

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050154.D
 Acq On : 4 Sep 2021 7:17
 Operator : CG/JU
 Sample : M3608-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKJ8

Manual Integrations
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Quant Time: Sep 06 02:46:19 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	7.948	152	32638	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.785	136	134139m	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.615	164	88871	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.370	188	180340	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.635	240	186198	20.000	ng/ul	-0.01
88) Perylene-d12	24.854	264	199326	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	2134	3.372	ng/uL	0.00
4) Pyridine-d5	3.748	84	24863m	13.041	ng/ul	0.00
7) Phenol-d5	7.126	99	28273	10.201	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.272	67	59515	38.653	ng/ul	0.00
11) 2-Chlorophenol-d4	7.484	132	64674	31.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.676	113	48035	22.007	ng/ul	0.00
21) Nitrobenzene-d5	9.129	128	43607	41.932	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	46492	37.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.415	165	77121	34.917	ng/ul	0.01
31) 4-Chloroaniline-d4	10.920	131	70402	23.419	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	269137	39.571	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	325270	40.788	ng/ul	0.00
54) 4-Nitrophenol-d4	14.856	143	15582	15.835	ng/ul	0.01
60) Fluorene-d10	15.608	176	230780	40.020	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.773	200	320088	275.887	ng/ul	0.02
73) Anthracene-d10	17.470	188	352519	43.531	ng/ul	0.00
81) Pyrene-d10	19.761	212	403737	40.125	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.637	264	425881	40.273	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.155	94	36067	12.884	ng/ul#	91
12) 2-Chlorophenol	7.519	128	21690	10.585	ng/ul#	85
13) 2-Methylphenol	8.406	108	121081	56.063	ng/ul	99
16) Acetophenone	8.788	105	12451	3.498	ng/ul#	96
18) 4-Methylphenol	8.747	108	129881	55.901	ng/ul	96
26) 2,4-Dimethylphenol	9.957	107	437081	163.358	ng/ul	88
30) Naphthalene	10.891	128	10871877	1621.544	ng/ul#	30
36) 2-Methylnaphthalene	12.460	142	2844076	570.651	ng/ul	94
37) 1-Methylnaphthalene	12.671	142	1705337	338.985	ng/ul#	100
42) 2,4,5-Trichlorophenol	13.135	196	92254	52.916	ng/ul	94
43) 1,1'-Biphenyl	13.446	154	622889	100.323	ng/ul	98
50) Acenaphthylene	14.339	152	72660	9.969	ng/ul#	82
52) Acenaphthene	14.698	153	2150644	406.765	ng/ul	97
56) Dibenzofuran	15.021	168	1429023	195.172	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.220	232	15758	10.908	ng/ul#	94
61) Fluorene	15.673	166	933829	151.169	ng/ul	95
71) Pentachlorophenol	17.036	266	40454	41.471	ng/ul	91
72) Phenanthrene	17.417	178	1216396	135.299	ng/ul	96
74) Anthracene	17.506	178	58556	6.427	ng/ul#	93
77) Carbazole	17.805	167	3024950	373.129	ng/ul#	87
80) Fluoranthene	19.427	202	93058	7.495	ng/ul#	95
82) Pyrene	19.785	202	41387	3.364	ng/ul	98

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

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

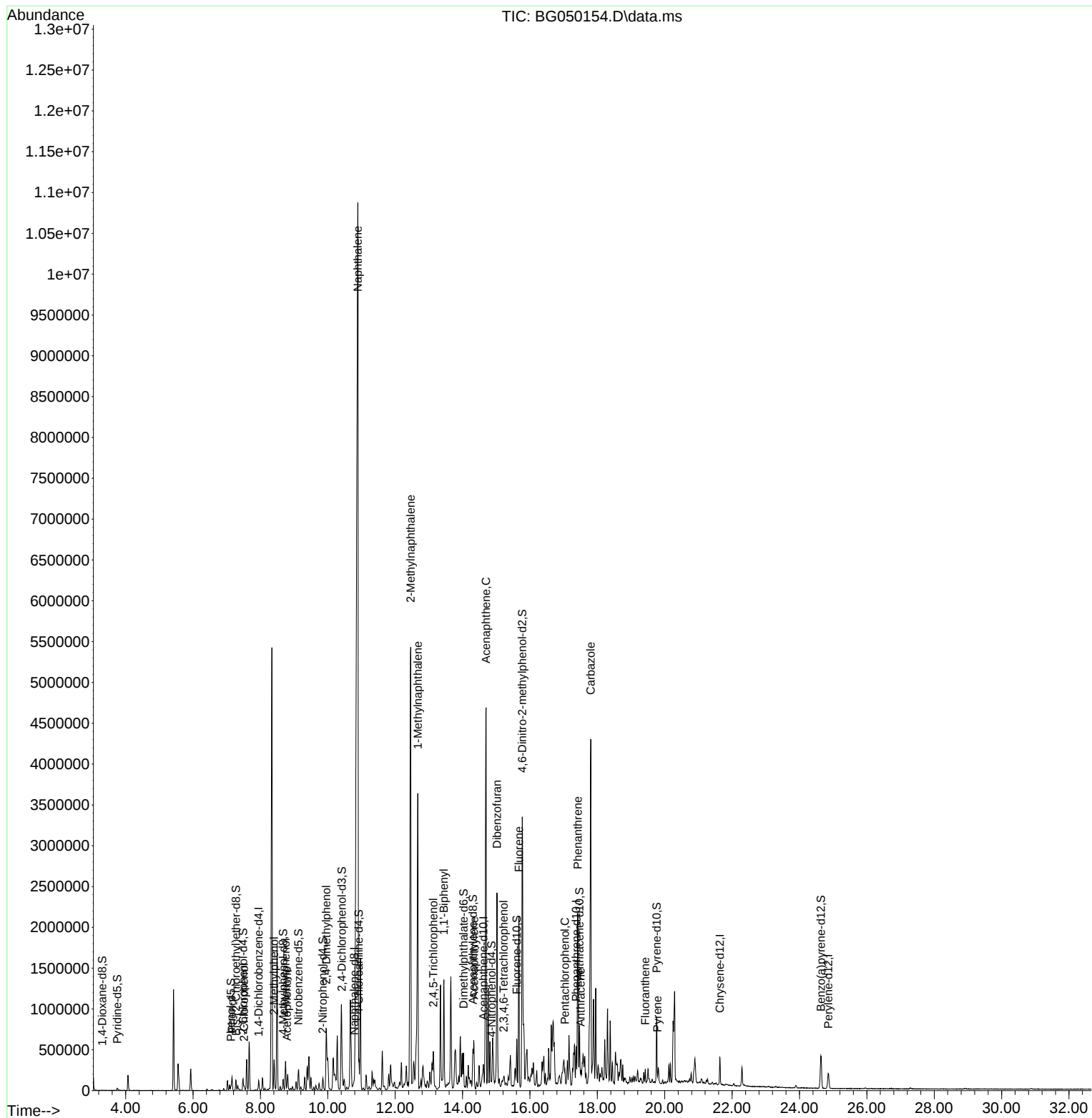
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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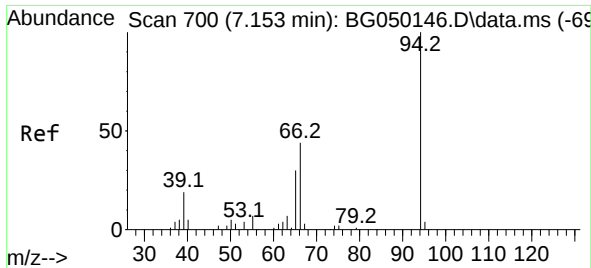
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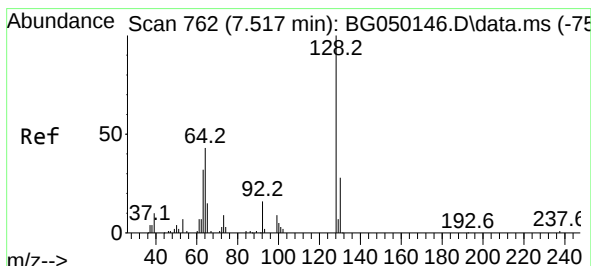
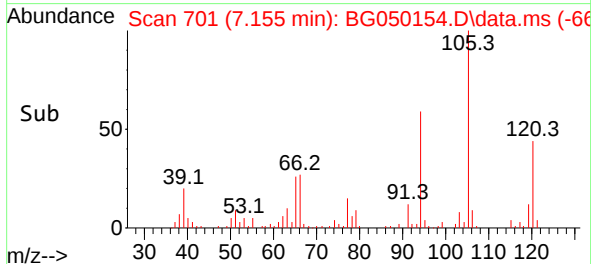
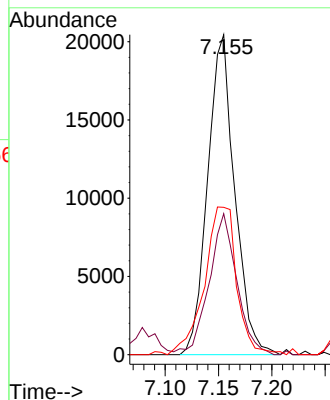
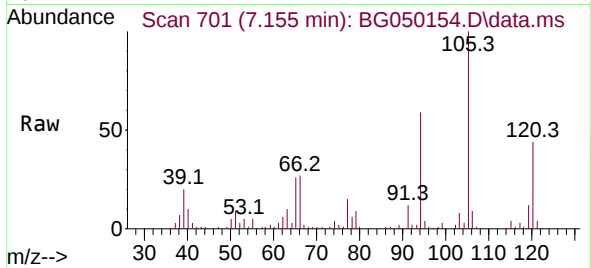
#8
Phenol
Concen: 12.884 ng/ul
RT: 7.155 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.1	27.7	41.5#
66	46.1	39.0	58.4

Instrument :
BNA_G
ClientSampled :
DBKJ8

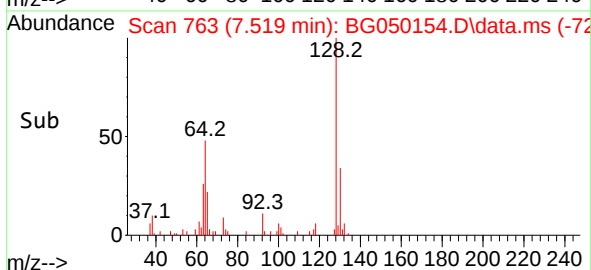
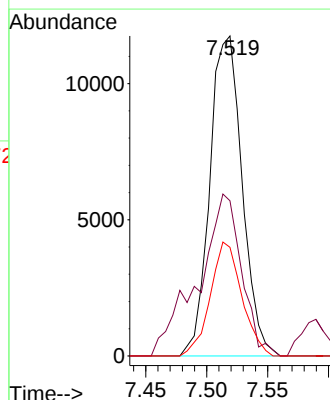
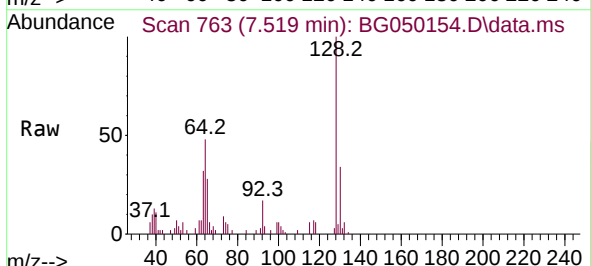
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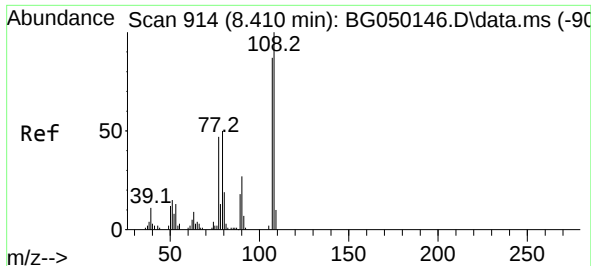
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#12
2-Chlorophenol
Concen: 10.585 ng/ul
RT: 7.519 min Scan# 763
Delta R.T. -0.001 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.5	28.0	42.0#
130	33.9	24.4	36.6





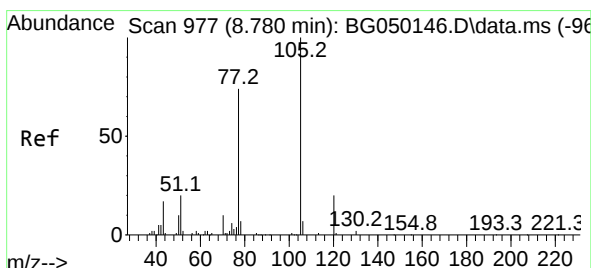
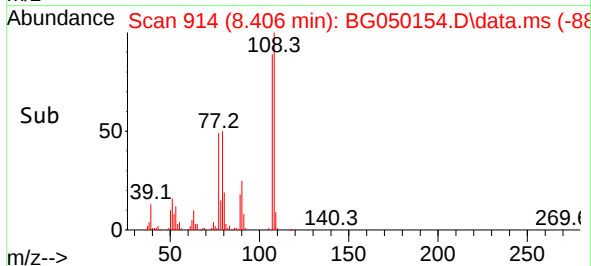
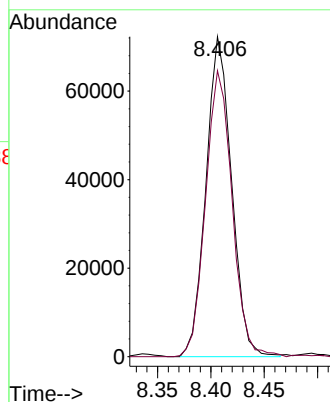
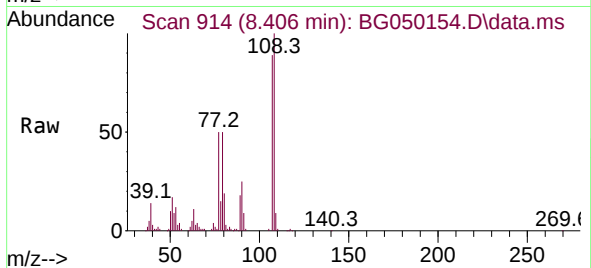
#13
2-Methylphenol
Concen: 56.063 ng/ul
RT: 8.406 min Scan# 914
Delta R.T. -0.007 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:108 Resp: 121081
Ion Ratio Lower Upper
108 100
107 89.4 71.0 106.4

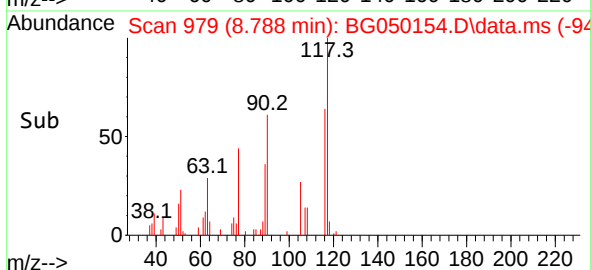
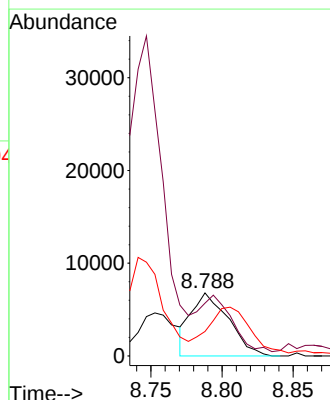
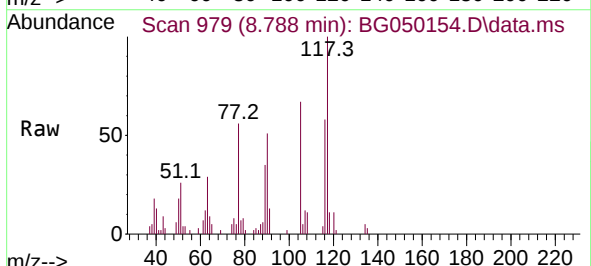
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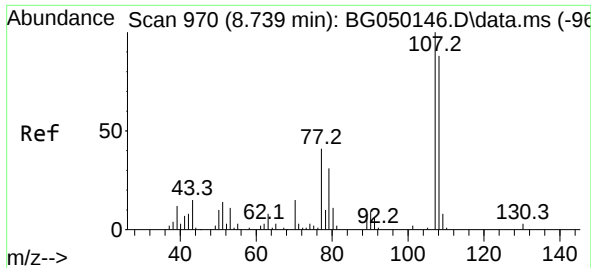
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#16
Acetophenone
Concen: 3.498 ng/ul
RT: 8.788 min Scan# 979
Delta R.T. -0.001 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Tgt Ion:105 Resp: 12451
Ion Ratio Lower Upper
105 100
77 84.0 67.7 101.5
51 38.9 25.3 37.9#





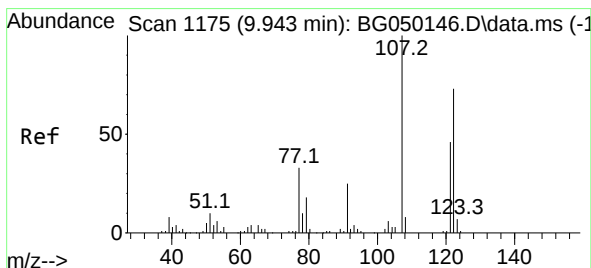
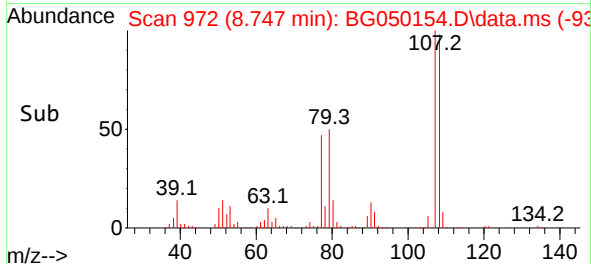
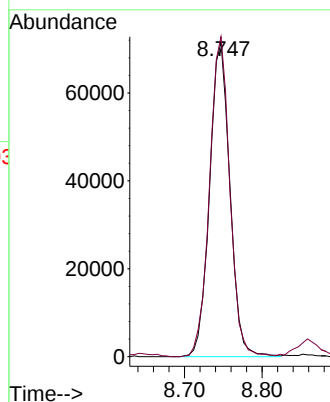
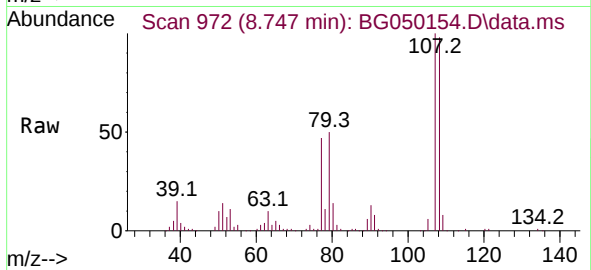
#18
4-Methylphenol
Concen: 55.901 ng/ul
RT: 8.747 min Scan# 972
Delta R.T. -0.001 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Instrument :
BNA_G
ClientSampleId :
DBKJ8

Tgt Ion:108 Resp: 129881
Ion Ratio Lower Upper
108 100
107 101.7 78.3 117.5

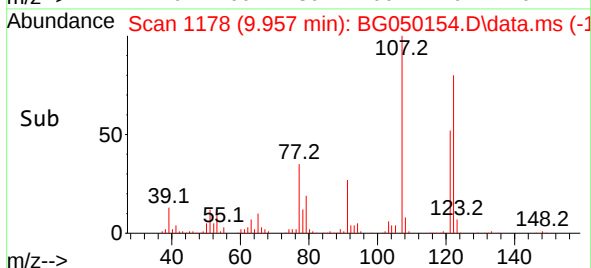
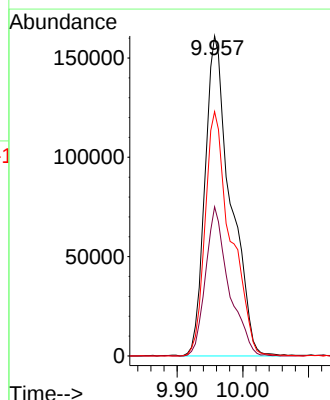
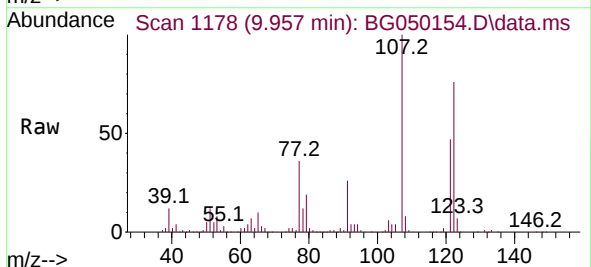
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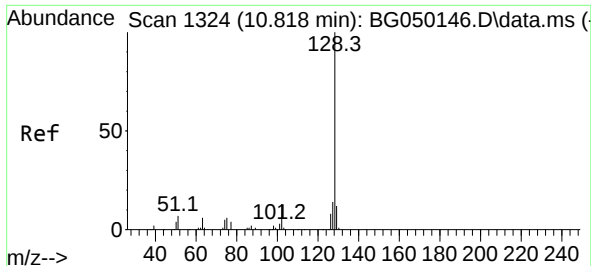
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#26
2,4-Dimethylphenol
Concen: 163.358 ng/ul
RT: 9.957 min Scan# 1178
Delta R.T. 0.005 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

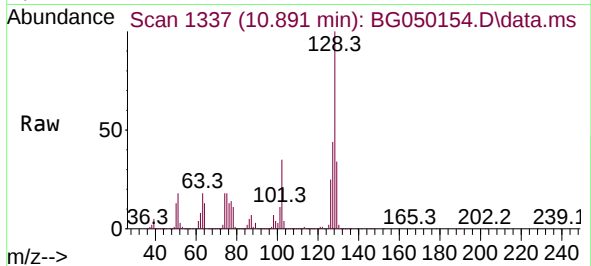
Tgt Ion:107 Resp: 437081
Ion Ratio Lower Upper
107 100
121 46.6 32.7 49.1
122 76.4 52.6 79.0





#30
Naphthalene
Concen: 1621.544 ng/ul
RT: 10.891 min Scan# 1337
Delta R.T. 0.064 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

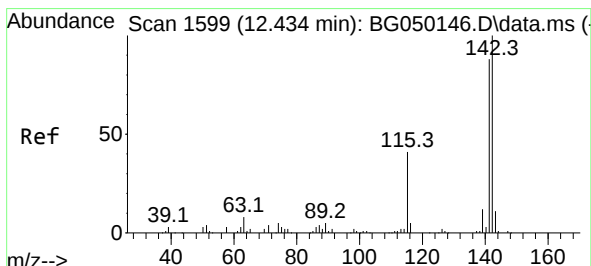
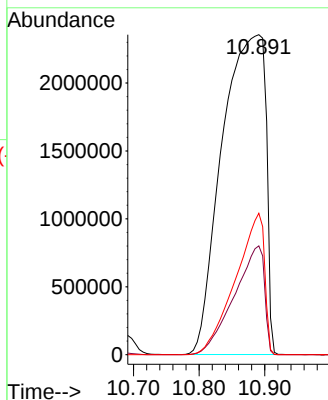
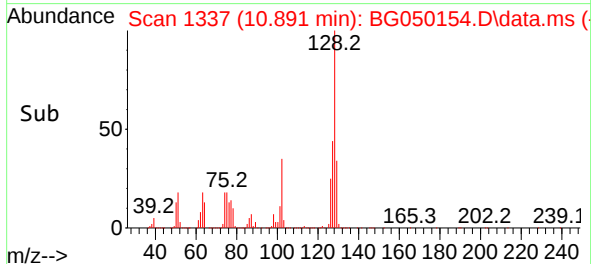
Instrument :
BNA_G
ClientSampleId :
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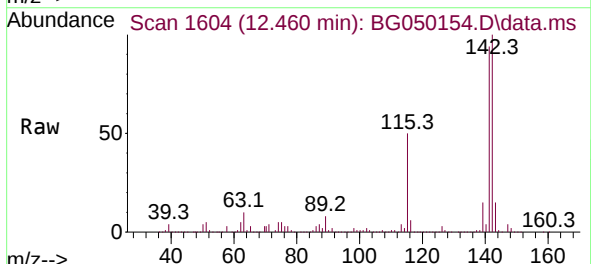
Tgt Ion:128 Resp:10871877
Ion Ratio Lower Upper
128 100
129 34.0 9.3 13.9#
127 44.2 9.8 14.6#

Manual Integrations
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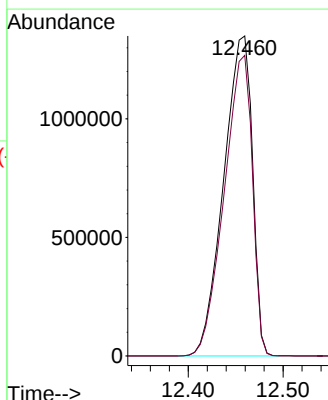
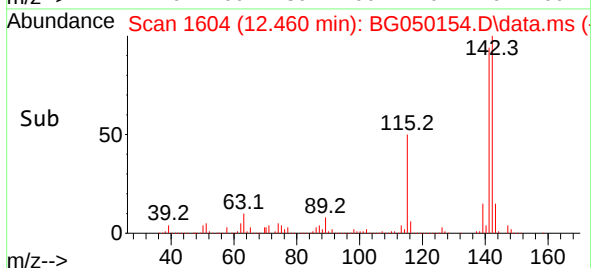
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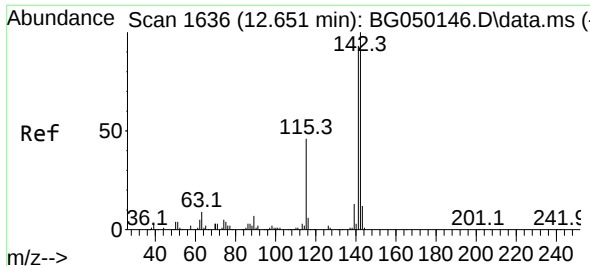


#36
2-Methylnaphthalene
Concen: 570.651 ng/ul
RT: 12.460 min Scan# 1604
Delta R.T. 0.017 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17



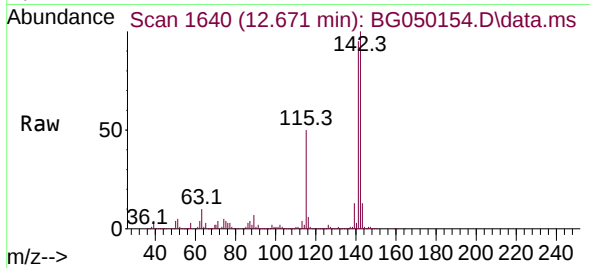
Tgt Ion:142 Resp: 2844076
Ion Ratio Lower Upper
142 100
141 94.0 70.5 105.7





#37
1-Methylnaphthalene
Concen: 338.985 ng/ul
RT: 12.671 min Scan# 1640
Delta R.T. 0.011 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

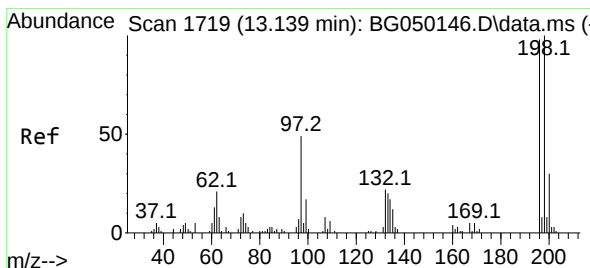
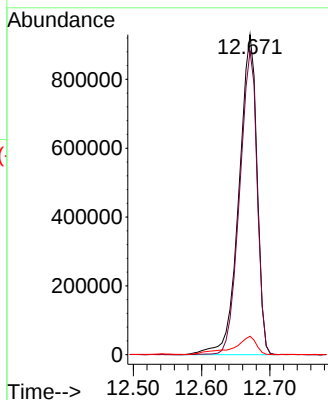
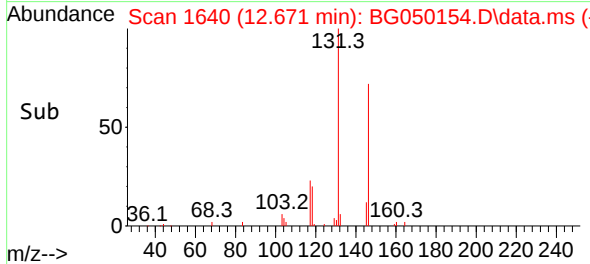
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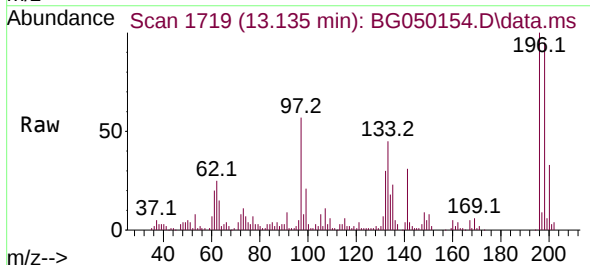
Tgt Ion:142 Resp: 1705337
Ion Ratio Lower Upper
142 100
141 94.9 75.8 113.8
116 5.8 3.7 5.5#

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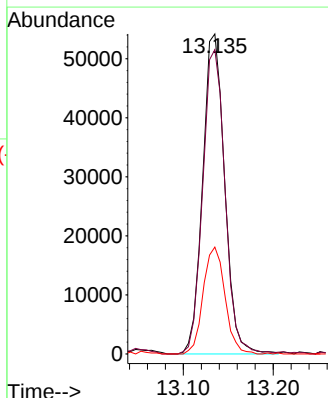
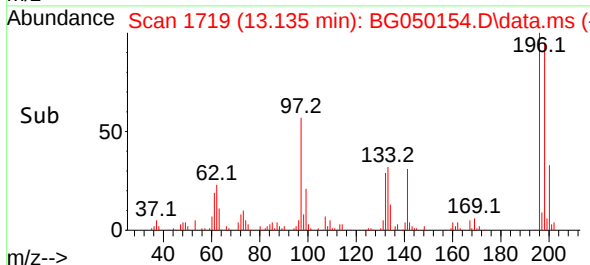
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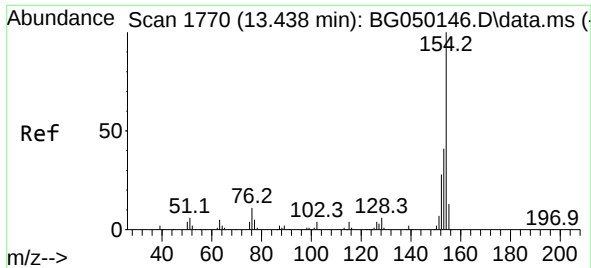


#42
2,4,5-Trichlorophenol
Concen: 52.916 ng/ul
RT: 13.135 min Scan# 1719
Delta R.T. -0.007 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17



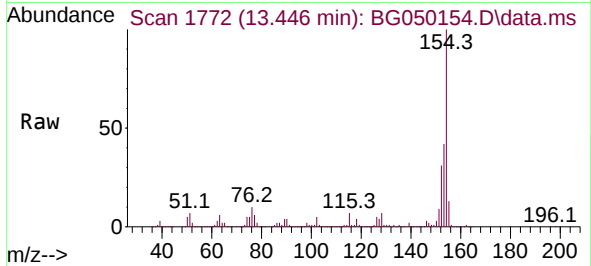
Tgt Ion:196 Resp: 92254
Ion Ratio Lower Upper
196 100
198 95.1 70.3 105.5
200 33.4 26.6 40.0





#43
1,1'-Biphenyl
Concen: 100.323 ng/ul
RT: 13.446 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

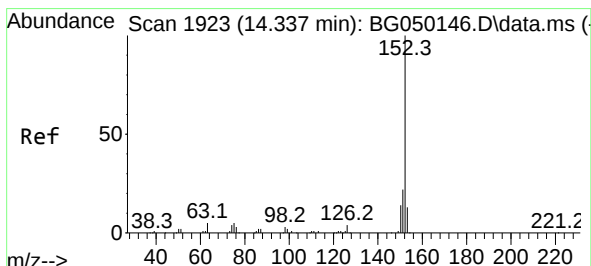
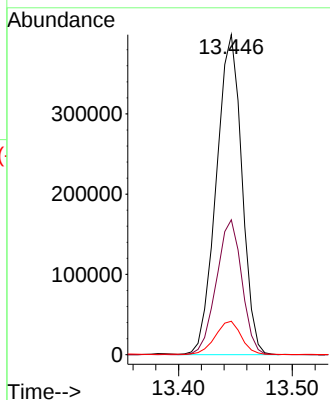
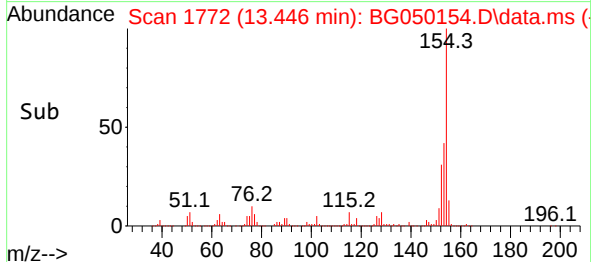
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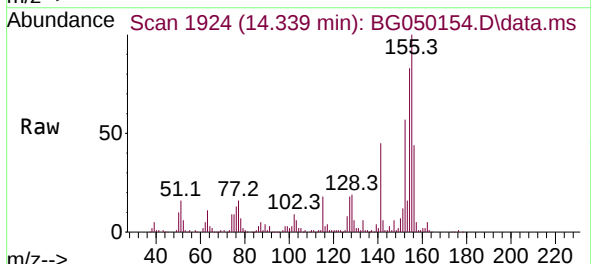
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Ion Ratio Lower Upper
154 100
153 42.2 32.5 48.7
76 10.5 7.8 11.8

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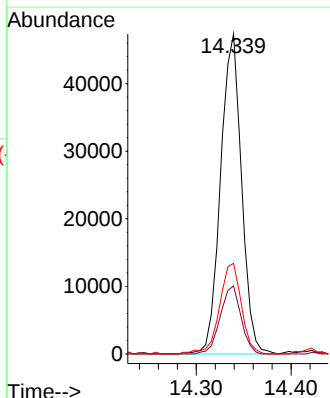
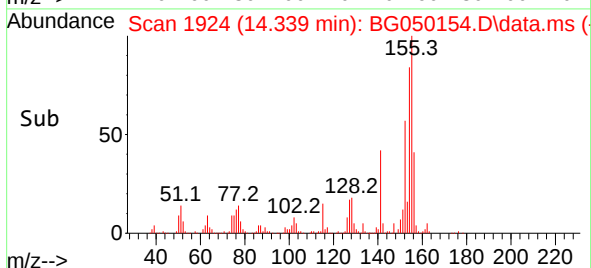
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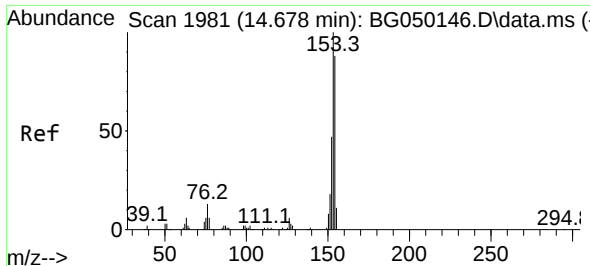


#50
Acenaphthylene
Concen: 9.969 ng/ul
RT: 14.339 min Scan# 1924
Delta R.T. -0.007 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17



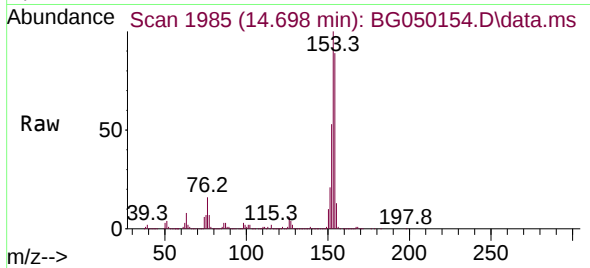
Tgt Ion:152 Resp: 72660
Ion Ratio Lower Upper
152 100
151 21.3 15.2 22.8
153 28.3 10.7 16.1#





#52
Acenaphthene
Concen: 406.765 ng/ul
RT: 14.698 min Scan# 1985
Delta R.T. 0.011 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

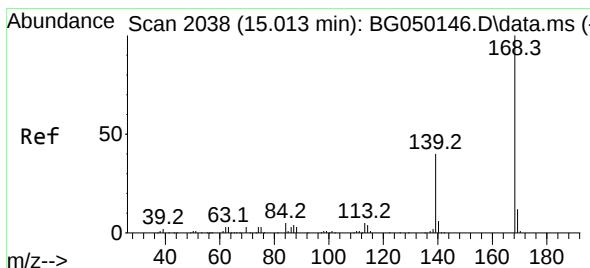
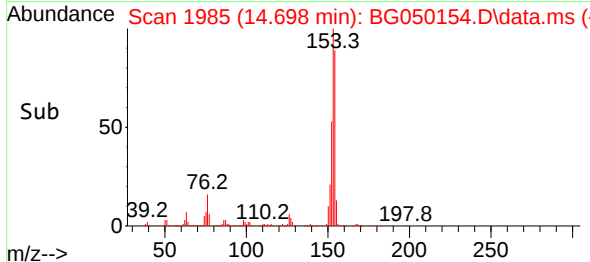
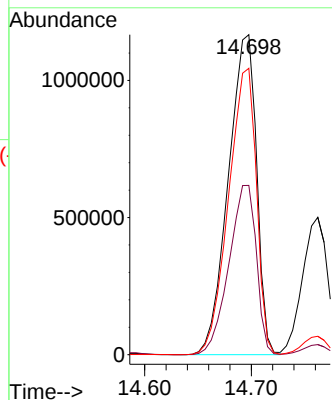
Instrument :
BNA_G
ClientSampled :
DBKJ8



Tgt Ion:153 Resp: 2150644
Ion Ratio Lower Upper
153 100
152 52.9 37.4 56.2
154 89.5 71.5 107.3

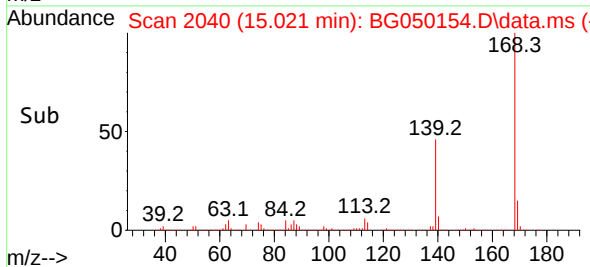
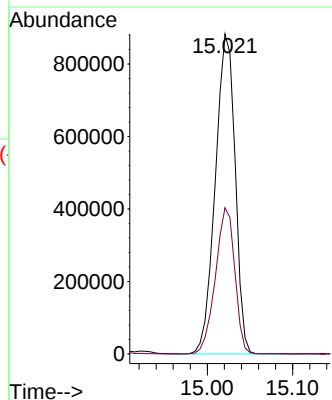
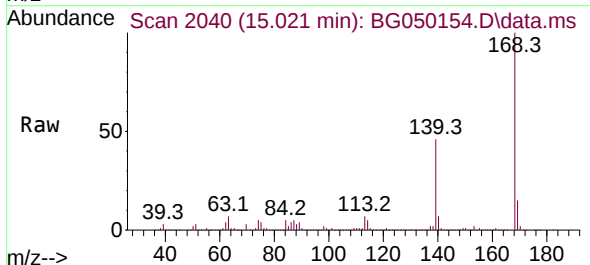
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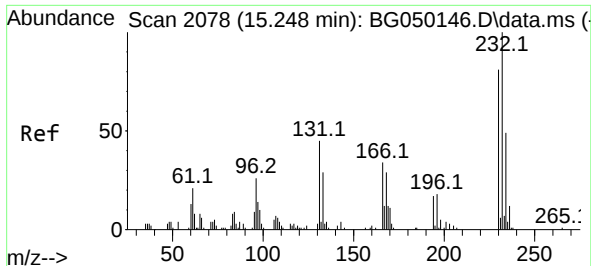
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#56
Dibenzofuran
Concen: 195.172 ng/ul
RT: 15.021 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

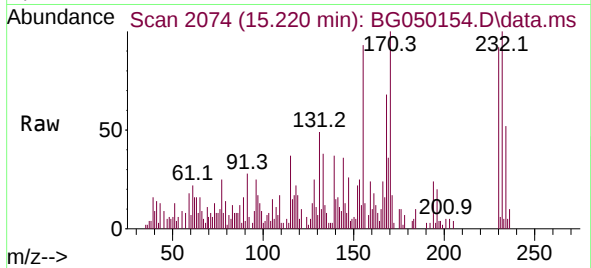
Tgt Ion:168 Resp: 1429023
Ion Ratio Lower Upper
168 100
139 45.7 33.8 50.8



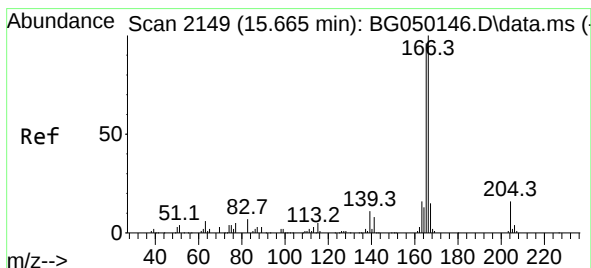
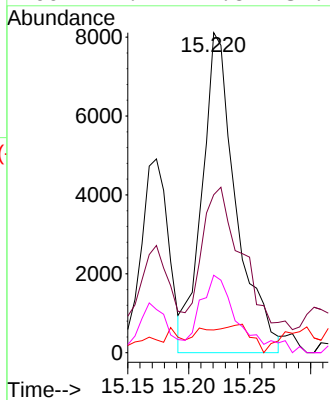
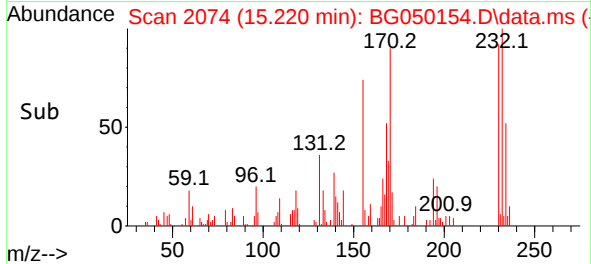


#58
2,3,4,6-Tetrachlorophenol
Concen: 10.908 ng/ul
RT: 15.220 min Scan# 2074
Delta R.T. -0.036 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

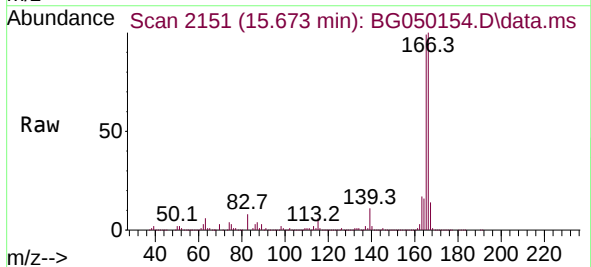
Instrument :
BNA_G
ClientSampled :
DBKJ8



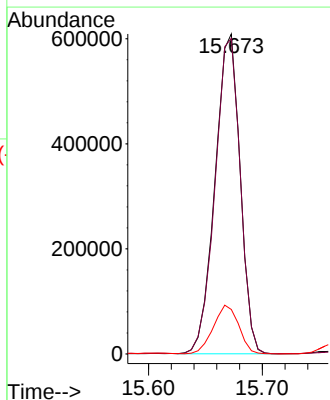
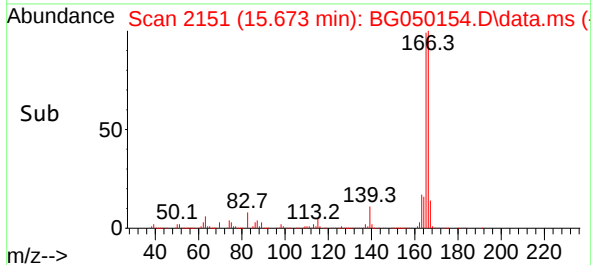
Tgt Ion:232 Resp: 15758
Ion Ratio Lower Upper
232 100
131 49.4 40.0 60.0
130 7.1 1.8 2.8#
166 24.2 24.8 37.2#

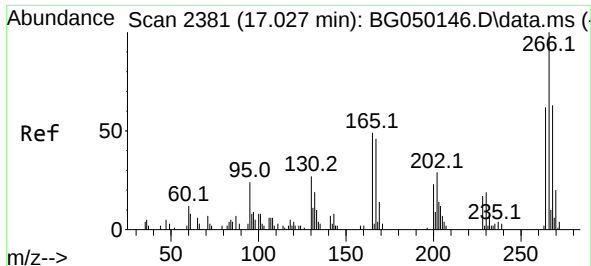


#61
Fluorene
Concen: 151.169 ng/ul
RT: 15.673 min Scan# 2151
Delta R.T. 0.005 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17



Tgt Ion:166 Resp: 933829
Ion Ratio Lower Upper
166 100
165 98.7 83.3 124.9
167 13.9 11.8 17.6





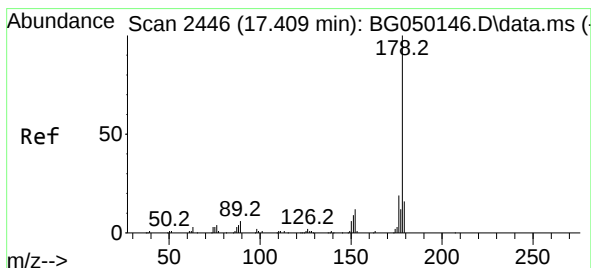
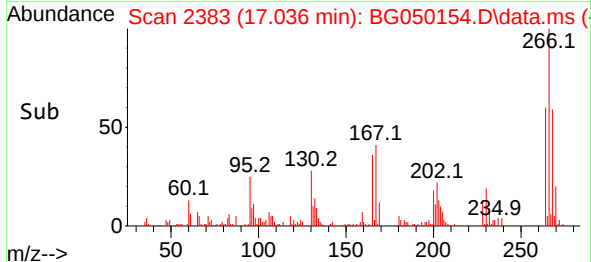
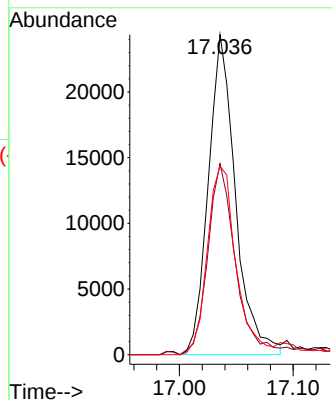
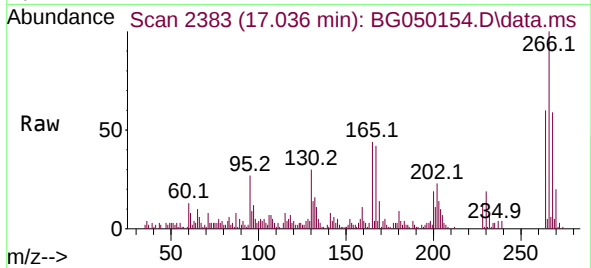
#71
 Pentachlorophenol
 Concen: 41.471 ng/ul
 RT: 17.036 min Scan# 2383
 Delta R.T. -0.001 min
 Lab File: BG050154.D
 Acq: 4 Sep 2021 7:17

Tgt Ion:	266	Resp:	40454
Ion Ratio	Lower	Upper	
266	100		
264	59.7	54.1	81.1
268	58.9	52.6	78.8

Instrument :
 BNA_G
 ClientSampled :
 DBKJ8

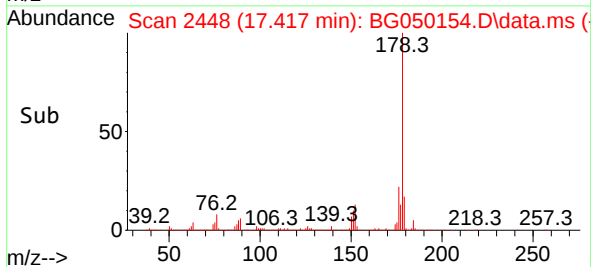
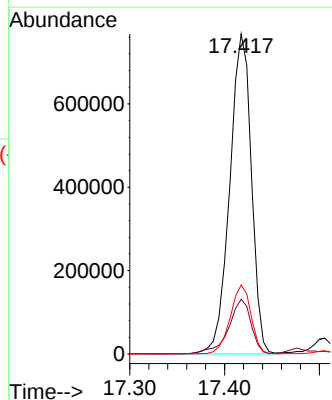
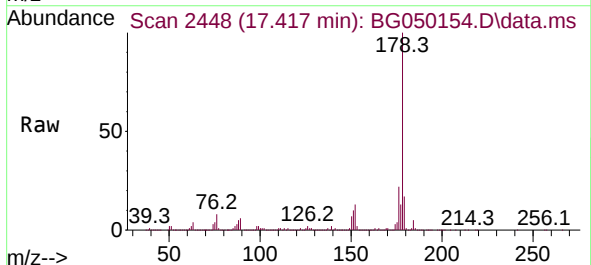
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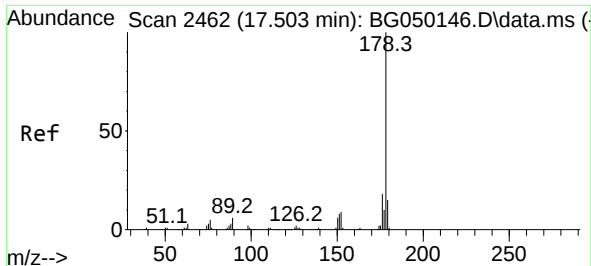
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#72
 Phenanthrene
 Concen: 135.299 ng/ul
 RT: 17.417 min Scan# 2448
 Delta R.T. -0.001 min
 Lab File: BG050154.D
 Acq: 4 Sep 2021 7:17

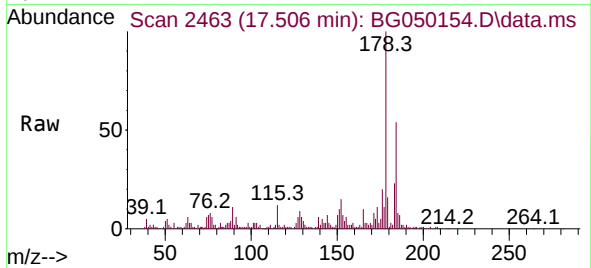
Tgt Ion:	178	Resp:	1216396
Ion Ratio	Lower	Upper	
178	100		
179	17.1	11.7	17.5
176	21.6	16.2	24.2





#74
 Anthracene
 Concen: 6.427 ng/ul
 RT: 17.506 min Scan# 2463
 Delta R.T. -0.001 min
 Lab File: BG050154.D
 Acq: 4 Sep 2021 7:17

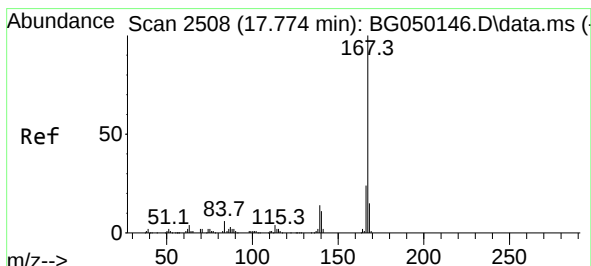
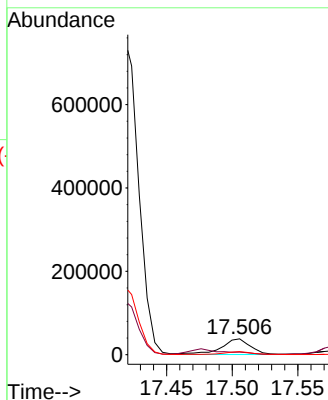
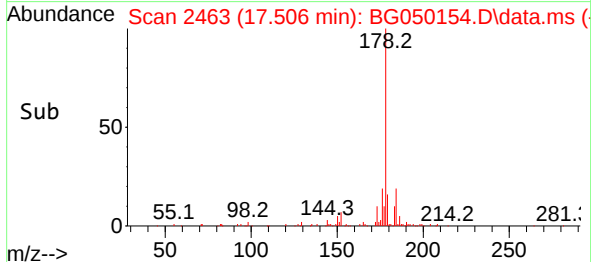
Instrument :
 BNA_G
 ClientSampled :
 DBKJ8



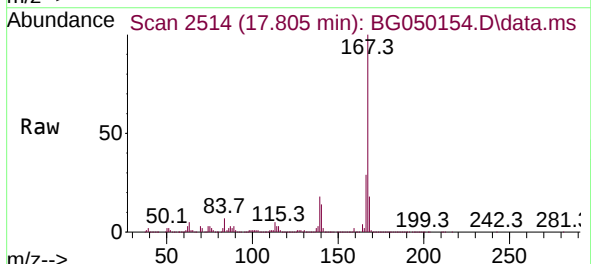
Tgt Ion:178 Resp: 58556
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.4 17.0
 176 19.8 12.8 19.2#

Manual Integrations
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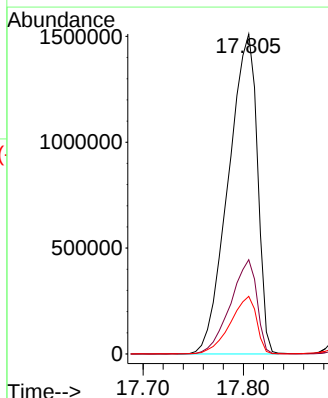
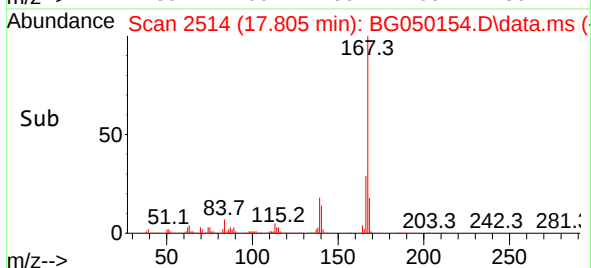
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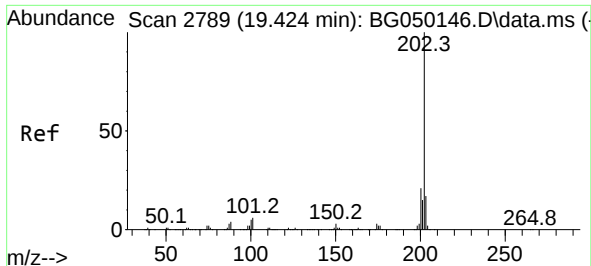


#77
 Carbazole
 Concen: 373.129 ng/ul
 RT: 17.805 min Scan# 2514
 Delta R.T. 0.023 min
 Lab File: BG050154.D
 Acq: 4 Sep 2021 7:17



Tgt Ion:167 Resp: 3024950
 Ion Ratio Lower Upper
 167 100
 166 29.4 17.8 26.8#
 139 18.0 11.1 16.7#





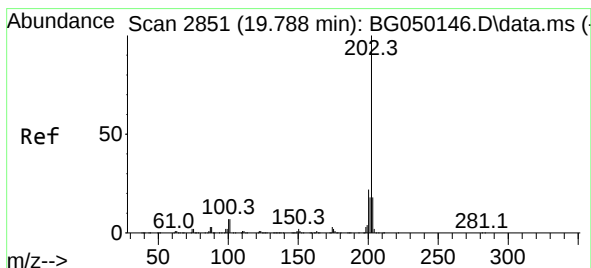
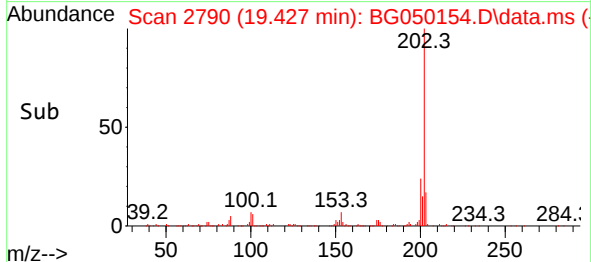
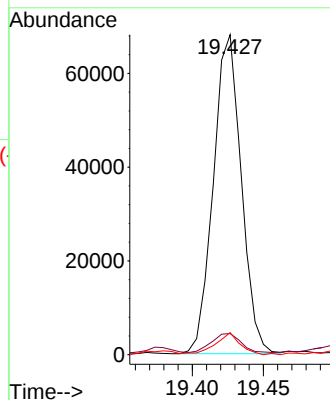
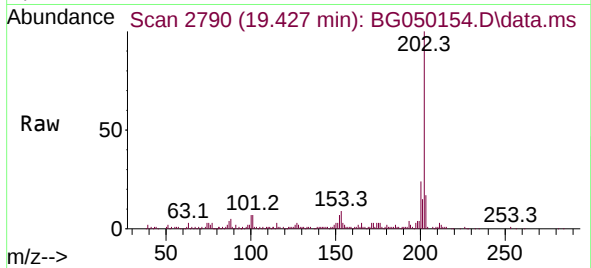
#80
Fluoranthene
Concen: 7.495 ng/ul
RT: 19.427 min Scan# 2790
Delta R.T. -0.007 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Tgt Ion:	202	Resp:	93058
Ion Ratio	Lower	Upper	
202	100		
101	6.6	4.3	6.5#
100	6.9	3.5	5.3#

Instrument :
BNA_G
ClientSampleId :
DBKJ8

Manual Integrations
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#82
Pyrene
Concen: 3.364 ng/ul
RT: 19.785 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BG050154.D
Acq: 4 Sep 2021 7:17

Tgt Ion:	202	Resp:	41387
Ion Ratio	Lower	Upper	
202	100		
101	6.0	5.4	8.0
100	5.6	5.0	7.6

