

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050206.D
 Acq On : 8 Sep 2021 20:04
 Operator : CG/JU
 Sample : PB138916BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS916

Manual Integrations
 APPROVED

mohammad
 9/9/2021 11:46:20 AM

Quant Time: Sep 09 00:56:38 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	7.945	152	34616	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.765	136	138192	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.607	164	89614	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	196330	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	202045	20.000	ng/ul	0.00
88) Perylene-d12	24.846	264	205669	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	6258	8.937	ng/uL	0.00
4) Pyridine-d5	3.733	84	98439	39.606	ng/ul	0.00
7) Phenol-d5	7.123	99	130336	48.494	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	61765	39.349	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	71090	31.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	71603	33.883	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	43193	45.537	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	40682	35.272	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.395	165	74903	34.026	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.912	131	90090	33.218	ng/ul	0.00
46) Dimethylphthalate-d6	14.013	166	220795	32.630	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	270376	33.558	ng/ul	0.00
54) 4-Nitrophenol-d4	14.842	143	27212	33.329	ng/ul	-0.01
60) Fluorene-d10	15.605	176	186831	33.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	38854	32.808	ng/ul	0.00
73) Anthracene-d10	17.462	188	290641	32.976	ng/ul	0.00
81) Pyrene-d10	19.753	212	358738	35.646	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.629	264	354921	32.599	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	13287	16.664	ng/uL#	96
5) Pyridine	3.757	79	97091	37.165	ng/ul#	87
6) Benzaldehyde	7.082	77	91910m	61.689	ng/ul	
8) Phenol	7.146	94	118368	44.723	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.364	93	62803	32.004	ng/ul	98
12) 2-Chlorophenol	7.511	128	67232	30.932	ng/ul#	85
13) 2-Methylphenol	8.403	108	66762	31.340	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.474	45	61065	30.834	ng/ul	98
16) Acetophenone	8.779	105	111457	35.848	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.756	70	54464	32.850	ng/ul	93
18) 4-Methylphenol	8.738	108	70580	34.883	ng/ul	84
19) Hexachloroethane	9.032	117	31867	35.148	ng/ul	98
22) Nitrobenzene	9.161	77	89681	36.304	ng/ul	98
23) Isophorone	9.684	82	150454	31.895	ng/ul	96
25) 2-Nitrophenol	9.878	139	39431	34.654	ng/ul#	87
26) 2,4-Dimethylphenol	9.943	107	99150	36.618	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.166	93	81925	28.631	ng/ul	97
29) 2,4-Dichlorophenol	10.424	162	67707	33.627	ng/ul	99
30) Naphthalene	10.818	128	213796	33.686	ng/ul	98
32) 4-Chloroaniline	10.935	127	86075	33.692	ng/ul	88
33) Hexachlorobutadiene	11.094	225	61329	38.427	ng/ul	93
34) Caprolactam	11.705	113	20399m	33.301	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	73884	32.558	ng/ul	98
36) 2-Methylnaphthalene	12.427	142	157620	33.583	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	151543	33.627	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.797	216	88066	29.055	ng/ul#	96
40) Hexachlorocyclopentadiene	12.774	237	12899	15.695	ng/ul	88
41) 2,4,6-Trichlorophenol	13.050	196	53897	31.495	ng/ul	88
42) 2,4,5-Trichlorophenol	13.132	196	54146	30.256	ng/ul	98
43) 1,1'-Biphenyl	13.438	154	200264	30.955	ng/ul	98
44) 2-Chloronaphthalene	13.485	162	158126	31.080	ng/ul	97
45) 2-Nitroaniline	13.696	65	51440	31.937	ng/ul	97
47) Dimethylphthalate	14.055	163	204960	31.735	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	44517	32.373	ng/ul#	86
50) Acenaphthylene	14.331	152	235833	31.319	ng/ul	98
51) 3-Nitroaniline	14.525	138	43090	34.419	ng/ul	97
52) Acenaphthene	14.671	153	170049	31.693	ng/ul	96
53) 2,4-Dinitrophenol	14.754	184	13952	24.773	ng/ul#	81
55) 4-Nitrophenol	14.859	109	29764	32.757	ng/ul	95
56) Dibenzofuran	15.006	168	231061	31.301	ng/ul	95
57) 2,4-Dinitrotoluene	14.989	165	62512	31.812	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.247	232	51893	38.285	ng/ul	95
59) Diethylphthalate	15.423	149	212307	32.524	ng/ul	97
61) Fluorene	15.658	166	197808	31.961	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.647	204	103634	31.449	ng/ul	98
63) 4-Nitroaniline	15.694	138	45020	38.611	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.758	198	32698	31.088	ng/ul#	99
67) N-Nitrosodiphenylamine	15.864	169	168191	31.682	ng/ul	98
68) 4-Bromophenyl-phenylether	16.545	248	76058	32.691	ng/ul	94
69) Hexachlorobenzene	16.675	284	83651	31.712	ng/ul	94
70) Atrazine	16.816	200	74893	33.646	ng/ul	97
71) Pentachlorophenol	17.027	266	17400	24.081	ng/ul	96
72) Phenanthrene	17.409	178	321573	32.115	ng/ul	99
74) Anthracene	17.497	178	320403	31.556	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.408	216	94153	30.945	ng/uL	90
76) Pentachlorobenzene	14.930	250	93027	29.612	ng/uL	100
77) Carbazole	17.773	167	286481	32.004	ng/ul	99
78) Di-n-butylphthalate	18.314	149	358831	33.148	ng/ul	99
80) Fluoranthene	19.418	202	417278	33.360	ng/ul	97
82) Pyrene	19.782	202	407670	33.229	ng/ul	99
83) Butylbenzylphthalate	20.657	149	158957	33.878	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.527	252	149967	34.411	ng/ul	95
85) Benzo(a)anthracene	21.615	228	397816	32.161	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.503	149	221108	31.554	ng/ul	100
87) Chrysene	21.680	228	378550	32.830	ng/ul	96
89) Di-n-octyl phthalate	22.702	149	377937	31.751	ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	425585	33.065	ng/ul#	99
91) Benzo(k)fluoranthene	23.894	252	396104	32.239	ng/ul	98
93) Benzo(a)pyrene	24.699	252	364576	32.399	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.535	276	470070	31.881	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.582	278	387625	31.691	ng/ul	98
96) Benzo(g,h,i)perylene	29.675	276	375105	31.753	ng/ul	97

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

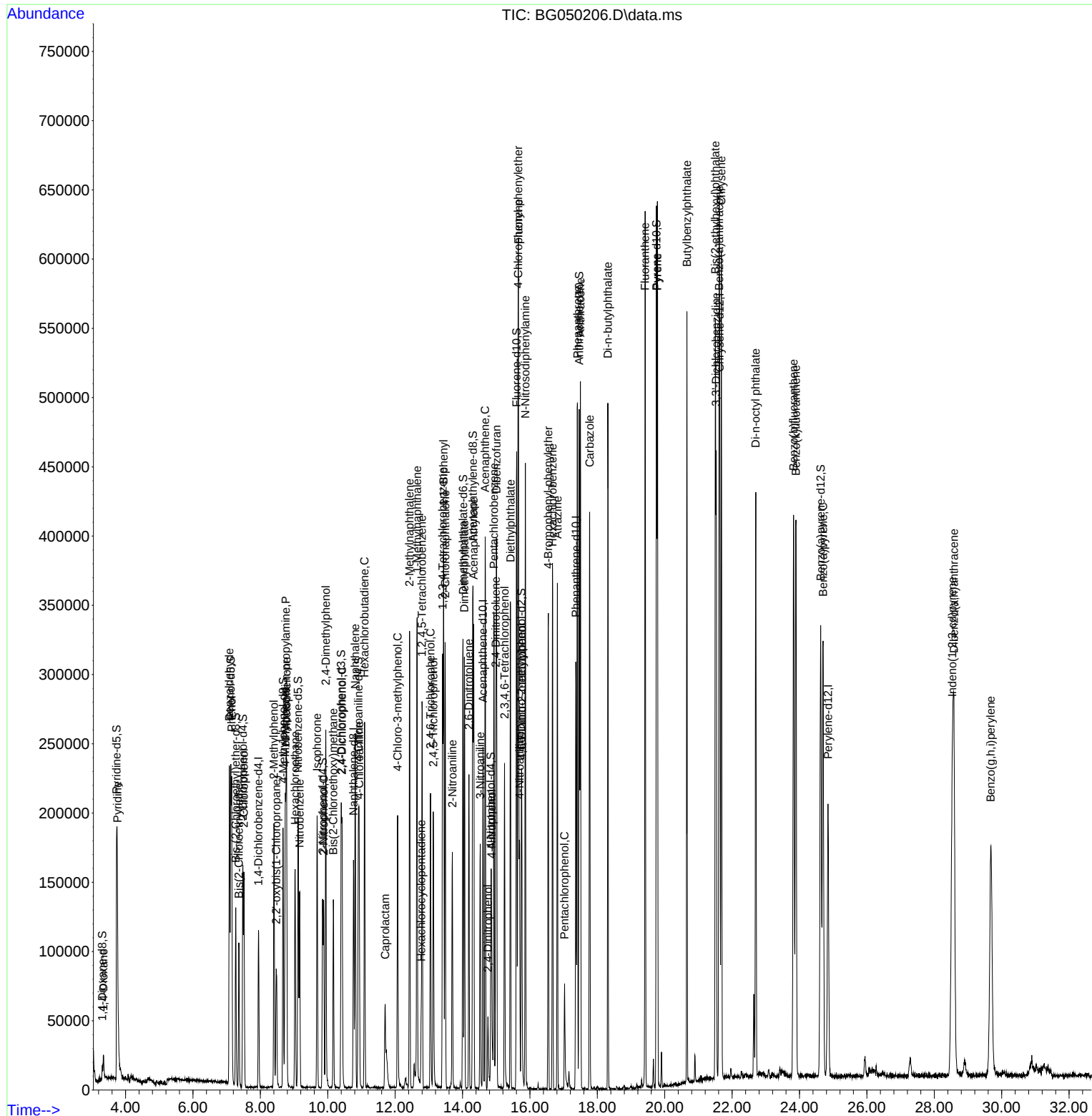
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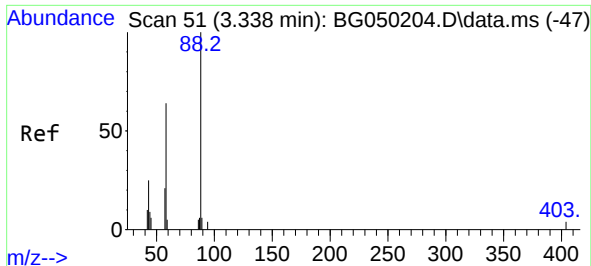
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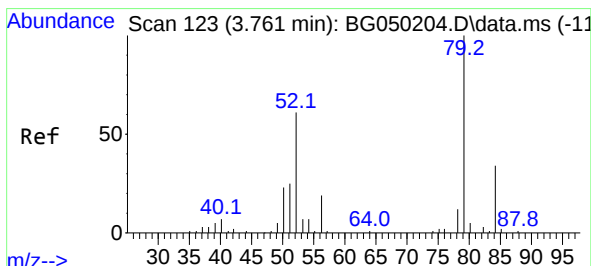
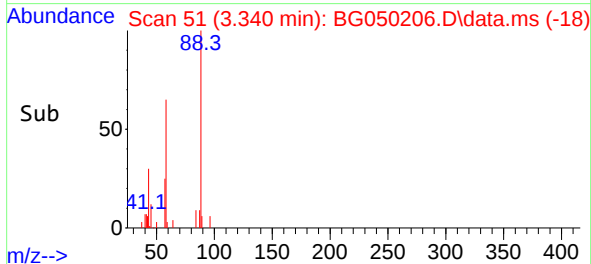
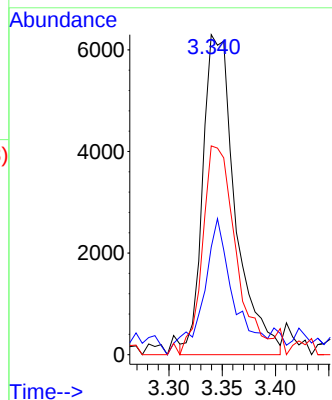
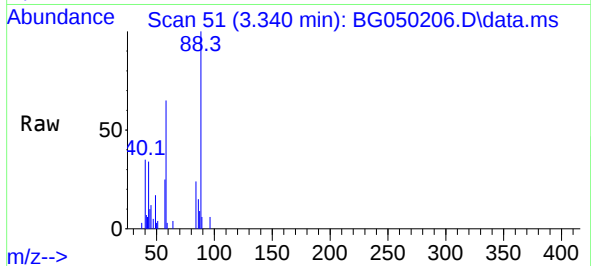
#2
1,4-Dioxane
Concen: 16.664 ng/uL
RT: 3.340 min Scan# 51
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion: 88 Resp: 13287
Ion Ratio Lower Upper
88 100
43 33.6 21.6 32.4#
58 65.2 52.0 78.0

Instrument :
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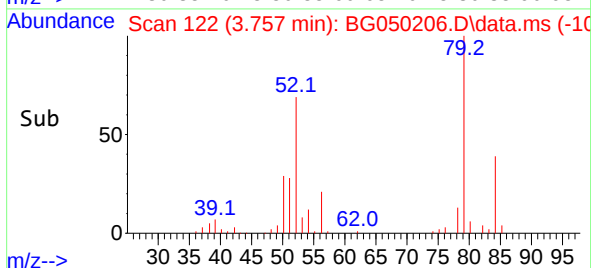
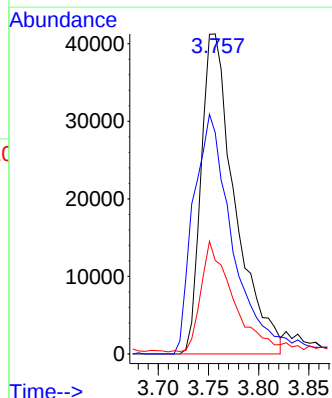
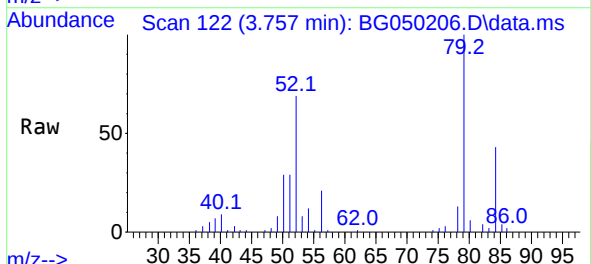
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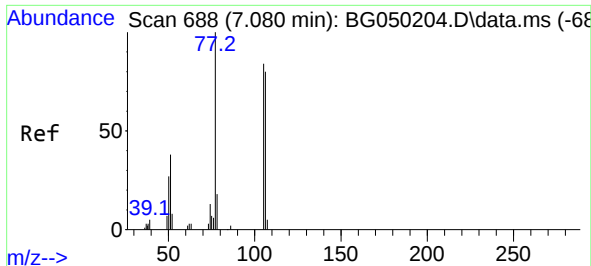
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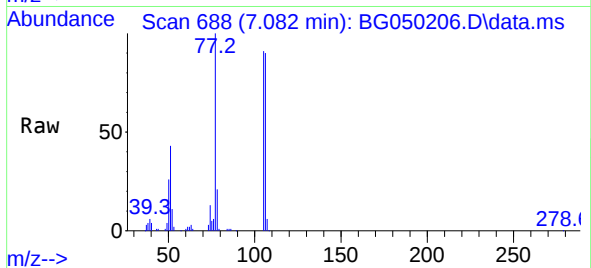
#5
Pyridine
Concen: 37.165 ng/uL
RT: 3.757 min Scan# 122
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion: 79 Resp: 97091
Ion Ratio Lower Upper
79 100
52 69.1 61.1 91.7
51 29.2 34.8 52.2#

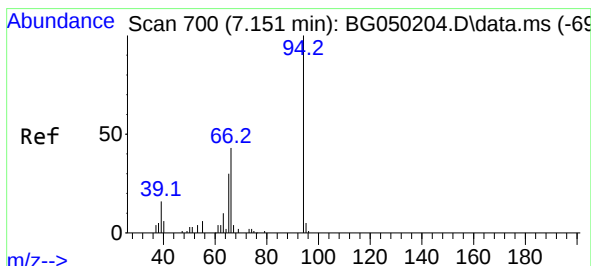
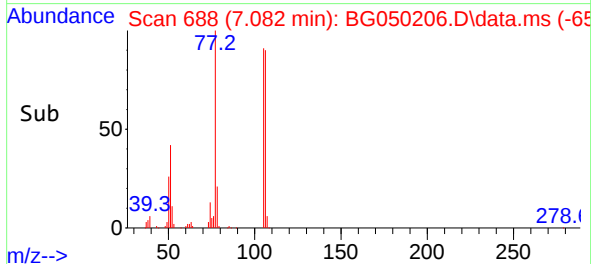
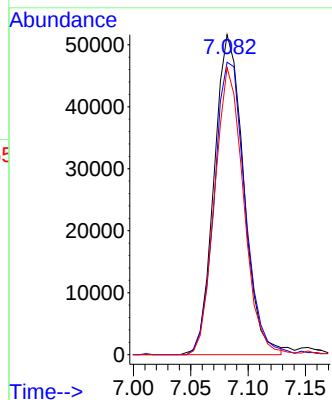




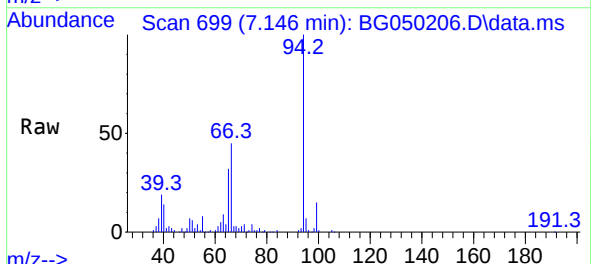
#6
Benzaldehyde
Concen: 61.689 ng/ul m
RT: 7.082 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



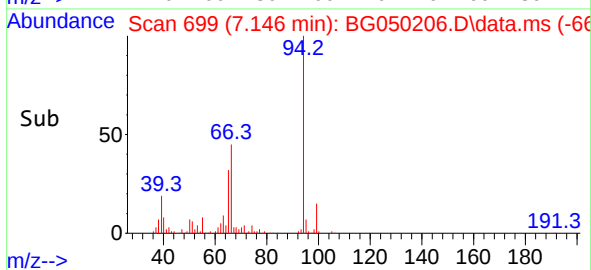
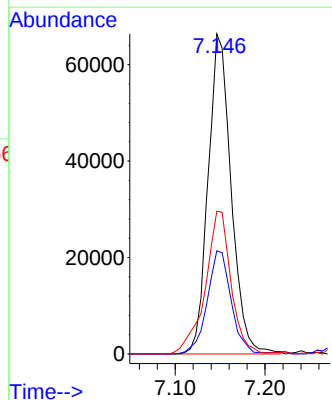
Tgt Ion:	77	Resp:	91910
Ion	Ratio	Lower	Upper
77	100		
105	91.4	72.3	108.5
106	89.7	72.3	108.5



#8
Phenol
Concen: 44.723 ng/ul
RT: 7.146 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



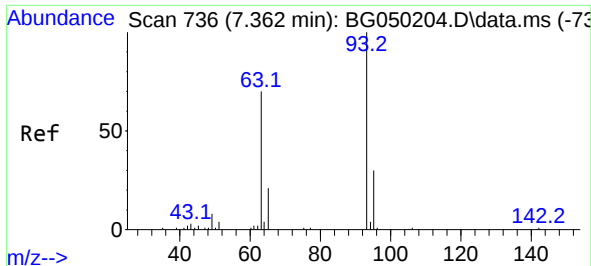
Tgt Ion:	94	Resp:	118368
Ion	Ratio	Lower	Upper
94	100		
65	32.3	27.7	41.5
66	44.6	39.0	58.4



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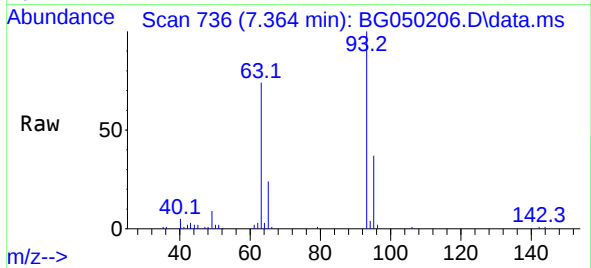
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#10
Bis(2-Chloroethyl)ether
Concen: 32.004 ng/ul
RT: 7.364 min Scan# 736
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

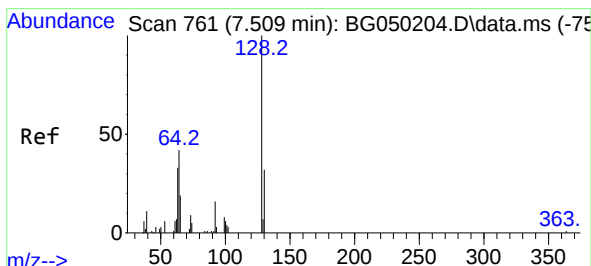
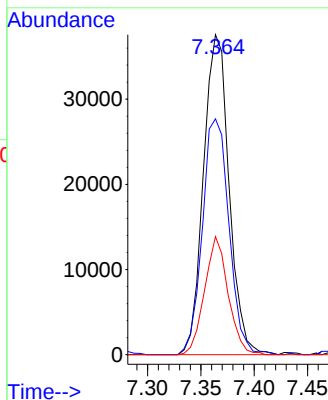
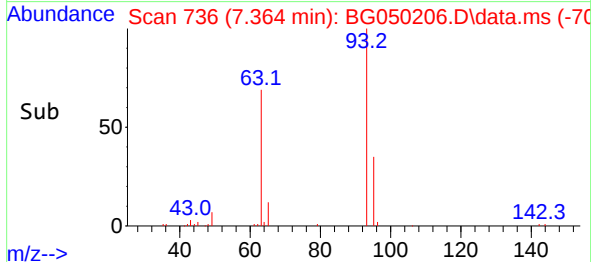
Instrument :
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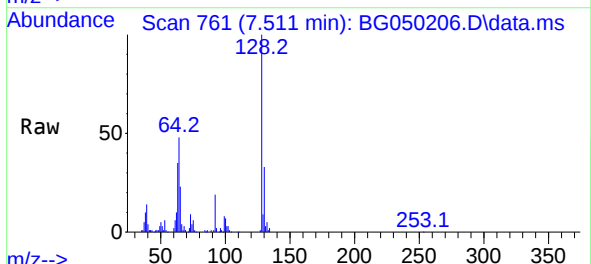
Tgt Ion: 93 Resp: 62803
Ion Ratio Lower Upper
93 100
63 73.7 59.9 89.9
95 36.9 27.6 41.4

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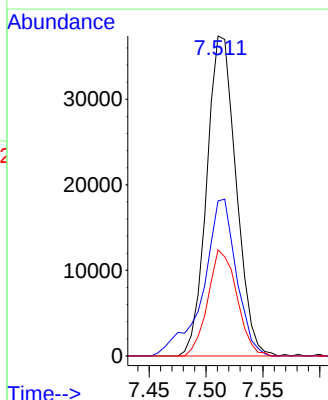
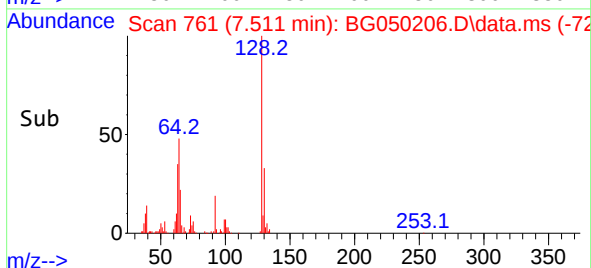
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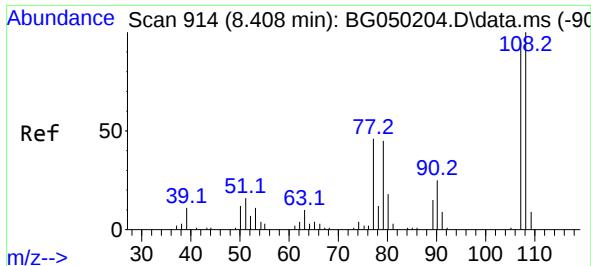


#12
2-Chlorophenol
Concen: 30.932 ng/ul
RT: 7.511 min Scan# 761
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



Tgt Ion: 128 Resp: 67232
Ion Ratio Lower Upper
128 100
64 48.5 28.0 42.0#
130 33.1 24.4 36.6





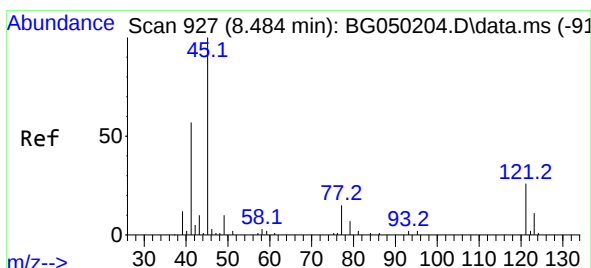
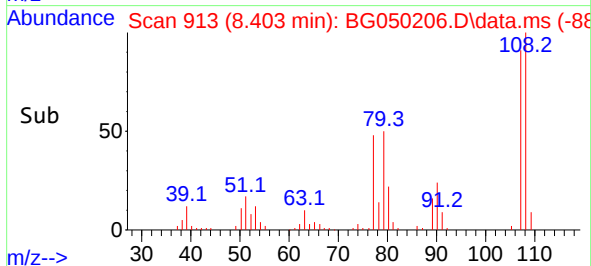
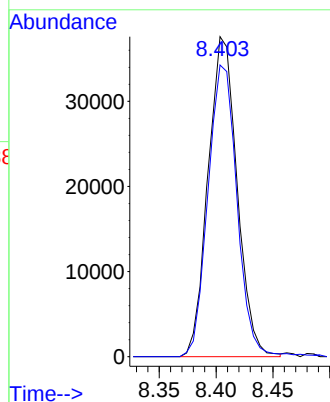
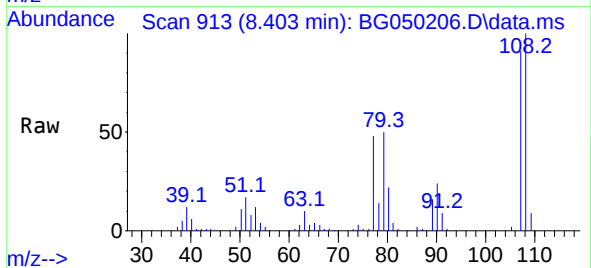
#13
2-Methylphenol
Concen: 31.340 ng/ul
RT: 8.403 min Scan# 913
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion:108 Resp: 66762
Ion Ratio Lower Upper
108 100
107 91.1 71.0 106.4

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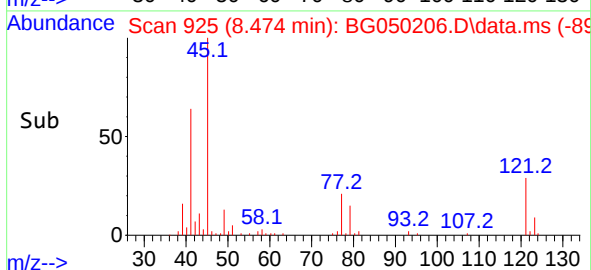
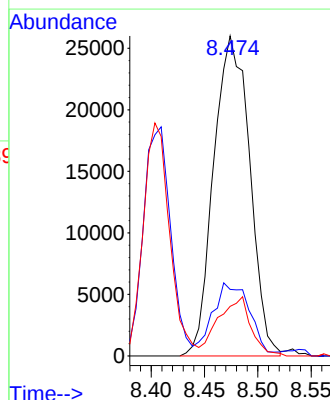
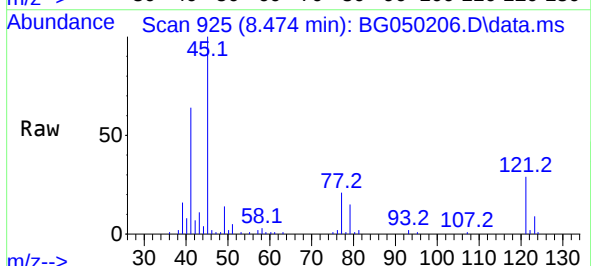
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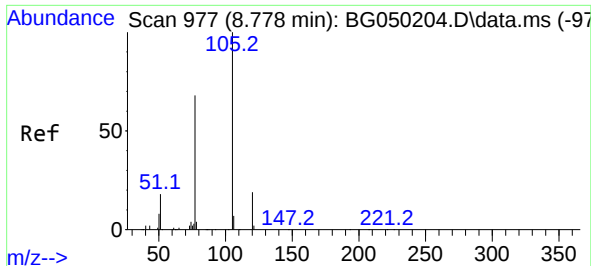
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.834 ng/ul
RT: 8.474 min Scan# 925
Delta R.T. 0.000 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

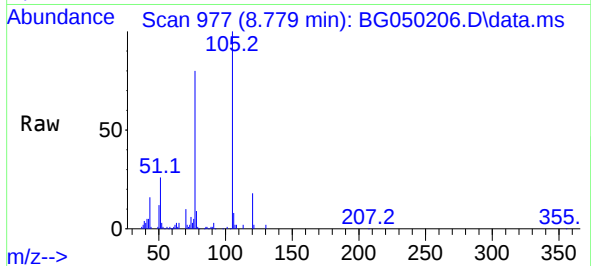
Tgt Ion: 45 Resp: 61065
Ion Ratio Lower Upper
45 100
77 20.8 16.9 25.3
79 15.5 11.0 16.4





#16
Acetophenone
Concen: 35.848 ng/ul
RT: 8.779 min Scan# 977
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

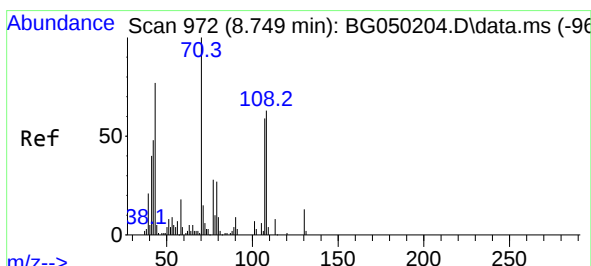
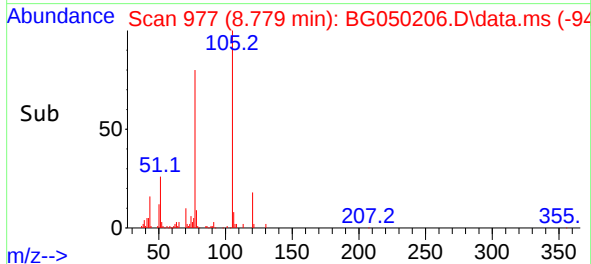
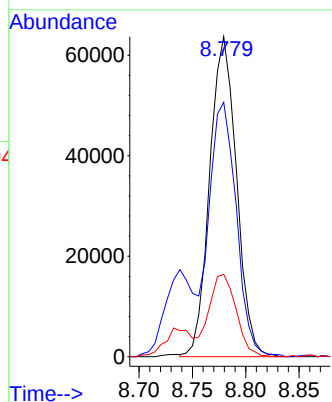
Instrument :
BNA_G
ClientSampled :
SLCS916



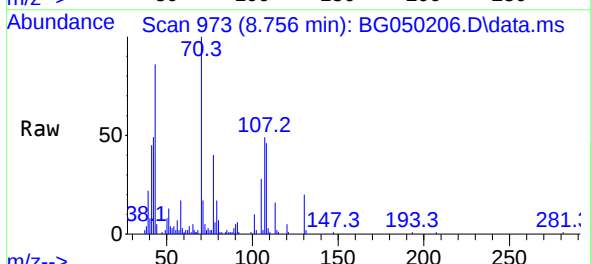
Tgt Ion:105 Resp: 111457
Ion Ratio Lower Upper
105 100
77 79.5 67.7 101.5
51 25.7 25.3 37.9

Manual Integrations
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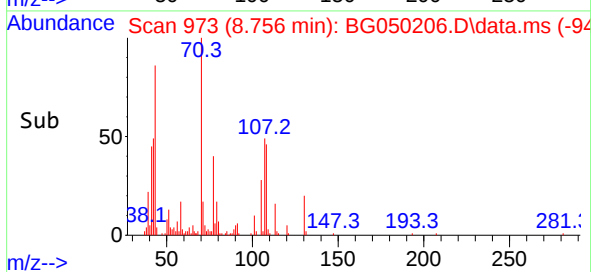
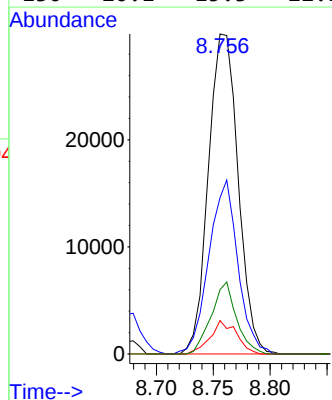
mohammad
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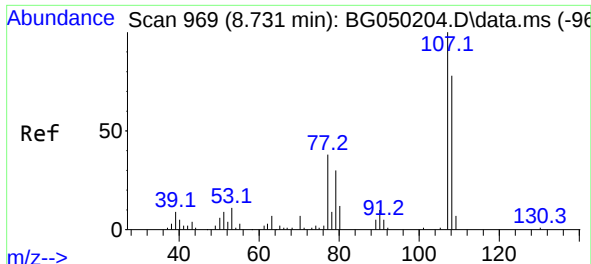


#17
N-Nitroso-di-n-propylamine
Concen: 32.850 ng/ul
RT: 8.756 min Scan# 973
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



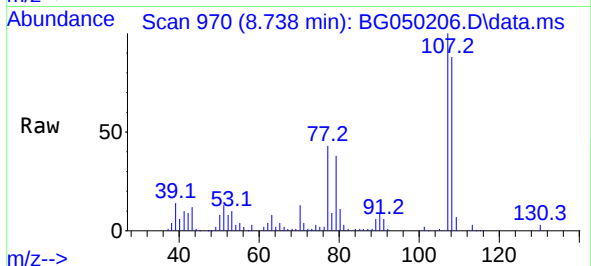
Tgt Ion: 70 Resp: 54464
Ion Ratio Lower Upper
70 100
42 48.9 44.2 66.4
101 10.5 7.8 11.8
130 20.1 15.3 22.9





#18
4-Methylphenol
Concen: 34.883 ng/ul
RT: 8.738 min Scan# 970
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

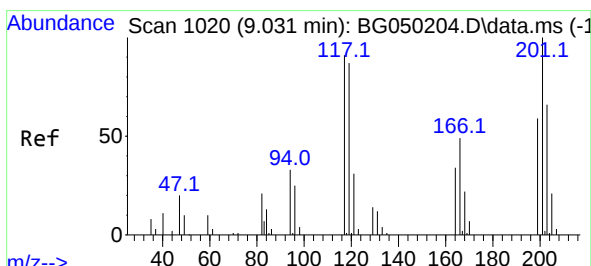
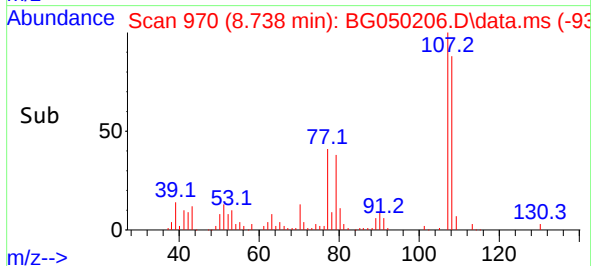
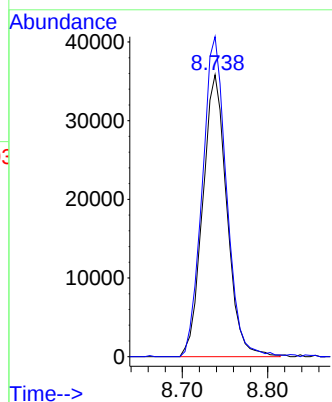
Instrument :
BNA_G
ClientSampled :
SLCS916



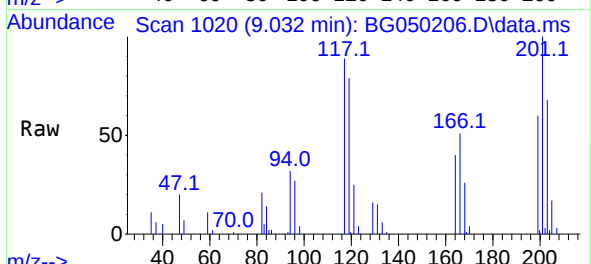
Tgt Ion:108 Resp: 70580
Ion Ratio Lower Upper
108 100
107 113.5 78.3 117.5

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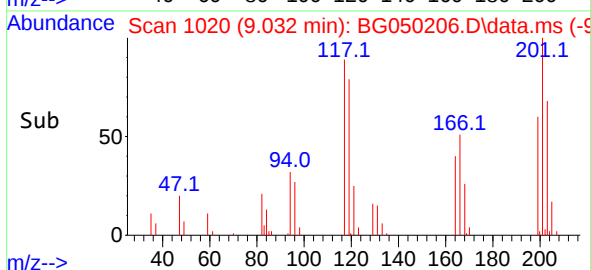
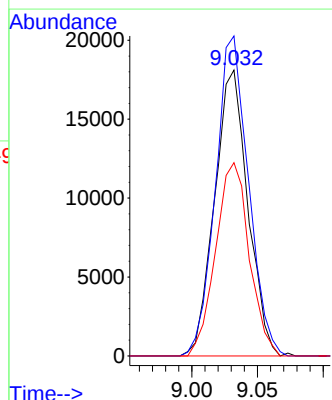
mohammad
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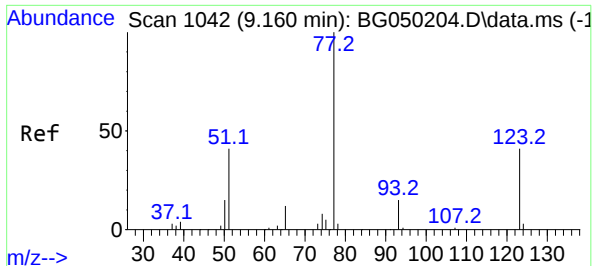


#19
Hexachloroethane
Concen: 35.148 ng/ul
RT: 9.032 min Scan# 1020
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



Tgt Ion:117 Resp: 31867
Ion Ratio Lower Upper
117 100
201 111.9 89.3 133.9
199 67.6 50.5 75.7





#22

Nitrobenzene

Concen: 36.304 ng/ul

RT: 9.161 min Scan# 1042

Delta R.T. -0.011 min

Lab File: BG050206.D

Acq: 8 Sep 2021 20:04

Tgt Ion:	77	Resp:	89681
Ion	Ratio	Lower	Upper
77	100		
123	36.3	30.4	45.6
65	14.1	11.3	16.9

Instrument :

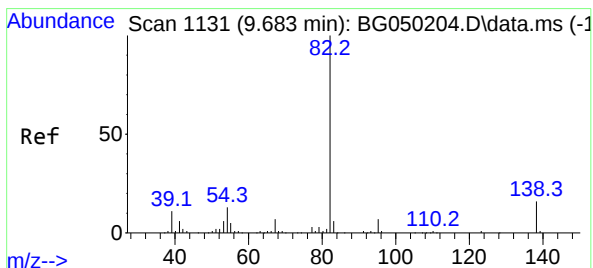
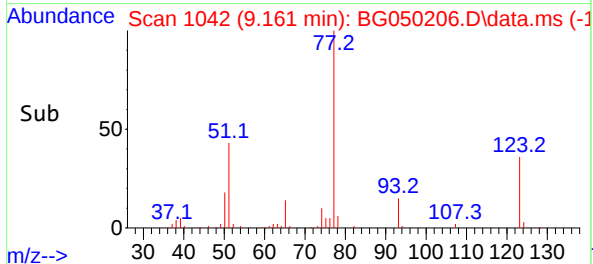
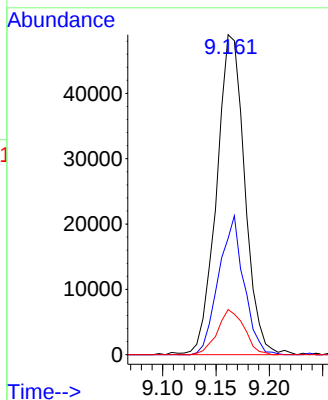
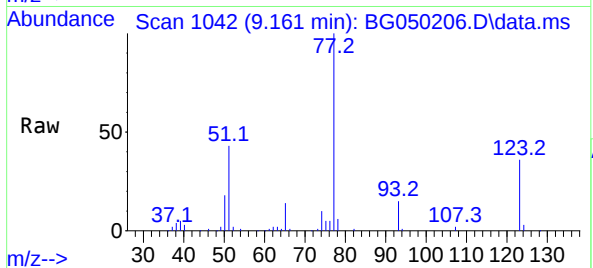
BNA_G

ClientSampleId :

SLCS916

Manual Integrations
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#23

Isophorone

Concen: 31.895 ng/ul

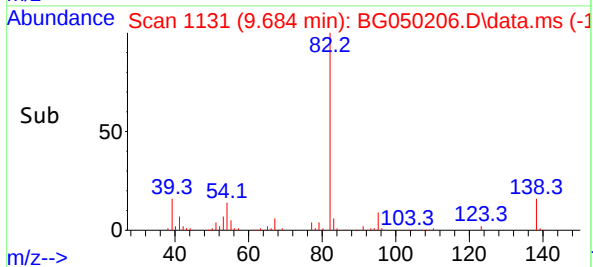
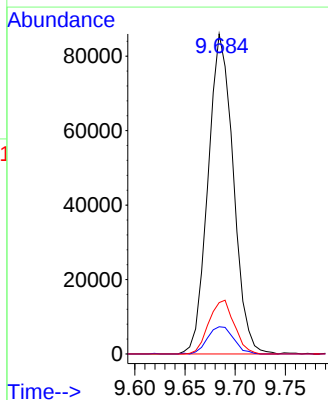
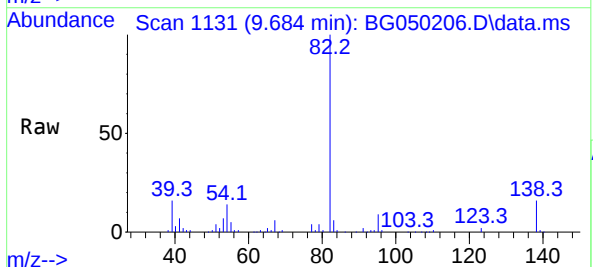
RT: 9.684 min Scan# 1131

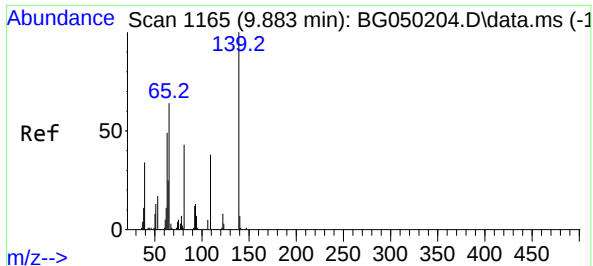
Delta R.T. -0.005 min

Lab File: BG050206.D

Acq: 8 Sep 2021 20:04

Tgt Ion:	82	Resp:	150454
Ion	Ratio	Lower	Upper
82	100		
95	8.5	7.8	11.8
138	16.1	11.4	17.0





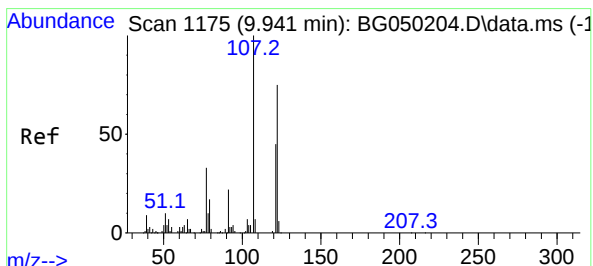
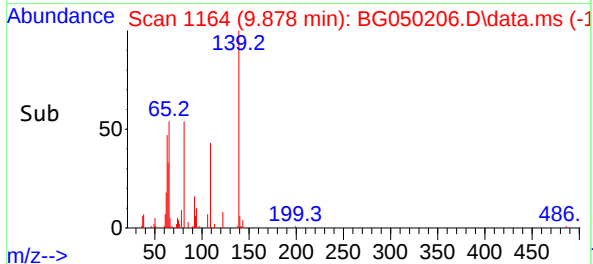
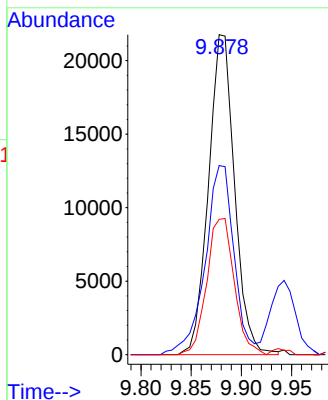
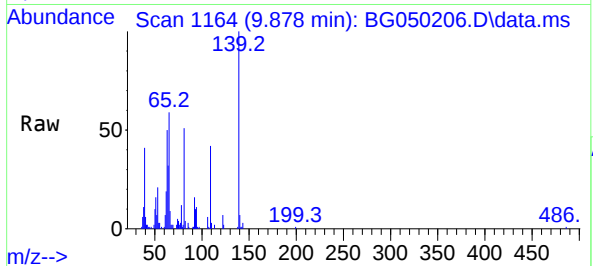
#25
2-Nitrophenol
Concen: 34.654 ng/ul
RT: 9.878 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion:139 Resp: 39431
Ion Ratio Lower Upper
139 100
65 59.1 53.1 79.7
109 42.3 44.1 66.1#

Instrument :
BNA_G
ClientSampled :
SLCS916

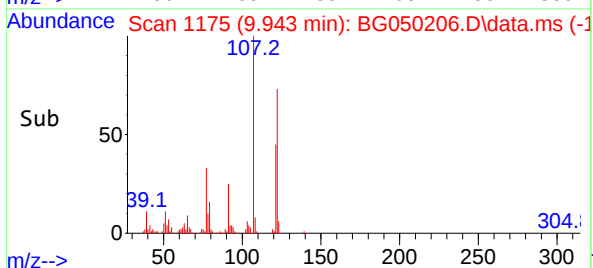
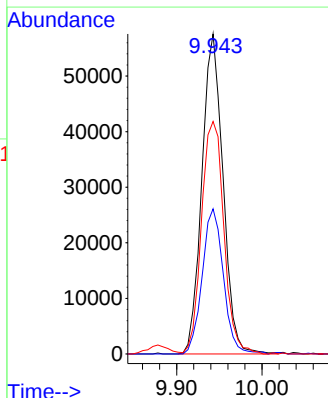
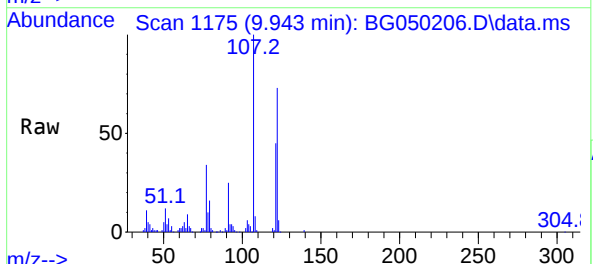
Manual Integrations
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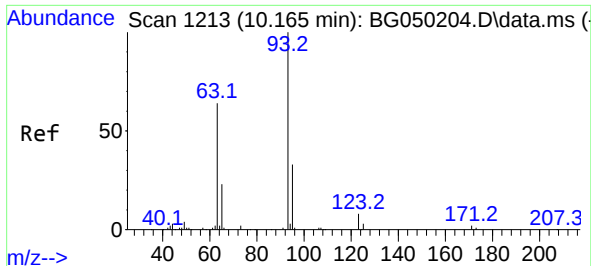
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#26
2,4-Dimethylphenol
Concen: 36.618 ng/ul
RT: 9.943 min Scan# 1175
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

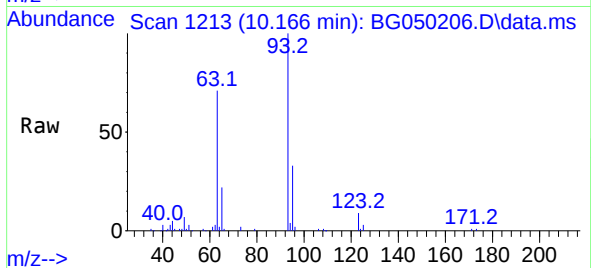
Tgt Ion:107 Resp: 99150
Ion Ratio Lower Upper
107 100
121 45.4 32.7 49.1
122 72.7 52.6 79.0





#27
Bis(2-Chloroethoxy)methane
Concen: 28.631 ng/ul
RT: 10.166 min Scan# 1213
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

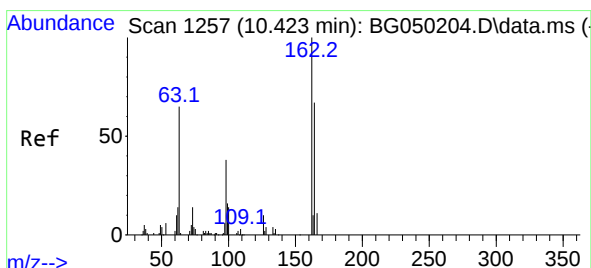
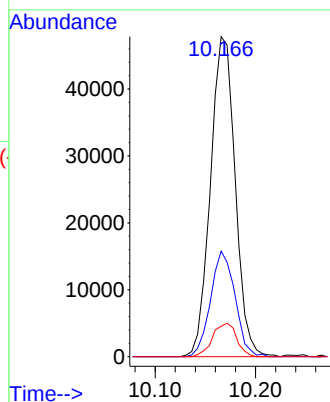
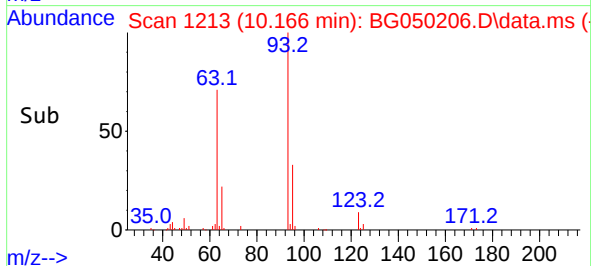
Instrument :
BNA_G
ClientSampled :
SLCS916



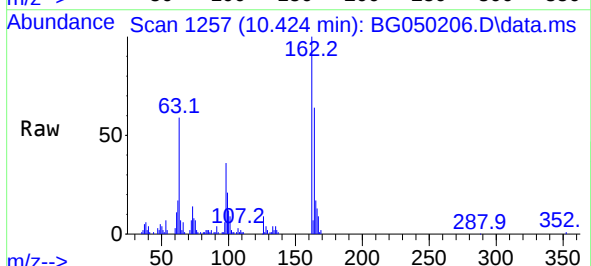
Tgt Ion: 93 Resp: 81925
Ion Ratio Lower Upper
93 100
95 33.0 24.8 37.2
123 9.5 8.2 12.2

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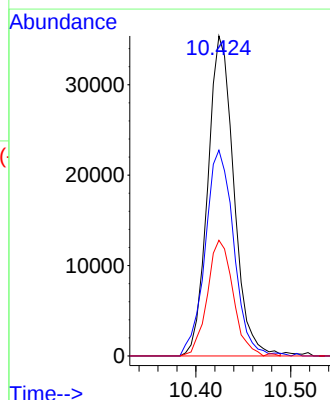
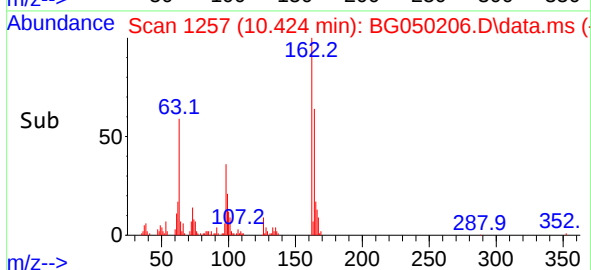
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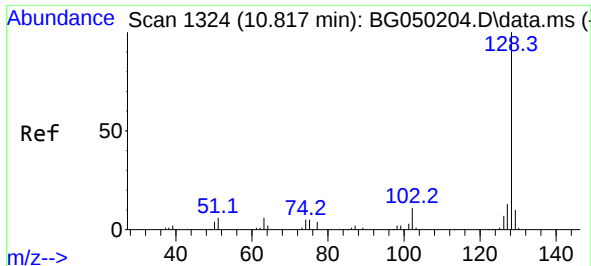


#29
2,4-Dichlorophenol
Concen: 33.627 ng/ul
RT: 10.424 min Scan# 1257
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

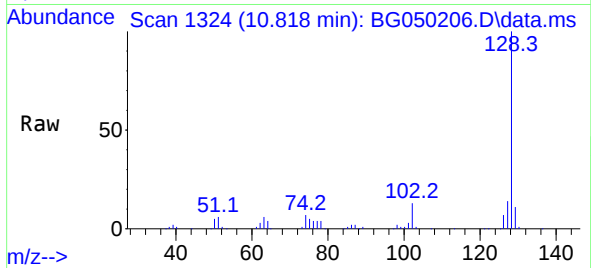


Tgt Ion: 162 Resp: 67707
Ion Ratio Lower Upper
162 100
164 64.3 51.0 76.6
98 36.2 27.8 41.8

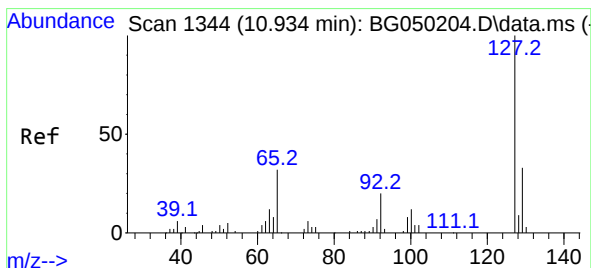
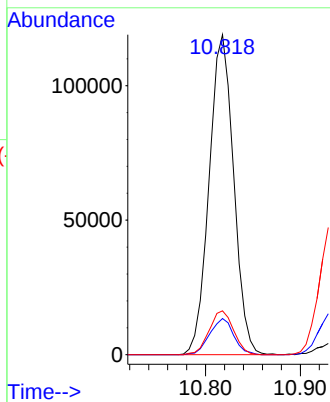
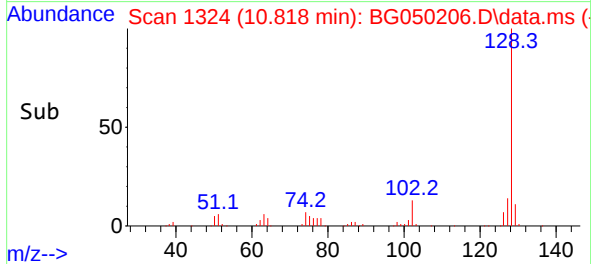




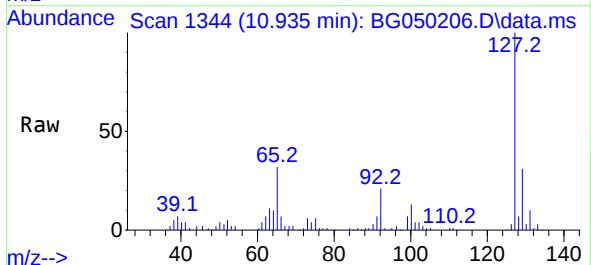
#30
Naphthalene
Concen: 33.686 ng/ul
RT: 10.818 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



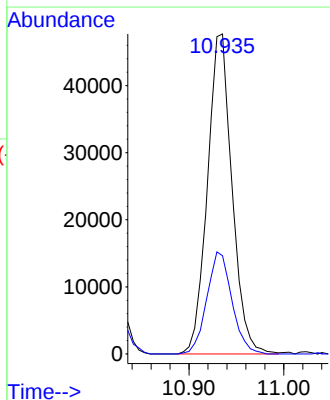
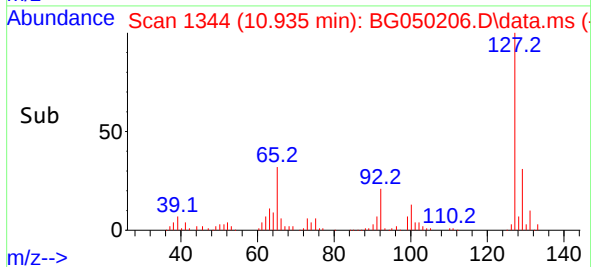
Tgt Ion:128 Resp: 213796
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.7 9.8 14.6



#32
4-Chloroaniline
Concen: 33.692 ng/ul
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



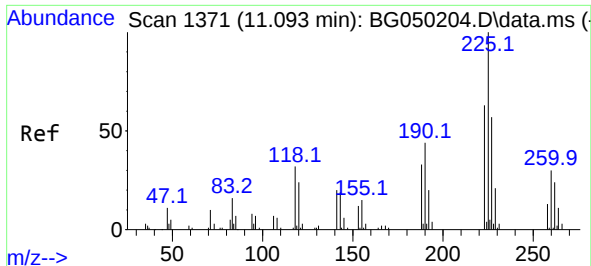
Tgt Ion:127 Resp: 86075
Ion Ratio Lower Upper
127 100
129 30.7 30.3 45.5



Instrument :
BNA_G
ClientSampled :
SLCS916

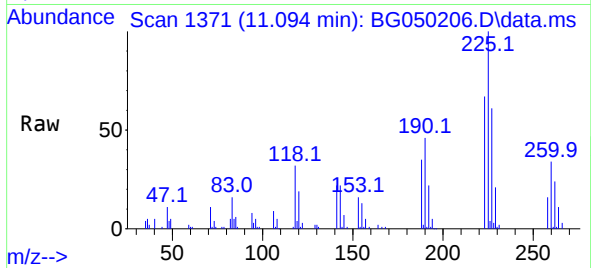
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#33
Hexachlorobutadiene
Concen: 38.427 ng/ul
RT: 11.094 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

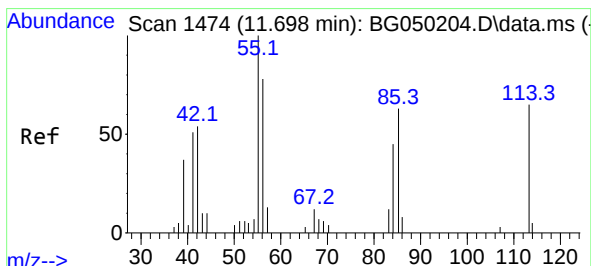
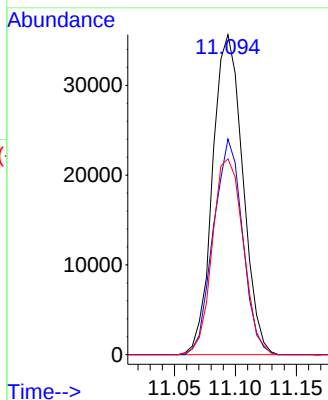
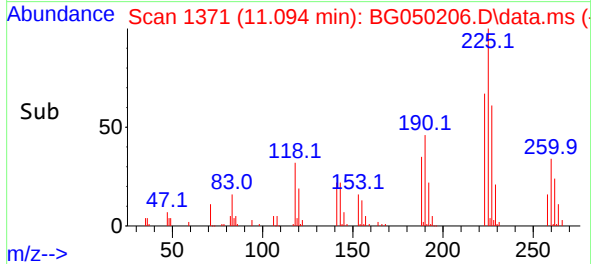
Instrument :
BNA_G
ClientSampled :
SLCS916



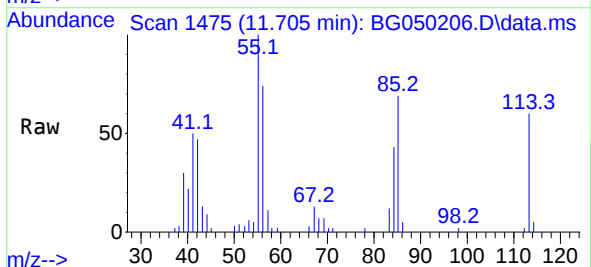
Tgt Ion:225 Resp: 61329
Ion Ratio Lower Upper
225 100
223 67.4 51.3 76.9
227 61.2 55.1 82.7

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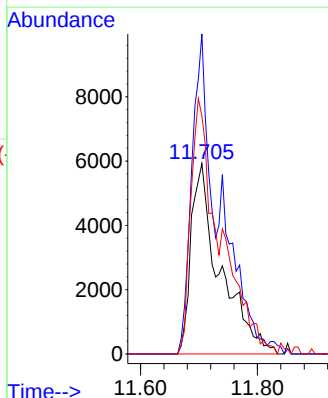
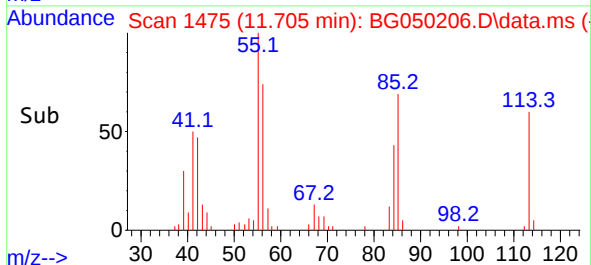
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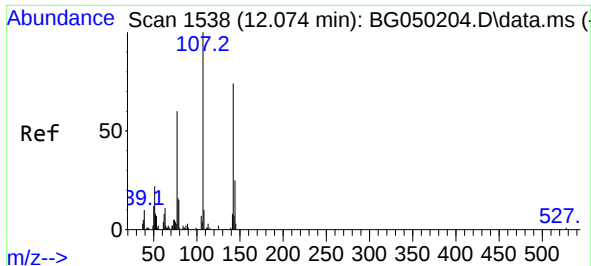


#34
Caprolactam
Concen: 33.301 ng/ul m
RT: 11.705 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



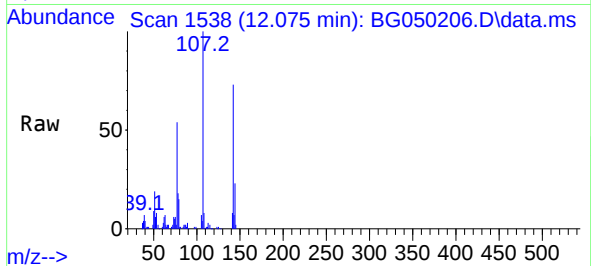
Tgt Ion:113 Resp: 20399
Ion Ratio Lower Upper
113 100
55 168.0 114.0 171.0
56 125.0 107.4 161.0





#35
4-Chloro-3-methylphenol
Concen: 32.558 ng/ul
RT: 12.075 min Scan# 1538
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

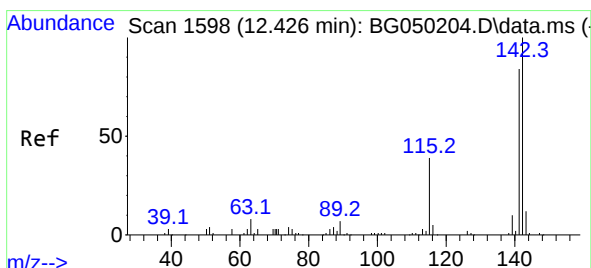
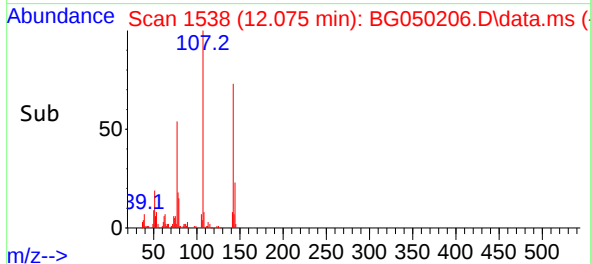
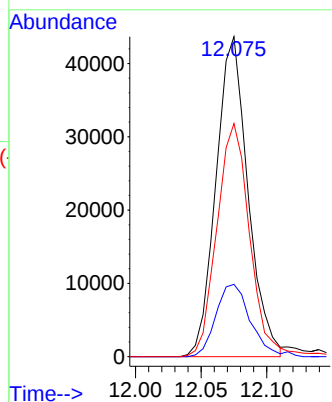
Instrument :
BNA_G
ClientSampled :
SLCS916



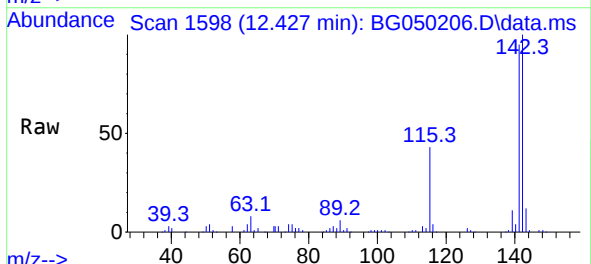
Tgt Ion:107 Resp: 73884
Ion Ratio Lower Upper
107 100
144 22.6 18.9 28.3
142 72.8 59.2 88.8

Manual Integrations
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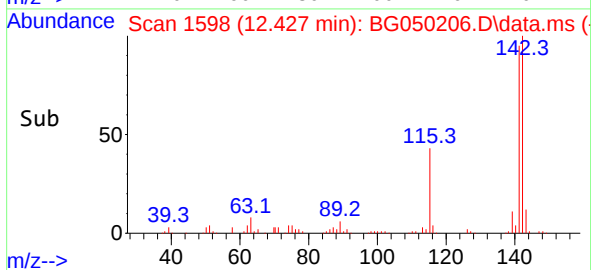
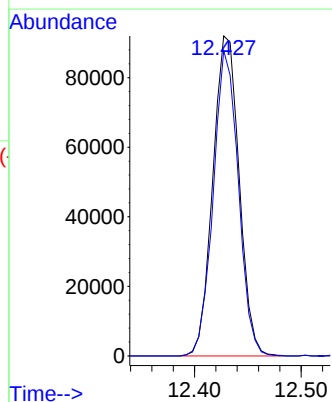
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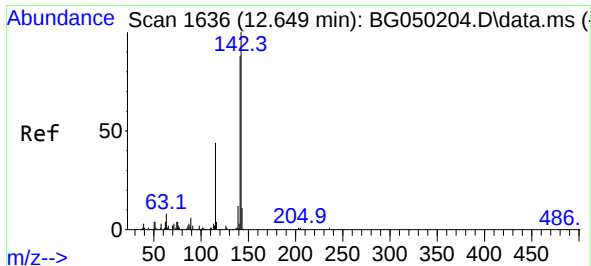


#36
2-Methylnaphthalene
Concen: 33.583 ng/ul
RT: 12.427 min Scan# 1598
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



Tgt Ion:142 Resp: 157620
Ion Ratio Lower Upper
142 100
141 95.5 70.5 105.7





#37

1-Methylnaphthalene

Concen: 33.627 ng/ul

RT: 12.651 min Scan# 1636

Delta R.T. -0.005 min

Lab File: BG050206.D

Acq: 8 Sep 2021 20:04

Tgt Ion:142 Resp: 151543

Ion Ratio Lower Upper

142 100

141 94.4 75.8 113.8

116 4.5 3.7 5.5

Instrument :

BNA_G

ClientSampled :

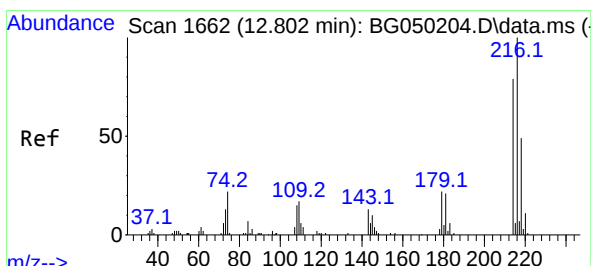
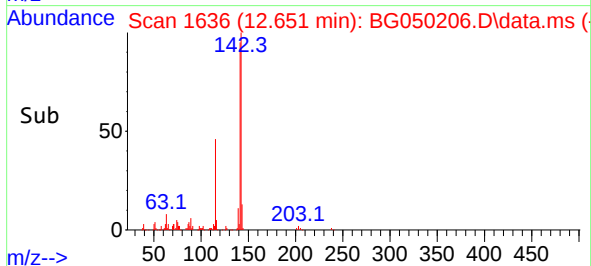
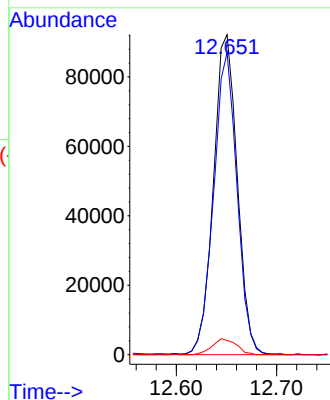
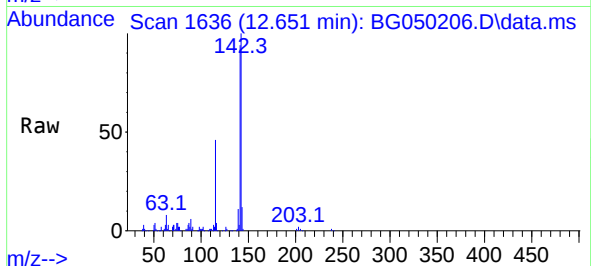
SLCS916

Manual Integrations

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.055 ng/ul

RT: 12.797 min Scan# 1661

Delta R.T. -0.011 min

Lab File: BG050206.D

Acq: 8 Sep 2021 20:04

Tgt Ion:216 Resp: 88066

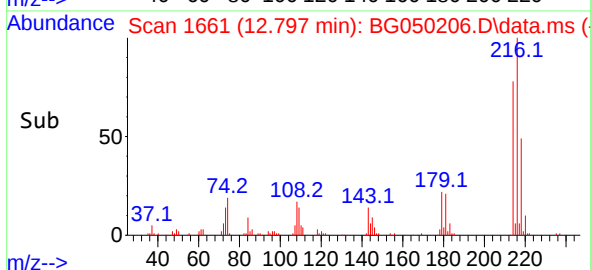
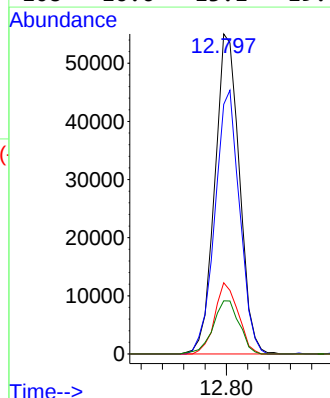
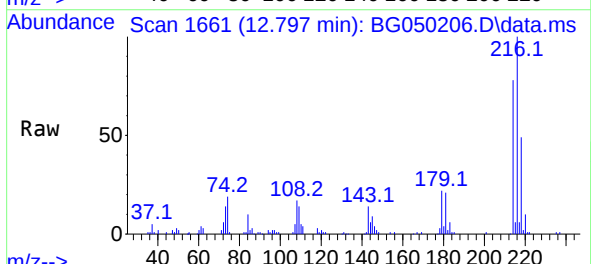
Ion Ratio Lower Upper

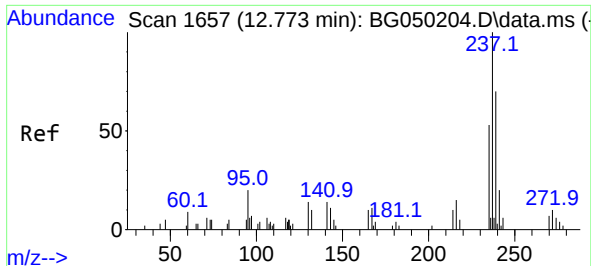
216 100

214 78.0 64.2 96.2

179 22.2 12.8 19.2#

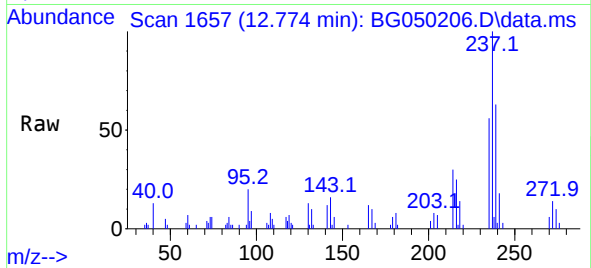
108 16.6 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 15.695 ng/ul
RT: 12.774 min Scan# 1657
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

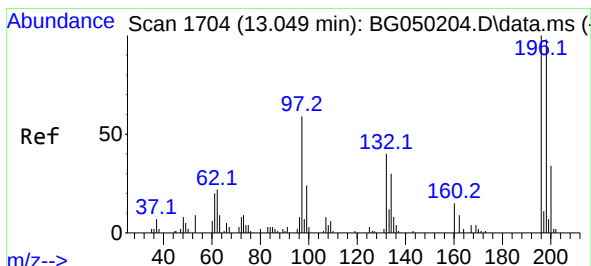
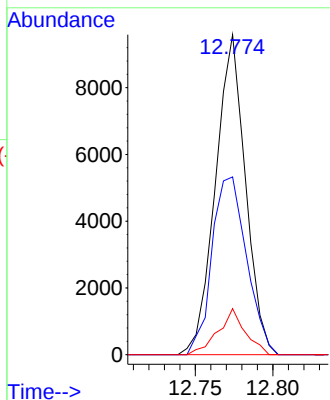
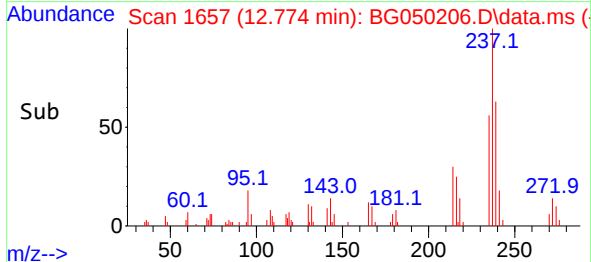
Instrument :
BNA_G
ClientSampled :
SLCS916



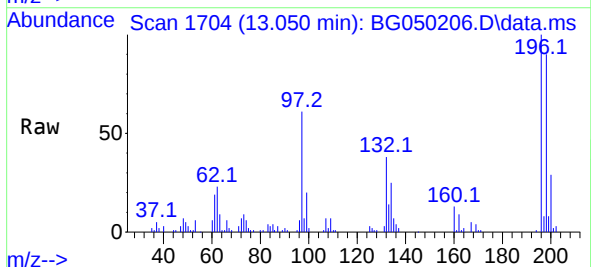
Tgt Ion:237 Resp: 12899
Ion Ratio Lower Upper
237 100
235 55.6 53.5 80.3
272 14.4 11.5 17.3

Manual Integrations
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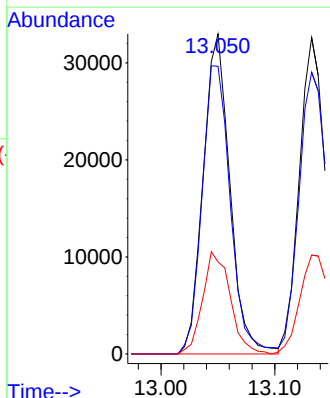
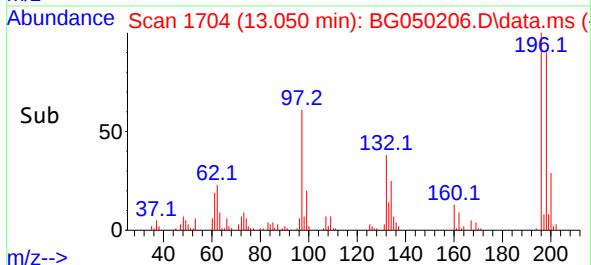
mohammad
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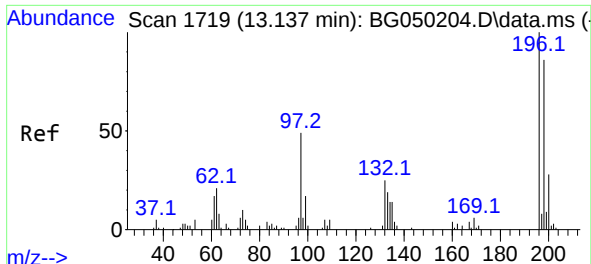


#41
2,4,6-Trichlorophenol
Concen: 31.495 ng/ul
RT: 13.050 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



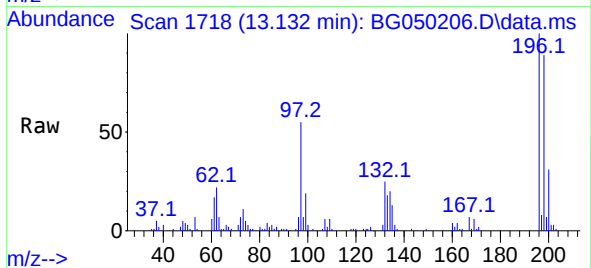
Tgt Ion:196 Resp: 53897
Ion Ratio Lower Upper
196 100
198 89.9 83.7 125.5
200 28.7 25.9 38.9





#42
2,4,5-Trichlorophenol
Concen: 30.256 ng/ul
RT: 13.132 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

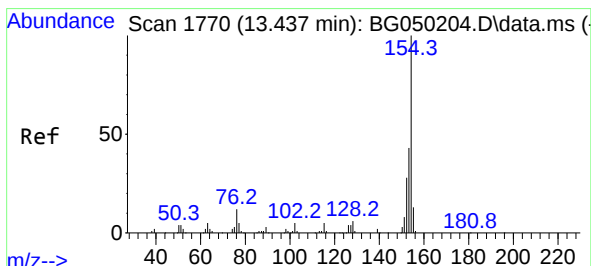
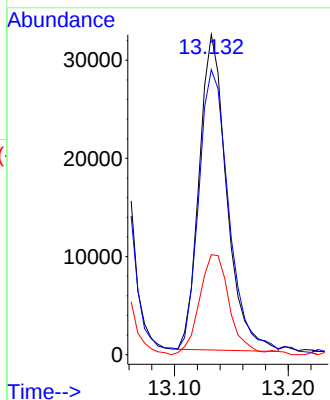
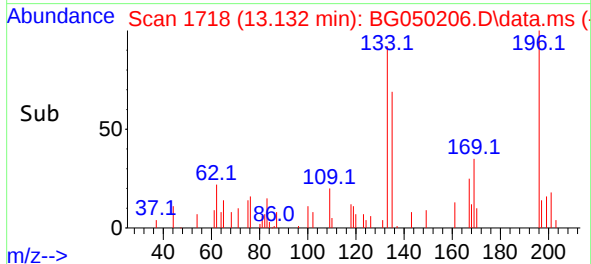
Instrument :
BNA_G
ClientSampled :
SLCS916



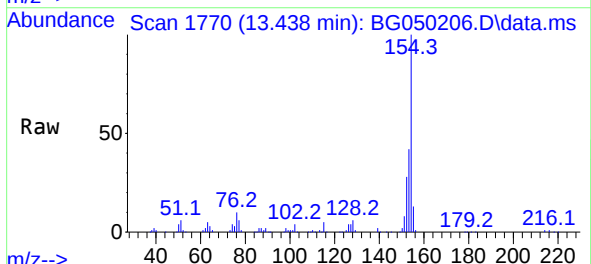
Tgt Ion:196 Resp: 54146
Ion Ratio Lower Upper
196 100
198 89.1 70.3 105.5
200 31.3 26.6 40.0

Manual Integrations
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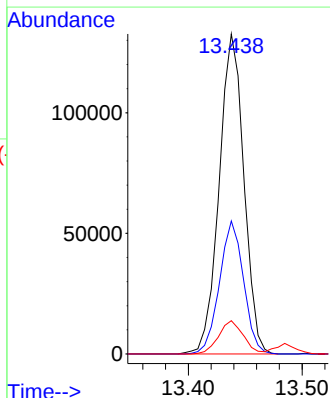
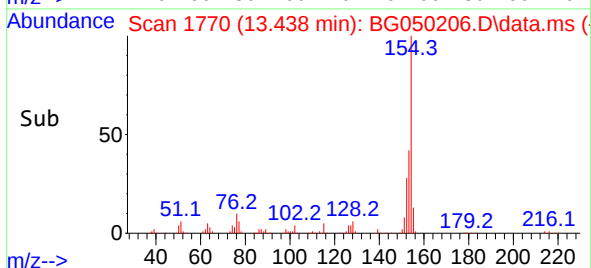
mohammad
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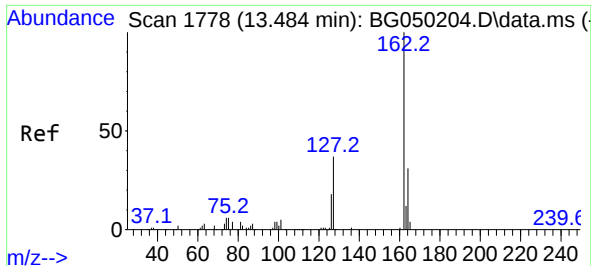


#43
1,1'-Biphenyl
Concen: 30.955 ng/ul
RT: 13.438 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



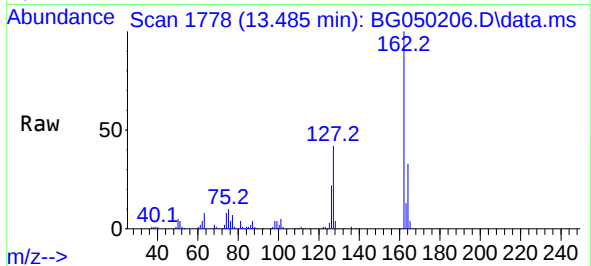
Tgt Ion:154 Resp: 200264
Ion Ratio Lower Upper
154 100
153 41.5 32.5 48.7
76 10.4 7.8 11.8





#44
2-Chloronaphthalene
Concen: 31.080 ng/ul
RT: 13.485 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

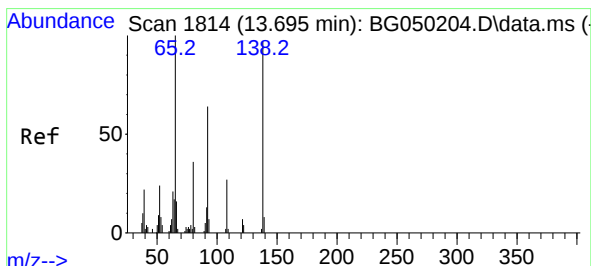
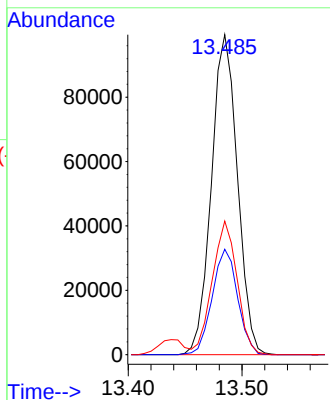
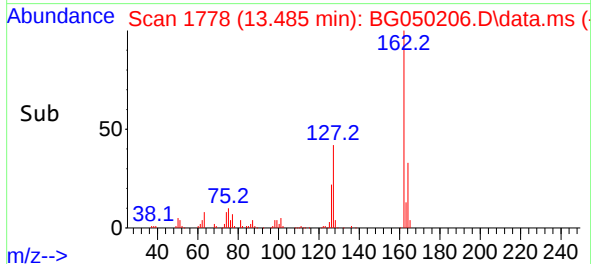
Instrument :
BNA_G
ClientSampled :
SLCS916



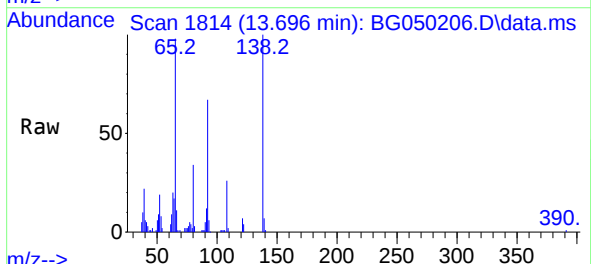
Tgt Ion:162 Resp: 158126
Ion Ratio Lower Upper
162 100
164 33.0 25.2 37.8
127 41.8 31.9 47.9

Manual Integrations
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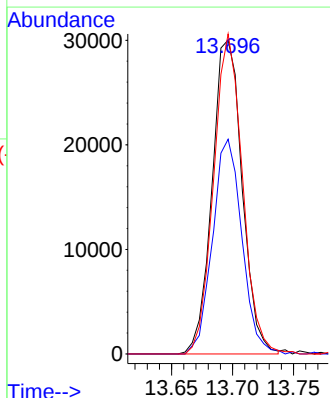
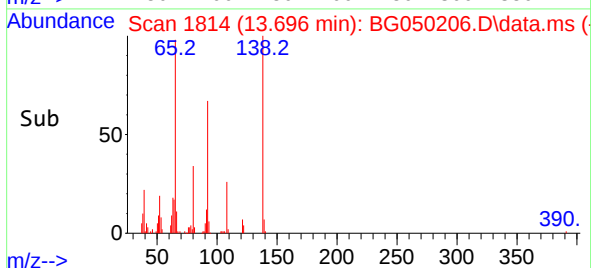
mohammad
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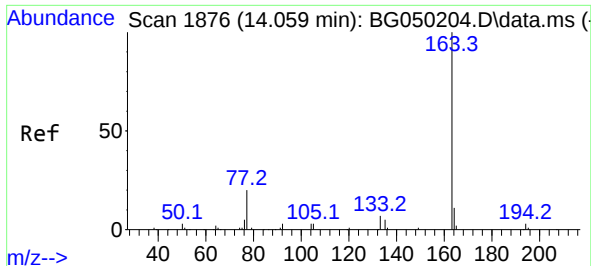


#45
2-Nitroaniline
Concen: 31.937 ng/ul
RT: 13.696 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



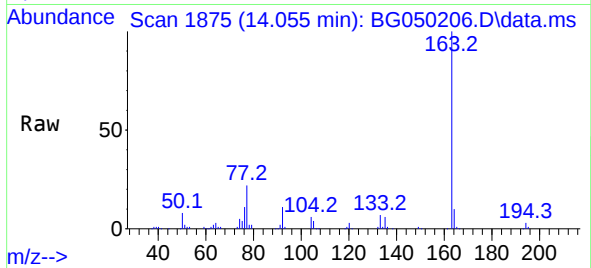
Tgt Ion: 65 Resp: 51440
Ion Ratio Lower Upper
65 100
92 68.4 55.6 83.4
138 101.9 78.7 118.1





#47
Dimethylphthalate
Concen: 31.735 ng/ul
RT: 14.055 min Scan# 1875
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

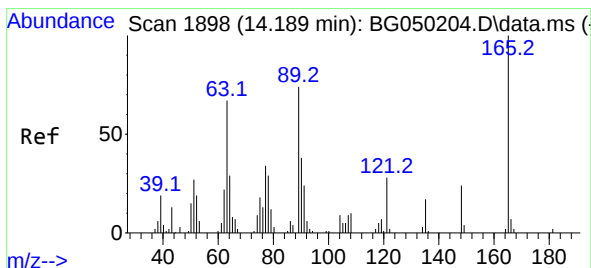
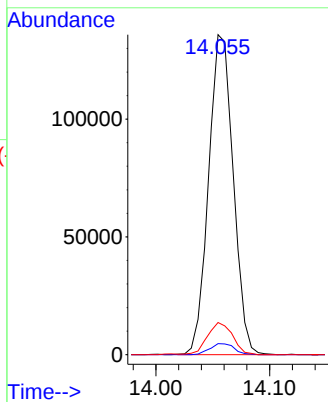
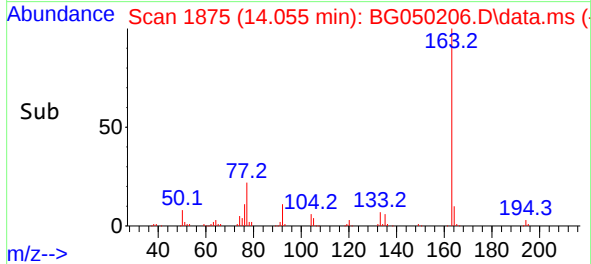
Instrument :
BNA_G
ClientSampled :
SLCS916



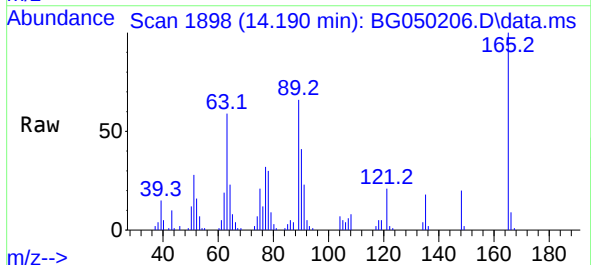
Tgt Ion:163 Resp: 204960
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 10.1 8.2 12.4

Manual Integrations
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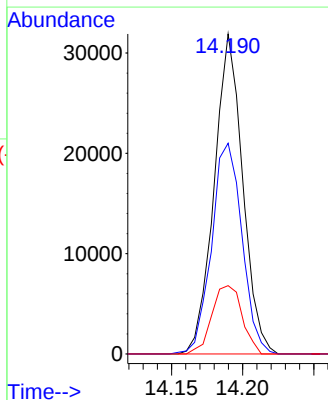
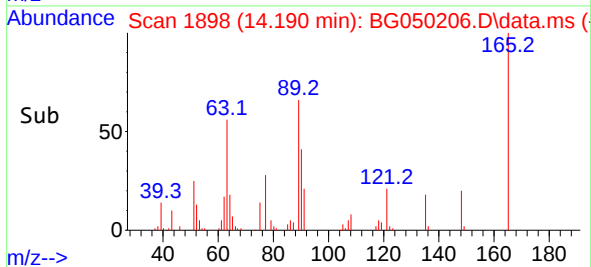
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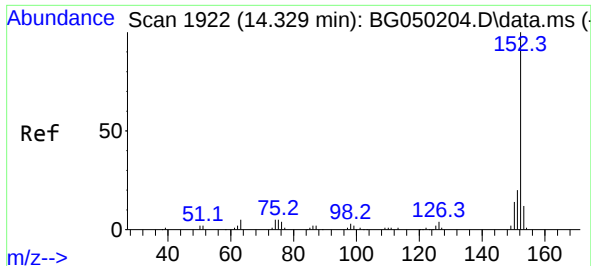


#48
2,6-Dinitrotoluene
Concen: 32.373 ng/ul
RT: 14.190 min Scan# 1898
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



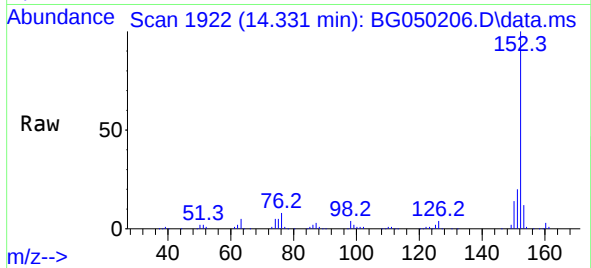
Tgt Ion:165 Resp: 44517
Ion Ratio Lower Upper
165 100
89 65.8 62.5 93.7
121 21.3 22.2 33.2#





#50
Acenaphthylene
Concen: 31.319 ng/ul
RT: 14.331 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

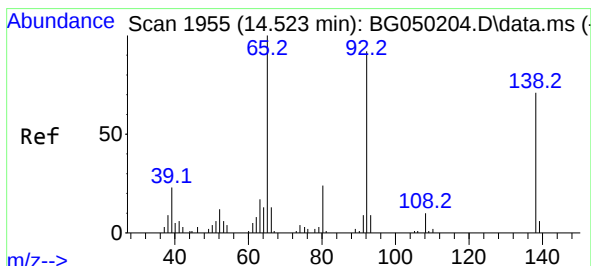
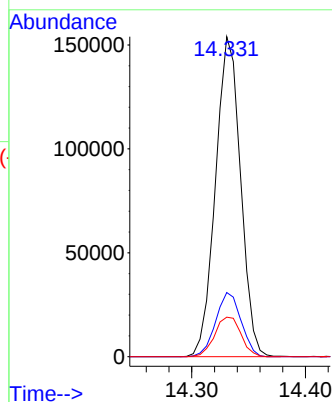
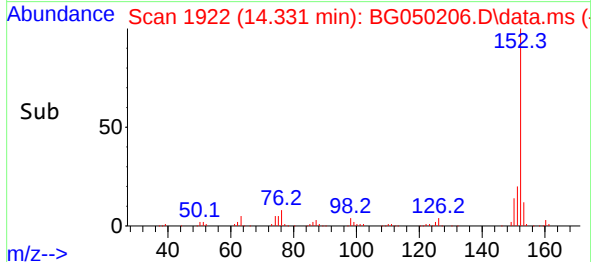
Instrument :
BNA_G
ClientSampled :
SLCS916



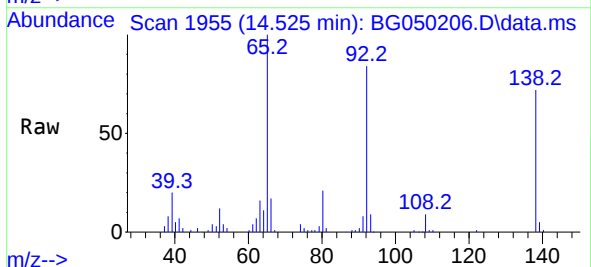
Tgt Ion:152 Resp: 235833
Ion Ratio Lower Upper
152 100
151 20.1 15.2 22.8
153 12.3 10.7 16.1

Manual Integrations
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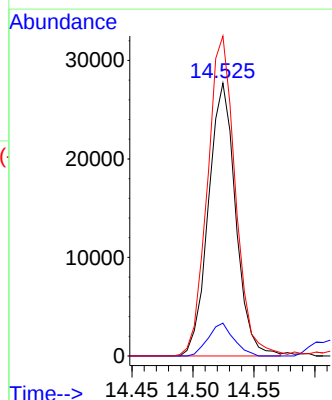
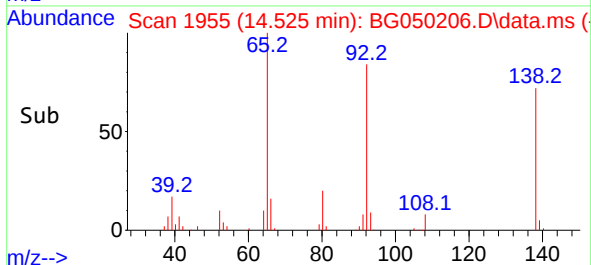
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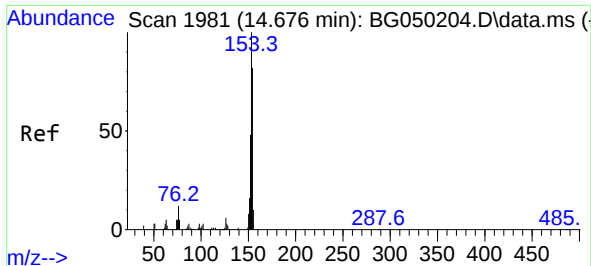


#51
3-Nitroaniline
Concen: 34.419 ng/ul
RT: 14.525 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



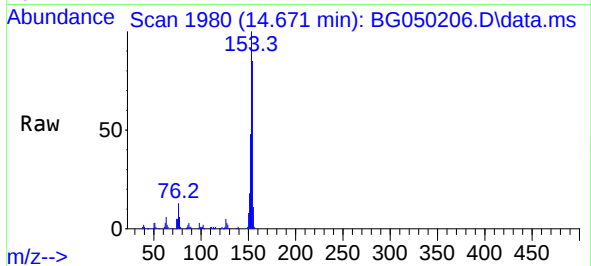
Tgt Ion:138 Resp: 43090
Ion Ratio Lower Upper
138 100
108 12.0 9.0 13.4
92 117.3 96.4 144.6





#52
Acenaphthene
Concen: 31.693 ng/ul
RT: 14.671 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

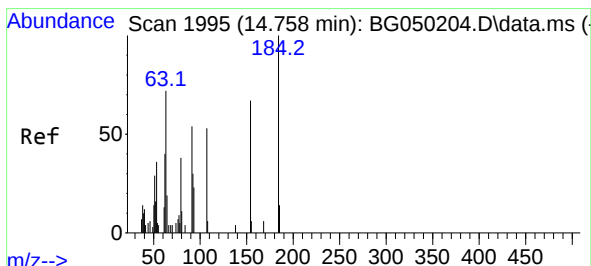
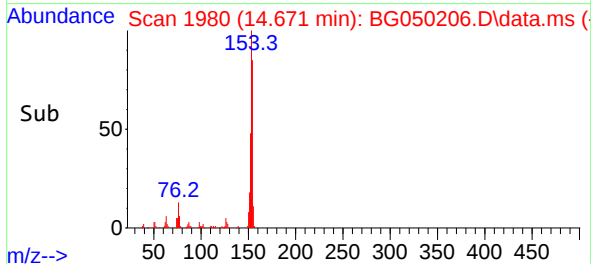
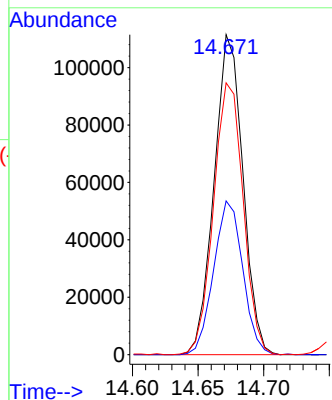
Instrument :
BNA_G
ClientSampled :
SLCS916



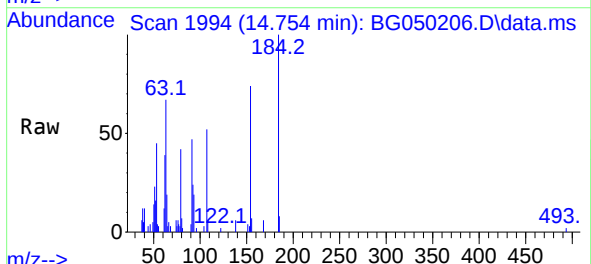
Tgt Ion:153 Resp: 170049
Ion Ratio Lower Upper
153 100
152 48.0 37.4 56.2
154 85.0 71.5 107.3

Manual Integrations
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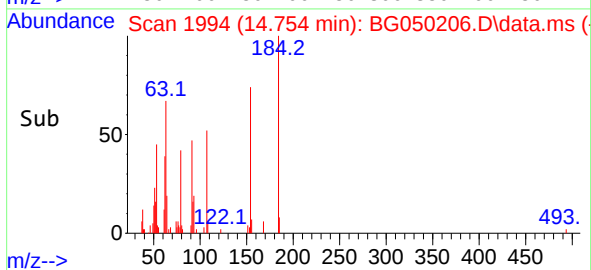
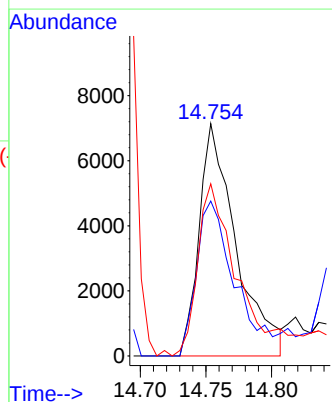
mohammad
9/9/2021 11:46:20 AM

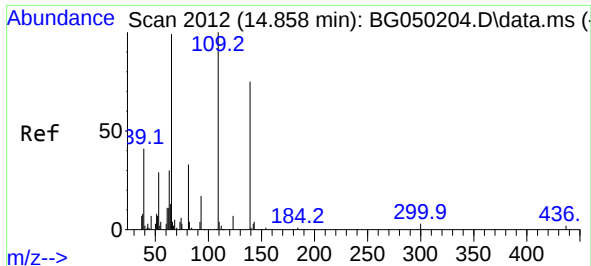


#53
2,4-Dinitrophenol
Concen: 24.773 ng/ul
RT: 14.754 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



Tgt Ion:184 Resp: 13952
Ion Ratio Lower Upper
184 100
63 66.6 75.8 113.8#
154 74.1 64.6 96.8





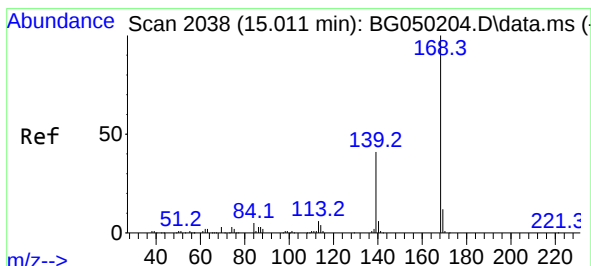
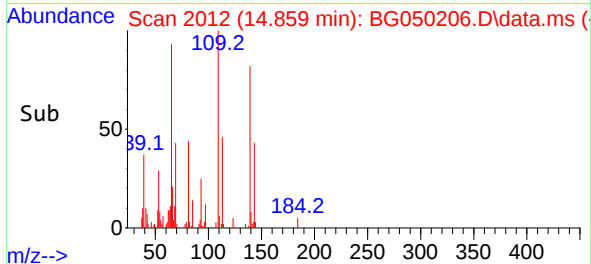
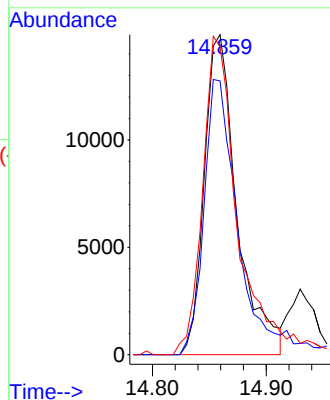
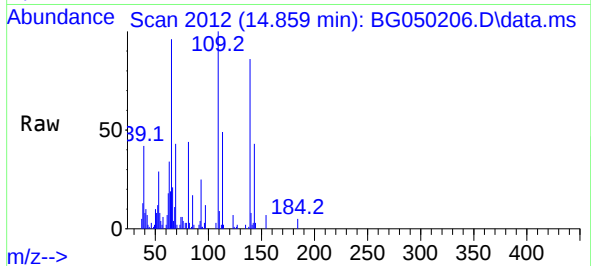
#55
4-Nitrophenol
Concen: 32.757 ng/ul
RT: 14.859 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion:109 Resp: 29764
Ion Ratio Lower Upper
109 100
139 85.5 61.4 92.0
65 96.2 76.5 114.7

Instrument :
BNA_G
ClientSampleId :
SLCS916

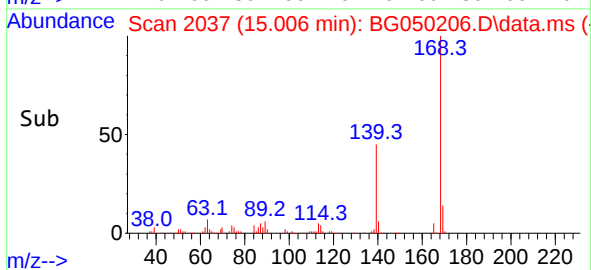
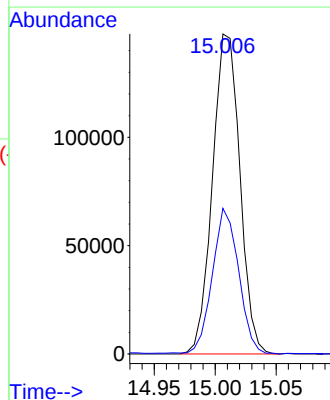
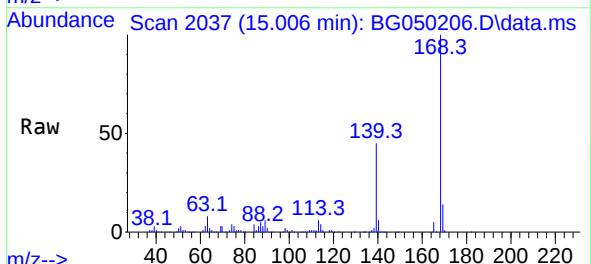
Manual Integrations
APPROVED

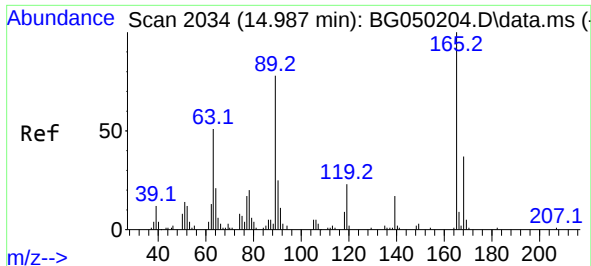
mohammad
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#56
Dibenzofuran
Concen: 31.301 ng/ul
RT: 15.006 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

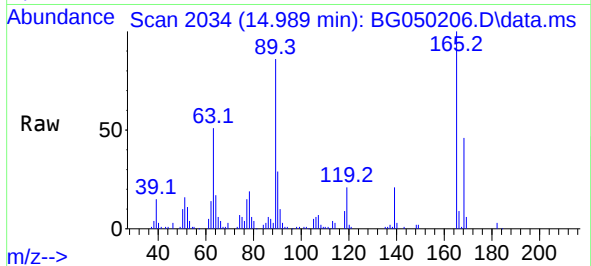
Tgt Ion:168 Resp: 231061
Ion Ratio Lower Upper
168 100
139 45.5 33.8 50.8





#57
2,4-Dinitrotoluene
Concen: 31.812 ng/ul
RT: 14.989 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

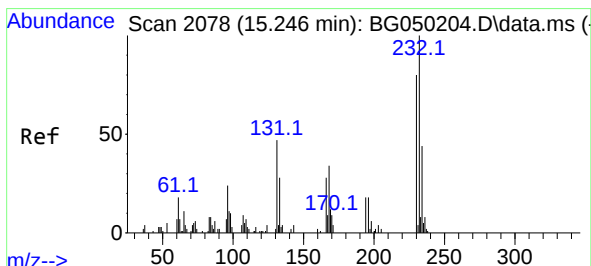
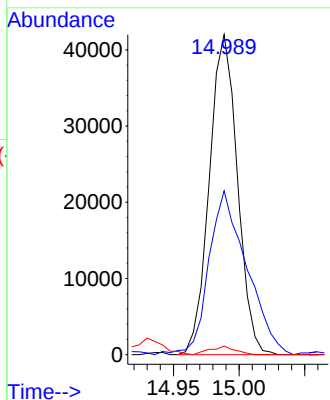
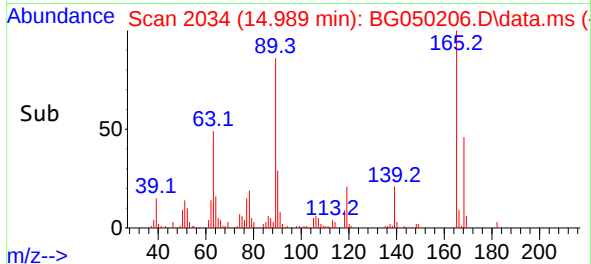
Instrument :
BNA_G
ClientSampled :
SLCS916



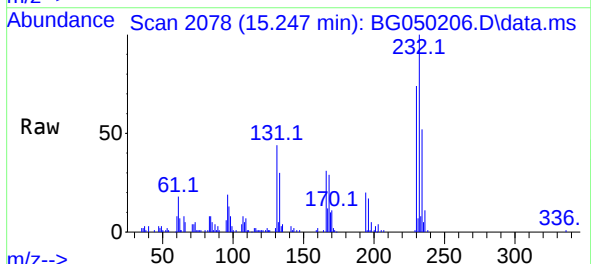
Tgt Ion:165 Resp: 62512
Ion Ratio Lower Upper
165 100
63 51.2 42.3 63.5
182 2.7 2.6 4.0

Manual Integrations
APPROVED

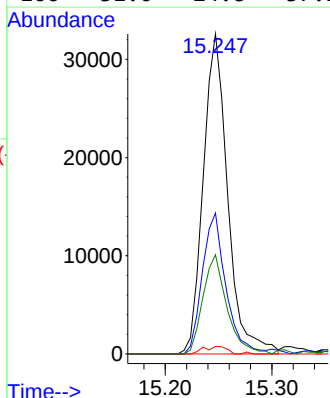
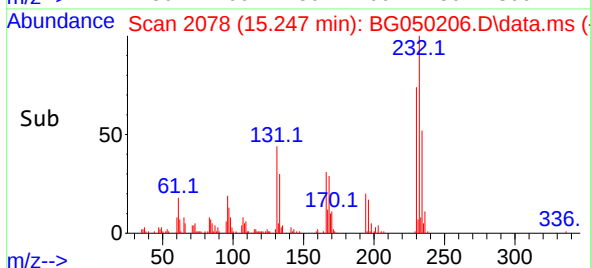
mohammad
9/9/2021 11:46:20 AM

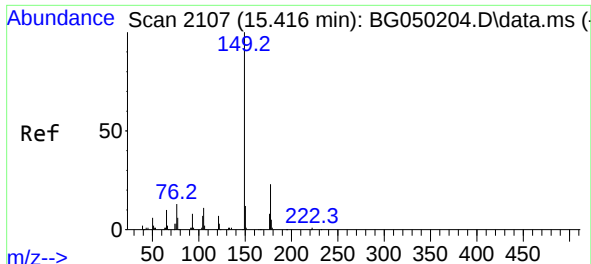


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.285 ng/ul
RT: 15.247 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



Tgt Ion:232 Resp: 51893
Ion Ratio Lower Upper
232 100
131 44.1 40.0 60.0
130 2.3 1.8 2.8
166 31.0 24.8 37.2





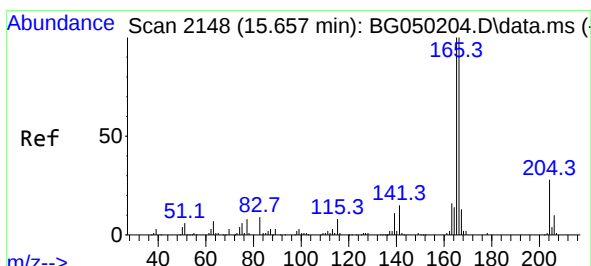
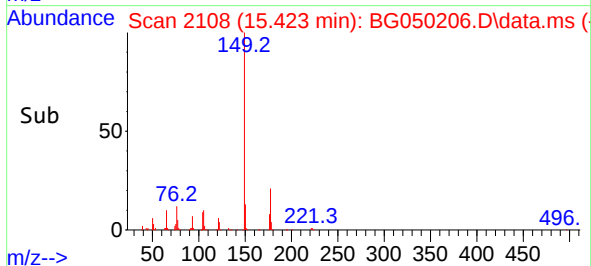
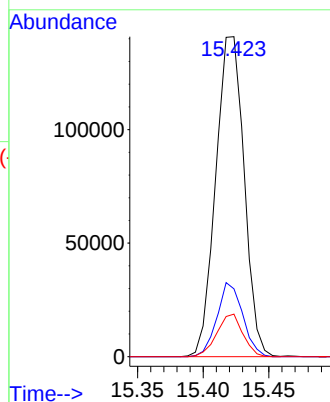
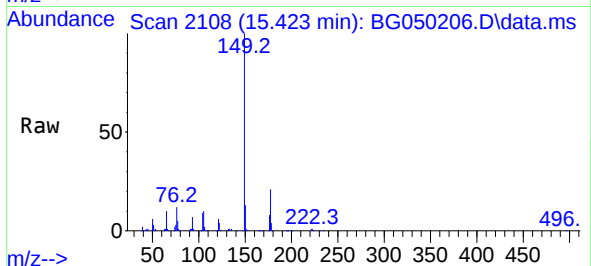
#59
Diethylphthalate
Concen: 32.524 ng/ul
RT: 15.423 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion:149 Resp: 212307
Ion Ratio Lower Upper
149 100
177 21.2 15.8 23.6
150 13.3 9.7 14.5

Instrument :
BNA_G
ClientSampled :
SLCS916

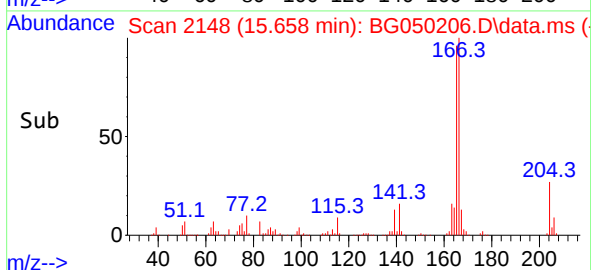
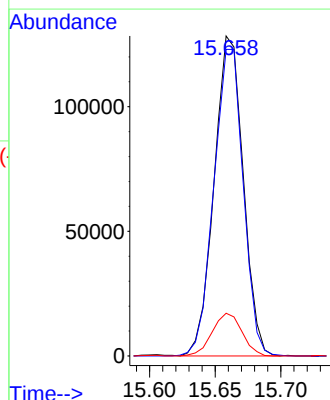
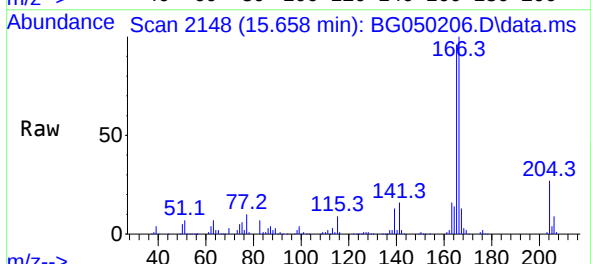
Manual Integrations
APPROVED

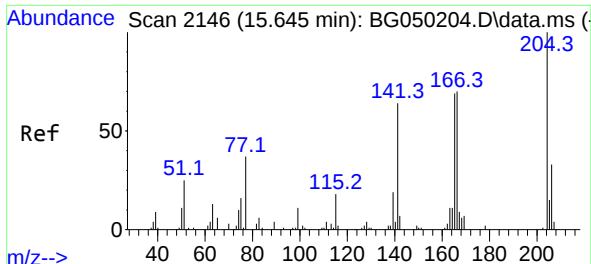
mohammad
9/9/2021 11:46:20 AM



#61
Fluorene
Concen: 31.961 ng/ul
RT: 15.658 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

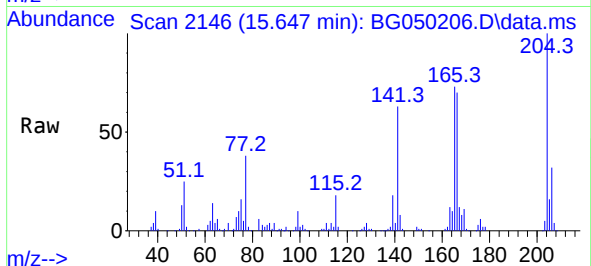
Tgt Ion:166 Resp: 197808
Ion Ratio Lower Upper
166 100
165 95.8 83.3 124.9
167 13.3 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 31.449 ng/ul
RT: 15.647 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

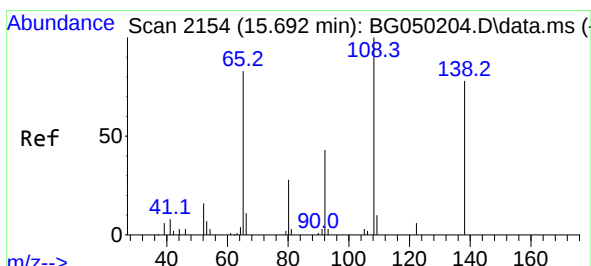
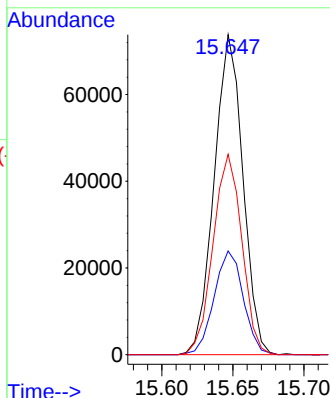
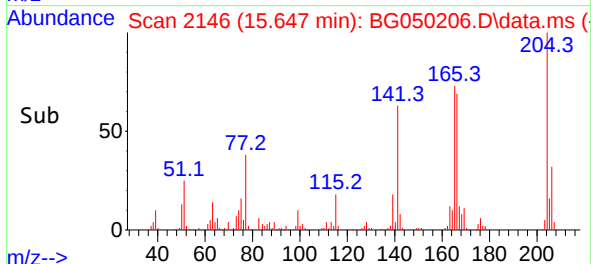
Instrument :
BNA_G
ClientSampled :
SLCS916



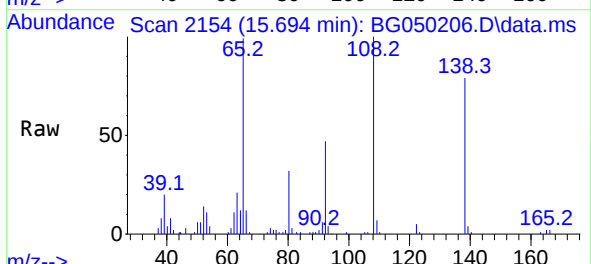
Tgt Ion:204 Resp: 103634
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.2
141 62.6 51.8 77.6

Manual Integrations
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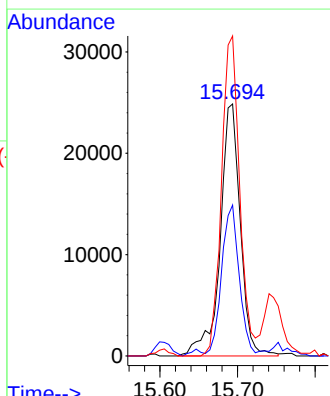
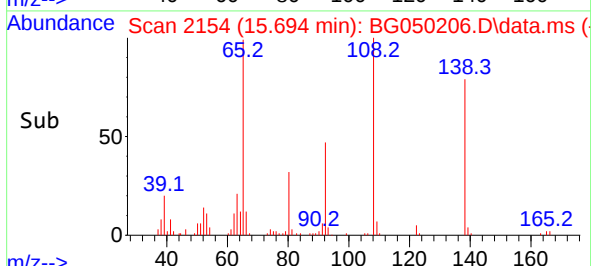
mohammad
9/9/2021 11:46:20 AM

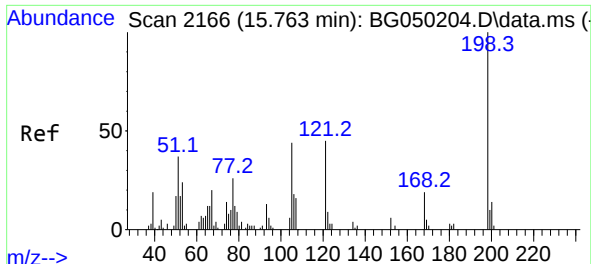


#63
4-Nitroaniline
Concen: 38.611 ng/ul
RT: 15.694 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

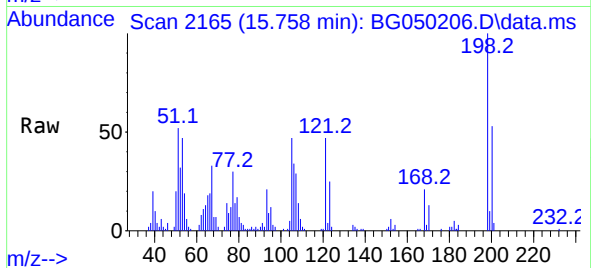


Tgt Ion:138 Resp: 45020
Ion Ratio Lower Upper
138 100
92 59.9 50.0 75.0
108 127.0 101.8 152.8

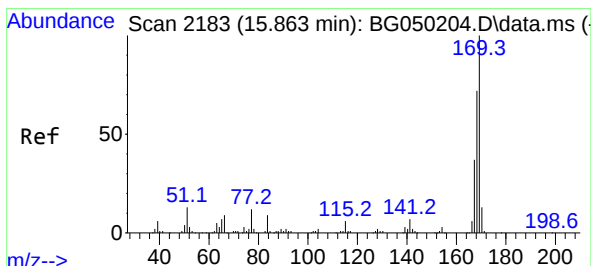
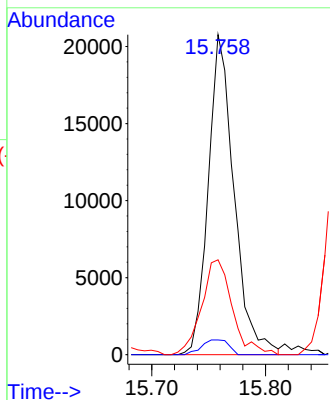
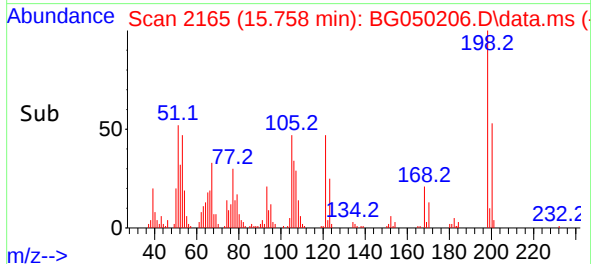




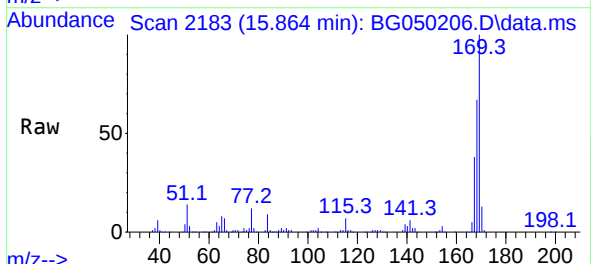
#66
4,6-Dinitro-2-methylphenol
Concen: 31.088 ng/ul
RT: 15.758 min Scan# 2165
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



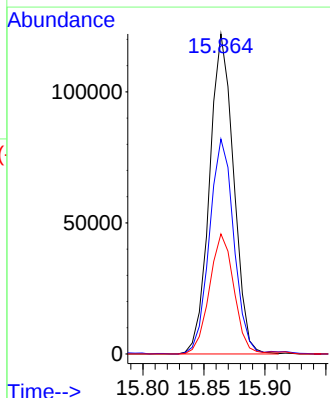
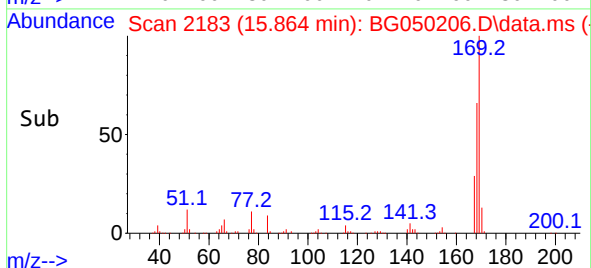
Tgt Ion:198 Resp: 32698
Ion Ratio Lower Upper
198 100
182 4.6 3.0 4.6#
77 29.6 23.4 35.2



#67
N-Nitrosodiphenylamine
Concen: 31.682 ng/ul
RT: 15.864 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



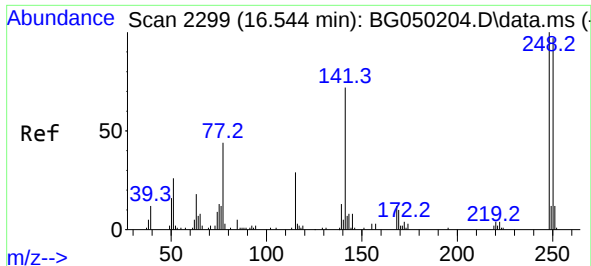
Tgt Ion:169 Resp: 168191
Ion Ratio Lower Upper
169 100
168 67.1 55.0 82.6
167 37.5 29.0 43.4



Instrument :
BNA_G
ClientSampled :
SLCS916

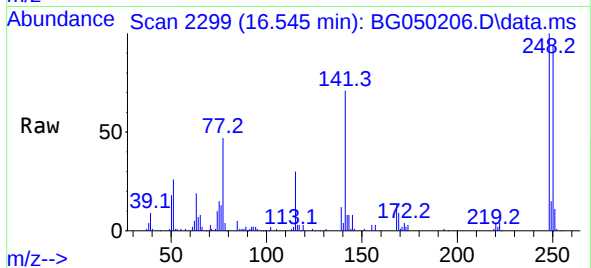
Manual Integrations
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#68
4-Bromophenyl-phenylether
Concen: 32.691 ng/ul
RT: 16.545 min Scan# 2299
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

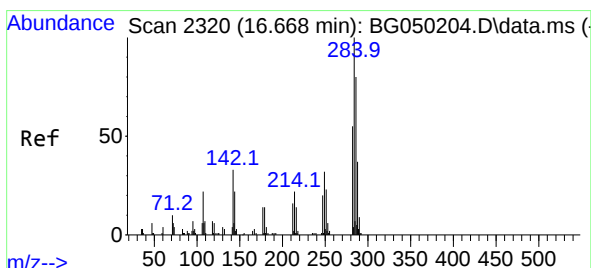
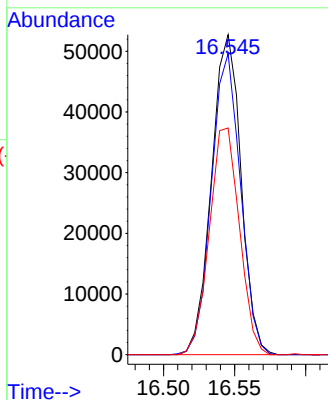
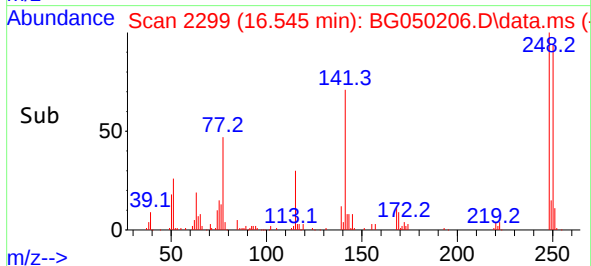
Instrument :
BNA_G
ClientSampled :
SLCS916



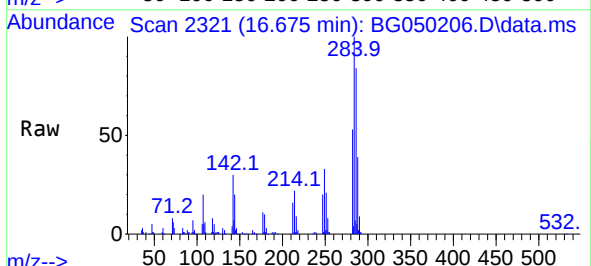
Tgt Ion:248 Resp: 76058
Ion Ratio Lower Upper
248 100
250 94.0 80.2 120.2
141 70.8 60.6 90.8

Manual Integrations
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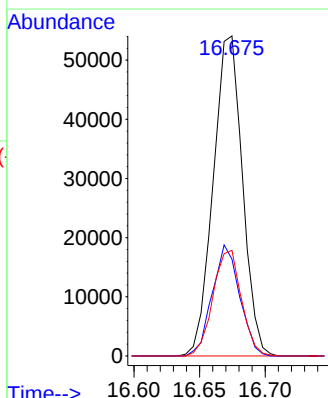
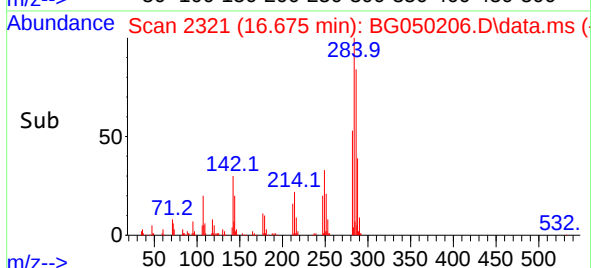
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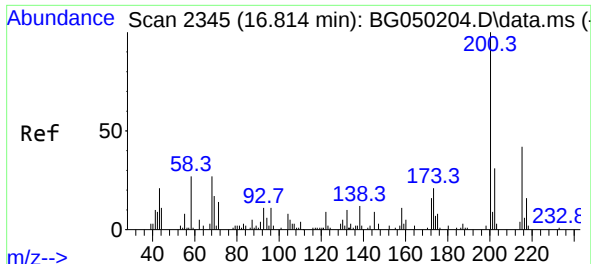


#69
Hexachlorobenzene
Concen: 31.712 ng/ul
RT: 16.675 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



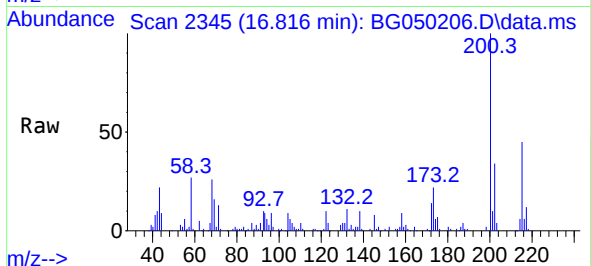
Tgt Ion:284 Resp: 83651
Ion Ratio Lower Upper
284 100
142 30.3 28.7 43.1
249 33.0 25.5 38.3





#70
Atrazine
Concen: 33.646 ng/ul
RT: 16.816 min Scan# 2345
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

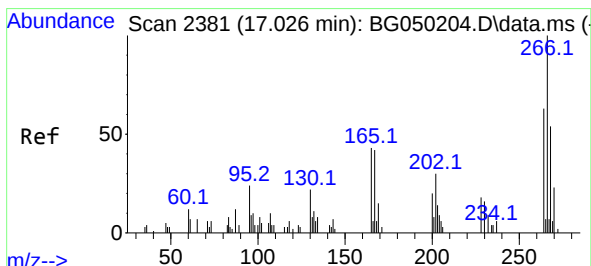
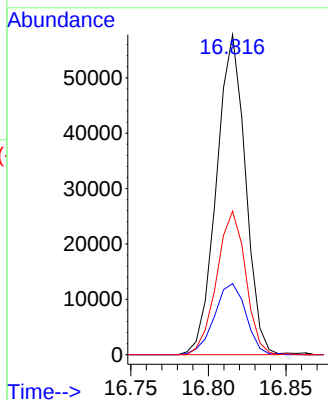
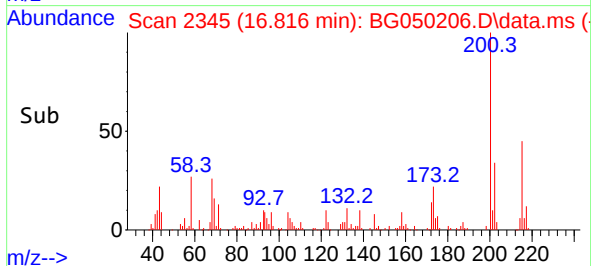
Instrument :
BNA_G
ClientSampled :
SLCS916



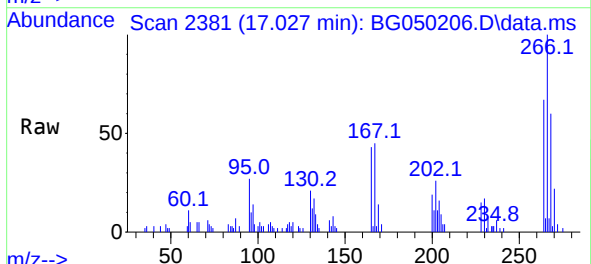
Tgt Ion:200 Resp: 74893
Ion Ratio Lower Upper
200 100
173 22.2 19.3 28.9
215 44.9 34.9 52.3

Manual Integrations
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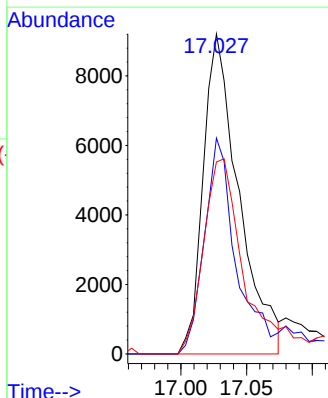
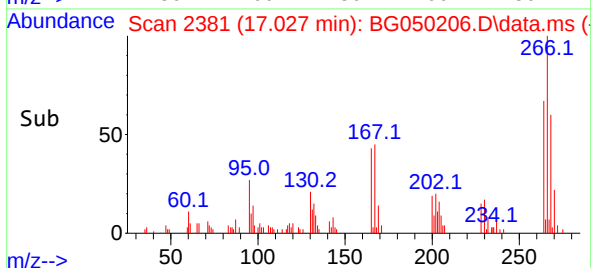
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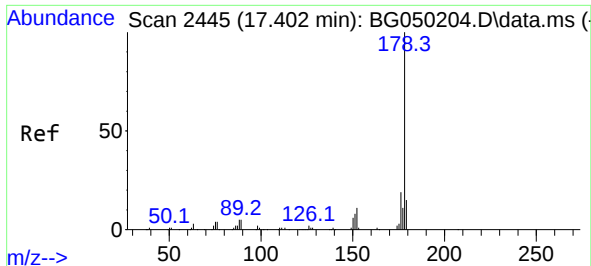


#71
Pentachlorophenol
Concen: 24.081 ng/ul
RT: 17.027 min Scan# 2381
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



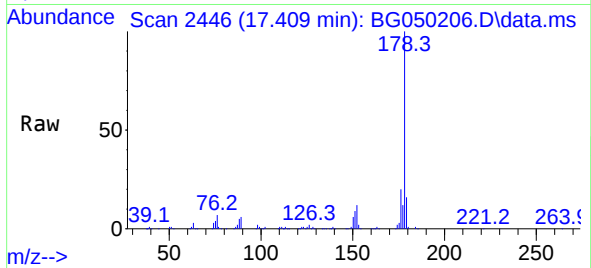
Tgt Ion:266 Resp: 17400
Ion Ratio Lower Upper
266 100
264 67.5 54.1 81.1
268 60.0 52.6 78.8





#72
Phenanthrene
Concen: 32.115 ng/ul
RT: 17.409 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

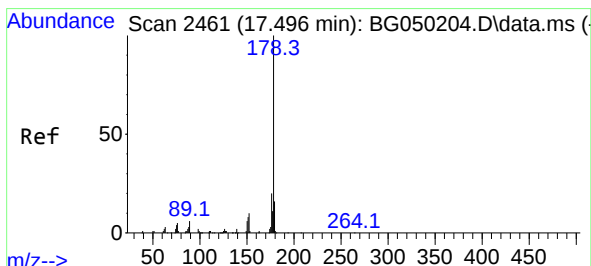
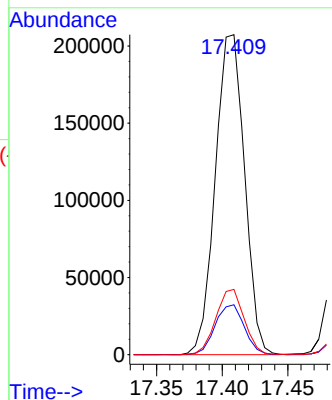
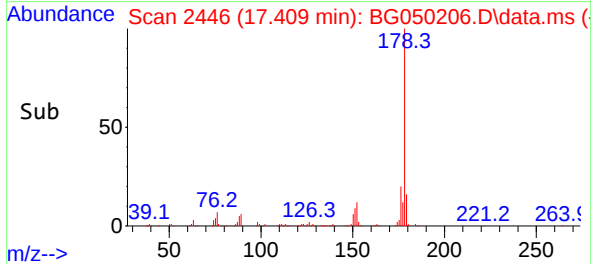
Instrument :
BNA_G
ClientSampled :
SLCS916



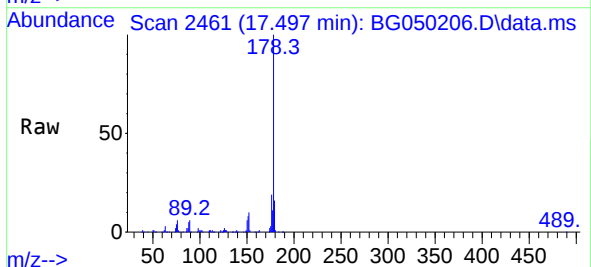
Tgt Ion:178 Resp: 321573
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 20.4 16.2 24.2

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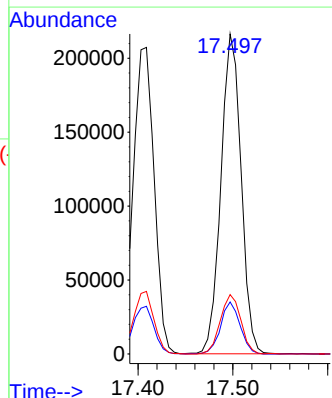
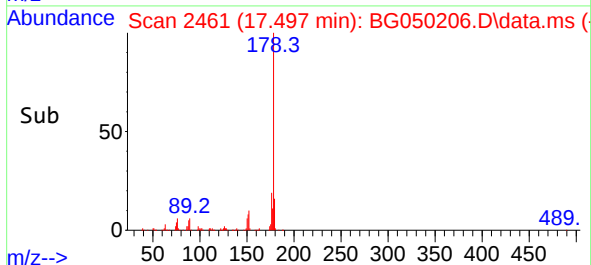
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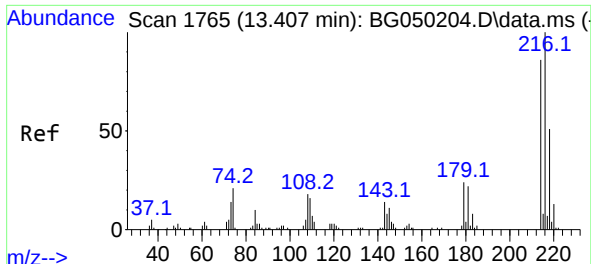


#74
Anthracene
Concen: 31.556 ng/ul
RT: 17.497 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



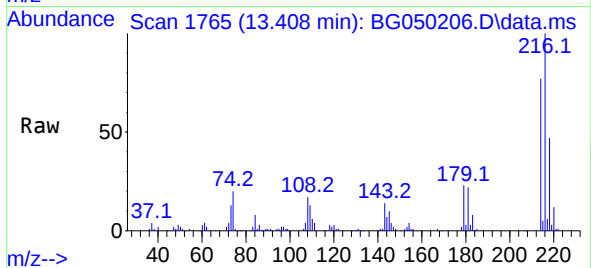
Tgt Ion:178 Resp: 320403
Ion Ratio Lower Upper
178 100
179 16.3 11.4 17.0
176 18.6 12.8 19.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.945 ng/uL
RT: 13.408 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

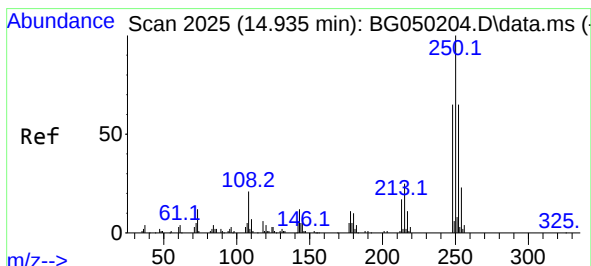
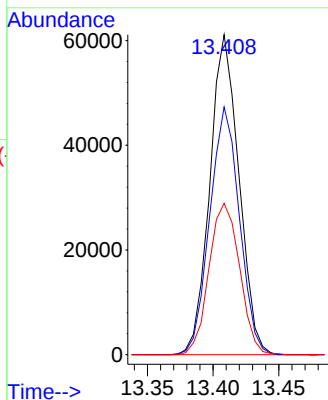
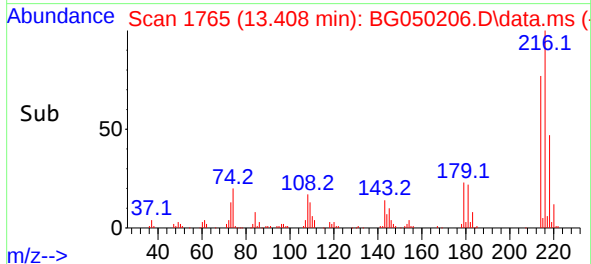
Instrument :
BNA_G
ClientSampled :
SLCS916



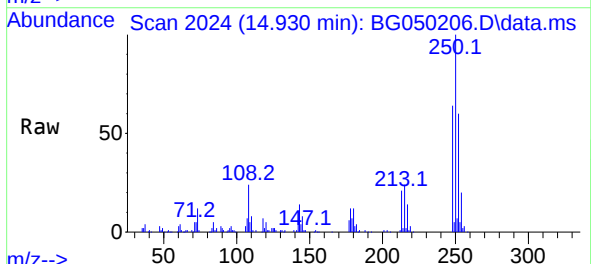
Tgt Ion:216 Resp: 94153
Ion Ratio Lower Upper
216 100
214 77.4 70.9 106.3
218 47.3 40.9 61.3

Manual Integrations
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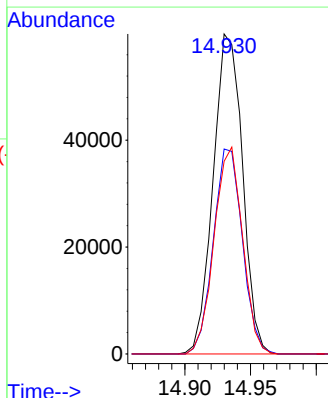
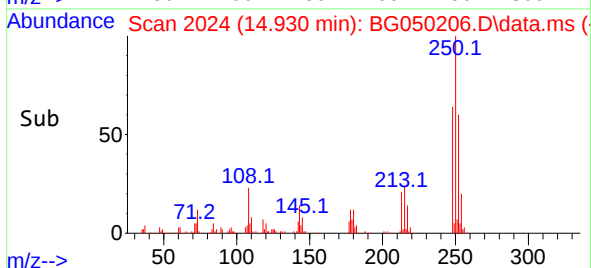
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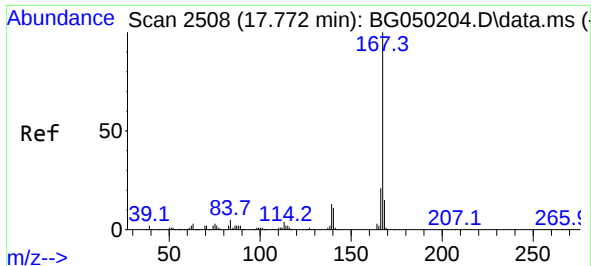


#76
Pentachlorobenzene
Concen: 29.612 ng/uL
RT: 14.930 min Scan# 2024
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



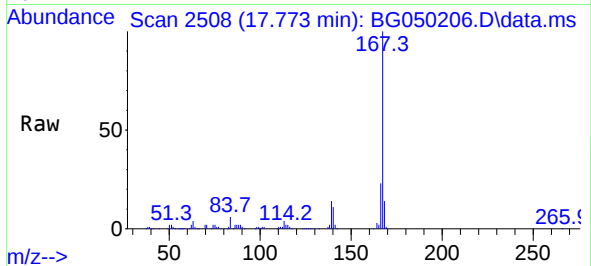
Tgt Ion:250 Resp: 93027
Ion Ratio Lower Upper
250 100
248 64.0 51.5 77.3
252 60.2 47.9 71.9





#77
 Carbazole
 Concen: 32.004 ng/ul
 RT: 17.773 min Scan# 2508
 Delta R.T. -0.005 min
 Lab File: BG050206.D
 Acq: 8 Sep 2021 20:04

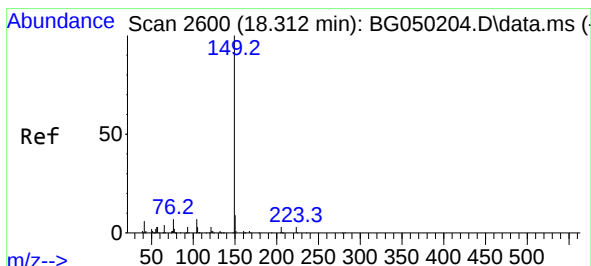
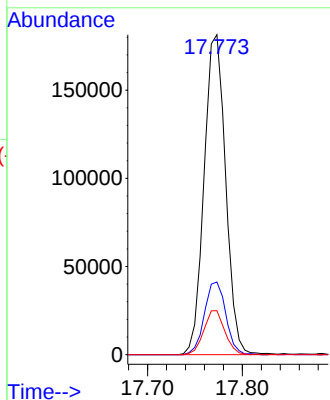
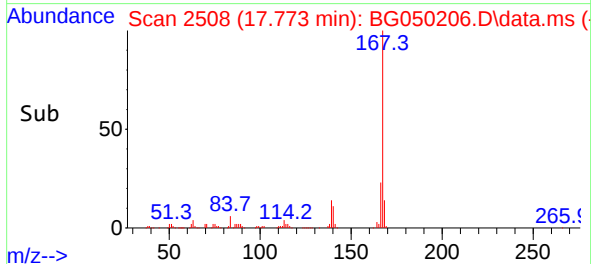
Instrument :
 BNA_G
 ClientSampled :
 SLCS916



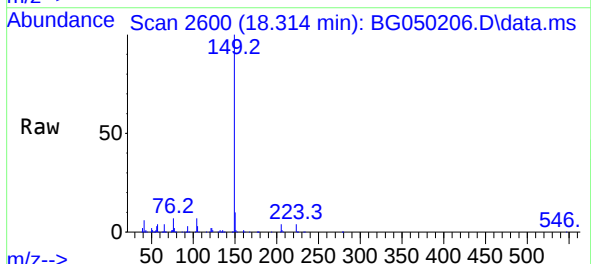
Tgt Ion:167 Resp: 286481
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 13.7 11.1 16.7

Manual Integrations
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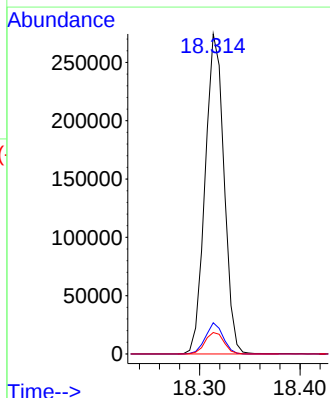
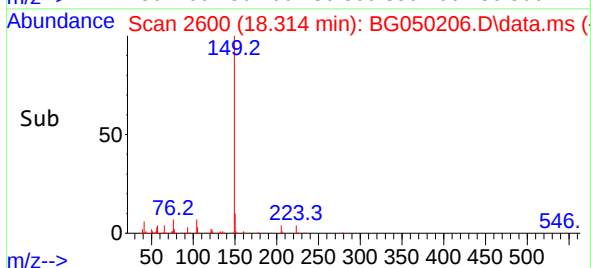
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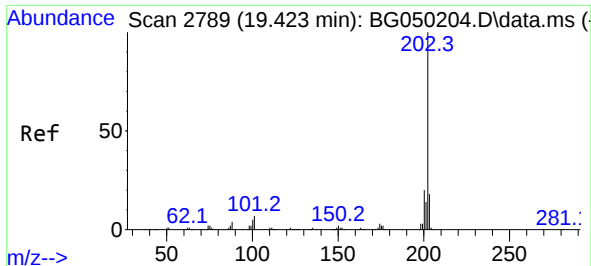


#78
 Di-n-butylphthalate
 Concen: 33.148 ng/ul
 RT: 18.314 min Scan# 2600
 Delta R.T. -0.005 min
 Lab File: BG050206.D
 Acq: 8 Sep 2021 20:04



Tgt Ion:149 Resp: 358831
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 6.7 5.3 7.9





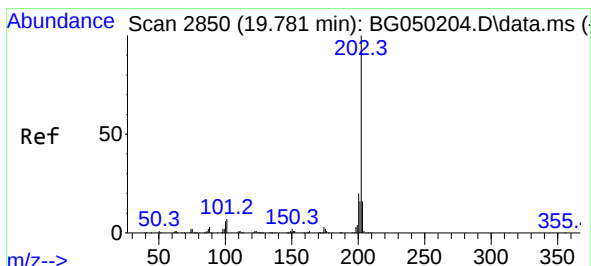
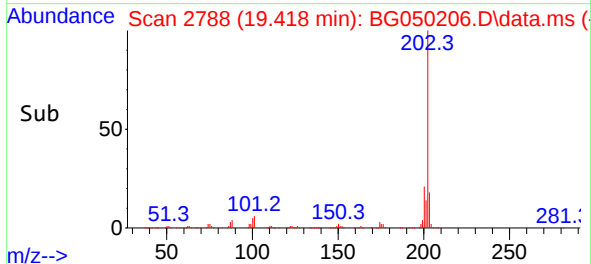
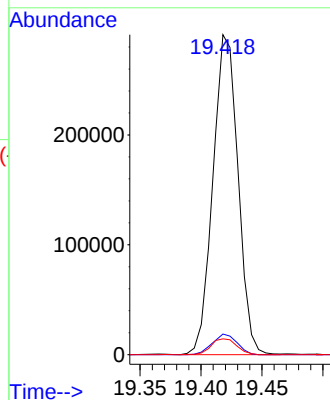
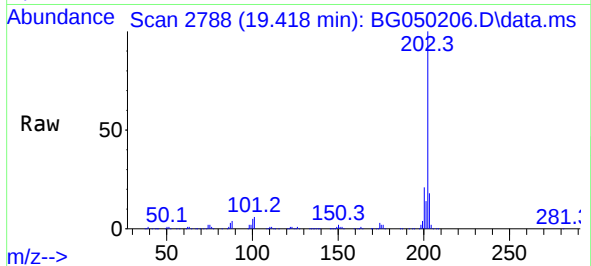
#80
Fluoranthene
Concen: 33.360 ng/u1
RT: 19.418 min Scan# 2788
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion:202 Resp: 417278
Ion Ratio Lower Upper
202 100
101 6.5 4.3 6.5
100 5.0 3.5 5.3

Instrument :
BNA_G
ClientSampleId :
SLCS916

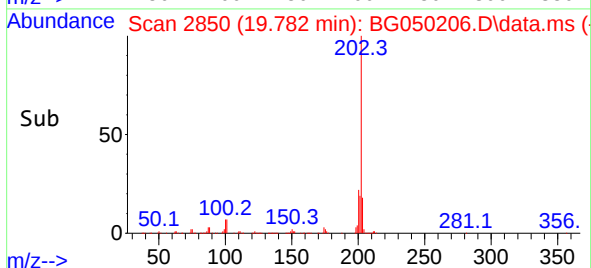
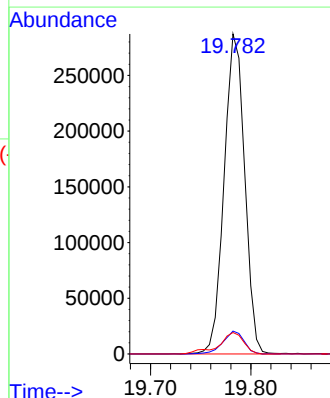
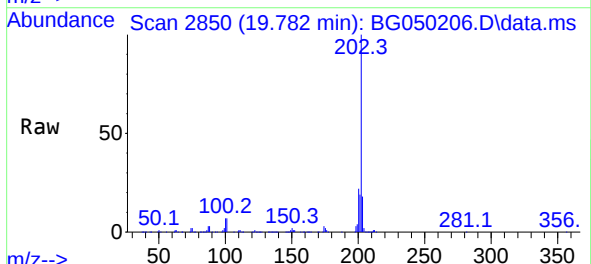
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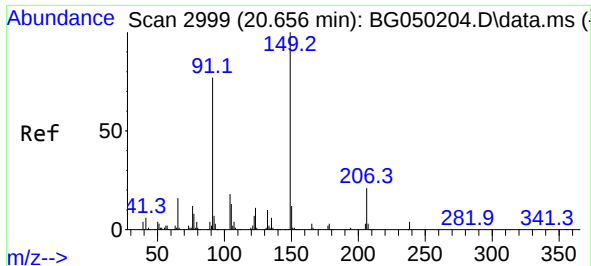
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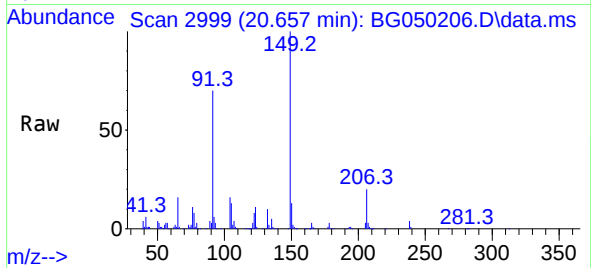
#82
Pyrene
Concen: 33.229 ng/u1
RT: 19.782 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

Tgt Ion:202 Resp: 407670
Ion Ratio Lower Upper
202 100
101 7.2 5.4 8.0
100 6.7 5.0 7.6

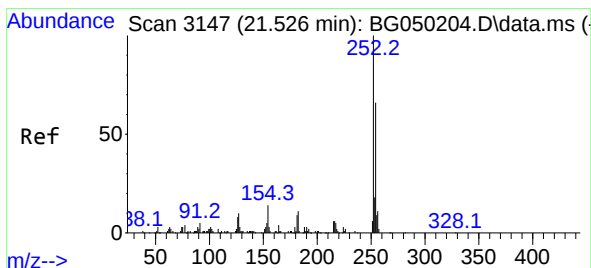
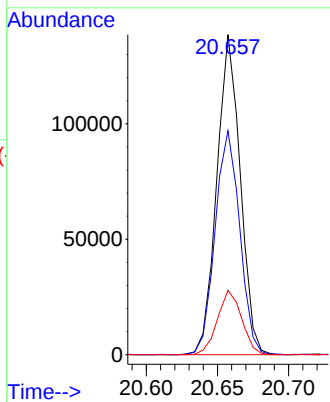
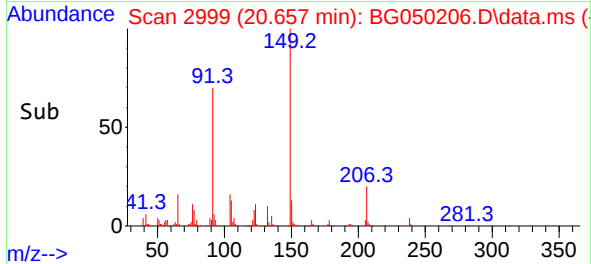




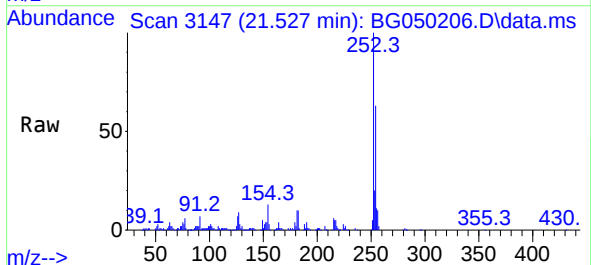
#83
Butylbenzylphthalate
Concen: 33.878 ng/ul
RT: 20.657 min Scan# 2999
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



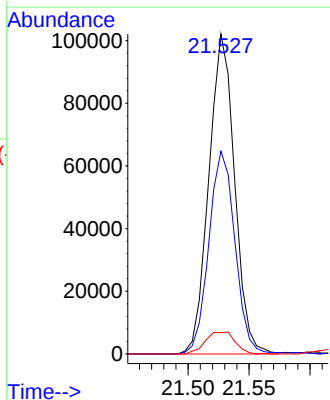
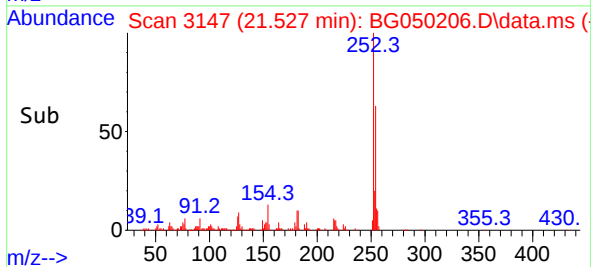
Tgt Ion:149 Resp: 158957
Ion Ratio Lower Upper
149 100
91 69.9 60.6 90.8
206 20.1 16.8 25.2



#84
3,3'-Dichlorobenzidine
Concen: 34.411 ng/ul
RT: 21.527 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



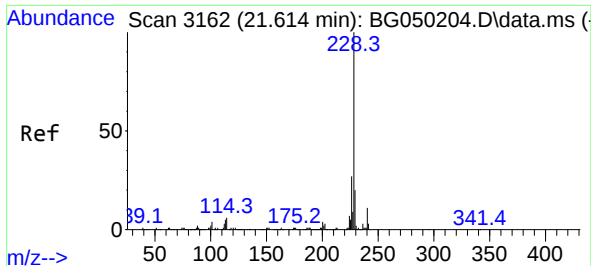
Tgt Ion:252 Resp: 149967
Ion Ratio Lower Upper
252 100
254 63.4 54.2 81.2
126 6.6 5.4 8.0



Instrument :
BNA_G
ClientSampled :
SLCS916

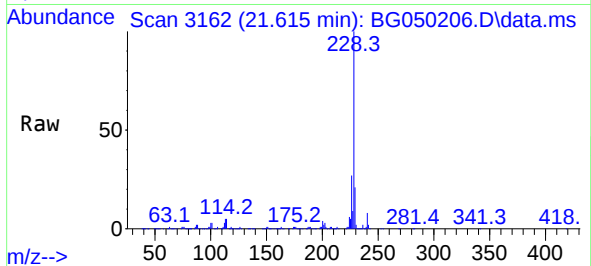
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#85
Benzo(a)anthracene
Concen: 32.161 ng/ul
RT: 21.615 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

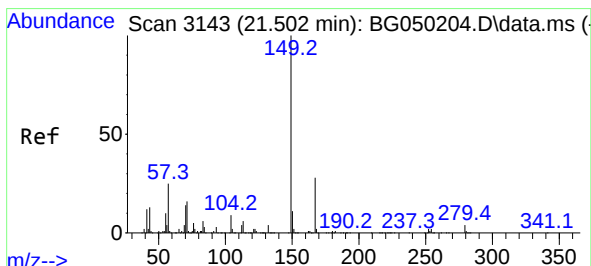
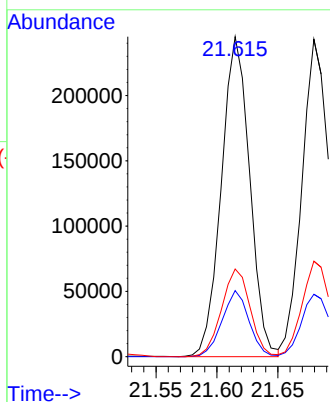
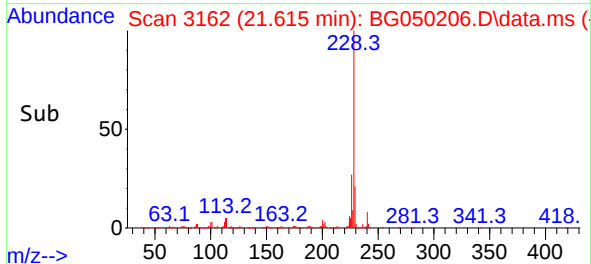
Instrument :
BNA_G
ClientSampled :
SLCS916



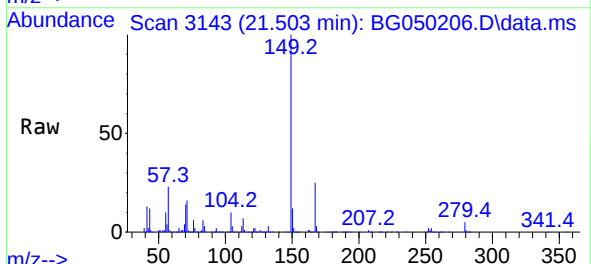
Tgt Ion:228 Resp: 397816
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.4
226 27.4 21.0 31.4

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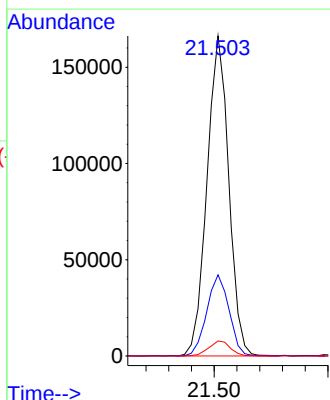
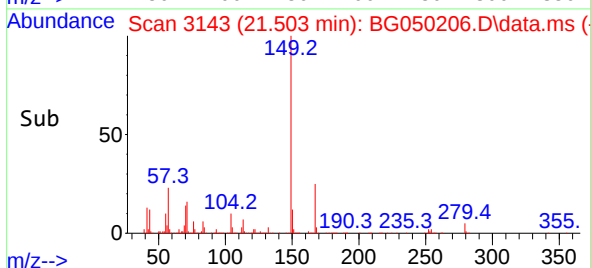
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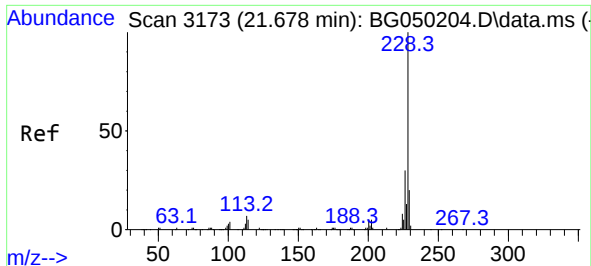


#86
Bis(2-ethylhexyl)phthalate
Concen: 31.554 ng/ul
RT: 21.503 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

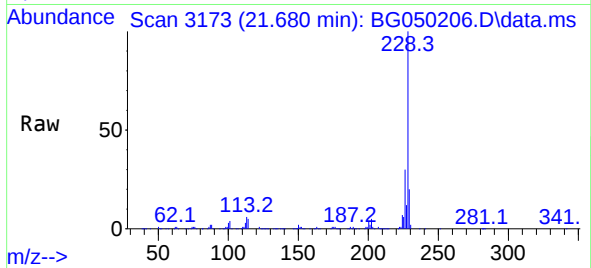


Tgt Ion:149 Resp: 221108
Ion Ratio Lower Upper
149 100
167 25.4 20.4 30.6
279 4.7 3.7 5.5

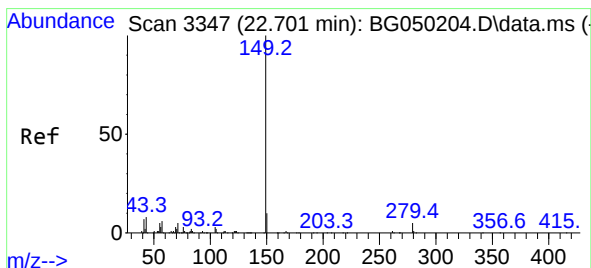
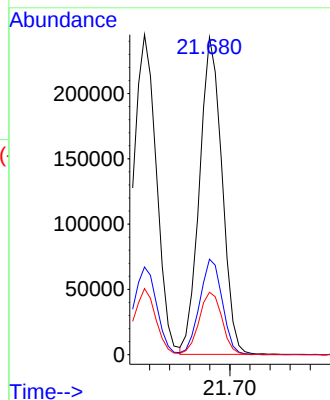
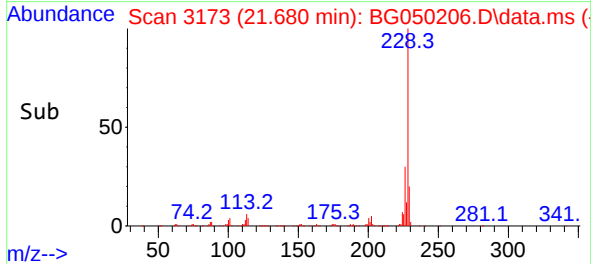




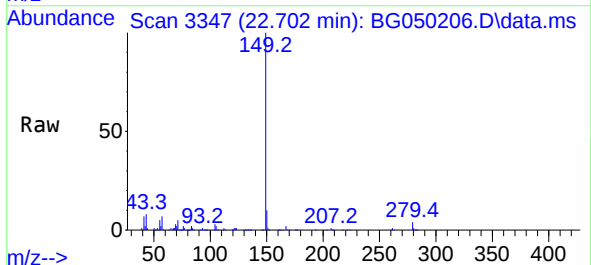
#87
Chrysene
Concen: 32.830 ng/ul
RT: 21.680 min Scan# 3173
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



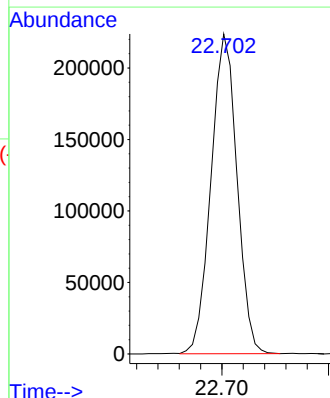
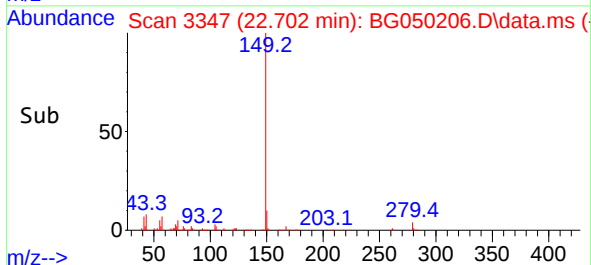
Tgt Ion:228 Resp: 378550
Ion Ratio Lower Upper
228 100
226 30.1 23.0 34.4
229 19.7 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 31.751 ng/ul
RT: 22.702 min Scan# 3347
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



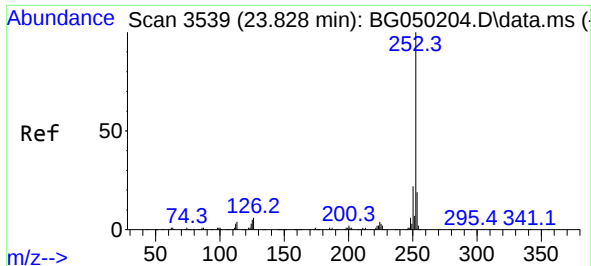
Tgt Ion:149 Resp: 377937



Instrument :
BNA_G
ClientSampled :
SLCS916

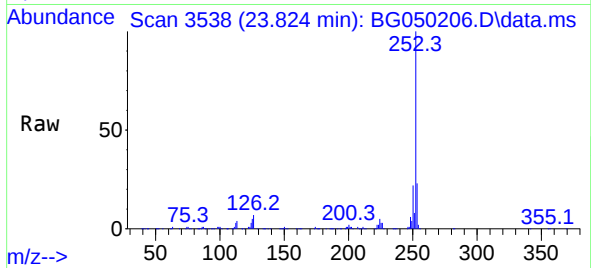
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#90
Benzo(b)fluoranthene
Concen: 33.065 ng/ul
RT: 23.824 min Scan# 3538
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

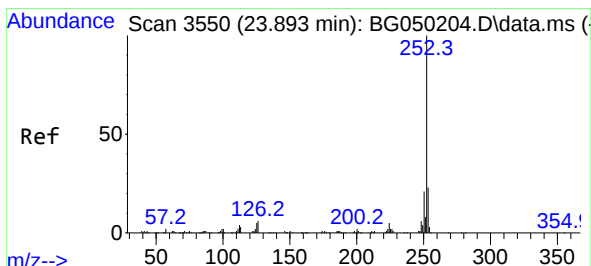
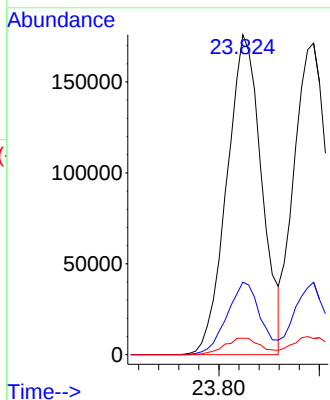
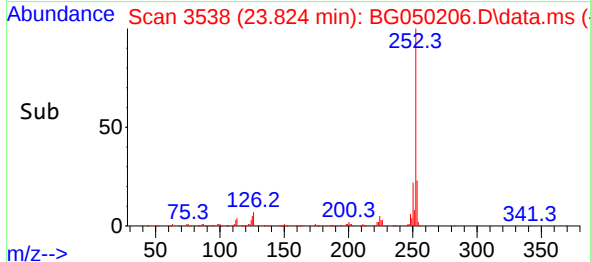
Instrument :
BNA_G
ClientSampled :
SLCS916



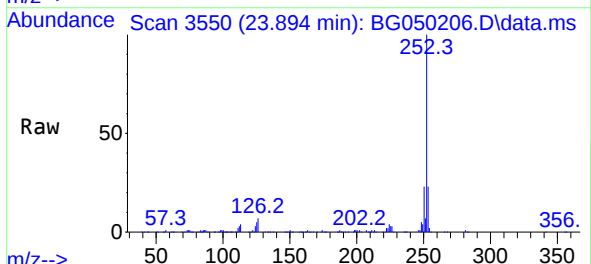
Tgt Ion:252 Resp: 425585
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 5.1 3.4 5.0#

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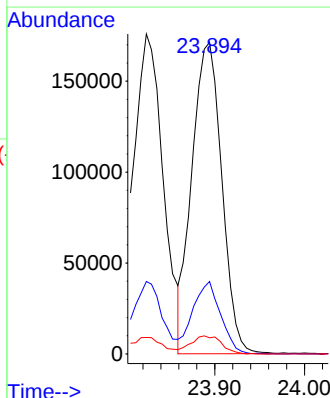
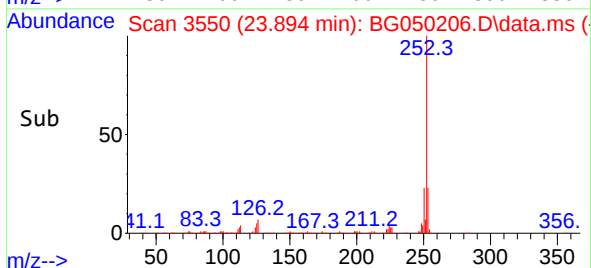
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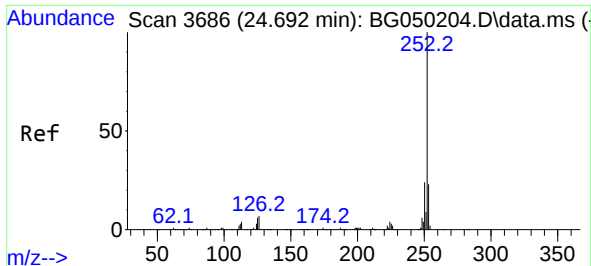


#91
Benzo(k)fluoranthene
Concen: 32.239 ng/ul
RT: 23.894 min Scan# 3550
Delta R.T. -0.005 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



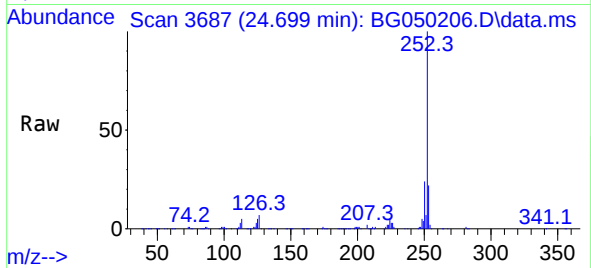
Tgt Ion:252 Resp: 396104
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 5.2 4.1 6.1





#93
Benzo(a)pyrene
Concen: 32.399 ng/ul
RT: 24.699 min Scan# 3687
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

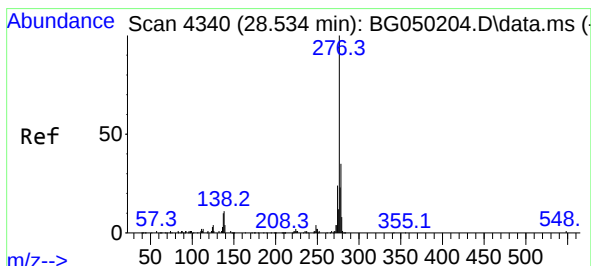
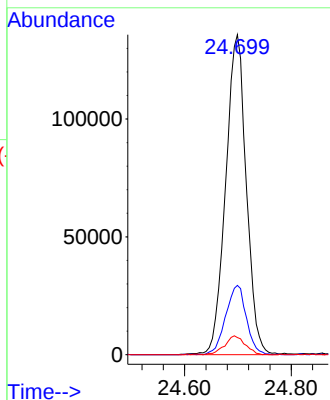
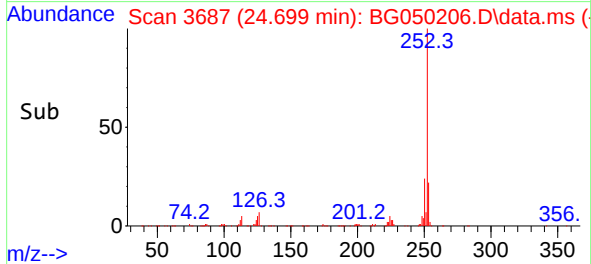
Instrument :
BNA_G
ClientSampled :
SLCS916



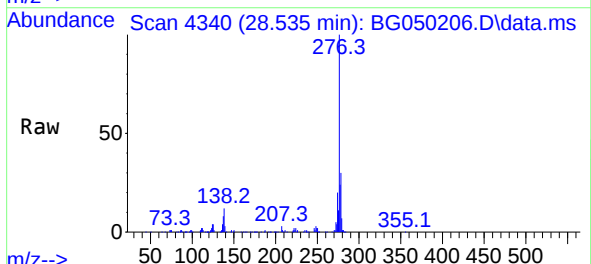
Tgt Ion:252 Resp: 364576
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 5.4 4.4 6.6

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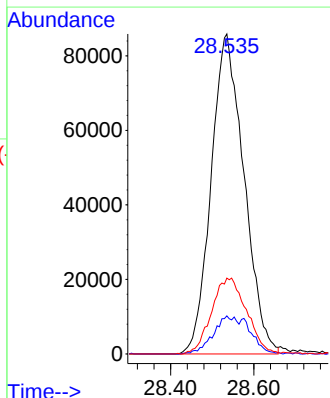
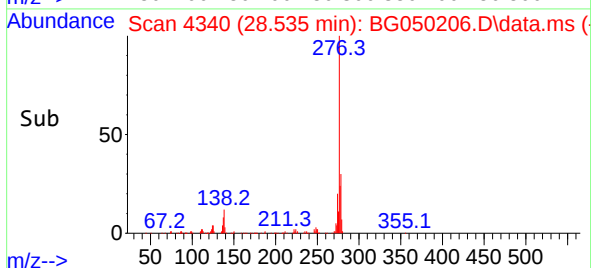
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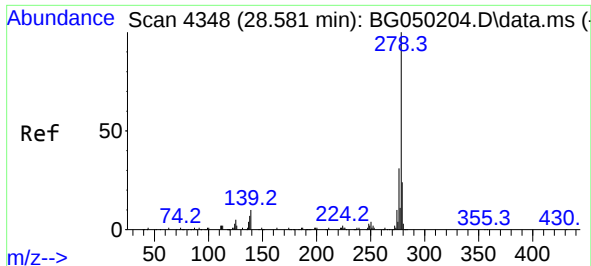


#94
Indeno(1,2,3-cd)pyrene
Concen: 31.881 ng/ul
RT: 28.535 min Scan# 4340
Delta R.T. -0.011 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



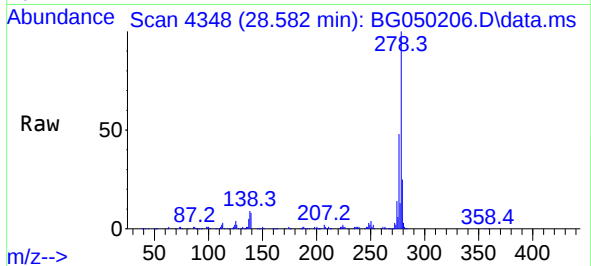
Tgt Ion:276 Resp: 470070
Ion Ratio Lower Upper
276 100
138 11.9 5.5 8.3#
277 23.7 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 31.691 ng/ul
RT: 28.582 min Scan# 4348
Delta R.T. -0.017 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04

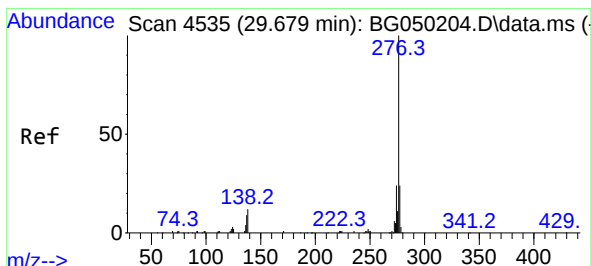
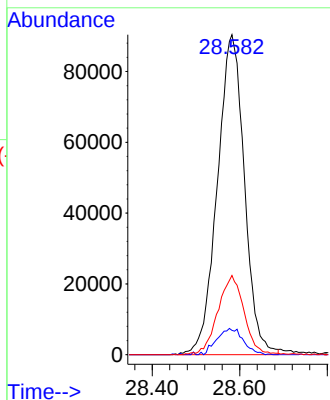
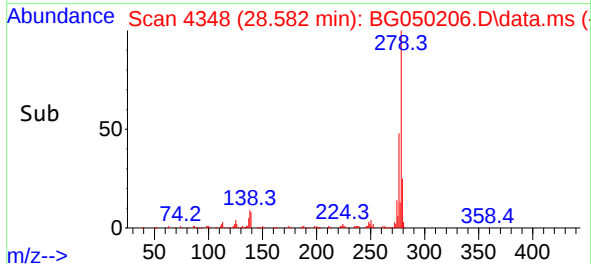
Instrument :
BNA_G
ClientSampled :
SLCS916



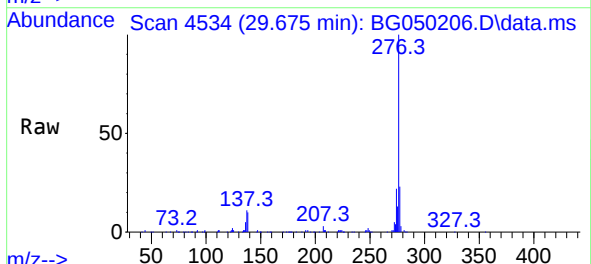
Tgt Ion:278 Resp: 387625
Ion Ratio Lower Upper
278 100
139 7.6 5.2 7.8
279 24.7 19.0 28.4

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#96
Benzo(g,h,i)perylene
Concen: 31.753 ng/ul
RT: 29.675 min Scan# 4534
Delta R.T. -0.023 min
Lab File: BG050206.D
Acq: 8 Sep 2021 20:04



Tgt Ion:276 Resp: 375105
Ion Ratio Lower Upper
276 100
138 10.2 8.6 13.0
277 23.2 17.4 26.0

