

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050224.D
 Acq On : 9 Sep 2021 9:11
 Operator : CG/JU
 Sample : M3608-19
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKL5

Manual Integrations
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mohammad
 9/9/2021 11:47:33 AM

Quant Time: Sep 09 09:54:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	51803	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.781	136	157211	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.611	164	102103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.372	188	213572	20.000	ng/ul	0.00
79) Chrysene-d12	21.637	240	245710	20.000	ng/ul	0.00
88) Perylene-d12	24.850	264	258449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	3528	3.367	ng/uL	0.00
4) Pyridine-d5	3.749	84	31658m	8.511	ng/ul	0.01
7) Phenol-d5	7.121	99	60048	14.929	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	115573	49.201	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	109432	32.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	47856	15.133	ng/ul	0.00
21) Nitrobenzene-d5	9.124	128	40330	37.375	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	58040	44.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	72559	28.974	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	85084	27.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.018	166	267592	34.709	ng/ul	0.00
49) Acenaphthylene-d8	14.300	160	316958	34.527	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.852	143	12495	13.432	ng/ul	0.00
60) Fluorene-d10	15.604	176	226452	35.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	94216	73.132	ng/ul	0.00
73) Anthracene-d10	17.472	188	359464	37.493	ng/ul	0.00
81) Pyrene-d10	19.757	212	433460	35.417	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	479092	35.018	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.150	94	6111	1.543	ng/ul#	64
13) 2-Methylphenol	8.408	108	4661	1.462	ng/ul	98
18) 4-Methylphenol	8.736	108	8185	2.703	ng/ul#	76
26) 2,4-Dimethylphenol	9.952	107	22261m	7.227	ng/ul	
30) Naphthalene	10.863	128	7544006	1044.835	ng/ul#	58
36) 2-Methylnaphthalene	12.431	142	146397	27.418	ng/ul	100
37) 1-Methylnaphthalene	12.655	142	1165592	227.349	ng/ul	97
42) 2,4,5-Trichlorophenol	13.131	196	30359	14.889	ng/ul#	82
43) 1,1'-Biphenyl	13.436	154	449196	60.941	ng/ul	98
50) Acenaphthylene	14.329	152	68362	7.968	ng/ul#	92
52) Acenaphthene	14.681	153	1307566	213.891	ng/ul	97
56) Dibenzofuran	15.010	168	966985	114.972	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	228653	148.057	ng/ul#	91
61) Fluorene	15.662	166	662677	93.977	ng/ul	95
71) Pentachlorophenol	17.049	266	1571149	1998.895	ng/ul	98
72) Phenanthrene	17.413	178	815044	74.825	ng/ul	97
74) Anthracene	17.501	178	65216	5.905	ng/ul	94
77) Carbazole	17.789	167	2368920	243.279	ng/ul#	92
80) Fluoranthene	19.422	202	44416	2.920	ng/ul#	97
82) Pyrene	19.786	202	17040	1.142	ng/ul#	94

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

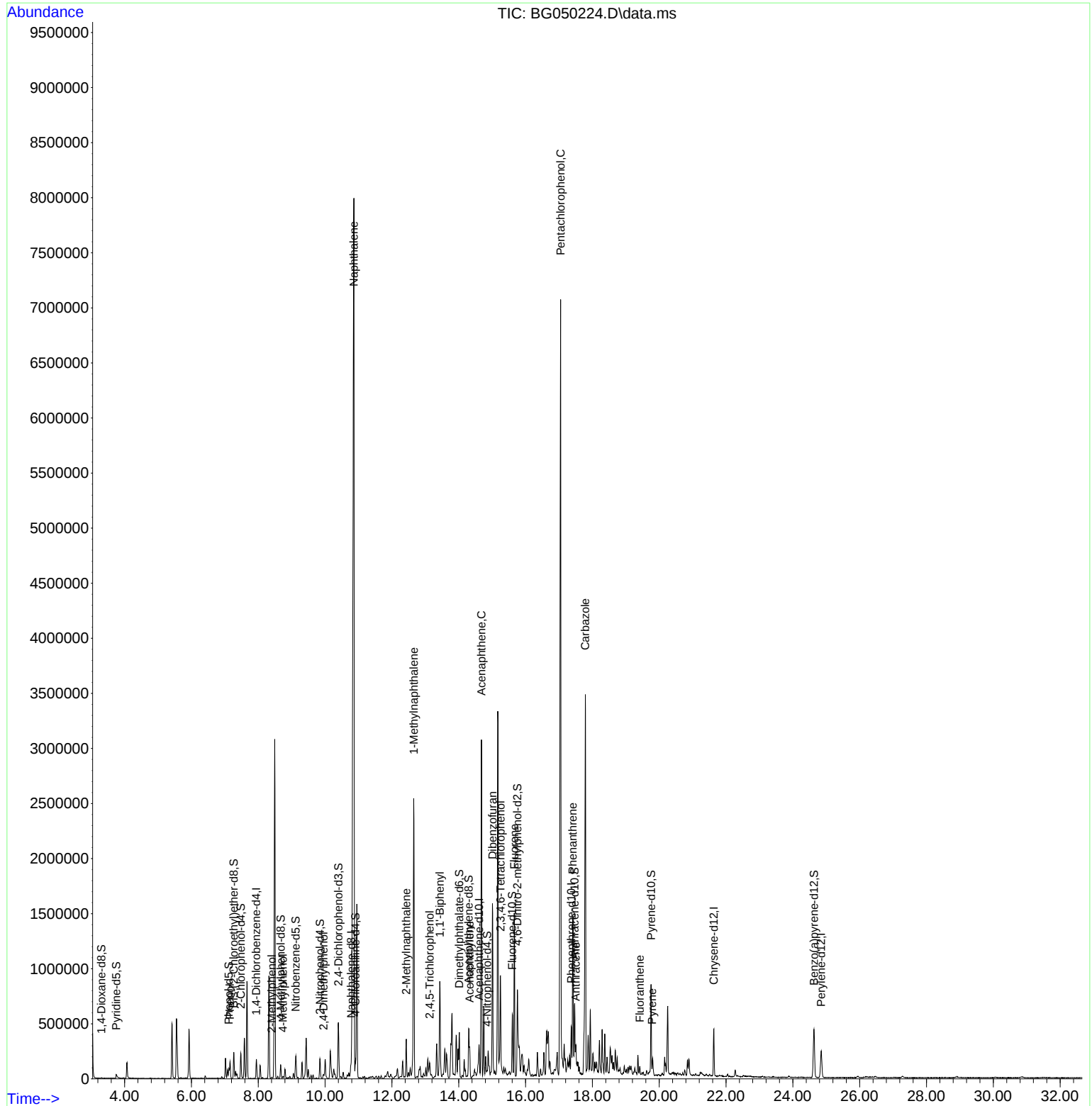
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050224.D
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Operator : CG/JU
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ALS Vial : 52 Sample Multiplier: 1

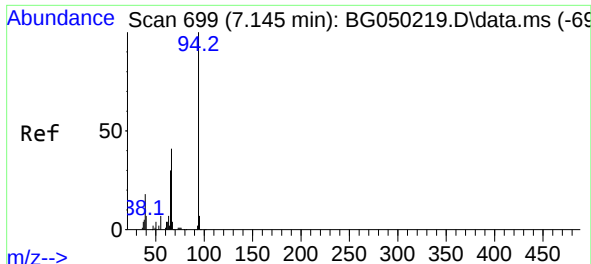
Instrument :
BNA_G
ClientSampleId :
DBKL5

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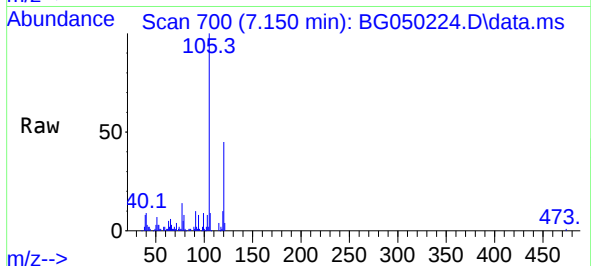
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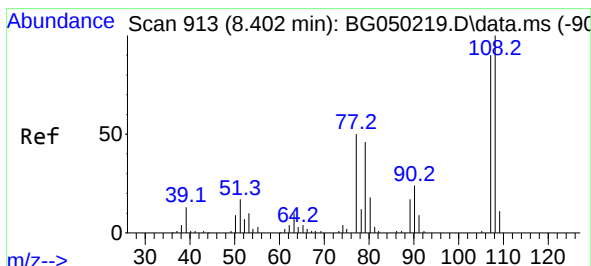
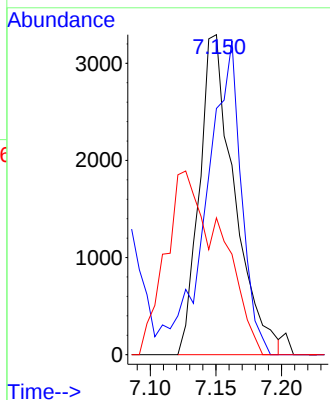
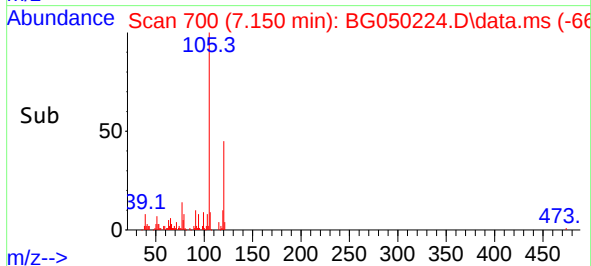




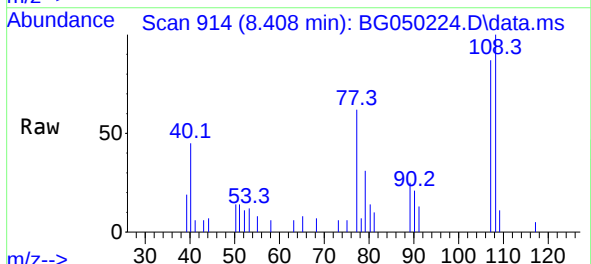
#8
Phenol
Concen: 1.543 ng/ul
RT: 7.150 min Scan# 700
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



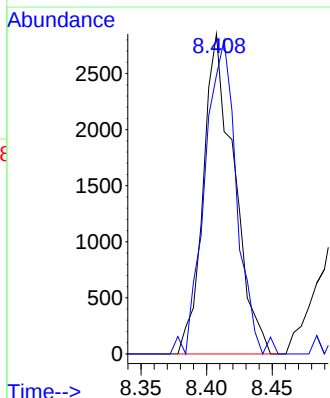
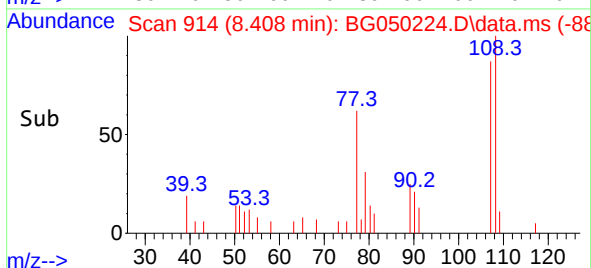
Tgt Ion: 94 Resp: 6111
Ion Ratio Lower Upper
94 100
65 77.0 27.7 41.5#
66 42.7 39.0 58.4



#13
2-Methylphenol
Concen: 1.462 ng/ul
RT: 8.408 min Scan# 914
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



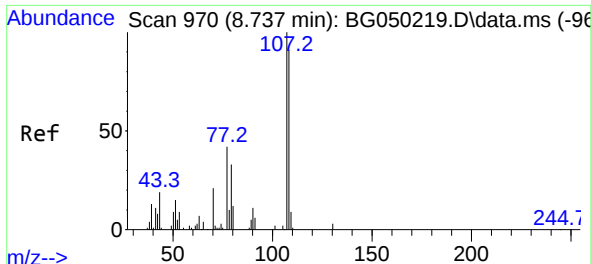
Tgt Ion: 108 Resp: 4661
Ion Ratio Lower Upper
108 100
107 87.1 71.0 106.4



Instrument :
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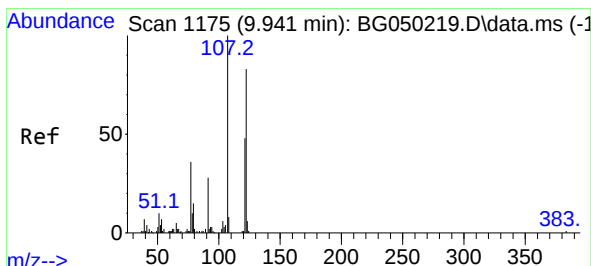
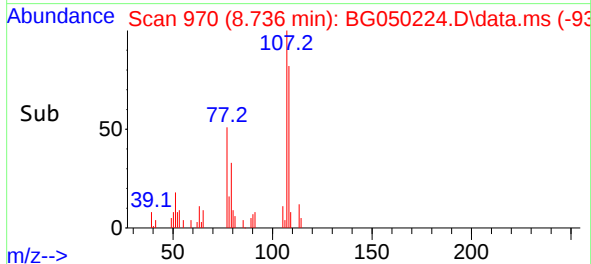
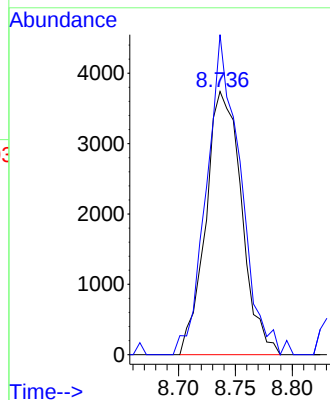
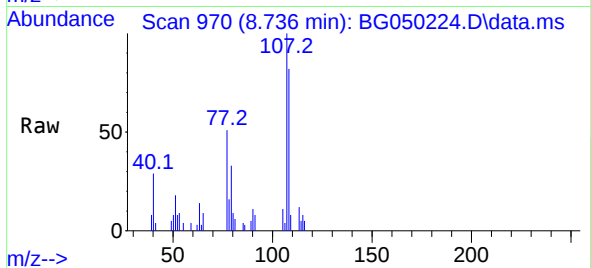
#18
4-Methylphenol
Concen: 2.703 ng/ul
RT: 8.736 min Scan# 970
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

Instrument :
BNA_G
ClientSampleId :
DBKL5

Tgt Ion:108 Resp: 8185
Ion Ratio Lower Upper
108 100
107 121.5 78.3 117.5#

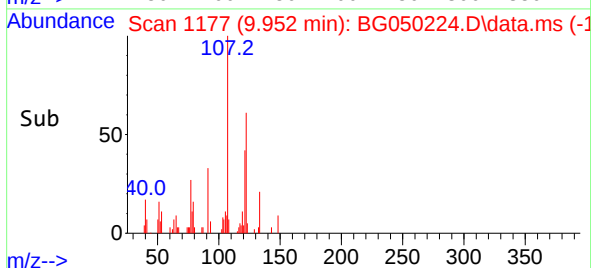
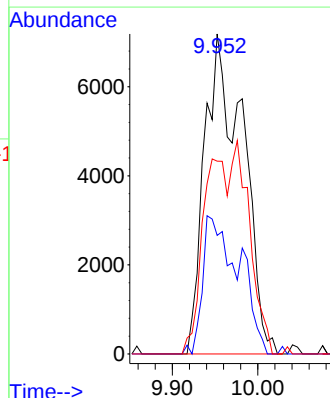
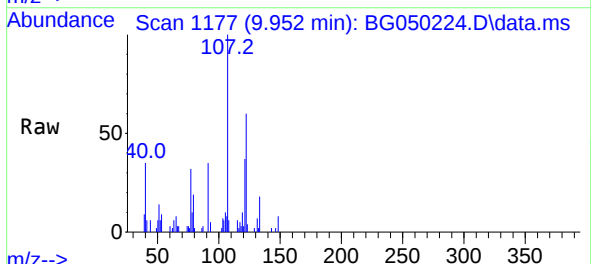
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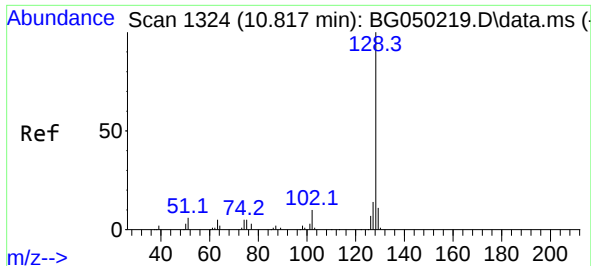
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#26
2,4-Dimethylphenol
Concen: 7.227 ng/ul m
RT: 9.952 min Scan# 1177
Delta R.T. 0.005 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

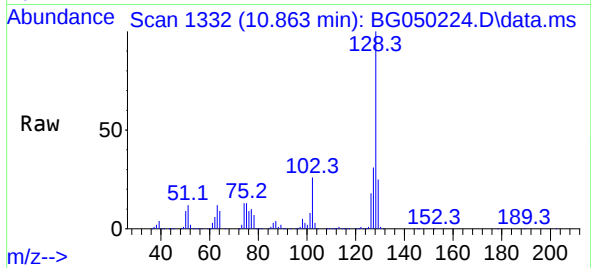
Tgt Ion:107 Resp: 22261
Ion Ratio Lower Upper
107 100
121 37.1 32.7 49.1
122 60.3 52.6 79.0





#30
Naphthalene
Concen: 1044.835 ng/ul
RT: 10.863 min Scan# 1332
Delta R.T. 0.040 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

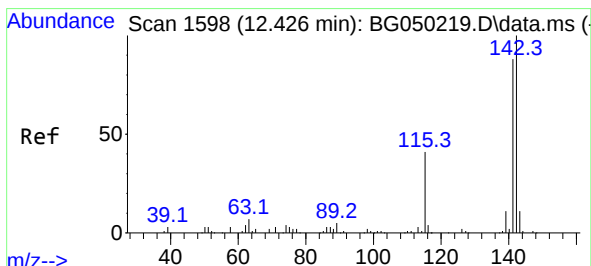
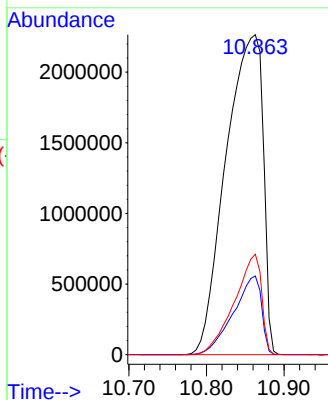
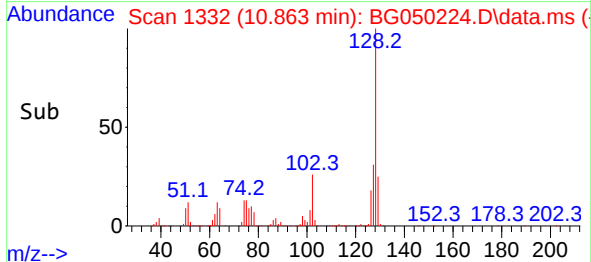
Instrument :
BNA_G
ClientSampled :
DBKL5



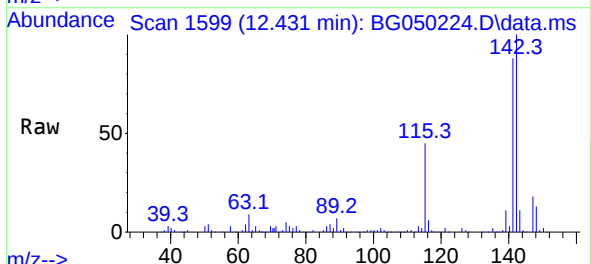
Tgt Ion:128 Resp: 7544006
Ion Ratio Lower Upper
128 100
129 24.6 9.3 13.9#
127 31.4 9.8 14.6#

Manual Integrations
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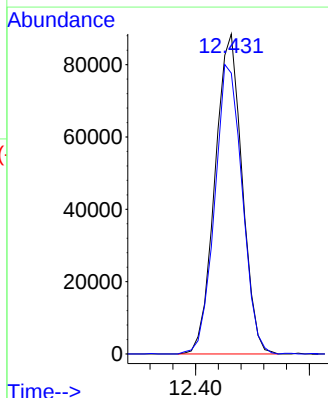
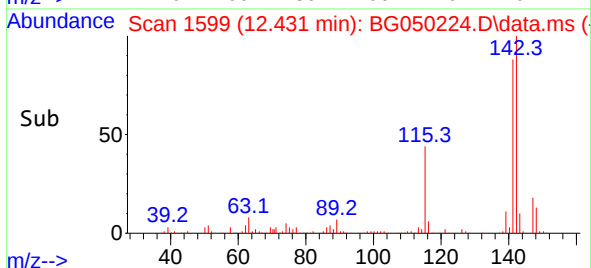
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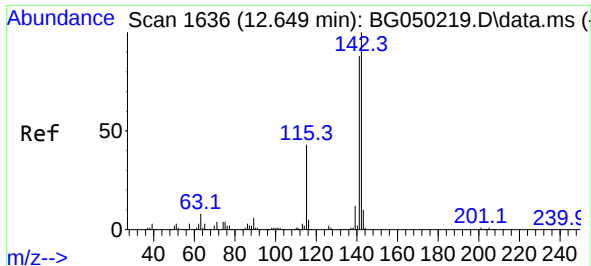


#36
2-Methylnaphthalene
Concen: 27.418 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



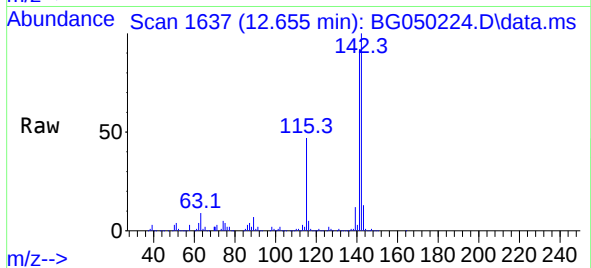
Tgt Ion:142 Resp: 146397
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7





#37
1-Methylnaphthalene
Concen: 227.349 ng/ul
RT: 12.655 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

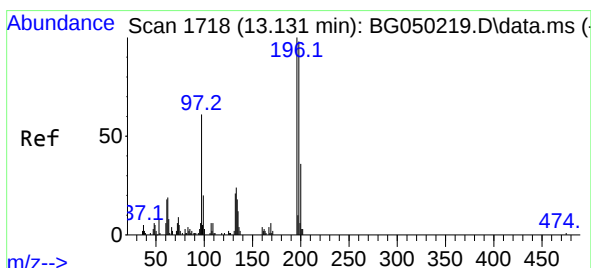
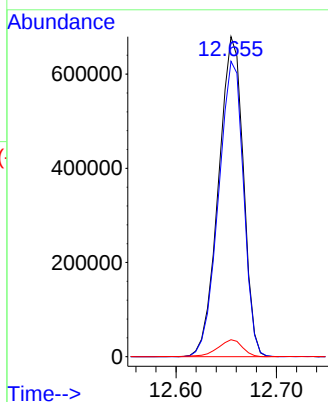
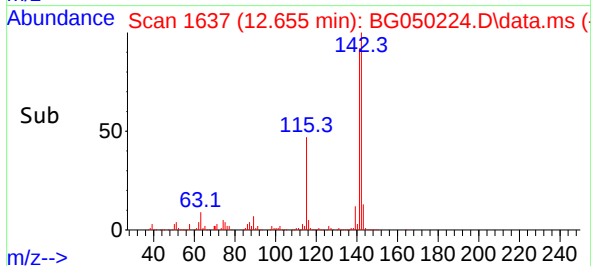
Instrument :
BNA_G
ClientSampleId :
DBKL5



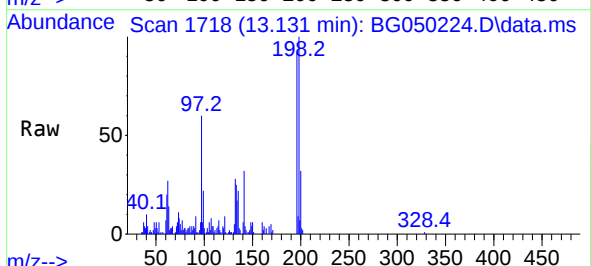
Tgt Ion:142 Resp: 1165592
Ion Ratio Lower Upper
142 100
141 92.3 75.8 113.8
116 5.3 3.7 5.5

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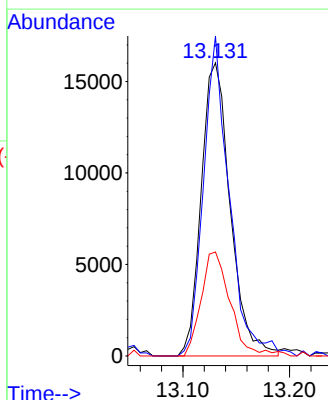
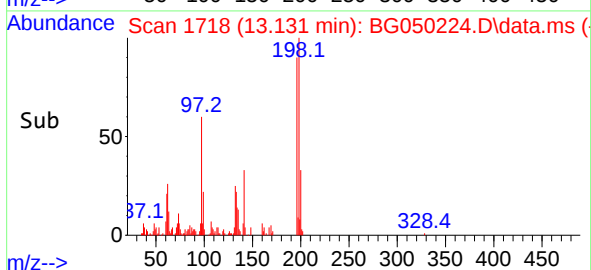
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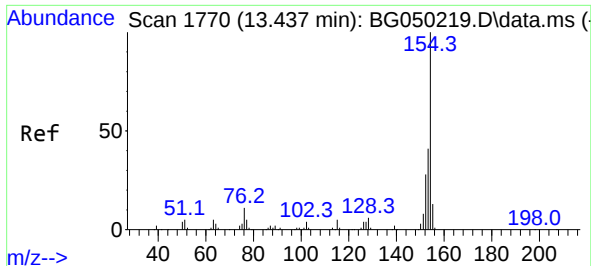


#42
2,4,5-Trichlorophenol
Concen: 14.889 ng/ul
RT: 13.131 min Scan# 1718
Delta R.T. -0.013 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



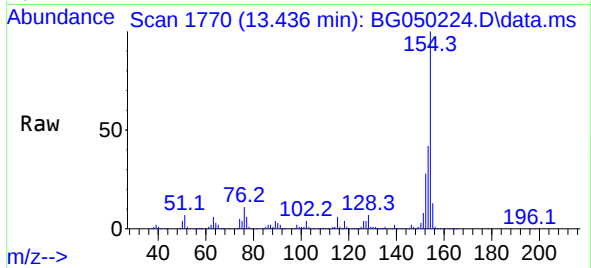
Tgt Ion:196 Resp: 30359
Ion Ratio Lower Upper
196 100
198 109.2 70.3 105.5#
200 35.5 26.6 40.0





#43
1,1'-Biphenyl
Concen: 60.941 ng/ul
RT: 13.436 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

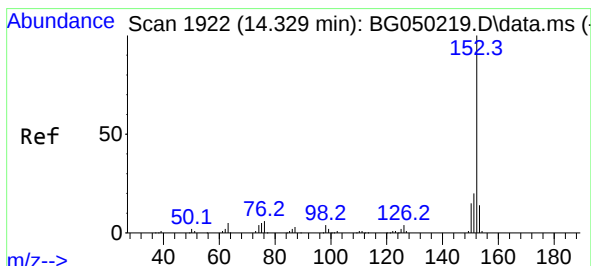
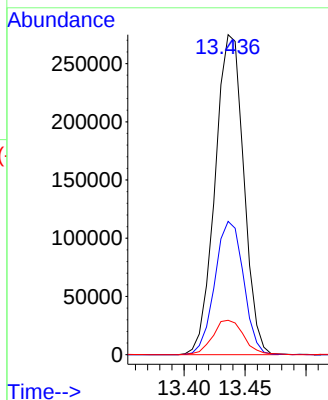
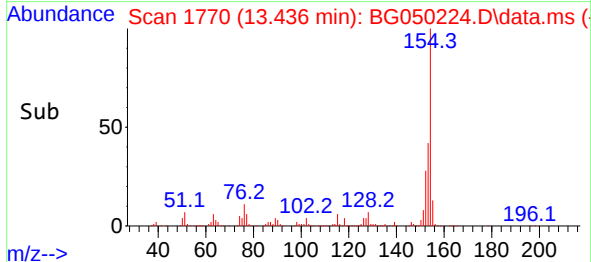
Instrument :
BNA_G
ClientSampleId :
DBKL5



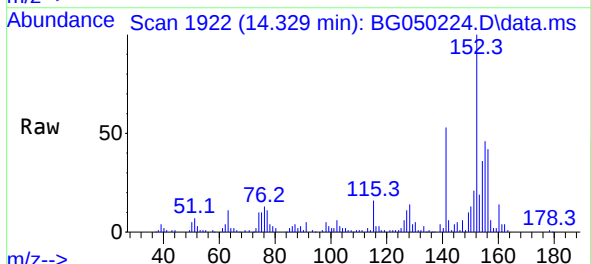
Tgt Ion:154 Resp: 449196
Ion Ratio Lower Upper
154 100
153 41.7 32.5 48.7
76 10.8 7.8 11.8

Manual Integrations
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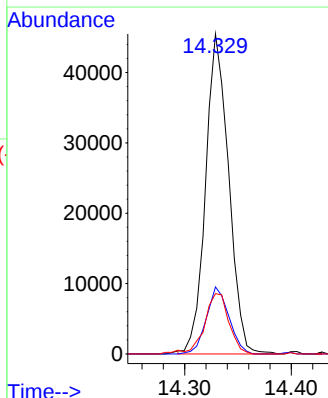
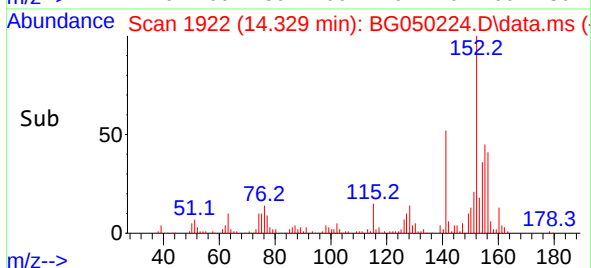
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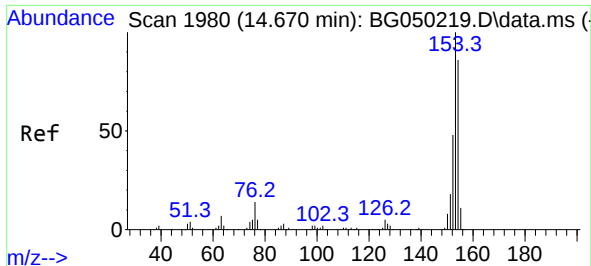


#50
Acenaphthylene
Concen: 7.968 ng/ul
RT: 14.329 min Scan# 1922
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



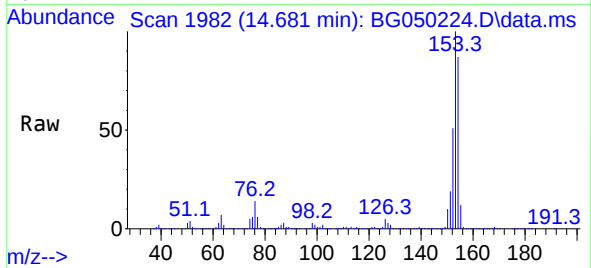
Tgt Ion:152 Resp: 68362
Ion Ratio Lower Upper
152 100
151 21.0 15.2 22.8
153 18.9 10.7 16.1#





#52
Acenaphthene
Concen: 213.891 ng/ul
RT: 14.681 min Scan# 1982
Delta R.T. 0.005 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

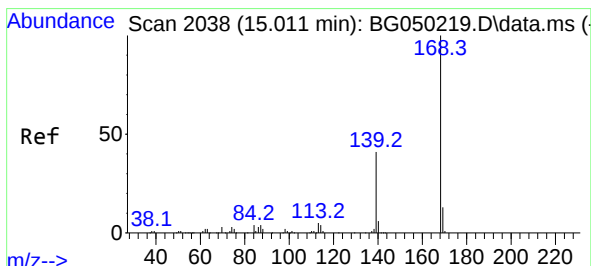
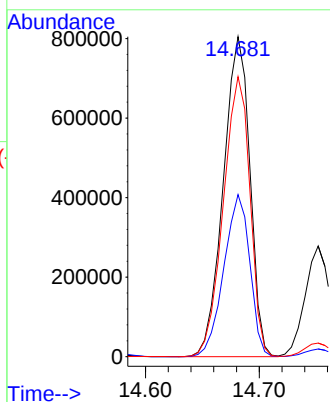
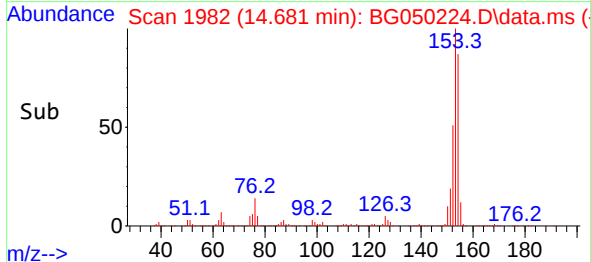
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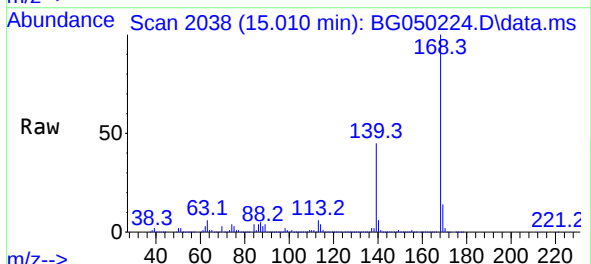
Tgt Ion:153 Resp: 1307566
Ion Ratio Lower Upper
153 100
152 50.6 37.4 56.2
154 87.5 71.5 107.3

Manual Integrations
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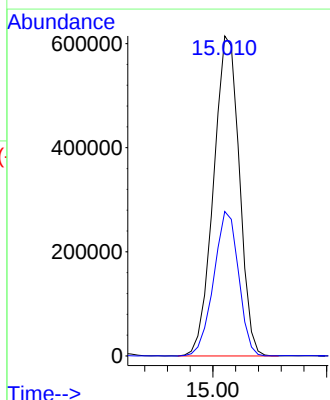
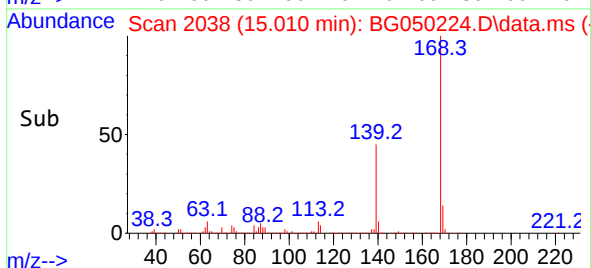
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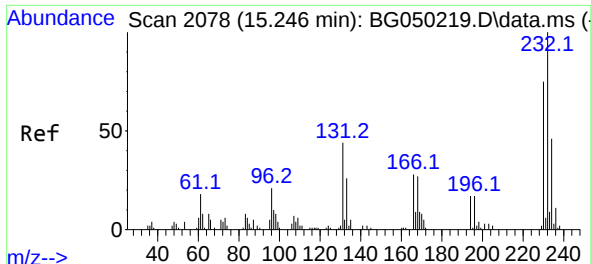


#56
Dibenzofuran
Concen: 114.972 ng/ul
RT: 15.010 min Scan# 2038
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



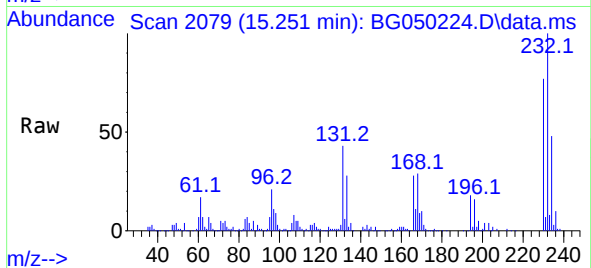
Tgt Ion:168 Resp: 966985
Ion Ratio Lower Upper
168 100
139 45.1 33.8 50.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 148.057 ng/ul
RT: 15.251 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

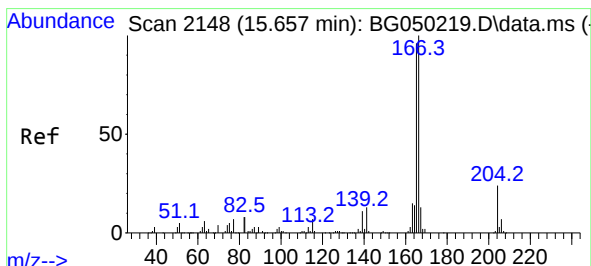
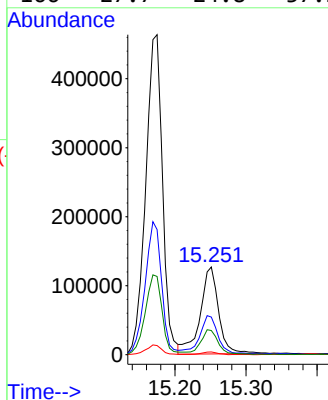
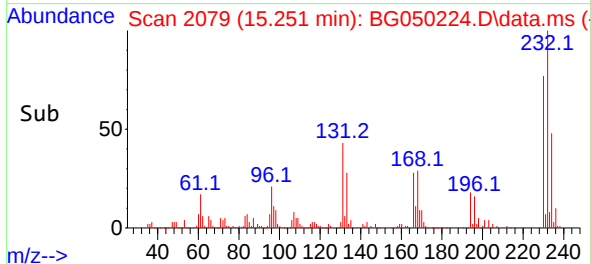
Instrument :
BNA_G
ClientSampled :
DBKL5



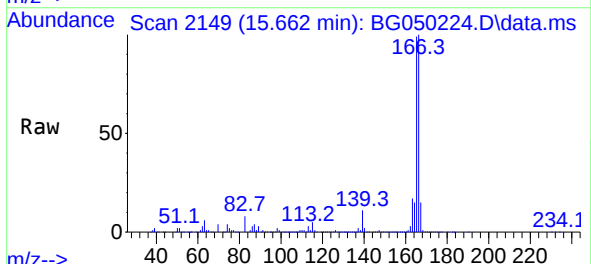
Tgt Ion:232 Resp: 228653
Ion Ratio Lower Upper
232 100
131 42.9 40.0 60.0
130 3.2 1.8 2.8#
166 27.7 24.8 37.2

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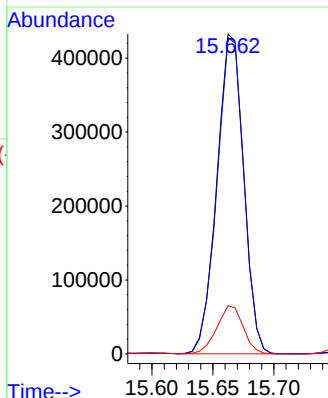
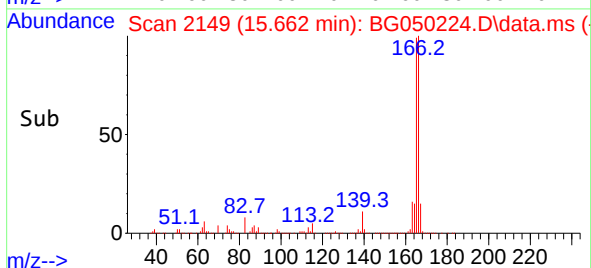
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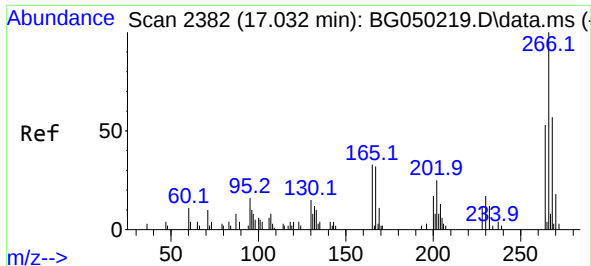


#61
Fluorene
Concen: 93.977 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11



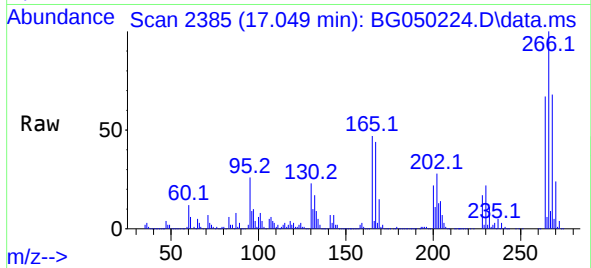
Tgt Ion:166 Resp: 662677
Ion Ratio Lower Upper
166 100
165 98.9 83.3 124.9
167 15.1 11.8 17.6





#71
 Pentachlorophenol
 Concen: 1998.895 ng/ul
 RT: 17.049 min Scan# 2385
 Delta R.T. 0.010 min
 Lab File: BG050224.D
 Acq: 9 Sep 2021 9:11

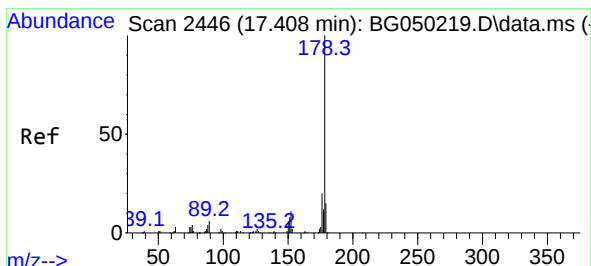
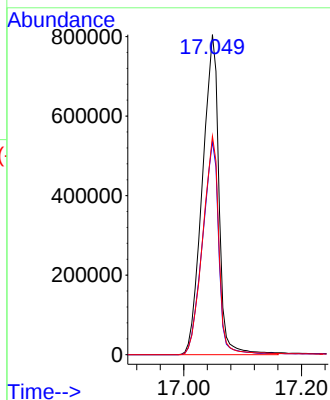
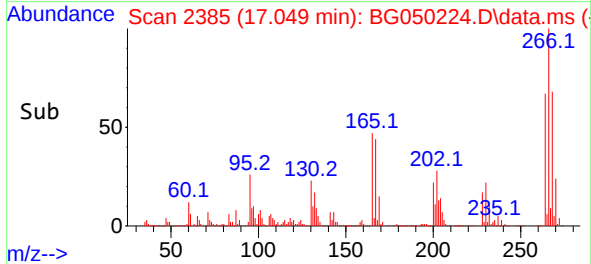
Instrument :
 BNA_G
 ClientSampled :
 DBKL5



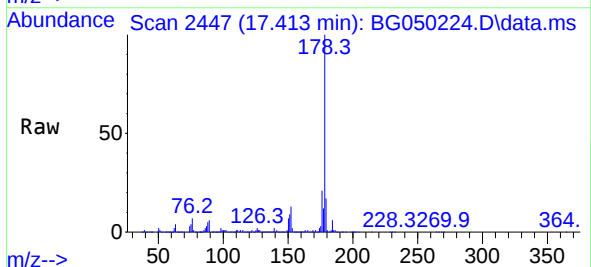
Tgt Ion:266 Resp: 1571149
 Ion Ratio Lower Upper
 266 100
 264 66.7 54.1 81.1
 268 68.3 52.6 78.8

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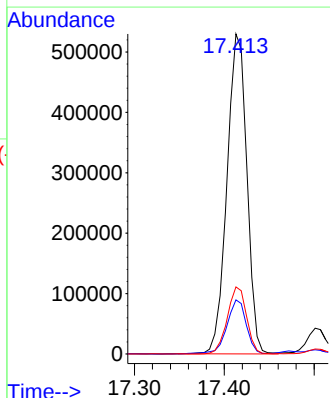
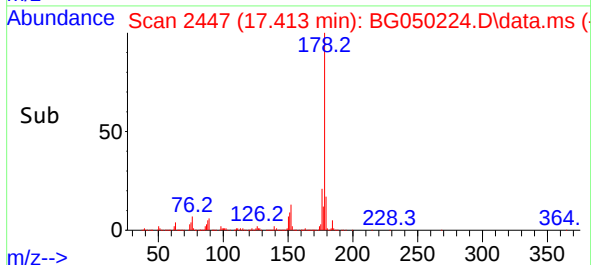
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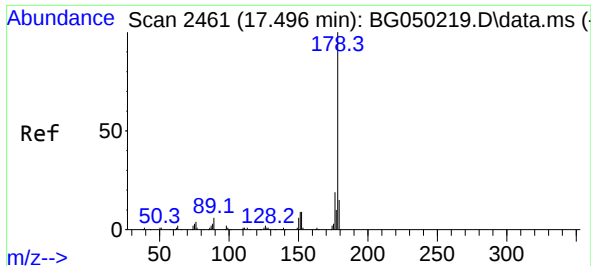


#72
 Phenanthrene
 Concen: 74.825 ng/ul
 RT: 17.413 min Scan# 2447
 Delta R.T. -0.001 min
 Lab File: BG050224.D
 Acq: 9 Sep 2021 9:11



Tgt Ion:178 Resp: 815044
 Ion Ratio Lower Upper
 178 100
 179 16.9 11.7 17.5
 176 21.0 16.2 24.2





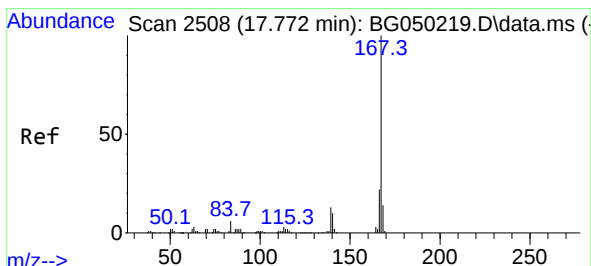
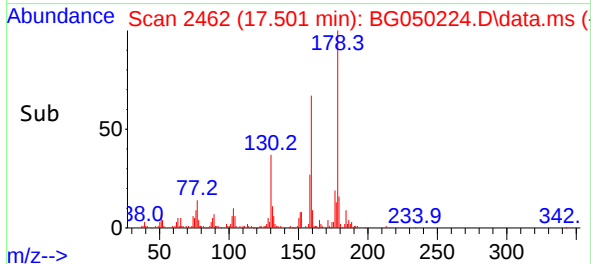
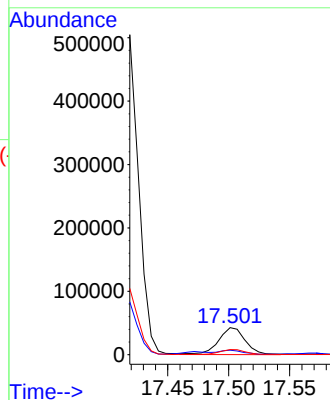
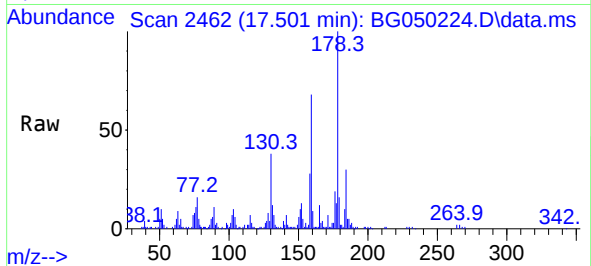
#74
 Anthracene
 Concen: 5.905 ng/ul
 RT: 17.501 min Scan# 2462
 Delta R.T. -0.001 min
 Lab File: BG050224.D
 Acq: 9 Sep 2021 9:11

Tgt Ion:178 Resp: 65216
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.4 17.0
 176 19.0 12.8 19.2

Instrument :
 BNA_G
 ClientSampleId :
 DBKL5

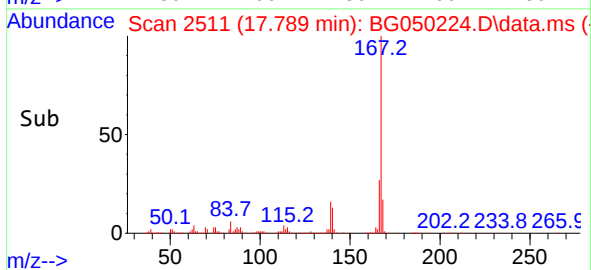
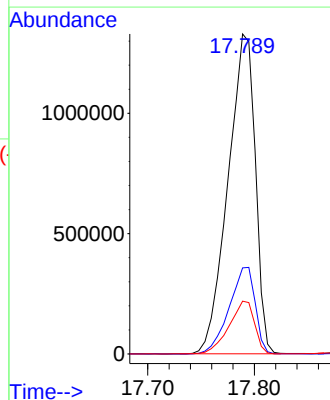
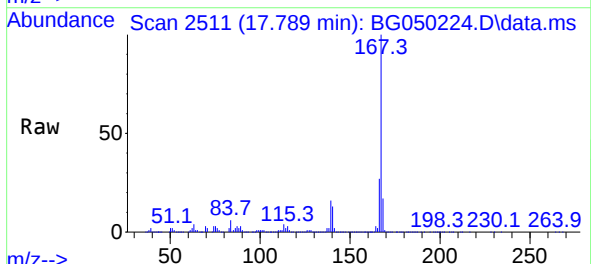
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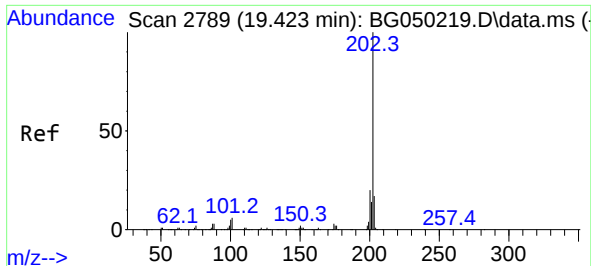
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#77
 Carbazole
 Concen: 243.279 ng/ul
 RT: 17.789 min Scan# 2511
 Delta R.T. 0.010 min
 Lab File: BG050224.D
 Acq: 9 Sep 2021 9:11

Tgt Ion:167 Resp: 2368920
 Ion Ratio Lower Upper
 167 100
 166 26.9 17.8 26.8#
 139 16.5 11.1 16.7





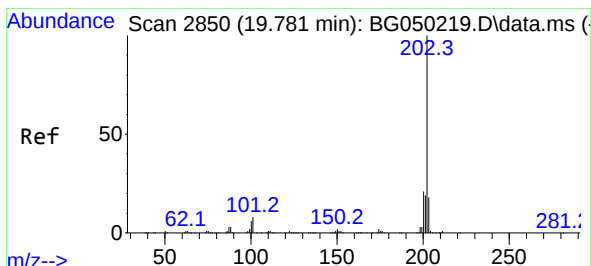
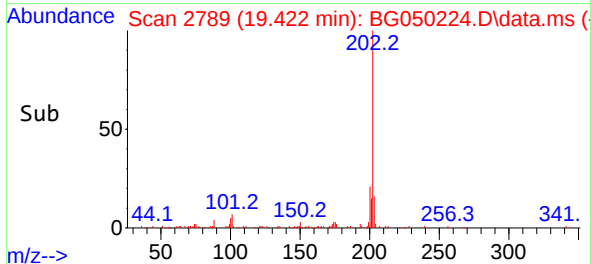
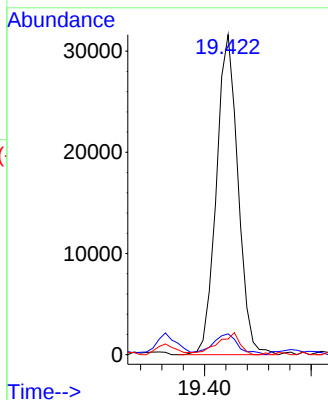
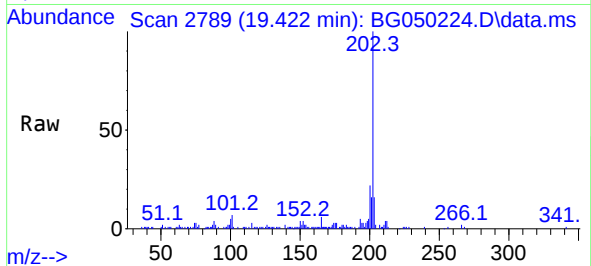
#80
Fluoranthene
Concen: 2.920 ng/ul
RT: 19.422 min Scan# 2789
Delta R.T. -0.007 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

Instrument :
BNA_G
ClientSampleId :
DBKL5

Tgt Ion:	202	Resp:	44416
Ion Ratio	Lower	Upper	
202	100		
101	6.5	4.3	6.5#
100	4.9	3.5	5.3

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#82
Pyrene
Concen: 1.142 ng/ul
RT: 19.786 min Scan# 2851
Delta R.T. -0.001 min
Lab File: BG050224.D
Acq: 9 Sep 2021 9:11

Tgt Ion:	202	Resp:	17040
Ion Ratio	Lower	Upper	
202	100		
101	9.5	5.4	8.0#
100	5.3	5.0	7.6

