

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050226.D
 Acq On : 9 Sep 2021 10:32
 Operator : CG/JU
 Sample : M3608-21MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKL5MSD

Manual Integrations
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Quant Time: Sep 09 13:47:09 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	7.947	152	48629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	151392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.614	164	98956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	202579	20.000	ng/ul	0.00
79) Chrysene-d12	21.640	240	214063	20.000	ng/ul	0.00
88) Perylene-d12	24.853	264	233891	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	3322m	3.377	ng/uL	0.00
4) Pyridine-d5	3.741	84	63071	18.064	ng/ul	0.00
7) Phenol-d5	7.124	99	42841	11.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.271	67	76082	34.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.483	132	85844	27.395	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	60272	20.303	ng/ul	0.00
21) Nitrobenzene-d5	9.127	128	46724	44.964	ng/ul	0.00
24) 2-Nitrophenol-d4	9.850	143	49792	39.406	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.408	165	88702	36.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	98832	33.264	ng/ul	0.00
46) Dimethylphthalate-d6	14.027	166	297138	39.767	ng/ul	0.00
49) Acenaphthylene-d8	14.309	160	356634	40.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.849	143	15641m	17.349	ng/ul	0.00
60) Fluorene-d10	15.607	176	255997	41.262	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.760	200	118265	96.781	ng/ul	0.00
73) Anthracene-d10	17.475	188	383434	42.163	ng/ul	0.00
81) Pyrene-d10	19.760	212	464867	43.598	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.636	264	509015	41.111	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.347	88	9090	8.115	ng/uL	90
5) Pyridine	3.758	79	70335	19.165	ng/ul#	90
6) Benzaldehyde	7.083	77	99233	47.411	ng/ul#	80
8) Phenol	7.148	94	49361	13.276	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.365	93	95367	34.594	ng/ul	98
12) 2-Chlorophenol	7.512	128	86251	28.247	ng/ul#	79
13) 2-Methylphenol	8.405	108	81046	27.082	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	91829	33.007	ng/ul#	85
16) Acetophenone	8.781	105	172402	39.471	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.763	70	85489	36.704	ng/ul#	94
18) 4-Methylphenol	8.740	108	79667	28.028	ng/ul	83
19) Hexachloroethane	9.033	117	52169	40.960	ng/ul	95
22) Nitrobenzene	9.168	77	119053	43.992	ng/ul	99
23) Isophorone	9.697	82	222418	43.040	ng/ul	96
25) 2-Nitrophenol	9.885	139	51846	41.592	ng/ul	86
26) 2,4-Dimethylphenol	9.950	107	126601	42.680	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.179	93	112637	35.932	ng/ul#	91
29) 2,4-Dichlorophenol	10.437	162	89551	40.598	ng/ul	100
30) Naphthalene	10.866	128	7760952	1116.197	ng/ul#	57
32) 4-Chloroaniline	10.937	127	95273	34.041	ng/ul	88
33) Hexachlorobutadiene	11.101	225	69970	40.019	ng/ul	92
34) Caprolactam	11.953	113	7590	11.310	ng/ul	88
35) 4-Chloro-3-methylphenol	12.070	107	101953	41.010	ng/ul	99
36) 2-Methylnaphthalene	12.435	142	383315	74.550	ng/ul	96

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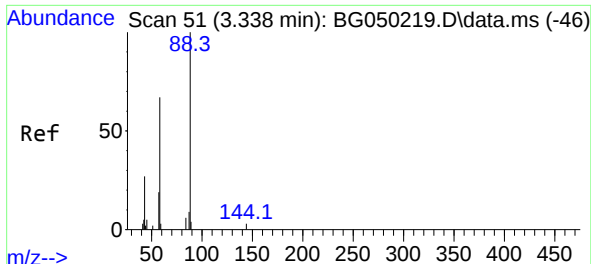
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.658	142	1337850	270.978	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.805	216	126638	37.837	ng/ul#	95
40) Hexachlorocyclopentadiene	12.775	237	4863	5.359	ng/ul#	74
41) 2,4,6-Trichlorophenol	13.051	196	78996	41.804	ng/ul	94
42) 2,4,5-Trichlorophenol	13.134	196	114092	57.735	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	649837	90.964	ng/ul	96
44) 2-Chloronaphthalene	13.486	162	221868	39.492	ng/ul	99
45) 2-Nitroaniline	13.704	65	74159	41.696	ng/ul	92
47) Dimethylphthalate	14.074	163	295718	41.465	ng/ul	100
48) 2,6-Dinitrotoluene	14.197	165	63270	41.666	ng/ul#	90
50) Acenaphthylene	14.338	152	389977	46.900	ng/ul	97
51) 3-Nitroaniline	14.538	138	59631	43.135	ng/ul	95
52) Acenaphthene	14.685	153	1497568	252.762	ng/ul	98
53) 2,4-Dinitrophenol	14.761	184	30005	48.247	ng/ul#	1
55) 4-Nitrophenol	14.873	109	17178	17.121	ng/ul#	73
56) Dibenzofuran	15.019	168	1222068	149.921	ng/ul	96
57) 2,4-Dinitrotoluene	14.996	165	94432	43.519	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.254	232	328694	219.605	ng/ul#	97
59) Diethylphthalate	15.431	149	305804	42.424	ng/ul	95
61) Fluorene	15.671	166	881956	129.051	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.648	204	147745	40.602	ng/ul	99
63) 4-Nitroaniline	15.707	138	70313m	54.611	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.765	198	246028	226.695	ng/ul#	64
67) N-Nitrosodiphenylamine	15.871	169	245581	44.833	ng/ul	98
68) 4-Bromophenyl-phenylether	16.547	248	107911	44.951	ng/ul#	87
69) Hexachlorobenzene	16.676	284	118193	43.425	ng/ul	97
70) Atrazine	16.846	200	94896	41.317	ng/ul	99
71) Pentachlorophenol	17.052	266	1756799	2356.376	ng/ul	97
72) Phenanthrene	17.416	178	1149123	111.220	ng/ul	97
74) Anthracene	17.504	178	503543	48.064	ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.410	216	164367	52.356	ng/uL	93
76) Pentachlorobenzene	14.937	250	136084	41.982	ng/uL	95
77) Carbazole	17.798	167	2801442	303.309	ng/ul#	87
78) Di-n-butylphthalate	18.321	149	667291	59.741	ng/ul	100
80) Fluoranthene	19.425	202	586520	44.258	ng/ul#	97
82) Pyrene	19.789	202	561465	43.196	ng/ul	99
83) Butylbenzylphthalate	20.659	149	230491	46.366	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.528	252	141977	30.749	ng/ul	96
85) Benzo(a)anthracene	21.616	228	573194	43.738	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.505	149	335159	45.145	ng/ul	99
87) Chrysene	21.687	228	545431	44.647	ng/ul	96
89) Di-n-octyl phthalate	22.703	149	562116	41.526	ng/ul	100
90) Benzo(b)fluoranthene	23.831	252	620284	42.377	ng/ul#	97
91) Benzo(k)fluoranthene	23.901	252	600867	43.004	ng/ul	98
93) Benzo(a)pyrene	24.700	252	547008	42.746	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.548	276	717369	42.783	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.595	278	606266	43.586	ng/ul#	99
96) Benzo(g,h,i)perylene	29.694	276	578273	43.044	ng/ul	98

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



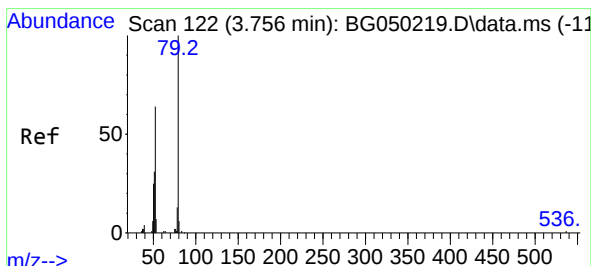
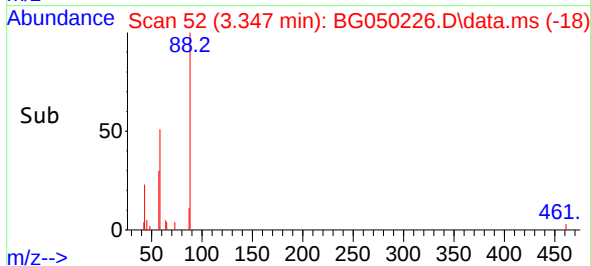
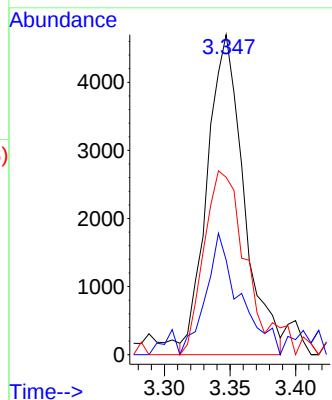
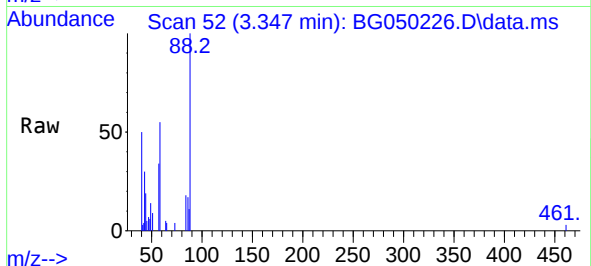
#2
1,4-Dioxane
Concen: 8.115 ng/uL
RT: 3.347 min Scan# 52
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:	88	Resp:	9090
Ion Ratio	Lower	Upper	
88	100		
43	29.6	21.6	32.4
58	55.5	52.0	78.0

Instrument :
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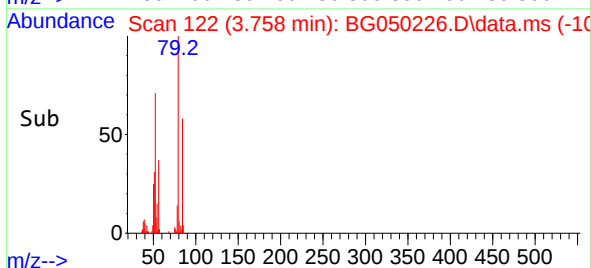
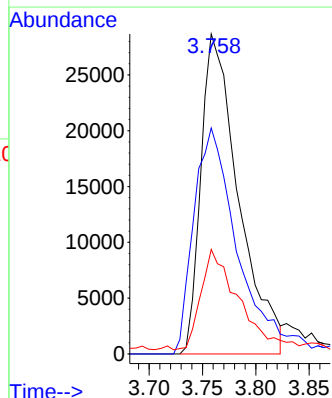
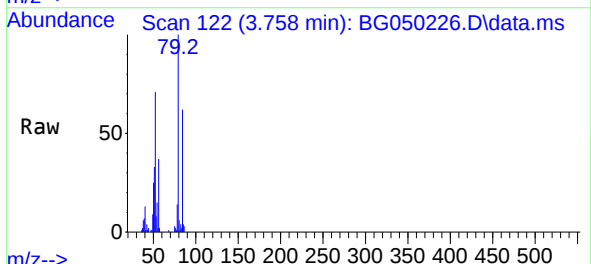
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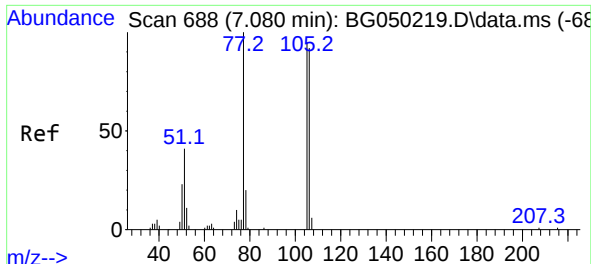
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#5
Pyridine
Concen: 19.165 ng/uL
RT: 3.758 min Scan# 122
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:	79	Resp:	70335
Ion Ratio	Lower	Upper	
79	100		
52	70.6	61.1	91.7
51	32.7	34.8	52.2





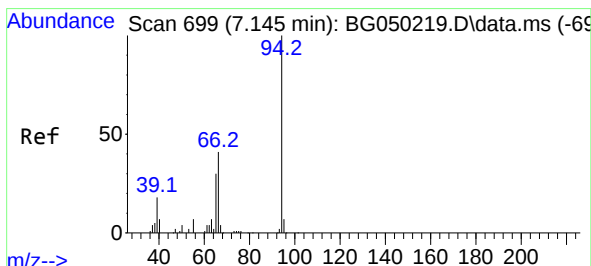
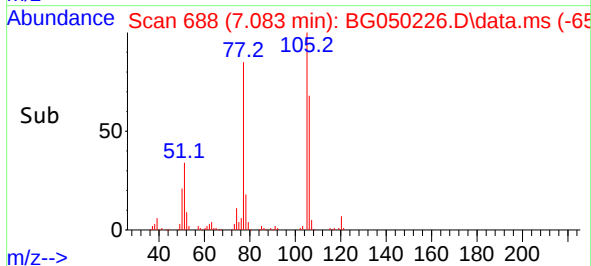
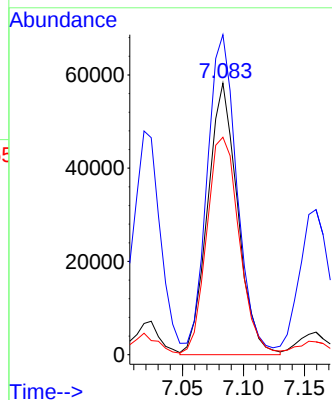
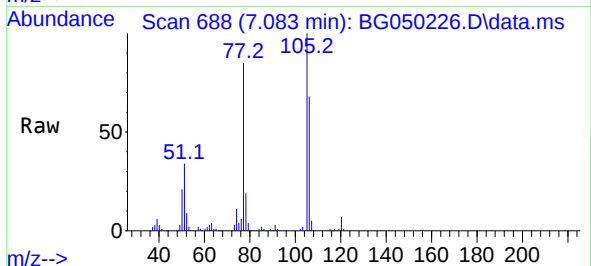
#6
Benzaldehyde
Concen: 47.411 ng/ul
RT: 7.083 min Scan# 688
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Tgt Ion: 77 Resp: 99233
Ion Ratio Lower Upper
77 100
105 117.9 72.3 108.5#
106 80.1 72.3 108.5

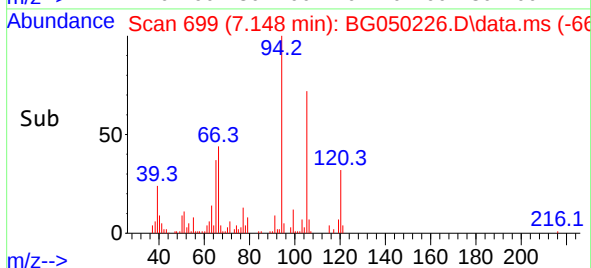
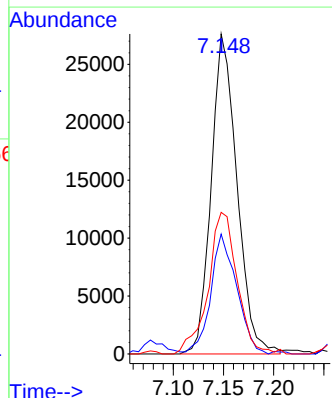
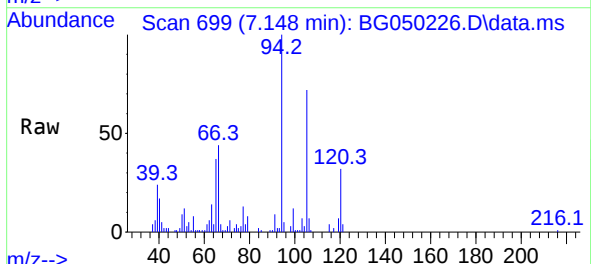
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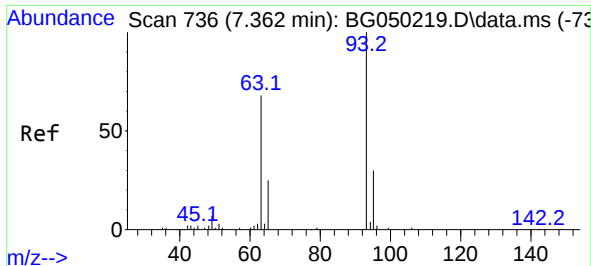
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#8
Phenol
Concen: 13.276 ng/ul
RT: 7.148 min Scan# 699
Delta R.T. -0.010 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

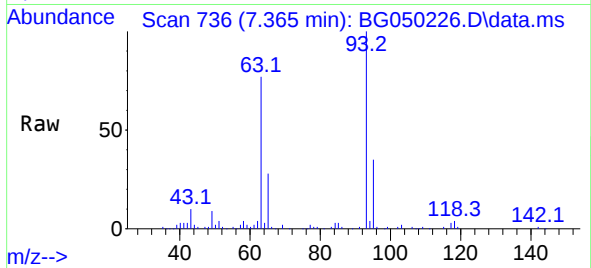
Tgt Ion: 94 Resp: 49361
Ion Ratio Lower Upper
94 100
65 37.5 27.7 41.5
66 44.3 39.0 58.4





#10
Bis(2-Chloroethyl)ether
Concen: 34.594 ng/ul
RT: 7.365 min Scan# 736
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

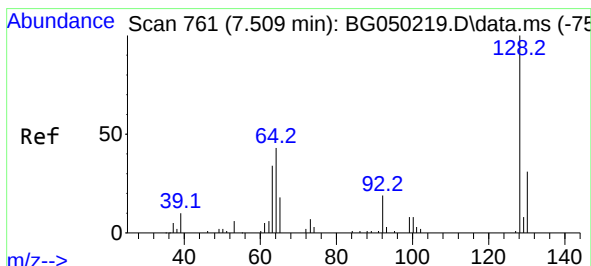
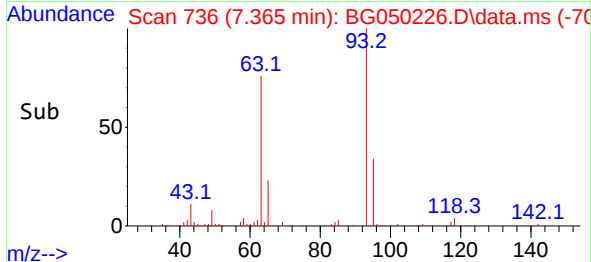
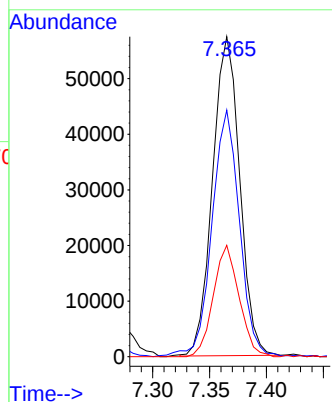
Instrument :
BNA_G
ClientSampleId :
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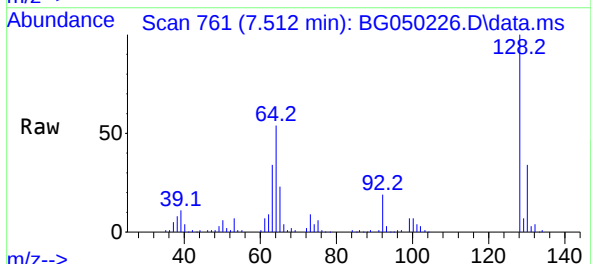
Tgt Ion:	93	Resp:	95367
Ion	Ratio	Lower	Upper
93	100		
63	77.1	59.9	89.9
95	34.8	27.6	41.4

Manual Integrations
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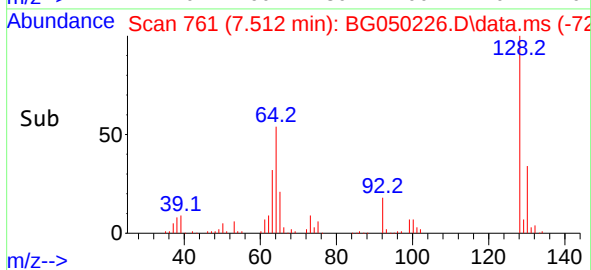
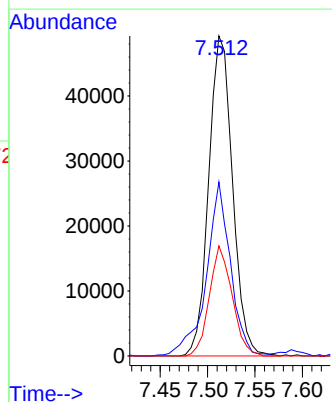
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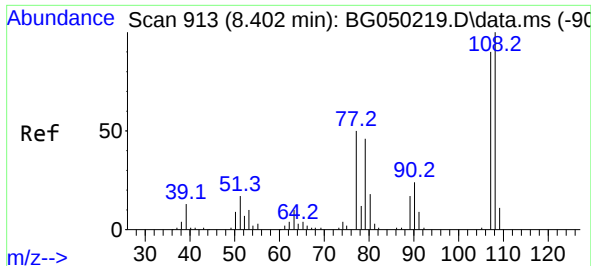


#12
2-Chlorophenol
Concen: 28.247 ng/ul
RT: 7.512 min Scan# 761
Delta R.T. -0.010 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



Tgt Ion:	128	Resp:	86251
Ion	Ratio	Lower	Upper
128	100		
64	54.3	28.0	42.0#
130	34.4	24.4	36.6





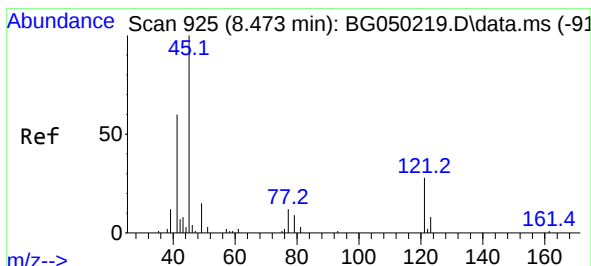
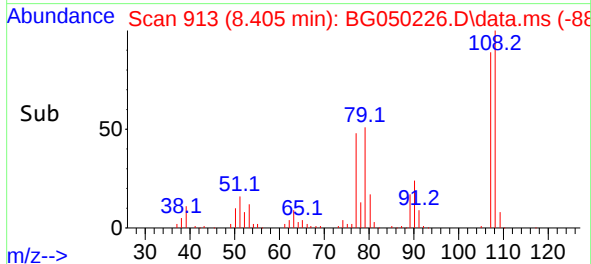
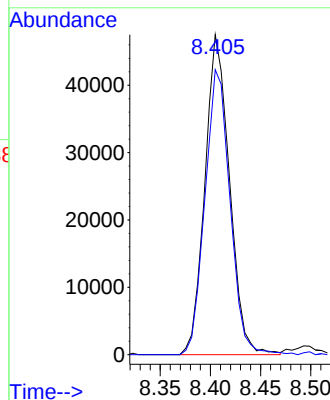
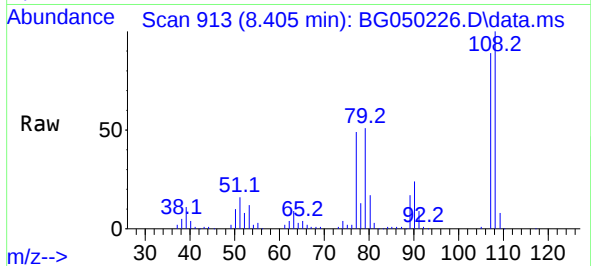
#13
2-Methylphenol
Concen: 27.082 ng/ul
RT: 8.405 min Scan# 913
Delta R.T. -0.010 min
Lab File: BG050226.D
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Tgt Ion: 108 Resp: 81046
Ion Ratio Lower Upper
108 100
107 89.1 71.0 106.4

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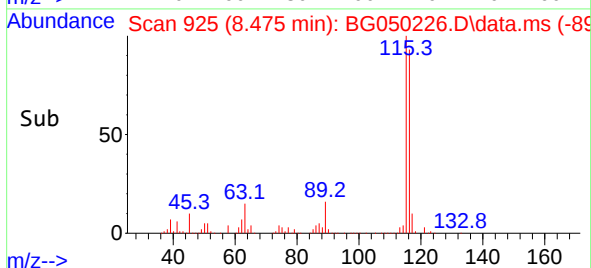
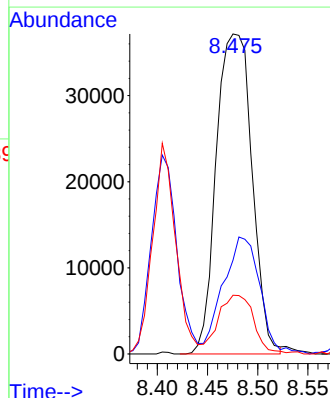
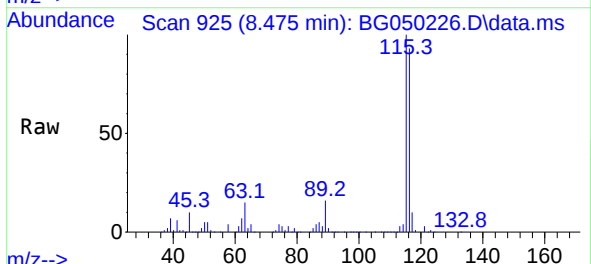
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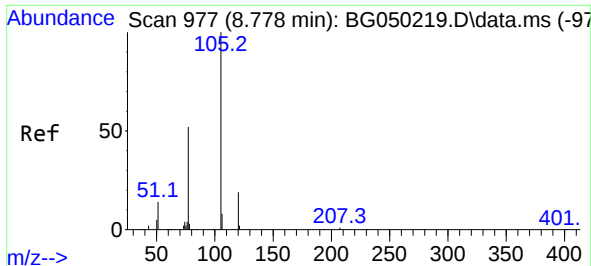
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.007 ng/ul
RT: 8.475 min Scan# 925
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion: 45 Resp: 91829
Ion Ratio Lower Upper
45 100
77 29.3 16.9 25.3#
79 18.4 11.0 16.4#





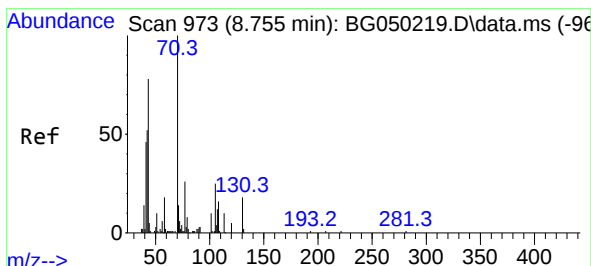
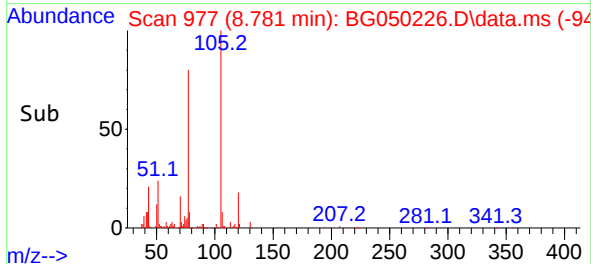
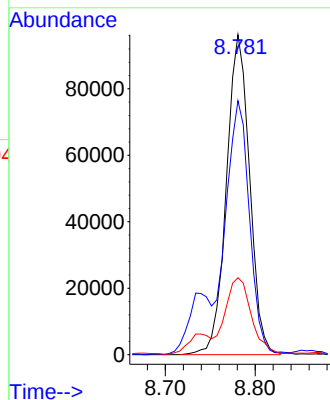
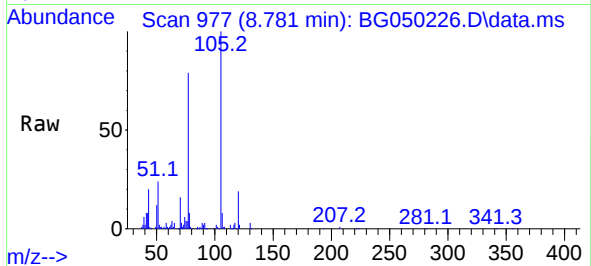
#16
Acetophenone
Concen: 39.471 ng/ul
RT: 8.781 min Scan# 977
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Tgt Ion:105 Resp: 172402
Ion Ratio Lower Upper
105 100
77 79.4 67.7 101.5
51 24.0 25.3 37.9#

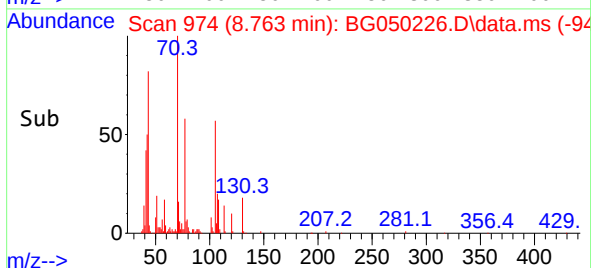
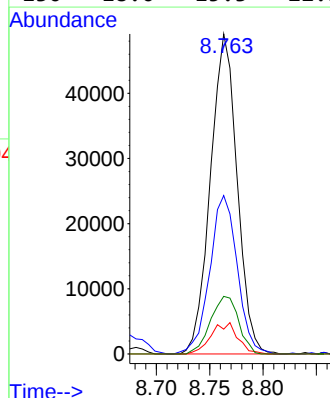
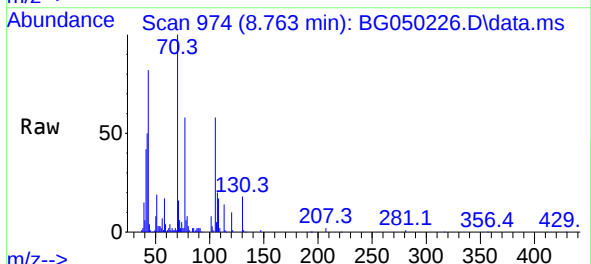
Manual Integrations
APPROVED

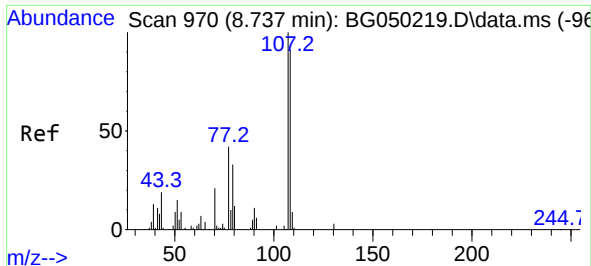
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#17
N-Nitroso-di-n-propylamine
Concen: 36.704 ng/ul
RT: 8.763 min Scan# 974
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion: 70 Resp: 85489
Ion Ratio Lower Upper
70 100
42 49.5 44.2 66.4
101 7.8 7.8 11.8#
130 18.0 15.3 22.9





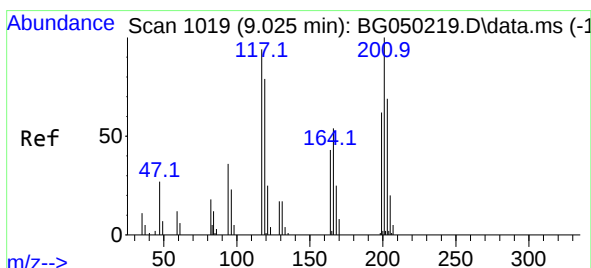
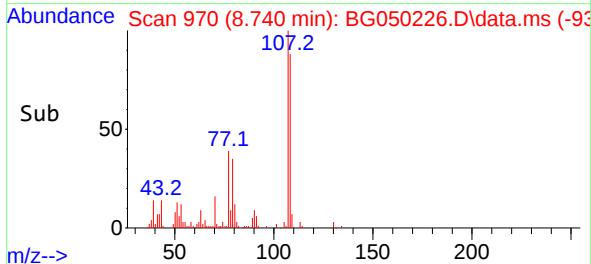
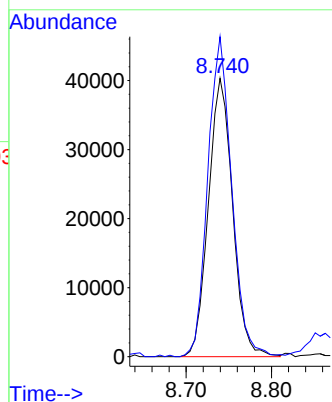
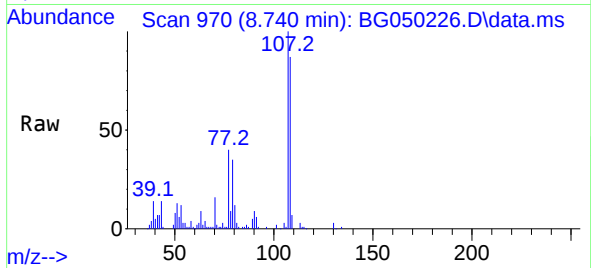
#18
4-Methylphenol
Concen: 28.028 ng/ul
RT: 8.740 min Scan# 970
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Tgt Ion:108 Resp: 79667
Ion Ratio Lower Upper
108 100
107 114.9 78.3 117.5

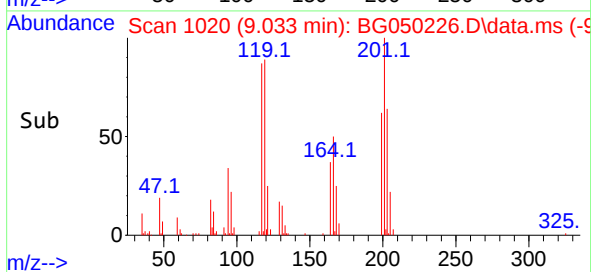
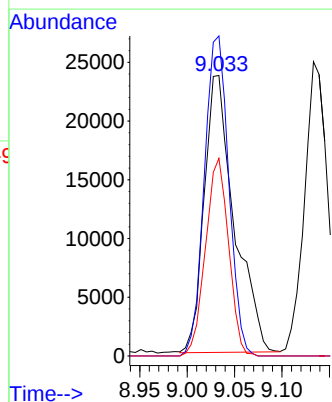
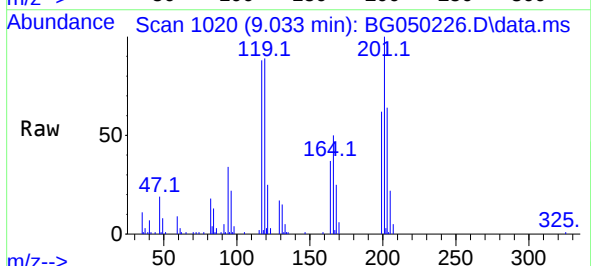
Manual Integrations
APPROVED

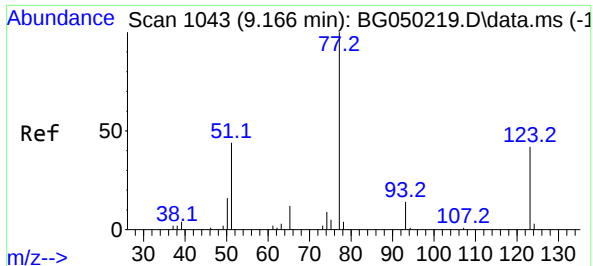
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#19
Hexachloroethane
Concen: 40.960 ng/ul
RT: 9.033 min Scan# 1020
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:117 Resp: 52169
Ion Ratio Lower Upper
117 100
201 114.1 89.3 133.9
199 70.5 50.5 75.7





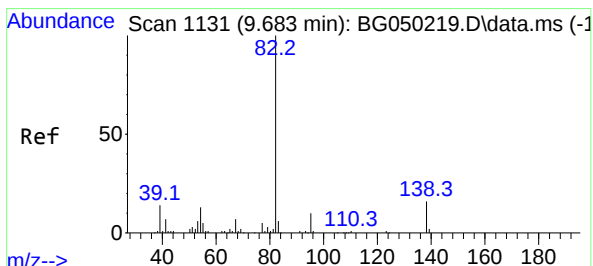
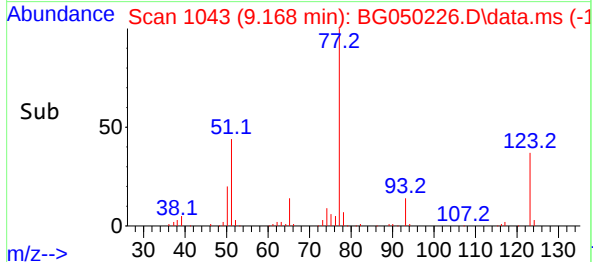
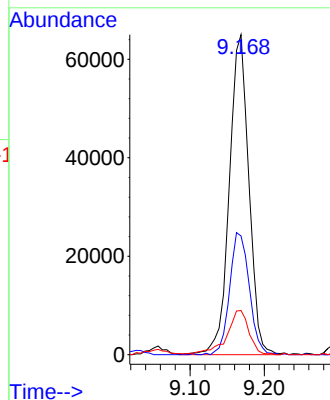
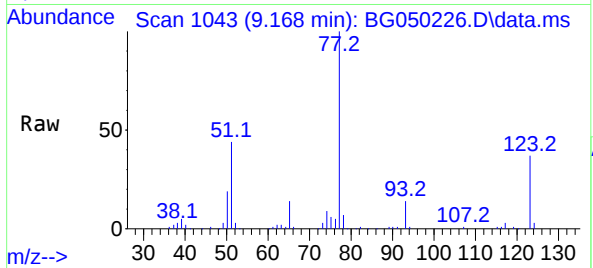
#22
Nitrobenzene
Concen: 43.992 ng/ul
RT: 9.168 min Scan# 1043
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion: 77 Resp: 119053
Ion Ratio Lower Upper
77 100
123 37.1 30.4 45.6
65 13.8 11.3 16.9

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

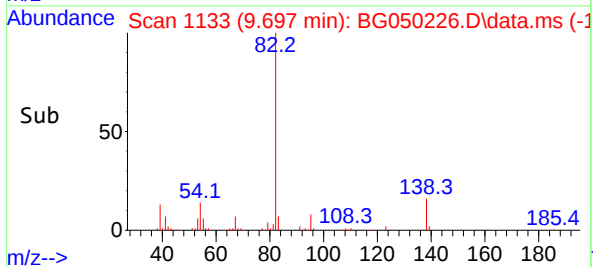
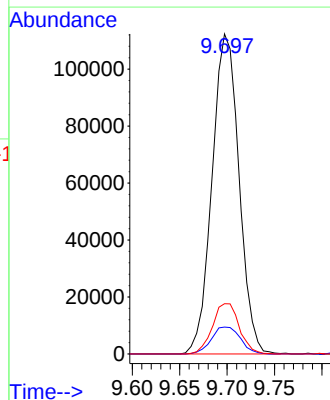
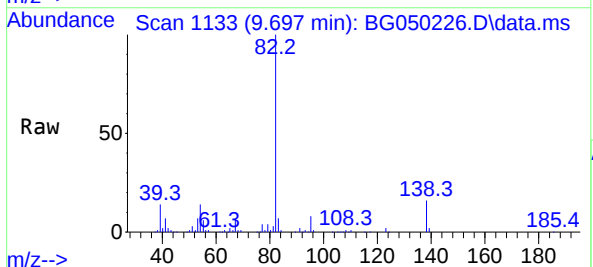
Manual Integrations
APPROVED

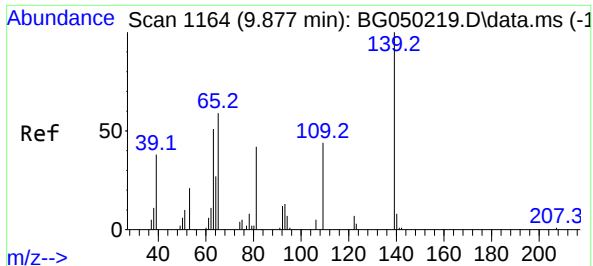
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#23
Isophorone
Concen: 43.040 ng/ul
RT: 9.697 min Scan# 1133
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion: 82 Resp: 222418
Ion Ratio Lower Upper
82 100
95 8.4 7.8 11.8
138 15.7 11.4 17.0





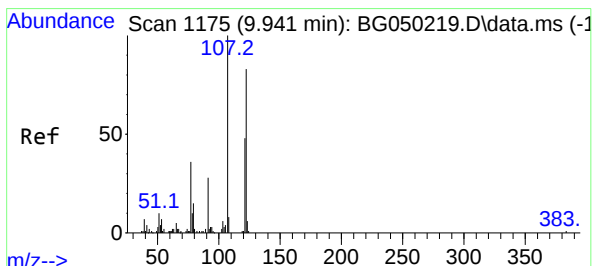
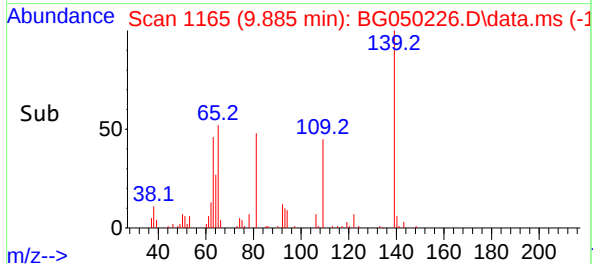
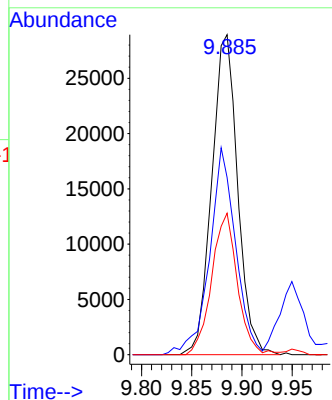
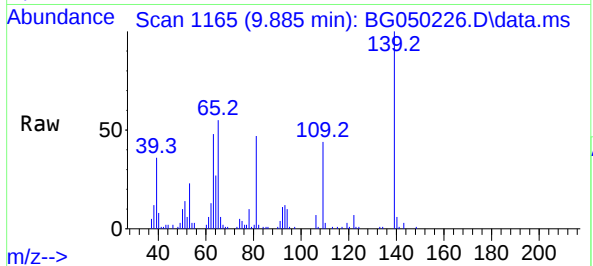
#25
2-Nitrophenol
Concen: 41.592 ng/ul
RT: 9.885 min Scan# 1165
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampled :
DBKL5MSD

Tgt Ion:	139	Resp:	51846
Ion	Ratio	Lower	Upper
139	100		
65	55.4	53.1	79.7
109	44.2	44.1	66.1

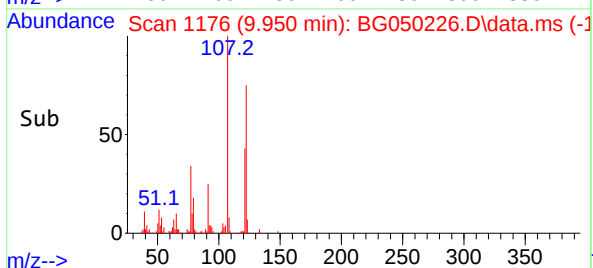
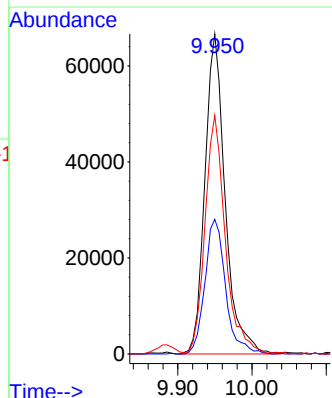
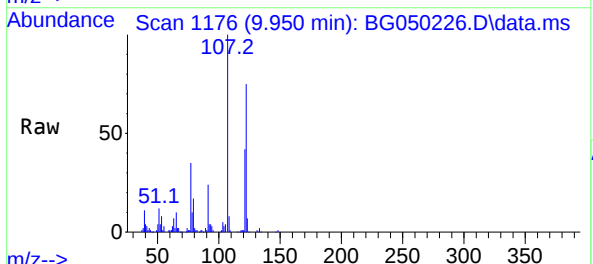
Manual Integrations
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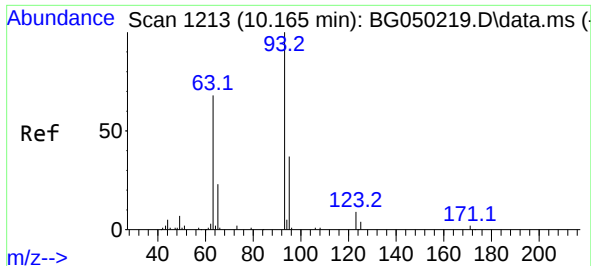
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#26
2,4-Dimethylphenol
Concen: 42.680 ng/ul
RT: 9.950 min Scan# 1176
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:	107	Resp:	126601
Ion	Ratio	Lower	Upper
107	100		
121	42.1	32.7	49.1
122	74.6	52.6	79.0





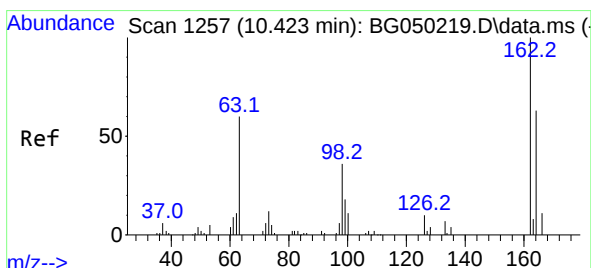
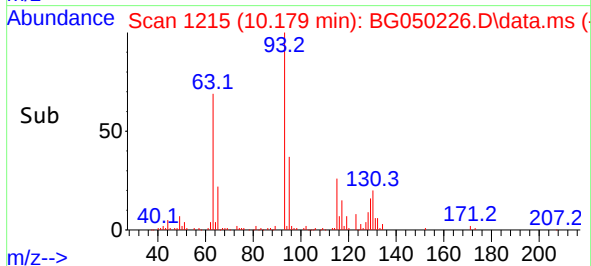
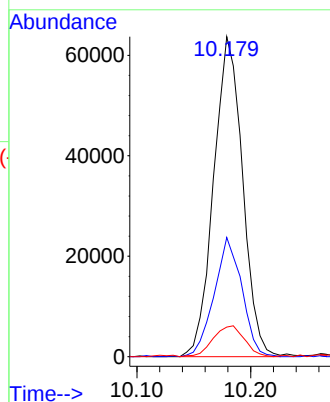
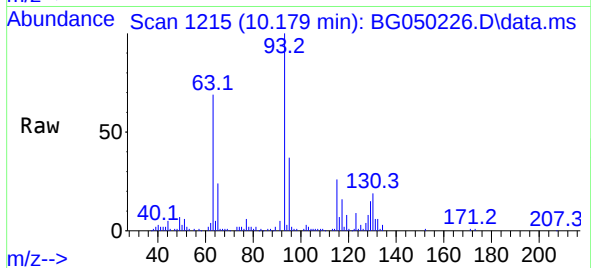
#27
Bis(2-Chloroethoxy)methane
Concen: 35.932 ng/ul
RT: 10.179 min Scan# 1215
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampled :
DBKL5MSD

Tgt Ion: 93 Resp: 112637
Ion Ratio Lower Upper
93 100
95 37.2 24.8 37.2#
123 9.3 8.2 12.2

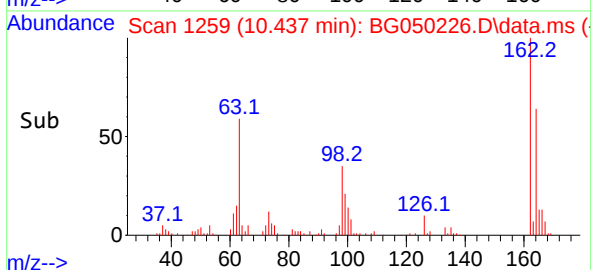
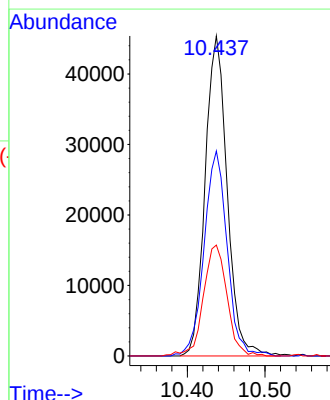
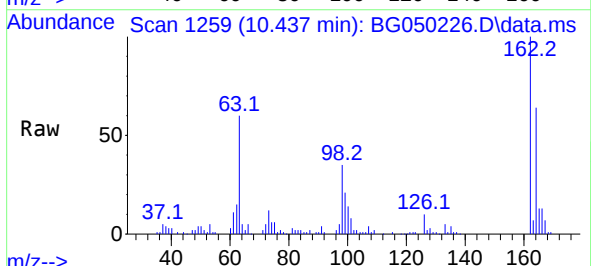
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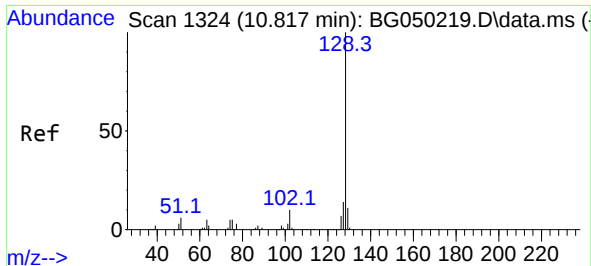
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#29
2,4-Dichlorophenol
Concen: 40.598 ng/ul
RT: 10.437 min Scan# 1259
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

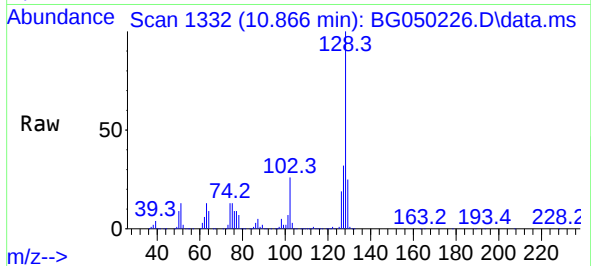
Tgt Ion:162 Resp: 89551
Ion Ratio Lower Upper
162 100
164 64.0 51.0 76.6
98 34.7 27.8 41.8





#30
Naphthalene
Concen: 1116.197 ng/u1
RT: 10.866 min Scan# 1332
Delta R.T. 0.043 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

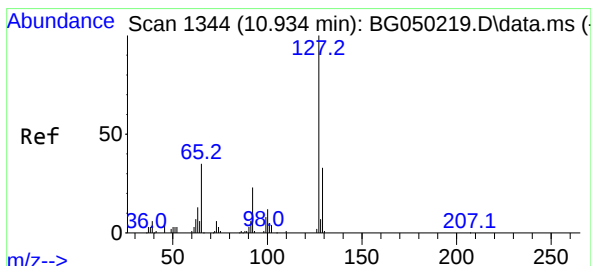
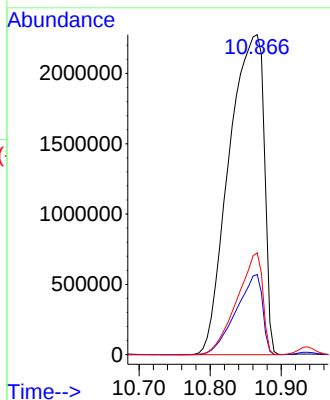
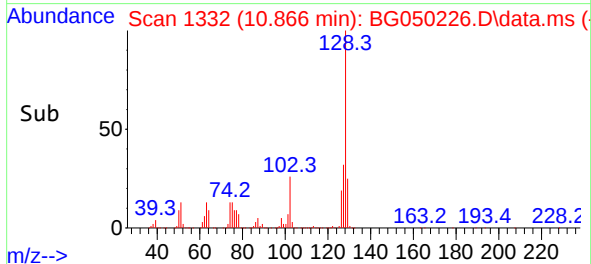
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



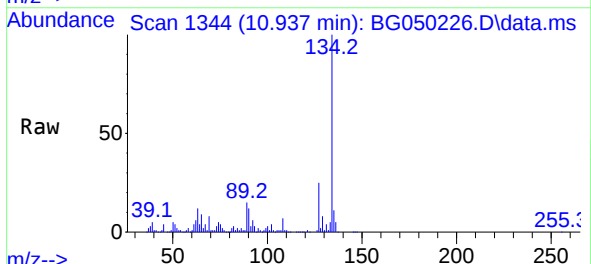
Tgt Ion:128 Resp: 7760952
Ion Ratio Lower Upper
128 100
129 25.0 9.3 13.9#
127 31.9 9.8 14.6#

Manual Integrations
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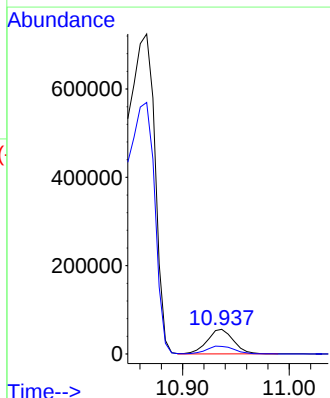
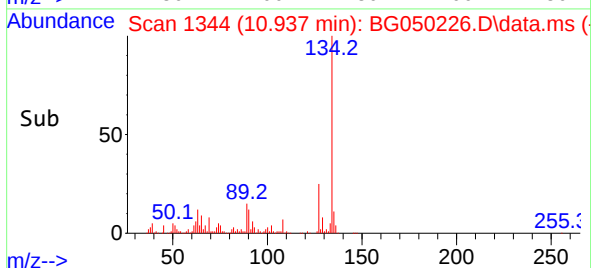
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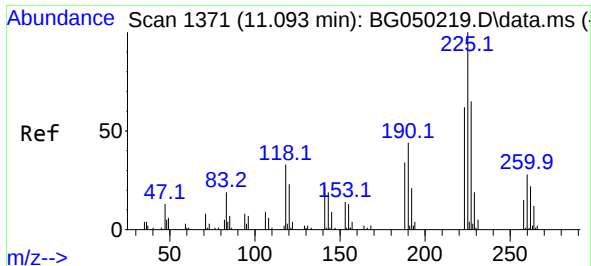


#32
4-Chloroaniline
Concen: 34.041 ng/u1
RT: 10.937 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



Tgt Ion:127 Resp: 95273
Ion Ratio Lower Upper
127 100
129 30.8 30.3 45.5





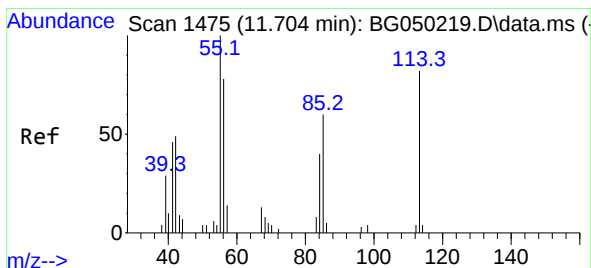
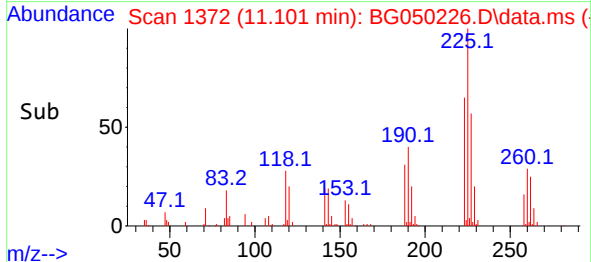
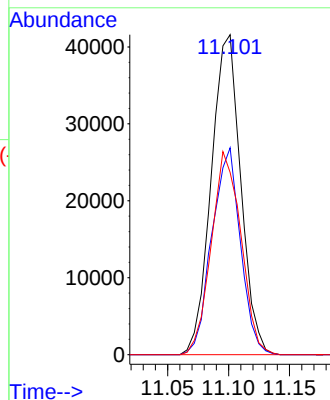
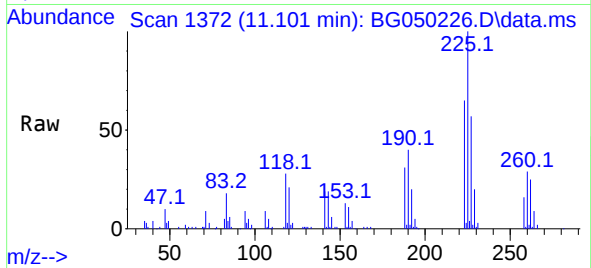
#33
Hexachlorobutadiene
Concen: 40.019 ng/ul
RT: 11.101 min Scan# 1372
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:225 Resp: 69970
Ion Ratio Lower Upper
225 100
223 64.6 51.3 76.9
227 57.0 55.1 82.7

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

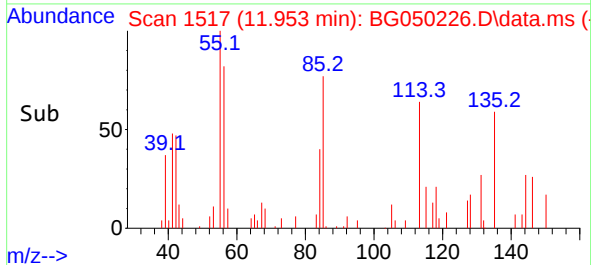
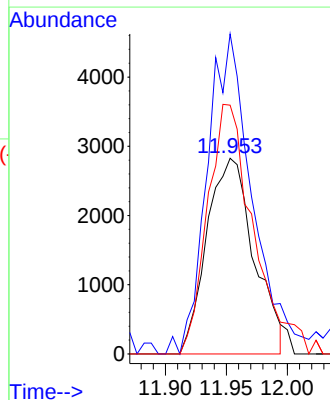
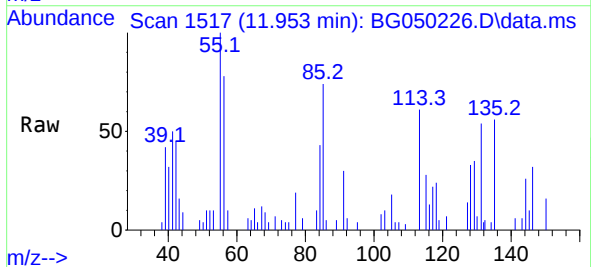
Manual Integrations
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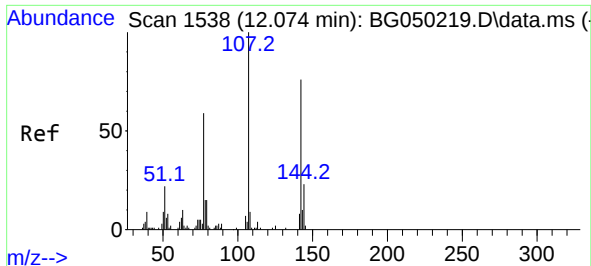
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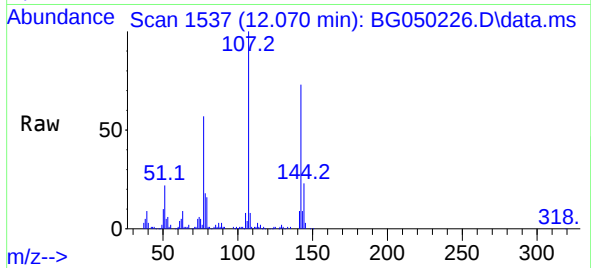
#34
Caprolactam
Concen: 11.310 ng/ul
RT: 11.953 min Scan# 1517
Delta R.T. 0.237 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:113 Resp: 7590
Ion Ratio Lower Upper
113 100
55 163.6 114.0 171.0
56 127.2 107.4 161.0

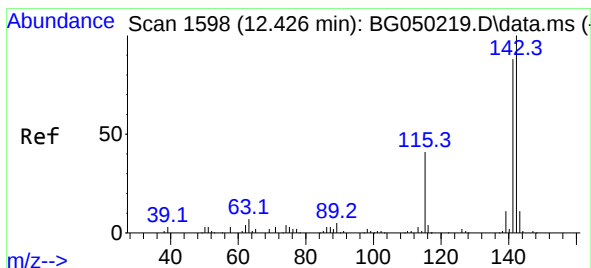
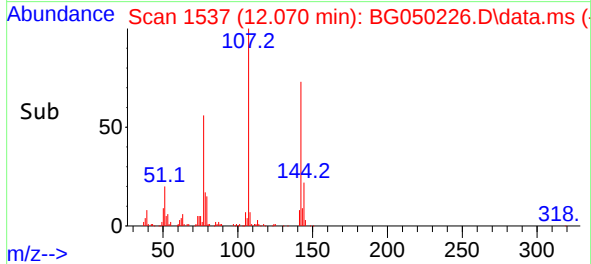
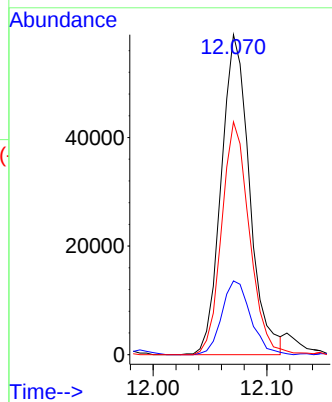




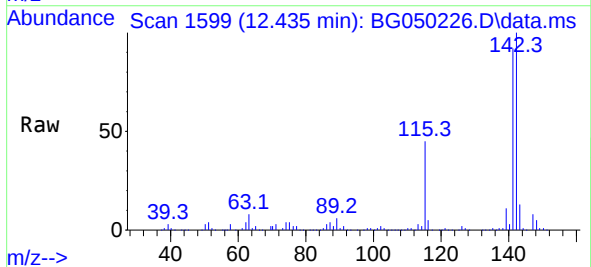
#35
4-Chloro-3-methylphenol
Concen: 41.010 ng/ul
RT: 12.070 min Scan# 1537
Delta R.T. -0.010 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



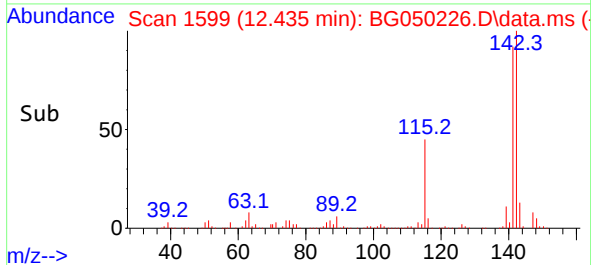
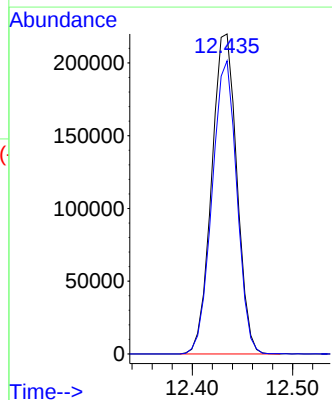
Tgt Ion:107 Resp: 101953
Ion Ratio Lower Upper
107 100
144 23.0 18.9 28.3
142 72.7 59.2 88.8



#36
2-Methylnaphthalene
Concen: 74.550 ng/ul
RT: 12.435 min Scan# 1599
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



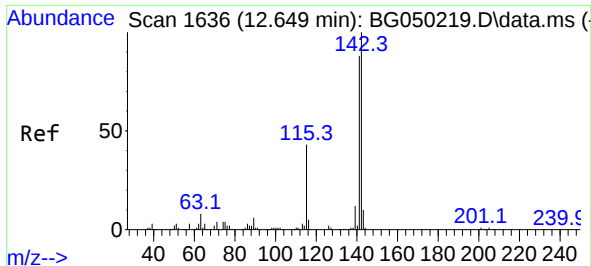
Tgt Ion:142 Resp: 383315
Ion Ratio Lower Upper
142 100
141 91.6 70.5 105.7



Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

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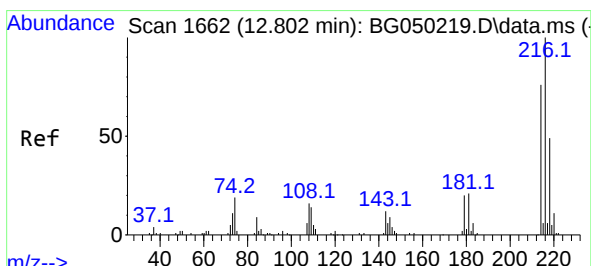
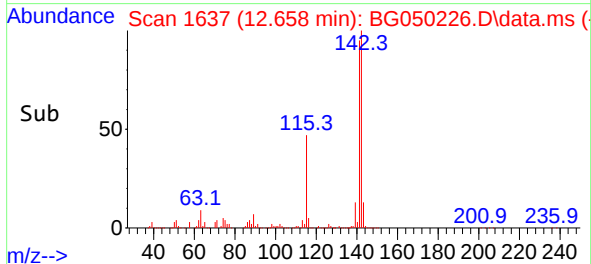
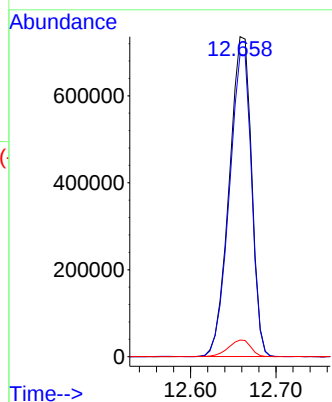
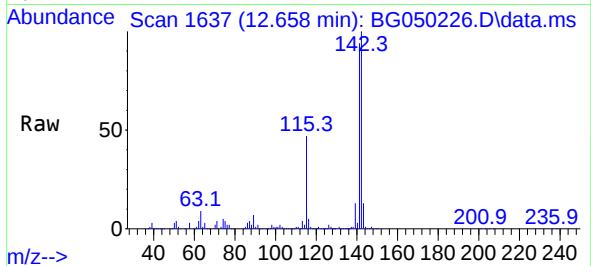
#37
1-Methylnaphthalene
Concen: 270.978 ng/ul
RT: 12.658 min Scan# 1637
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Tgt Ion:142 Resp: 1337850
Ion Ratio Lower Upper
142 100
141 94.5 75.8 113.8
116 5.2 3.7 5.5

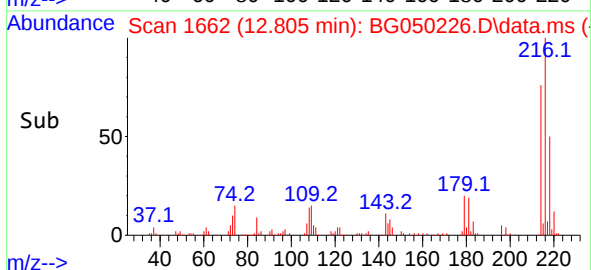
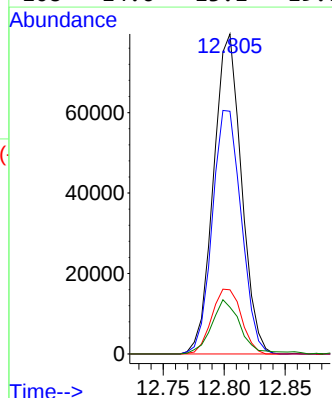
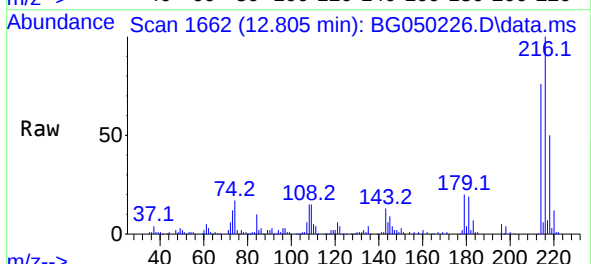
Manual Integrations
APPROVED

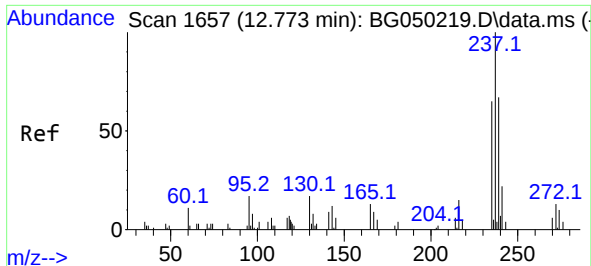
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.837 ng/ul
RT: 12.805 min Scan# 1662
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

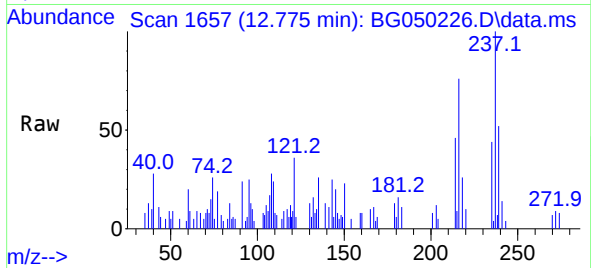
Tgt Ion:216 Resp: 126638
Ion Ratio Lower Upper
216 100
214 75.8 64.2 96.2
179 20.0 12.8 19.2#
108 14.6 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 5.359 ng/ul
RT: 12.775 min Scan# 1657
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

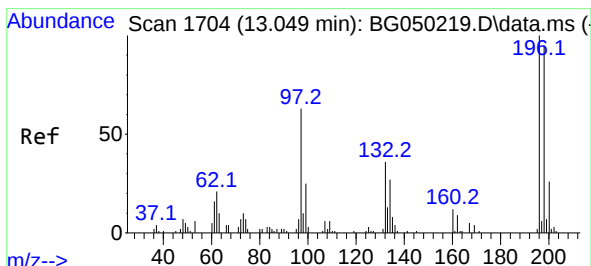
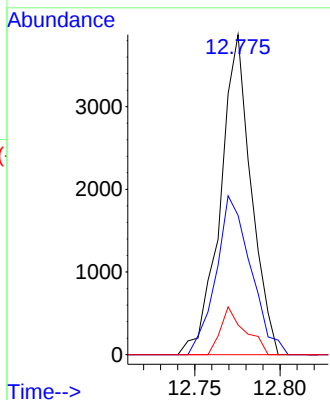
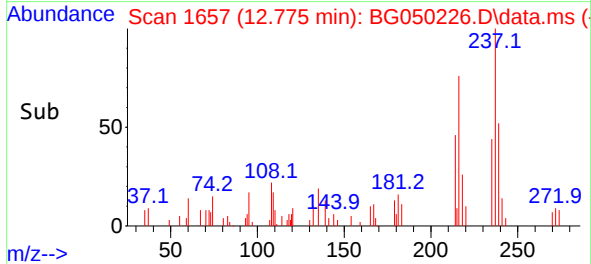
Instrument :
BNA_G
ClientSampled :
DBKL5MSD



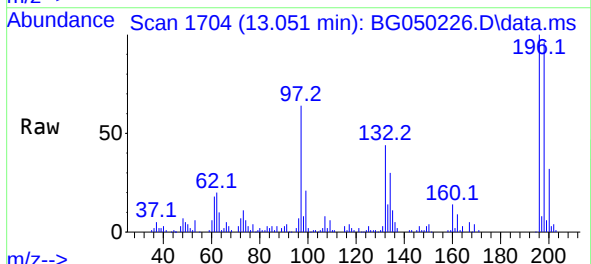
Tgt Ion:237 Resp: 4863
Ion Ratio Lower Upper
237 100
235 43.5 53.5 80.3#
272 9.3 11.5 17.3#

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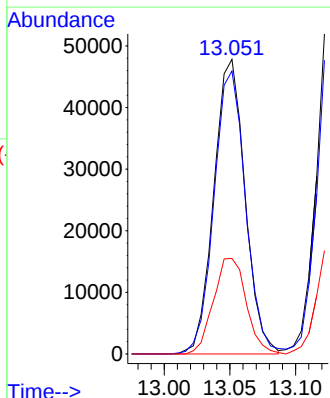
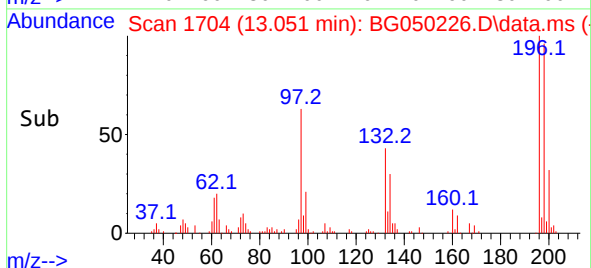
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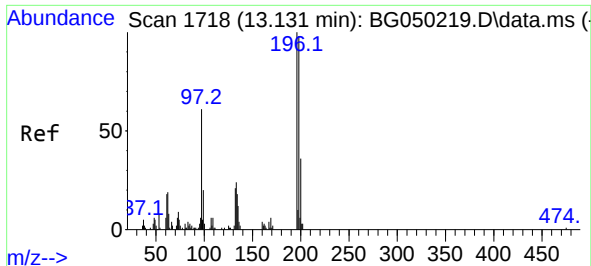


#41
2,4,6-Trichlorophenol
Concen: 41.804 ng/ul
RT: 13.051 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



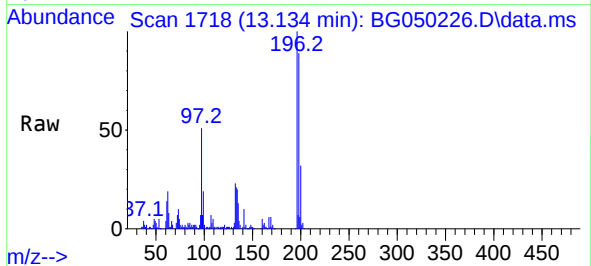
Tgt Ion:196 Resp: 78996
Ion Ratio Lower Upper
196 100
198 96.1 83.7 125.5
200 32.4 25.9 38.9





#42
2,4,5-Trichlorophenol
Concen: 57.735 ng/ul
RT: 13.134 min Scan# 1718
Delta R.T. -0.010 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

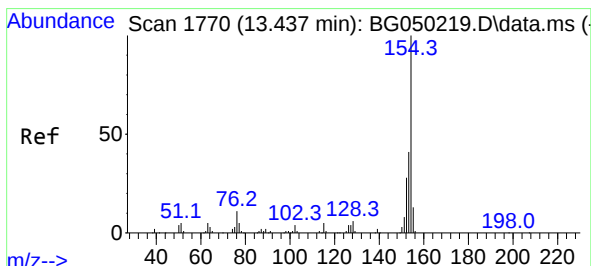
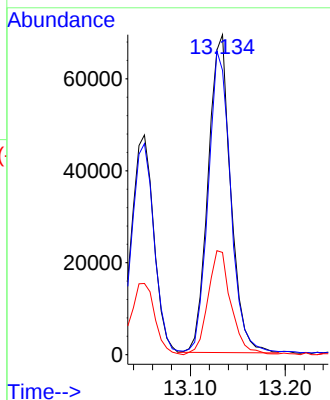
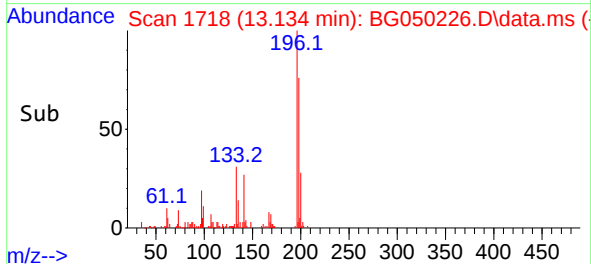
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



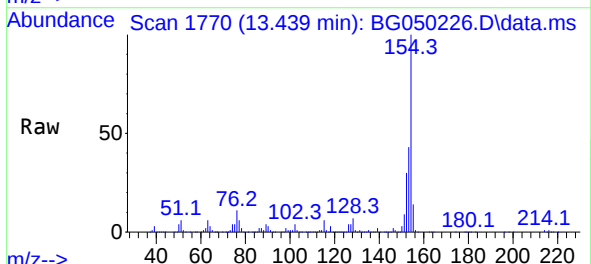
Tgt Ion:196 Resp: 114092
Ion Ratio Lower Upper
196 100
198 88.9 70.3 105.5
200 31.9 26.6 40.0

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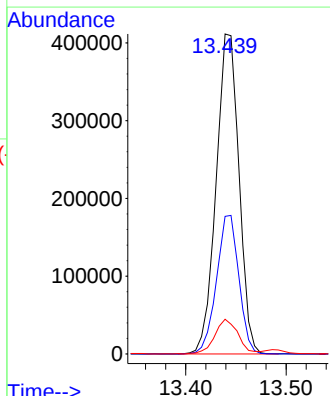
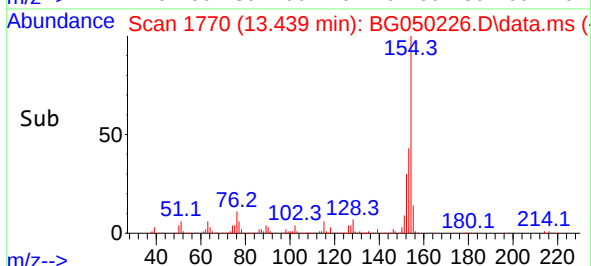
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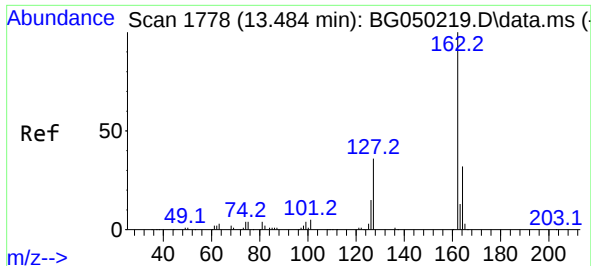


#43
1,1'-Biphenyl
Concen: 90.964 ng/ul
RT: 13.439 min Scan# 1770
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



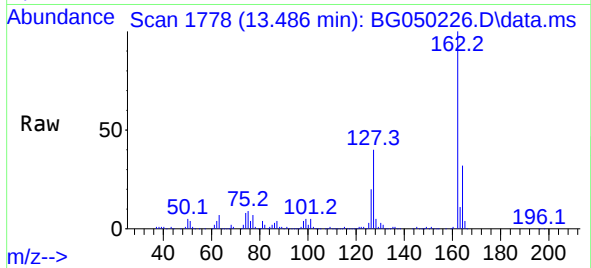
Tgt Ion:154 Resp: 649837
Ion Ratio Lower Upper
154 100
153 43.0 32.5 48.7
76 10.9 7.8 11.8





#44
2-Chloronaphthalene
Concen: 39.492 ng/ul
RT: 13.486 min Scan# 1778
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

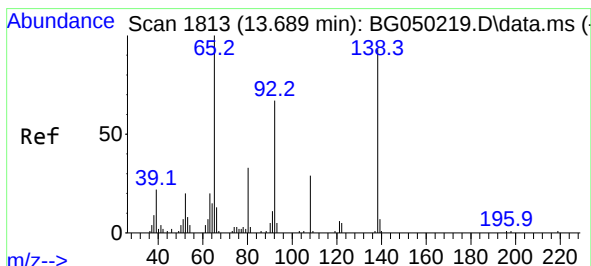
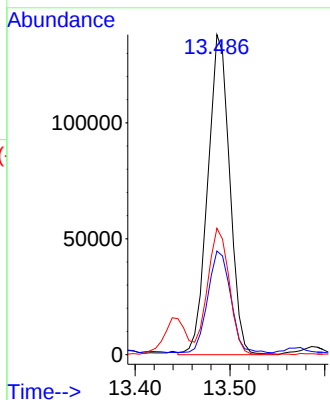
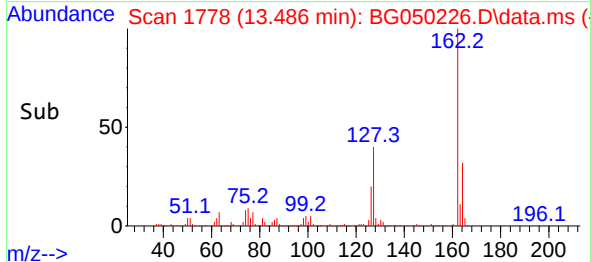
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



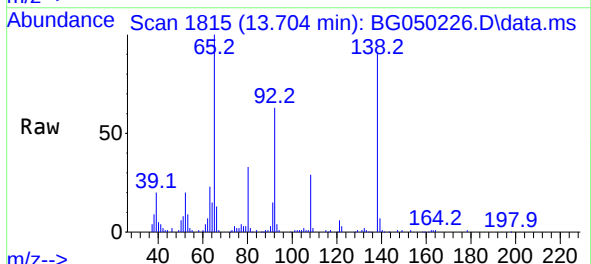
Tgt Ion:162 Resp: 221868
Ion Ratio Lower Upper
162 100
164 32.4 25.2 37.8
127 39.5 31.9 47.9

Manual Integrations
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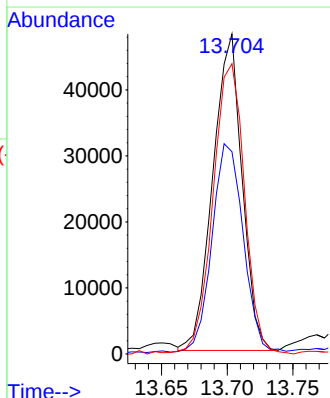
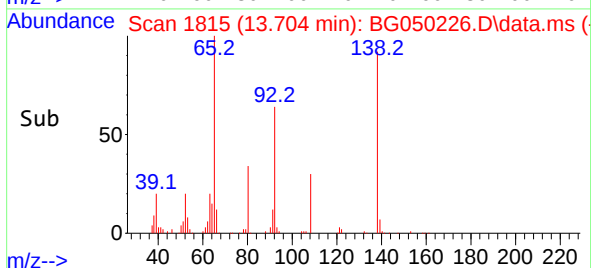
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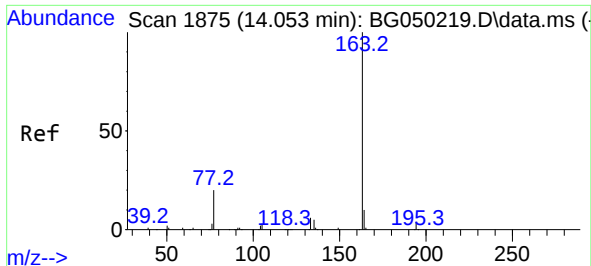


#45
2-Nitroaniline
Concen: 41.696 ng/ul
RT: 13.704 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

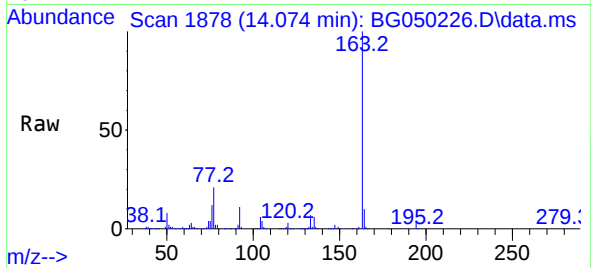


Tgt Ion: 65 Resp: 74159
Ion Ratio Lower Upper
65 100
92 63.2 55.6 83.4
138 90.7 78.7 118.1

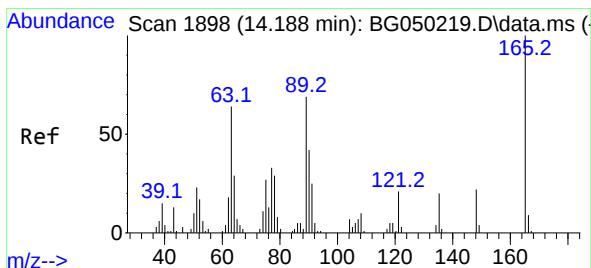
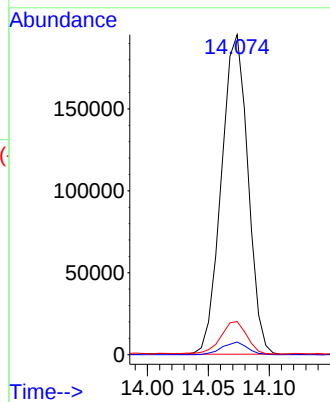
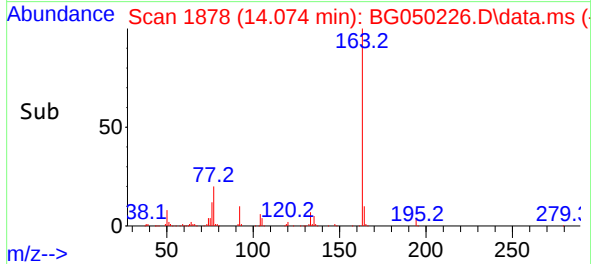




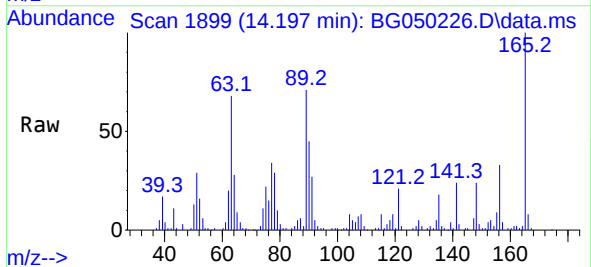
#47
Dimethylphthalate
Concen: 41.465 ng/ul
RT: 14.074 min Scan# 1878
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



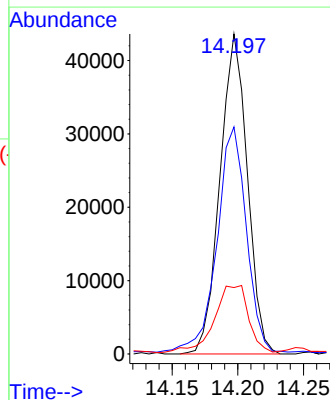
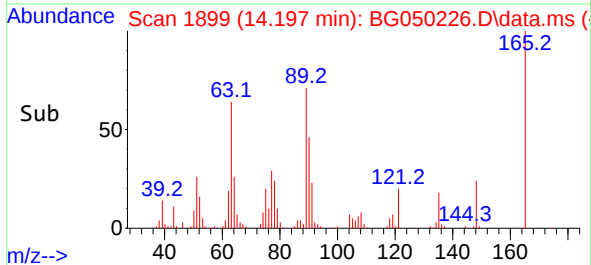
Tgt Ion:163 Resp: 295718
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 41.666 ng/ul
RT: 14.197 min Scan# 1899
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



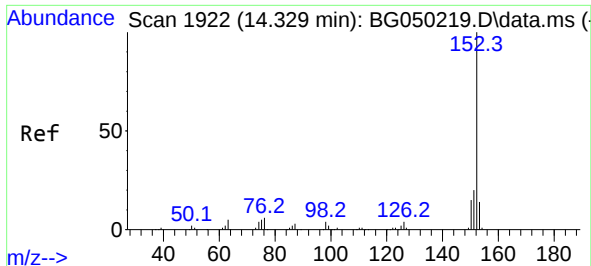
Tgt Ion:165 Resp: 63270
Ion Ratio Lower Upper
165 100
89 70.9 62.5 93.7
121 20.8 22.2 33.2#



Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

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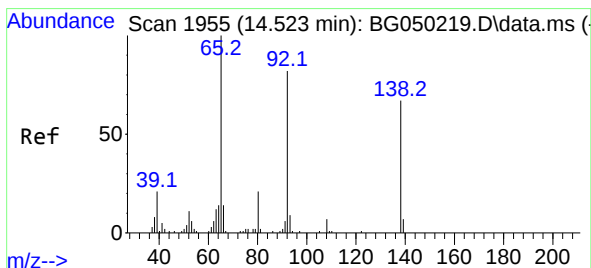
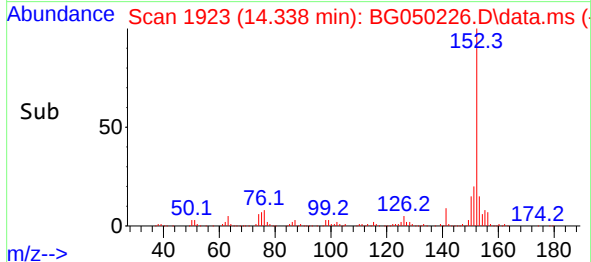
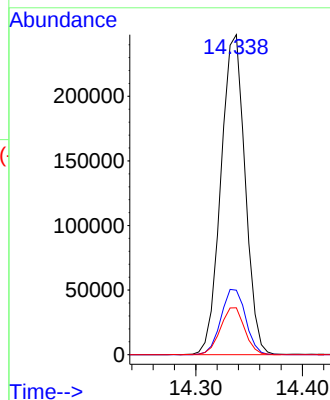
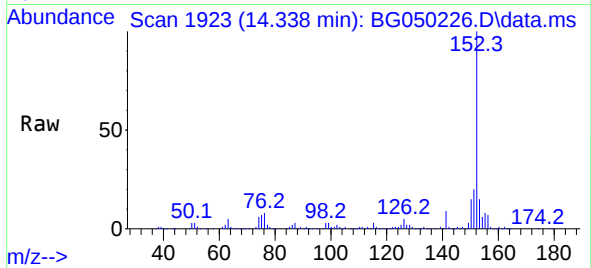
#50
Acenaphthylene
Concen: 46.900 ng/ul
RT: 14.338 min Scan# 1923
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:	152	Resp:	389977
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.2	22.8
153	14.7	10.7	16.1

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

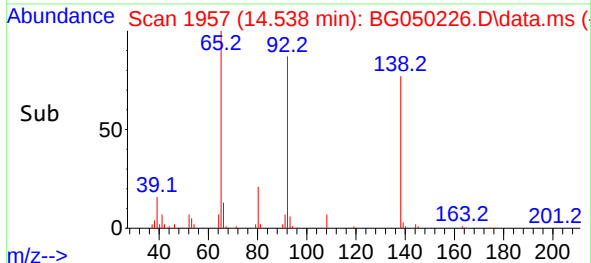
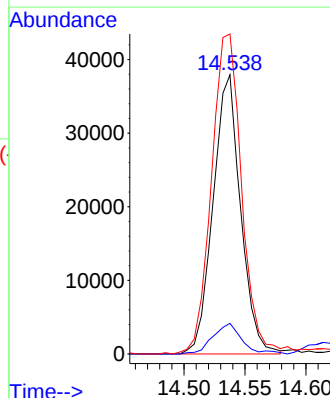
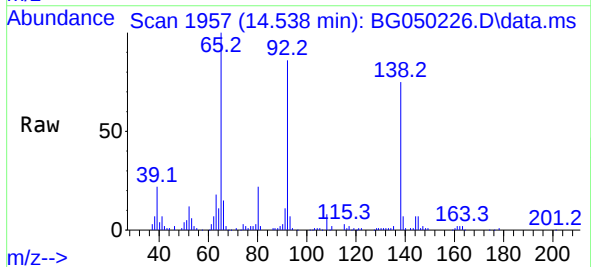
Manual Integrations
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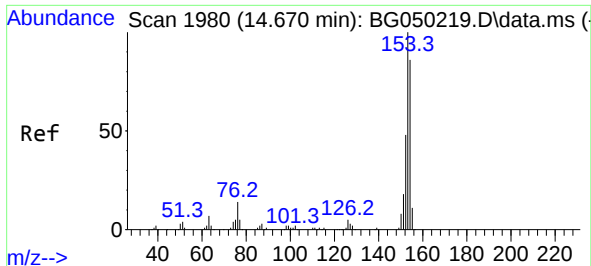
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#51
3-Nitroaniline
Concen: 43.135 ng/ul
RT: 14.538 min Scan# 1957
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

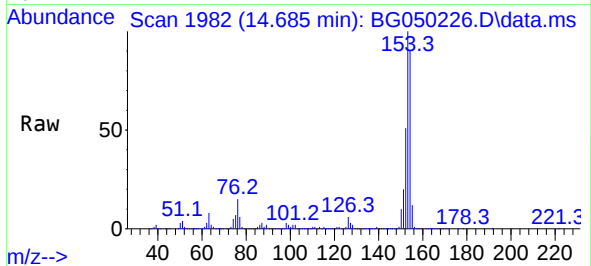
Tgt Ion:	138	Resp:	59631
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.0	13.4
92	114.6	96.4	144.6





#52
Acenaphthene
Concen: 252.762 ng/ul
RT: 14.685 min Scan# 1982
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

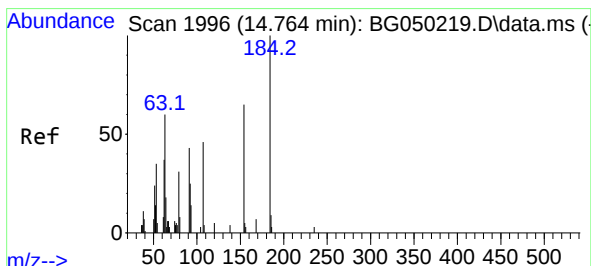
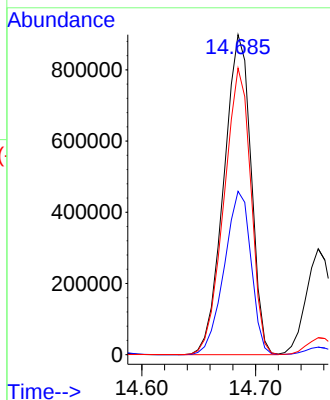
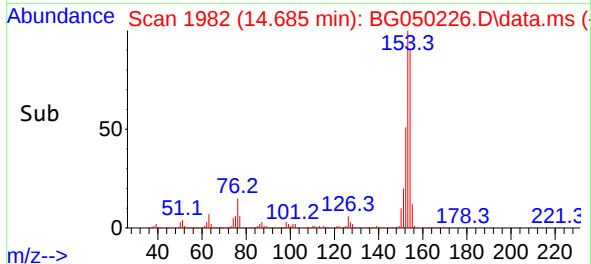
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



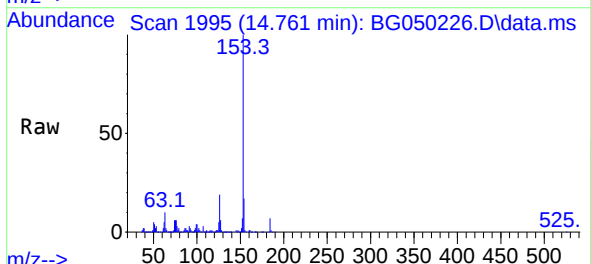
Tgt Ion:153 Resp: 1497568
Ion Ratio Lower Upper
153 100
152 51.1 37.4 56.2
154 89.6 71.5 107.3

Manual Integrations
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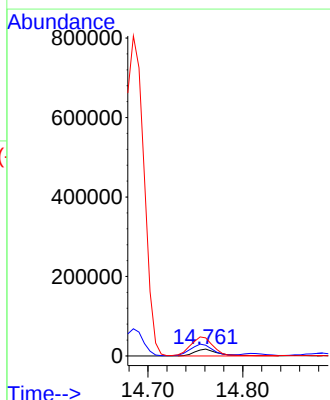
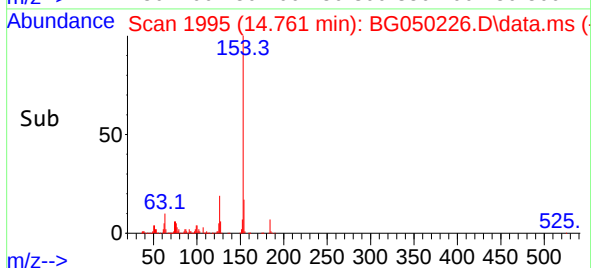
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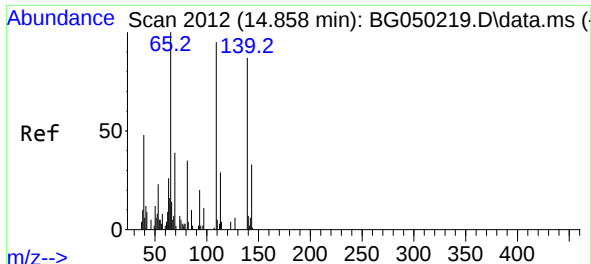


#53
2,4-Dinitrophenol
Concen: 48.247 ng/ul
RT: 14.761 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

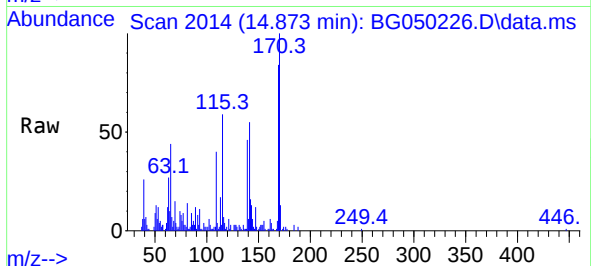


Tgt Ion:184 Resp: 30005
Ion Ratio Lower Upper
184 100
63 155.1 75.8 113.8#
154 261.7 64.6 96.8#

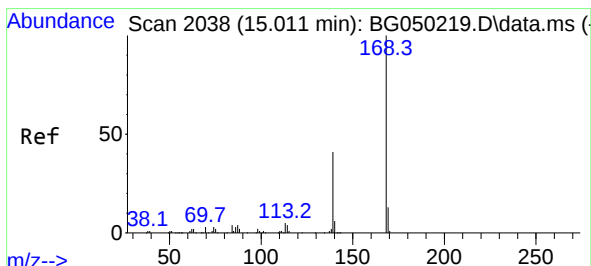
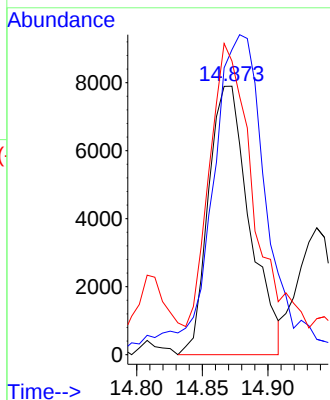
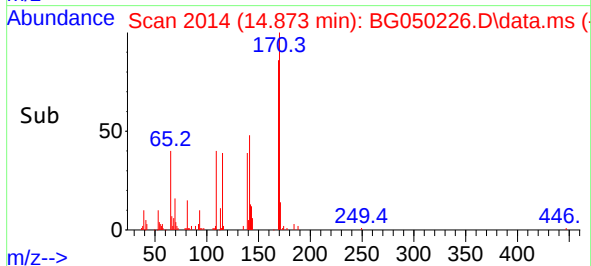




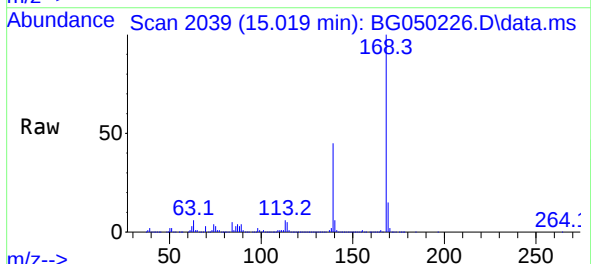
#55
4-Nitrophenol
Concen: 17.121 ng/ul
RT: 14.873 min Scan# 2014
Delta R.T. 0.014 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



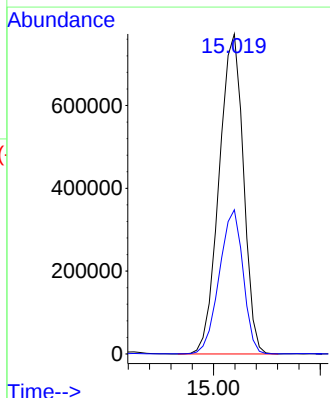
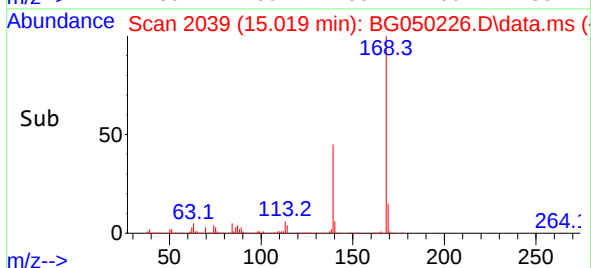
Tgt Ion:109 Resp: 17178
Ion Ratio Lower Upper
109 100
139 113.5 61.4 92.0#
65 109.3 76.5 114.7



#56
Dibenzofuran
Concen: 149.921 ng/ul
RT: 15.019 min Scan# 2039
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



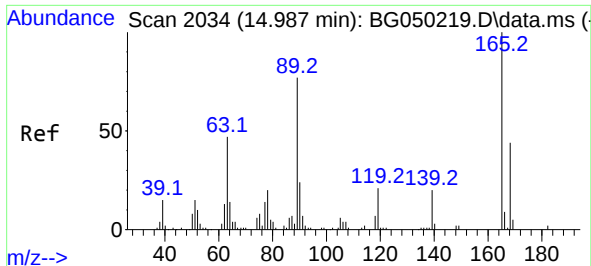
Tgt Ion:168 Resp: 1222068
Ion Ratio Lower Upper
168 100
139 45.0 33.8 50.8



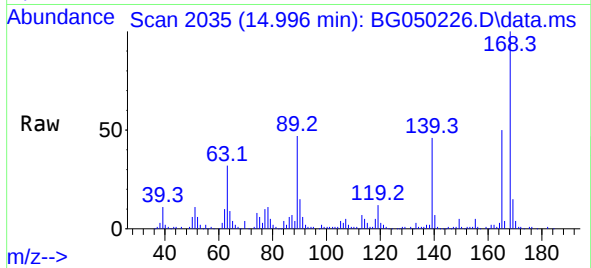
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations
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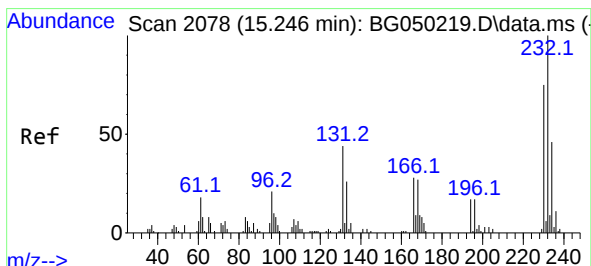
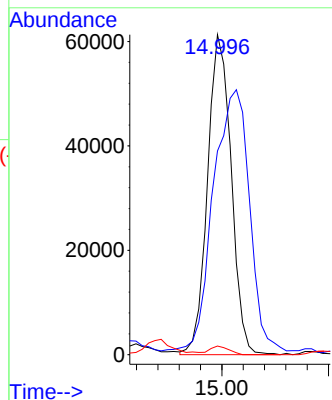
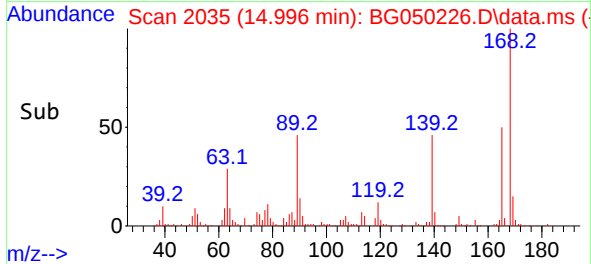
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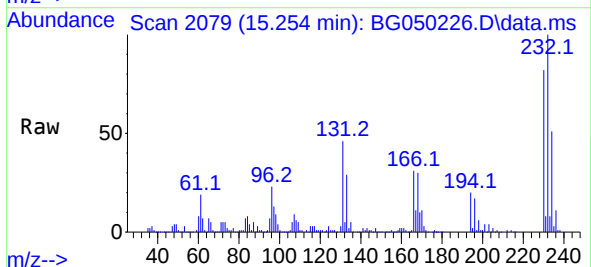
#57
2,4-Dinitrotoluene
Concen: 43.519 ng/ul
RT: 14.996 min Scan# 2035
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



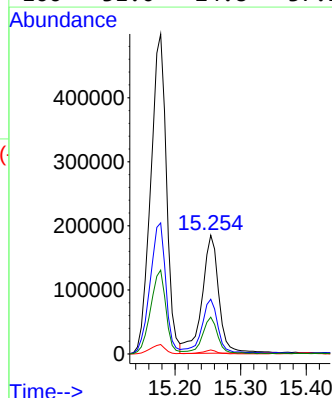
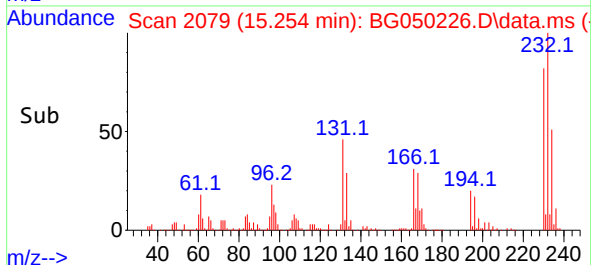
Tgt Ion:165 Resp: 94432
Ion Ratio Lower Upper
165 100
63 63.7 42.3 63.5#
182 2.7 2.6 4.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 219.605 ng/ul
RT: 15.254 min Scan# 2079
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



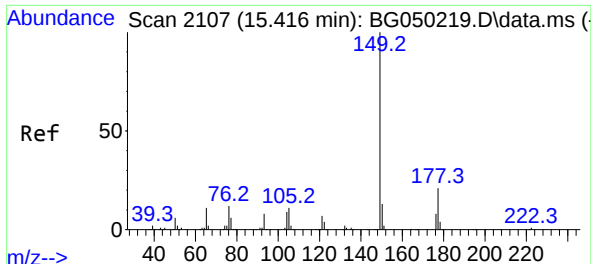
Tgt Ion:232 Resp: 328694
Ion Ratio Lower Upper
232 100
131 46.2 40.0 60.0
130 3.3 1.8 2.8#
166 31.0 24.8 37.2



Instrument :
BNA_G
ClientSampled :
DBKL5MSD

Manual Integrations
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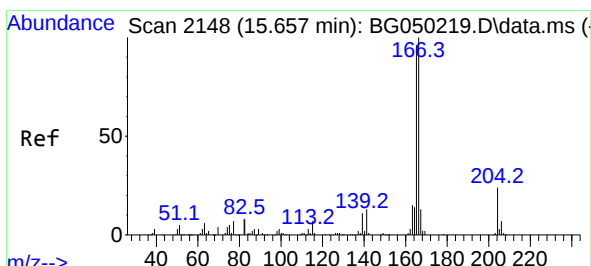
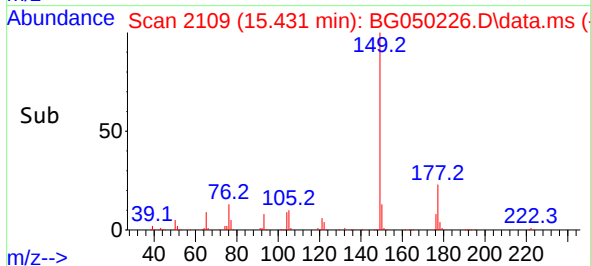
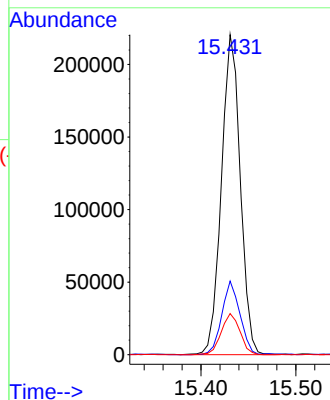
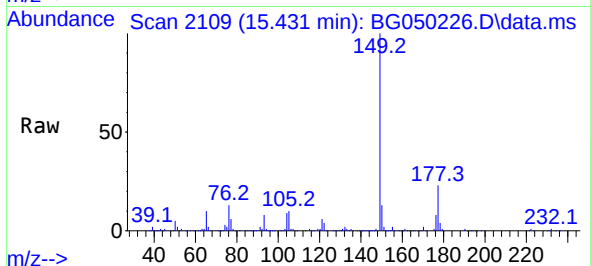
#59
Diethylphthalate
Concen: 42.424 ng/ul
RT: 15.431 min Scan# 2109
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Tgt Ion:149 Resp: 305804
Ion Ratio Lower Upper
149 100
177 23.0 15.8 23.6
150 12.8 9.7 14.5

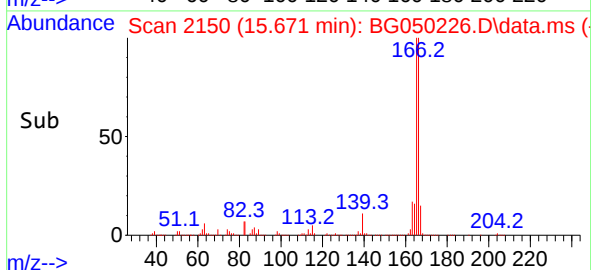
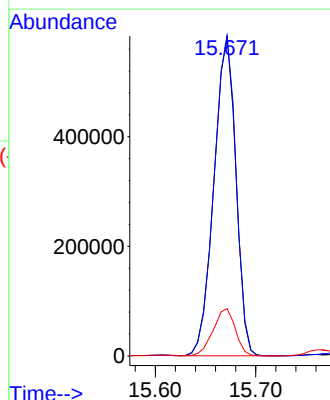
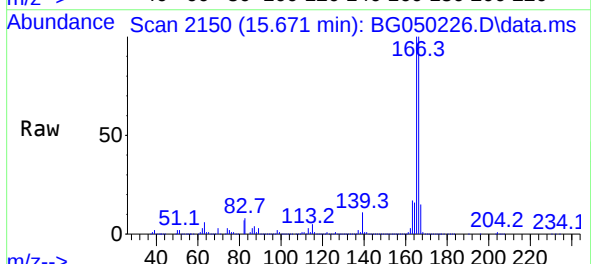
Manual Integrations
APPROVED

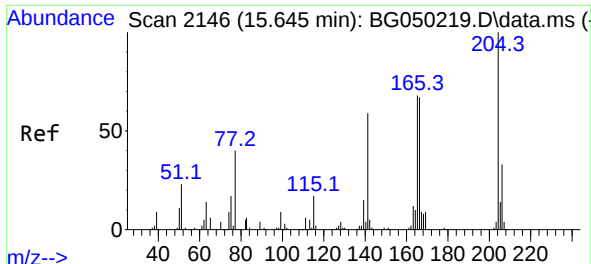
mohammad
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#61
Fluorene
Concen: 129.051 ng/ul
RT: 15.671 min Scan# 2150
Delta R.T. 0.008 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

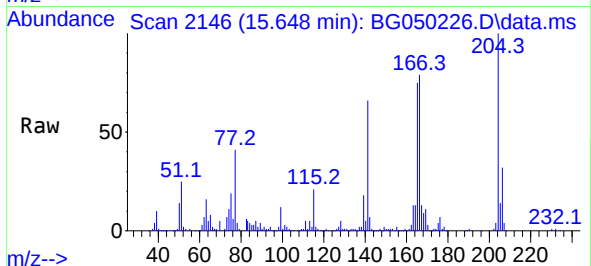
Tgt Ion:166 Resp: 881956
Ion Ratio Lower Upper
166 100
165 100.2 83.3 124.9
167 14.8 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 40.602 ng/ul
RT: 15.648 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

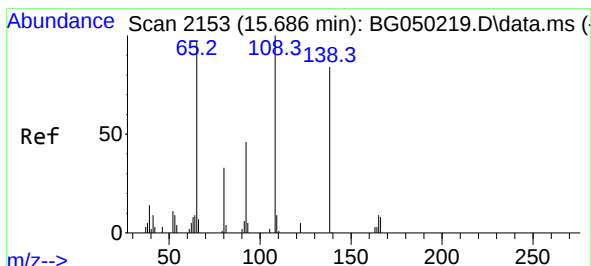
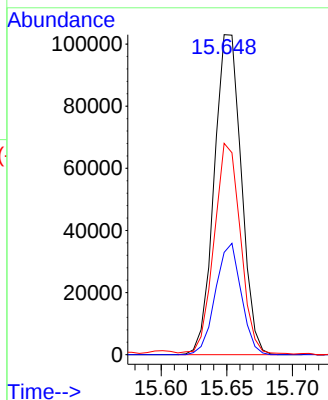
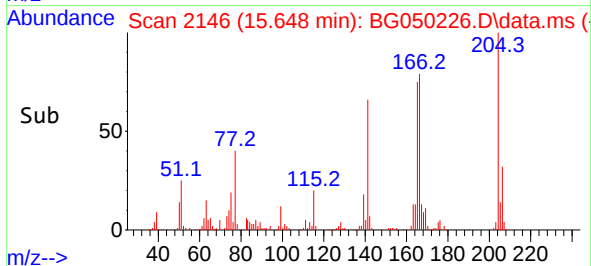
Instrument :
BNA_G
ClientSampled :
DBKL5MSD



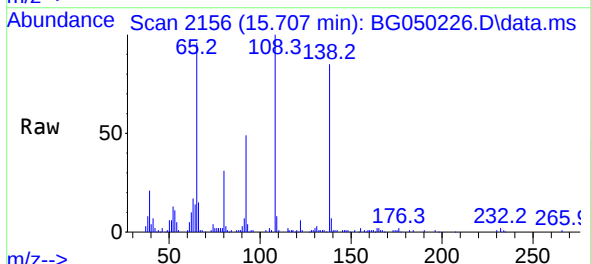
Tgt Ion:204 Resp: 147745
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.2
141 66.1 51.8 77.6

Manual Integrations
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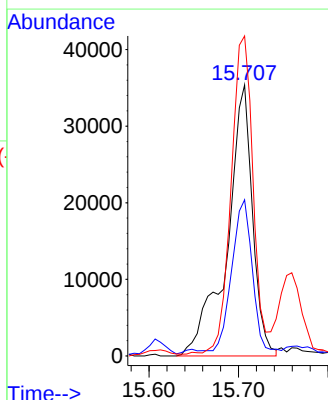
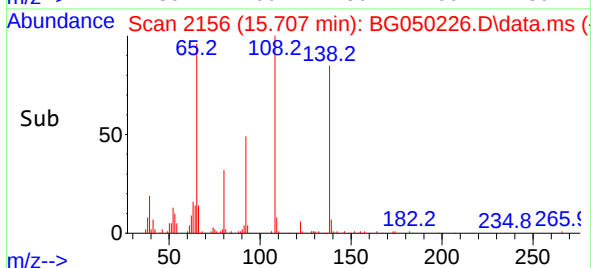
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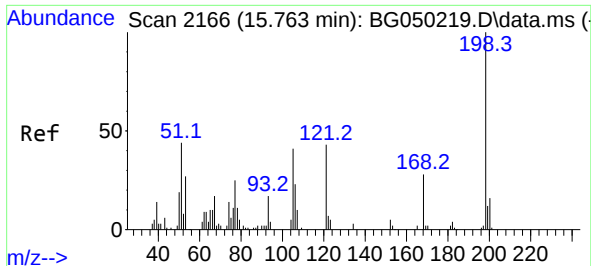


#63
4-Nitroaniline
Concen: 54.611 ng/ul m
RT: 15.707 min Scan# 2156
Delta R.T. 0.014 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

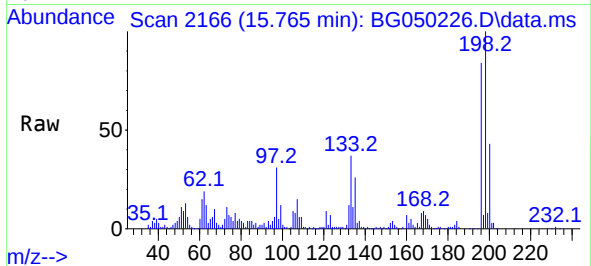


Tgt Ion:138 Resp: 70313
Ion Ratio Lower Upper
138 100
92 57.6 50.0 75.0
108 118.0 101.8 152.8

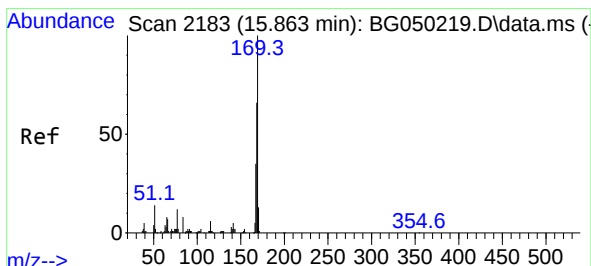
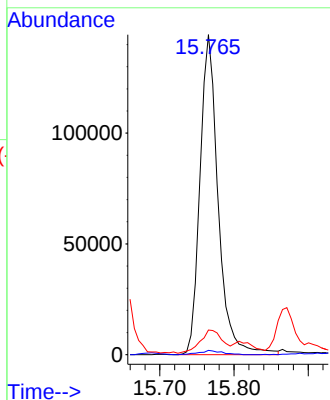
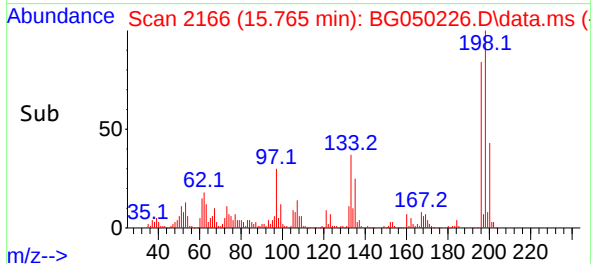




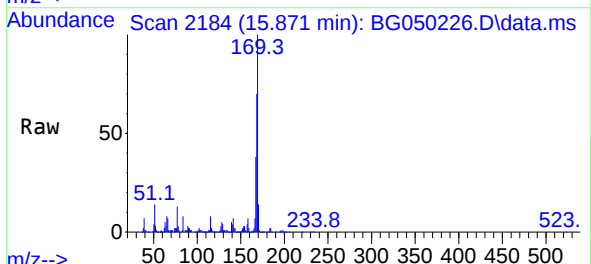
#66
4,6-Dinitro-2-methylphenol
Concen: 226.695 ng/ul
RT: 15.765 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



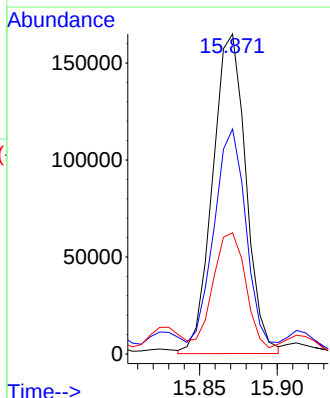
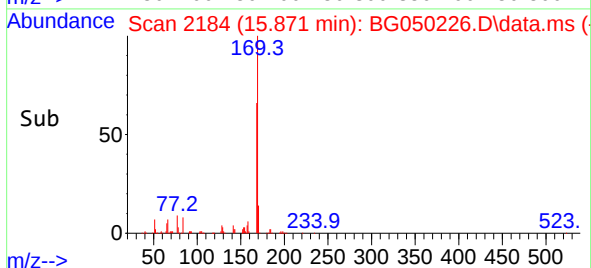
Tgt Ion:198 Resp: 246028
Ion Ratio Lower Upper
198 100
182 1.3 3.0 4.6#
77 7.7 23.4 35.2#



#67
N-Nitrosodiphenylamine
Concen: 44.833 ng/ul
RT: 15.871 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



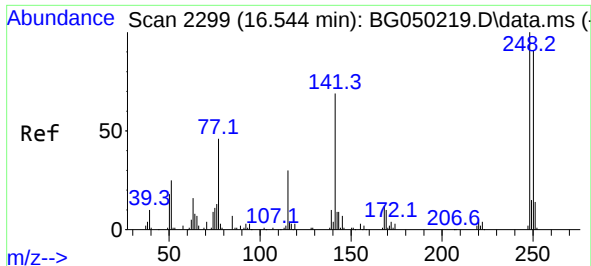
Tgt Ion:169 Resp: 245581
Ion Ratio Lower Upper
169 100
168 70.3 55.0 82.6
167 37.9 29.0 43.4



Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

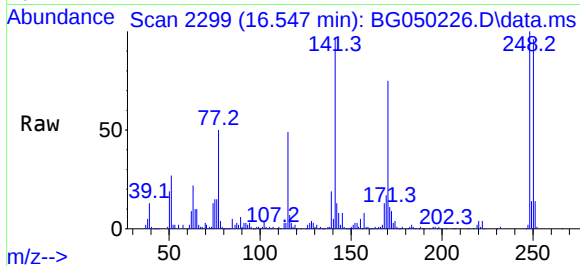
Manual Integrations
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#68
4-Bromophenyl-phenylether
Concen: 44.951 ng/ul
RT: 16.547 min Scan# 2299
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

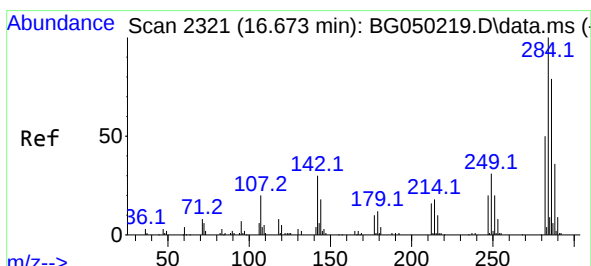
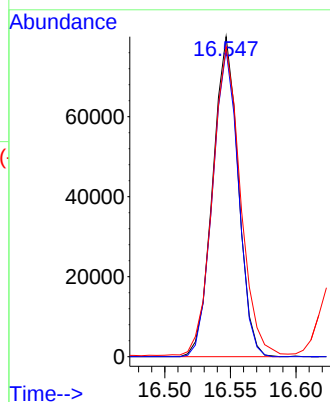
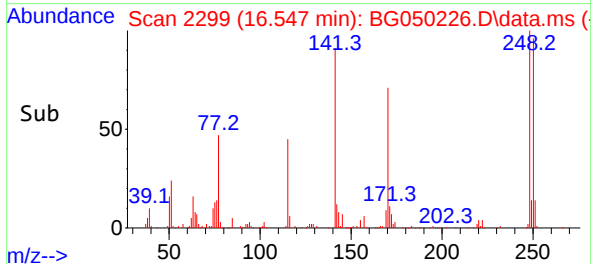
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



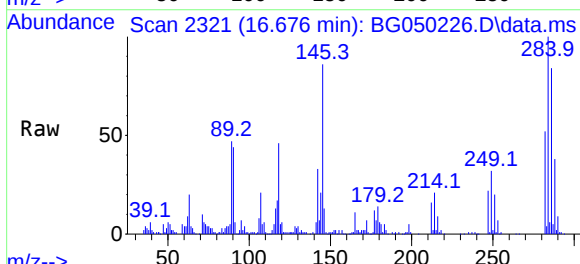
Tgt Ion:248 Resp: 107911
Ion Ratio Lower Upper
248 100
250 95.9 80.2 120.2
141 96.9 60.6 90.8#

Manual Integrations
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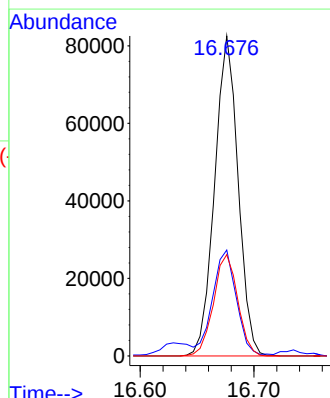
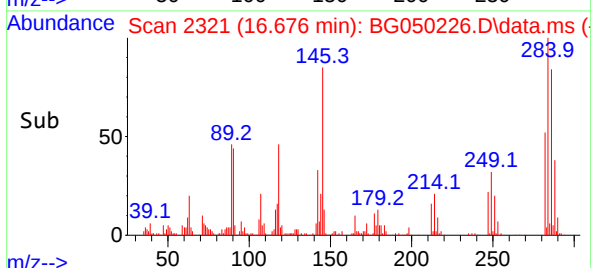
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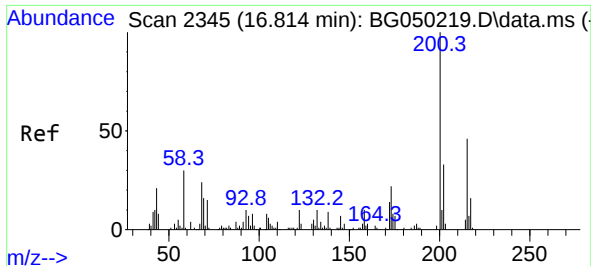


#69
Hexachlorobenzene
Concen: 43.425 ng/ul
RT: 16.676 min Scan# 2321
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



Tgt Ion:284 Resp: 118193
Ion Ratio Lower Upper
284 100
142 33.1 28.7 43.1
249 31.6 25.5 38.3





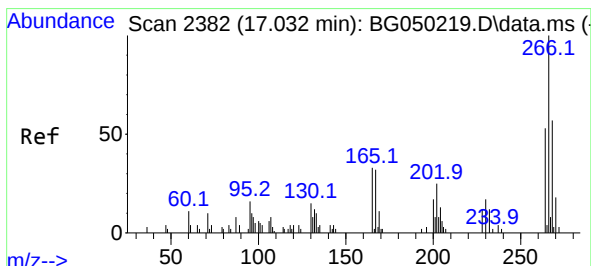
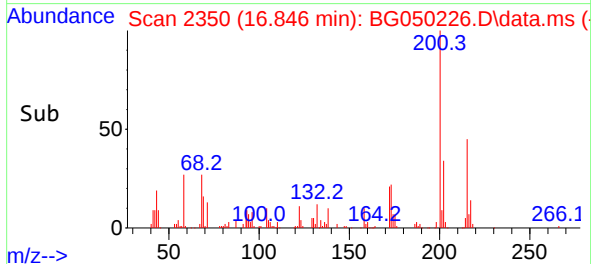
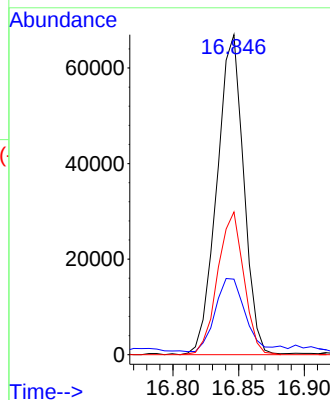
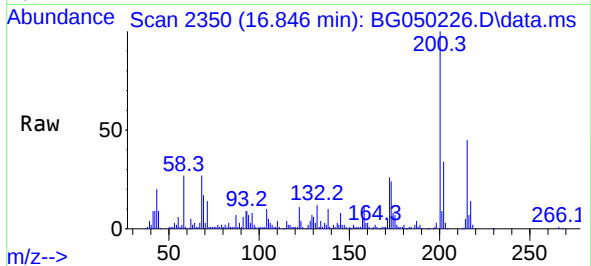
#70
Atrazine
Concen: 41.317 ng/ul
RT: 16.846 min Scan# 2350
Delta R.T. 0.025 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:	200	Resp:	94896
Ion Ratio	Lower	Upper	
200	100		
173	23.6	19.3	28.9
215	44.6	34.9	52.3

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

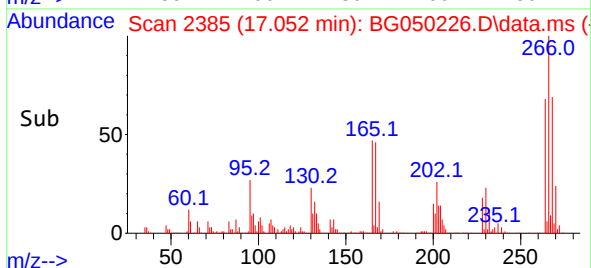
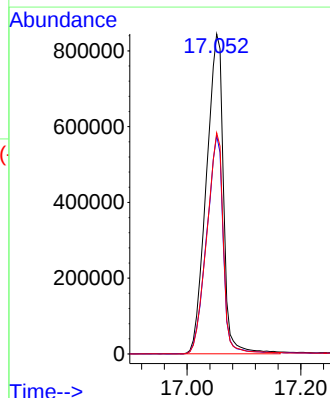
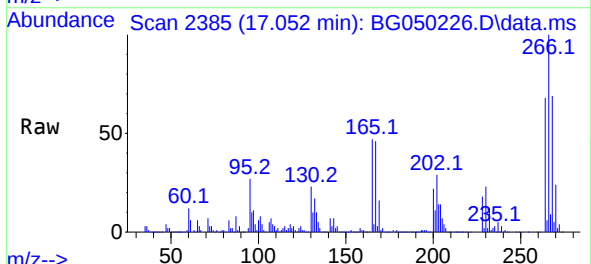
Manual Integrations
APPROVED

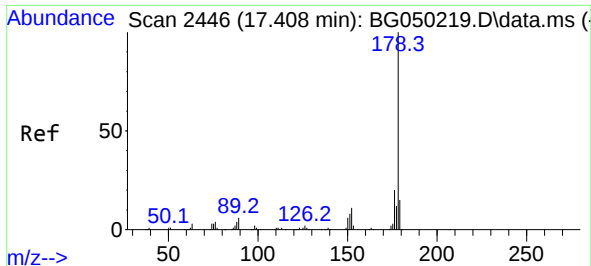
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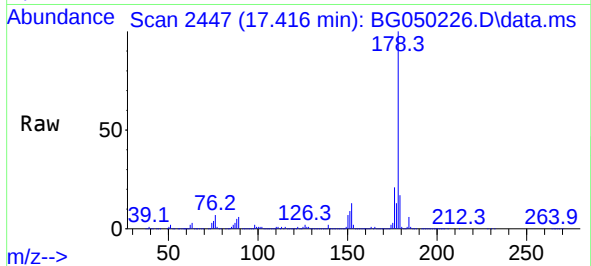
#71
Pentachlorophenol
Concen: 2356.376 ng/ul
RT: 17.052 min Scan# 2385
Delta R.T. 0.014 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:	266	Resp:	1756799
Ion Ratio	Lower	Upper	
266	100		
264	68.3	54.1	81.1
268	69.1	52.6	78.8

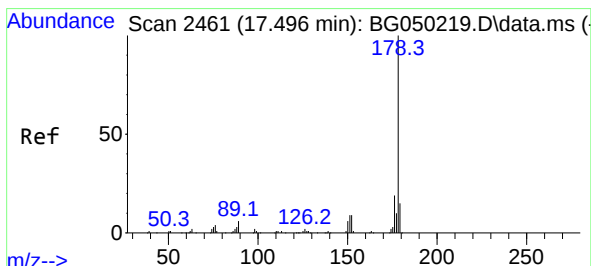
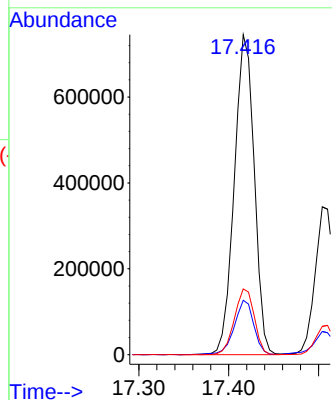
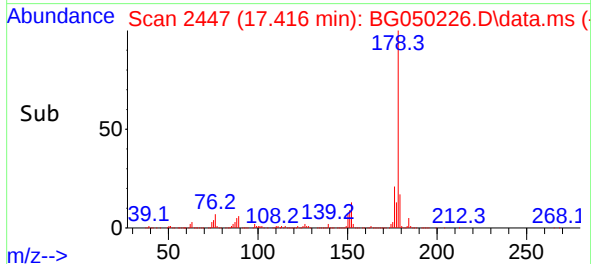




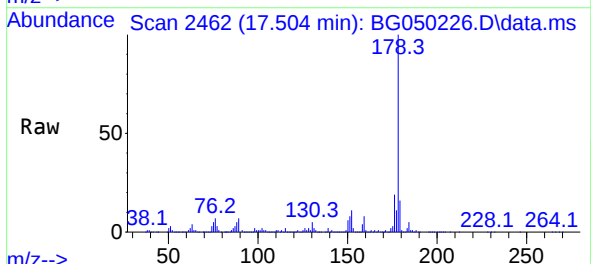
#72
Phenanthrene
Concen: 111.220 ng/u1
RT: 17.416 min Scan# 2447
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



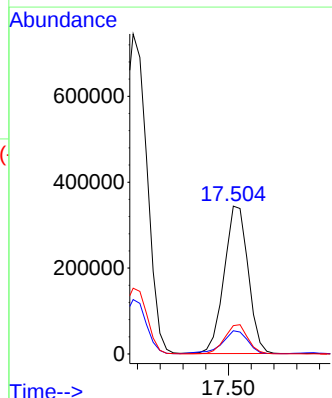
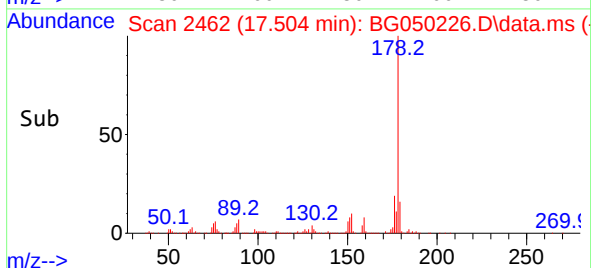
Tgt Ion:178 Resp: 1149123
Ion Ratio Lower Upper
178 100
179 17.0 11.7 17.5
176 20.5 16.2 24.2



#74
Anthracene
Concen: 48.064 ng/u1
RT: 17.504 min Scan# 2462
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



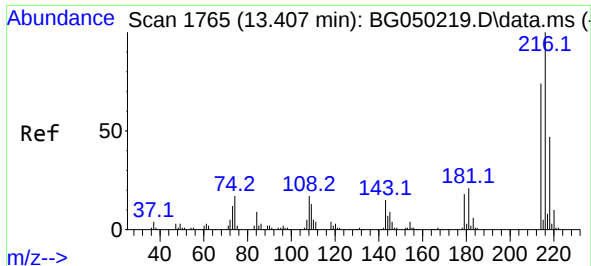
Tgt Ion:178 Resp: 503543
Ion Ratio Lower Upper
178 100
179 15.7 11.4 17.0
176 19.2 12.8 19.2#



Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

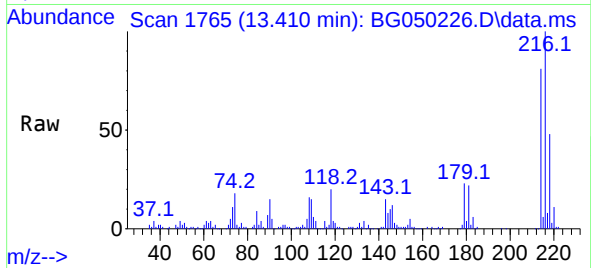
Manual Integrations
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 52.356 ng/uL
RT: 13.410 min Scan# 1765
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

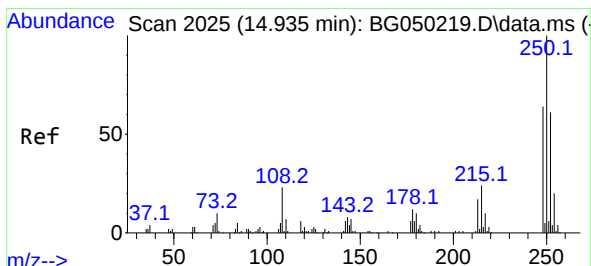
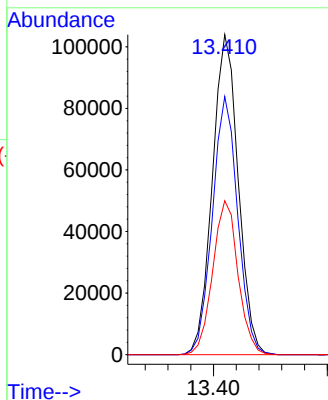
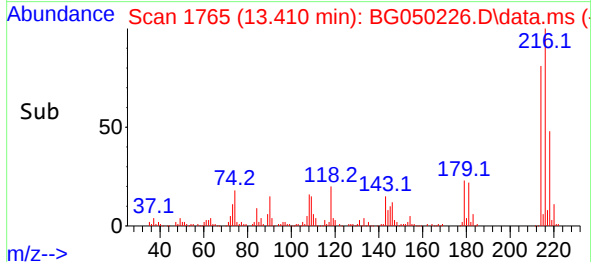
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



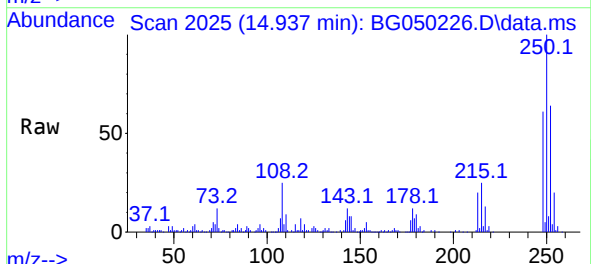
Tgt Ion:216 Resp: 164367
Ion Ratio Lower Upper
216 100
214 80.6 70.9 106.3
218 48.1 40.9 61.3

Manual Integrations
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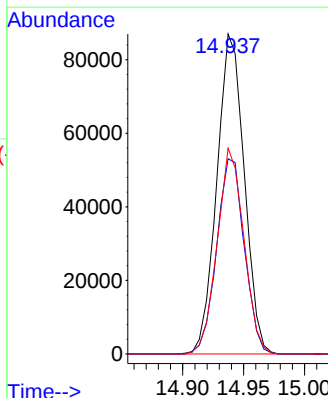
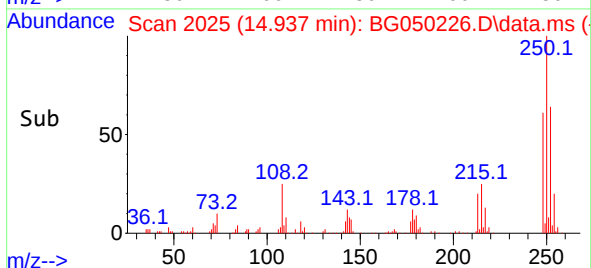
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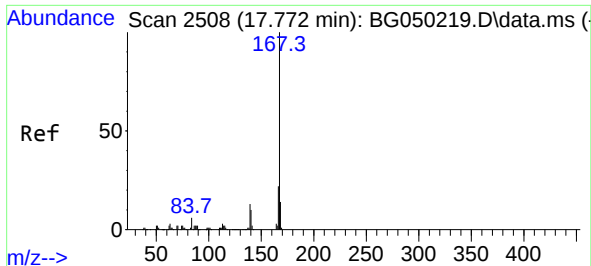


#76
Pentachlorobenzene
Concen: 41.982 ng/uL
RT: 14.937 min Scan# 2025
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



Tgt Ion:250 Resp: 136084
Ion Ratio Lower Upper
250 100
248 61.0 51.5 77.3
252 64.3 47.9 71.9





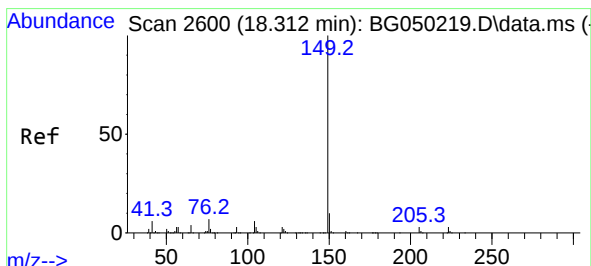
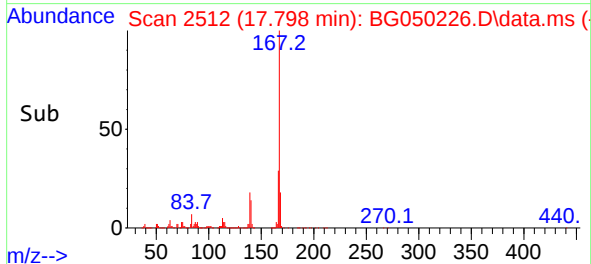
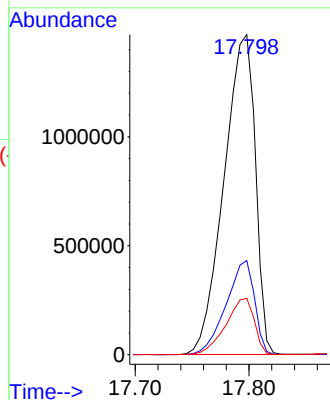
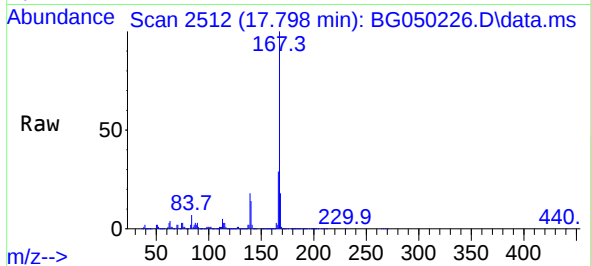
#77
Carbazole
Concen: 303.309 ng/ul
RT: 17.798 min Scan# 2512
Delta R.T. 0.020 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:167 Resp: 2801442
Ion Ratio Lower Upper
167 100
166 29.4 17.8 26.8#
139 17.6 11.1 16.7#

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

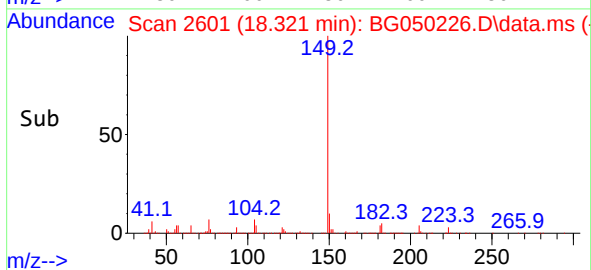
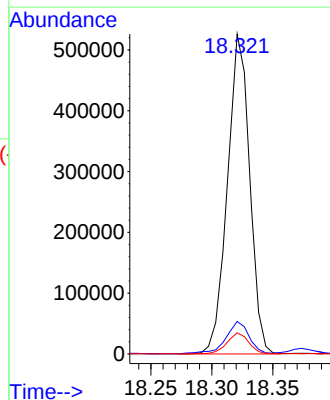
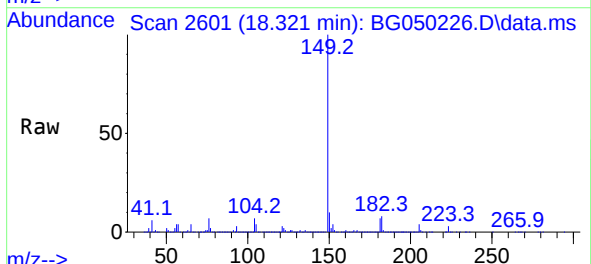
Manual Integrations
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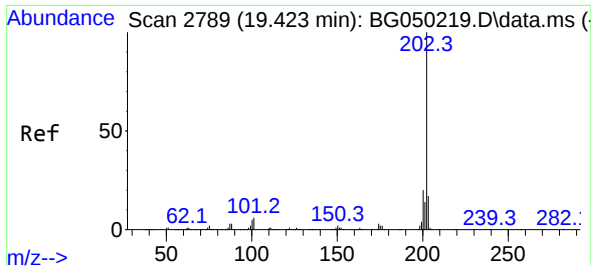
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#78
Di-n-butylphthalate
Concen: 59.741 ng/ul
RT: 18.321 min Scan# 2601
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:149 Resp: 667291
Ion Ratio Lower Upper
149 100
150 10.2 8.1 12.1
104 6.6 5.3 7.9





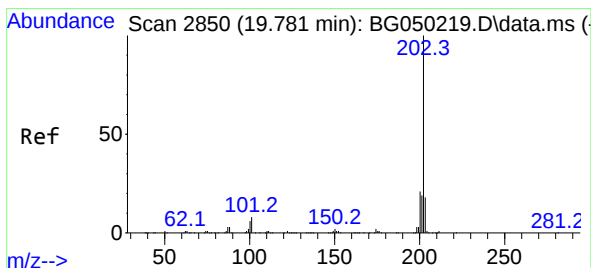
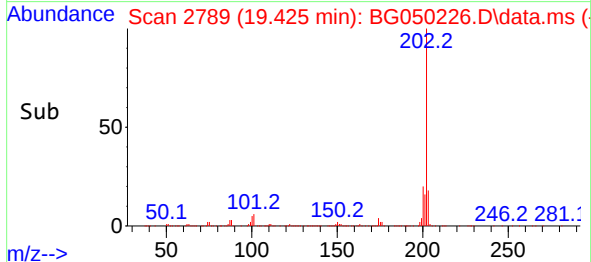
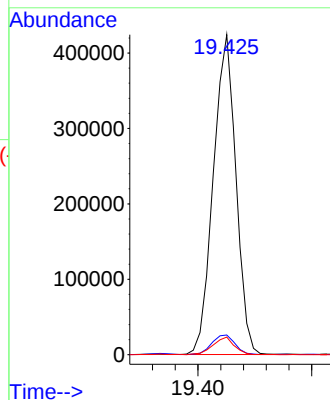
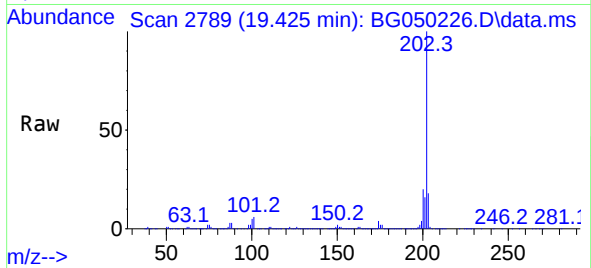
#80
Fluoranthene
Concen: 44.258 ng/u1
RT: 19.425 min Scan# 2789
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:202 Resp: 586520
Ion Ratio Lower Upper
202 100
101 6.2 4.3 6.5
100 5.5 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

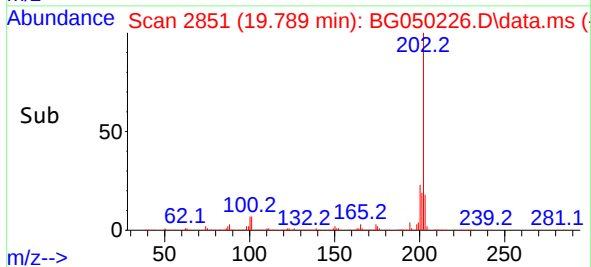
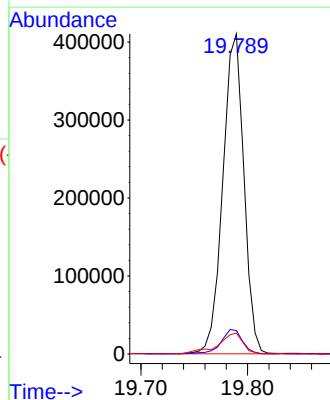
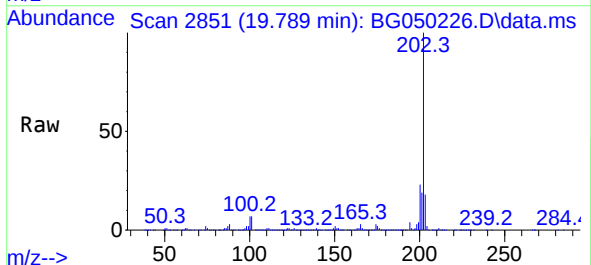
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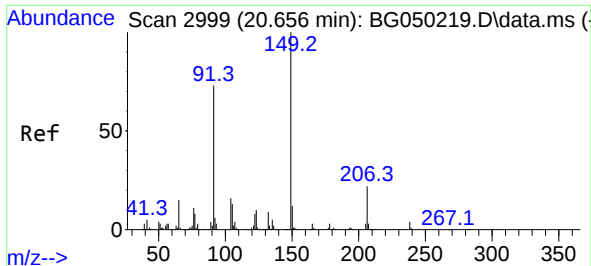
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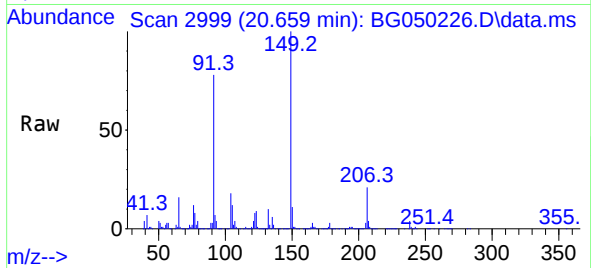
#82
Pyrene
Concen: 43.196 ng/u1
RT: 19.789 min Scan# 2851
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:202 Resp: 561465
Ion Ratio Lower Upper
202 100
101 7.3 5.4 8.0
100 6.5 5.0 7.6

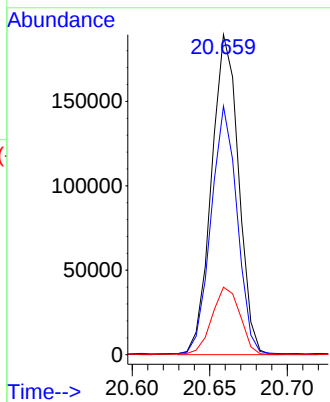
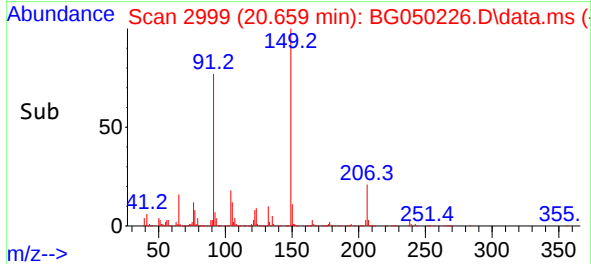




#83
Butylbenzylphthalate
Concen: 46.366 ng/ul
RT: 20.659 min Scan# 2999
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



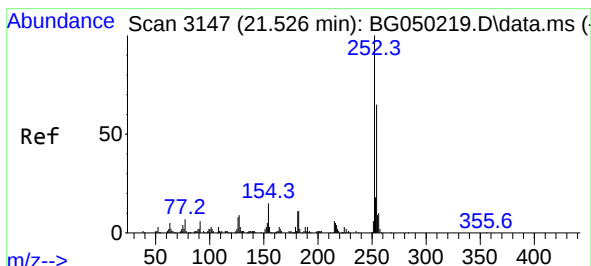
Tgt Ion:149 Resp: 230491
Ion Ratio Lower Upper
149 100
91 77.7 60.6 90.8
206 21.1 16.8 25.2



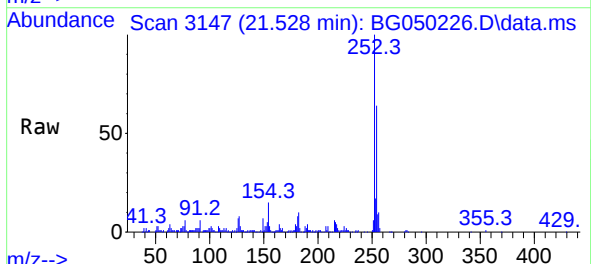
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

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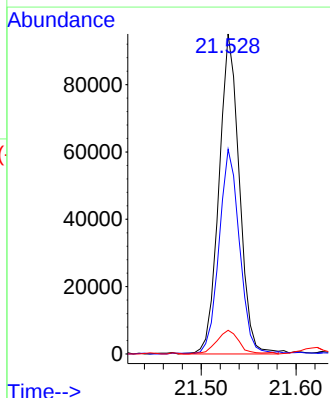
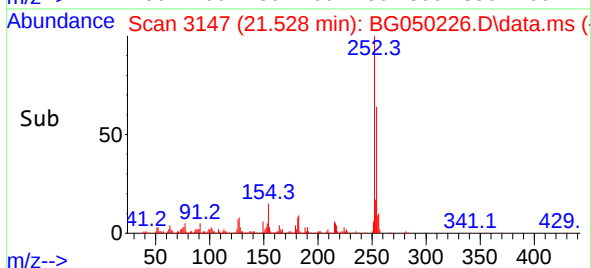
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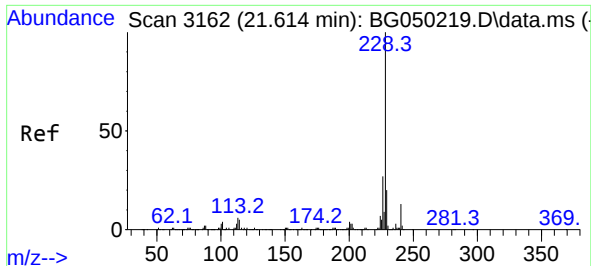


#84
3,3'-Dichlorobenzidine
Concen: 30.749 ng/ul
RT: 21.528 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



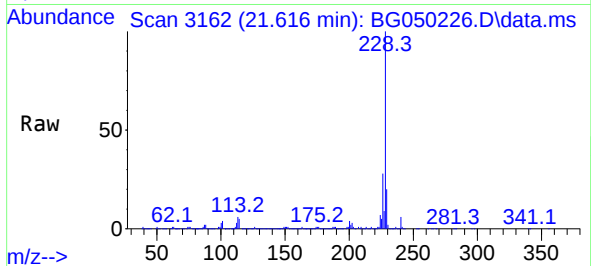
Tgt Ion:252 Resp: 141977
Ion Ratio Lower Upper
252 100
254 63.9 54.2 81.2
126 7.4 5.4 8.0





#85
Benzo(a)anthracene
Concen: 43.738 ng/ul
RT: 21.616 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

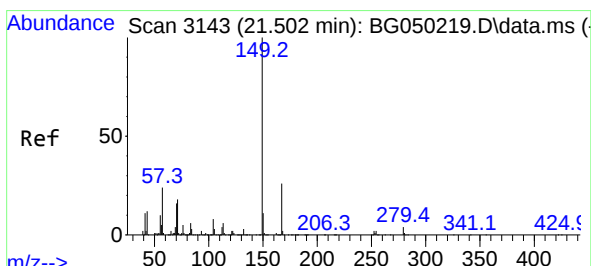
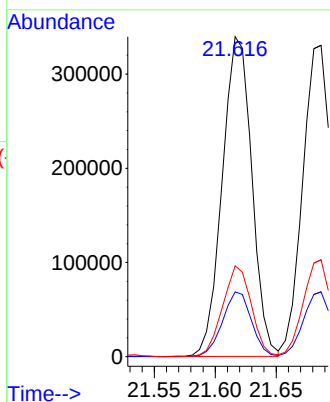
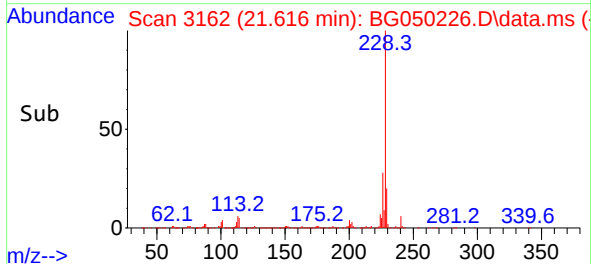
Instrument :
BNA_G
ClientSampleId :
DBKL5MSD



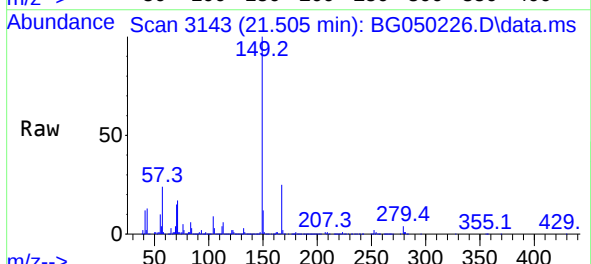
Tgt Ion:228 Resp: 573194
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.4
226 28.4 21.0 31.4

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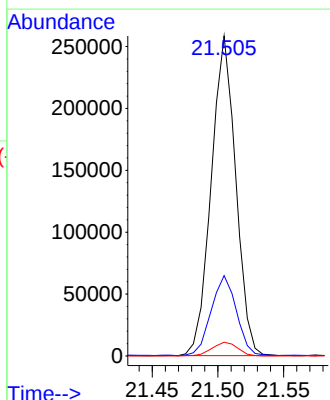
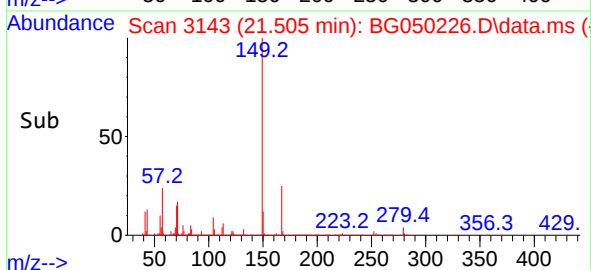
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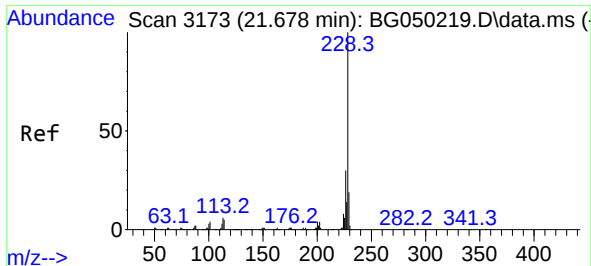


#86
Bis(2-ethylhexyl)phthalate
Concen: 45.145 ng/ul
RT: 21.505 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

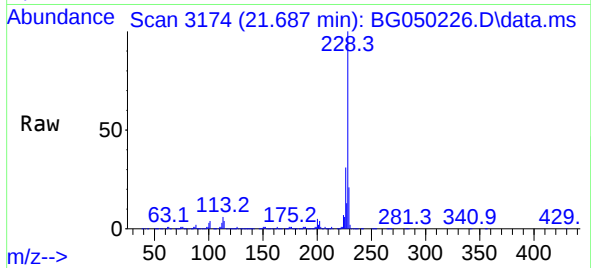


Tgt Ion:149 Resp: 335159
Ion Ratio Lower Upper
149 100
167 25.1 20.4 30.6
279 4.3 3.7 5.5

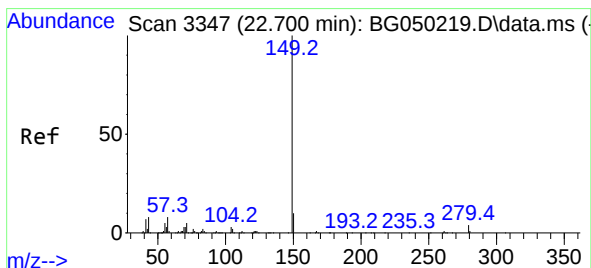
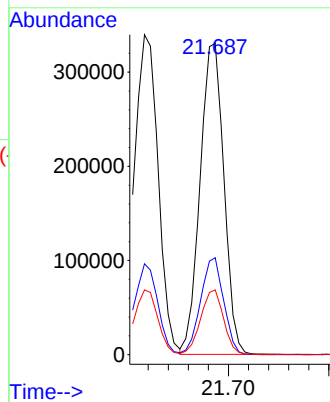
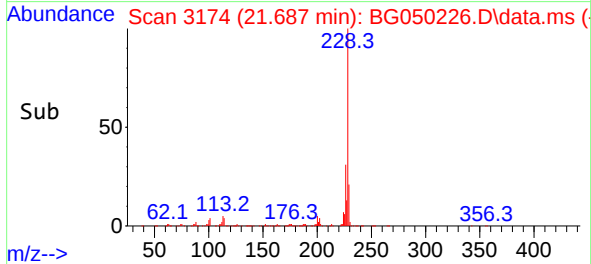




#87
Chrysene
Concen: 44.647 ng/ul
RT: 21.687 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

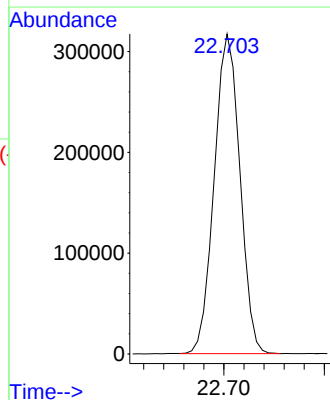
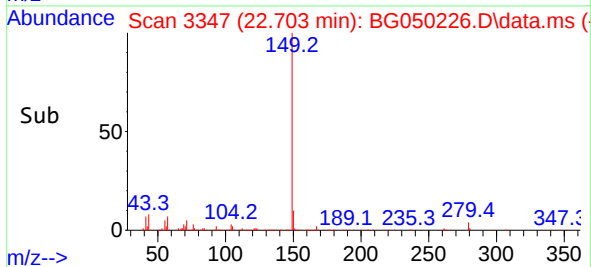
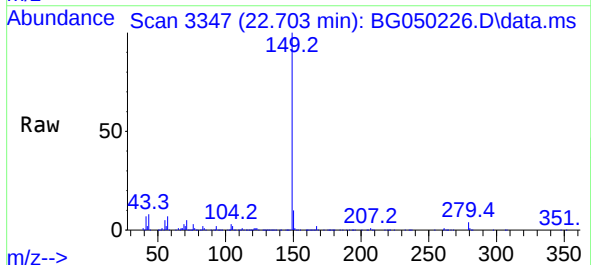


Tgt Ion:228 Resp: 545431
Ion Ratio Lower Upper
228 100
226 31.1 23.0 34.4
229 20.8 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 41.526 ng/ul
RT: 22.703 min Scan# 3347
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

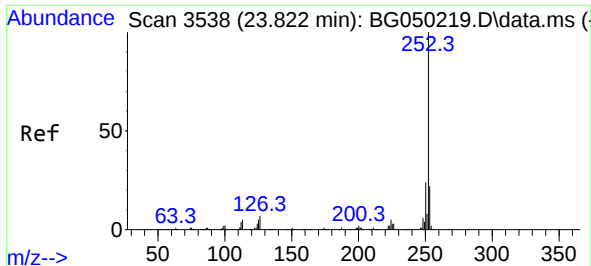
Tgt Ion:149 Resp: 562116



Instrument :
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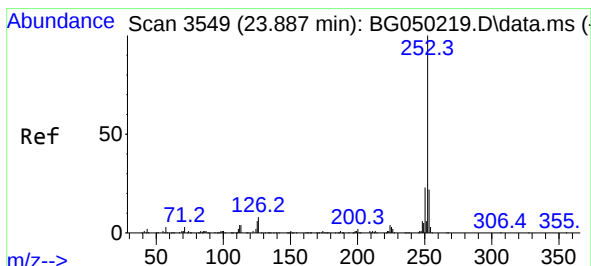
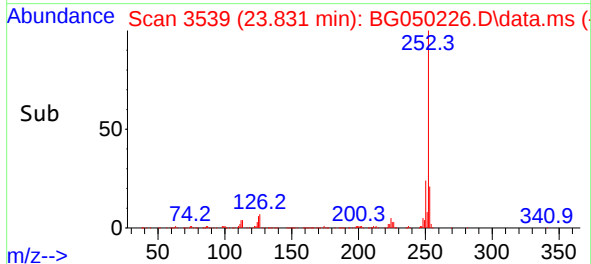
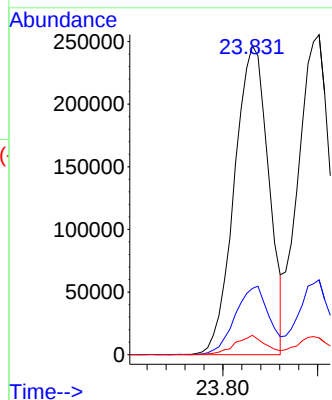
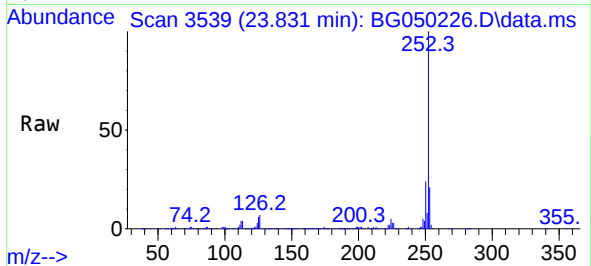
#90
Benzo(b)fluoranthene
Concen: 42.377 ng/ul
RT: 23.831 min Scan# 3539
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:252 Resp: 620284
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 6.3 3.4 5.0#

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

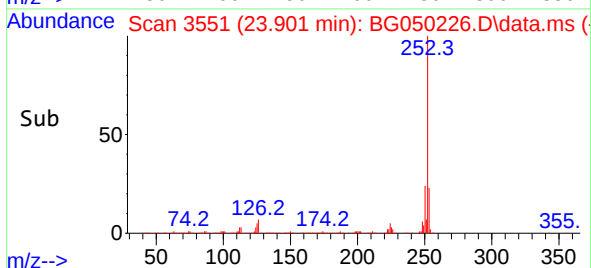
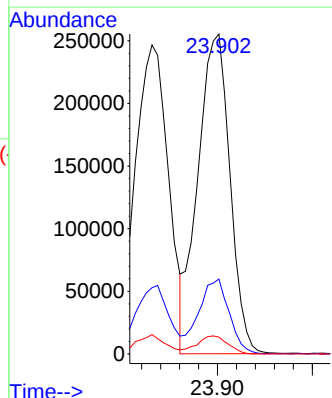
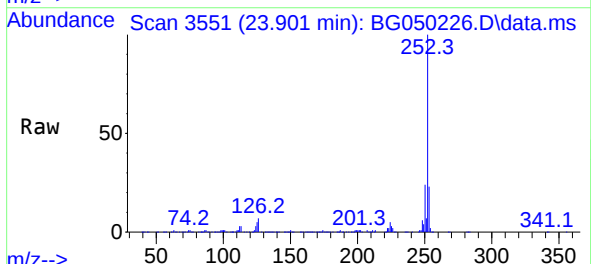
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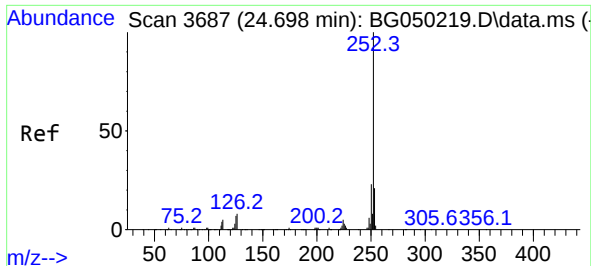
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#91
Benzo(k)fluoranthene
Concen: 43.004 ng/ul
RT: 23.901 min Scan# 3551
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:252 Resp: 600867
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 5.3 4.1 6.1





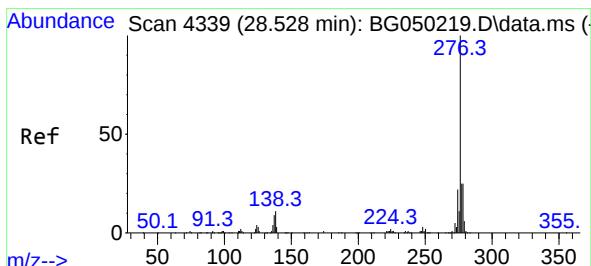
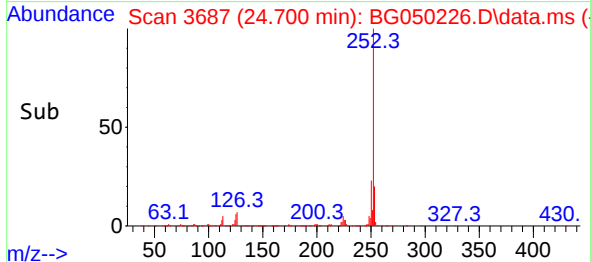
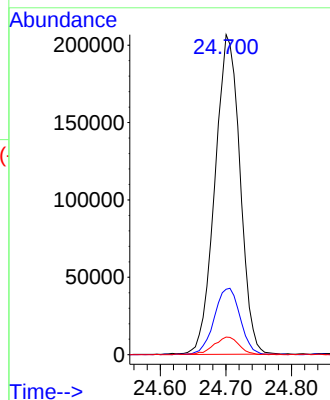
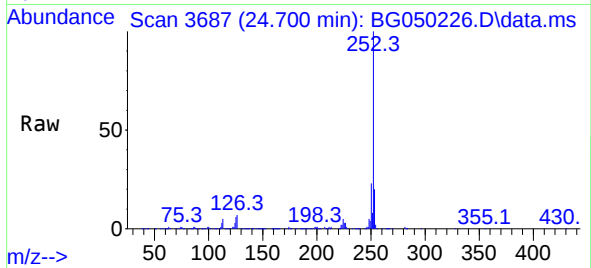
#93
Benzo(a)pyrene
Concen: 42.746 ng/ul
RT: 24.700 min Scan# 3687
Delta R.T. -0.010 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

Tgt Ion:252 Resp: 547008
Ion Ratio Lower Upper
252 100
253 20.5 17.0 25.4
125 5.5 4.4 6.6

Instrument :
BNA_G
ClientSampleId :
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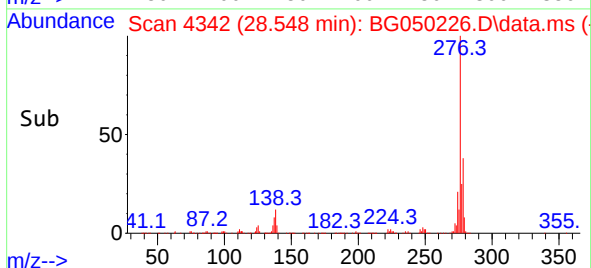
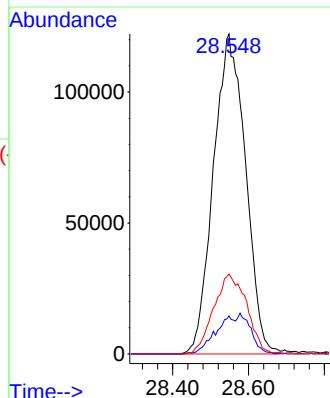
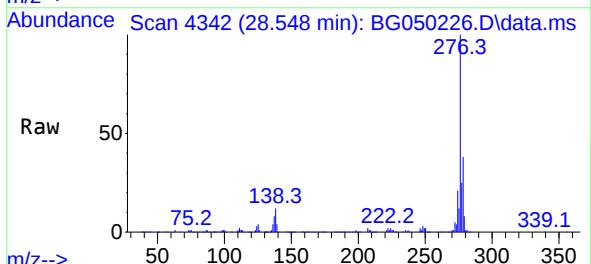
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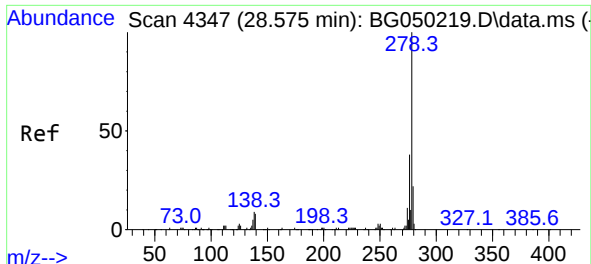
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#94
Indeno(1,2,3-cd)pyrene
Concen: 42.783 ng/ul
RT: 28.548 min Scan# 4342
Delta R.T. 0.002 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

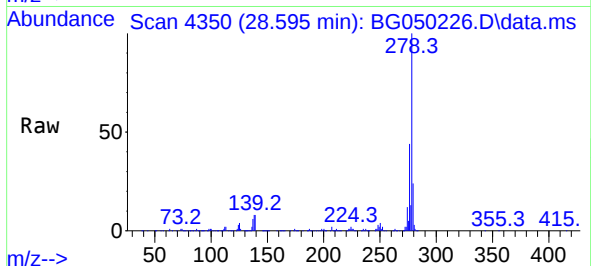
Tgt Ion:276 Resp: 717369
Ion Ratio Lower Upper
276 100
138 11.9 5.5 8.3#
277 25.0 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 43.586 ng/ul
RT: 28.595 min Scan# 4350
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32

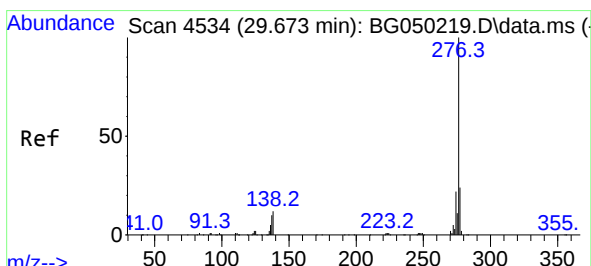
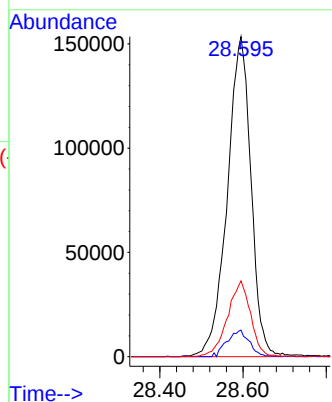
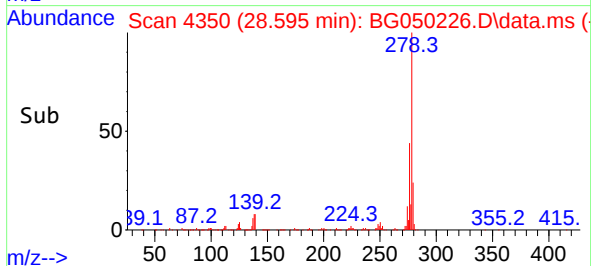
Instrument :
BNA_G
ClientSampleId :
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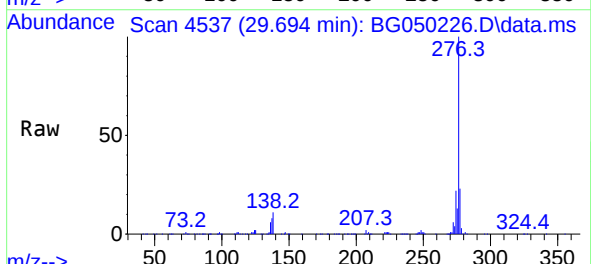
Tgt Ion:278 Resp: 606266
Ion Ratio Lower Upper
278 100
139 8.3 5.2 7.8#
279 23.7 19.0 28.4

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#96
Benzo(g,h,i)perylene
Concen: 43.044 ng/ul
RT: 29.694 min Scan# 4537
Delta R.T. -0.004 min
Lab File: BG050226.D
Acq: 9 Sep 2021 10:32



Tgt Ion:276 Resp: 578273
Ion Ratio Lower Upper
276 100
138 10.6 8.6 13.0
277 22.7 17.4 26.0

