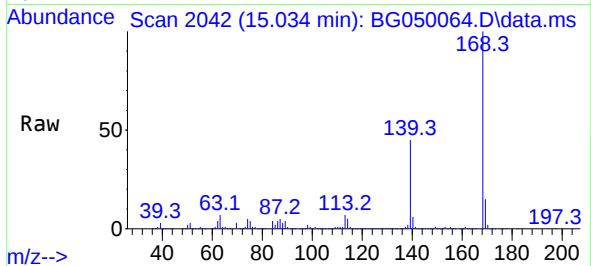
#56
Dibenzofuran
Concen: 188.600 ng/ul
RT: 15.034 min Scan# 2042
Delta R.T. 0.013 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:168 Resp: 1110863
Ion Ratio Lower Upper
168 100
139 45.5 33.8 50.8

Instrument :
BNA_G
ClientSampled :
DBKF9

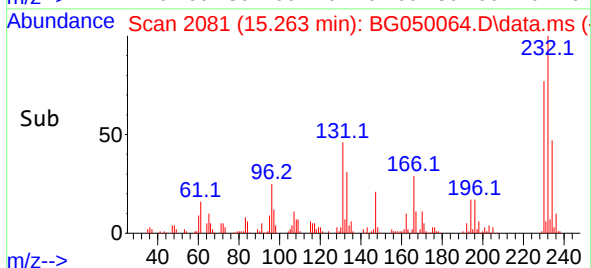
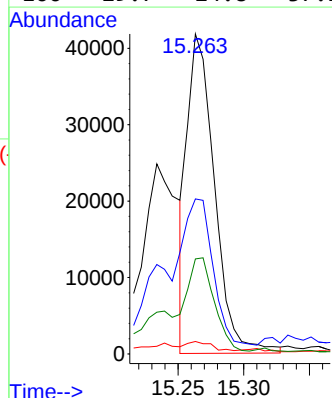
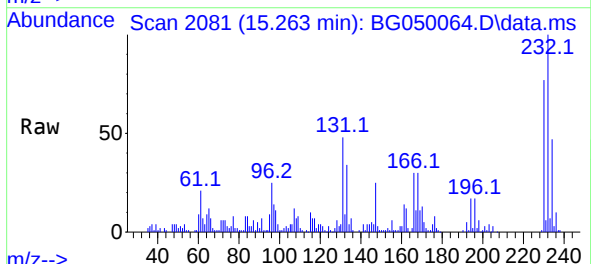
Manual Integrations
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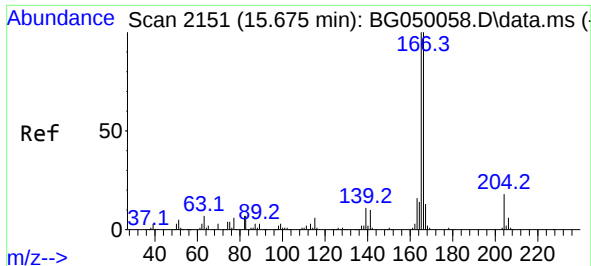
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#58
2,3,4,6-Tetrachlorophenol
Concen: 51.888 ng/ul
RT: 15.263 min Scan# 2081
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

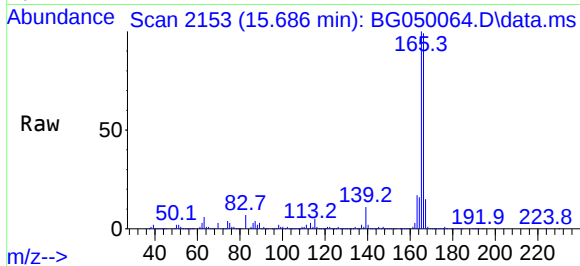
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Ion Ratio Lower Upper
232 100
131 48.4 40.0 60.0
130 3.9 1.8 2.8#
166 29.7 24.8 37.2





#61
Fluorene
Concen: 172.600 ng/ul
RT: 15.686 min Scan# 2153
Delta R.T. 0.018 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

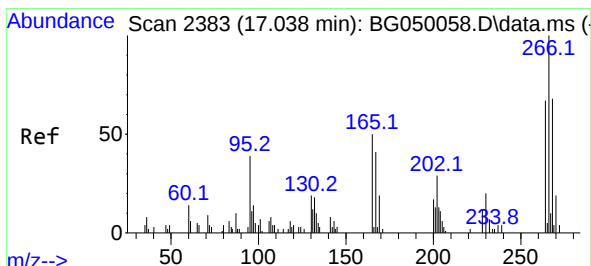
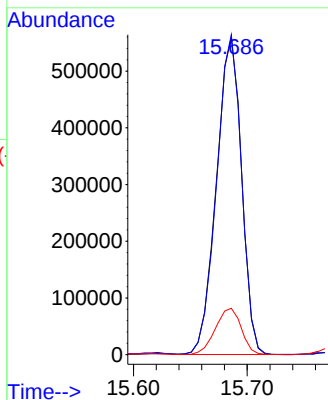
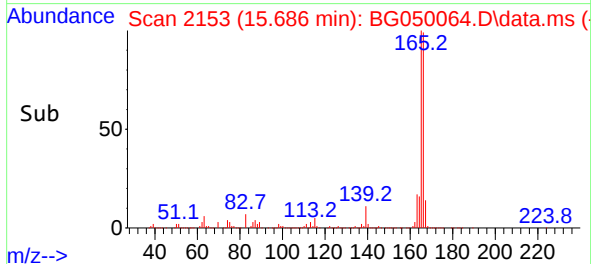
Instrument :
BNA_G
ClientSampled :
DBKF9



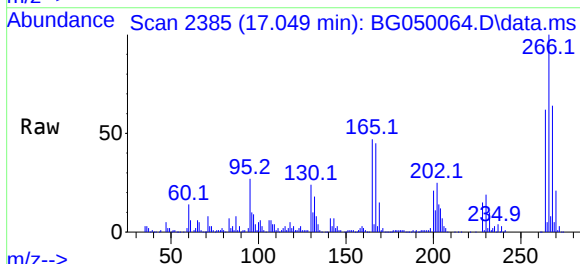
Tgt Ion:166 Resp: 857711
Ion Ratio Lower Upper
166 100
165 100.9 83.3 124.9
167 14.6 11.8 17.6

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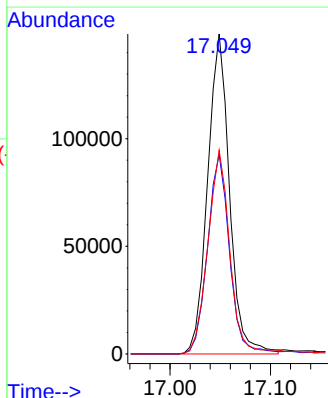
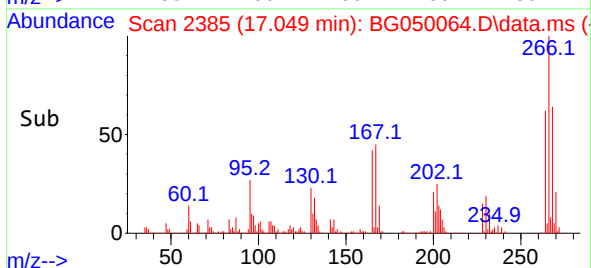
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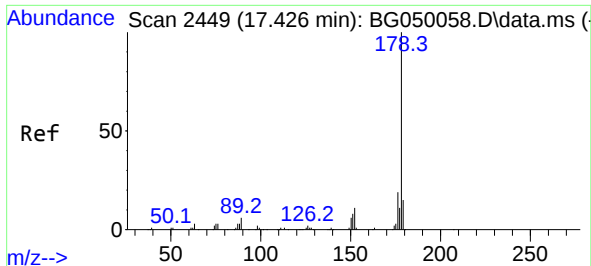


#71
Pentachlorophenol
Concen: 284.576 ng/ul
RT: 17.049 min Scan# 2385
Delta R.T. 0.013 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21



Tgt Ion:266 Resp: 225263
Ion Ratio Lower Upper
266 100
264 62.3 54.1 81.1
268 63.7 52.6 78.8





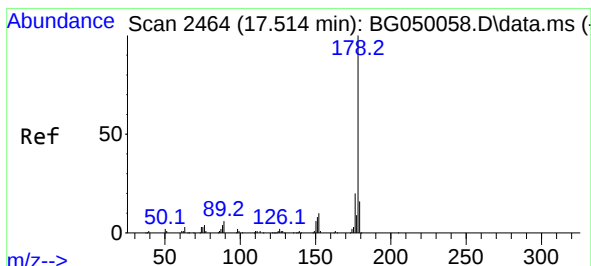
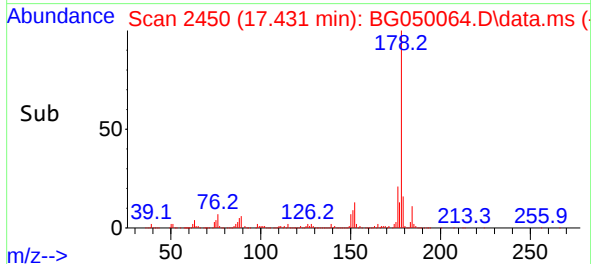
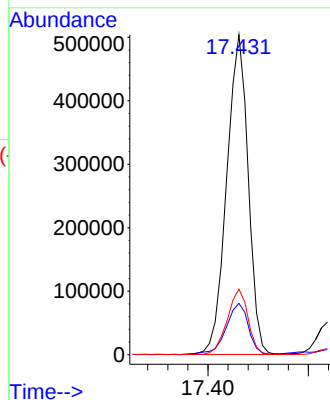
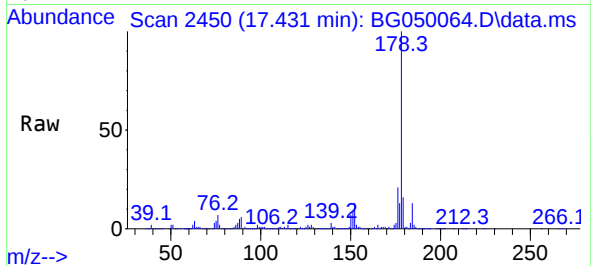
#72
Phenanthrene
Concen: 102.518 ng/u1
RT: 17.431 min Scan# 2450
Delta R.T. 0.013 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

Tgt Ion:178 Resp: 747923
Ion Ratio Lower Upper
178 100
179 16.1 11.7 17.5
176 20.5 16.2 24.2

Instrument :
BNA_G
ClientSampled :
DBKF9

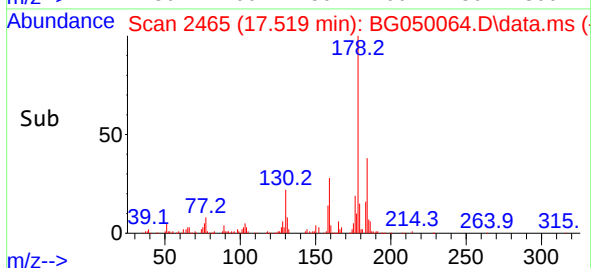
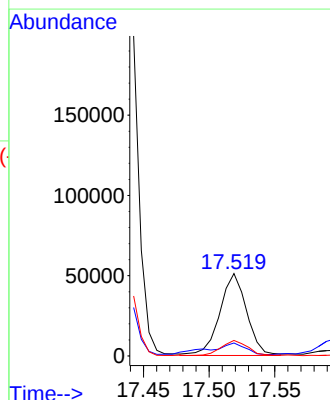
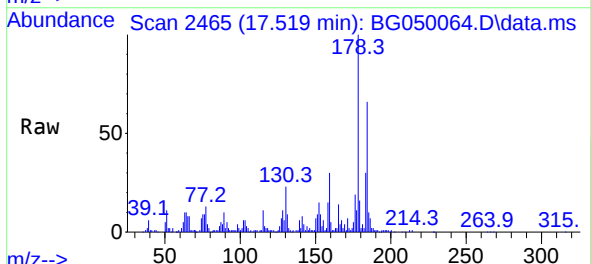
Manual Integrations
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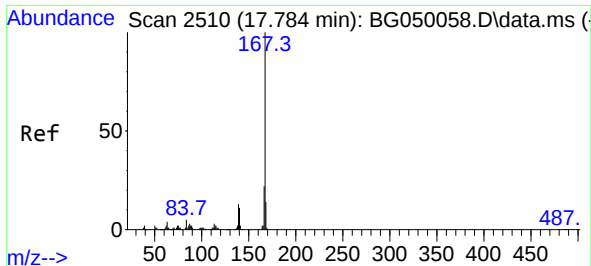
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#74
Anthracene
Concen: 9.859 ng/u1
RT: 17.519 min Scan# 2465
Delta R.T. 0.013 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

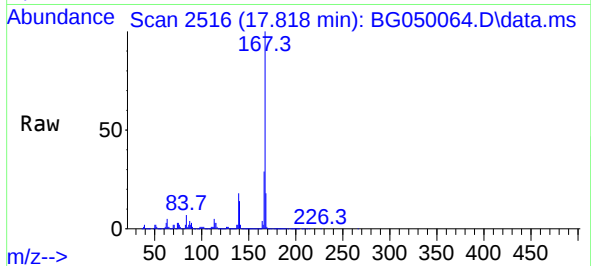
Tgt Ion:178 Resp: 72885
Ion Ratio Lower Upper
178 100
179 15.8 11.4 17.0
176 18.9 12.8 19.2





#77
Carbazole
Concen: 463.404 ng/ul
RT: 17.818 min Scan# 2516
Delta R.T. 0.036 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

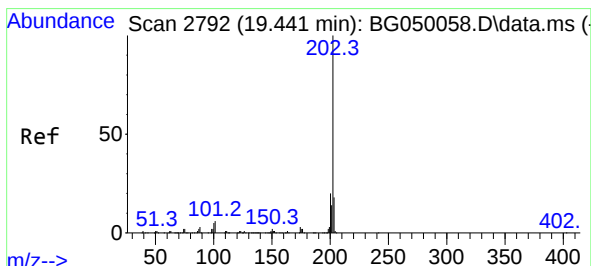
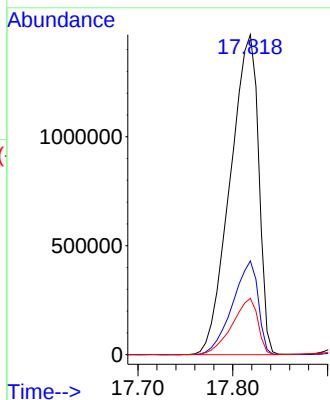
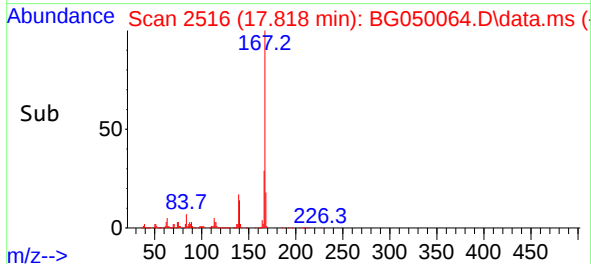
Instrument :
BNA_G
ClientSampled :
DBKF9



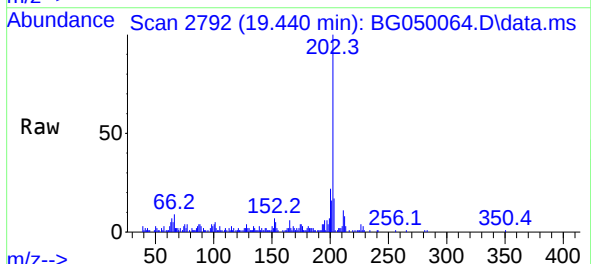
Tgt Ion:167 Resp: 3048544
Ion Ratio Lower Upper
167 100
166 29.3 17.8 26.8#
139 17.6 11.1 16.7#

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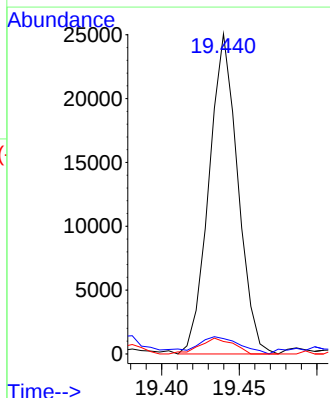
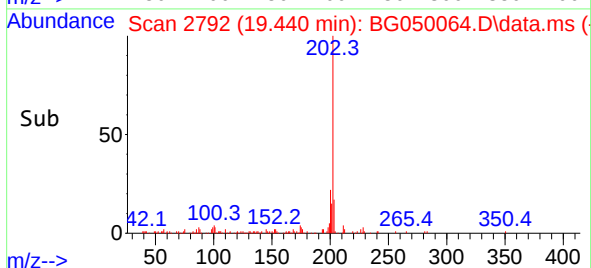
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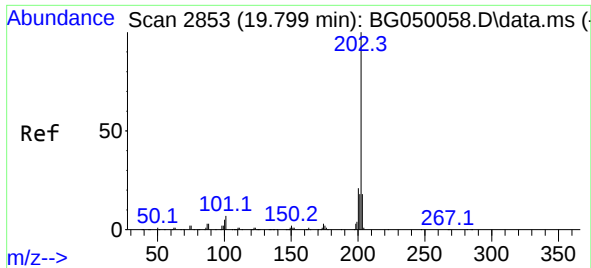


#80
Fluoranthene
Concen: 3.409 ng/ul
RT: 19.440 min Scan# 2792
Delta R.T. 0.007 min
Lab File: BG050064.D
Acq: 31 Aug 2021 14:21

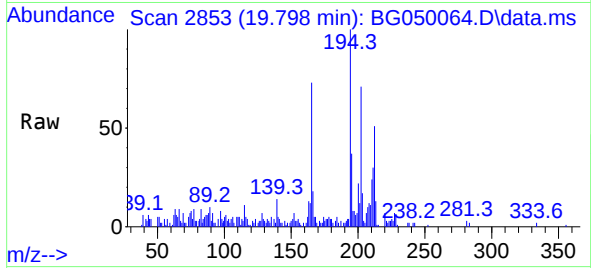


Tgt Ion:202 Resp: 32357
Ion Ratio Lower Upper
202 100
101 4.8 4.3 6.5
100 3.9 3.5 5.3

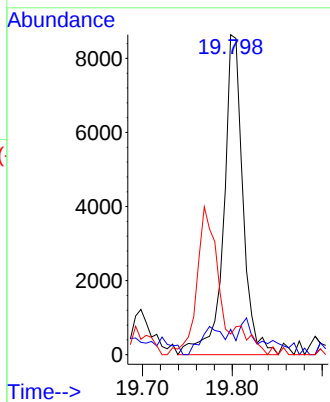
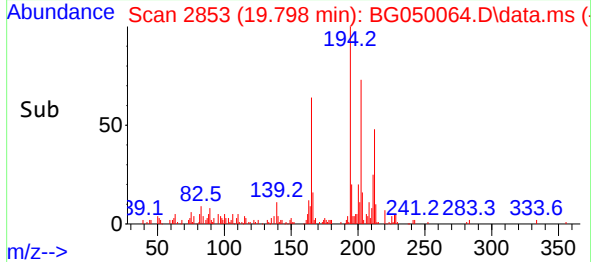




#82
 Pyrene
 Concen: 1.363 ng/ul
 RT: 19.798 min Scan# 2853
 Delta R.T. 0.001 min
 Lab File: BG050064.D
 Acq: 31 Aug 2021 14:21



Tgt Ion:	202	Resp:	12815
Ion Ratio	Lower	Upper	
202	100		
101	7.9	5.4	8.0
100	6.5	5.0	7.6



Instrument :
 BNA_G
 ClientSampleId :
 DBKF9

Manual Integrations
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