

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050118.D
 Acq On : 3 Sep 2021 6:04
 Operator : CG/JU
 Sample : PB138772BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS772

Manual Integrations
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Quant Time: Sep 03 07:12:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	25614	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	102753	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.616	164	68420	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.372	188	146133	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.642	240	150291	20.000	ng/u1	0.00
88) Perylene-d12	24.861	264	149229	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	4325	8.707	ng/uL	-0.01
4) Pyridine-d5	3.731	84	55947	37.394	ng/u1	-0.01
7) Phenol-d5	7.121	99	86141	39.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	46757	38.694	ng/u1	0.00
11) 2-Chlorophenol-d4	7.479	132	62290	38.274	ng/u1	-0.01
15) 4-Methylphenol-d8	8.672	113	66626	38.895	ng/u1	-0.01
21) Nitrobenzene-d5	9.124	128	32455	40.741	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	37677	39.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	67037	39.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	83919	36.442	ng/u1	-0.01
46) Dimethylphthalate-d6	14.011	166	211106	40.316	ng/u1	-0.01
49) Acenaphthylene-d8	14.305	160	252907	41.193	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.846	143	28036	37.007	ng/u1	0.00
60) Fluorene-d10	15.609	176	178454	40.196	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	38550	41.004	ng/u1	0.00
73) Anthracene-d10	17.466	188	281042	42.828	ng/u1	-0.01
81) Pyrene-d10	19.762	212	344192	42.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.638	264	325361	41.096	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.338	88	9260m	15.292	ng/uL	
5) Pyridine	3.755	79	65875	40.738	ng/u1	89
6) Benzaldehyde	7.085	77	58461	46.707	ng/u1	94
8) Phenol	7.150	94	92427	42.071	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.362	93	64762	42.702	ng/u1	97
12) 2-Chlorophenol	7.514	128	69867	43.445	ng/u1#	84
13) 2-Methylphenol	8.407	108	71209	42.013	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.484	45	66063	41.540	ng/u1#	90
16) Acetophenone	8.783	105	116159	41.581	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.760	70	61374	43.754	ng/u1	97
18) 4-Methylphenol	8.742	108	74404	40.805	ng/u1	89
19) Hexachloroethane	9.036	117	30420	43.223	ng/u1	96
22) Nitrobenzene	9.165	77	92421	42.816	ng/u1	99
23) Isophorone	9.688	82	167591	43.576	ng/u1	98
25) 2-Nitrophenol	9.882	139	40956	44.410	ng/u1	90
26) 2,4-Dimethylphenol	9.946	107	85984	41.952	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.170	93	87467	44.042	ng/u1#	93
29) 2,4-Dichlorophenol	10.428	162	69095	44.495	ng/u1	93
30) Naphthalene	10.822	128	222429	43.309	ng/u1	97
32) 4-Chloroaniline	10.933	127	91808	41.397	ng/u1	93
33) Hexachlorobutadiene	11.098	225	53845	42.863	ng/u1	98
34) Caprolactam	11.703	113	24034m	44.184	ng/u1	
35) 4-Chloro-3-methylphenol	12.073	107	82355	44.375	ng/u1	99
36) 2-Methylnaphthalene	12.437	142	165654	43.390	ng/u1	97

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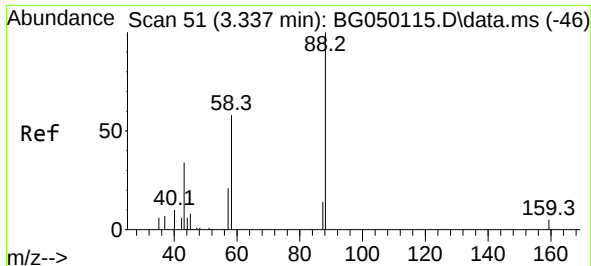
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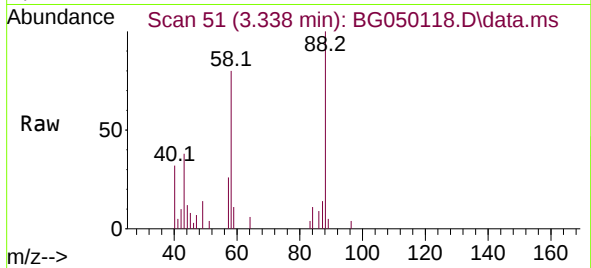
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	161754	41.975	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.807	216	92778	46.167	ng/ul#	97
40) Hexachlorocyclopentadiene	12.778	237	15662	17.414	ng/ul	93
41) 2,4,6-Trichlorophenol	13.054	196	57188	44.655	ng/ul	89
42) 2,4,5-Trichlorophenol	13.136	196	58623	43.676	ng/ul	97
43) 1,1'-Biphenyl	13.442	154	215704	45.126	ng/ul	98
44) 2-Chloronaphthalene	13.489	162	168999	44.016	ng/ul	98
45) 2-Nitroaniline	13.700	65	58387	44.789	ng/ul	98
47) Dimethylphthalate	14.058	163	224333	43.290	ng/ul	99
48) 2,6-Dinitrotoluene	14.194	165	47957	44.824	ng/ul	87
50) Acenaphthylene	14.335	152	256344	45.683	ng/ul	97
51) 3-Nitroaniline	14.522	138	46582	45.120	ng/ul	94
52) Acenaphthene	14.681	153	181964	44.703	ng/ul	98
53) 2,4-Dinitrophenol	14.752	184	21305m	38.989	ng/ul	
55) 4-Nitrophenol	14.857	109	33851	35.242	ng/ul	91
56) Dibenzofuran	15.016	168	249297	44.226	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	69532	45.181	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	51264	46.091	ng/ul#	96
59) Diethylphthalate	15.427	149	229920	43.371	ng/ul	98
61) Fluorene	15.668	166	212038	44.585	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.650	204	112603	44.749	ng/ul	96
63) 4-Nitroaniline	15.697	138	47680	46.280	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.762	198	37345	43.824	ng/ul	96
67) N-Nitrosodiphenylamine	15.868	169	181623	47.207	ng/ul	98
68) 4-Bromophenyl-phenylether	16.549	248	80781	49.971	ng/ul	98
69) Hexachlorobenzene	16.678	284	88991	47.673	ng/ul	95
70) Atrazine	16.819	200	81762	47.837	ng/ul	96
71) Pentachlorophenol	17.031	266	26422	33.427	ng/ul	91
72) Phenanthrene	17.413	178	355113	48.745	ng/ul	98
74) Anthracene	17.501	178	349687	47.367	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	94860	48.383	ng/ul	93
76) Pentachlorobenzene	14.940	250	99545	47.916	ng/ul	97
77) Carbazole	17.777	167	315808	48.074	ng/ul	99
78) Di-n-butylphthalate	18.317	149	392163	46.677	ng/ul	99
80) Fluoranthene	19.428	202	446134	44.515	ng/ul#	98
82) Pyrene	19.792	202	442522	44.560	ng/ul	99
83) Butylbenzylphthalate	20.661	149	179826	45.885	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.537	252	153726	43.150	ng/ul	95
85) Benzo(a)anthracene	21.625	228	418876	44.729	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.513	149	246378	45.777	ng/ul	100
87) Chrysene	21.689	228	401791	45.388	ng/ul	95
89) Di-n-octyl phthalate	22.711	149	408756	46.173	ng/ul	100
90) Benzo(b)fluoranthene	23.839	252	432654	45.325	ng/ul#	98
91) Benzo(k)fluoranthene	23.904	252	420671	46.362	ng/ul	99
93) Benzo(a)pyrene	24.715	252	383606	46.273	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	494431	45.214	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.603	278	413004	45.115	ng/ul	99
96) Benzo(g,h,i)perylene	29.714	276	408939	44.481	ng/ul	98

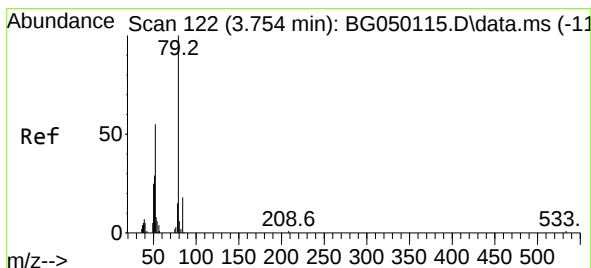
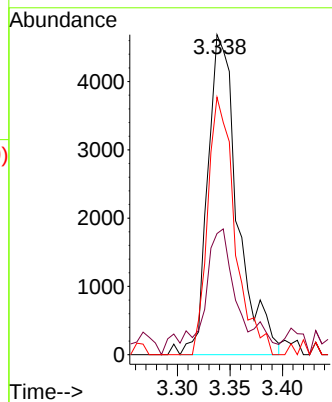
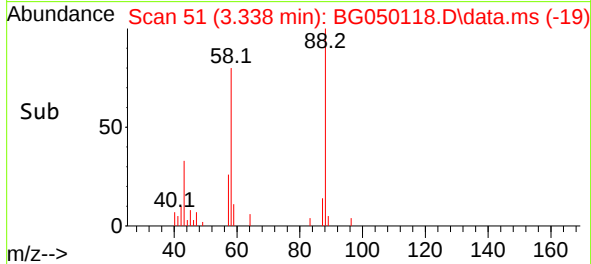
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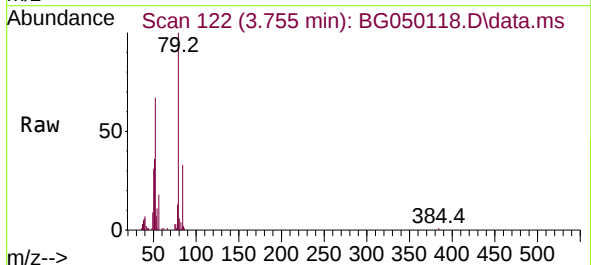
#2
1,4-Dioxane
Concen: 15.292 ng/uL m
RT: 3.338 min Scan# 51
Delta R.T. -0.011 min
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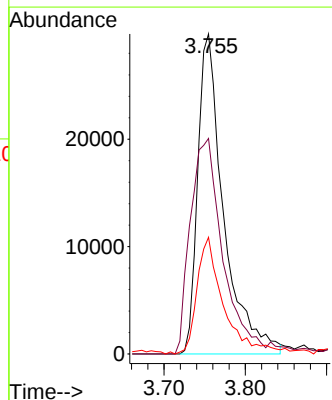
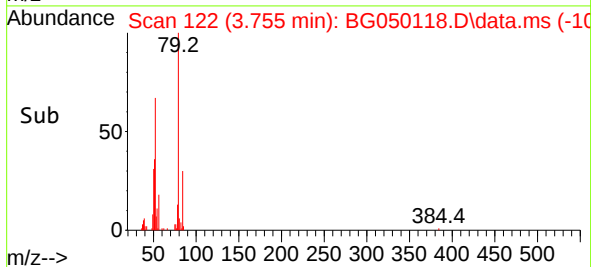
Tgt Ion: 88 Resp: 9260
Ion Ratio Lower Upper
88 100
43 37.9 21.6 32.4#
58 80.4 52.0 78.0#



#5
Pyridine
Concen: 40.738 ng/uL
RT: 3.755 min Scan# 122
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



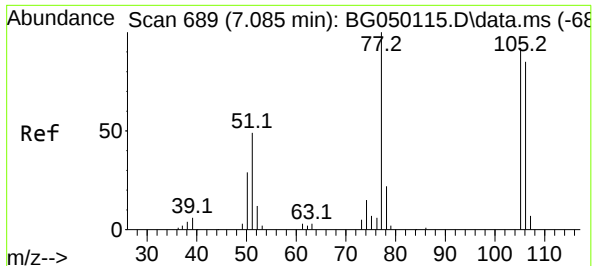
Tgt Ion: 79 Resp: 65875
Ion Ratio Lower Upper
79 100
52 67.3 61.1 91.7
51 36.5 34.8 52.2



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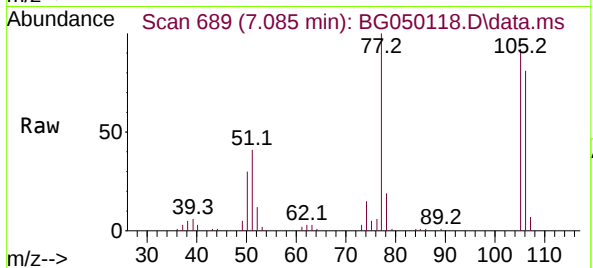
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#6
Benzaldehyde
Concen: 46.707 ng/ul
RT: 7.085 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

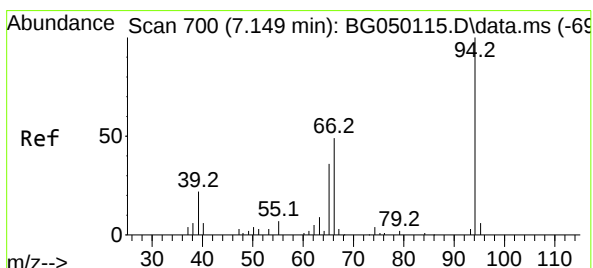
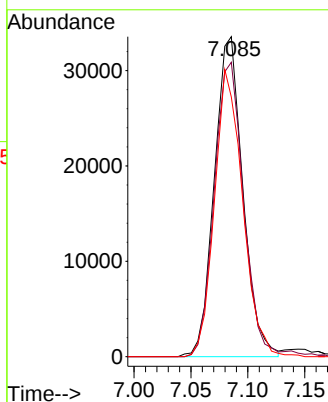
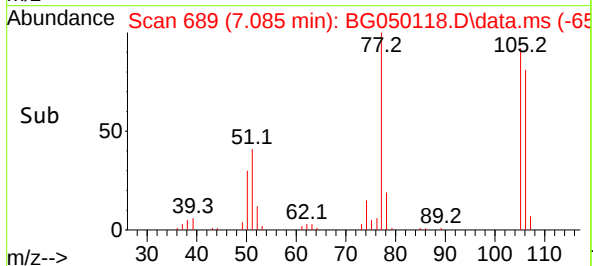
Instrument :
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ClientSampled :
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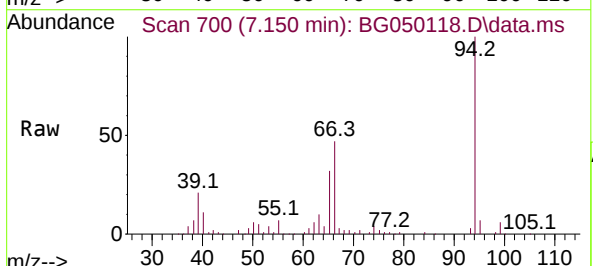
Tgt Ion: 77 Resp: 58461
Ion Ratio Lower Upper
77 100
105 92.0 72.3 108.5
106 81.2 72.3 108.5

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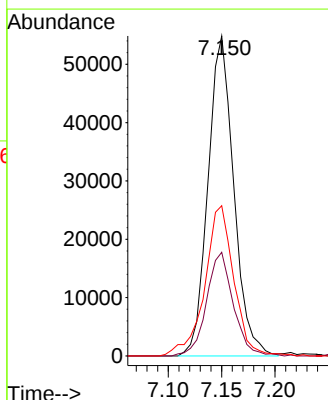
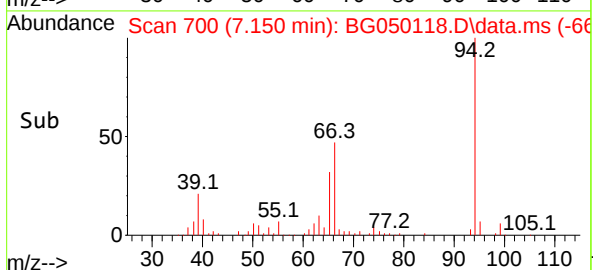
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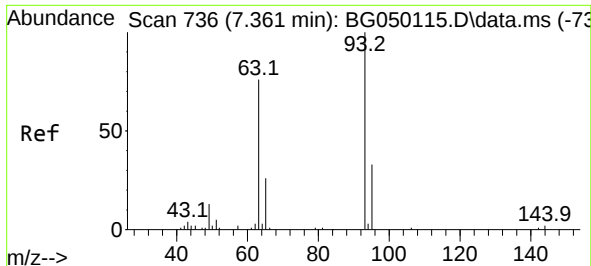


#8
Phenol
Concen: 42.071 ng/ul
RT: 7.150 min Scan# 700
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



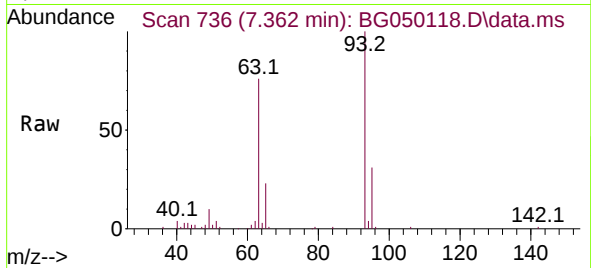
Tgt Ion: 94 Resp: 92427
Ion Ratio Lower Upper
94 100
65 32.4 27.7 41.5
66 46.9 39.0 58.4





#10
Bis(2-Chloroethyl)ether
Concen: 42.702 ng/ul
RT: 7.362 min Scan# 736
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

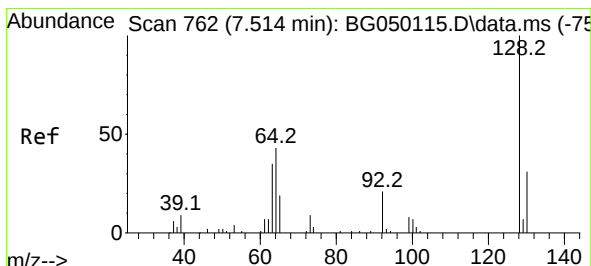
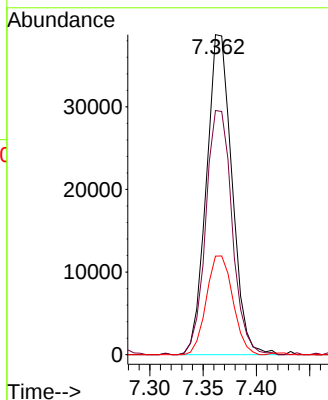
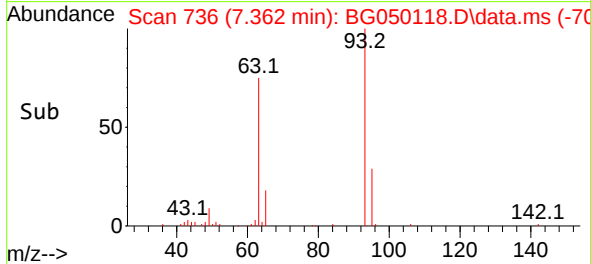
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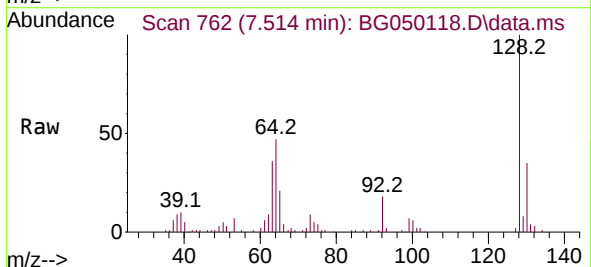
Tgt Ion:	93	Resp:	64762
Ion Ratio	Lower	Upper	
93	100		
63	76.3	59.9	89.9
95	30.8	27.6	41.4

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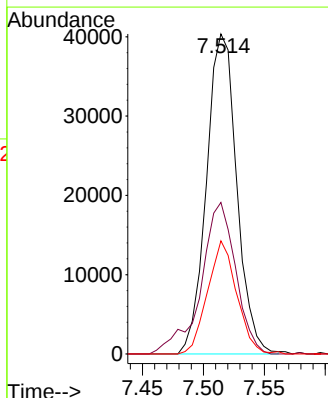
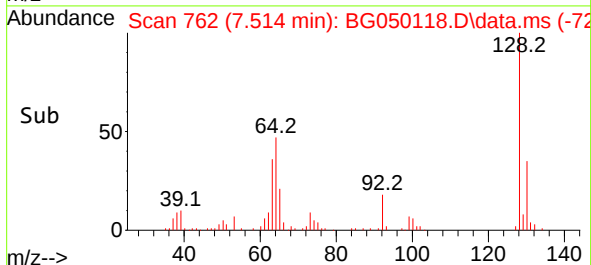
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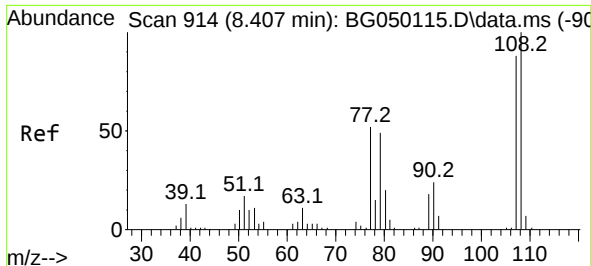


#12
2-Chlorophenol
Concen: 43.445 ng/ul
RT: 7.514 min Scan# 762
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



Tgt Ion:	128	Resp:	69867
Ion Ratio	Lower	Upper	
128	100		
64	47.4	28.0	42.0#
130	35.4	24.4	36.6





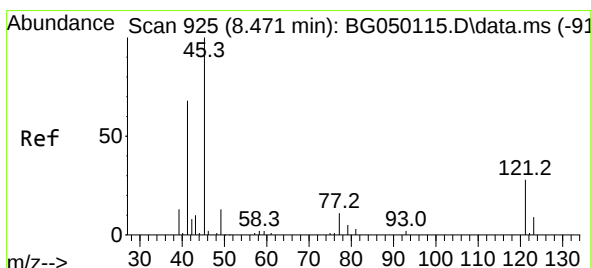
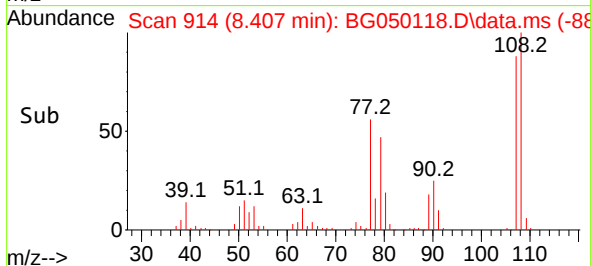
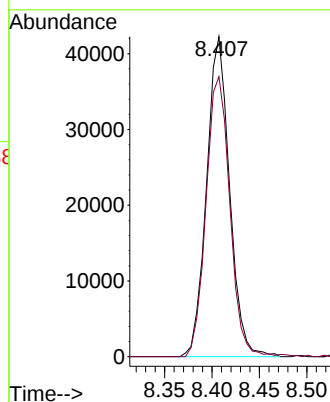
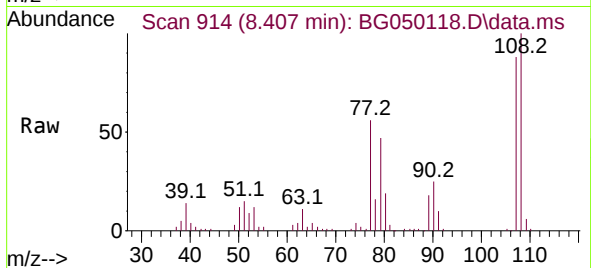
#13
2-Methylphenol
Concen: 42.013 ng/ul
RT: 8.407 min Scan# 914
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

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Tgt Ion:108 Resp: 71209
Ion Ratio Lower Upper
108 100
107 87.5 71.0 106.4

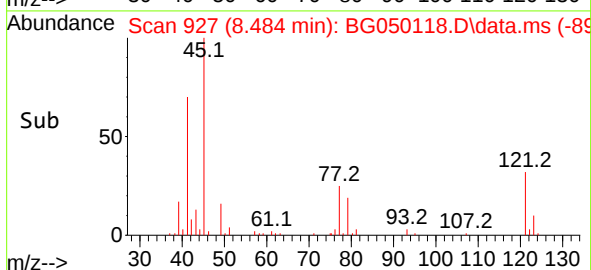
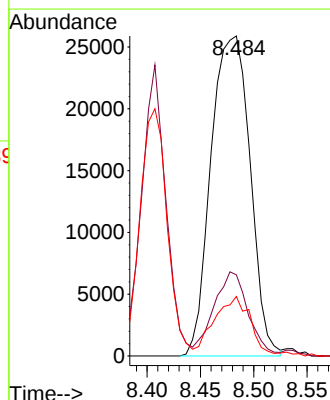
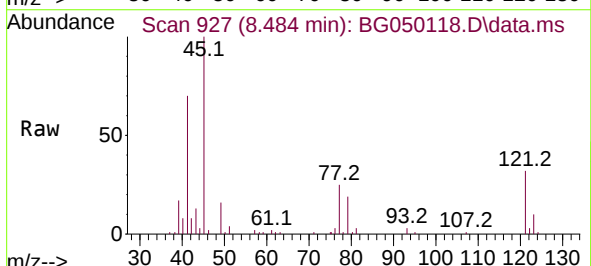
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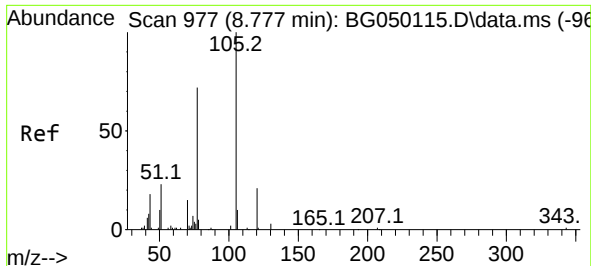
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 41.540 ng/ul
RT: 8.484 min Scan# 927
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

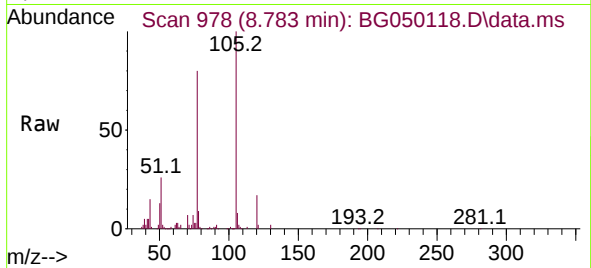
Tgt Ion: 45 Resp: 66063
Ion Ratio Lower Upper
45 100
77 25.4 16.9 25.3#
79 18.6 11.0 16.4#





#16
Acetophenone
Concen: 41.581 ng/ul
RT: 8.783 min Scan# 978
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

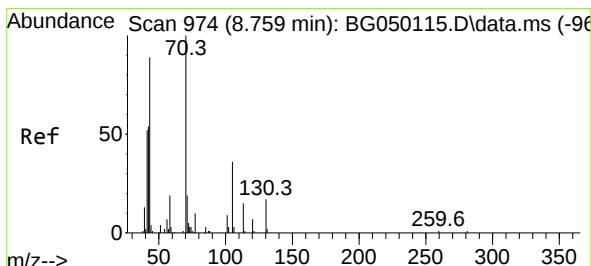
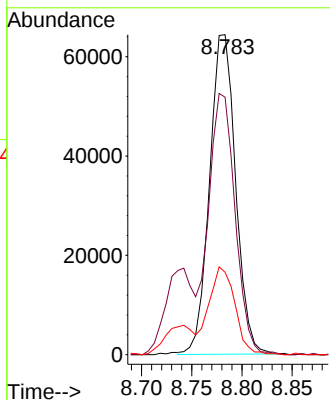
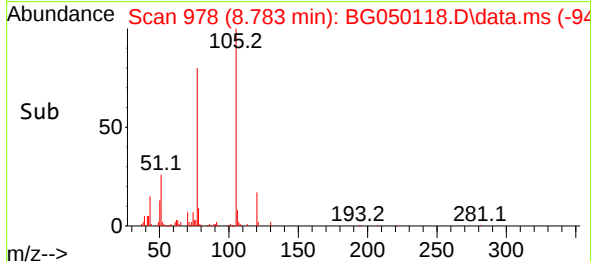
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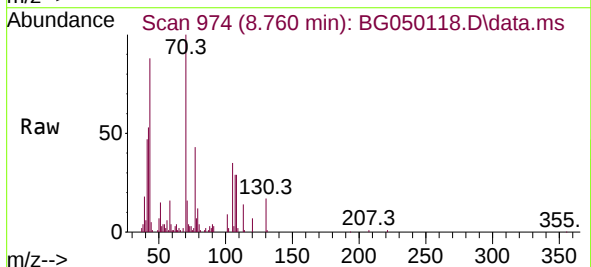
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Ion Ratio Lower Upper
105 100
77 80.5 67.7 101.5
51 25.8 25.3 37.9

Manual Integrations
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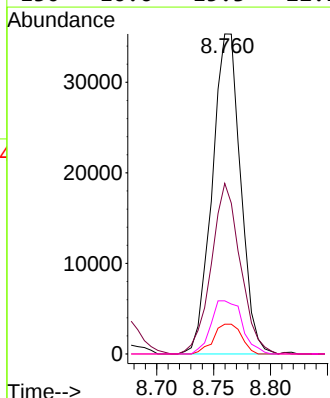
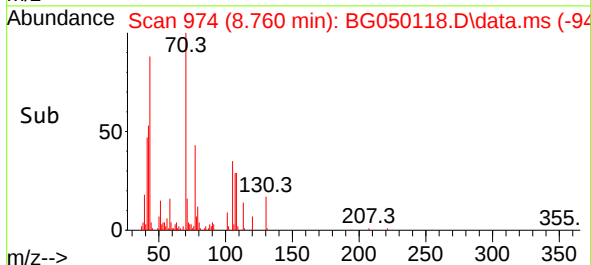
mohammad
9/3/2021 3:32:31 PM

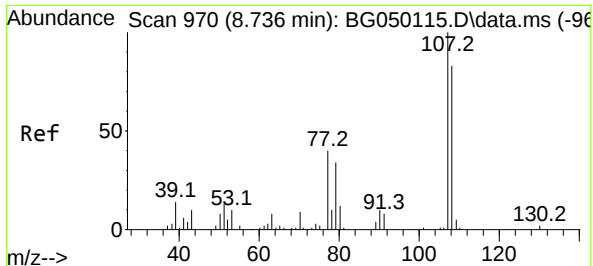


#17
N-Nitroso-di-n-propylamine
Concen: 43.754 ng/ul
RT: 8.760 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



Tgt Ion: 70 Resp: 61374
Ion Ratio Lower Upper
70 100
42 53.3 44.2 66.4
101 9.3 7.8 11.8
130 16.6 15.3 22.9





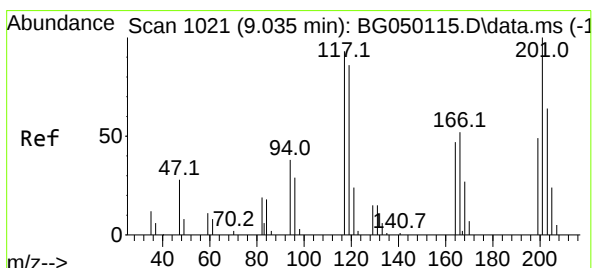
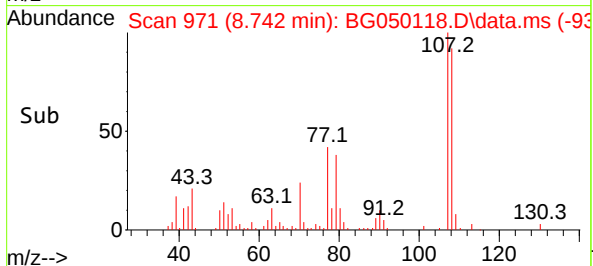
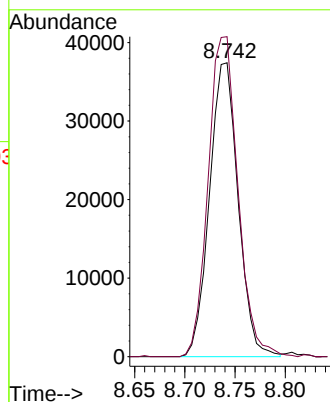
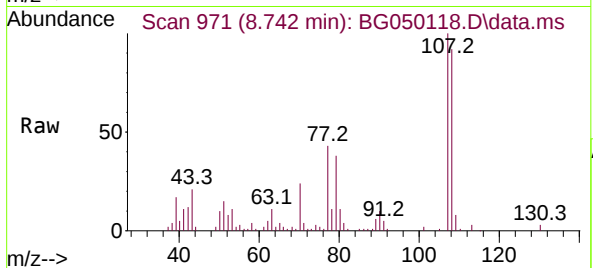
#18
4-Methylphenol
Concen: 40.805 ng/ul
RT: 8.742 min Scan# 971
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Instrument :
BNA_G
ClientSampled :
SLCS772

Tgt Ion:108 Resp: 74404
Ion Ratio Lower Upper
108 100
107 108.9 78.3 117.5

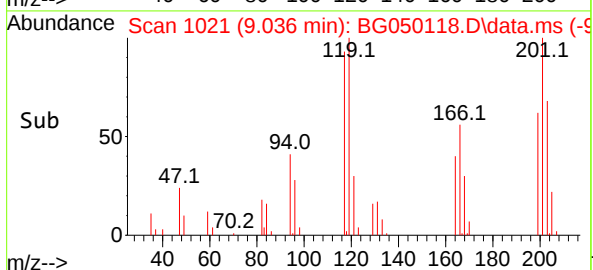
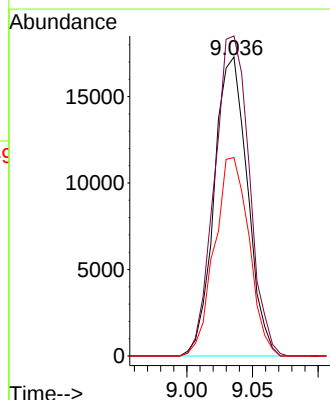
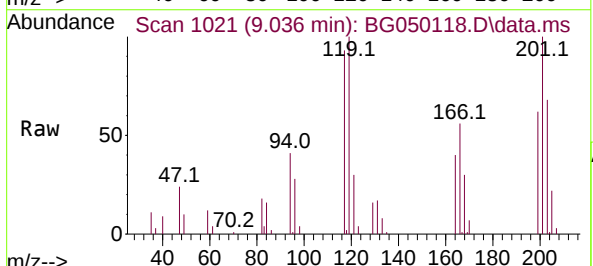
Manual Integrations
APPROVED

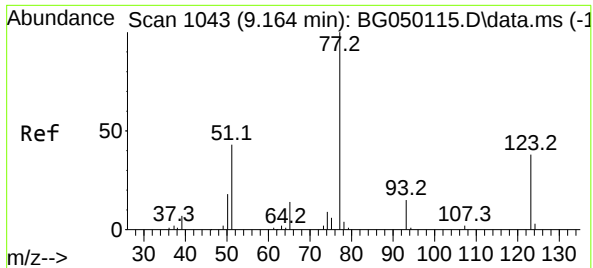
mohammad
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#19
Hexachloroethane
Concen: 43.223 ng/ul
RT: 9.036 min Scan# 1021
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion:117 Resp: 30420
Ion Ratio Lower Upper
117 100
201 107.0 89.3 133.9
199 66.3 50.5 75.7





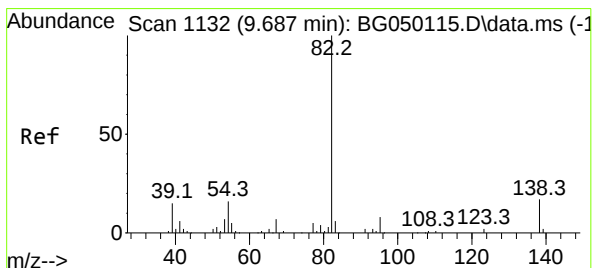
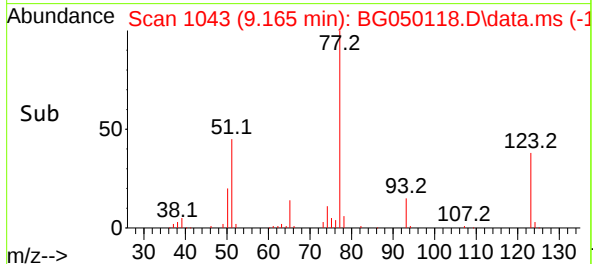
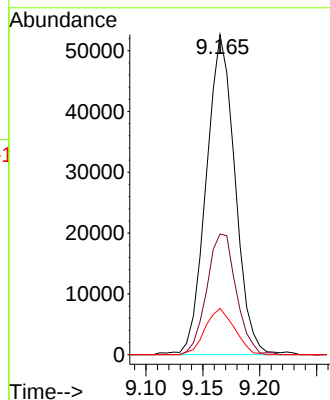
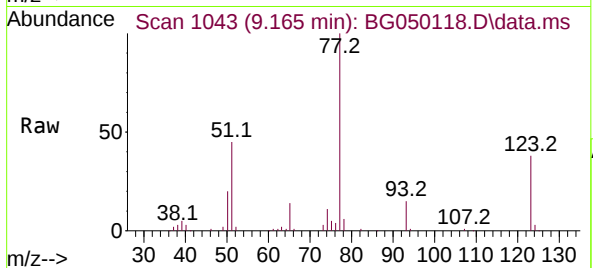
#22
Nitrobenzene
Concen: 42.816 ng/ul
RT: 9.165 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion: 77 Resp: 92421
Ion Ratio Lower Upper
77 100
123 37.7 30.4 45.6
65 14.4 11.3 16.9

Instrument :
BNA_G
ClientSampled :
SLCS772

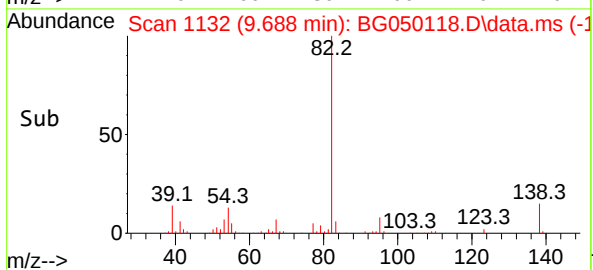
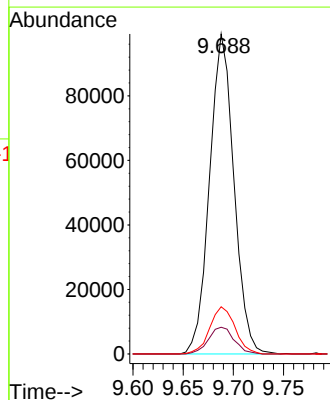
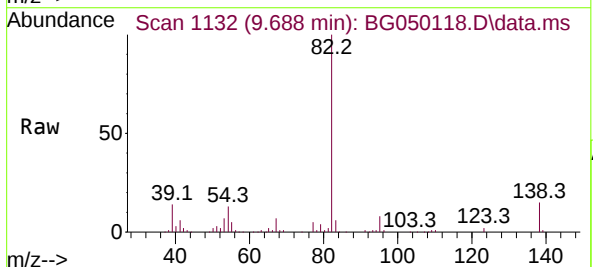
Manual Integrations
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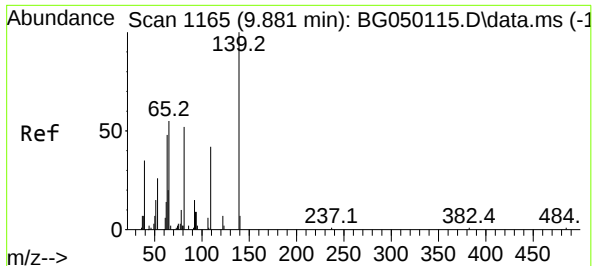
mohammad
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#23
Isophorone
Concen: 43.576 ng/ul
RT: 9.688 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

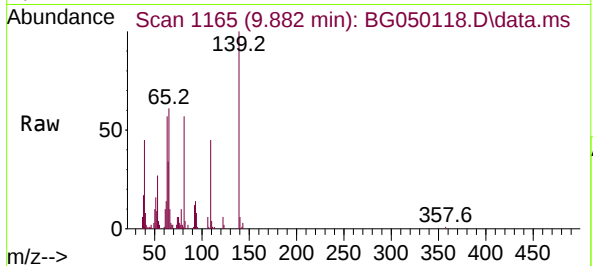
Tgt Ion: 82 Resp: 167591
Ion Ratio Lower Upper
82 100
95 8.4 7.8 11.8
138 14.7 11.4 17.0



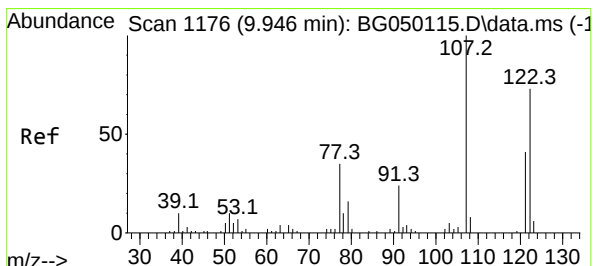
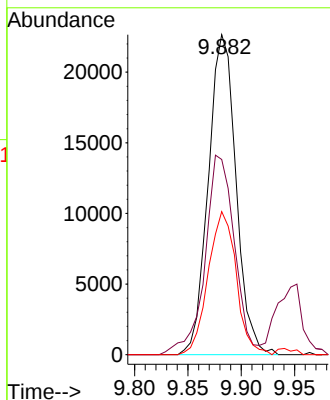
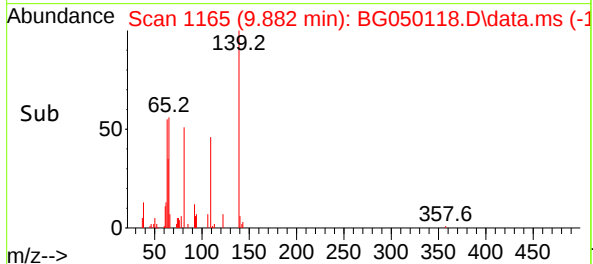


#25
2-Nitrophenol
Concen: 44.410 ng/ul
RT: 9.882 min Scan# 1165
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

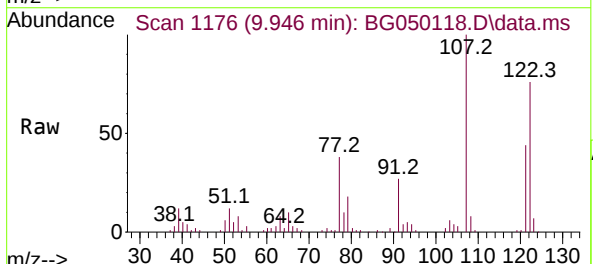
Instrument :
BNA_G
ClientSampled :
SLCS772



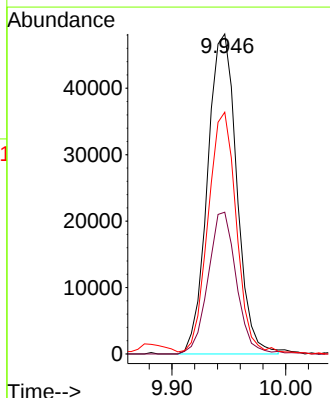
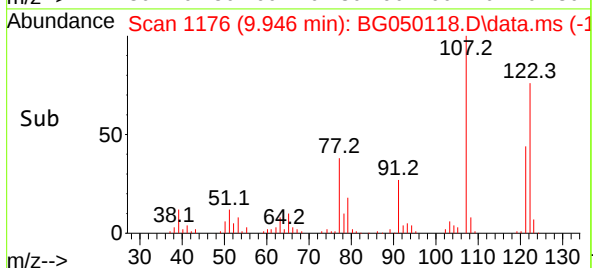
Tgt Ion:139 Resp: 40956
Ion Ratio Lower Upper
139 100
65 61.0 53.1 79.7
109 44.7 44.1 66.1

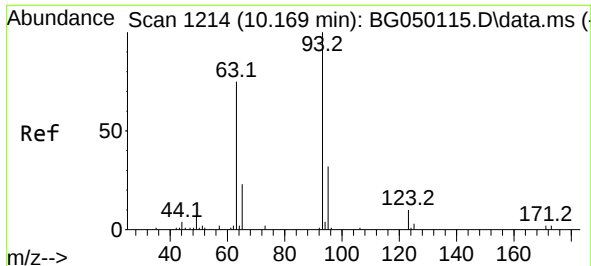


#26
2,4-Dimethylphenol
Concen: 41.952 ng/ul
RT: 9.946 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



Tgt Ion:107 Resp: 85984
Ion Ratio Lower Upper
107 100
121 44.3 32.7 49.1
122 75.6 52.6 79.0





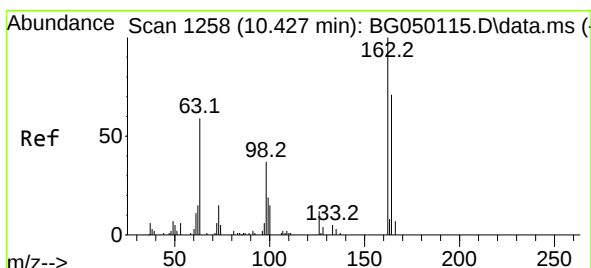
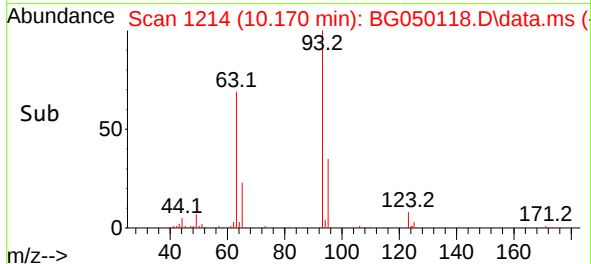
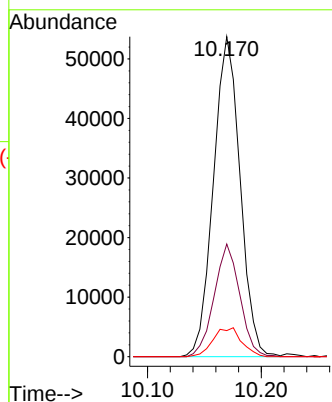
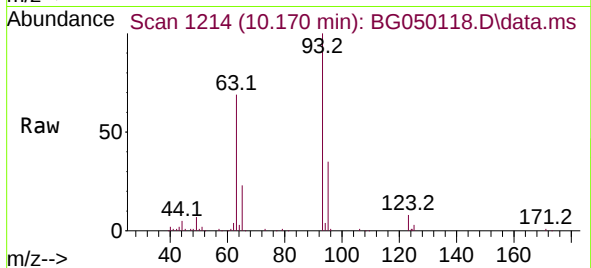
#27
 Bis(2-Chloroethoxy)methane
 Concen: 44.042 ng/ul
 RT: 10.170 min Scan# 1214
 Delta R.T. -0.011 min
 Lab File: BG050118.D
 Acq: 3 Sep 2021 6:04

Tgt Ion: 93 Resp: 87467
 Ion Ratio Lower Upper
 93 100
 95 35.2 24.8 37.2
 123 8.1 8.2 12.2#

Instrument :
 BNA_G
 ClientSampled :
 SLCS772

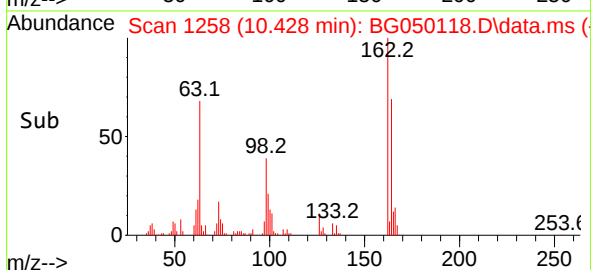
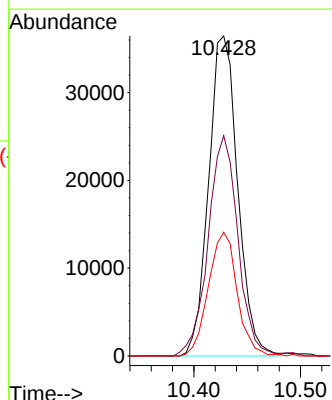
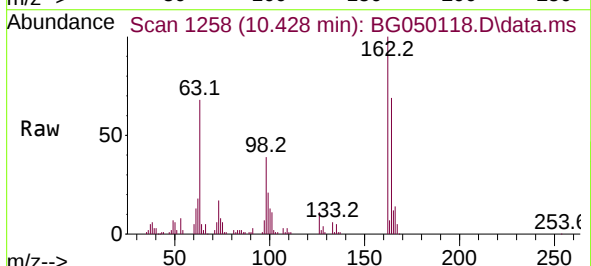
Manual Integrations
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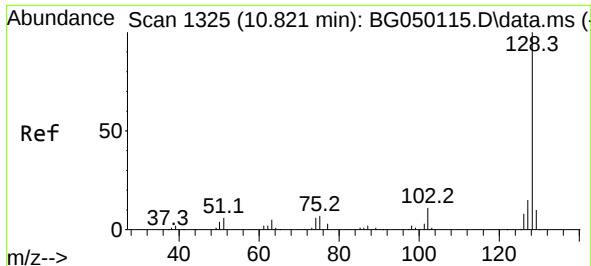
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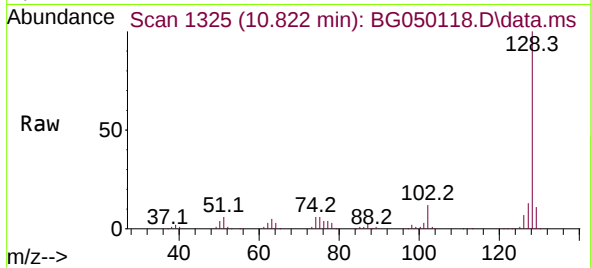
#29
 2,4-Dichlorophenol
 Concen: 44.495 ng/ul
 RT: 10.428 min Scan# 1258
 Delta R.T. -0.005 min
 Lab File: BG050118.D
 Acq: 3 Sep 2021 6:04

Tgt Ion: 162 Resp: 69095
 Ion Ratio Lower Upper
 162 100
 164 68.9 51.0 76.6
 98 38.7 27.8 41.8

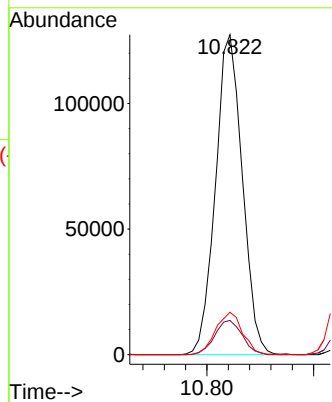
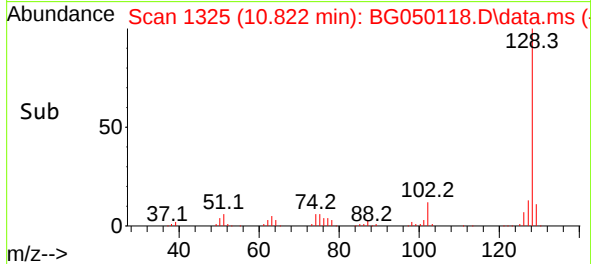




#30
Naphthalene
Concen: 43.309 ng/ul
RT: 10.822 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



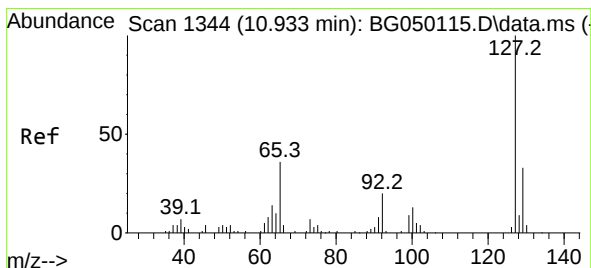
Tgt Ion:128 Resp: 222429
Ion Ratio Lower Upper
128 100
129 10.7 9.3 13.9
127 13.3 9.8 14.6



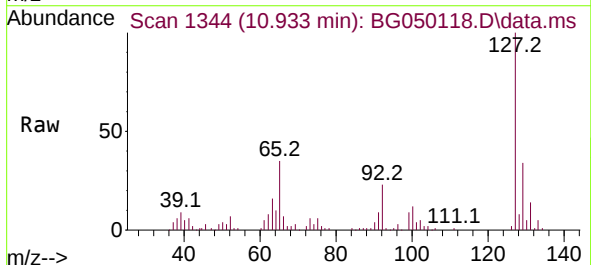
Instrument :
BNA_G
ClientSampled :
SLCS772

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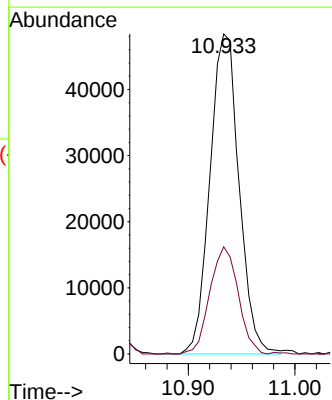
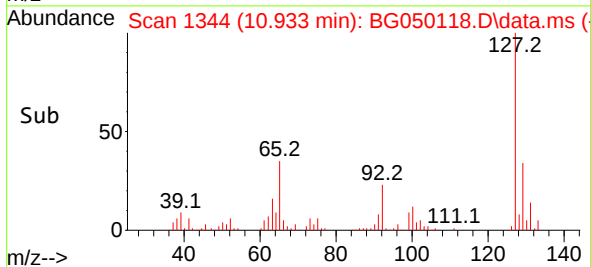
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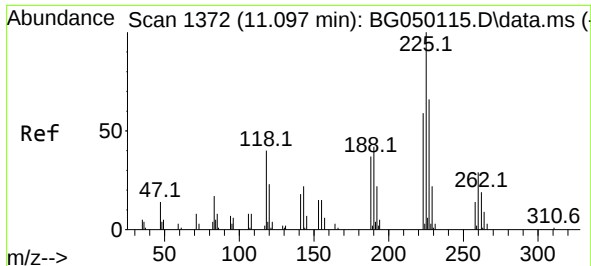


#32
4-Chloroaniline
Concen: 41.397 ng/ul
RT: 10.933 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



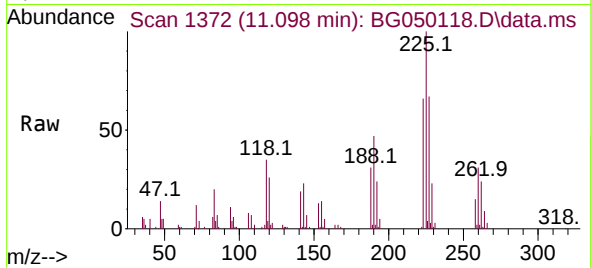
Tgt Ion:127 Resp: 91808
Ion Ratio Lower Upper
127 100
129 33.5 30.3 45.5





#33
Hexachlorobutadiene
Concen: 42.863 ng/ul
RT: 11.098 min Scan# 1372
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

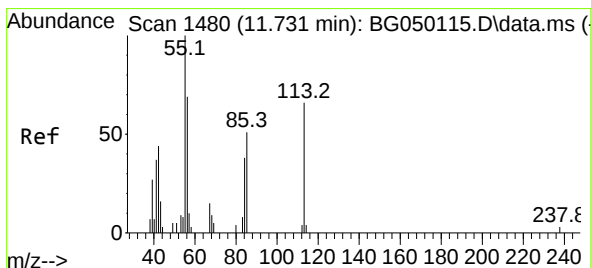
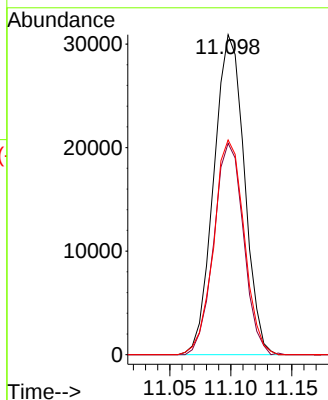
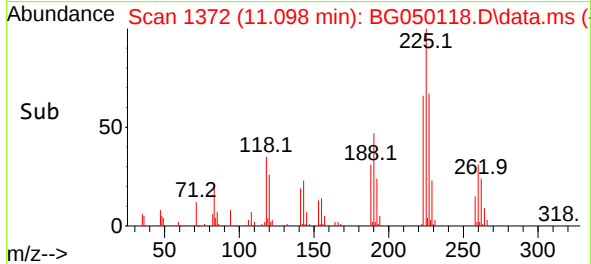
Instrument :
BNA_G
ClientSampled :
SLCS772



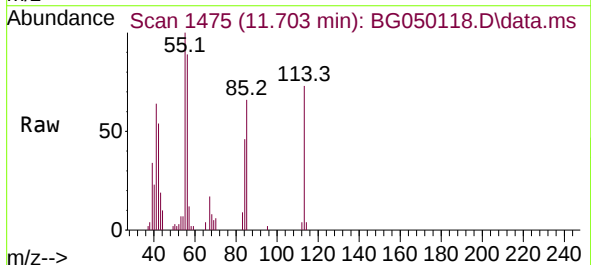
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	51.3	76.9
227	67.1	55.1	82.7

Manual Integrations
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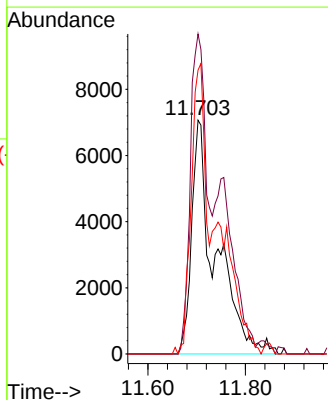
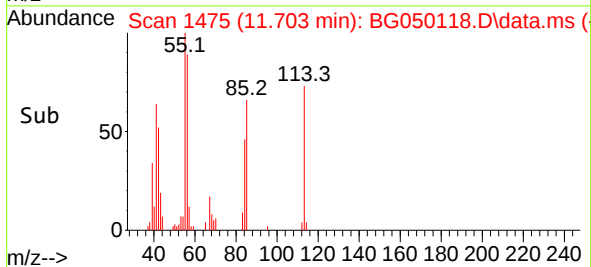
mohammad
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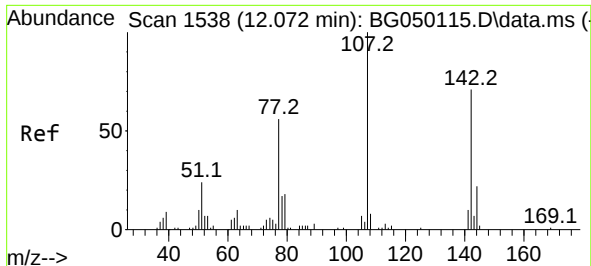


#34
Caprolactam
Concen: 44.184 ng/ul m
RT: 11.703 min Scan# 1475
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



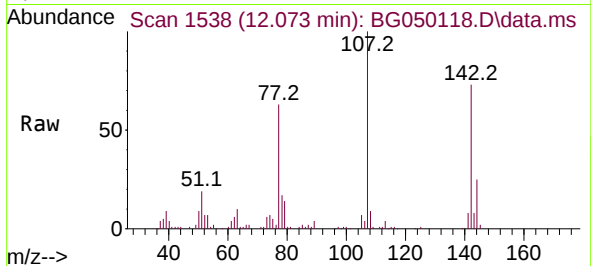
Tgt Ion	Ratio	Lower	Upper
113	100		
55	136.9	114.0	171.0
56	121.4	107.4	161.0





#35
4-Chloro-3-methylphenol
Concen: 44.375 ng/ul
RT: 12.073 min Scan# 1538
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

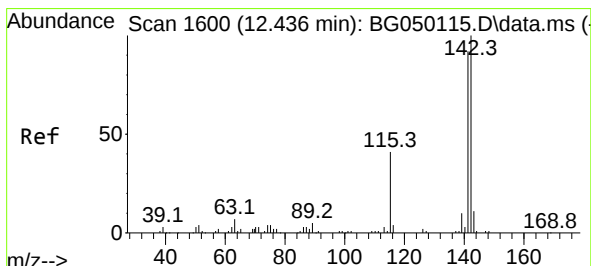
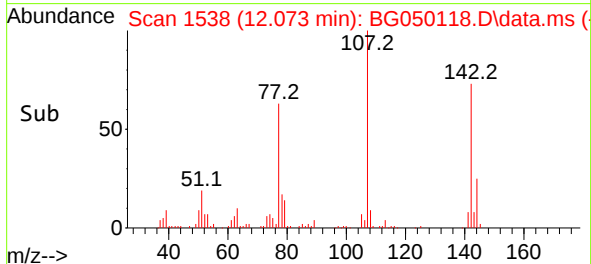
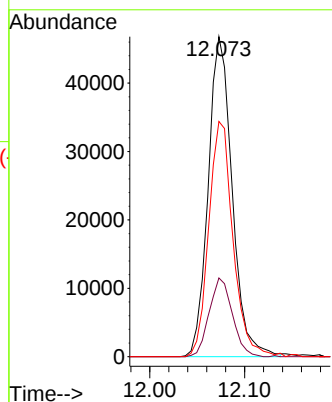
Instrument :
BNA_G
ClientSampled :
SLCS772



Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	18.9	28.3
142	73.5	59.2	88.8

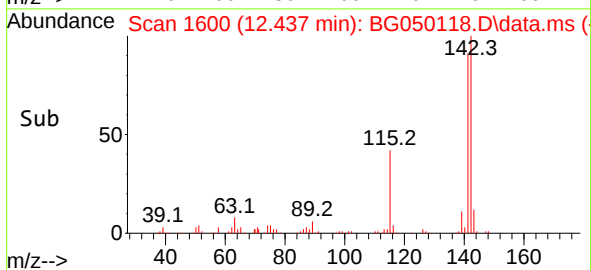
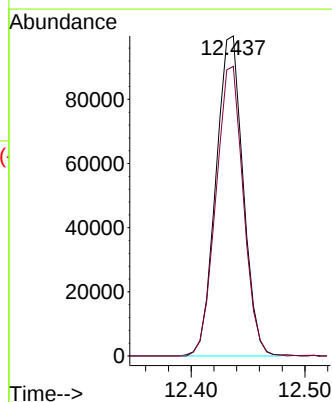
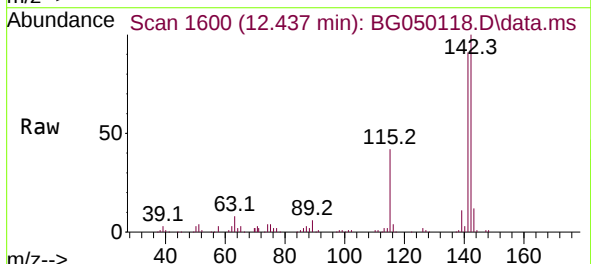
Manual Integrations
APPROVED

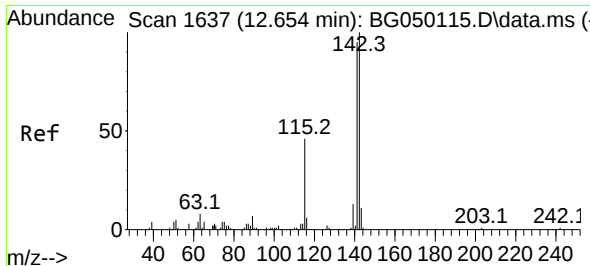
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#36
2-Methylnaphthalene
Concen: 43.390 ng/ul
RT: 12.437 min Scan# 1600
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.5	105.7





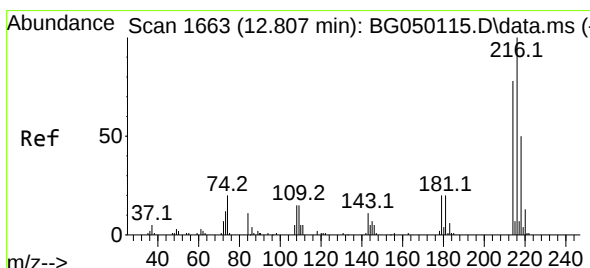
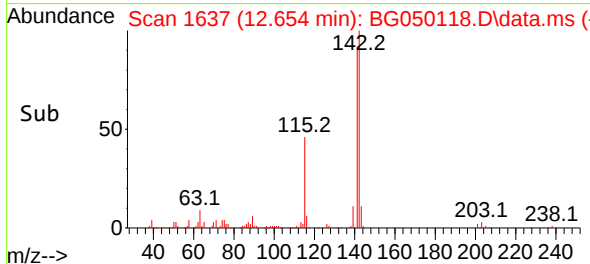
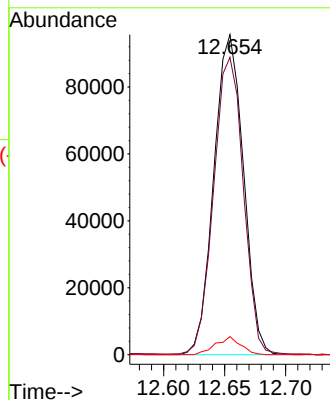
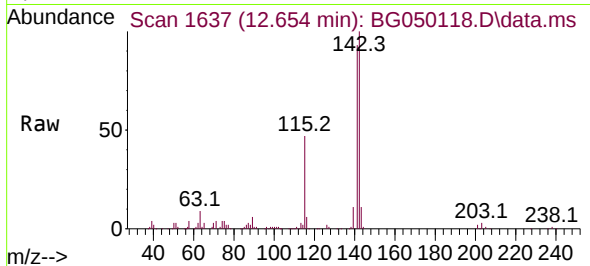
#37
1-Methylnaphthalene
Concen: 41.975 ng/ul
RT: 12.654 min Scan# 1637
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Instrument :
BNA_G
ClientSampled :
SLCS772

Tgt Ion:142 Resp: 161754
Ion Ratio Lower Upper
142 100
141 92.9 75.8 113.8
116 5.6 3.7 5.5#

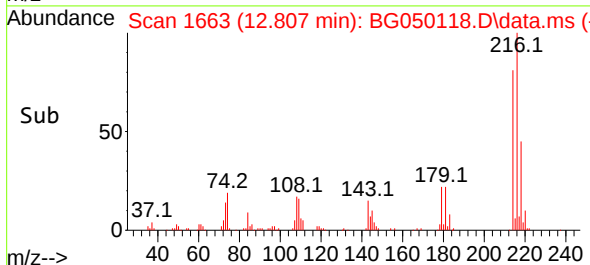
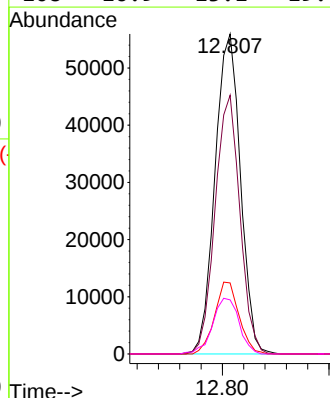
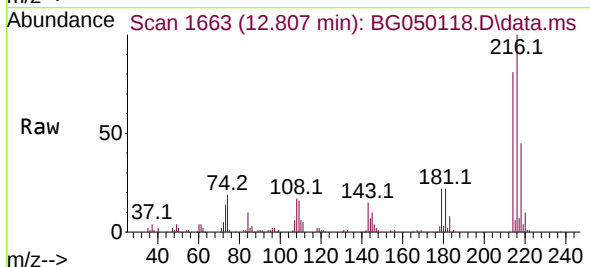
Manual Integrations
APPROVED

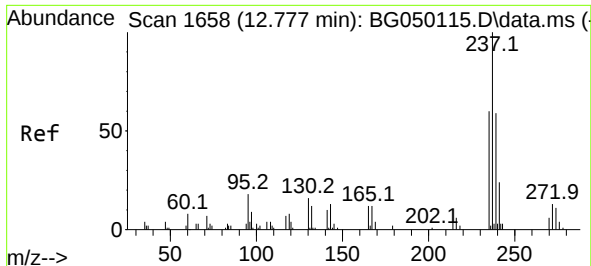
mohammad
9/3/2021 3:32:31 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.167 ng/ul
RT: 12.807 min Scan# 1663
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion:216 Resp: 92778
Ion Ratio Lower Upper
216 100
214 80.9 64.2 96.2
179 22.2 12.8 19.2#
108 16.9 13.1 19.7





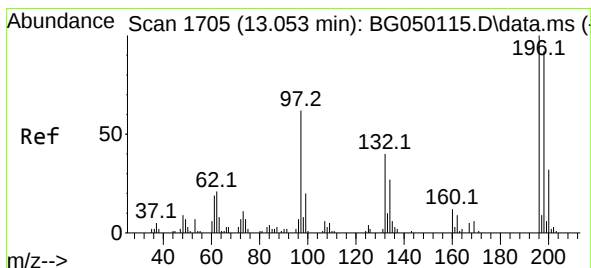
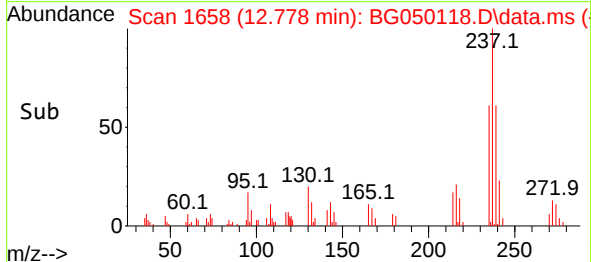
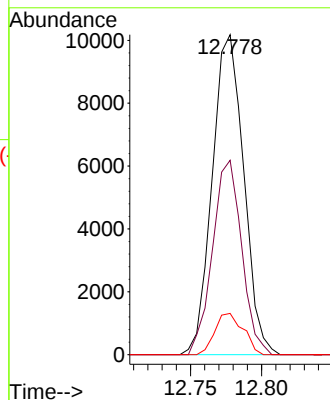
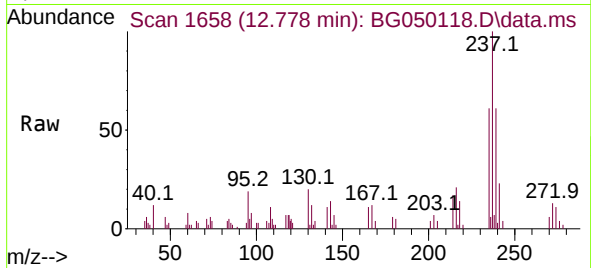
#40
Hexachlorocyclopentadiene
Concen: 17.414 ng/ul
RT: 12.778 min Scan# 1658
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion:	237	Resp:	15662
Ion Ratio	Lower	Upper	
237	100		
235	60.7	53.5	80.3
272	12.9	11.5	17.3

Instrument :
BNA_G
ClientSampled :
SLCS772

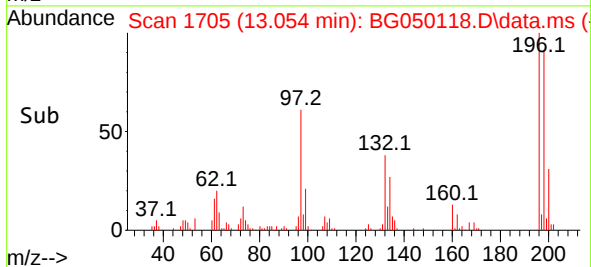
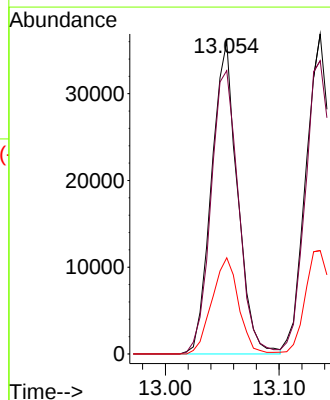
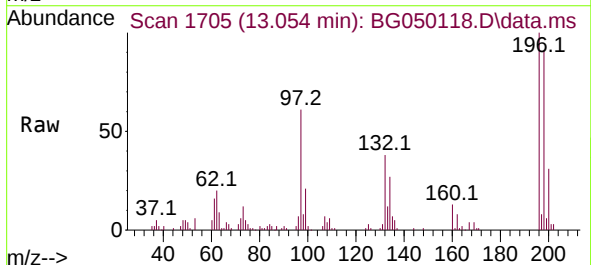
Manual Integrations
APPROVED

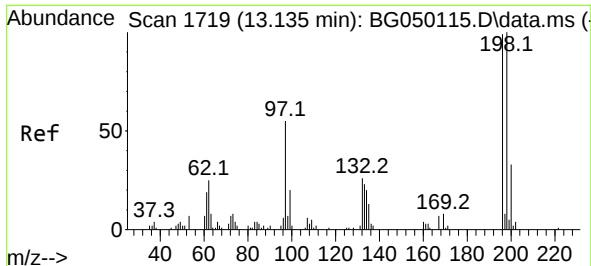
mohammad
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#41
2,4,6-Trichlorophenol
Concen: 44.655 ng/ul
RT: 13.054 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

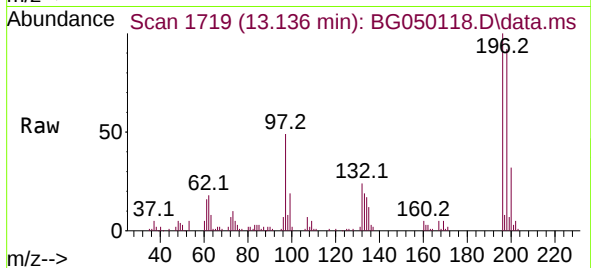
Tgt Ion:	196	Resp:	57188
Ion Ratio	Lower	Upper	
196	100		
198	90.6	83.7	125.5
200	30.8	25.9	38.9





#42
2,4,5-Trichlorophenol
Concen: 43.676 ng/ul
RT: 13.136 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

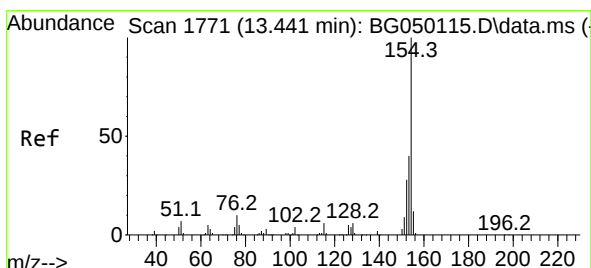
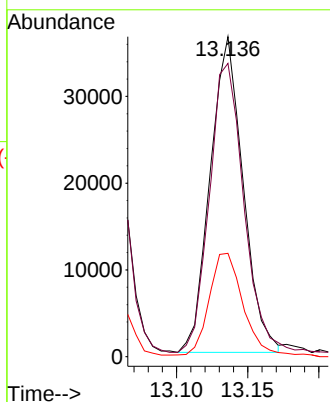
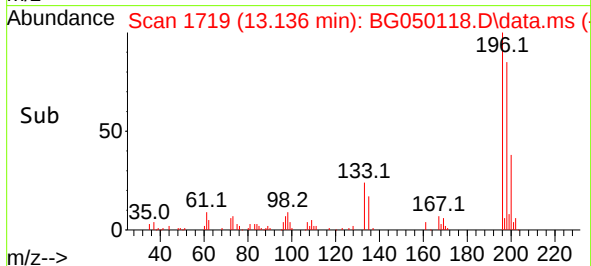
Instrument :
BNA_G
ClientSampled :
SLCS772



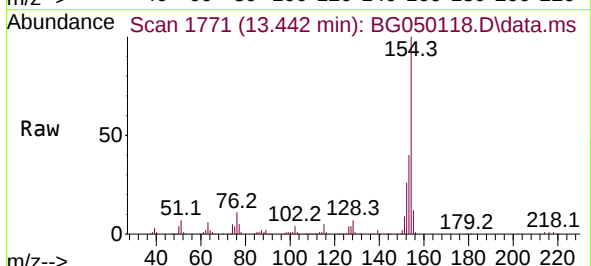
Tgt Ion:196 Resp: 58623
Ion Ratio Lower Upper
196 100
198 91.6 70.3 105.5
200 32.3 26.6 40.0

Manual Integrations
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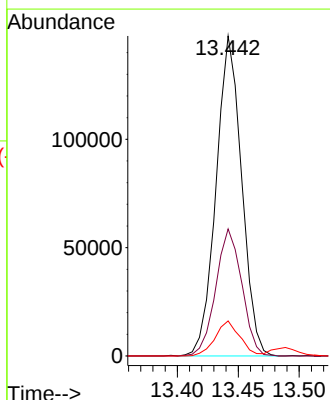
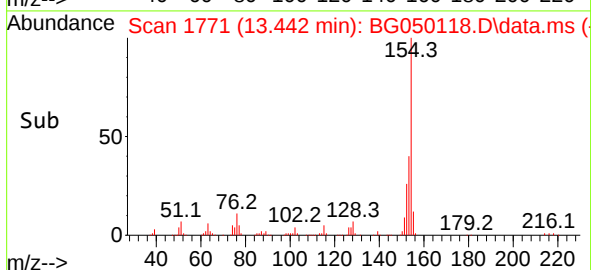
mohammad
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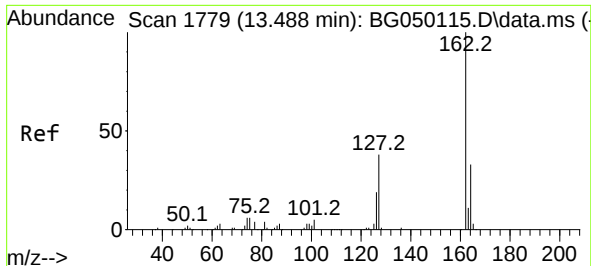


#43
1,1'-Biphenyl
Concen: 45.126 ng/ul
RT: 13.442 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



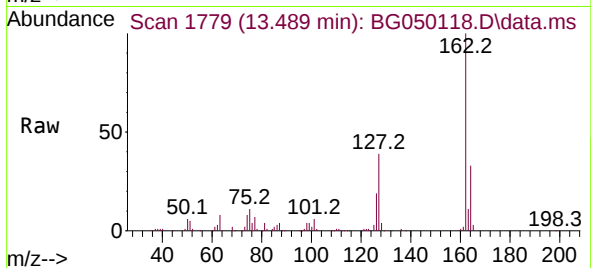
Tgt Ion:154 Resp: 215704
Ion Ratio Lower Upper
154 100
153 39.7 32.5 48.7
76 11.0 7.8 11.8





#44
2-Chloronaphthalene
Concen: 44.016 ng/ul
RT: 13.489 min Scan# 1779
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

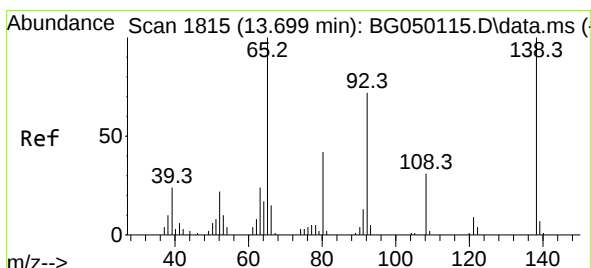
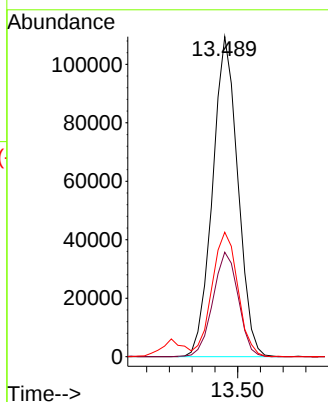
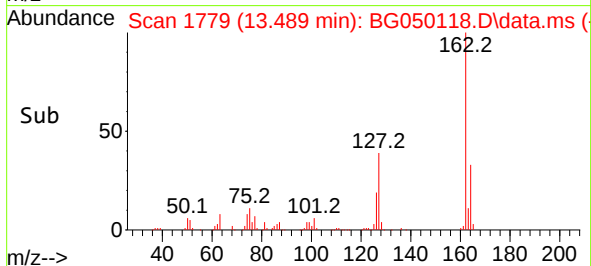
Instrument :
BNA_G
ClientSampled :
SLCS772



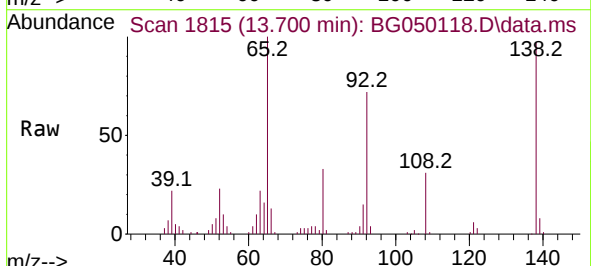
Tgt Ion:162 Resp: 168999
Ion Ratio Lower Upper
162 100
164 32.6 25.2 37.8
127 38.9 31.9 47.9

Manual Integrations
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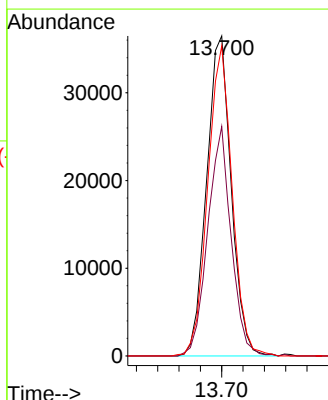
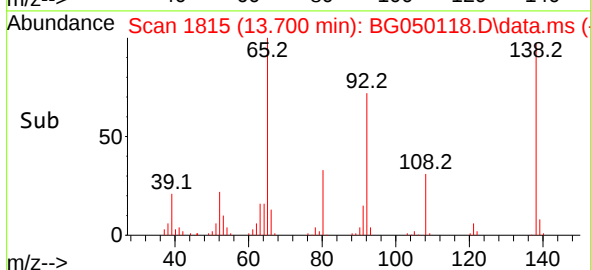
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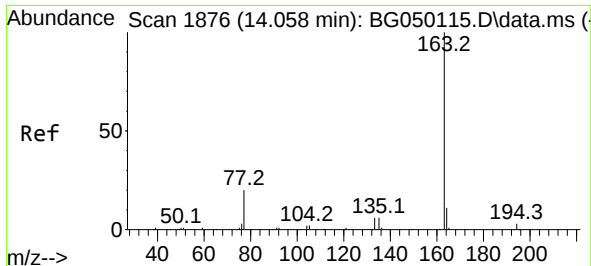


#45
2-Nitroaniline
Concen: 44.789 ng/ul
RT: 13.700 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



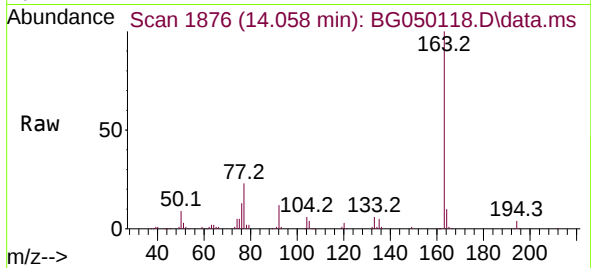
Tgt Ion: 65 Resp: 58387
Ion Ratio Lower Upper
65 100
92 71.7 55.6 83.4
138 96.9 78.7 118.1





#47
Dimethylphthalate
Concen: 43.290 ng/ul
RT: 14.058 min Scan# 1876
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

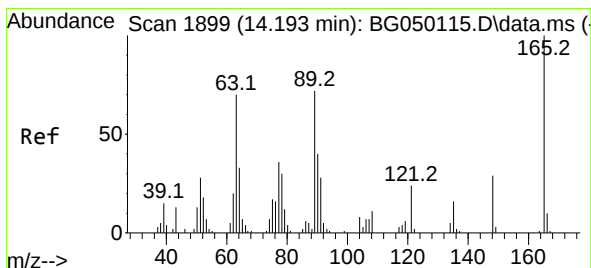
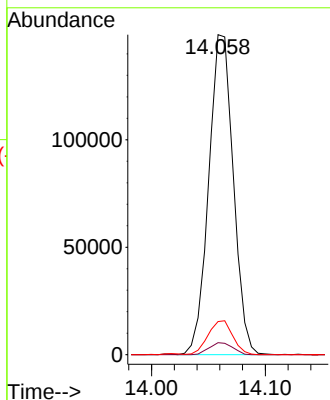
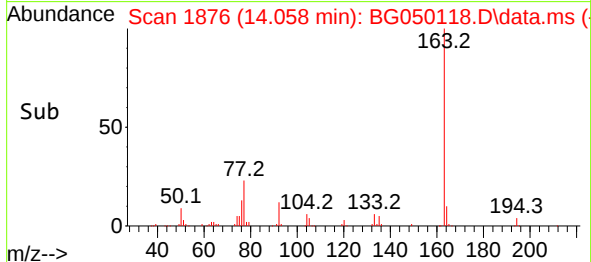
Instrument :
BNA_G
ClientSampled :
SLCS772



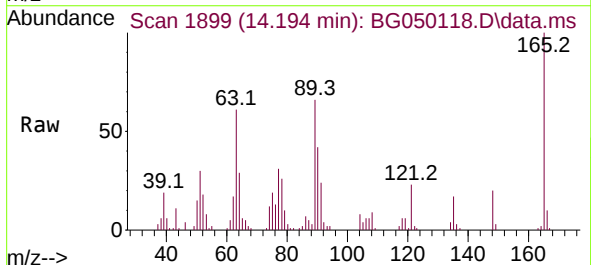
Tgt Ion:163 Resp: 224333
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.2 12.4

Manual Integrations
APPROVED

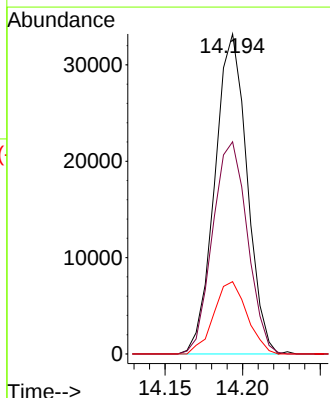
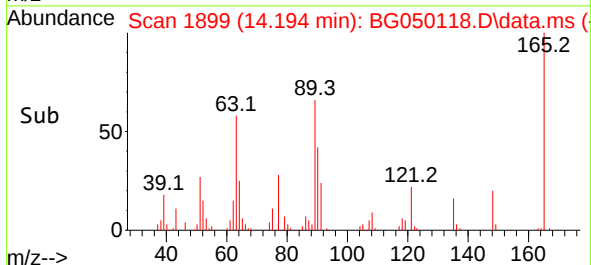
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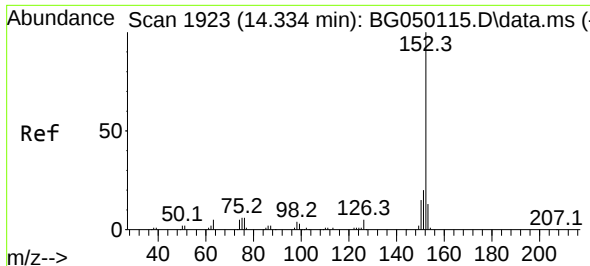


#48
2,6-Dinitrotoluene
Concen: 44.824 ng/ul
RT: 14.194 min Scan# 1899
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



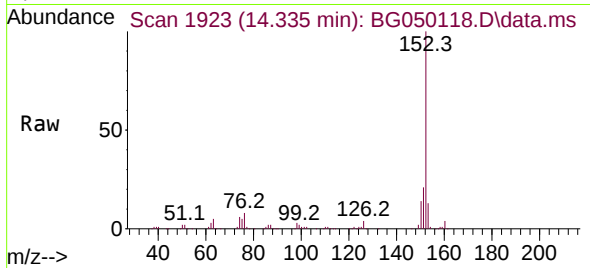
Tgt Ion:165 Resp: 47957
Ion Ratio Lower Upper
165 100
89 66.3 62.5 93.7
121 22.6 22.2 33.2





#50
Acenaphthylene
Concen: 45.683 ng/ul
RT: 14.335 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

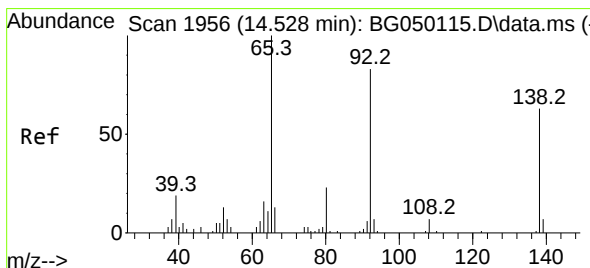
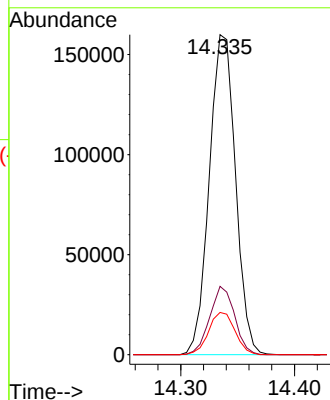
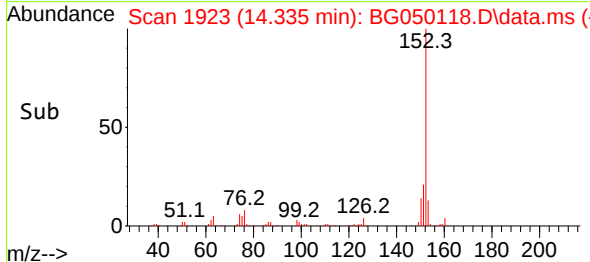
Instrument :
BNA_G
ClientSampled :
SLCS772



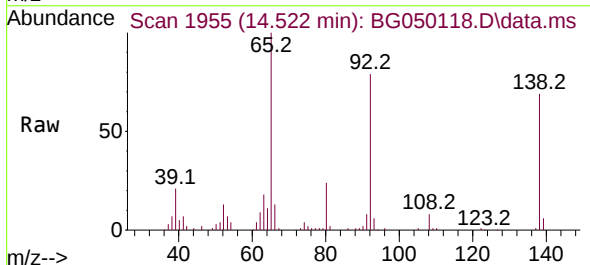
Tgt Ion:152 Resp: 256344
Ion Ratio Lower Upper
152 100
151 21.4 15.2 22.8
153 13.2 10.7 16.1

Manual Integrations
APPROVED

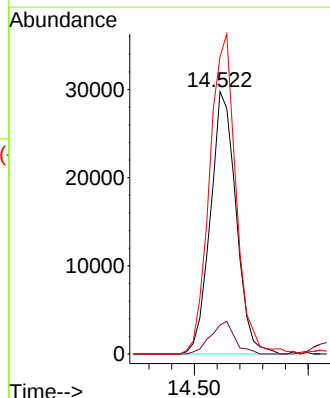
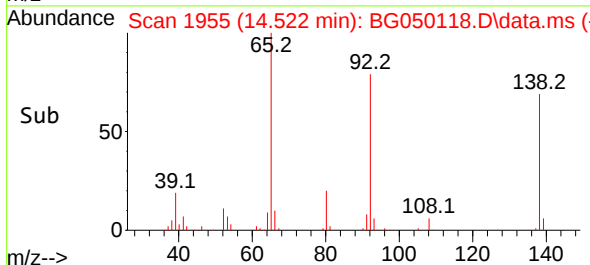
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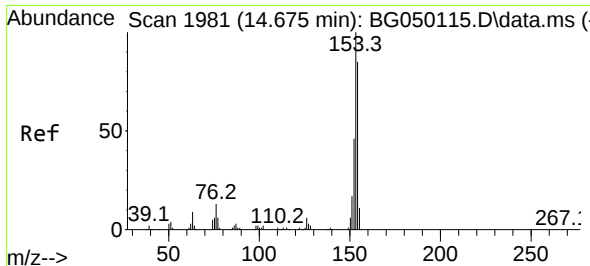


#51
3-Nitroaniline
Concen: 45.120 ng/ul
RT: 14.522 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



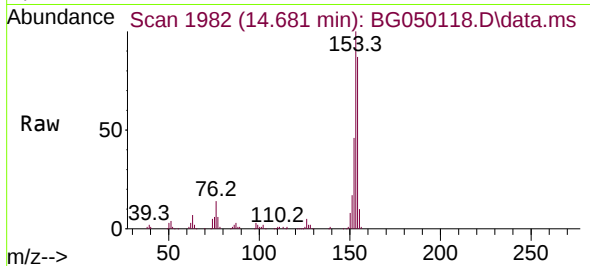
Tgt Ion:138 Resp: 46582
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 113.4 96.4 144.6





#52
Acenaphthene
Concen: 44.703 ng/ul
RT: 14.681 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

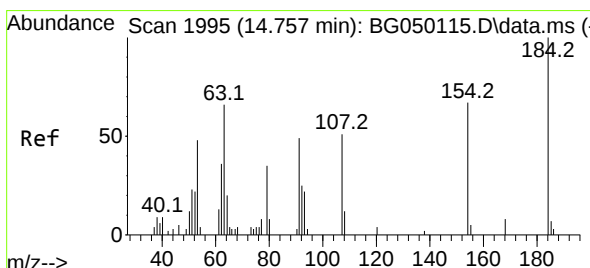
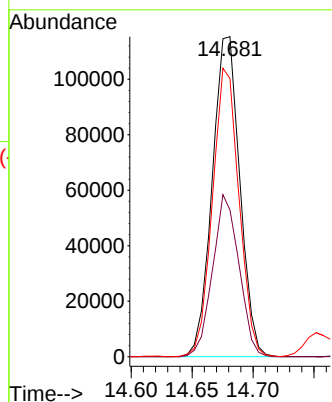
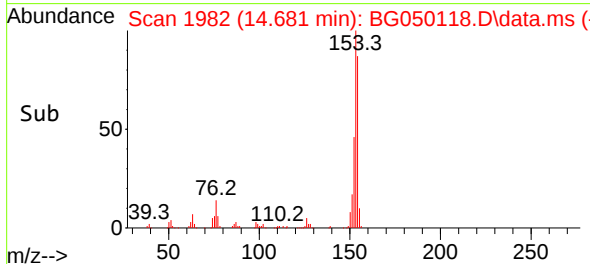
Instrument :
BNA_G
ClientSampleId :
SLCS772



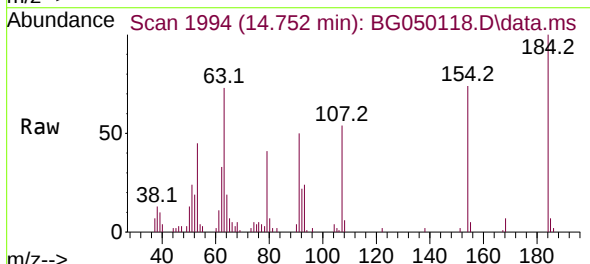
Tgt Ion:153 Resp: 181964
Ion Ratio Lower Upper
153 100
152 45.9 37.4 56.2
154 86.9 71.5 107.3

Manual Integrations
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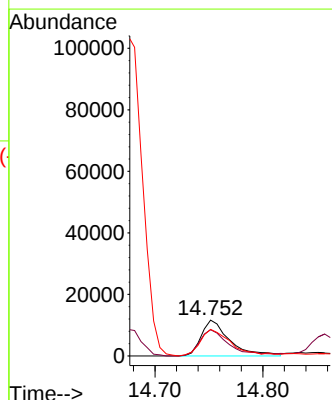
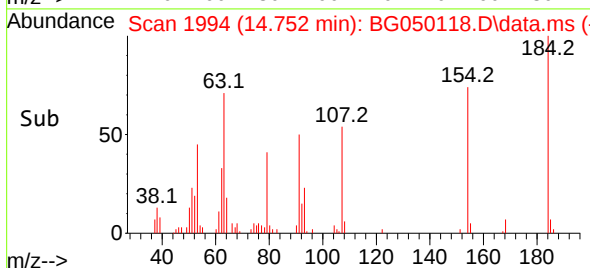
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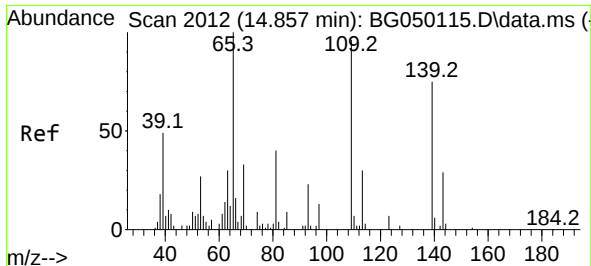


#53
2,4-Dinitrophenol
Concen: 38.989 ng/ul m
RT: 14.752 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



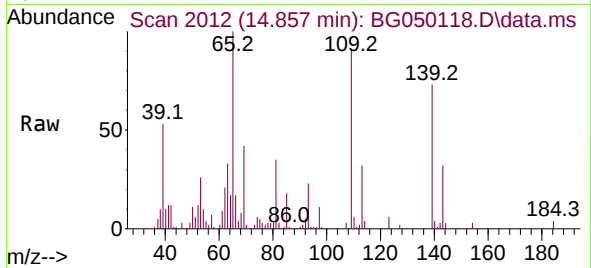
Tgt Ion:184 Resp: 21305
Ion Ratio Lower Upper
184 100
63 73.4 75.8 113.8#
154 74.2 64.6 96.8





#55
4-Nitrophenol
Concen: 35.242 ng/ul
RT: 14.857 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

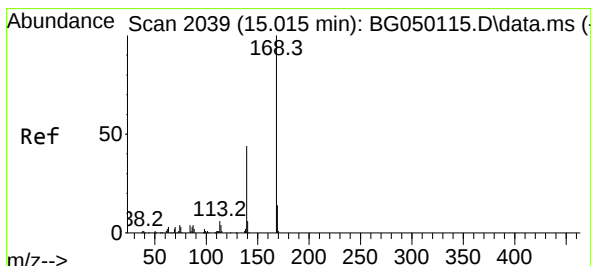
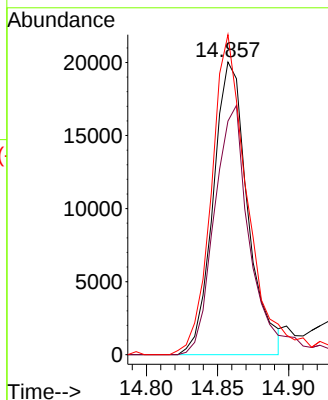
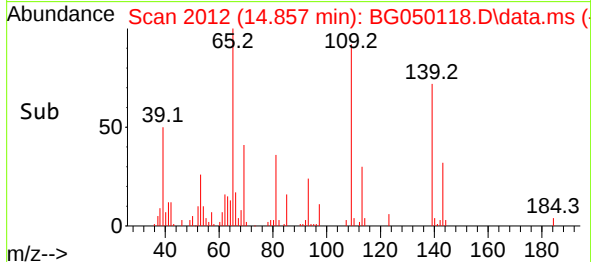
Instrument :
BNA_G
ClientSampleId :
SLCS772



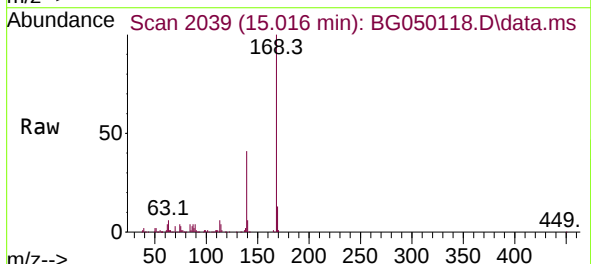
Tgt Ion	Ratio	Lower	Upper
109	100		
139	79.8	61.4	92.0
65	109.3	76.5	114.7

Manual Integrations
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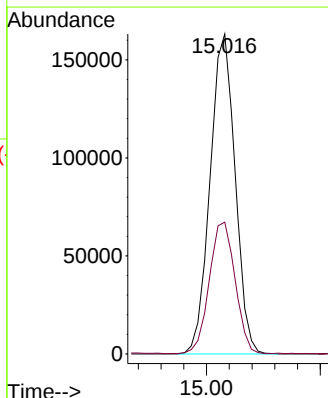
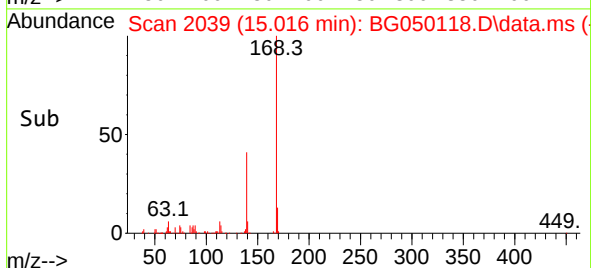
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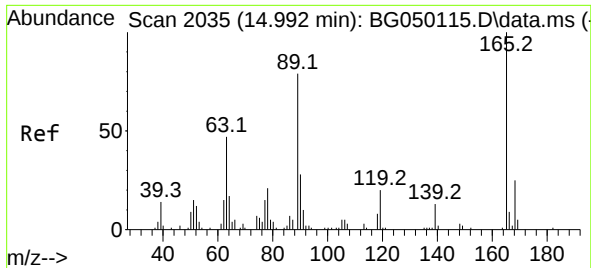


#56
Dibenzofuran
Concen: 44.226 ng/ul
RT: 15.016 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



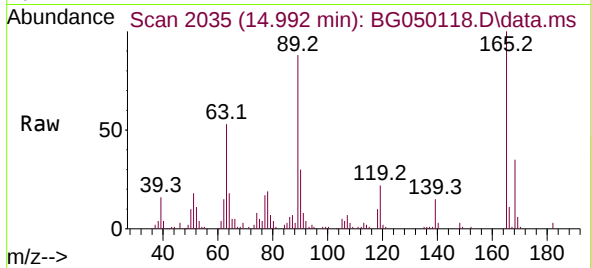
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.8	50.8





#57
2,4-Dinitrotoluene
Concen: 45.181 ng/ul
RT: 14.992 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

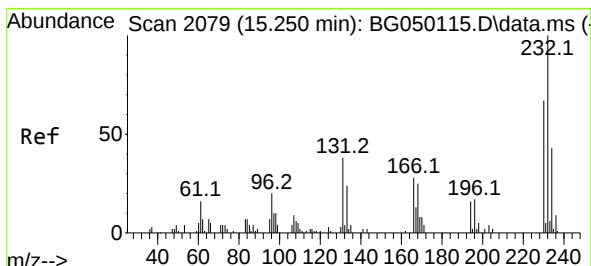
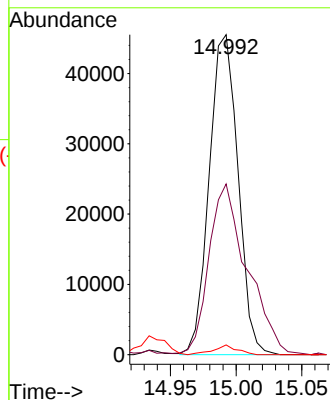
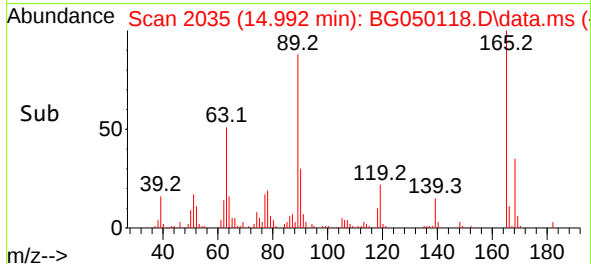
Instrument :
BNA_G
ClientSampled :
SLCS772



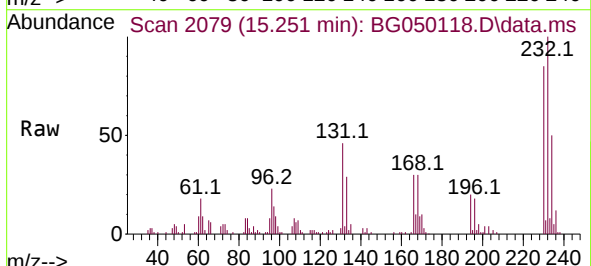
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	42.3	63.5
182	3.0	2.6	4.0

Manual Integrations
APPROVED

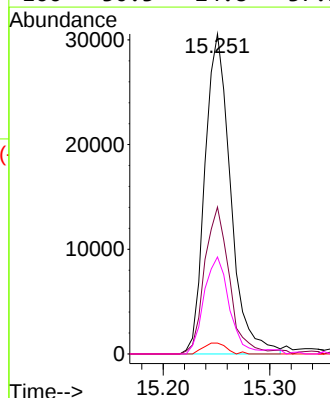
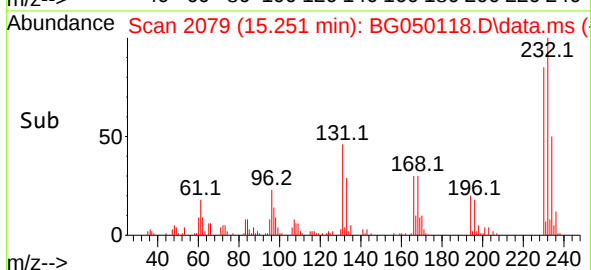
mohammad
9/3/2021 3:32:31 PM

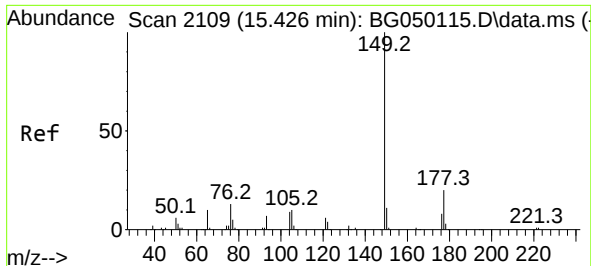


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.091 ng/ul
RT: 15.251 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



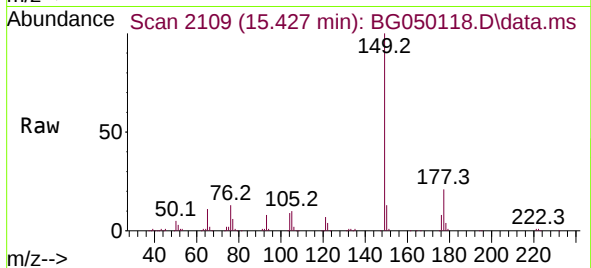
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.9	40.0	60.0
130	3.4	1.8	2.8
166	30.3	24.8	37.2





#59
Diethylphthalate
Concen: 43.371 ng/ul
RT: 15.427 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

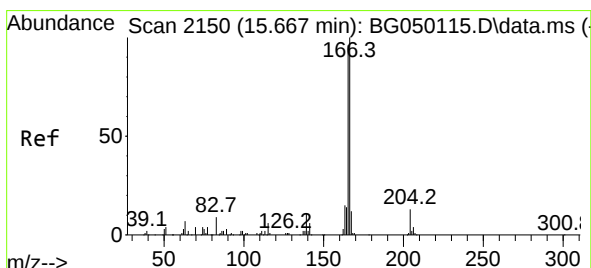
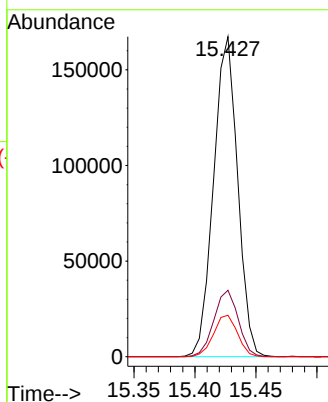
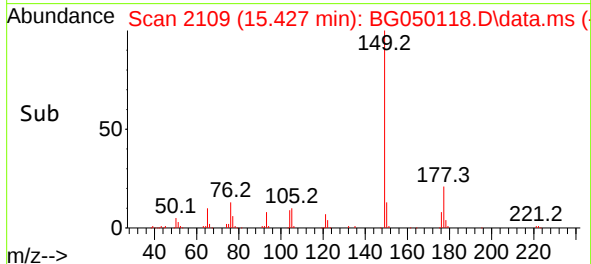
Instrument :
BNA_G
ClientSampled :
SLCS772



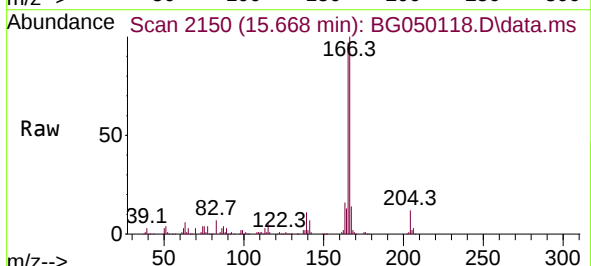
Tgt Ion:149 Resp: 229920
Ion Ratio Lower Upper
149 100
177 20.8 15.8 23.6
150 12.9 9.7 14.5

Manual Integrations
APPROVED

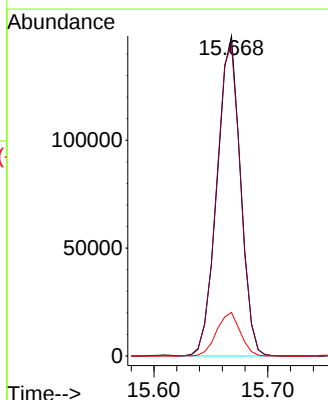
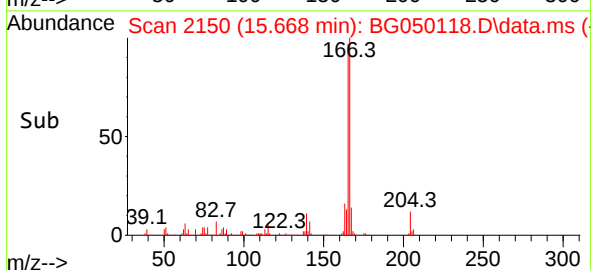
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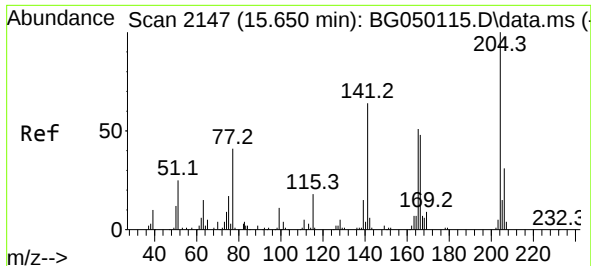


#61
Fluorene
Concen: 44.585 ng/ul
RT: 15.668 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



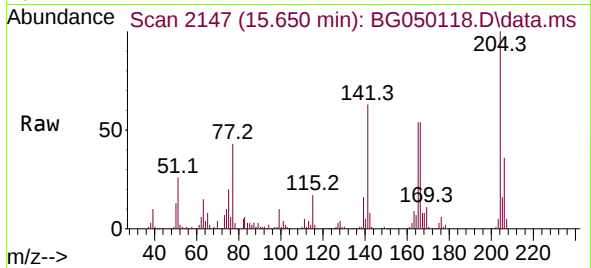
Tgt Ion:166 Resp: 212038
Ion Ratio Lower Upper
166 100
165 97.3 83.3 124.9
167 13.6 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 44.749 ng/ul
RT: 15.650 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

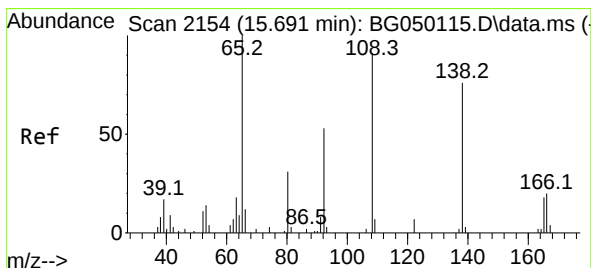
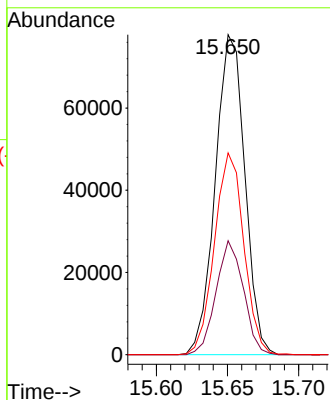
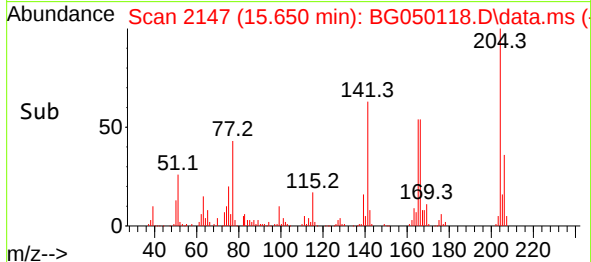
Instrument :
BNA_G
ClientSampled :
SLCS772



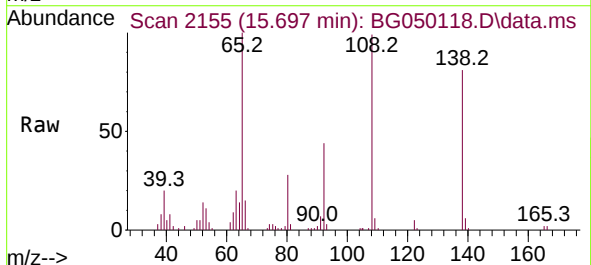
Tgt Ion:204 Resp: 112603
Ion Ratio Lower Upper
204 100
206 35.6 25.4 38.2
141 63.0 51.8 77.6

Manual Integrations
APPROVED

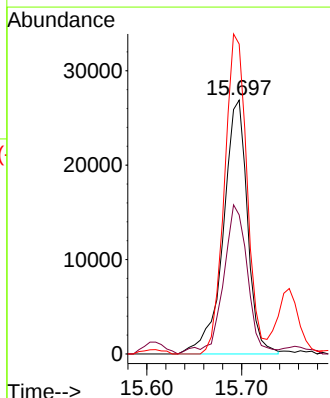
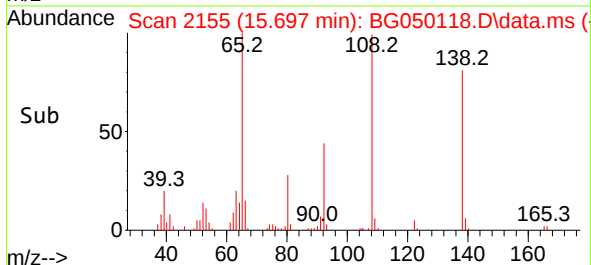
mohammad
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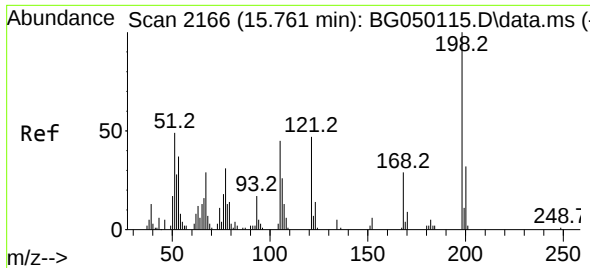


#63
4-Nitroaniline
Concen: 46.280 ng/ul
RT: 15.697 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



Tgt Ion:138 Resp: 47680
Ion Ratio Lower Upper
138 100
92 54.8 50.0 75.0
108 122.1 101.8 152.8





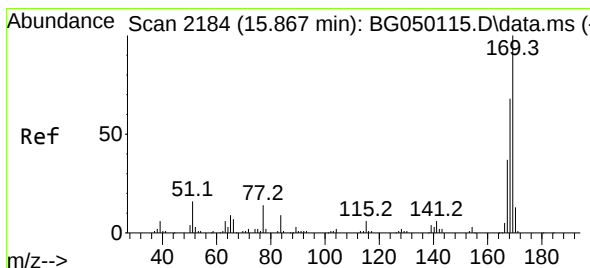
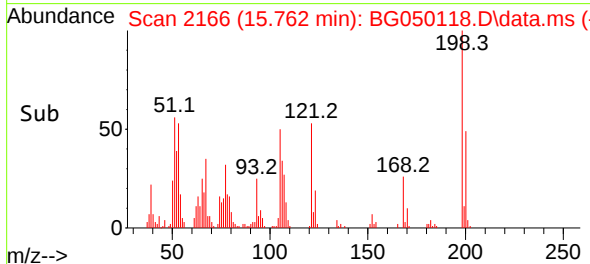
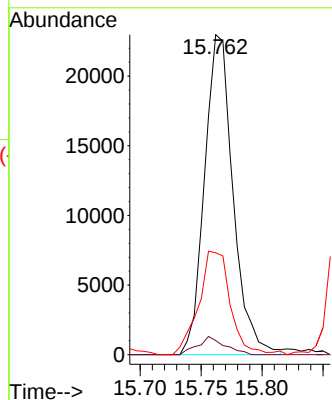
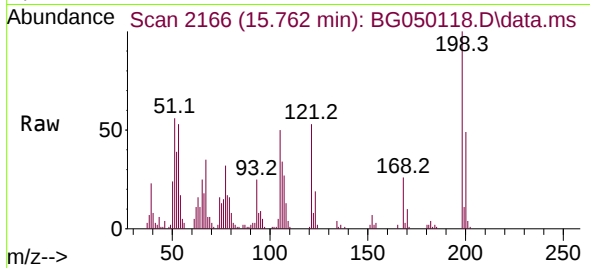
#66
4,6-Dinitro-2-methylphenol
Concen: 43.824 ng/ul
RT: 15.762 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion	Ratio	Lower	Upper
198	100		
182	4.4	3.0	4.6
77	31.9	23.4	35.2

Instrument :
BNA_G
ClientSampled :
SLCS772

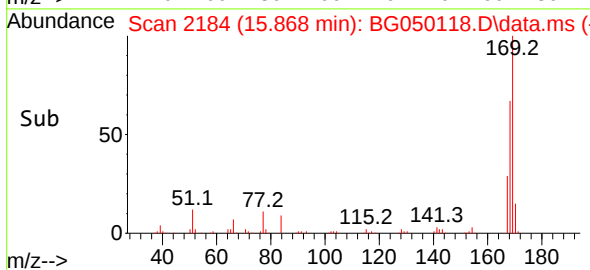
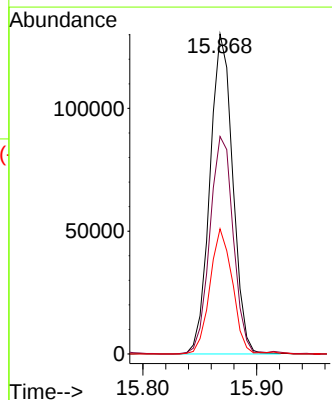
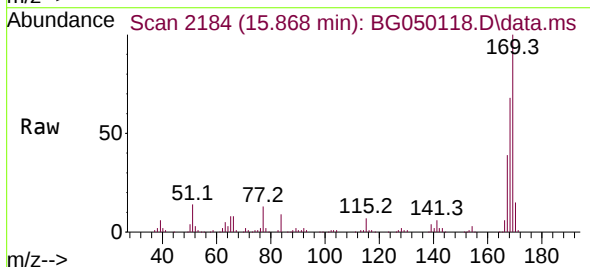
Manual Integrations
APPROVED

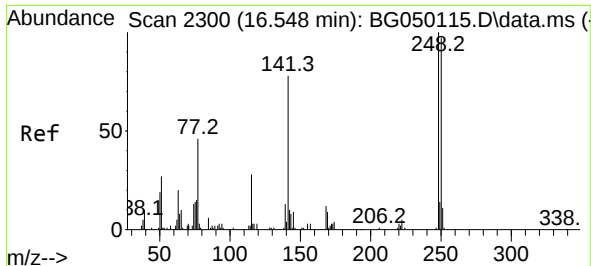
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#67
N-Nitrosodiphenylamine
Concen: 47.207 ng/ul
RT: 15.868 min Scan# 2184
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

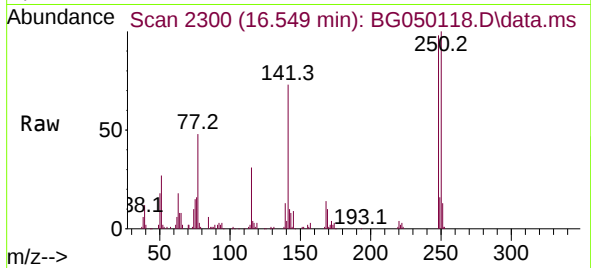
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	55.0	82.6
167	39.1	29.0	43.4



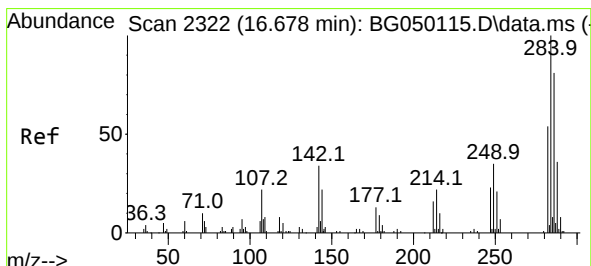
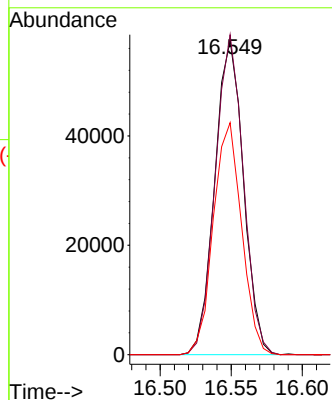
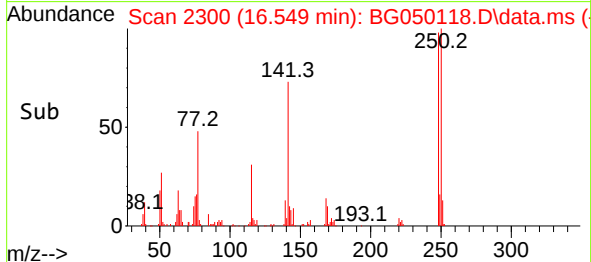


#68
4-Bromophenyl-phenylether
Concen: 49.971 ng/ul
RT: 16.549 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

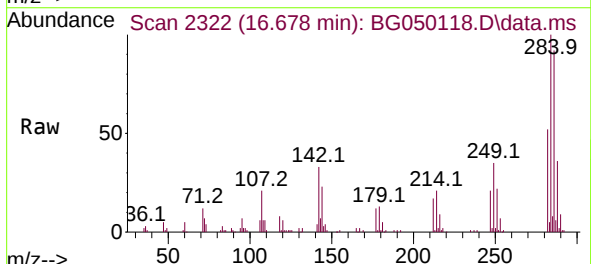
Instrument :
BNA_G
ClientSampled :
SLCS772



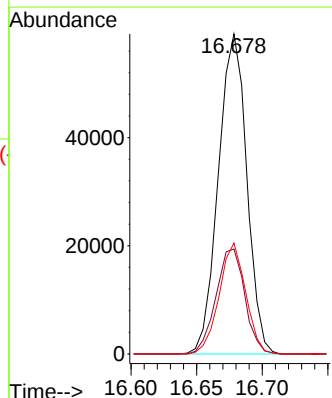
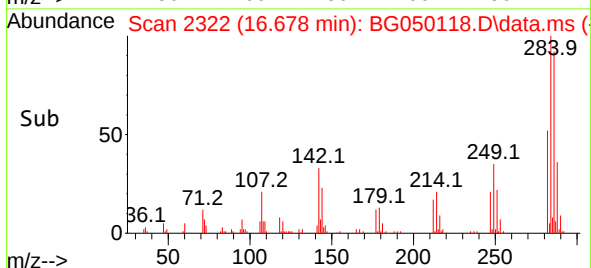
Tgt Ion:248 Resp: 80781
Ion Ratio Lower Upper
248 100
250 101.9 80.2 120.2
141 73.9 60.6 90.8

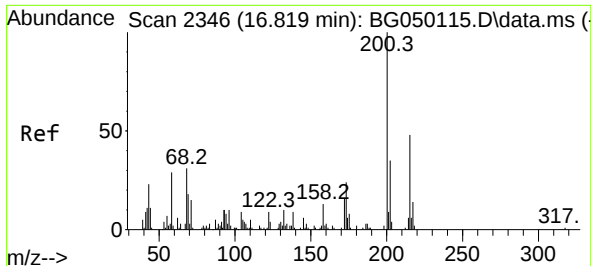


#69
Hexachlorobenzene
Concen: 47.673 ng/ul
RT: 16.678 min Scan# 2322
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



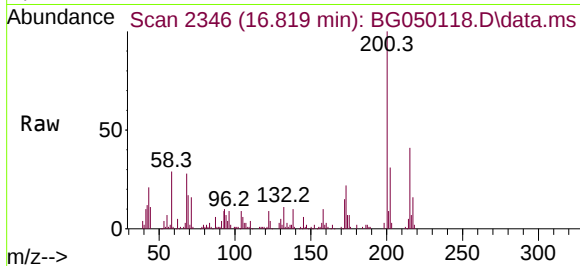
Tgt Ion:284 Resp: 88991
Ion Ratio Lower Upper
284 100
142 32.8 28.7 43.1
249 34.7 25.5 38.3





#70
Atrazine
Concen: 47.837 ng/ul
RT: 16.819 min Scan# 2346
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

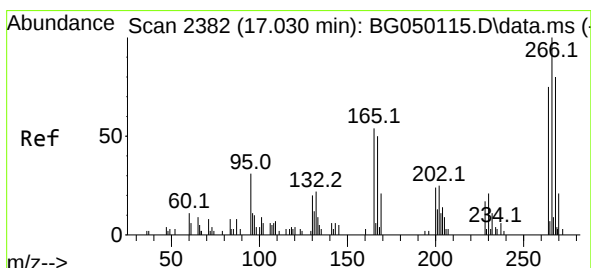
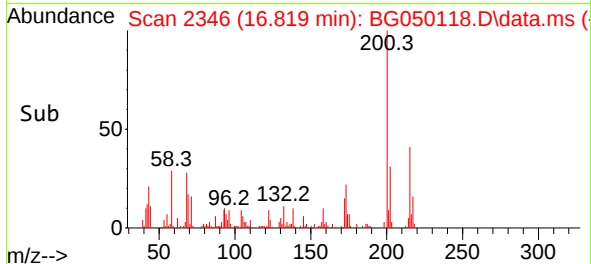
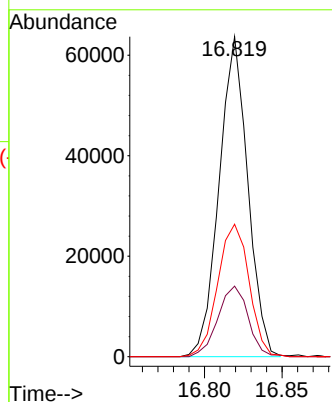
Instrument :
BNA_G
ClientSampled :
SLCS772



Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.1	19.3	28.9
215	41.4	34.9	52.3

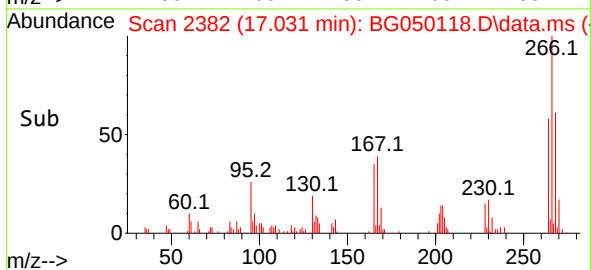
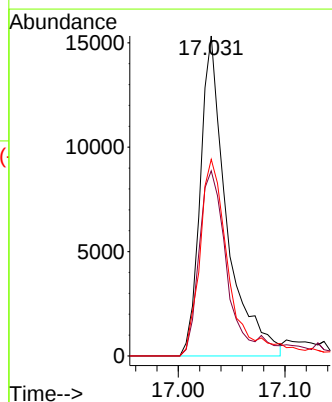
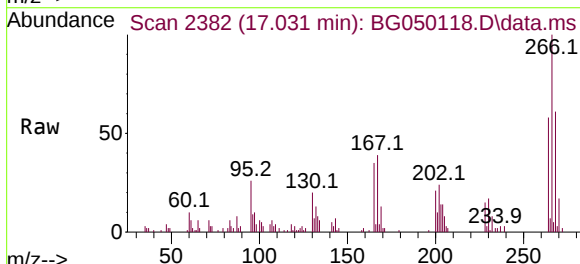
Manual Integrations
APPROVED

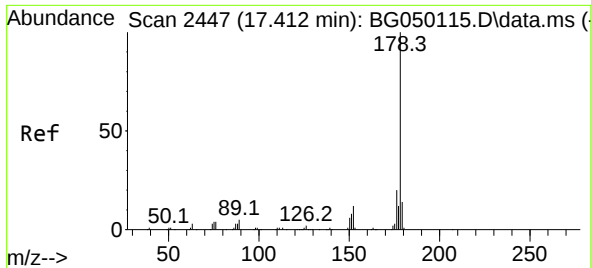
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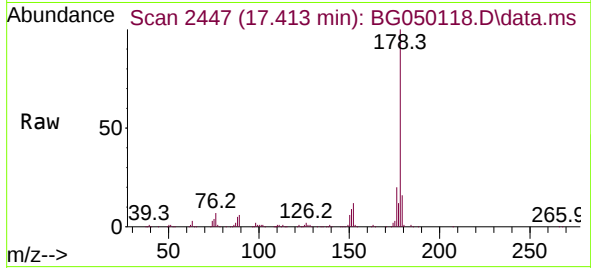
#71
Pentachlorophenol
Concen: 33.427 ng/ul
RT: 17.031 min Scan# 2382
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.8	54.1	81.1
268	61.4	52.6	78.8

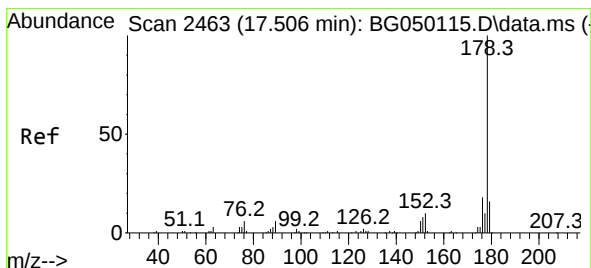
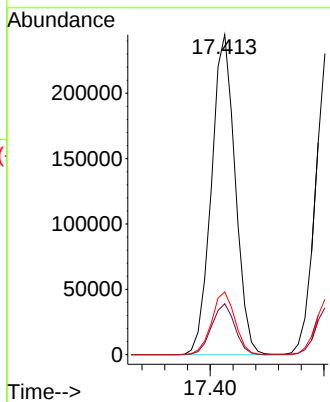
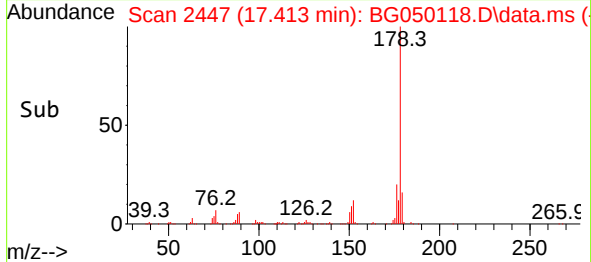




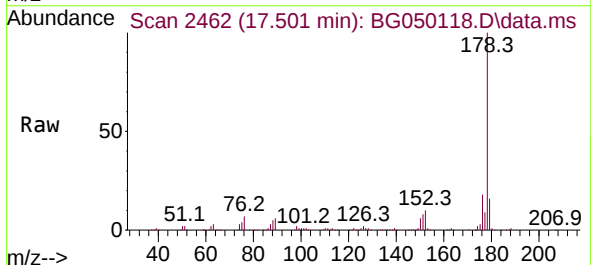
#72
Phenanthrene
Concen: 48.745 ng/ul
RT: 17.413 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



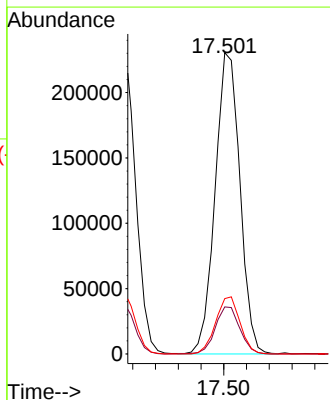
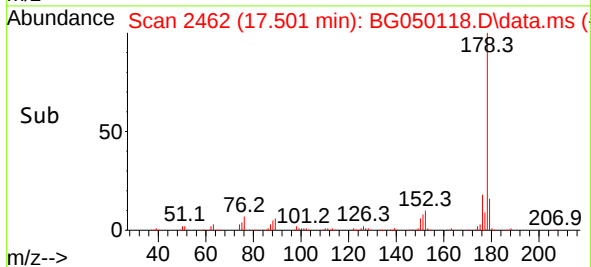
Tgt Ion:178 Resp: 355113
Ion Ratio Lower Upper
178 100
179 15.9 11.7 17.5
176 19.6 16.2 24.2



#74
Anthracene
Concen: 47.367 ng/ul
RT: 17.501 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



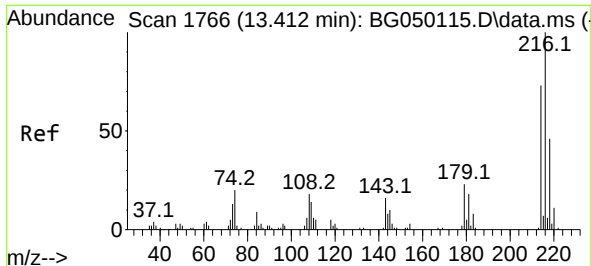
Tgt Ion:178 Resp: 349687
Ion Ratio Lower Upper
178 100
179 15.6 11.4 17.0
176 18.4 12.8 19.2



Instrument :
BNA_G
ClientSampled :
SLCS772

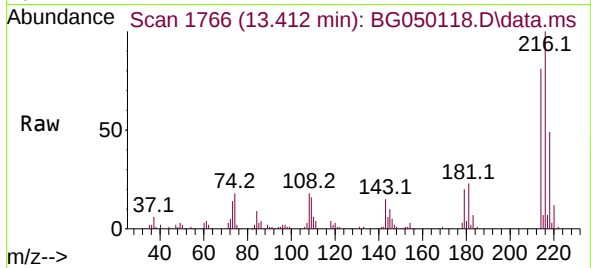
Manual Integrations
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 48.383 ng/uL
RT: 13.412 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

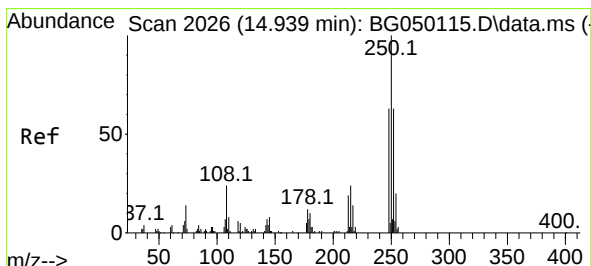
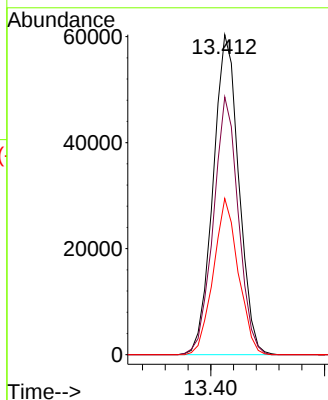
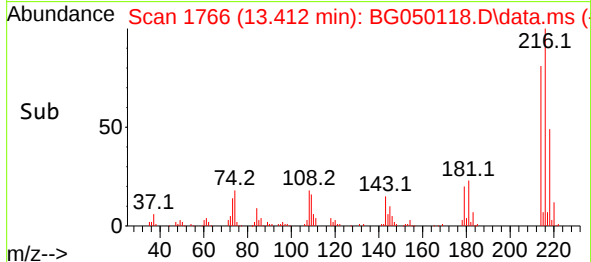
Instrument :
BNA_G
ClientSampled :
SLCS772



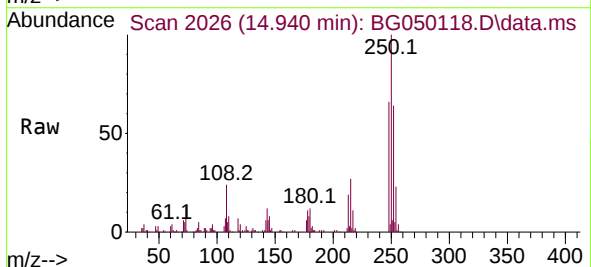
Tgt Ion:216 Resp: 94860
Ion Ratio Lower Upper
216 100
214 80.6 70.9 106.3
218 48.8 40.9 61.3

Manual Integrations
APPROVED

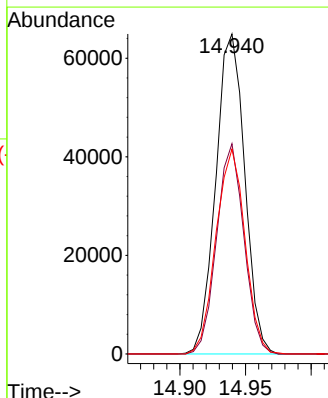
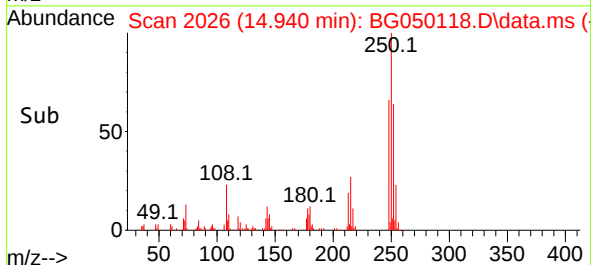
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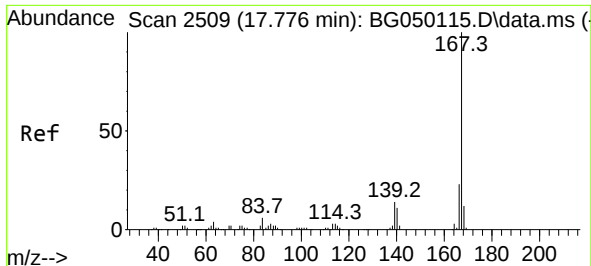


#76
Pentachlorobenzene
Concen: 47.916 ng/uL
RT: 14.940 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



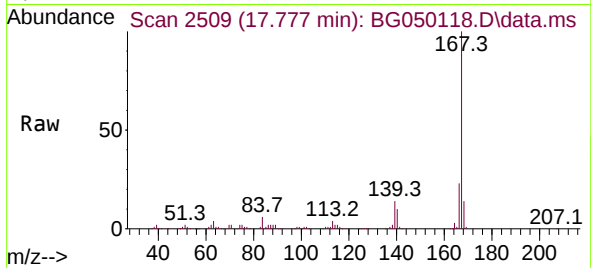
Tgt Ion:250 Resp: 99545
Ion Ratio Lower Upper
250 100
248 65.7 51.5 77.3
252 64.0 47.9 71.9





#77
 Carbazole
 Concen: 48.074 ng/ul
 RT: 17.777 min Scan# 2509
 Delta R.T. -0.005 min
 Lab File: BG050118.D
 Acq: 3 Sep 2021 6:04

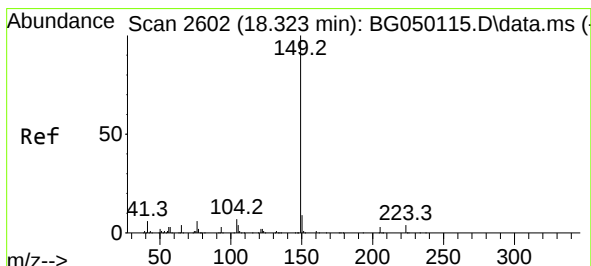
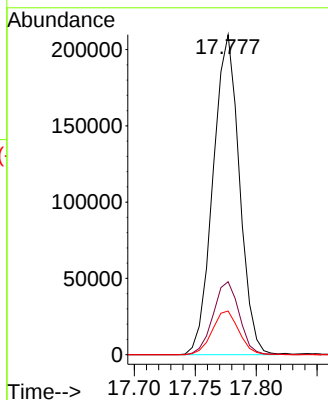
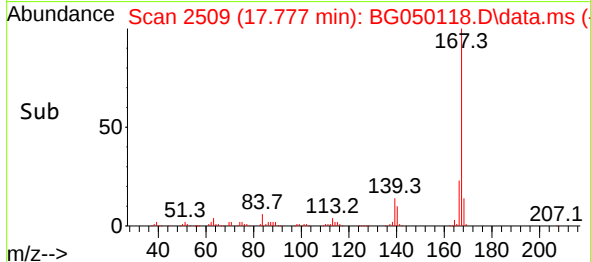
Instrument :
 BNA_G
 ClientSampled :
 SLCS772



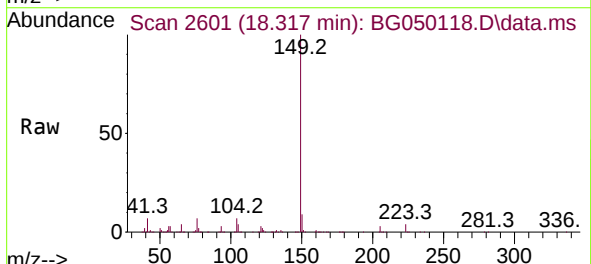
Tgt Ion:167 Resp: 315808
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.8
 139 13.6 11.1 16.7

Manual Integrations
 APPROVED

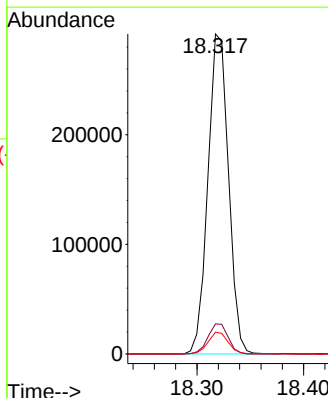
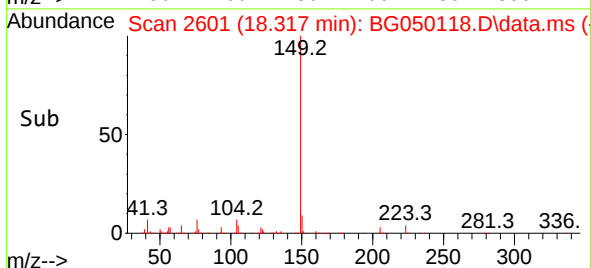
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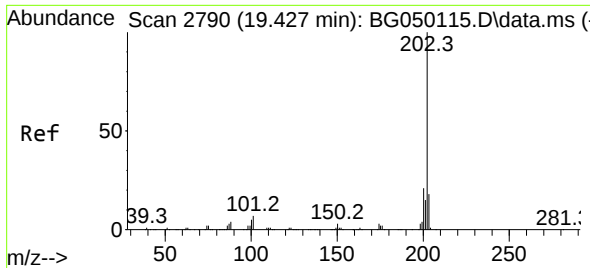


#78
 Di-n-butylphthalate
 Concen: 46.677 ng/ul
 RT: 18.317 min Scan# 2601
 Delta R.T. -0.011 min
 Lab File: BG050118.D
 Acq: 3 Sep 2021 6:04

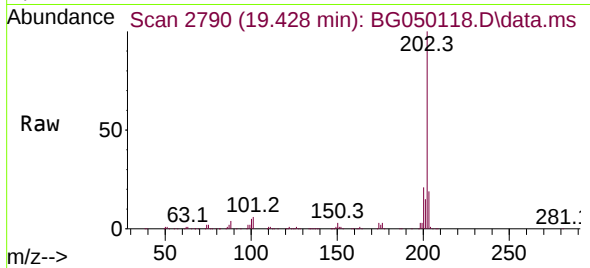


Tgt Ion:149 Resp: 392163
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 6.8 5.3 7.9

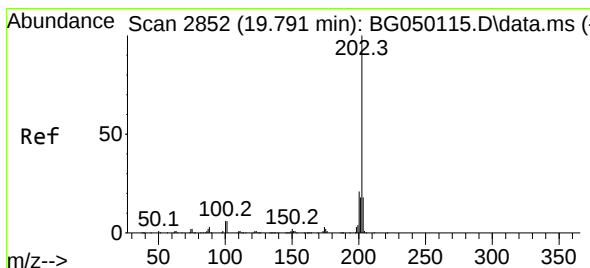
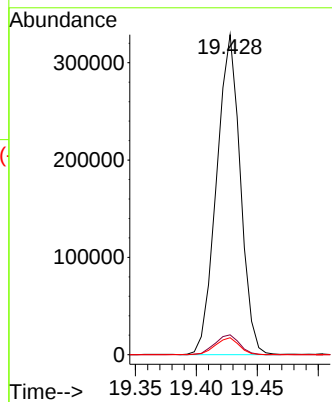
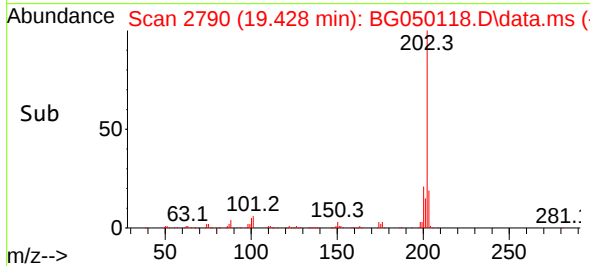




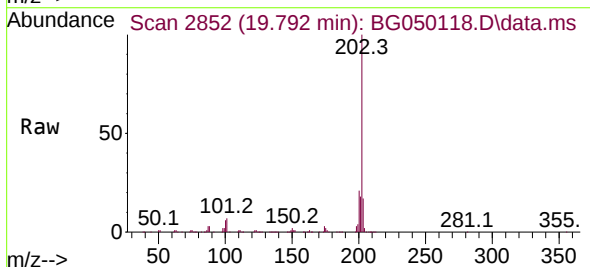
#80
Fluoranthene
Concen: 44.515 ng/ul
RT: 19.428 min Scan# 2790
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



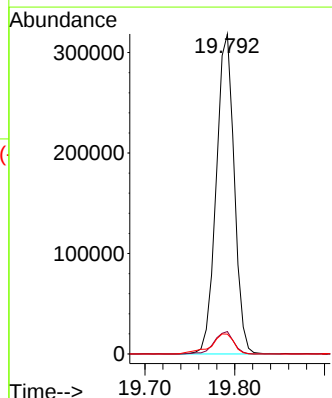
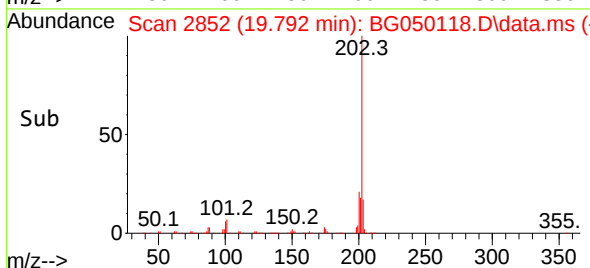
Tgt Ion:202 Resp: 446134
Ion Ratio Lower Upper
202 100
101 6.2 4.3 6.5
100 5.3 3.5 5.3#



#82
Pyrene
Concen: 44.560 ng/ul
RT: 19.792 min Scan# 2852
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



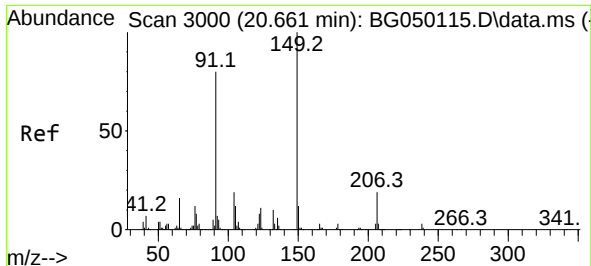
Tgt Ion:202 Resp: 442522
Ion Ratio Lower Upper
202 100
101 7.0 5.4 8.0
100 6.2 5.0 7.6



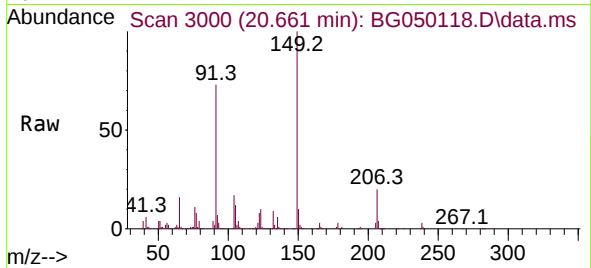
Instrument :
BNA_G
ClientSampled :
SLCS772

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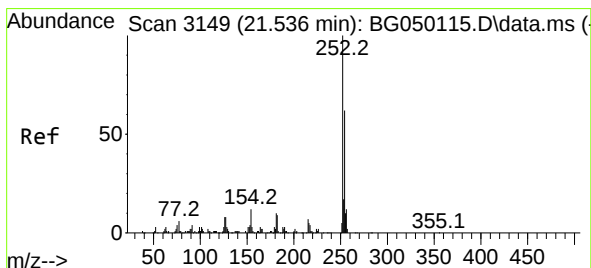
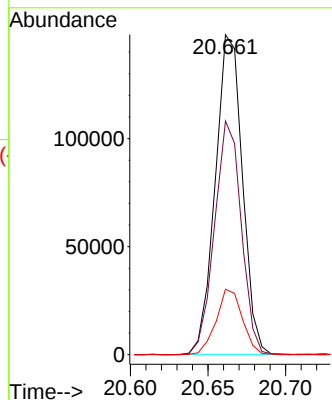
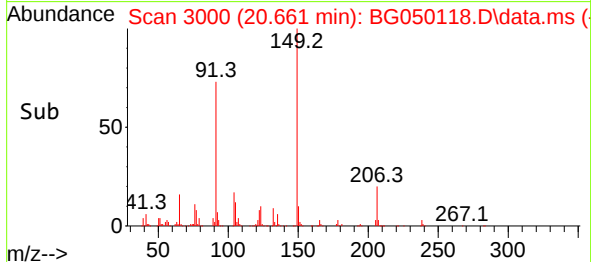
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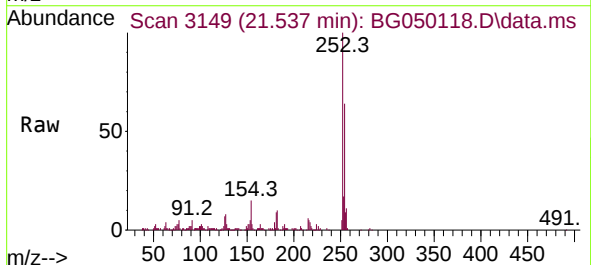
#83
Butylbenzylphthalate
Concen: 45.885 ng/ul
RT: 20.661 min Scan# 3000
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



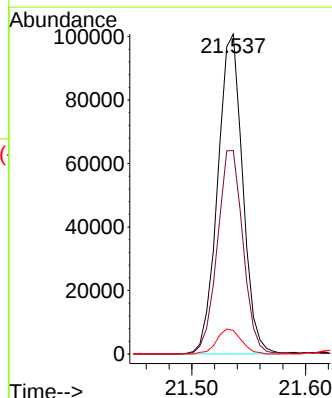
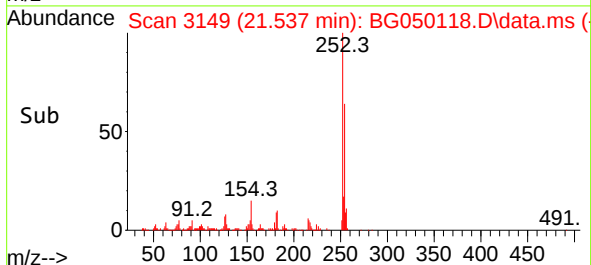
Tgt Ion:149 Resp: 179826
Ion Ratio Lower Upper
149 100
91 73.0 60.6 90.8
206 20.5 16.8 25.2



#84
3,3'-Dichlorobenzidine
Concen: 43.150 ng/ul
RT: 21.537 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



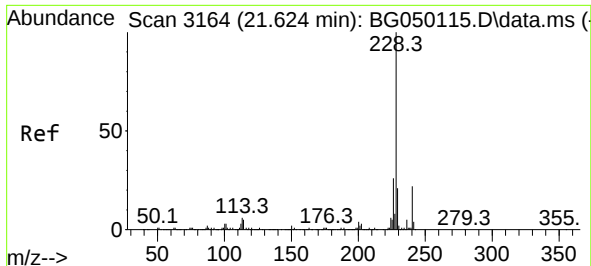
Tgt Ion:252 Resp: 153726
Ion Ratio Lower Upper
252 100
254 63.6 54.2 81.2
126 7.3 5.4 8.0



Instrument :
BNA_G
ClientSampled :
SLCS772

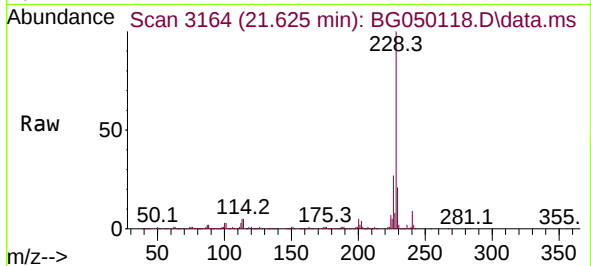
Manual Integrations
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#85
Benzo(a)anthracene
Concen: 44.729 ng/ul
RT: 21.625 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

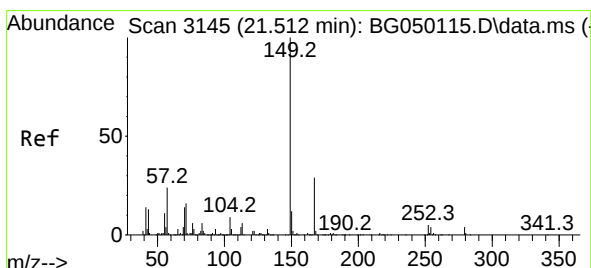
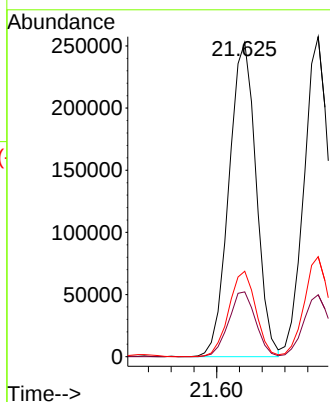
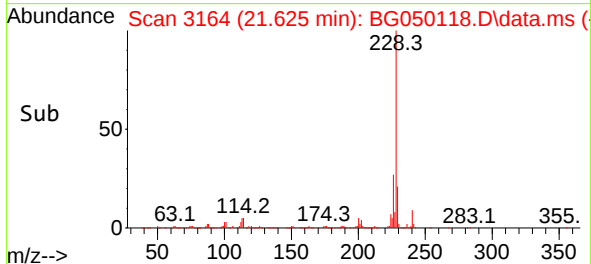
Instrument :
BNA_G
ClientSampled :
SLCS772



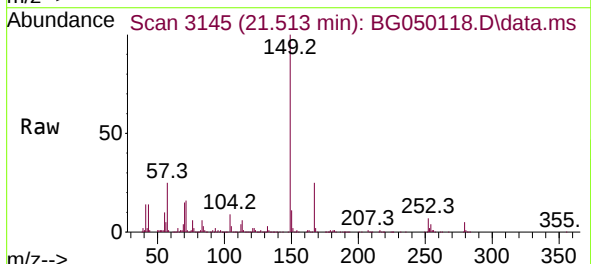
Tgt Ion:228 Resp: 418876
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.4
226 27.2 21.0 31.4

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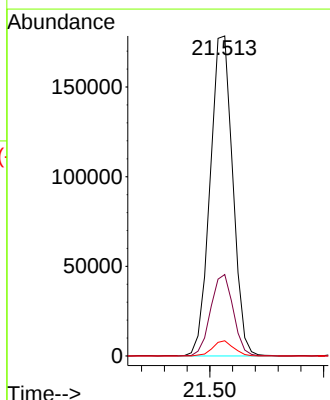
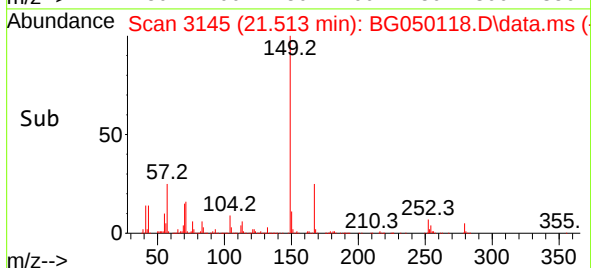
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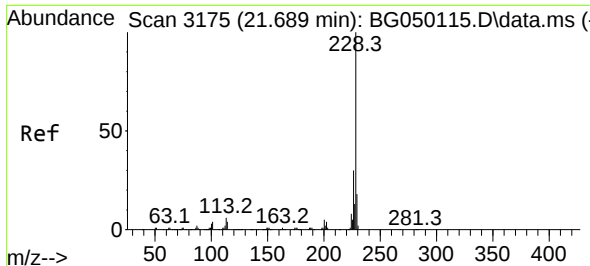


#86
Bis(2-ethylhexyl)phthalate
Concen: 45.777 ng/ul
RT: 21.513 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



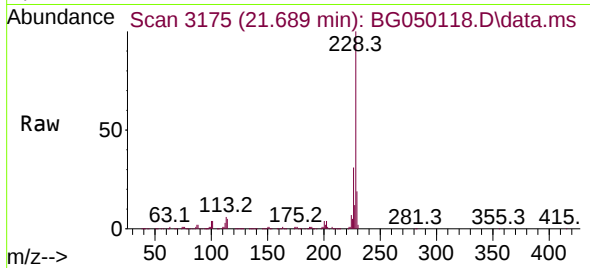
Tgt Ion:149 Resp: 246378
Ion Ratio Lower Upper
149 100
167 25.5 20.4 30.6
279 4.7 3.7 5.5





#87
Chrysene
Concen: 45.388 ng/ul
RT: 21.689 min Scan# 3175
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

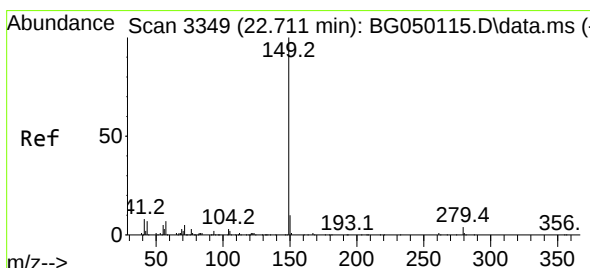
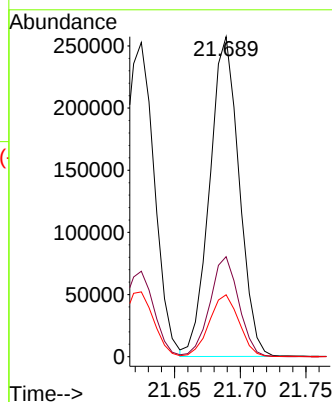
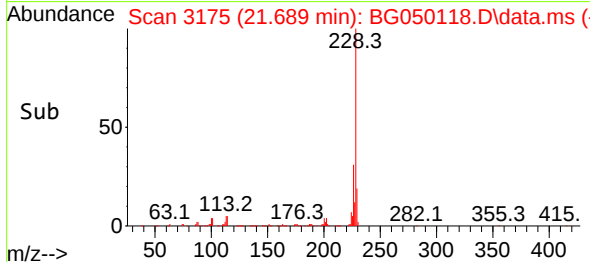
Instrument :
BNA_G
ClientSampleId :
SLCS772



Tgt Ion:228 Resp: 401791
Ion Ratio Lower Upper
228 100
226 31.3 23.0 34.4
229 19.3 17.8 26.6

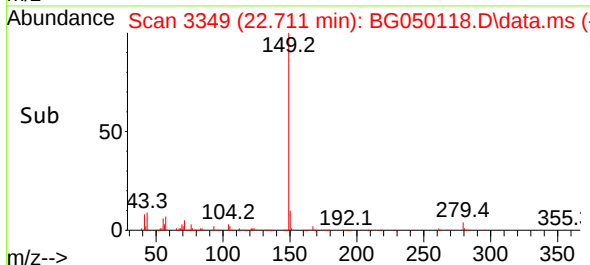
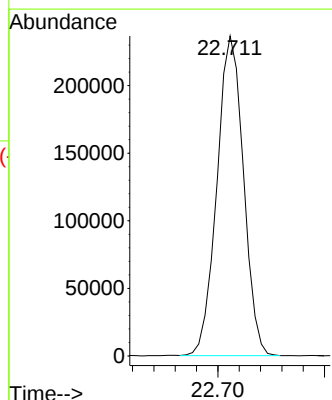
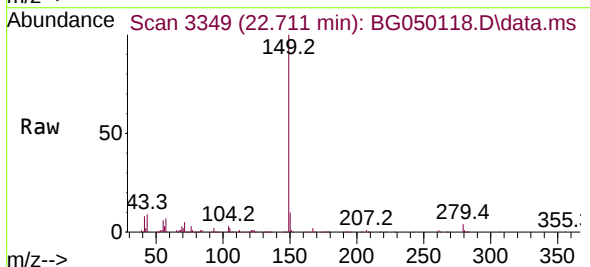
Manual Integrations
APPROVED

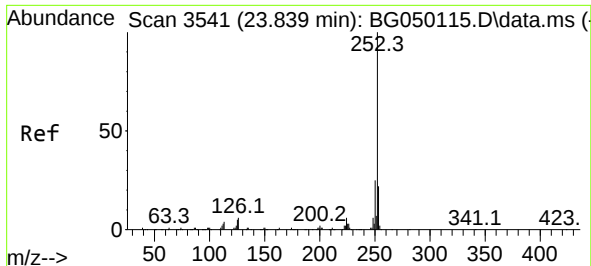
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#89
Di-n-octyl phthalate
Concen: 46.173 ng/ul
RT: 22.711 min Scan# 3349
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

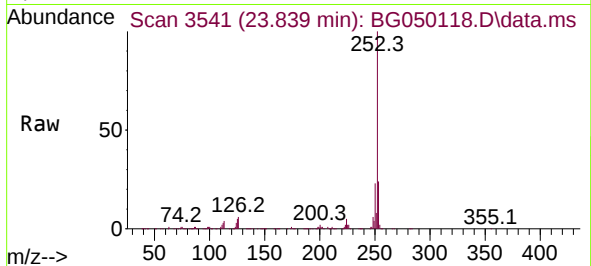
Tgt Ion:149 Resp: 408756





#90
Benzo(b)fluoranthene
Concen: 45.325 ng/ul
RT: 23.839 min Scan# 3541
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

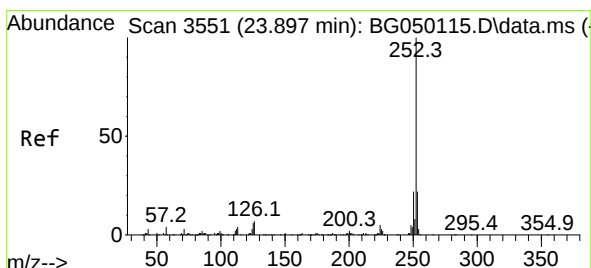
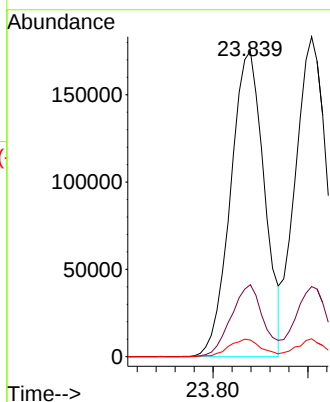
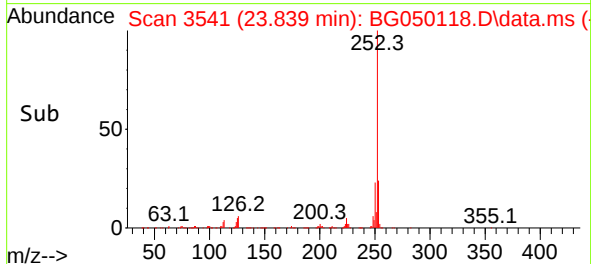
Instrument :
BNA_G
ClientSampled :
SLCS772



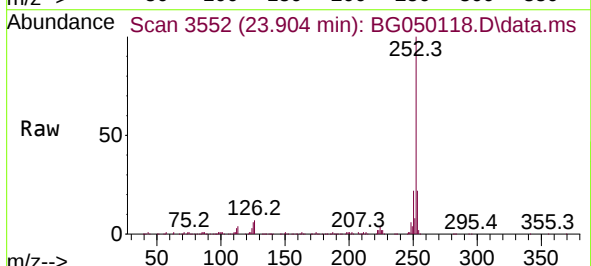
Tgt Ion:252 Resp: 432654
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 5.4 3.4 5.0#

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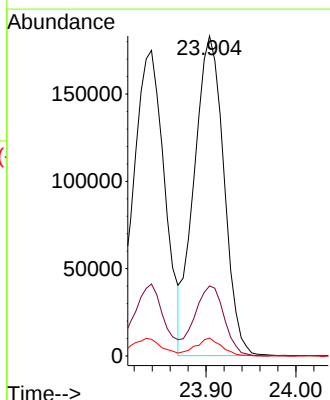
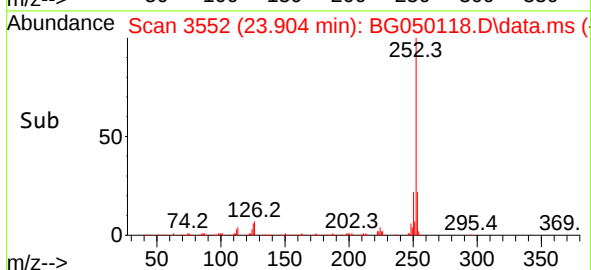
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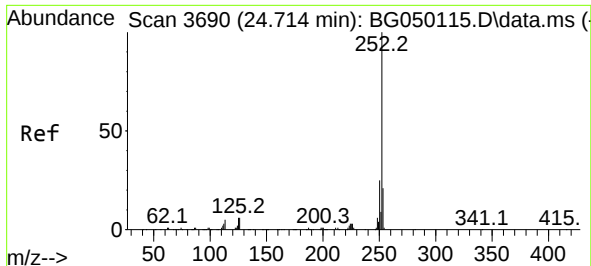


#91
Benzo(k)fluoranthene
Concen: 46.362 ng/ul
RT: 23.904 min Scan# 3552
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



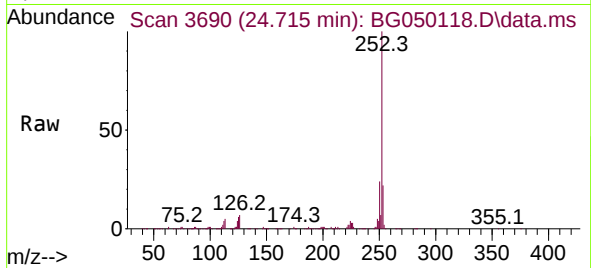
Tgt Ion:252 Resp: 420671
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 5.6 4.1 6.1





#93
Benzo(a)pyrene
Concen: 46.273 ng/ul
RT: 24.715 min Scan# 3690
Delta R.T. -0.005 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

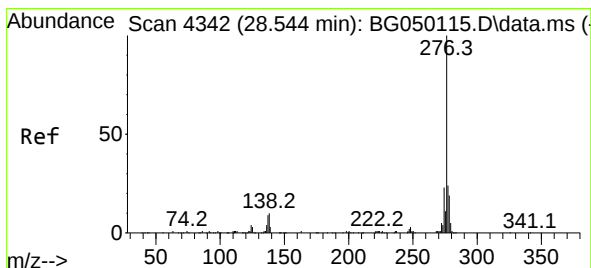
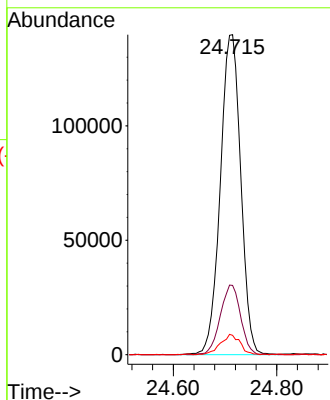
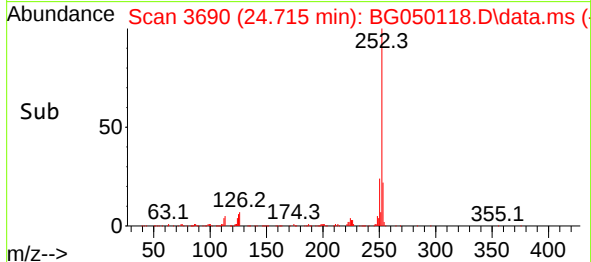
Instrument :
BNA_G
ClientSampled :
SLCS772



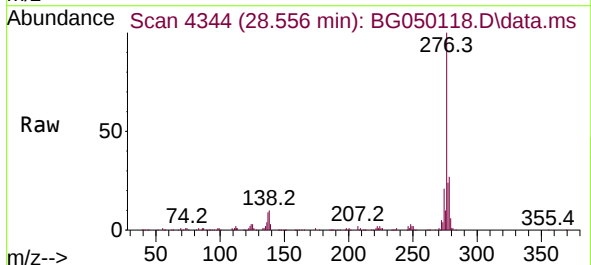
Tgt Ion:252 Resp: 383606
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 6.0 4.4 6.6

Manual Integrations
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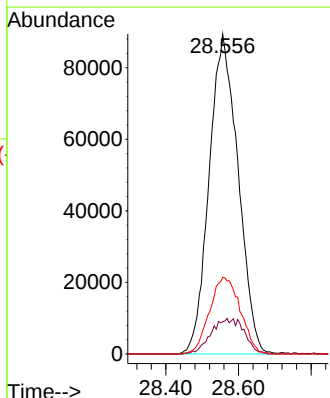
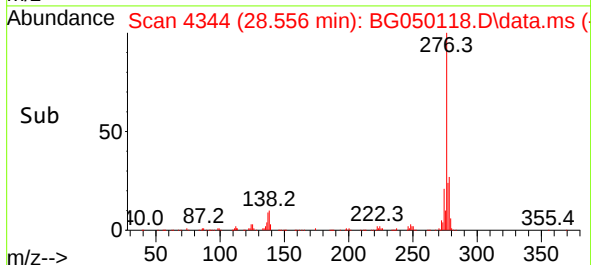
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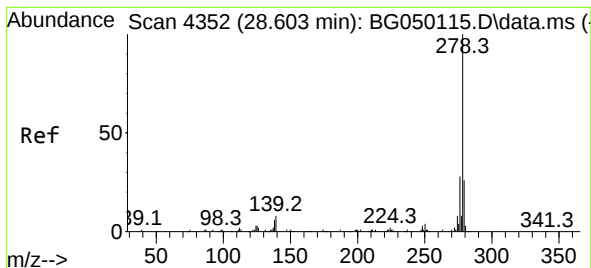


#94
Indeno(1,2,3-cd)pyrene
Concen: 45.214 ng/ul
RT: 28.556 min Scan# 4344
Delta R.T. -0.011 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



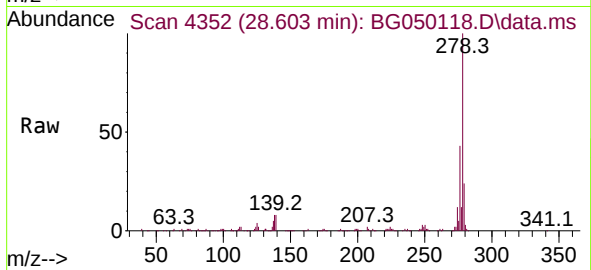
Tgt Ion:276 Resp: 494431
Ion Ratio Lower Upper
276 100
138 10.1 5.5 8.3#
277 23.9 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 45.115 ng/ul
RT: 28.603 min Scan# 4352
Delta R.T. 0.000 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04

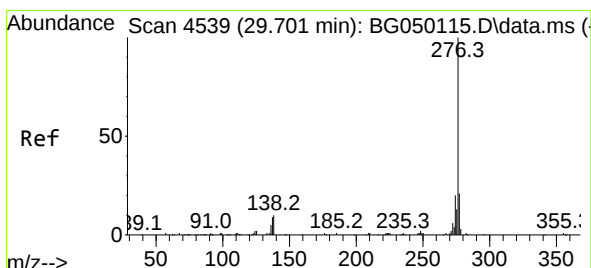
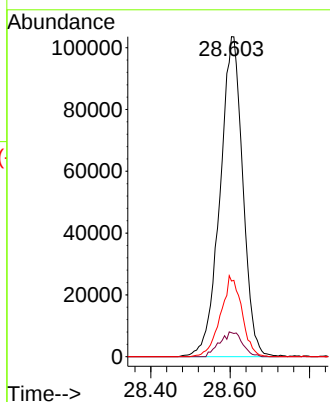
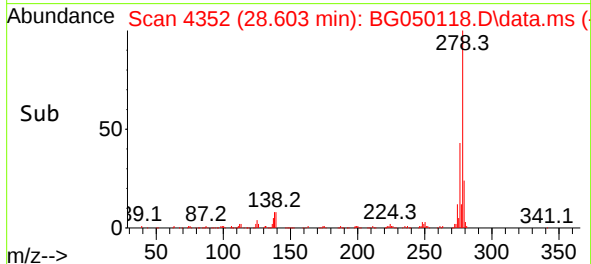
Instrument :
BNA_G
ClientSampled :
SLCS772



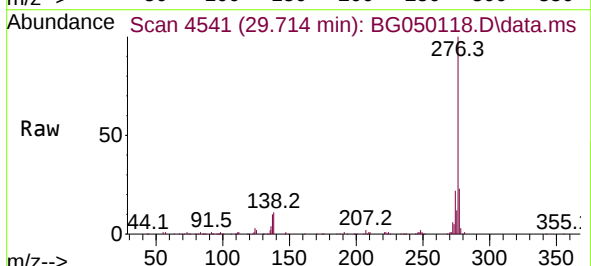
Tgt Ion:278 Resp: 413004
Ion Ratio Lower Upper
278 100
139 7.5 5.2 7.8
279 23.7 19.0 28.4

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 44.481 ng/ul
RT: 29.714 min Scan# 4541
Delta R.T. 0.000 min
Lab File: BG050118.D
Acq: 3 Sep 2021 6:04



Tgt Ion:276 Resp: 408939
Ion Ratio Lower Upper
276 100
138 10.6 8.6 13.0
277 23.2 17.4 26.0

