

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
 Data File : BG049554.D
 Acq On : 29 Jul 2021 11:08
 Operator : CG/JU
 Sample : PB137954BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS954

Manual Integrations
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 7/30/2021 11:59:47 AM

Quant Time: Jul 29 12:20:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	21715	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	90114	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.699	164	63188	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	141920	20.000	ng/u1	0.00
79) Chrysene-d12	21.731	240	132071	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	135497	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	3676	7.745	ng/uL	0.00
4) Pyridine-d5	3.849	84	51252	37.594	ng/u1	0.00
7) Phenol-d5	7.203	99	76569	39.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	41894	38.501	ng/u1	0.00
11) 2-Chlorophenol-d4	7.579	132	56108	40.741	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	58026	40.069	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	27233	39.307	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	32659	40.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	58557	39.657	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	76235	37.045	ng/u1	0.00
46) Dimethylphthalate-d6	14.100	166	188015	38.844	ng/u1	0.00
49) Acenaphthylene-d8	14.394	160	222372	39.555	ng/u1	0.00
54) 4-Nitrophenol-d4	14.899	143	31313	39.284	ng/u1	0.01
60) Fluorene-d10	15.692	176	165865	39.777	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	35240	40.071	ng/u1	0.00
73) Anthracene-d10	17.548	188	259093	39.280	ng/u1	0.00
81) Pyrene-d10	19.833	212	308505	45.683	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	297027	41.708	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.461	88	8777	13.529	ng/uL	96
5) Pyridine	3.873	79	61574	42.224	ng/u1	99
6) Benzaldehyde	7.180	77	57347	50.022	ng/u1	97
8) Phenol	7.227	94	84961	45.270	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.462	93	55622	43.018	ng/u1	94
12) 2-Chlorophenol	7.609	128	61615	46.472	ng/u1	94
13) 2-Methylphenol	8.490	108	64242	44.912	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.578	45	65725	43.377	ng/u1	96
16) Acetophenone	8.872	105	103178	44.268	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.854	70	53968	44.903	ng/u1#	90
18) 4-Methylphenol	8.819	108	66817	44.402	ng/u1	93
19) Hexachloroethane	9.136	117	27443	45.946	ng/u1	84
22) Nitrobenzene	9.259	77	90259	43.632	ng/u1#	96
23) Isophorone	9.782	82	149612	43.162	ng/u1	97
25) 2-Nitrophenol	9.976	139	36075	47.216	ng/u1	90
26) 2,4-Dimethylphenol	10.029	107	67799	37.233	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.264	93	75881	43.891	ng/u1	97
29) 2,4-Dichlorophenol	10.517	162	62887	43.567	ng/u1	94
30) Naphthalene	10.922	128	200732	43.245	ng/u1	99
32) 4-Chloroaniline	11.028	127	78867	40.289	ng/u1	90
33) Hexachlorobutadiene	11.204	225	47692	43.216	ng/u1	99
34) Caprolactam	11.791	113	20964m	42.704	ng/u1	
35) 4-Chloro-3-methylphenol	12.150	107	75022	46.192	ng/u1	92
36) 2-Methylnaphthalene	12.526	142	147710	43.479	ng/u1	97

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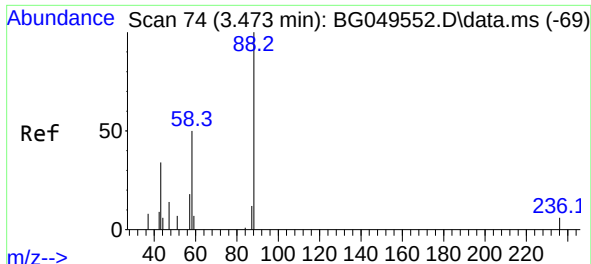
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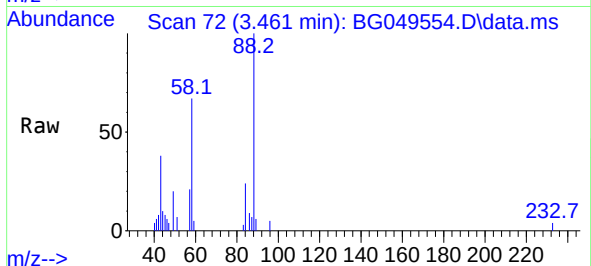
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.743	142	144693	42.148	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.896	216	80714	42.978	ng/ul	97
40) Hexachlorocyclopentadiene	12.872	237	29398	25.979	ng/ul	98
41) 2,4,6-Trichlorophenol	13.131	196	54192	46.956	ng/ul#	74
42) 2,4,5-Trichlorophenol	13.207	196	56318	45.693	ng/ul	95
43) 1,1'-Biphenyl	13.530	154	191278	42.509	ng/ul	98
44) 2-Chloronaphthalene	13.577	162	152248	43.482	ng/ul	96
45) 2-Nitroaniline	13.777	65	57301	46.114	ng/ul	94
47) Dimethylphthalate	14.147	163	200610	42.619	ng/ul	99
48) 2,6-Dinitrotoluene	14.270	165	42289	45.017	ng/ul	95
50) Acenaphthylene	14.423	152	230433	42.921	ng/ul	96
51) 3-Nitroaniline	14.599	138	42002	44.830	ng/ul#	77
52) Acenaphthene	14.764	153	168665	43.802	ng/ul	98
53) 2,4-Dinitrophenol	14.817	184	22376	47.809	ng/ul#	79
55) 4-Nitrophenol	14.911	109	46270	42.809	ng/ul	95
56) Dibenzofuran	15.099	168	231523	44.529	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	64342	48.320	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.328	232	53263	47.620	ng/ul#	93
59) Diethylphthalate	15.510	149	209763	43.059	ng/ul	97
61) Fluorene	15.751	166	193447	43.827	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	102894	44.781	ng/ul#	87
63) 4-Nitroaniline	15.768	138	44867	48.292	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.827	198	35151	43.420	ng/ul#	82
67) N-Nitrosodiphenylamine	15.950	169	165570	44.516	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	68780	43.525	ng/ul	94
69) Hexachlorobenzene	16.755	284	80262	44.891	ng/ul	95
70) Atrazine	16.896	200	73987	43.555	ng/ul	97
71) Pentachlorophenol	17.102	266	39019	47.133	ng/ul	89
72) Phenanthrene	17.495	178	320839	43.425	ng/ul	98
74) Anthracene	17.584	178	311561	41.614	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.501	216	84554	43.845	ng/ul	97
76) Pentachlorobenzene	15.022	250	91650	44.918	ng/ul	94
77) Carbazole	17.854	167	285750	42.690	ng/ul	99
78) Di-n-butylphthalate	18.406	149	358146	43.027	ng/ul	98
80) Fluoranthene	19.504	202	393760	48.020	ng/ul	99
82) Pyrene	19.863	202	389274	47.815	ng/ul	99
83) Butylbenzylphthalate	20.744	149	153775	48.515	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.625	252	134959	44.473	ng/ul	100
85) Benzo(a)anthracene	21.713	228	372302	46.107	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.608	149	220648	46.907	ng/ul	96
87) Chrysene	21.778	228	353840	45.783	ng/ul	97
89) Di-n-octyl phthalate	22.835	149	365884	45.938	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	404348m	47.612	ng/ul	
91) Benzo(k)fluoranthene	24.034	252	366903	44.144	ng/ul	100
93) Benzo(a)pyrene	24.862	252	337915	45.865	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.768	276	448727	47.733	ng/ul	98
95) Dibenzo(a,h)anthracene	28.833	278	373337	47.991	ng/ul	97
96) Benzo(g,h,i)perylene	29.949	276	371226m	47.497	ng/ul	

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

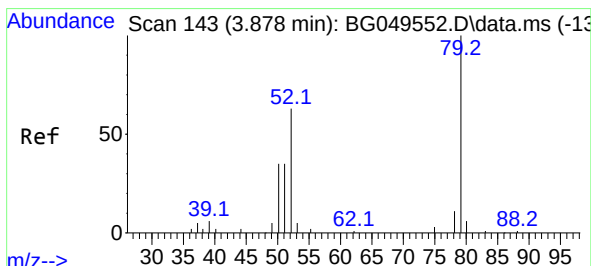
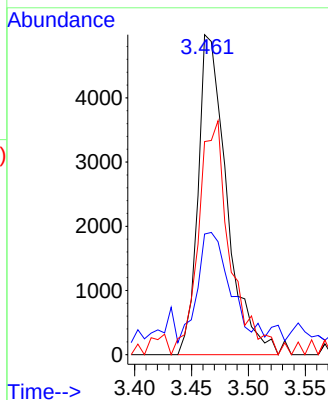
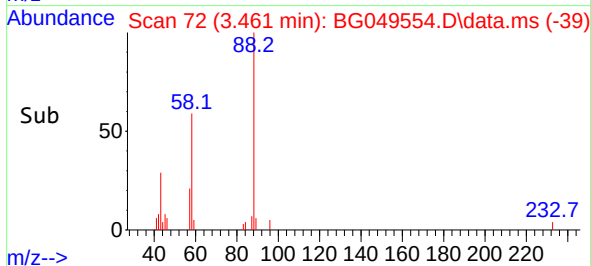


#2
1,4-Dioxane
Concen: 13.529 ng/uL
RT: 3.461 min Scan# 72
Delta R.T. -0.006 min
Lab File: BG049554.D
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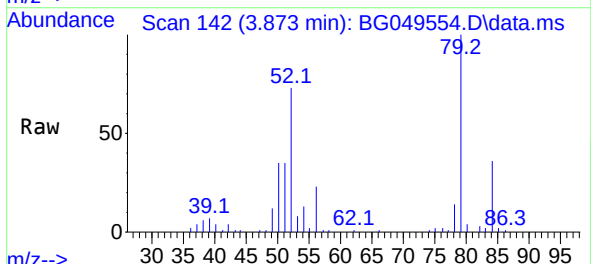


Tgt Ion: 88 Resp: 8777

Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.5	44.3
58	66.6	56.8	85.2

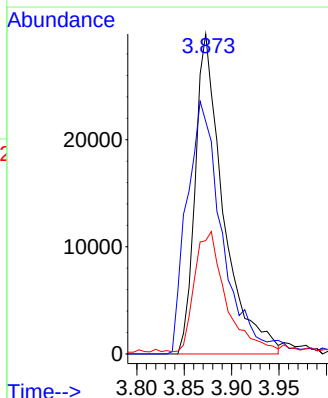
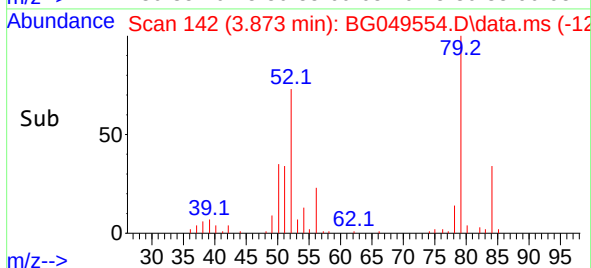


#5
Pyridine
Concen: 42.224 ng/uL
RT: 3.873 min Scan# 142
Delta R.T. -0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion: 79 Resp: 61574

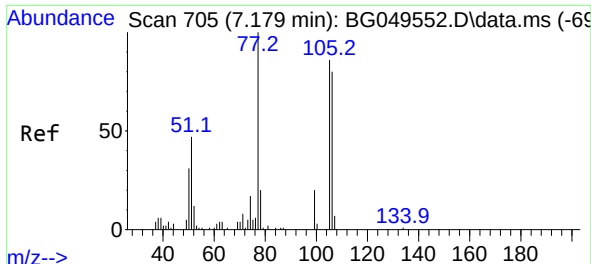
Ion	Ratio	Lower	Upper
79	100		
52	72.7	57.4	86.2
51	35.4	28.9	43.3



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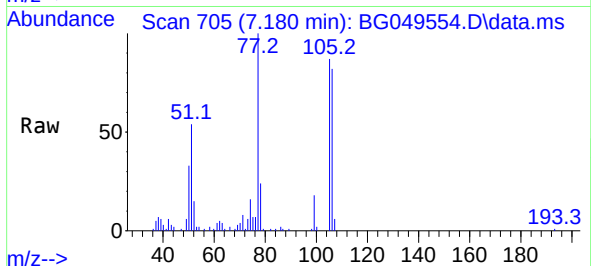
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#6
Benzaldehyde
Concen: 50.022 ng/ul
RT: 7.180 min Scan# 705
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

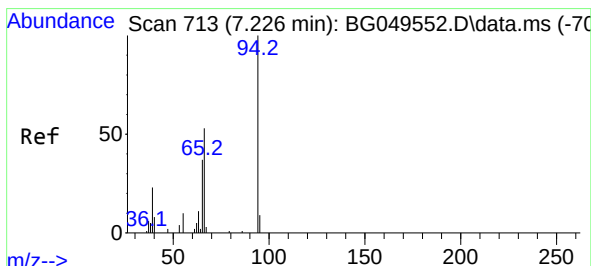
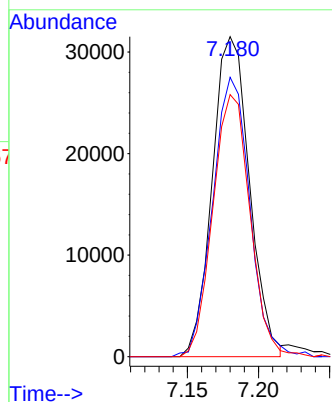
Instrument :
BNA_G
ClientSampleId :
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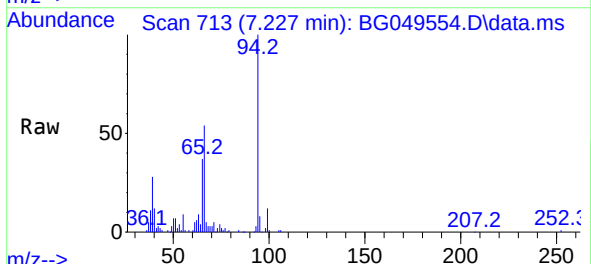
Tgt Ion: 77 Resp: 57347
Ion Ratio Lower Upper
77 100
105 87.3 70.0 105.0
106 81.9 70.1 105.1

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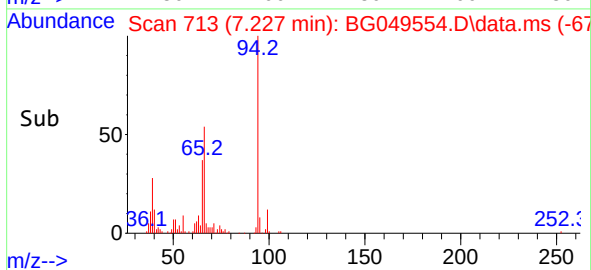
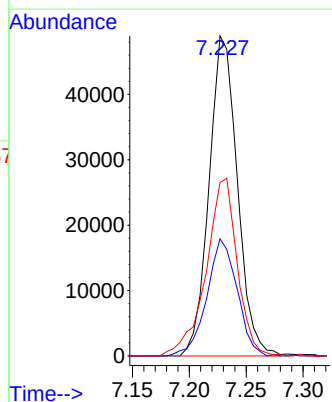
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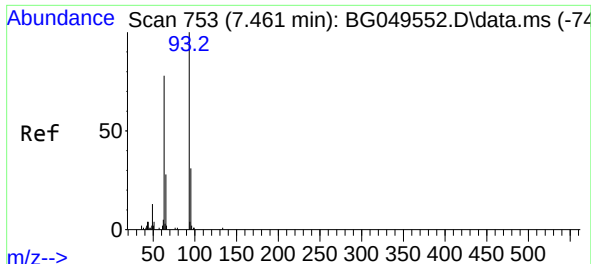


#8
Phenol
Concen: 45.270 ng/ul
RT: 7.227 min Scan# 713
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

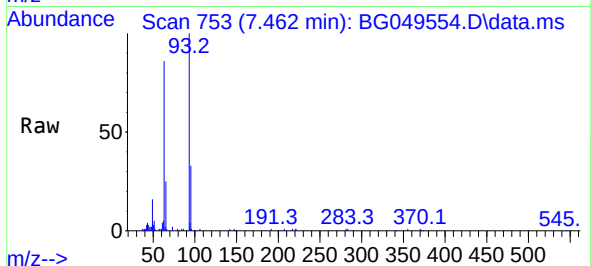


Tgt Ion: 94 Resp: 84961
Ion Ratio Lower Upper
94 100
65 36.6 28.8 43.2
66 54.2 40.3 60.5



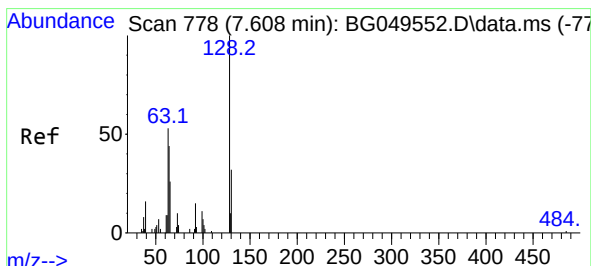
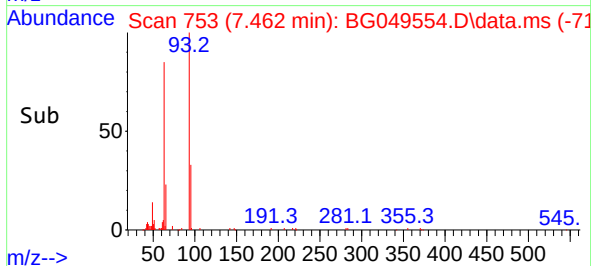
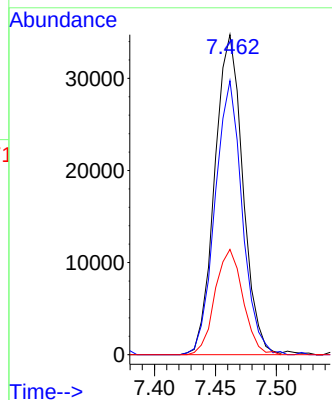


#10
Bis(2-Chloroethyl)ether
Concen: 43.018 ng/ul
RT: 7.462 min Scan# 753
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

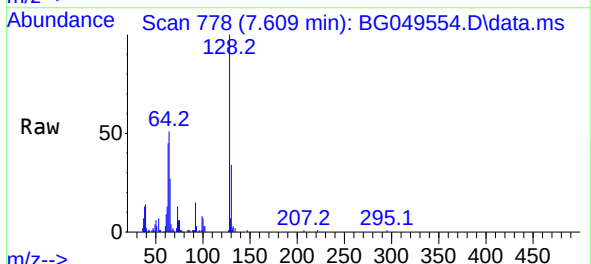


Tgt Ion: 93 Resp: 55622

Ion	Ratio	Lower	Upper
93	100		
63	85.6	62.4	93.6
95	32.9	26.0	39.0

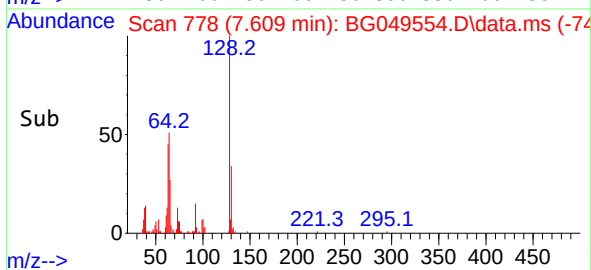
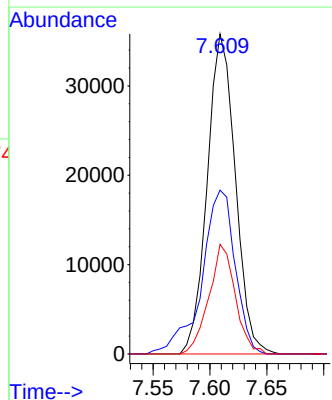


#12
2-Chlorophenol
Concen: 46.472 ng/ul
RT: 7.609 min Scan# 778
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion: 128 Resp: 61615

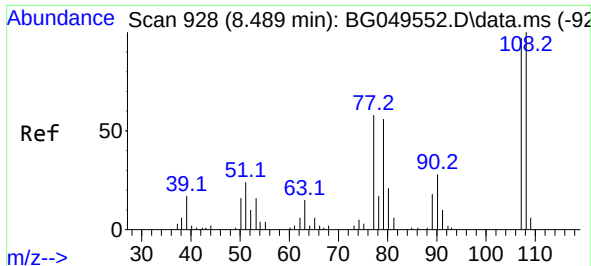
Ion	Ratio	Lower	Upper
128	100		
64	51.2	44.2	66.4
130	34.3	24.1	36.1



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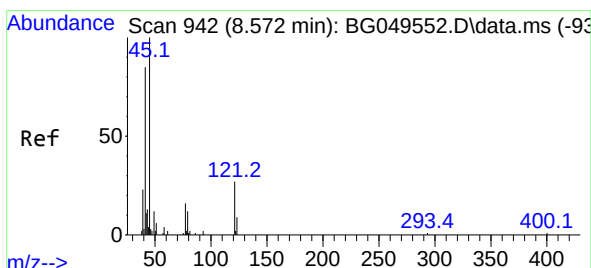
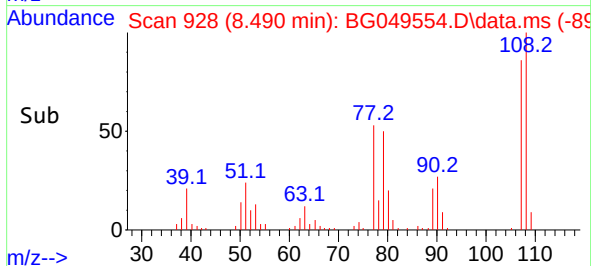
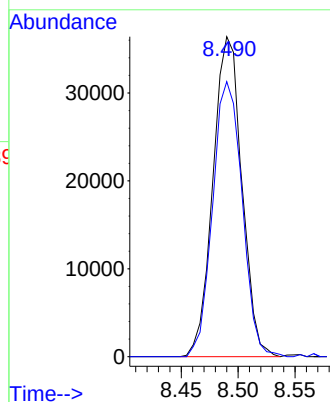
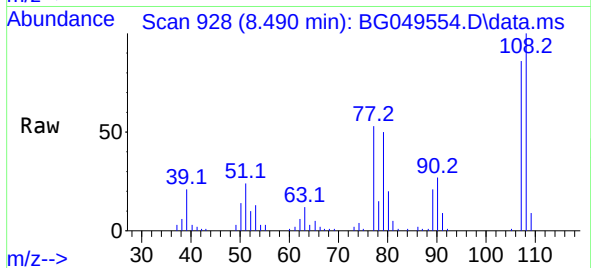
#13
2-Methylphenol
Concen: 44.912 ng/ul
RT: 8.490 min Scan# 928
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion: 108 Resp: 64242
Ion Ratio Lower Upper
108 100
107 85.9 71.2 106.8

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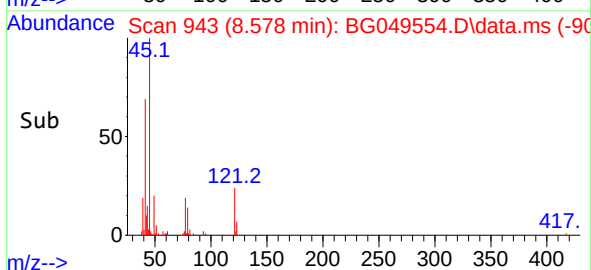
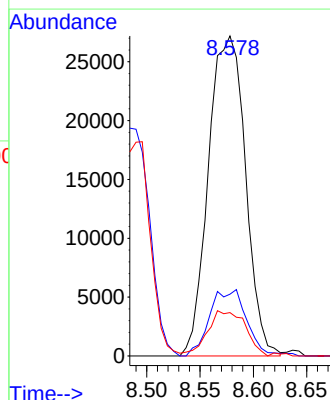
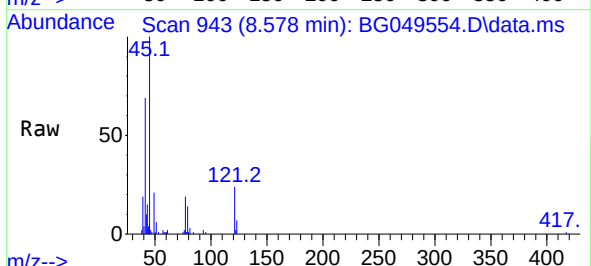
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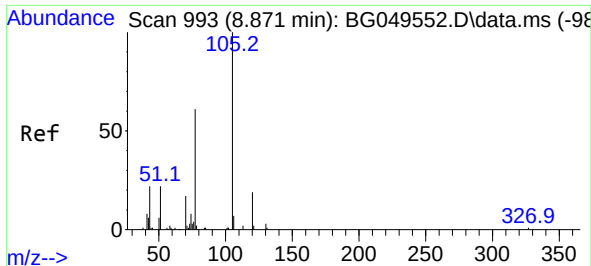
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 43.377 ng/ul
RT: 8.578 min Scan# 943
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

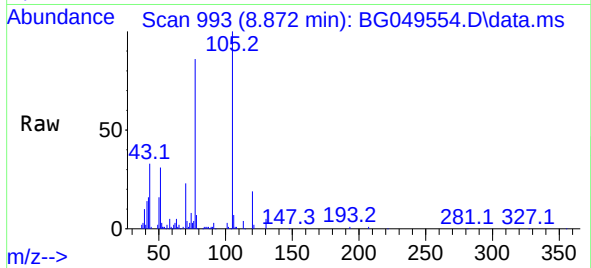
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Ion Ratio Lower Upper
45 100
77 19.3 17.0 25.4
79 13.5 9.7 14.5





#16
Acetophenone
Concen: 44.268 ng/ul
RT: 8.872 min Scan# 993
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

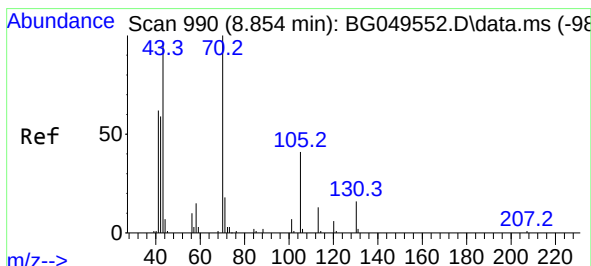
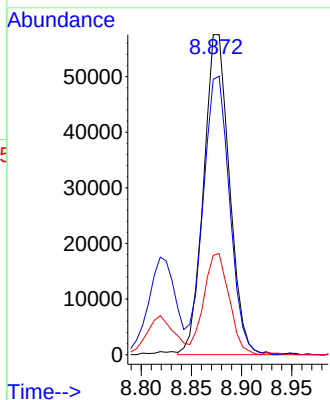
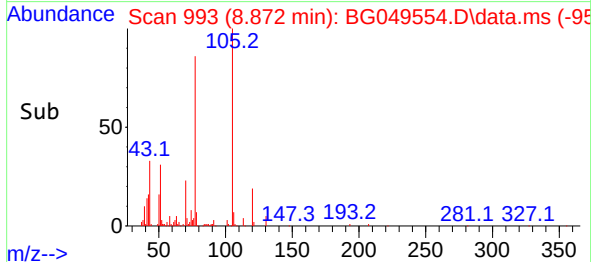
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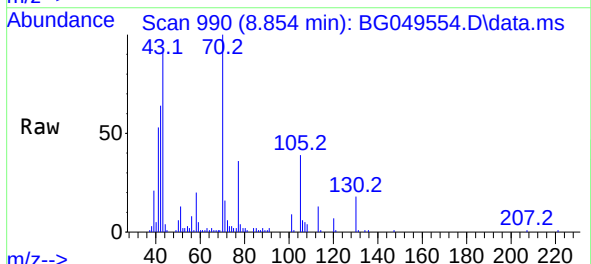
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Ion Ratio Lower Upper
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51 31.0 20.8 31.2

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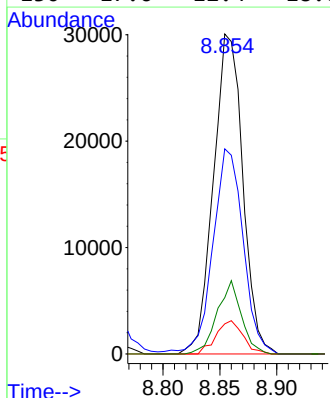
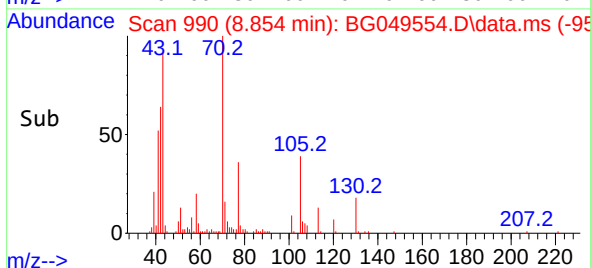
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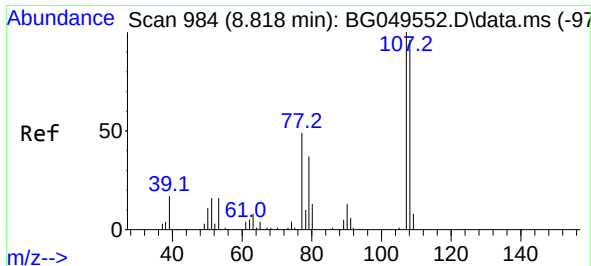


#17
N-Nitroso-di-n-propylamine
Concen: 44.903 ng/ul
RT: 8.854 min Scan# 990
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



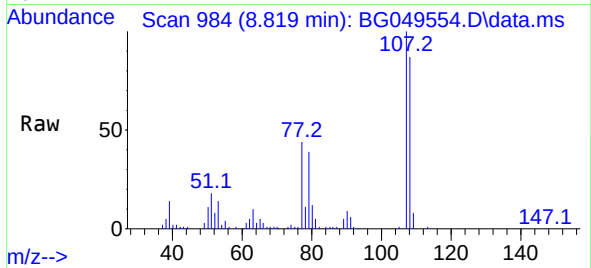
Tgt Ion: 70 Resp: 53968
Ion Ratio Lower Upper
70 100
42 64.1 44.2 66.4
101 9.4 5.4 8.0#
130 17.6 12.4 18.6





#18
4-Methylphenol
Concen: 44.402 ng/ul
RT: 8.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

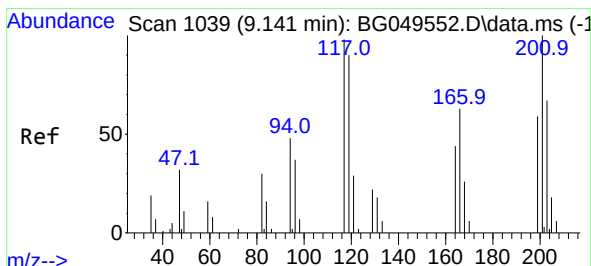
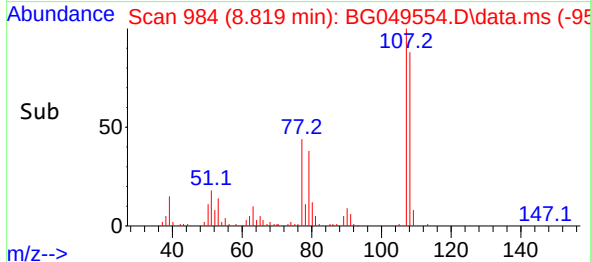
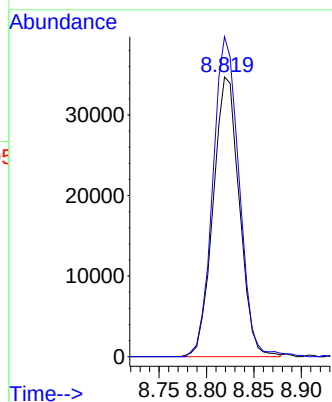
Instrument :
BNA_G
ClientSampleId :
SLCS954



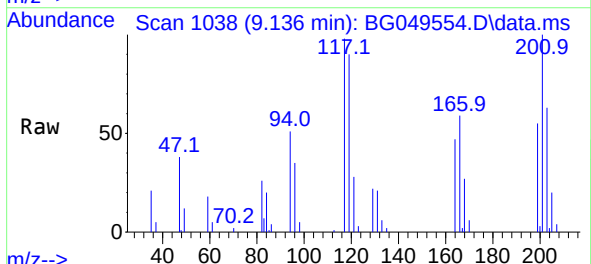
Tgt Ion:108 Resp: 66817
Ion Ratio Lower Upper
108 100
107 114.4 85.4 128.2

Manual Integrations
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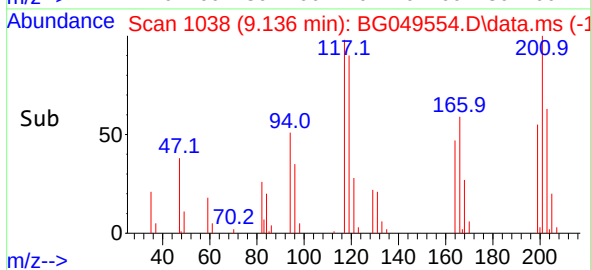
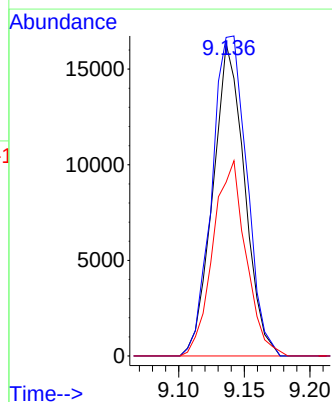
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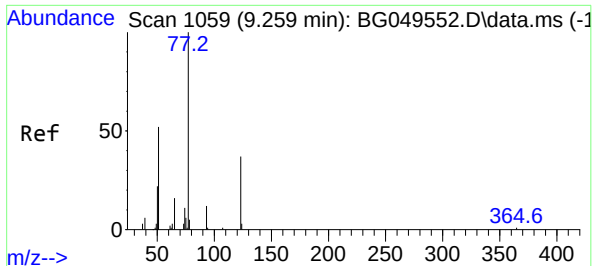


#19
Hexachloroethane
Concen: 45.946 ng/ul
RT: 9.136 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



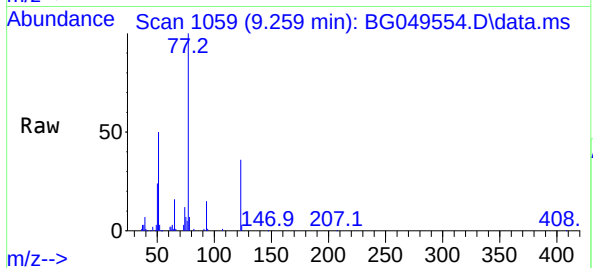
Tgt Ion:117 Resp: 27443
Ion Ratio Lower Upper
117 100
201 101.9 100.1 150.1
199 55.6 49.8 74.6





#22
Nitrobenzene
Concen: 43.632 ng/ul
RT: 9.259 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

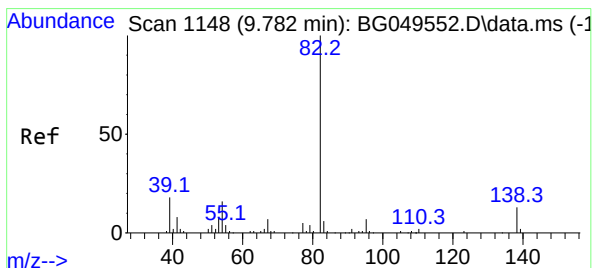
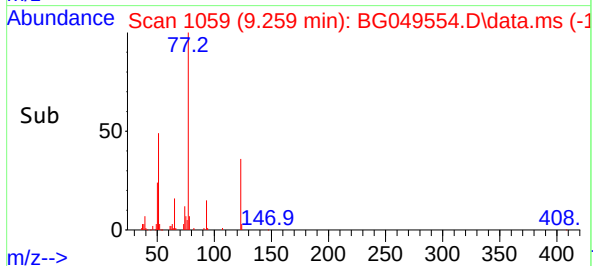
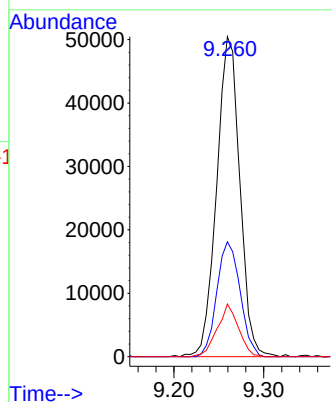
Instrument :
BNA_G
ClientSampleId :
SLCS954



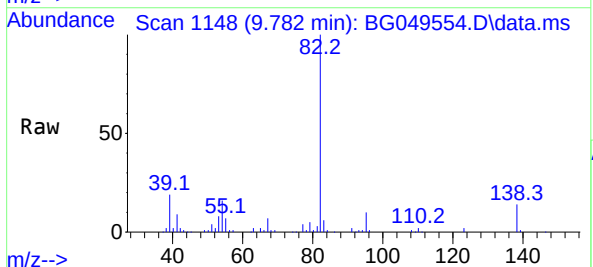
Tgt Ion: 77 Resp: 90259
Ion Ratio Lower Upper
77 100
123 35.9 27.5 41.3
65 16.5 10.8 16.2#

Manual Integrations
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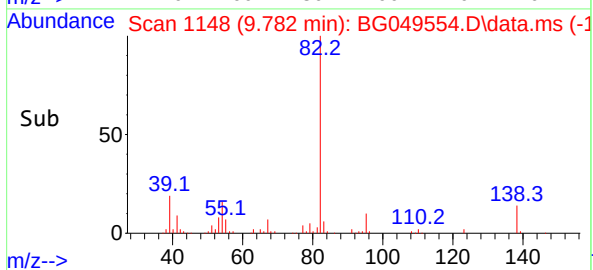
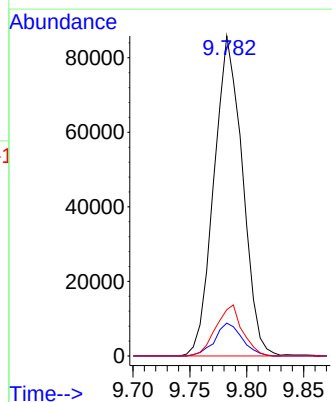
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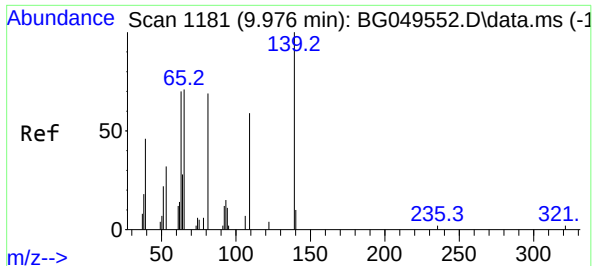


#23
Isophorone
Concen: 43.162 ng/ul
RT: 9.782 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion: 82 Resp: 149612
Ion Ratio Lower Upper
82 100
95 10.2 7.4 11.0
138 14.4 10.7 16.1





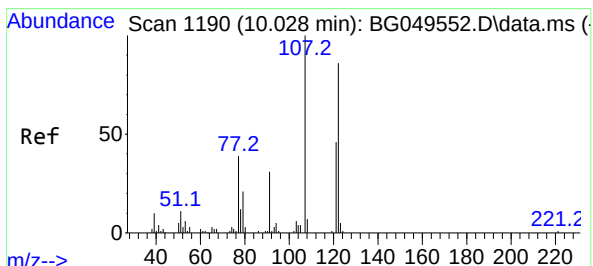
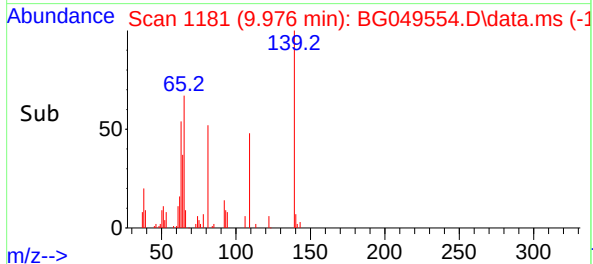
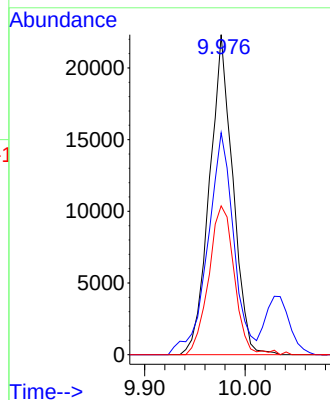
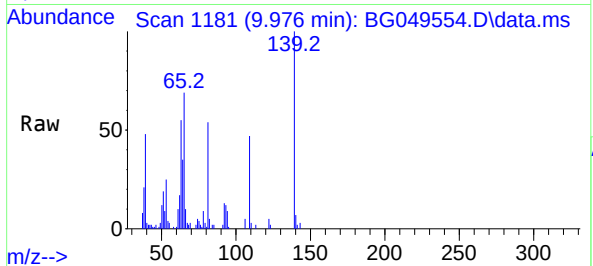
#25
2-Nitrophenol
Concen: 47.216 ng/ul
RT: 9.976 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:139 Resp: 36075
Ion Ratio Lower Upper
139 100
65 69.4 49.8 74.6
109 46.5 31.9 47.9

Instrument :
BNA_G
ClientSampled :
SLCS954

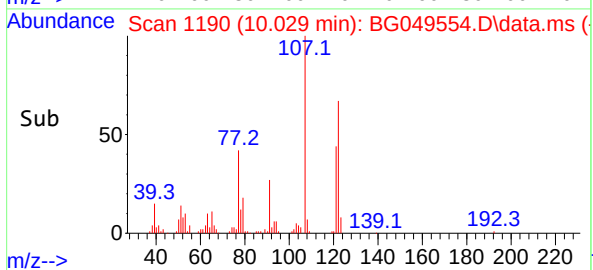
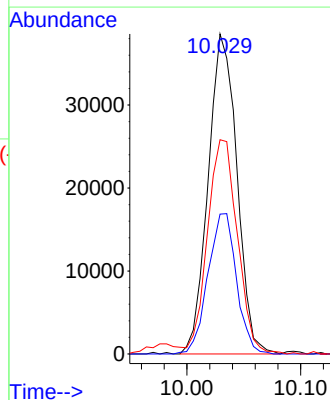
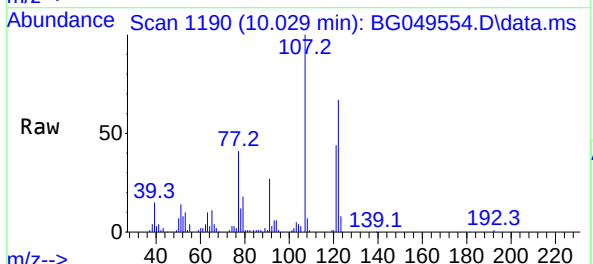
Manual Integrations
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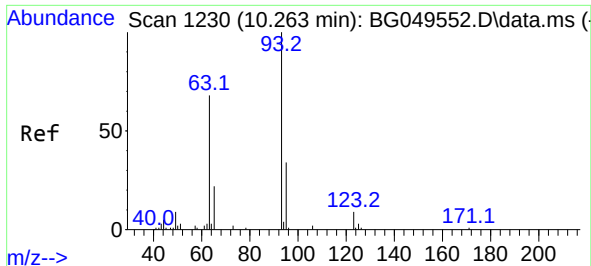
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#26
2,4-Dimethylphenol
Concen: 37.233 ng/ul
RT: 10.029 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:107 Resp: 67799
Ion Ratio Lower Upper
107 100
121 43.7 34.1 51.1
122 67.0 58.8 88.2





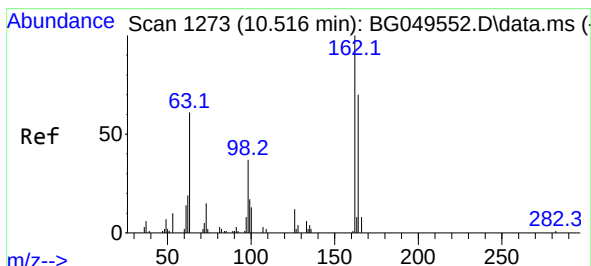
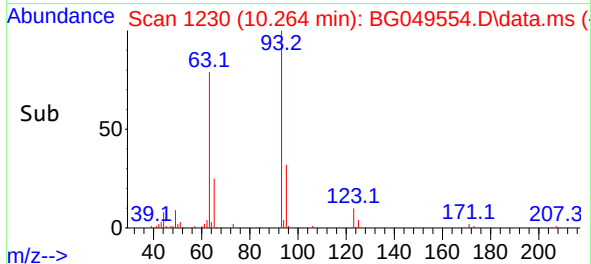
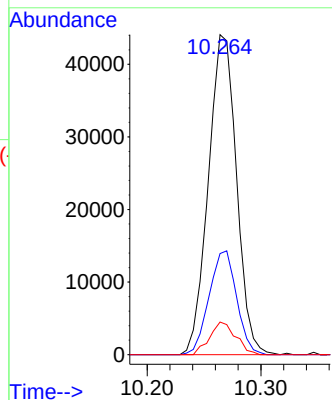
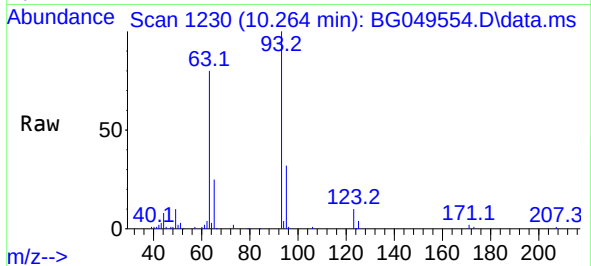
#27
Bis(2-Chloroethoxy)methane
Concen: 43.891 ng/ul
RT: 10.264 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Instrument :
BNA_G
ClientSampled :
SLCS954

Tgt Ion:	93	Resp:	75881
Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.8	40.2
123	10.2	8.3	12.5

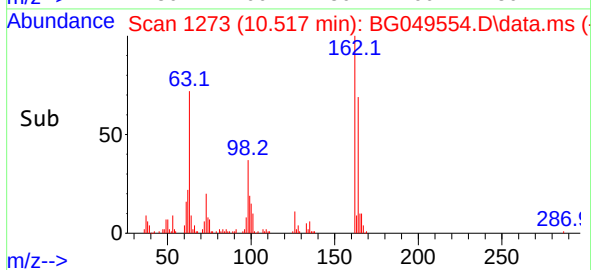
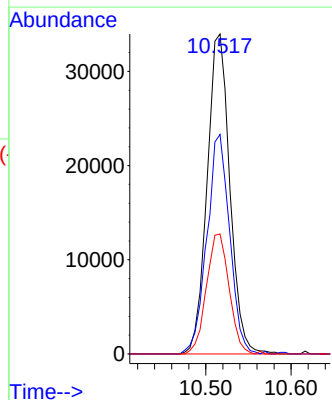
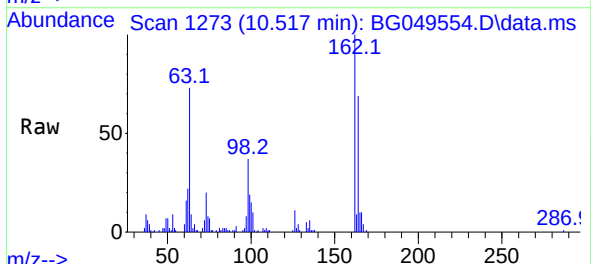
Manual Integrations
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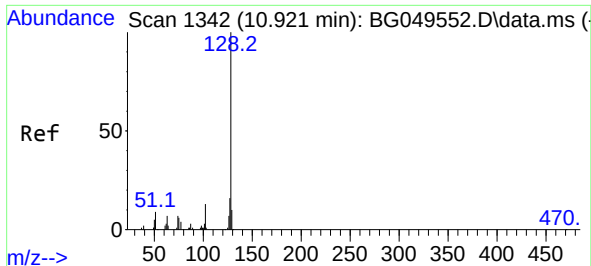
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#29
2,4-Dichlorophenol
Concen: 43.567 ng/ul
RT: 10.517 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

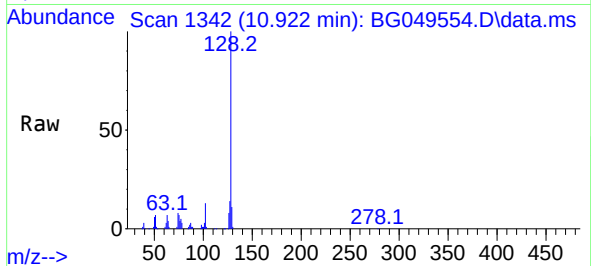
Tgt Ion:	162	Resp:	62887
Ion	Ratio	Lower	Upper
162	100		
164	68.6	52.2	78.2
98	37.5	25.4	38.2





#30
Naphthalene
Concen: 43.245 ng/ul
RT: 10.922 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

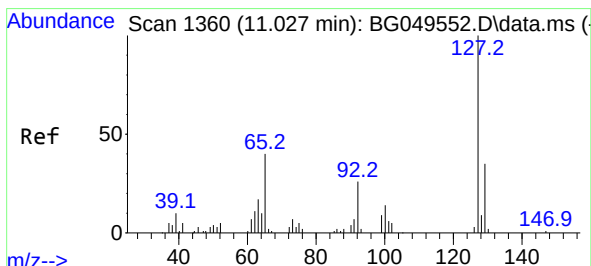
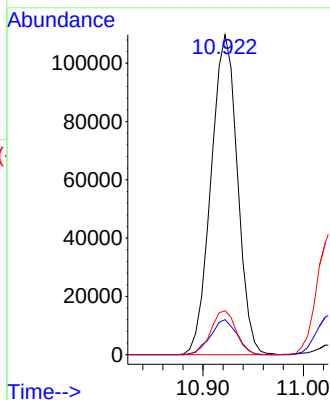
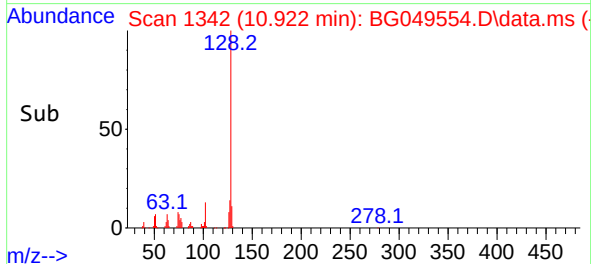
Instrument :
BNA_G
ClientSampleId :
SLCS954



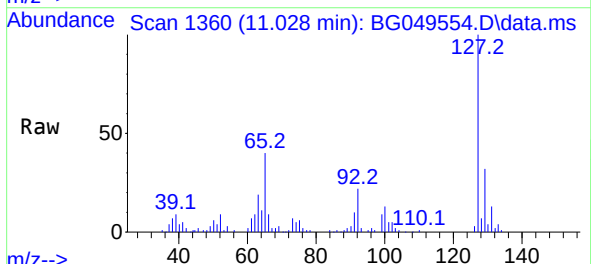
Tgt Ion:128 Resp: 200732
Ion Ratio Lower Upper
128 100
129 10.9 7.8 11.8
127 13.7 11.0 16.6

Manual Integrations
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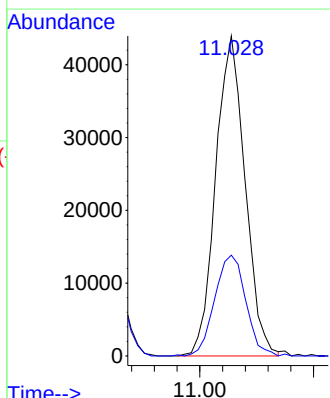
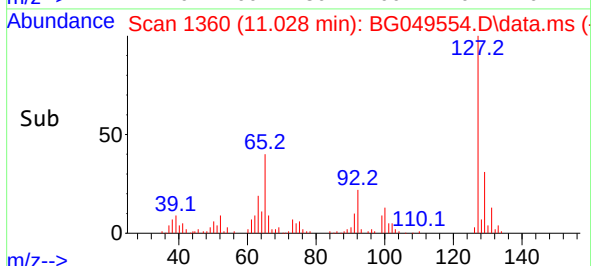
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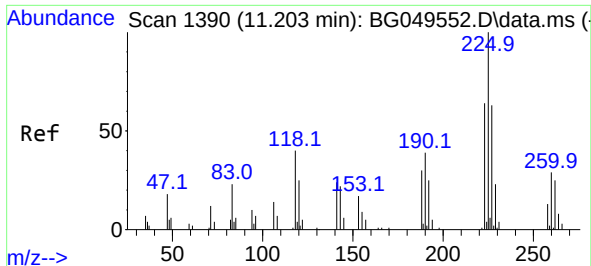


#32
4-Chloroaniline
Concen: 40.289 ng/ul
RT: 11.028 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

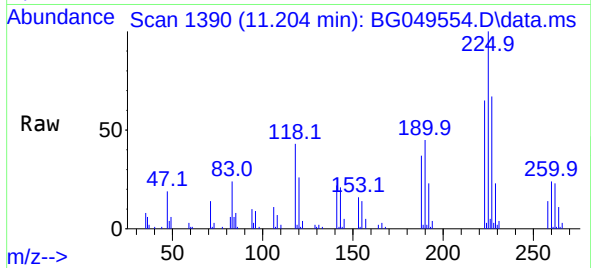


Tgt Ion:127 Resp: 78867
Ion Ratio Lower Upper
127 100
129 31.5 21.3 31.9

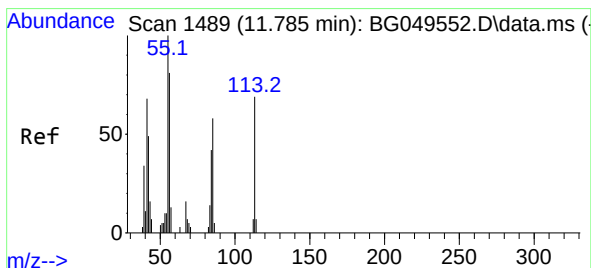
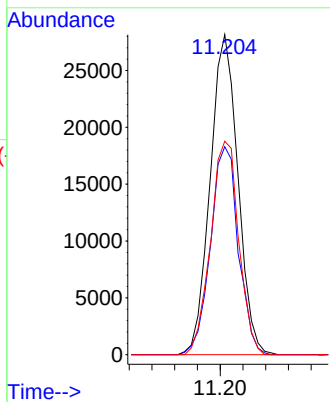
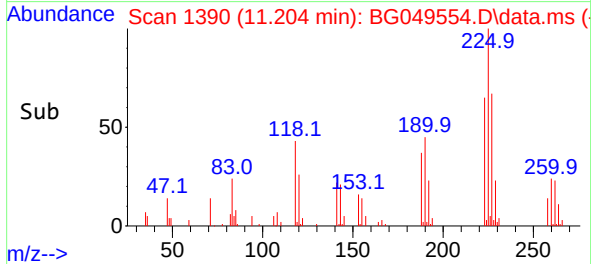




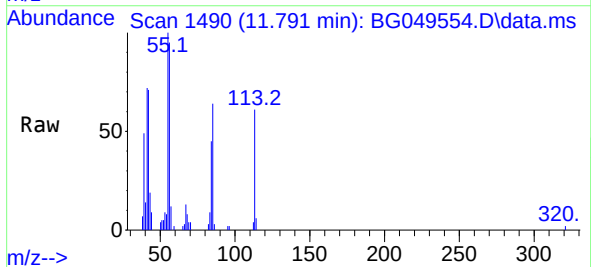
#33
Hexachlorobutadiene
Concen: 43.216 ng/ul
RT: 11.204 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



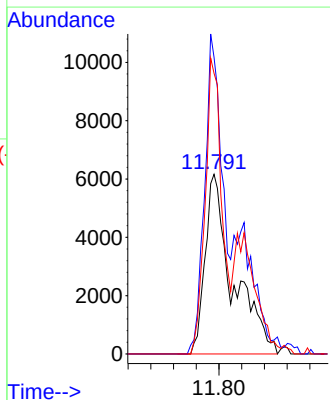
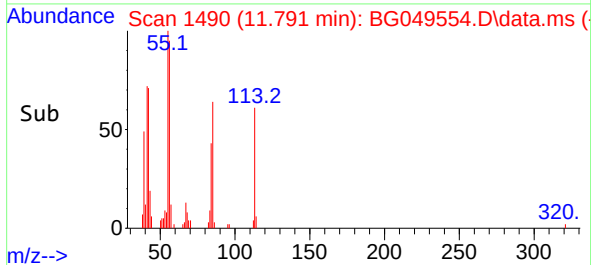
Tgt Ion:225 Resp: 47692
Ion Ratio Lower Upper
225 100
223 65.0 52.1 78.1
227 66.7 52.4 78.6



#34
Caprolactam
Concen: 42.704 ng/ul m
RT: 11.791 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



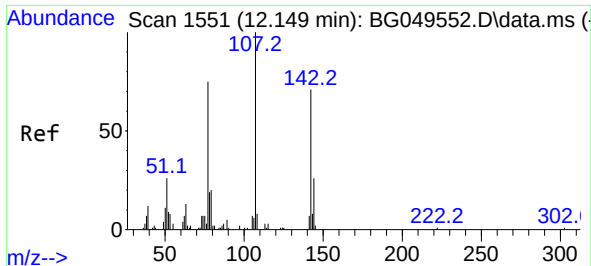
Tgt Ion:113 Resp: 20964
Ion Ratio Lower Upper
113 100
55 165.0 116.6 174.8
56 156.1 95.0 142.6#



Instrument :
BNA_G
ClientSampled :
SLCS954

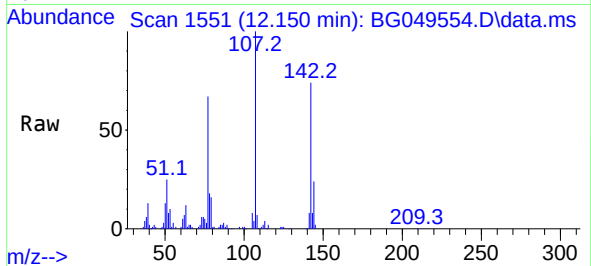
Manual Integrations
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#35
4-Chloro-3-methylphenol
Concen: 46.192 ng/ul
RT: 12.150 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

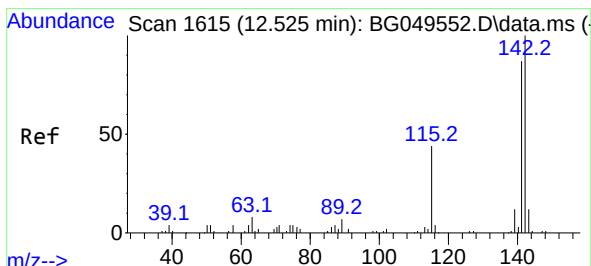
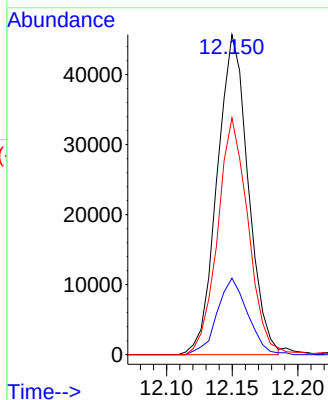
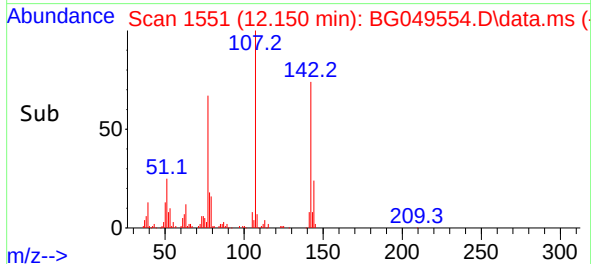
Instrument :
BNA_G
ClientSampleId :
SLCS954



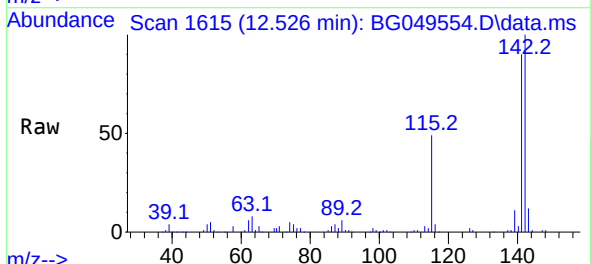
Tgt Ion:107 Resp: 75022
Ion Ratio Lower Upper
107 100
144 23.9 17.0 25.6
142 73.9 53.3 79.9

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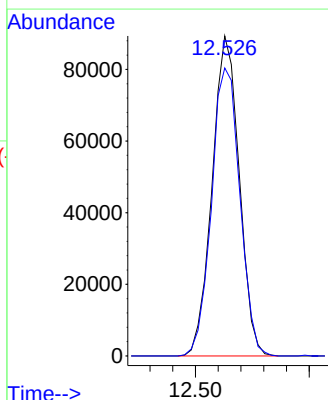
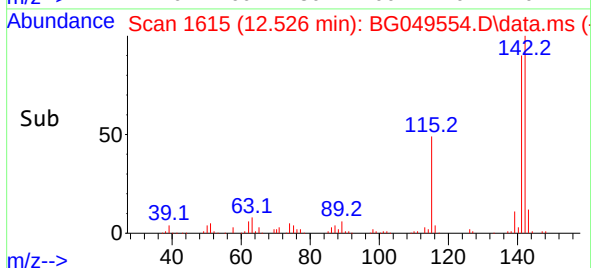
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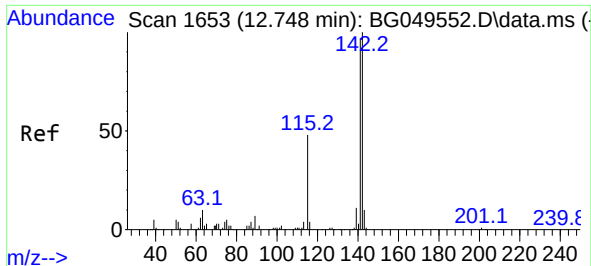


#36
2-Methylnaphthalene
Concen: 43.479 ng/ul
RT: 12.526 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



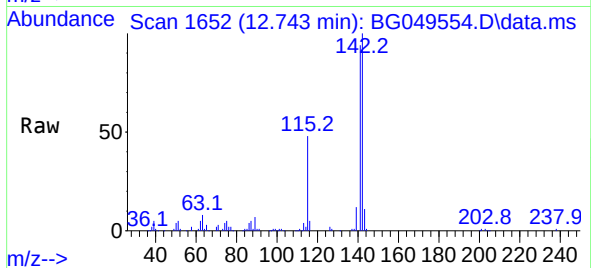
Tgt Ion:142 Resp: 147710
Ion Ratio Lower Upper
142 100
141 90.0 69.9 104.9





#37
1-Methylnaphthalene
Concen: 42.148 ng/ul
RT: 12.743 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

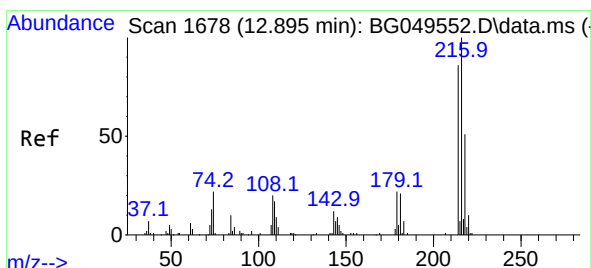
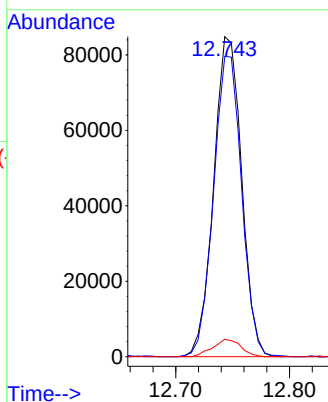
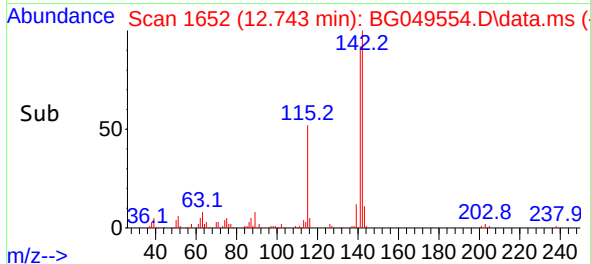
Instrument :
BNA_G
ClientSampled :
SLCS954



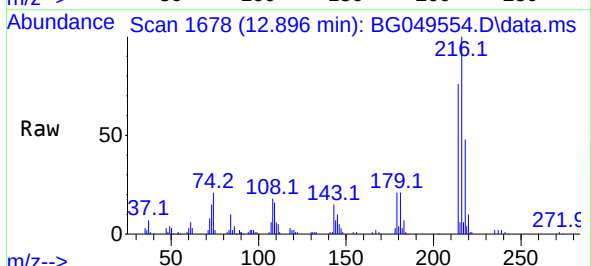
Tgt Ion:142 Resp: 144693
Ion Ratio Lower Upper
142 100
141 93.9 82.1 123.1
116 5.5 3.8 5.6

Manual Integrations
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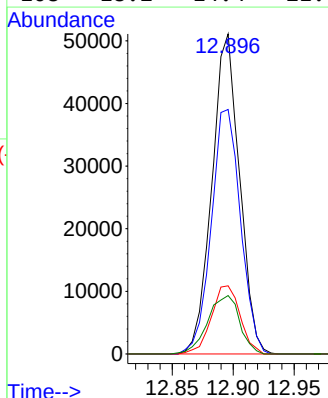
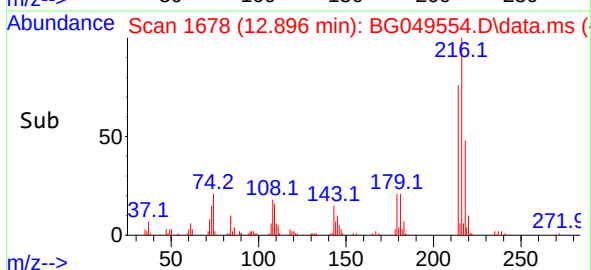
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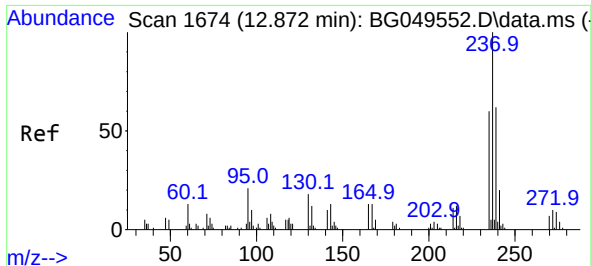


#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.978 ng/ul
RT: 12.896 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



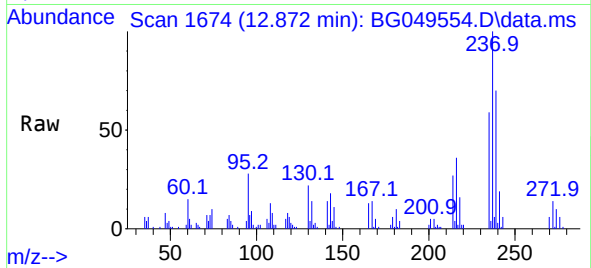
Tgt Ion:216 Resp: 80714
Ion Ratio Lower Upper
216 100
214 76.4 58.6 88.0
179 21.3 17.0 25.4
108 18.2 14.4 21.6





#40
Hexachlorocyclopentadiene
Concen: 25.979 ng/ul
RT: 12.872 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

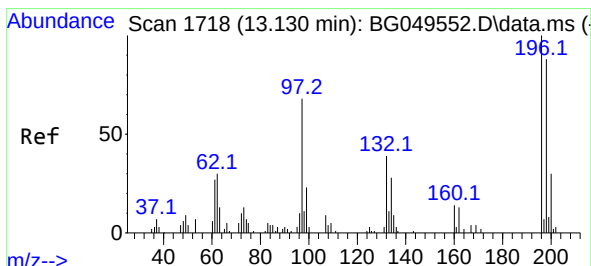
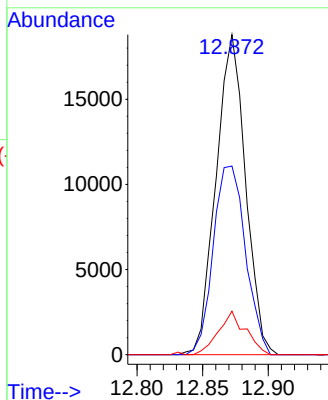
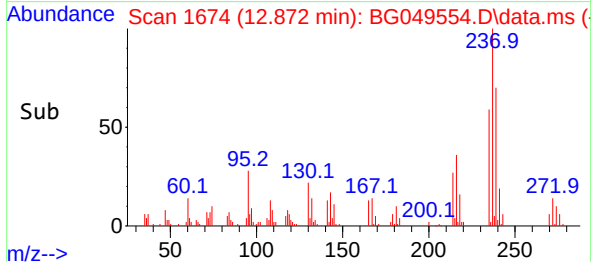
Instrument :
BNA_G
ClientSampled :
SLCS954



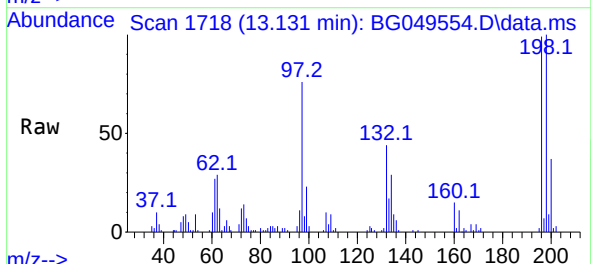
Tgt Ion:237 Resp: 29398
Ion Ratio Lower Upper
237 100
235 59.0 48.2 72.4
272 13.6 10.1 15.1

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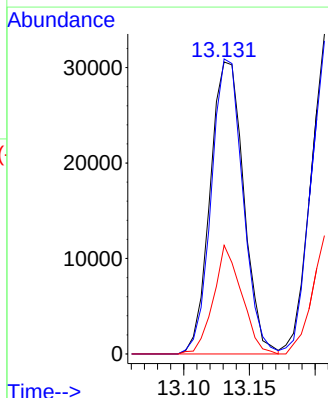
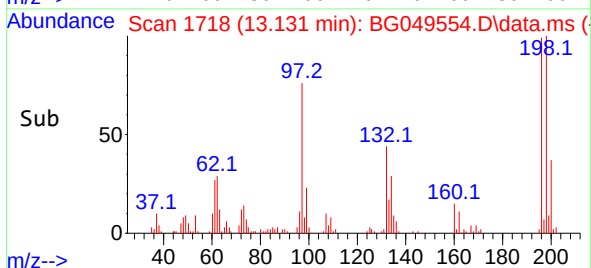
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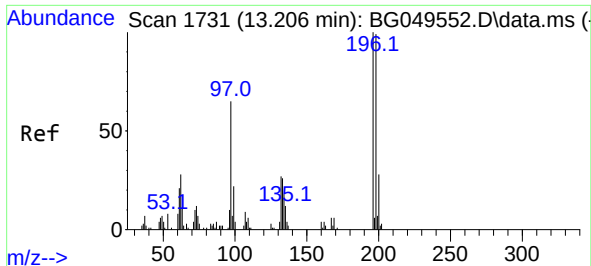


#41
2,4,6-Trichlorophenol
Concen: 46.956 ng/ul
RT: 13.131 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion:196 Resp: 54192
Ion Ratio Lower Upper
196 100
198 101.0 61.6 92.4#
200 37.2 21.3 31.9#





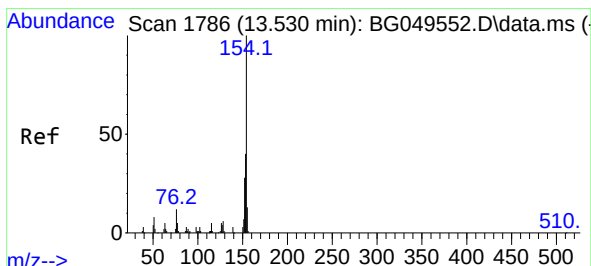
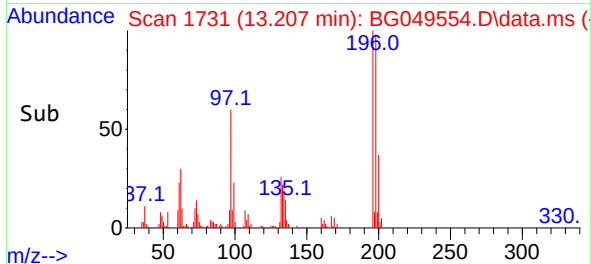
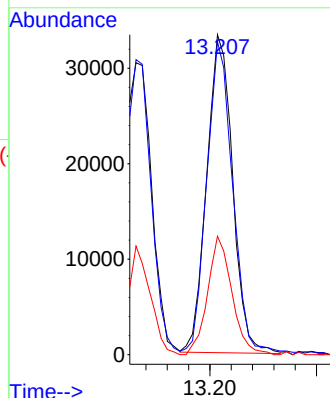
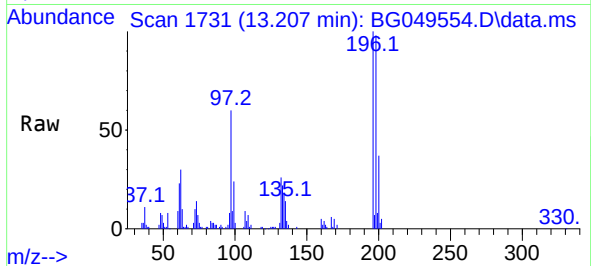
#42
2,4,5-Trichlorophenol
Concen: 45.693 ng/ul
RT: 13.207 min Scan# 1731
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:196 Resp: 56318
Ion Ratio Lower Upper
196 100
198 97.8 81.4 122.0
200 37.0 26.6 39.8

Instrument :
BNA_G
ClientSampleId :
SLCS954

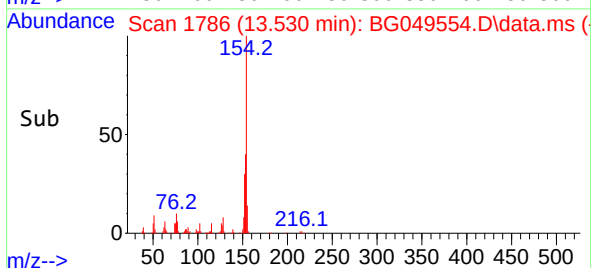
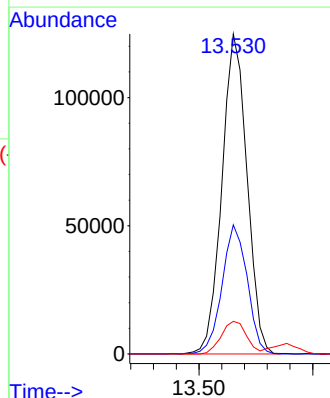
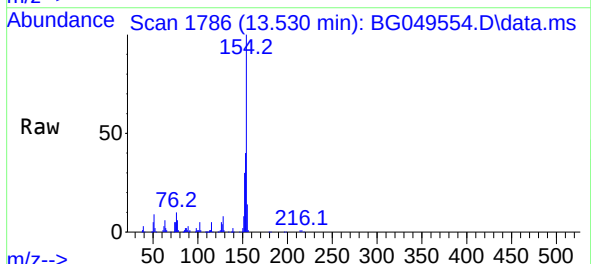
Manual Integrations
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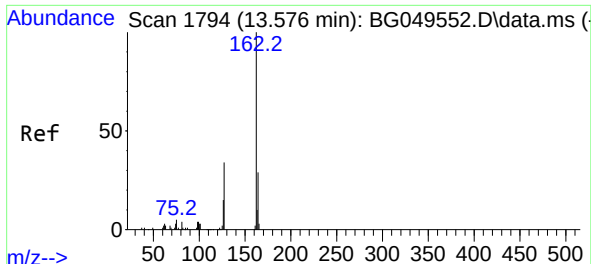
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#43
1,1'-Biphenyl
Concen: 42.509 ng/ul
RT: 13.530 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:154 Resp: 191278
Ion Ratio Lower Upper
154 100
153 40.3 33.3 49.9
76 10.2 7.0 10.6





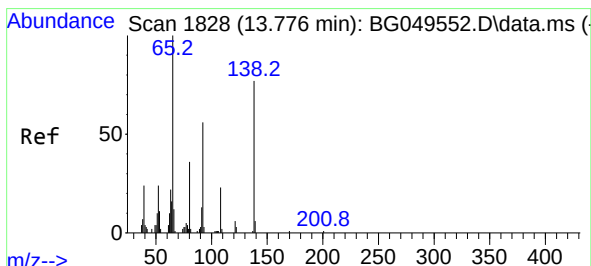
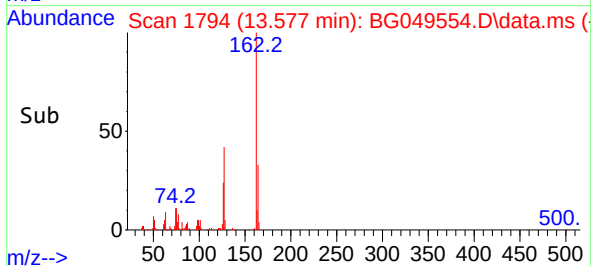
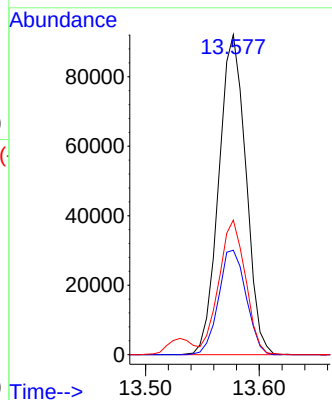
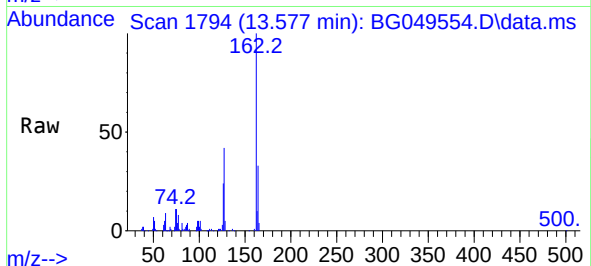
#44
2-Chloronaphthalene
Concen: 43.482 ng/ul
RT: 13.577 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:162 Resp: 152248
Ion Ratio Lower Upper
162 100
164 32.7 24.5 36.7
127 42.0 35.7 53.5

Instrument :
BNA_G
ClientSampled :
SLCS954

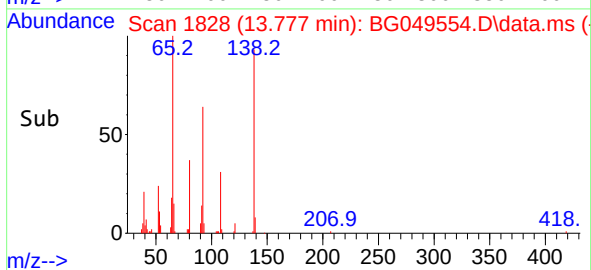
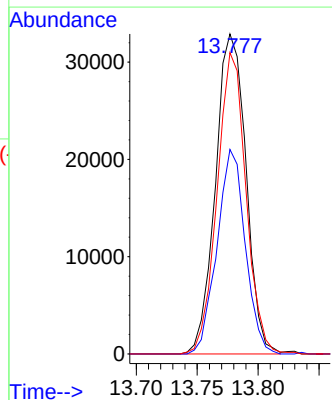
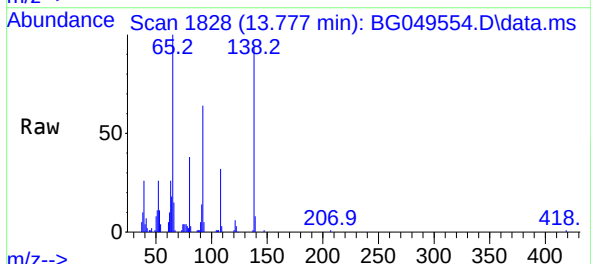
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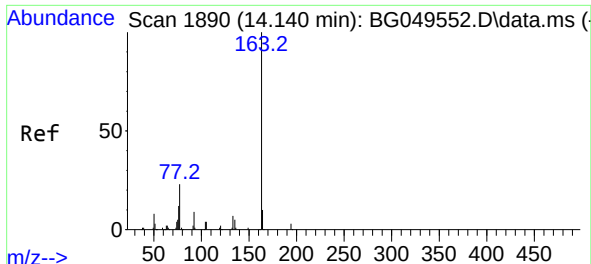
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#45
2-Nitroaniline
Concen: 46.114 ng/ul
RT: 13.777 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion: 65 Resp: 57301
Ion Ratio Lower Upper
65 100
92 63.9 51.8 77.6
138 94.1 68.1 102.1





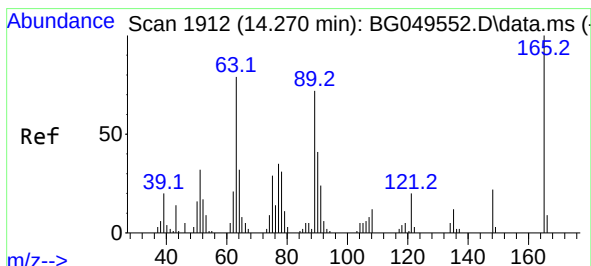
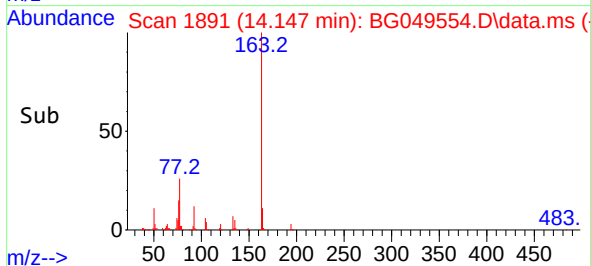
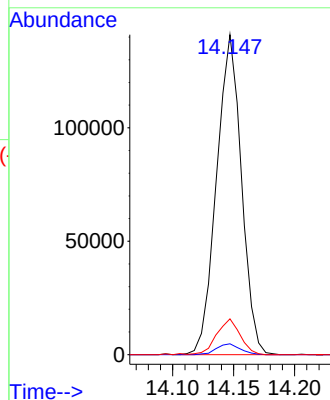
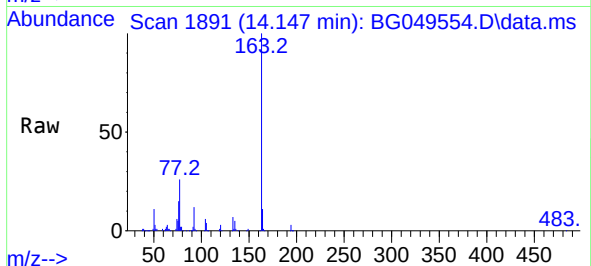
#47
Dimethylphthalate
Concen: 42.619 ng/ul
RT: 14.147 min Scan# 1891
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:163 Resp: 200610
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 11.2 8.5 12.7

Instrument :
BNA_G
ClientSampled :
SLCS954

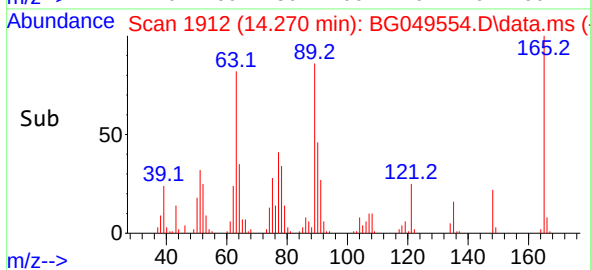
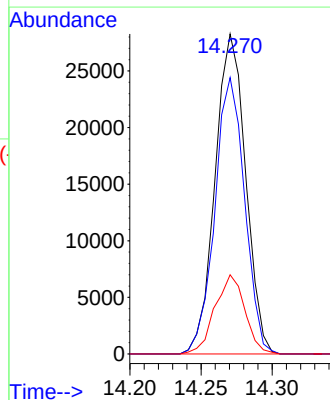
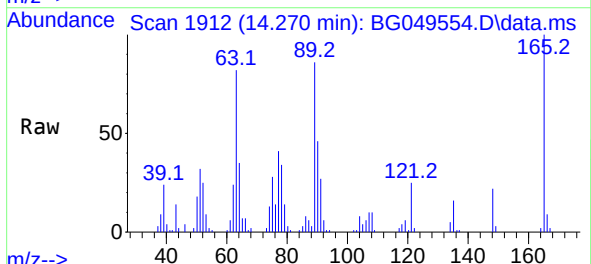
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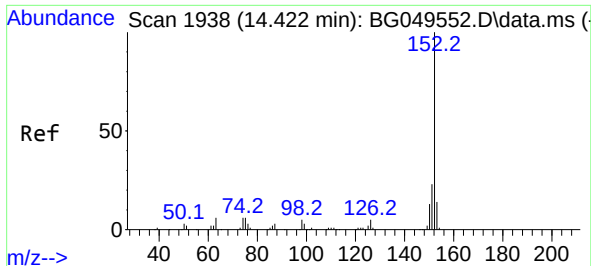
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#48
2,6-Dinitrotoluene
Concen: 45.017 ng/ul
RT: 14.270 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

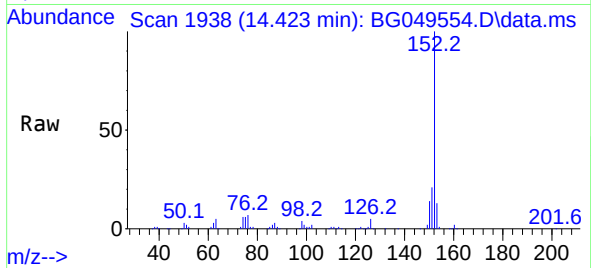
Tgt Ion:165 Resp: 42289
Ion Ratio Lower Upper
165 100
89 86.3 67.4 101.2
121 24.7 24.6 36.8





#50
Acenaphthylene
Concen: 42.921 ng/ul
RT: 14.423 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

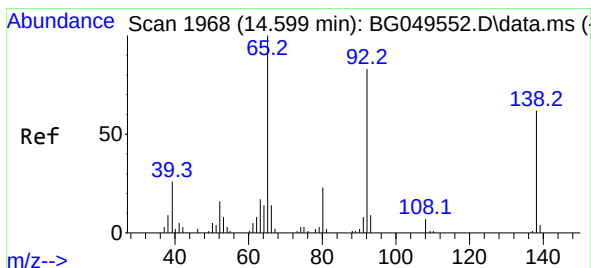
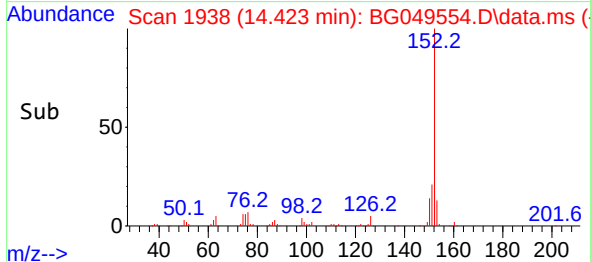
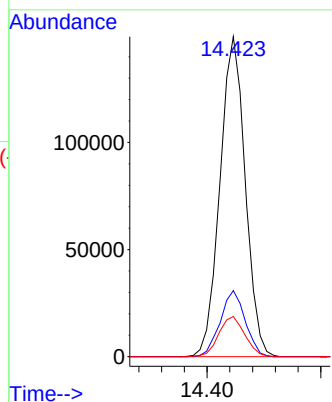
Instrument :
BNA_G
ClientSampled :
SLCS954



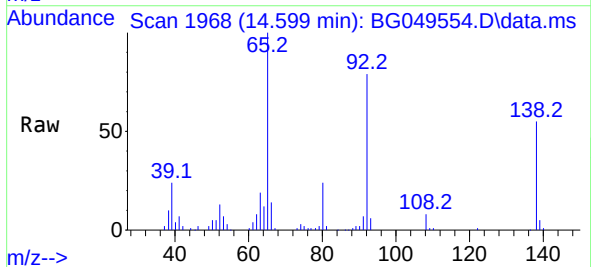
Tgt Ion:152 Resp: 230433
Ion Ratio Lower Upper
152 100
151 20.6 14.4 21.6
153 12.6 9.5 14.3

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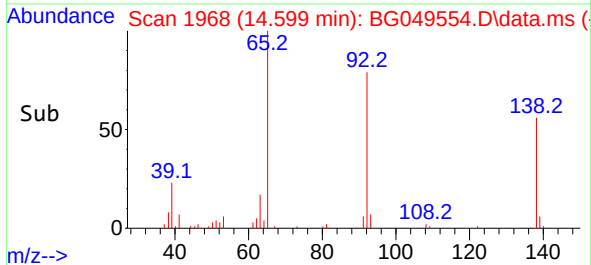
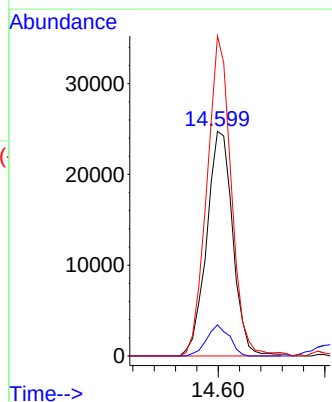
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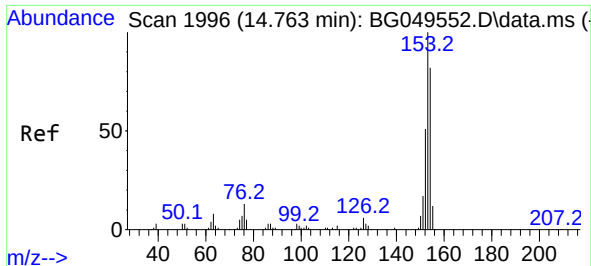


#51
3-Nitroaniline
Concen: 44.830 ng/ul
RT: 14.599 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



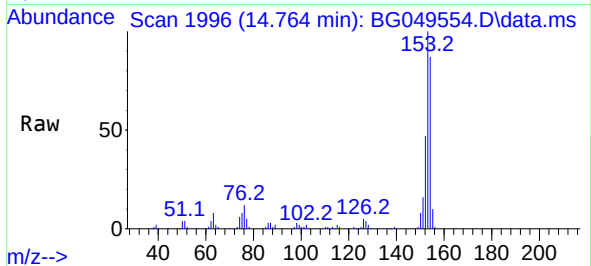
Tgt Ion:138 Resp: 42002
Ion Ratio Lower Upper
138 100
108 13.9 8.2 12.2#
92 142.4 93.0 139.6#





#52
Acenaphthene
Concen: 43.802 ng/ul
RT: 14.764 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

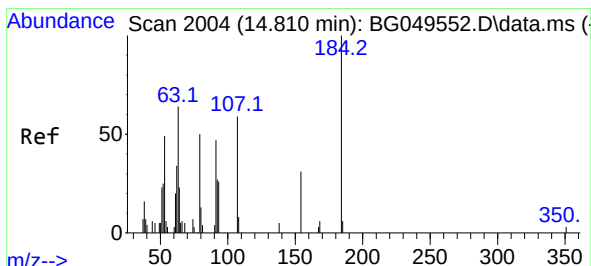
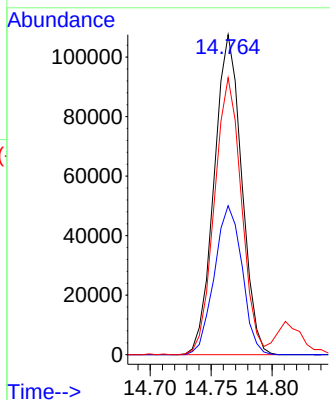
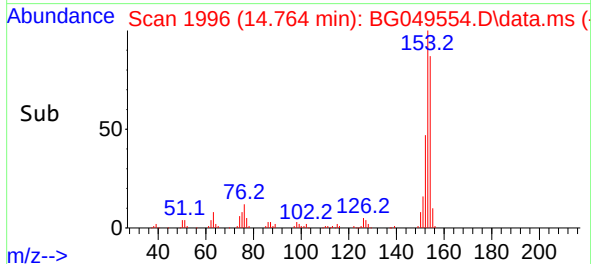
Instrument :
BNA_G
ClientSampleId :
SLCS954



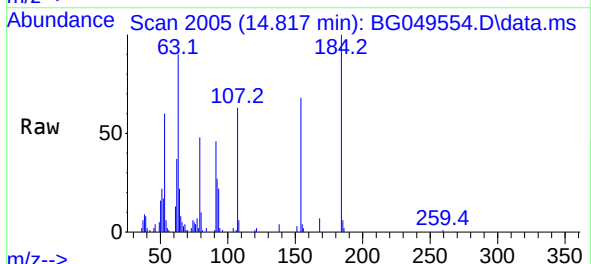
Tgt Ion:153 Resp: 168665
Ion Ratio Lower Upper
153 100
152 46.6 37.4 56.0
154 86.5 66.7 100.1

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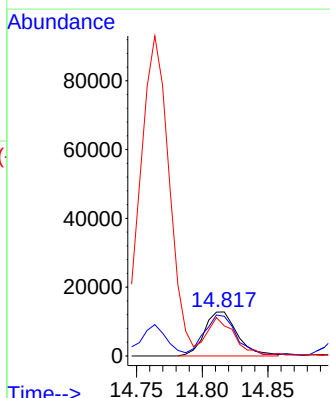
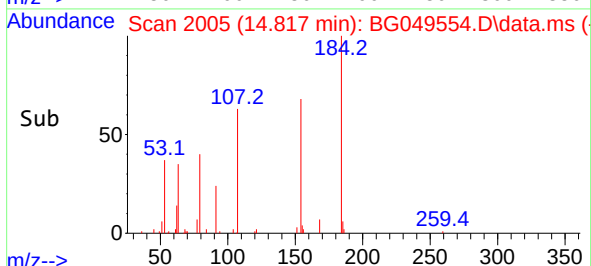
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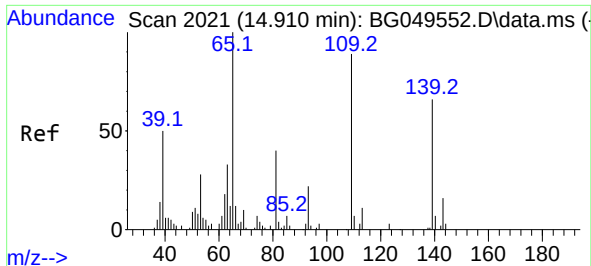


#53
2,4-Dinitrophenol
Concen: 47.809 ng/ul
RT: 14.817 min Scan# 2005
Delta R.T. 0.013 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

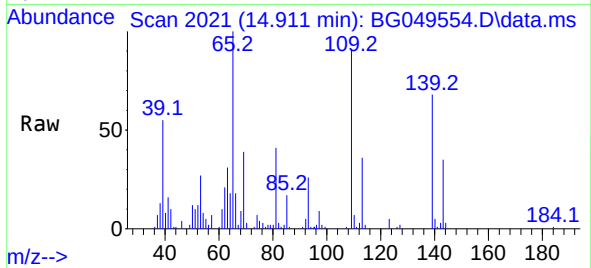


Tgt Ion:184 Resp: 22376
Ion Ratio Lower Upper
184 100
63 90.1 85.5 128.3
154 68.4 75.8 113.6#

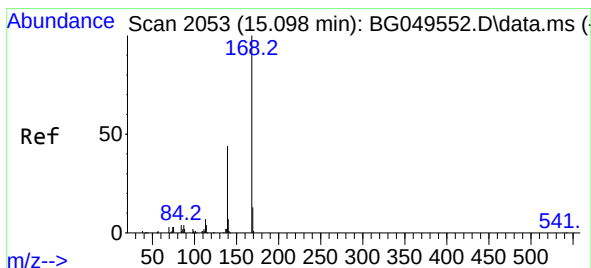
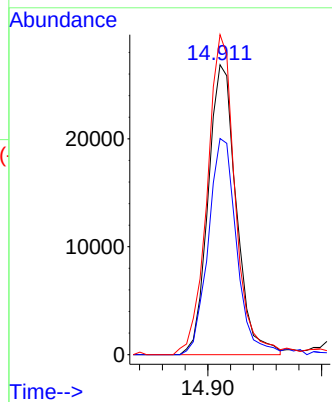
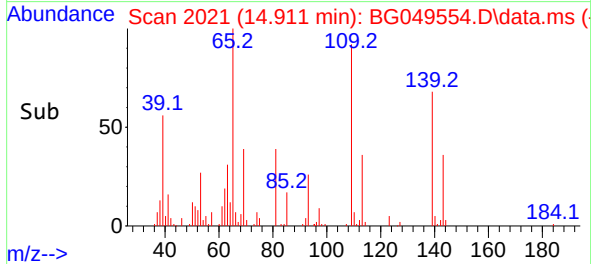




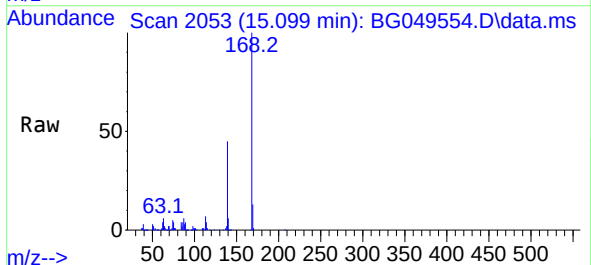
#55
4-Nitrophenol
Concen: 42.809 ng/ul
RT: 14.911 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



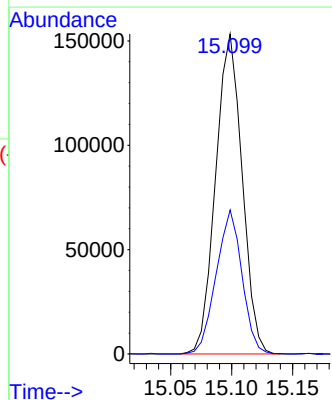
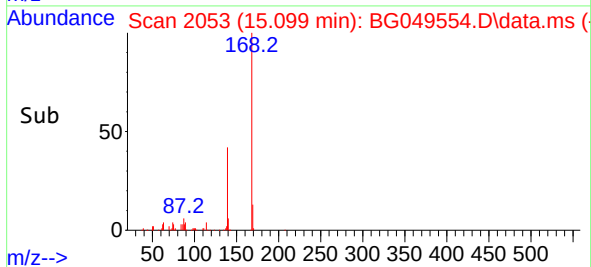
Tgt Ion:109 Resp: 46270
Ion Ratio Lower Upper
109 100
139 74.6 57.0 85.4
65 110.4 83.1 124.7



#56
Dibenzofuran
Concen: 44.529 ng/ul
RT: 15.099 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



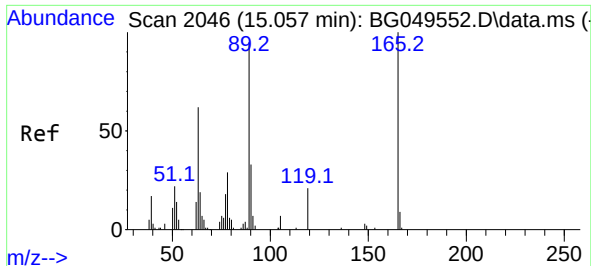
Tgt Ion:168 Resp: 231523
Ion Ratio Lower Upper
168 100
139 45.0 35.5 53.3



Instrument :
BNA_G
ClientSampleId :
SLCS954

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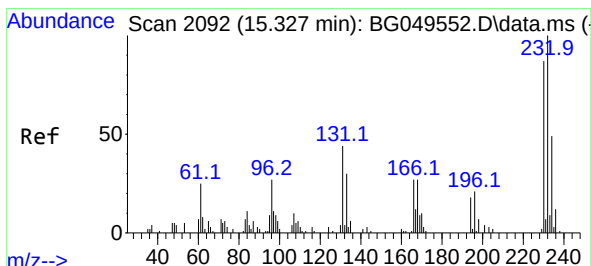
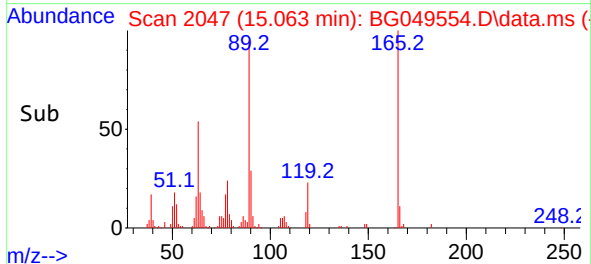
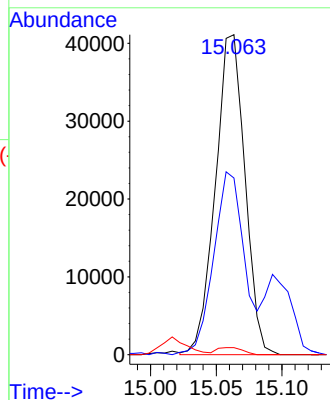
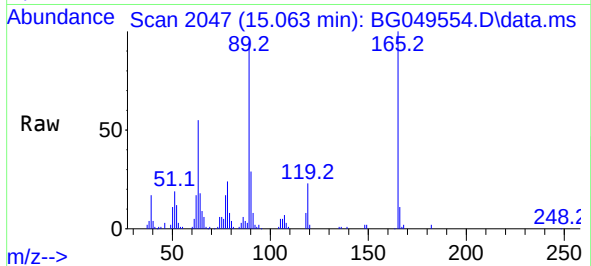
#57
2,4-Dinitrotoluene
Concen: 48.320 ng/ul
RT: 15.063 min Scan# 2047
Delta R.T. 0.012 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:165 Resp: 64342
Ion Ratio Lower Upper
165 100
63 55.2 48.2 72.4
182 2.2 1.4 2.2#

Instrument :
BNA_G
ClientSampled :
SLCS954

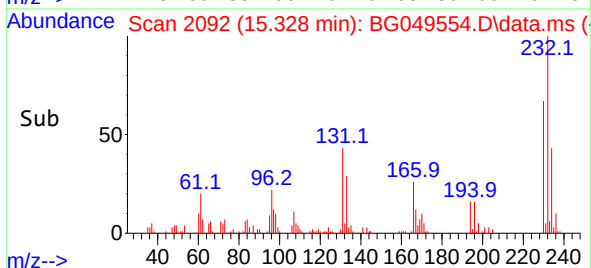
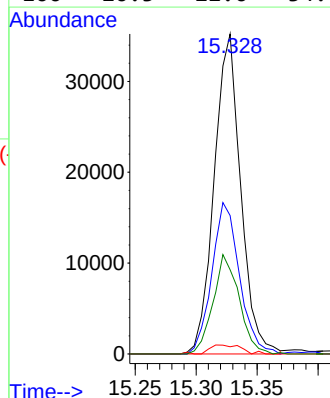
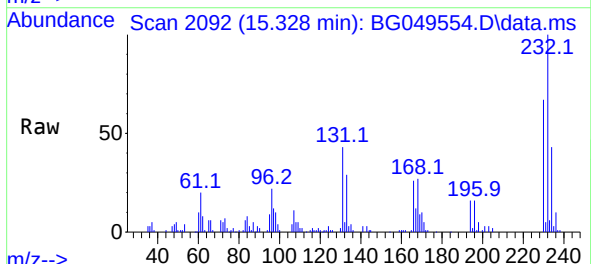
Manual Integrations
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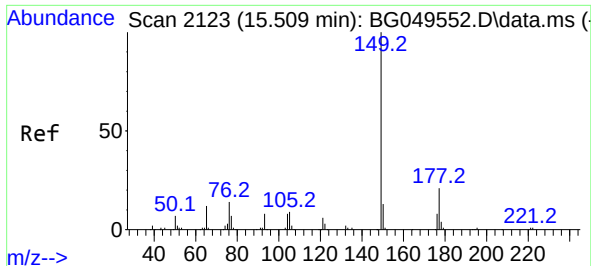
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#58
2,3,4,6-Tetrachlorophenol
Concen: 47.620 ng/ul
RT: 15.328 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:232 Resp: 53263
Ion Ratio Lower Upper
232 100
131 43.2 39.6 59.4
130 2.2 3.2 4.8#
166 26.3 22.6 34.0





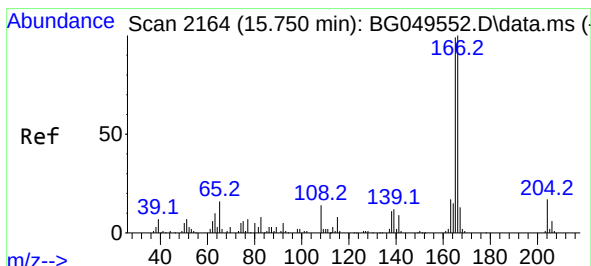
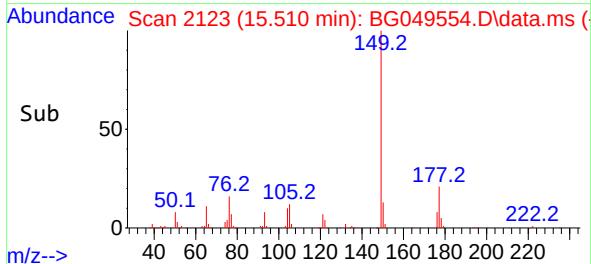
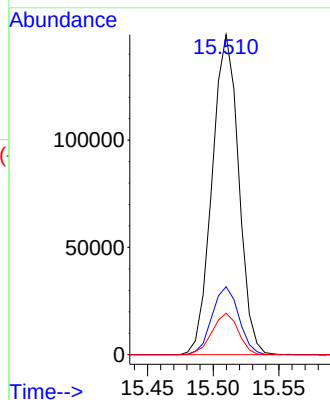
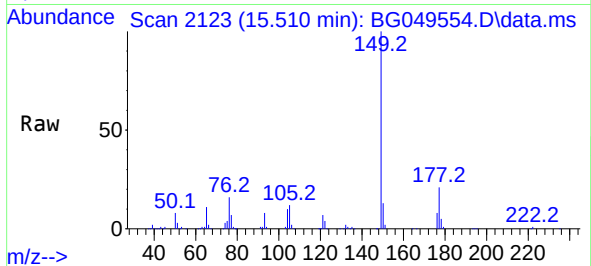
#59
Diethylphthalate
Concen: 43.059 ng/ul
RT: 15.510 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:	149	Resp:	209763
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.0	24.0
150	12.9	9.5	14.3

Instrument :
BNA_G
ClientSampleId :
SLCS954

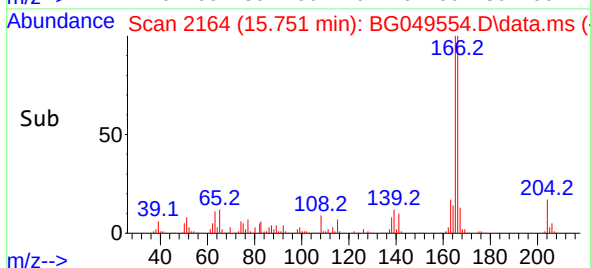
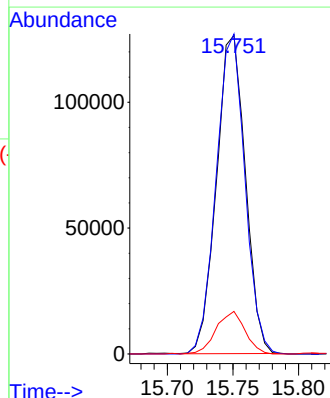
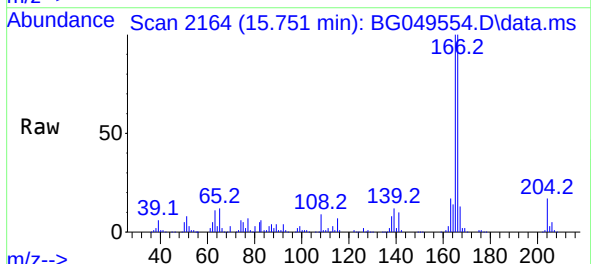
Manual Integrations
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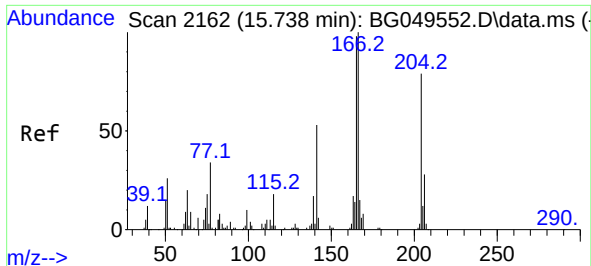
mohammad
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#61
Fluorene
Concen: 43.827 ng/ul
RT: 15.751 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

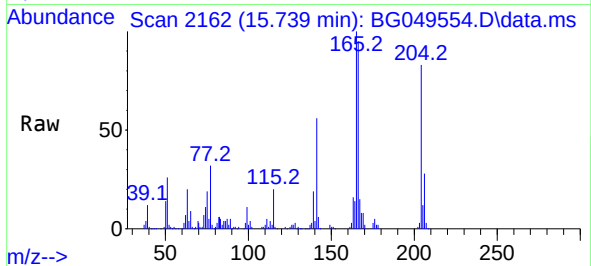
Tgt Ion:	166	Resp:	193447
Ion Ratio	Lower	Upper	
166	100		
165	100.5	81.8	122.8
167	13.4	11.0	16.4





#62
4-Chlorophenyl-phenylether
Concen: 44.781 ng/ul
RT: 15.739 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

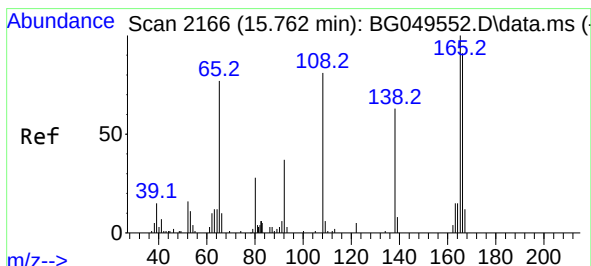
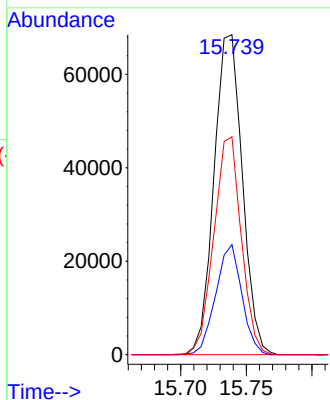
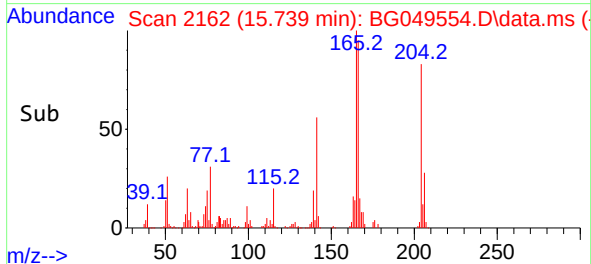
Instrument :
BNA_G
ClientSampled :
SLCS954



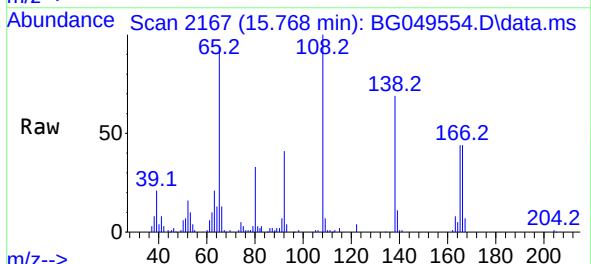
Tgt Ion:204 Resp: 102894
Ion Ratio Lower Upper
204 100
206 34.4 23.5 35.3
141 68.1 45.4 68.0#

Manual Integrations
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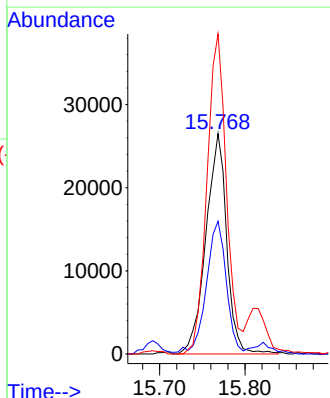
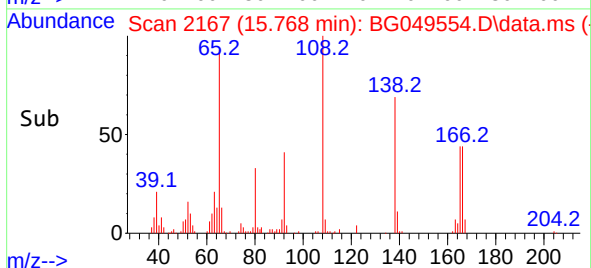
mohammad
7/30/2021 11:59:47 AM

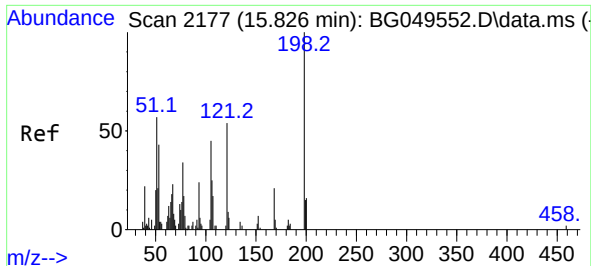


#63
4-Nitroaniline
Concen: 48.292 ng/ul
RT: 15.768 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion:138 Resp: 44867
Ion Ratio Lower Upper
138 100
92 60.2 49.8 74.8
108 145.3 105.4 158.2





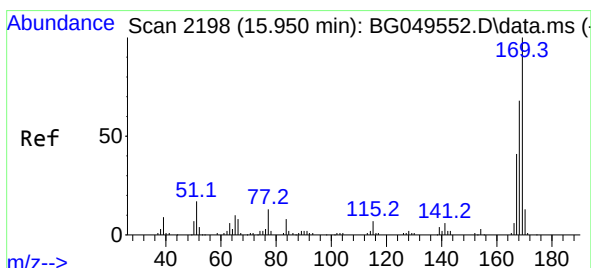
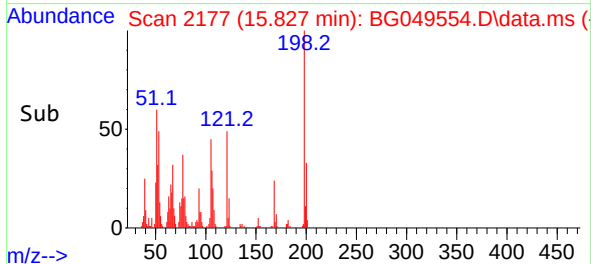
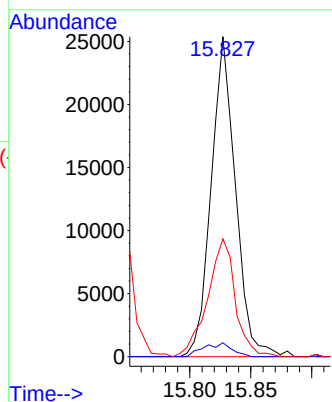
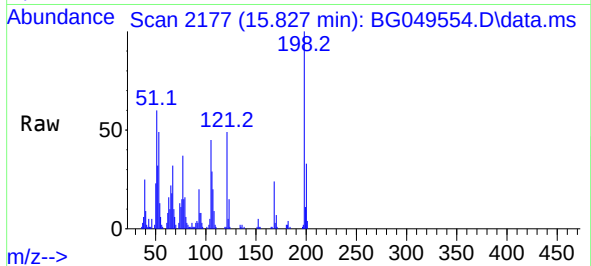
#66
4,6-Dinitro-2-methylphenol
Concen: 43.420 ng/ul
RT: 15.827 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Instrument :
BNA_G
ClientSampled :
SLCS954

Tgt Ion:198 Resp: 35151
Ion Ratio Lower Upper
198 100
182 4.4 4.2 6.4
77 36.8 20.8 31.2#

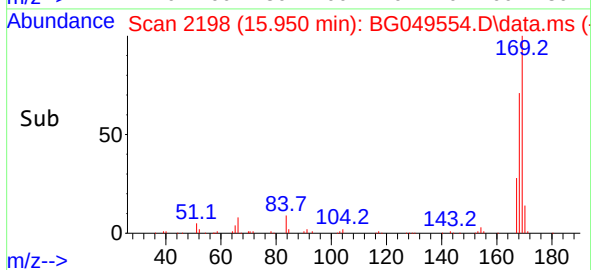
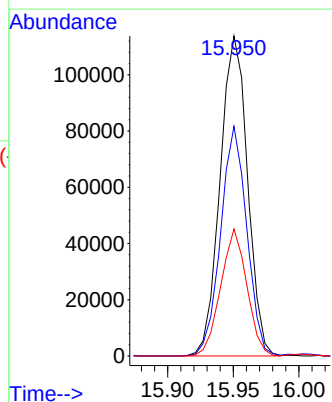
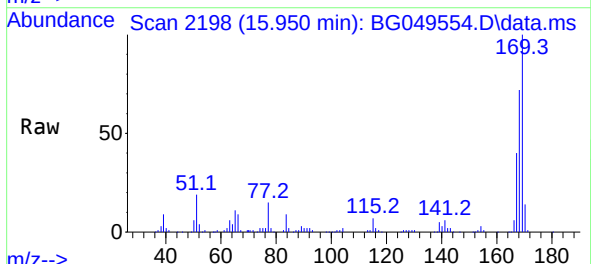
Manual Integrations
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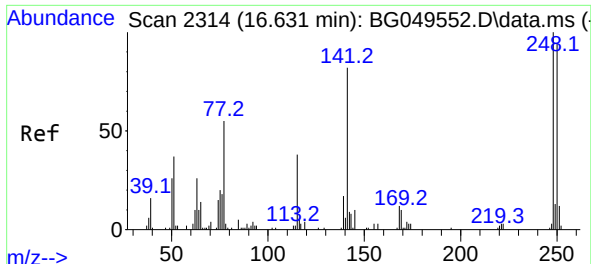
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#67
N-Nitrosodiphenylamine
Concen: 44.516 ng/ul
RT: 15.950 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

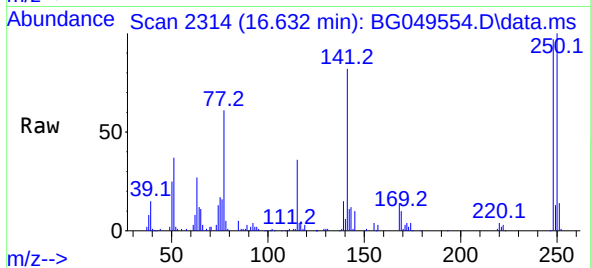
Tgt Ion:169 Resp: 165570
Ion Ratio Lower Upper
169 100
168 71.7 57.3 85.9
167 39.7 29.7 44.5





#68
4-Bromophenyl-phenylether
Concen: 43.525 ng/ul
RT: 16.632 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

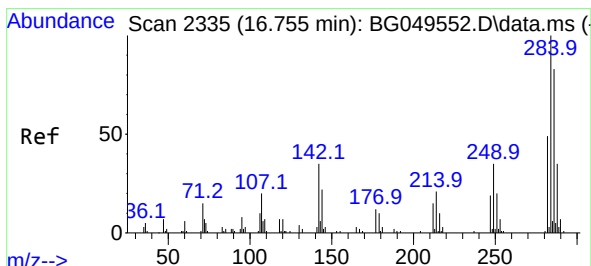
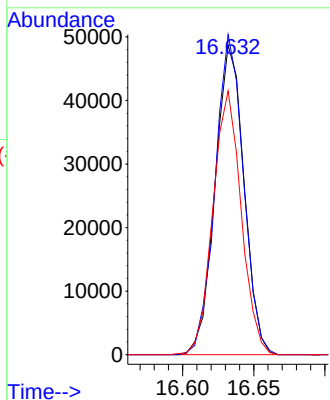
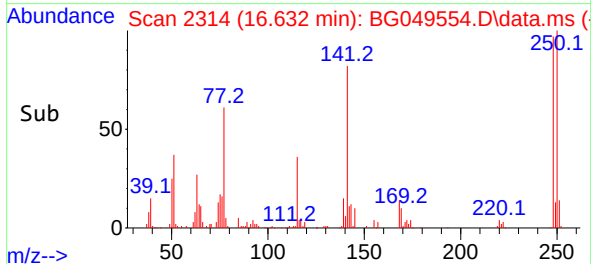
Instrument :
BNA_G
ClientSampled :
SLCS954



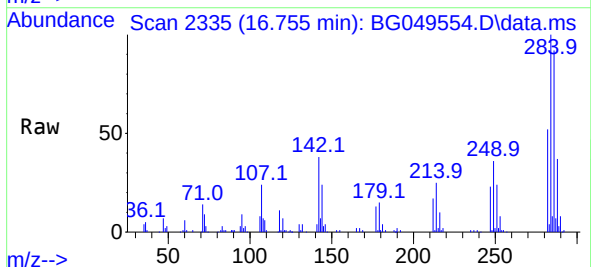
Tgt Ion:248 Resp: 68780
Ion Ratio Lower Upper
248 100
250 103.4 78.1 117.1
141 85.2 72.6 109.0

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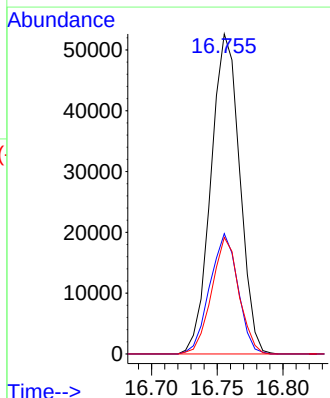
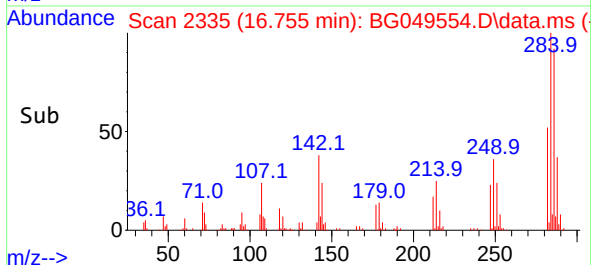
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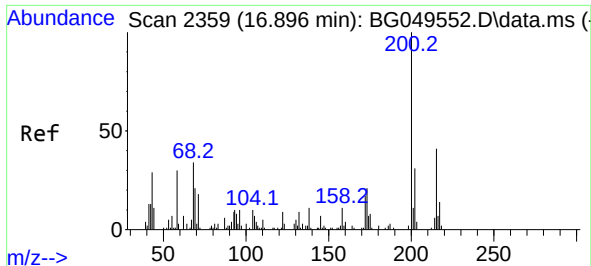


#69
Hexachlorobenzene
Concen: 44.891 ng/ul
RT: 16.755 min Scan# 2335
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion:284 Resp: 80262
Ion Ratio Lower Upper
284 100
142 37.6 30.9 46.3
249 36.4 25.5 38.3





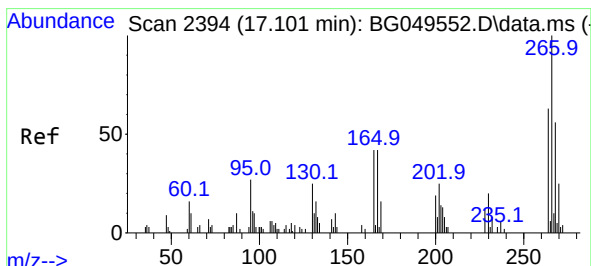
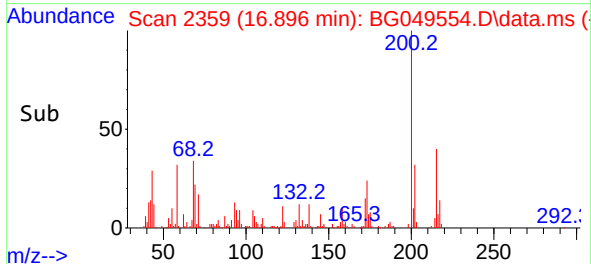
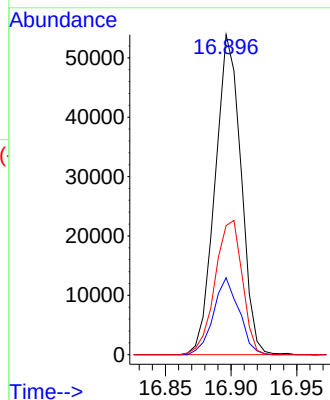
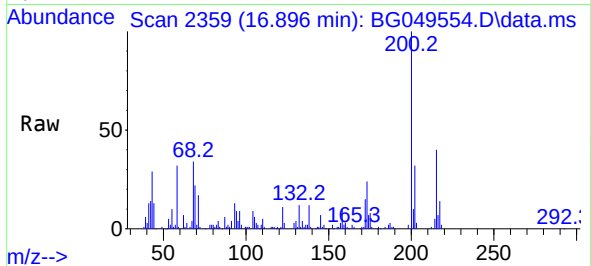
#70
Atrazine
Concen: 43.555 ng/ul
RT: 16.896 min Scan# 2359
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:	200	Resp:	73987
Ion Ratio	Lower	Upper	
200	100		
173	24.0	17.6	26.4
215	40.3	33.5	50.3

Instrument :
BNA_G
ClientSampled :
SLCS954

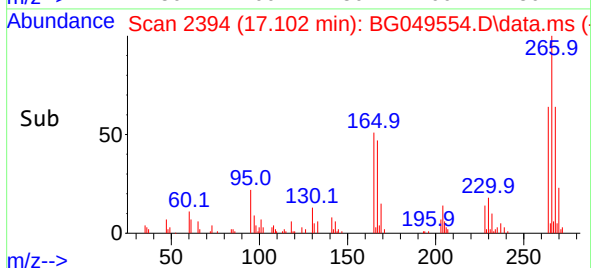
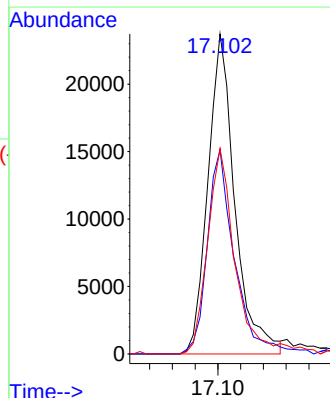
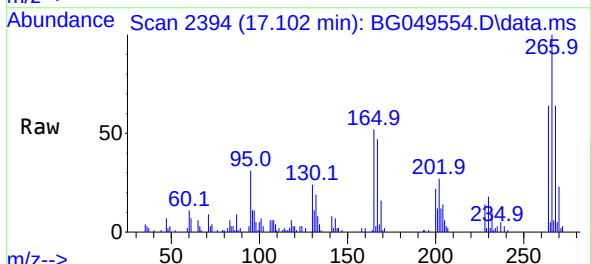
Manual Integrations
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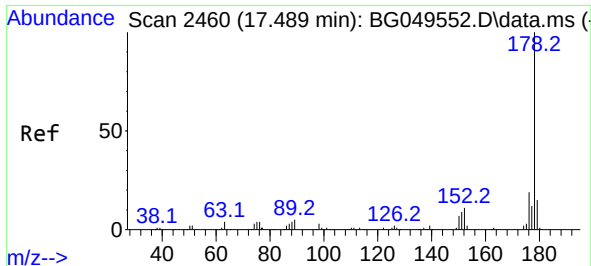
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#71
Pentachlorophenol
Concen: 47.133 ng/ul
RT: 17.102 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

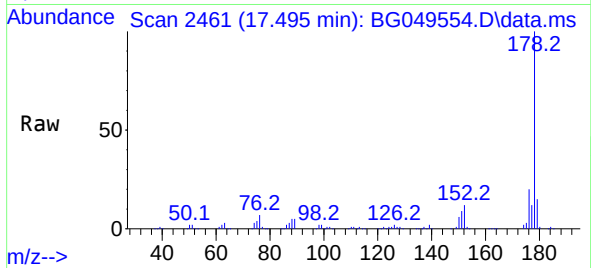
Tgt Ion:	266	Resp:	39019
Ion Ratio	Lower	Upper	
266	100		
264	63.8	43.8	65.6
268	64.2	46.2	69.4





#72
Phenanthrene
Concen: 43.425 ng/ul
RT: 17.495 min Scan# 2461
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

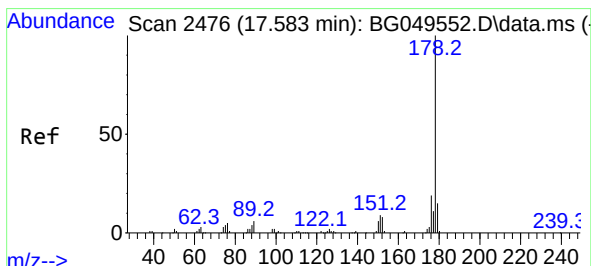
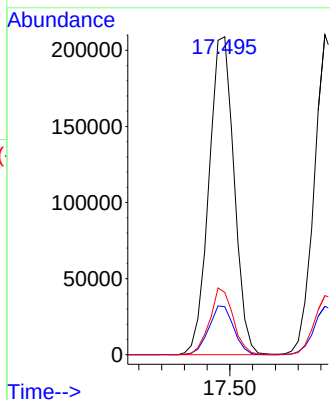
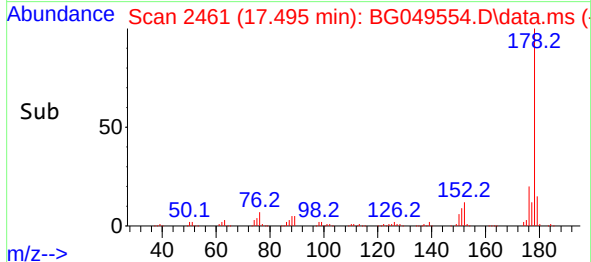
Instrument :
BNA_G
ClientSampled :
SLCS954



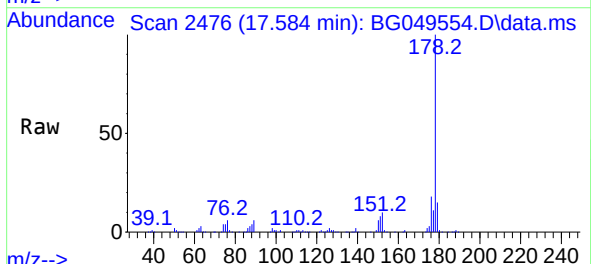
Tgt Ion:178 Resp: 320839
Ion Ratio Lower Upper
178 100
179 15.1 13.2 19.8
176 19.6 15.0 22.6

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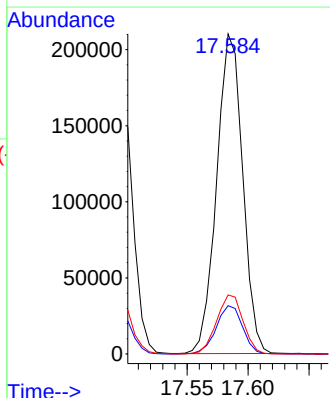
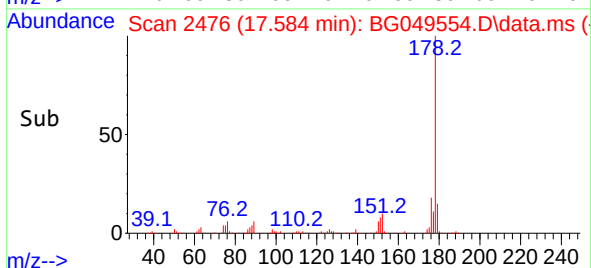
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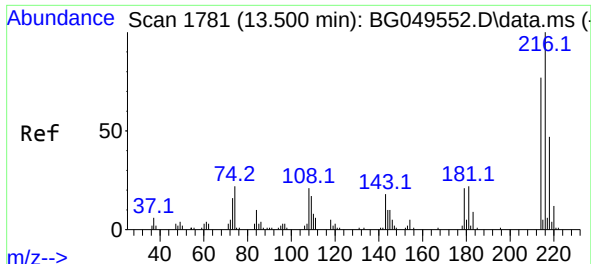


#74
Anthracene
Concen: 41.614 ng/ul
RT: 17.584 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

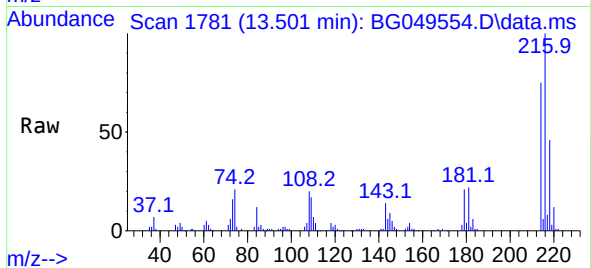


Tgt Ion:178 Resp: 311561
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 18.5 15.6 23.4

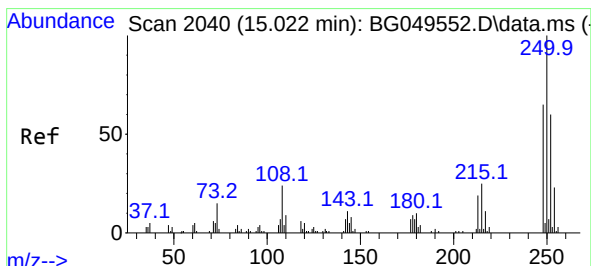
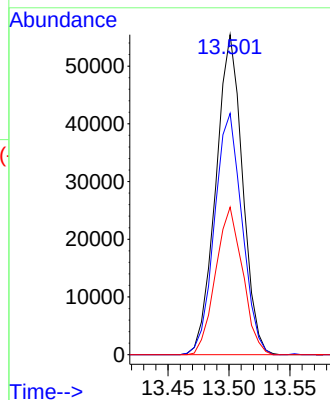
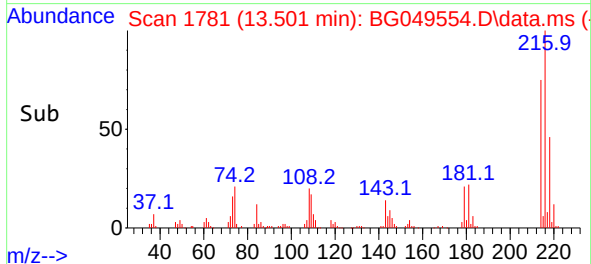




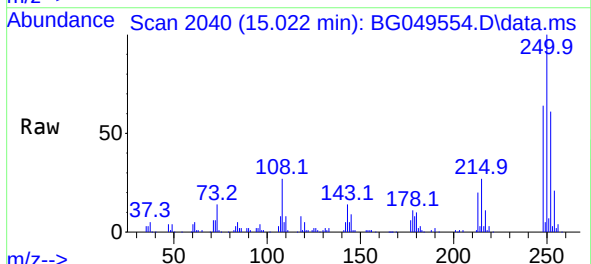
#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.845 ng/uL
RT: 13.501 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



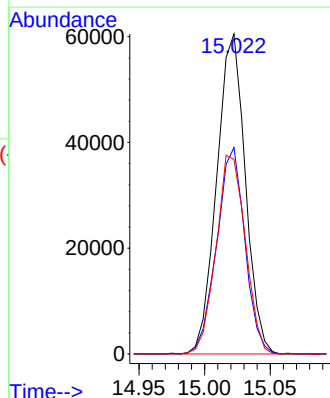
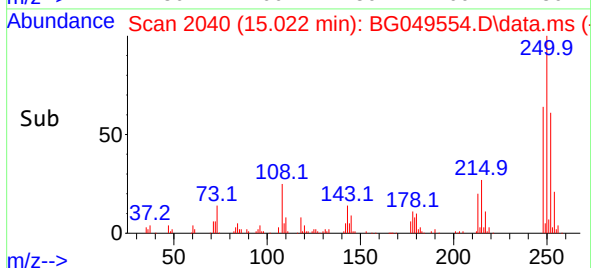
Tgt Ion:216 Resp: 84554
Ion Ratio Lower Upper
216 100
214 75.4 60.7 91.1
218 46.1 40.2 60.4



#76
Pentachlorobenzene
Concen: 44.918 ng/uL
RT: 15.022 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



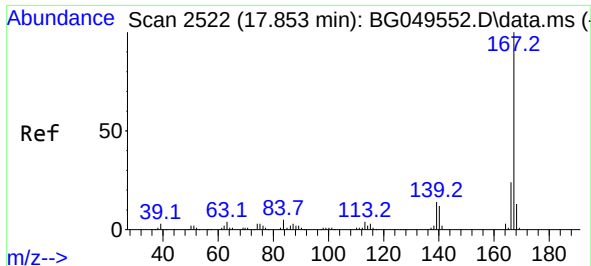
Tgt Ion:250 Resp: 91650
Ion Ratio Lower Upper
250 100
248 64.5 48.3 72.5
252 60.8 52.6 78.8



Instrument :
BNA_G
ClientSampled :
SLCS954

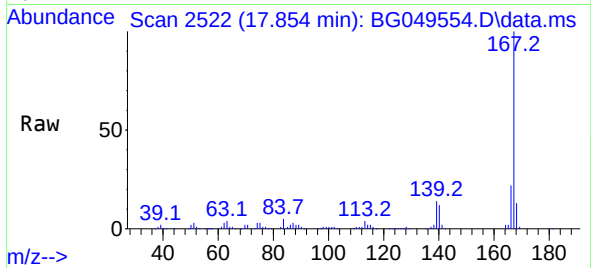
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#77
 Carbazole
 Concen: 42.690 ng/ul
 RT: 17.854 min Scan# 2522
 Delta R.T. 0.006 min
 Lab File: BG049554.D
 Acq: 29 Jul 2021 11:08

Instrument :
 BNA_G
 ClientSampled :
 SLCS954

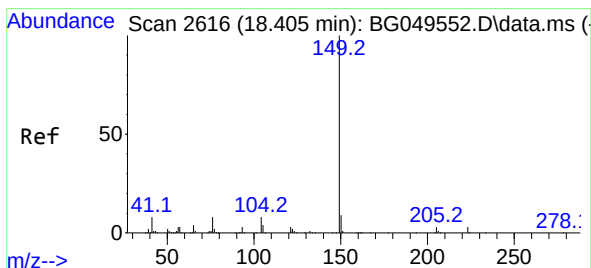
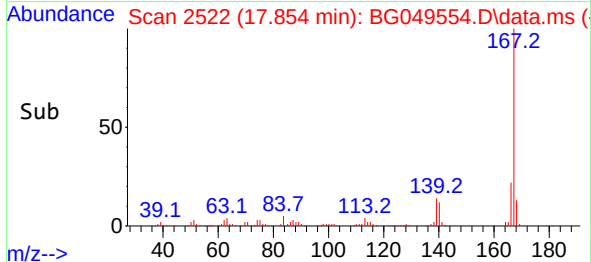
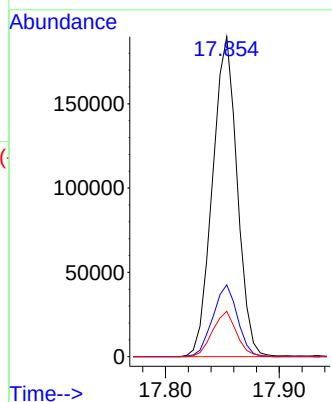


Tgt Ion:167 Resp: 285750

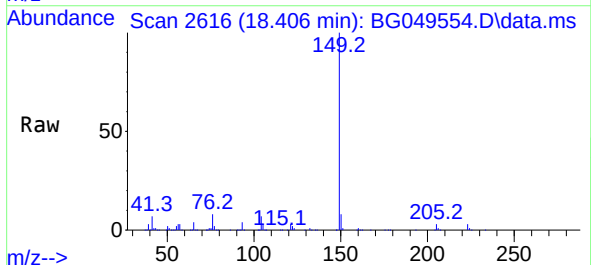
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	14.2	11.4	17.2

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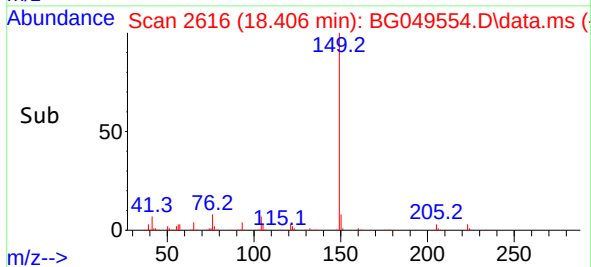
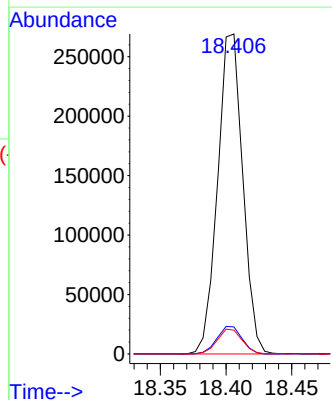


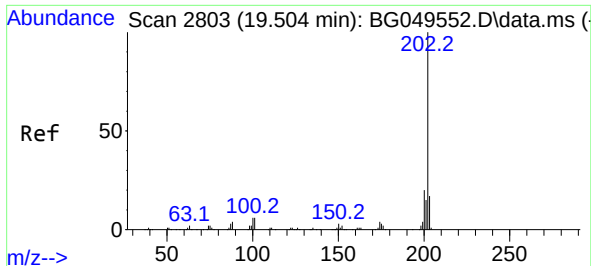
#78
 Di-n-butylphthalate
 Concen: 43.027 ng/ul
 RT: 18.406 min Scan# 2616
 Delta R.T. 0.006 min
 Lab File: BG049554.D
 Acq: 29 Jul 2021 11:08



Tgt Ion:149 Resp: 358146

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.5	11.3
104	7.5	5.6	8.4





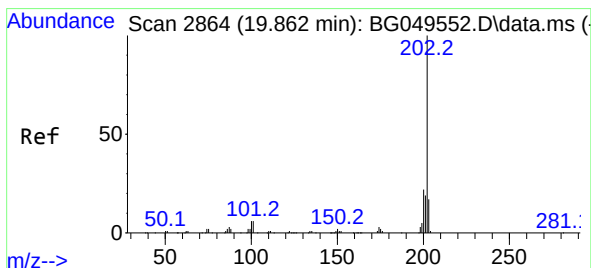
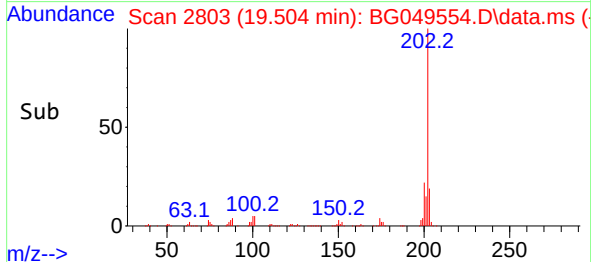
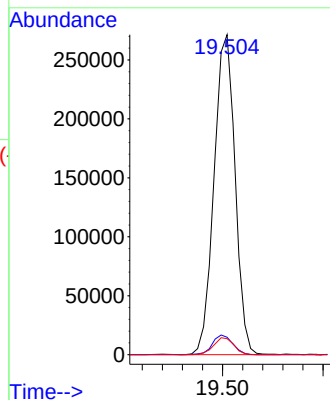
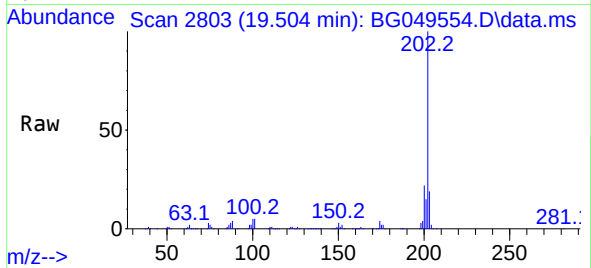
#80
Fluoranthene
Concen: 48.020 ng/u1
RT: 19.504 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:202 Resp: 393760
Ion Ratio Lower Upper
202 100
101 5.5 4.3 6.5
100 5.0 3.8 5.6

Instrument :
BNA_G
ClientSampleId :
SLCS954

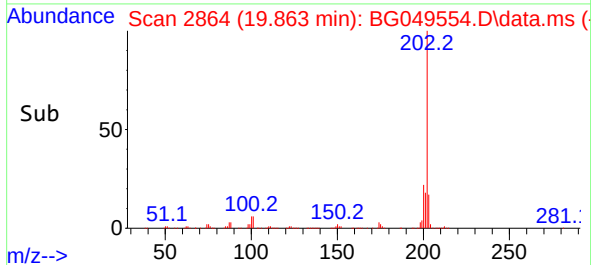
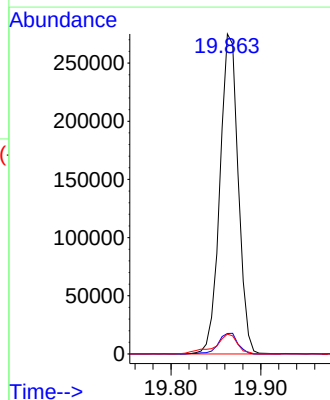
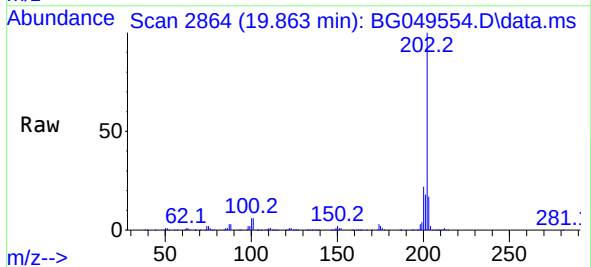
Manual Integrations
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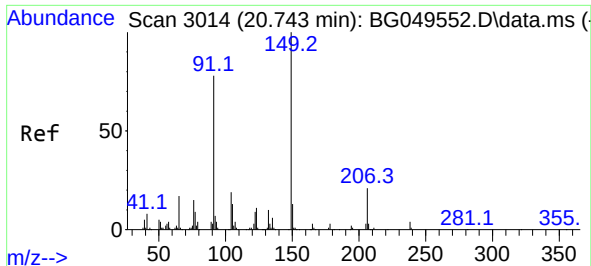
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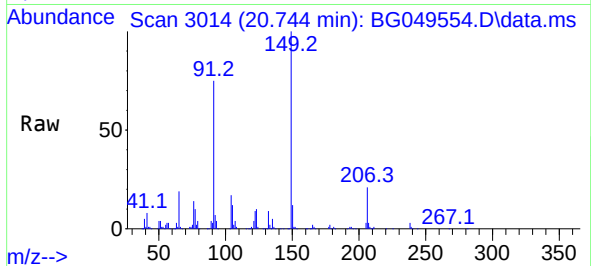
#82
Pyrene
Concen: 47.815 ng/u1
RT: 19.863 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:202 Resp: 389274
Ion Ratio Lower Upper
202 100
101 6.4 5.3 7.9
100 6.2 4.7 7.1

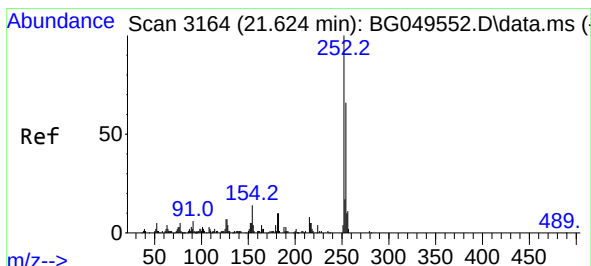
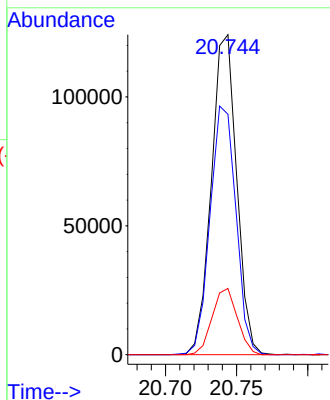
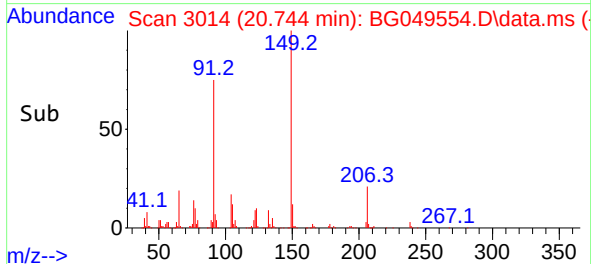




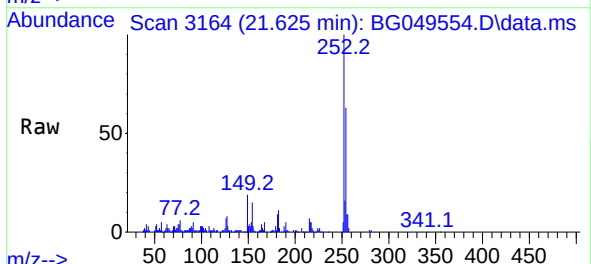
#83
Butylbenzylphthalate
Concen: 48.515 ng/ul
RT: 20.744 min Scan# 3014
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



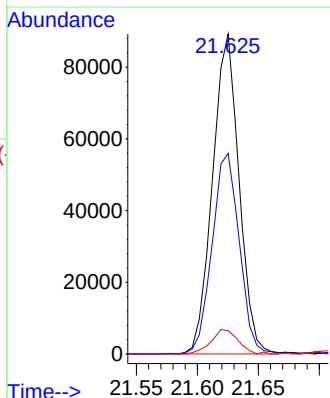
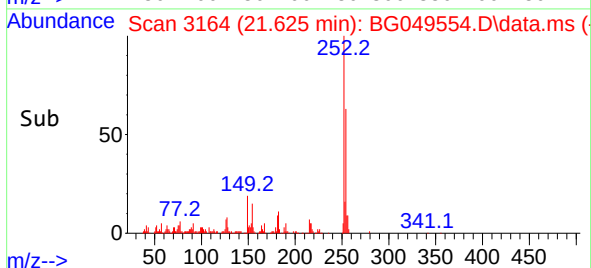
Tgt Ion:149 Resp: 153775
Ion Ratio Lower Upper
149 100
91 75.1 67.7 101.5
206 20.7 16.7 25.1



#84
3,3'-Dichlorobenzidine
Concen: 44.473 ng/ul
RT: 21.625 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



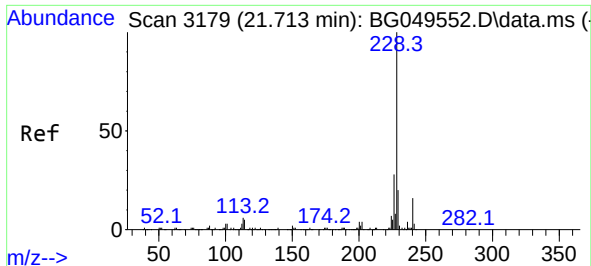
Tgt Ion:252 Resp: 134959
Ion Ratio Lower Upper
252 100
254 62.7 50.2 75.4
126 7.2 5.8 8.6



Instrument :
BNA_G
ClientSampled :
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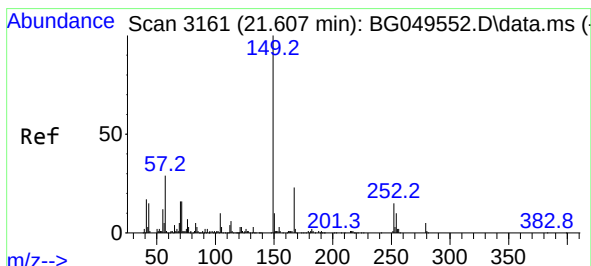
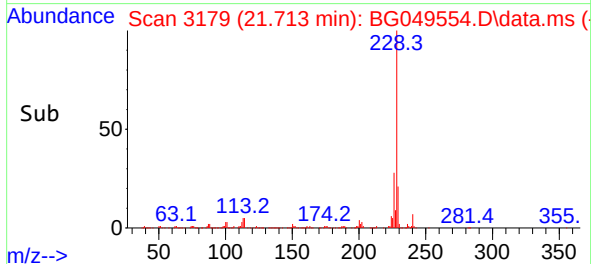
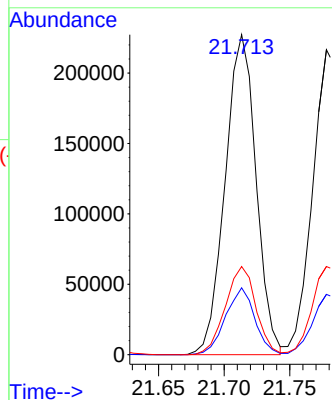
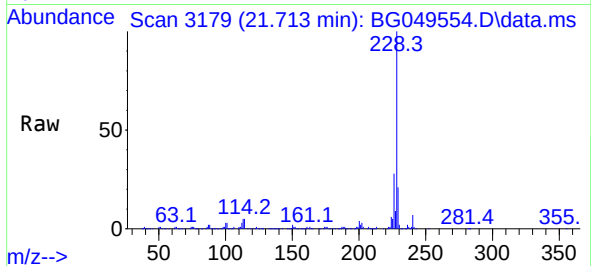
#85
Benzo(a)anthracene
Concen: 46.107 ng/ul
RT: 21.713 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:228 Resp: 372302
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.2
226 27.5 21.1 31.7

Instrument :
BNA_G
ClientSampled :
SLCS954

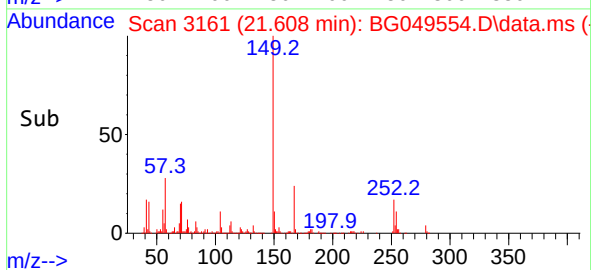
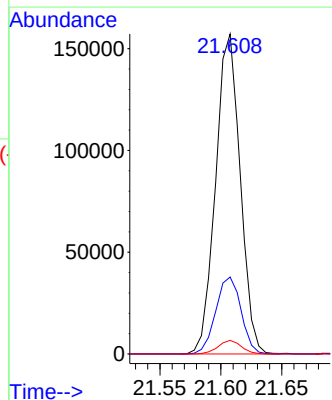
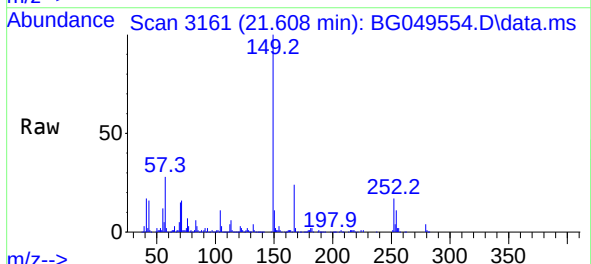
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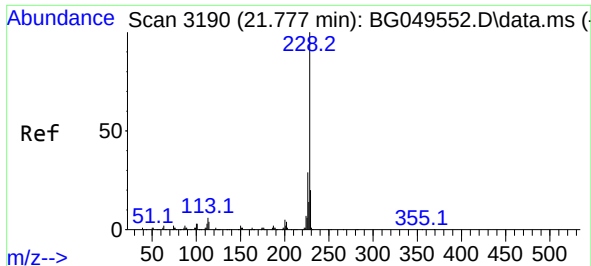
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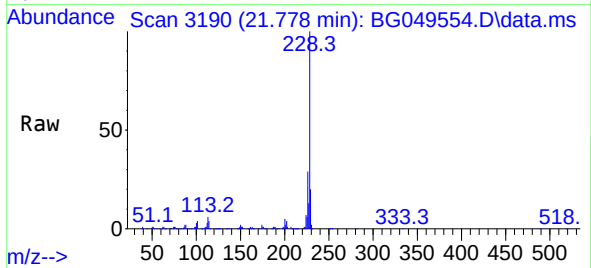
#86
Bis(2-ethylhexyl)phthalate
Concen: 46.907 ng/ul
RT: 21.608 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

Tgt Ion:149 Resp: 220648
Ion Ratio Lower Upper
149 100
167 24.0 20.9 31.3
279 4.2 3.6 5.4

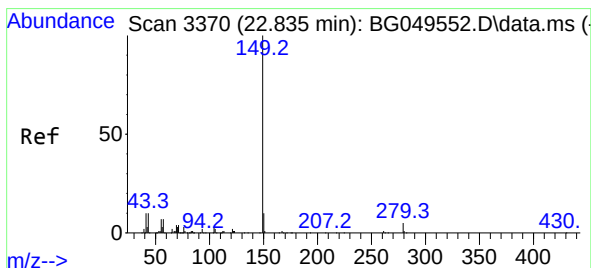
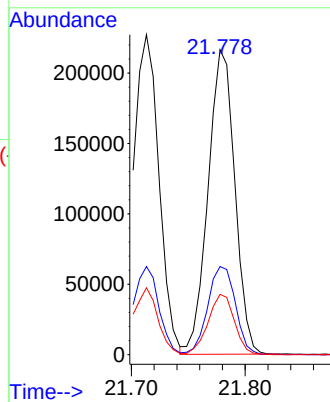
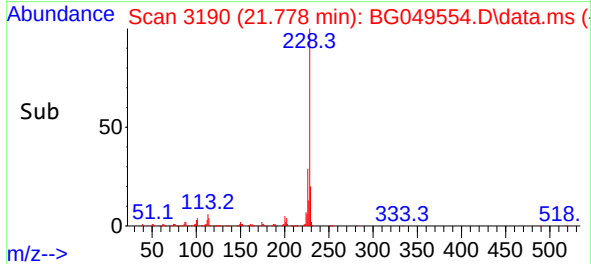




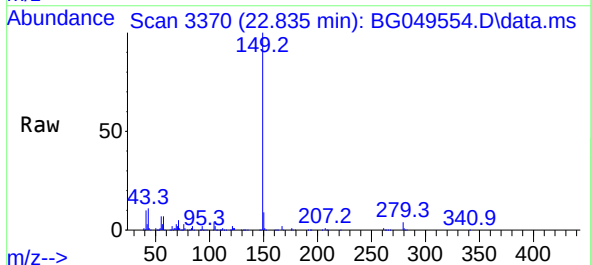
#87
Chrysene
Concen: 45.783 ng/u1
RT: 21.778 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



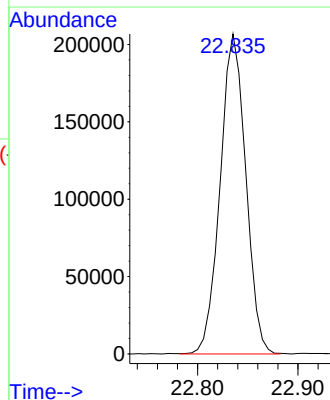
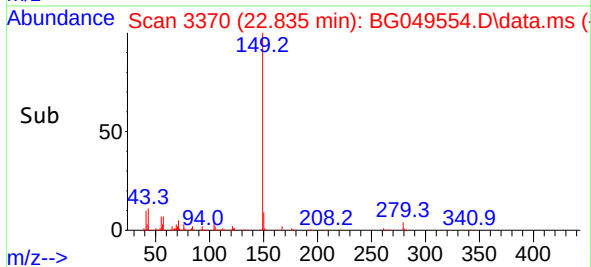
Tgt Ion:228 Resp: 353840
Ion Ratio Lower Upper
228 100
226 28.9 24.6 37.0
229 19.8 14.9 22.3



#89
Di-n-octyl phthalate
Concen: 45.938 ng/u1
RT: 22.835 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



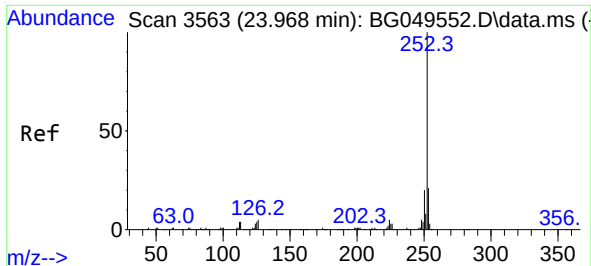
Tgt Ion:149 Resp: 365884



Instrument :
BNA_G
ClientSampleId :
SLCS954

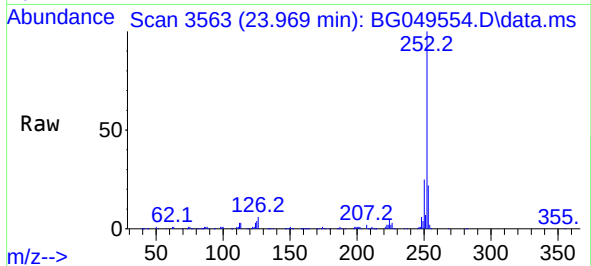
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#90
Benzo(b)fluoranthene
Concen: 47.612 ng/ul m
RT: 23.969 min Scan# 3563
Delta R.T. 0.012 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

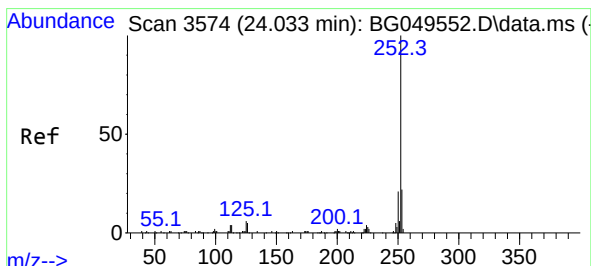
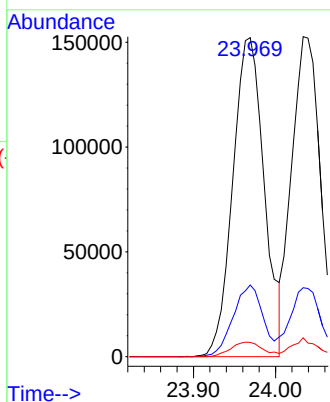
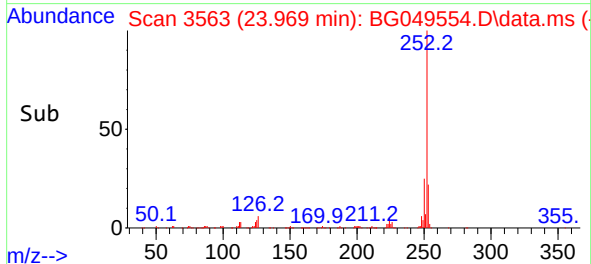
Instrument :
BNA_G
ClientSampleId :
SLCS954



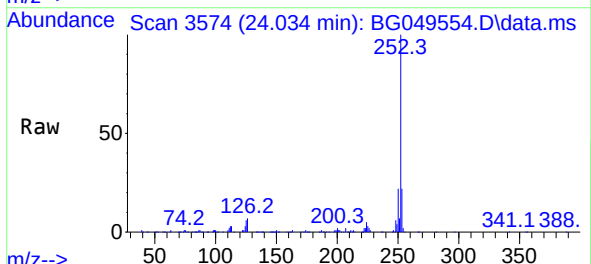
Tgt Ion:252 Resp: 404348
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 4.5 4.5 6.7#

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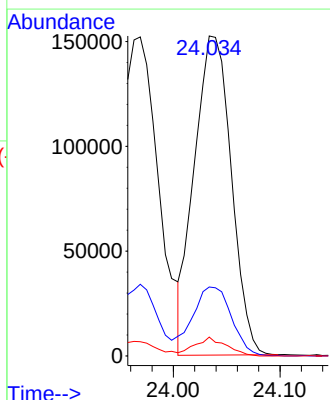
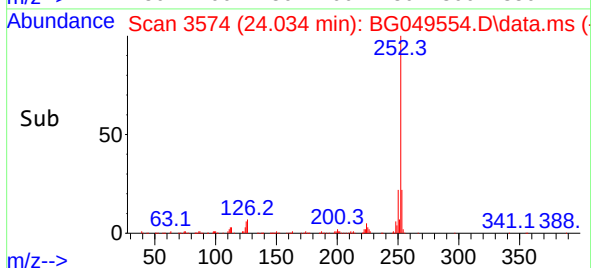
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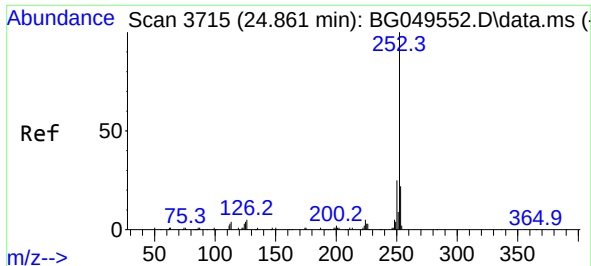


#91
Benzo(k)fluoranthene
Concen: 44.144 ng/ul
RT: 24.034 min Scan# 3574
Delta R.T. 0.012 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

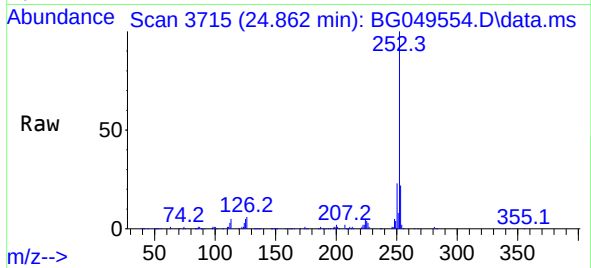


Tgt Ion:252 Resp: 366903
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 5.9 4.6 7.0

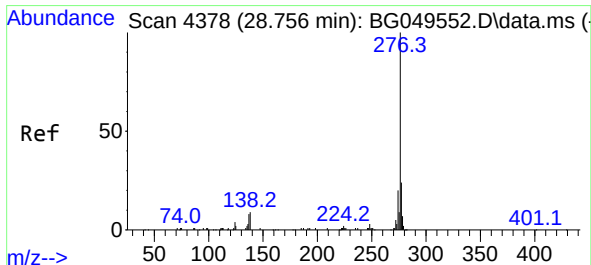
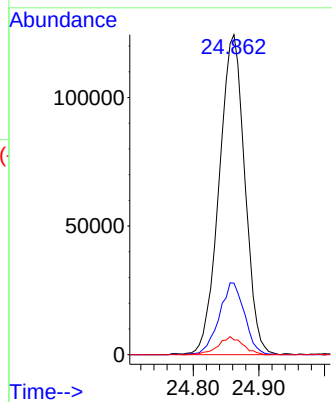
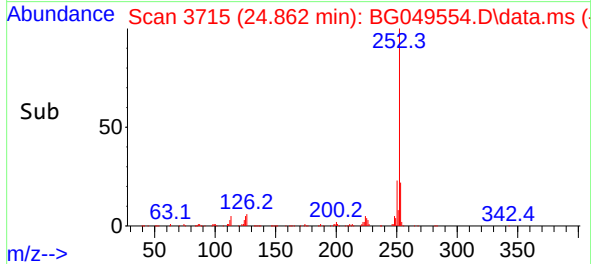




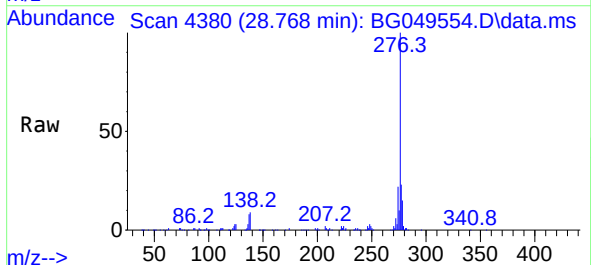
#93
Benzo(a)pyrene
Concen: 45.865 ng/u1
RT: 24.862 min Scan# 3715
Delta R.T. 0.024 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



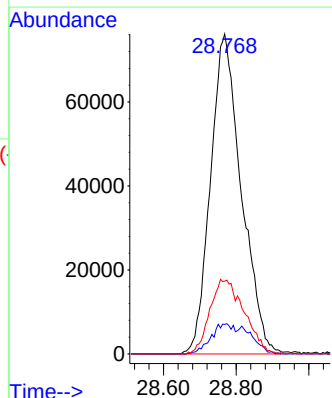
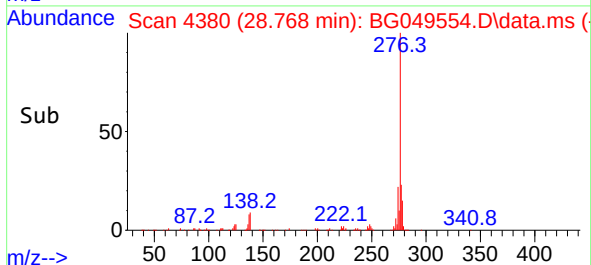
Tgt Ion:252 Resp: 337915
Ion Ratio Lower Upper
252 100
253 22.4 16.4 24.6
125 4.6 4.6 6.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 47.733 ng/u1
RT: 28.768 min Scan# 4380
Delta R.T. 0.029 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



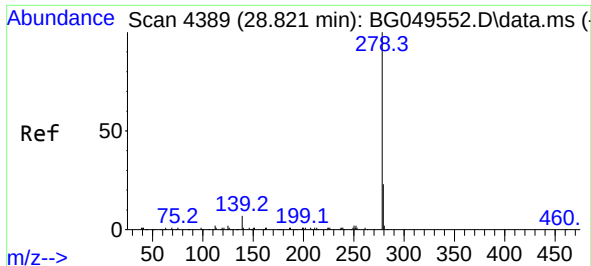
Tgt Ion:276 Resp: 448727
Ion Ratio Lower Upper
276 100
138 9.3 7.3 10.9
277 22.7 19.2 28.8



Instrument :
BNA_G
ClientSampled :
SLCS954

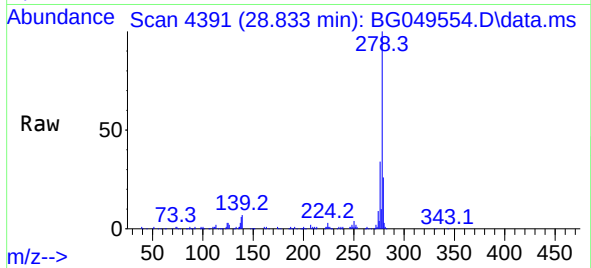
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#95
Dibenzo(a,h)anthracene
Concen: 47.991 ng/ul
RT: 28.833 min Scan# 4391
Delta R.T. 0.035 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08

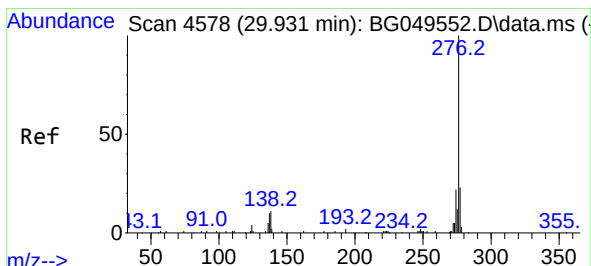
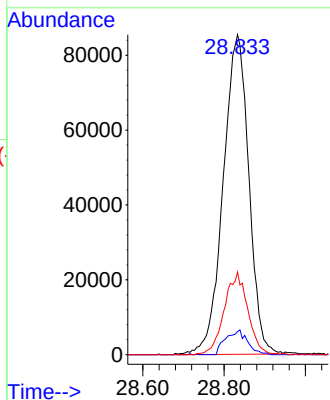
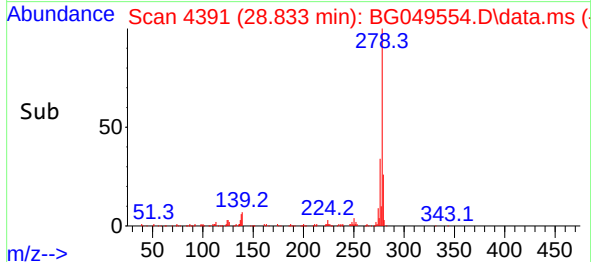
Instrument :
BNA_G
ClientSampled :
SLCS954



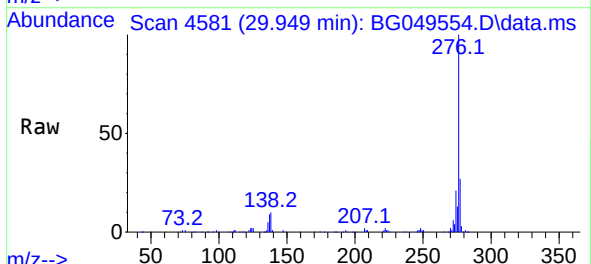
Tgt Ion:278 Resp: 373337
Ion Ratio Lower Upper
278 100
139 7.3 6.8 10.2
279 25.8 19.7 29.5

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#96
Benzo(g,h,i)perylene
Concen: 47.497 ng/ul m
RT: 29.949 min Scan# 4581
Delta R.T. 0.047 min
Lab File: BG049554.D
Acq: 29 Jul 2021 11:08



Tgt Ion:276 Resp: 371226
Ion Ratio Lower Upper
276 100
138 9.9 10.8 16.2#
277 26.7 20.6 31.0

