

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049511.D
 Acq On : 27 Jul 2021 17:17
 Operator : CG/JU
 Sample : PB137903BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS903

Manual Integrations
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 7/28/2021 11:29:47 AM

Quant Time: Jul 27 18:02:07 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	22604	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	93117	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	70355	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	147722	20.000	ng/u1	0.00
79) Chrysene-d12	21.730	240	134818	20.000	ng/u1	0.00
88) Perylene-d12	25.008	264	138112	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2991	6.054	ng/uL	0.00
4) Pyridine-d5	3.854	84	43708	30.800	ng/u1	0.00
7) Phenol-d5	7.203	99	72380	36.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	38710	34.176	ng/u1	0.00
11) 2-Chlorophenol-d4	7.579	132	53145	37.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.759	113	57031	37.833	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	26878	37.543	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	32440	38.668	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	59602	39.063	ng/u1	0.00
31) 4-Chloroaniline-d4	11.003	131	71828	33.778	ng/u1	0.00
46) Dimethylphthalate-d6	14.099	166	194663	36.120	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	231989	37.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	32239	36.325	ng/u1	0.01
60) Fluorene-d10	15.691	176	166601	35.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	32205	35.182	ng/u1	0.00
73) Anthracene-d10	17.547	188	260312	37.915	ng/u1	0.00
81) Pyrene-d10	19.833	212	298402	43.286	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.785	264	284036	39.129	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.467	88	6937	10.272	ng/uL	90
5) Pyridine	3.872	79	52601	34.652	ng/u1	97
6) Benzaldehyde	7.179	77	53250	44.622	ng/u1	94
8) Phenol	7.232	94	76967	39.397	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.461	93	49760	36.971	ng/u1	92
12) 2-Chlorophenol	7.608	128	55595	40.282	ng/u1	98
13) 2-Methylphenol	8.495	108	59433	39.915	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.571	45	56499	35.821	ng/u1	96
16) Acetophenone	8.877	105	94131	38.798	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.859	70	50031	39.990	ng/u1#	94
18) 4-Methylphenol	8.824	108	65131	41.579	ng/u1	94
19) Hexachloroethane	9.141	117	24280	39.051	ng/u1	85
22) Nitrobenzene	9.265	77	84565	39.561	ng/u1	98
23) Isophorone	9.787	82	142430	39.764	ng/u1	98
25) 2-Nitrophenol	9.975	139	31748	40.212	ng/u1#	75
26) 2,4-Dimethylphenol	10.034	107	75832	40.301	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.269	93	67697	37.894	ng/u1	94
29) 2,4-Dichlorophenol	10.516	162	60449	40.527	ng/u1	94
30) Naphthalene	10.921	128	186729	38.931	ng/u1	98
32) 4-Chloroaniline	11.027	127	73441	36.307	ng/u1#	85
33) Hexachlorobutadiene	11.203	225	44942	39.411	ng/u1	94
34) Caprolactam	11.796	113	20507m	40.425	ng/u1	
35) 4-Chloro-3-methylphenol	12.149	107	74052	44.125	ng/u1	95
36) 2-Methylnaphthalene	12.531	142	143781	40.957	ng/u1	97

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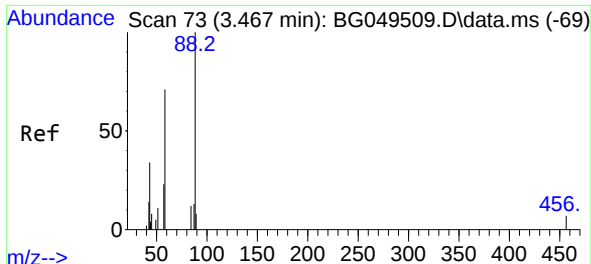
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37) 1-Methylnaphthalene	12.748	142	141417	39.866	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.895	216	79254	37.901	ng/ul	97
40) Hexachlorocyclopentadiene	12.871	237	30409	24.135	ng/ul	93
41) 2,4,6-Trichlorophenol	13.136	196	51803	40.313	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.206	196	56806	41.394	ng/ul	90
43) 1,1'-Biphenyl	13.529	154	190313	37.986	ng/ul	99
44) 2-Chloronaphthalene	13.576	162	145070	37.211	ng/ul	95
45) 2-Nitroaniline	13.776	65	56963	41.172	ng/ul	95
47) Dimethylphthalate	14.146	163	194597	37.130	ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	42842	40.960	ng/ul#	92
50) Acenaphthylene	14.422	152	228726	38.263	ng/ul	95
51) 3-Nitroaniline	14.599	138	39330	37.702	ng/ul	93
52) Acenaphthene	14.763	153	160833	37.513	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	20472	39.285	ng/ul#	82
55) 4-Nitrophenol	14.916	109	46205	38.394	ng/ul	96
56) Dibenzofuran	15.098	168	224337	38.751	ng/ul	100
57) 2,4-Dinitrotoluene	15.063	165	60596	40.871	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	51183	41.099	ng/ul	95
59) Diethylphthalate	15.509	149	205558	37.897	ng/ul	98
61) Fluorene	15.750	166	191067	38.878	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.738	204	100801	39.401	ng/ul	94
63) 4-Nitroaniline	15.768	138	42589	41.170	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.826	198	32307	38.340	ng/ul#	84
67) N-Nitrosodiphenylamine	15.950	169	163291	42.179	ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	68351	41.555	ng/ul	95
69) Hexachlorobenzene	16.754	284	75881	40.774	ng/ul	95
70) Atrazine	16.901	200	71068	40.193	ng/ul	97
71) Pentachlorophenol	17.101	266	38105	44.221	ng/ul	94
72) Phenanthrene	17.495	178	308637	40.133	ng/ul	99
74) Anthracene	17.583	178	299620	38.447	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	82256	40.978	ng/ul	98
76) Pentachlorobenzene	15.021	250	90137	42.441	ng/ul	97
77) Carbazole	17.853	167	266928	38.312	ng/ul	99
78) Di-n-butylphthalate	18.405	149	334448	38.602	ng/ul	97
80) Fluoranthene	19.504	202	368613	44.037	ng/ul	99
82) Pyrene	19.862	202	361593	43.510	ng/ul	99
83) Butylbenzylphthalate	20.743	149	142303	43.981	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.624	252	120359	38.854	ng/ul	98
85) Benzo(a)anthracene	21.712	228	338147	41.024	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	201345	41.931	ng/ul	97
87) Chrysene	21.777	228	321076	40.697	ng/ul	97
89) Di-n-octyl phthalate	22.834	149	335363	41.309	ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	361528	41.764	ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	344910	40.712	ng/ul#	98
93) Benzo(a)pyrene	24.861	252	313052	41.686	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.762	276	411835	42.979	ng/ul	99
95) Dibenzo(a,h)anthracene	28.826	278	339517	42.817	ng/ul	99
96) Benzo(g,h,i)perylene	29.931	276	339770	42.649	ng/ul#	94

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



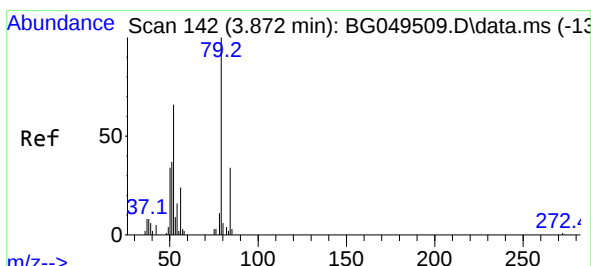
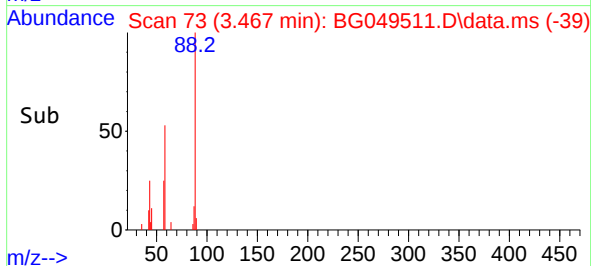
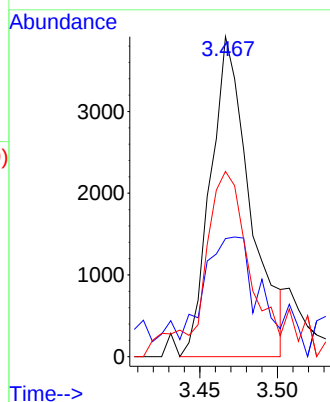
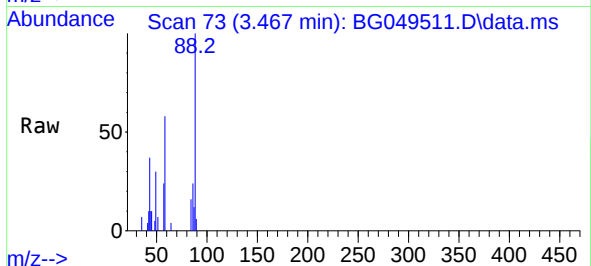
#2
1,4-Dioxane
Concen: 10.272 ng/uL
RT: 3.467 min Scan# 73
Delta R.T. -0.000 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:	88	Resp:	6937
Ion	Ratio	Lower	Upper
88	100		
43	36.9	29.5	44.3
58	57.9	56.8	85.2

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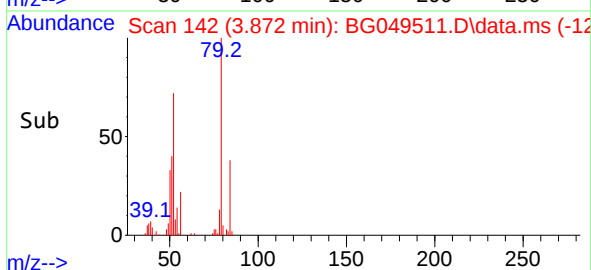
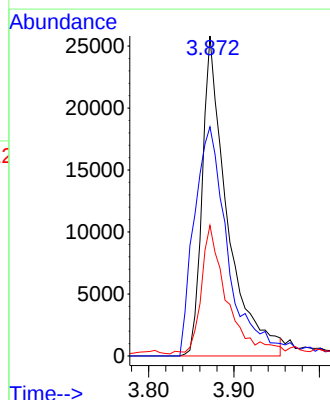
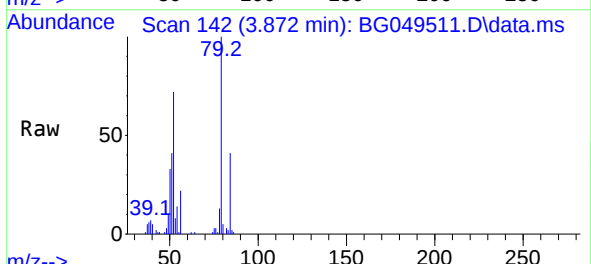
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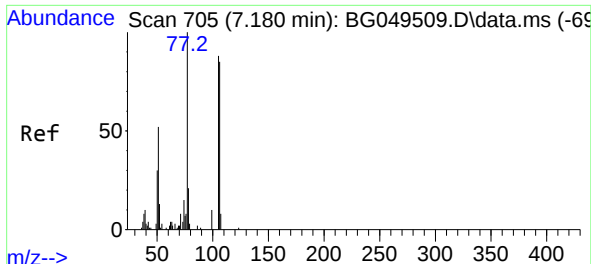
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#5
Pyridine
Concen: 34.652 ng/uL
RT: 3.872 min Scan# 142
Delta R.T. -0.007 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:	79	Resp:	52601
Ion	Ratio	Lower	Upper
79	100		
52	71.6	57.4	86.2
51	40.8	28.9	43.3





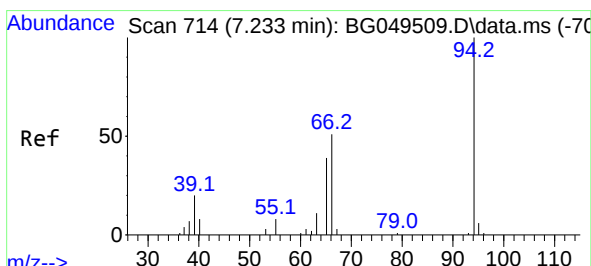
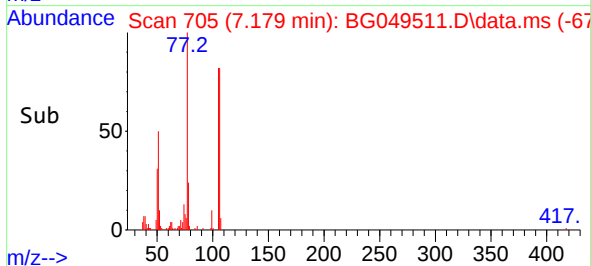
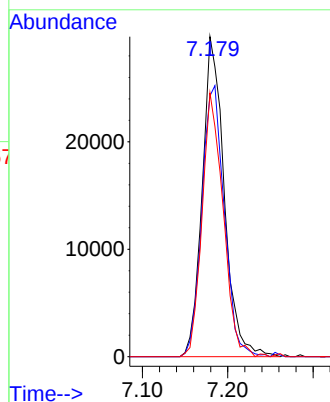
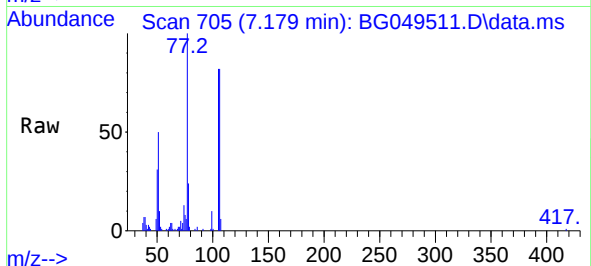
#6
Benzaldehyde
Concen: 44.622 ng/ul
RT: 7.179 min Scan# 705
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion: 77	Resp: 53250
Ion Ratio	Lower Upper
77 100	
105 81.5	70.0 105.0
106 82.4	70.1 105.1

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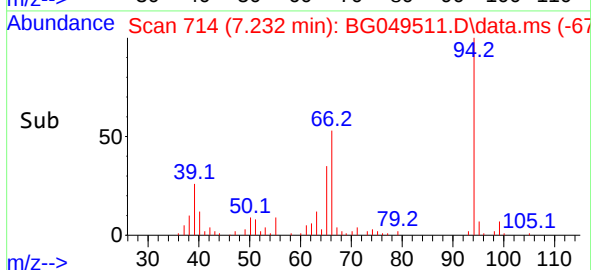
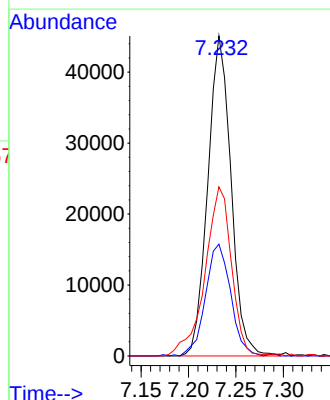
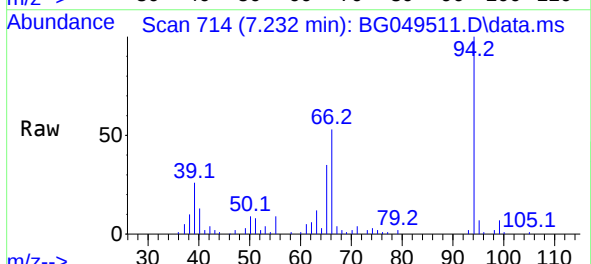
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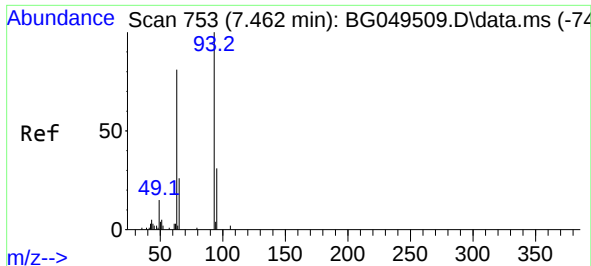
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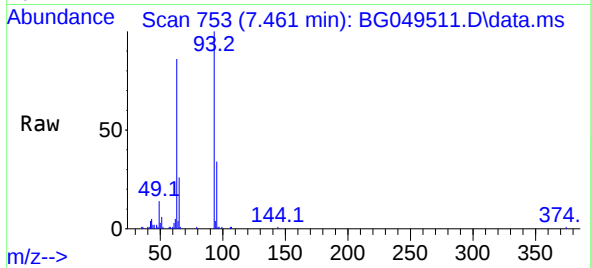
#8
Phenol
Concen: 39.397 ng/ul
RT: 7.232 min Scan# 714
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion: 94	Resp: 76967
Ion Ratio	Lower Upper
94 100	
65 35.0	28.8 43.2
66 52.9	40.3 60.5



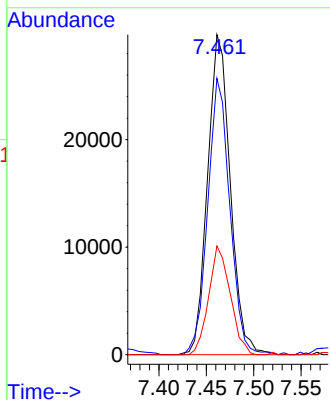


#10
Bis(2-Chloroethyl)ether
Concen: 36.971 ng/ul
RT: 7.461 min Scan# 753
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion: 93 Resp: 49760

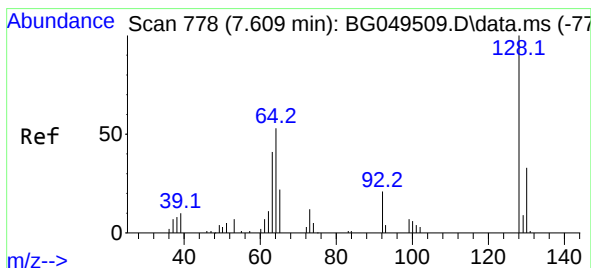
Ion	Ratio	Lower	Upper
93	100		
63	86.4	62.4	93.6
95	34.0	26.0	39.0



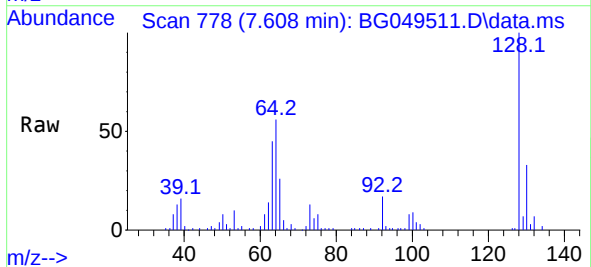
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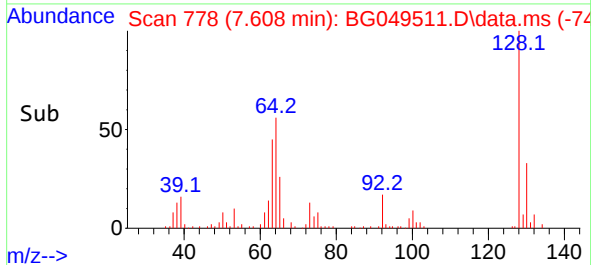
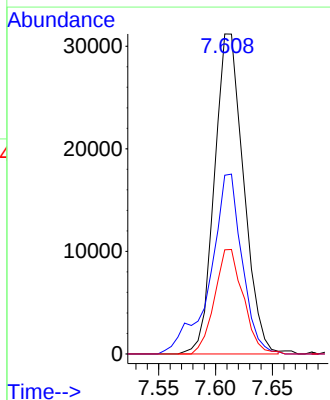


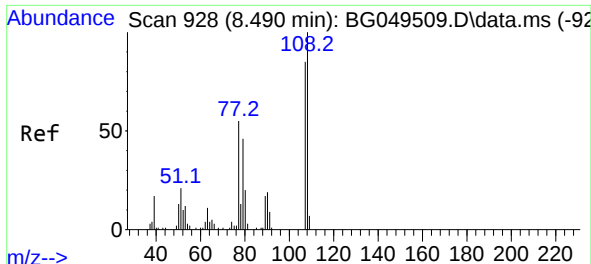
#12
2-Chlorophenol
Concen: 40.282 ng/ul
RT: 7.608 min Scan# 778
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion: 128 Resp: 55595

Ion	Ratio	Lower	Upper
128	100		
64	55.8	44.2	66.4
130	32.5	24.1	36.1





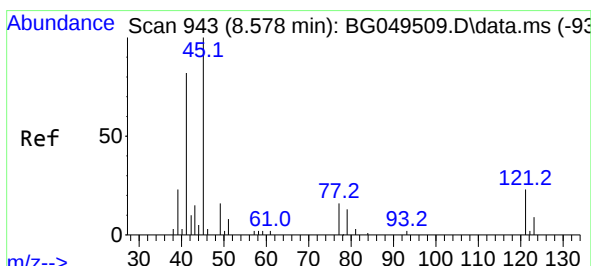
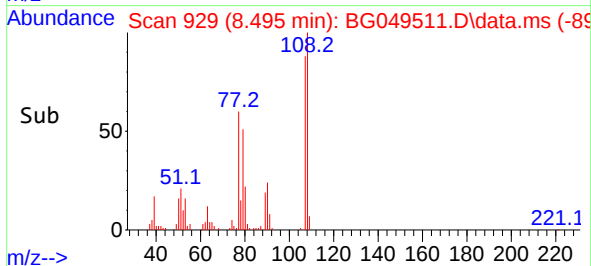
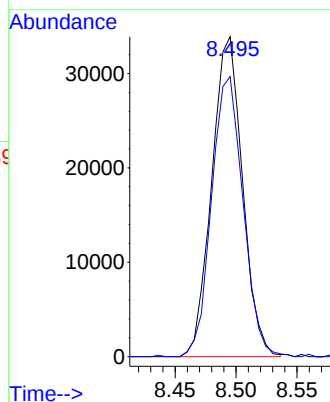
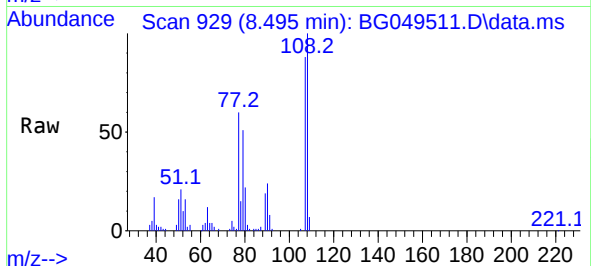
#13
2-Methylphenol
Concen: 39.915 ng/ul
RT: 8.495 min Scan# 929
Delta R.T. 0.005 min
Lab File: BG049511.D
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Tgt Ion:108 Resp: 59433
Ion Ratio Lower Upper
108 100
107 87.6 71.2 106.8

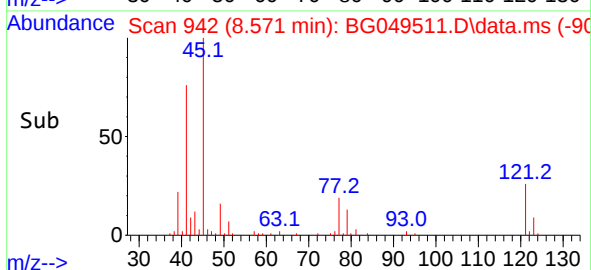
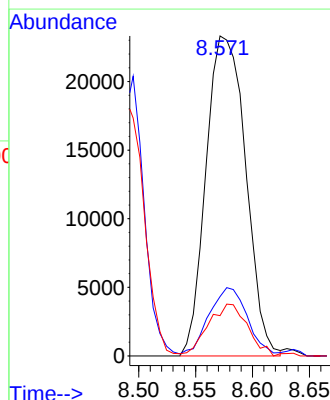
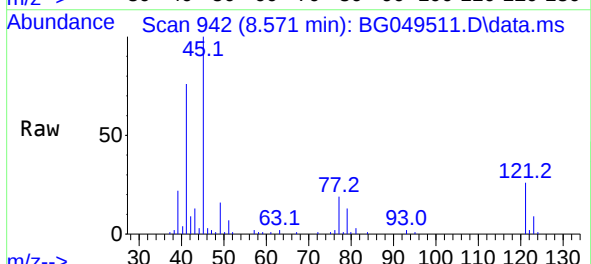
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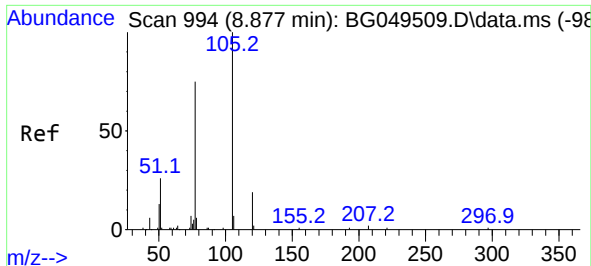
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 35.821 ng/ul
RT: 8.571 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

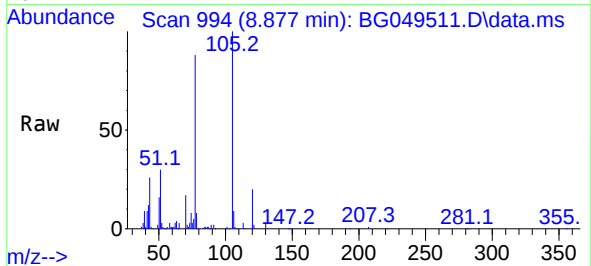
Tgt Ion: 45 Resp: 56499
Ion Ratio Lower Upper
45 100
77 18.6 17.0 25.4
79 12.6 9.7 14.5





#16
Acetophenone
Concen: 38.798 ng/ul
RT: 8.877 min Scan# 994
Delta R.T. 0.005 min
Lab File: BG049511.D
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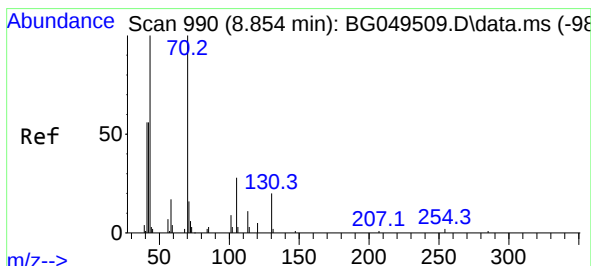
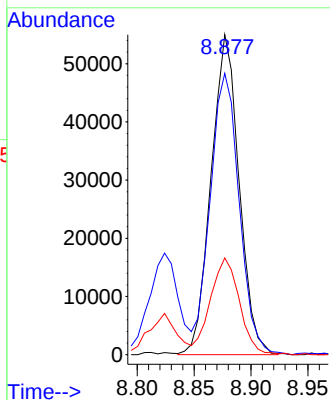
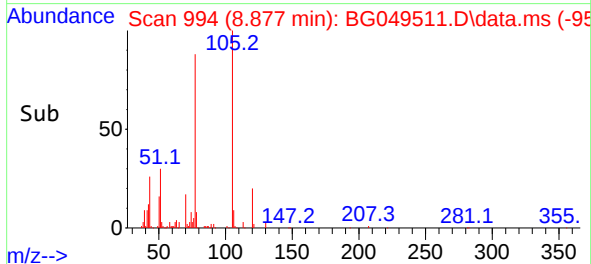
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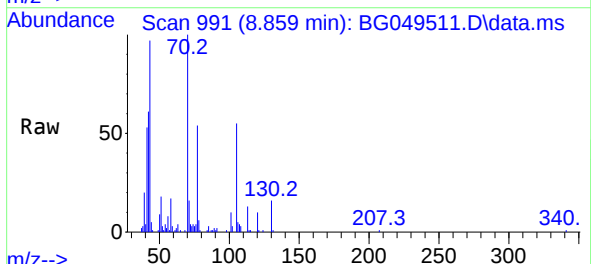
Tgt Ion:105 Resp: 94131
Ion Ratio Lower Upper
105 100
77 87.9 66.4 99.6
51 30.3 20.8 31.2

Manual Integrations
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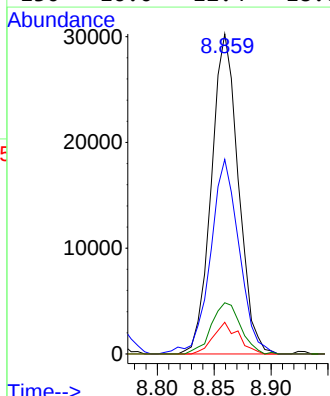
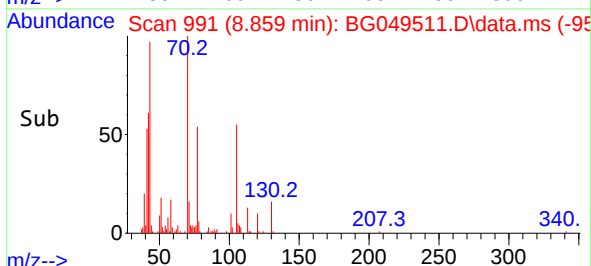
mohammad
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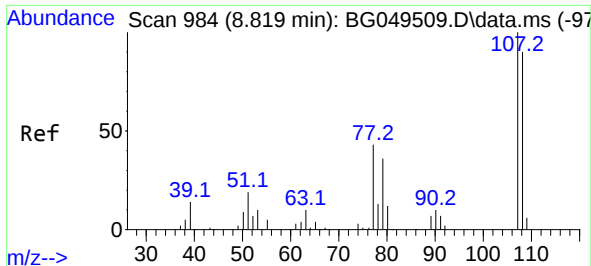


#17
N-Nitroso-di-n-propylamine
Concen: 39.990 ng/ul
RT: 8.859 min Scan# 991
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion: 70 Resp: 50031
Ion Ratio Lower Upper
70 100
42 60.8 44.2 66.4
101 9.9 5.4 8.0#
130 16.0 12.4 18.6





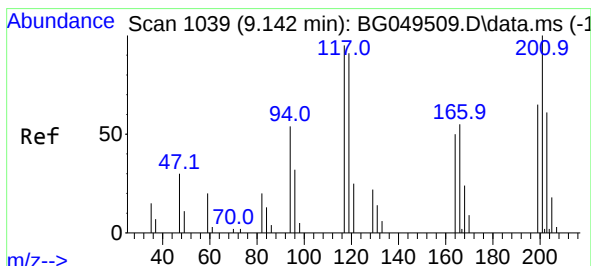
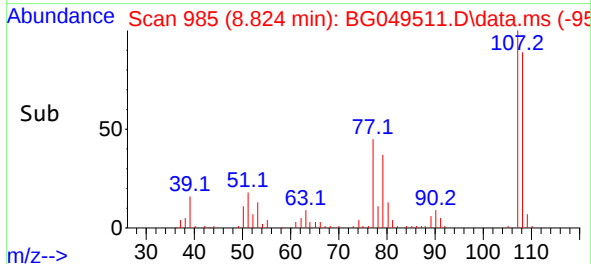
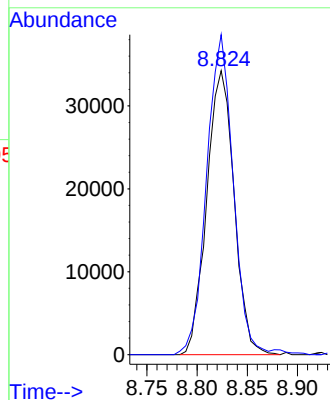
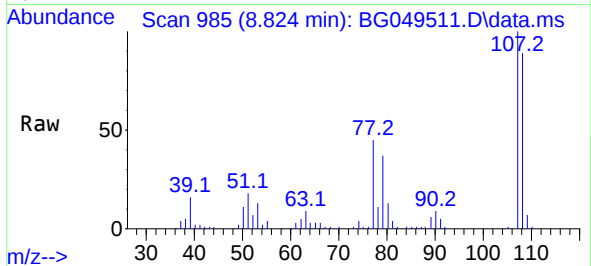
#18
4-Methylphenol
Concen: 41.579 ng/ul
RT: 8.824 min Scan# 985
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Instrument :
BNA_G
ClientSampleId :
SLCS903

Tgt Ion:108 Resp: 65131
Ion Ratio Lower Upper
108 100
107 112.7 85.4 128.2

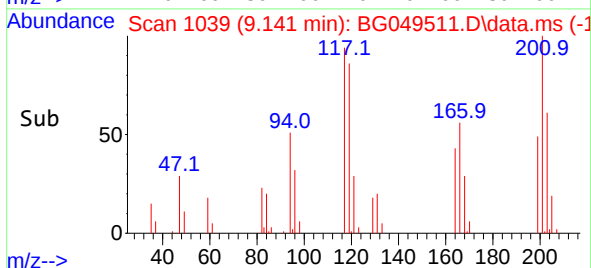
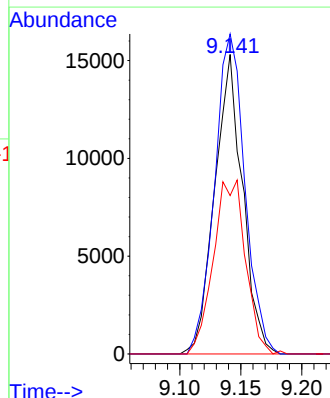
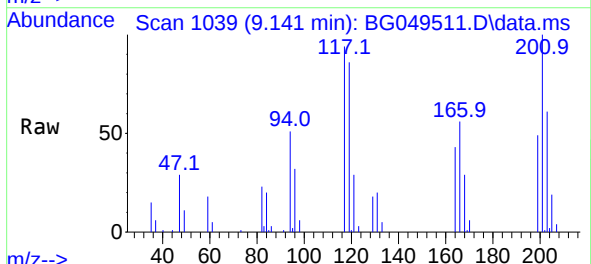
Manual Integrations
APPROVED

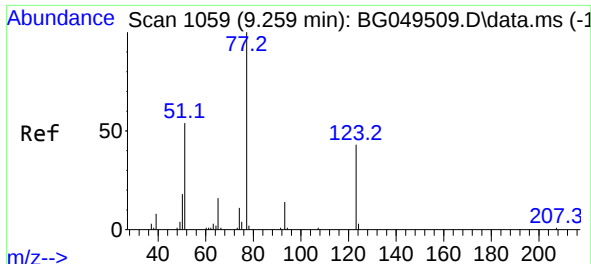
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#19
Hexachloroethane
Concen: 39.051 ng/ul
RT: 9.141 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

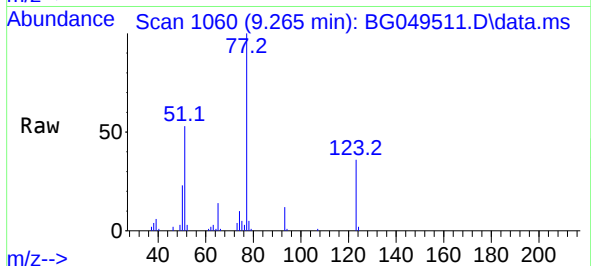
Tgt Ion:117 Resp: 24280
Ion Ratio Lower Upper
117 100
201 106.8 100.1 150.1
199 52.9 49.8 74.6





#22
Nitrobenzene
Concen: 39.561 ng/ul
RT: 9.265 min Scan# 1060
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

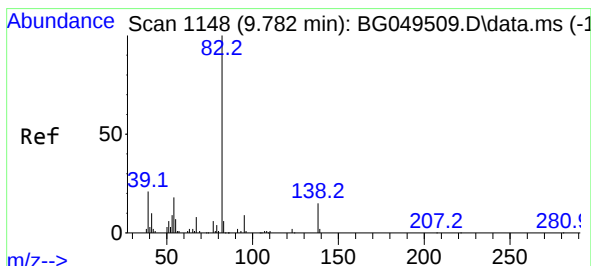
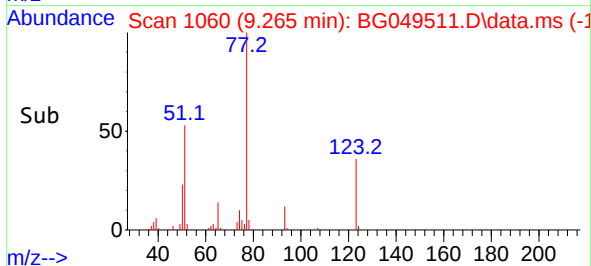
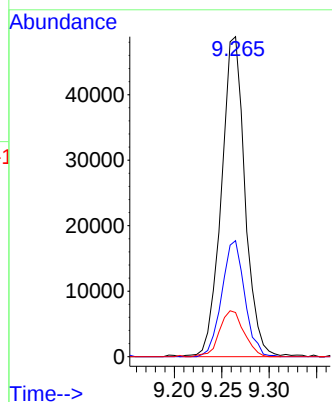
Instrument :
BNA_G
ClientSampled :
SLCS903



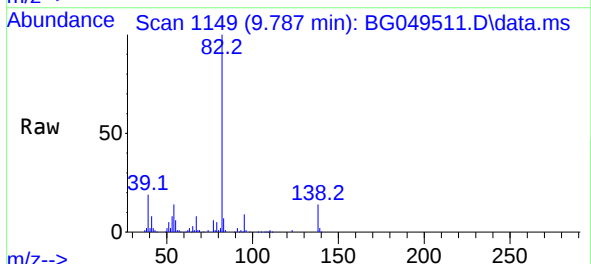
Tgt Ion: 77 Resp: 84565
Ion Ratio Lower Upper
77 100
123 36.2 27.5 41.3
65 13.8 10.8 16.2

Manual Integrations
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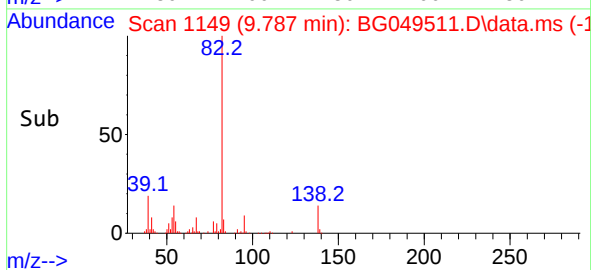
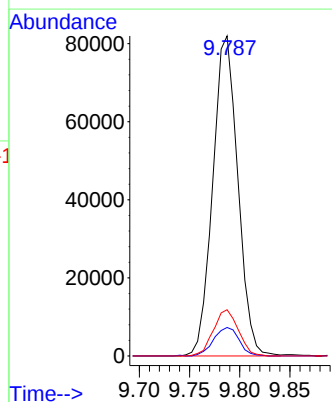
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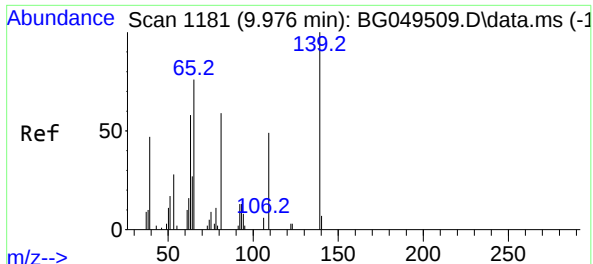


#23
Isophorone
Concen: 39.764 ng/ul
RT: 9.787 min Scan# 1149
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion: 82 Resp: 142430
Ion Ratio Lower Upper
82 100
95 8.9 7.4 11.0
138 14.4 10.7 16.1





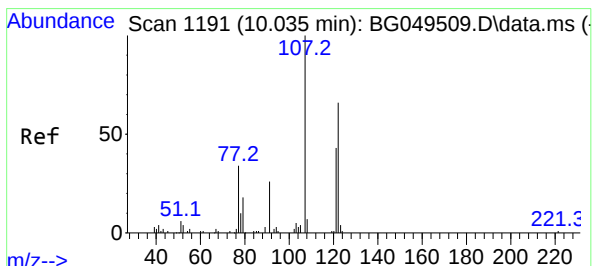
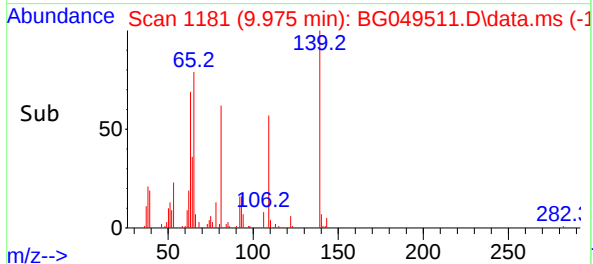
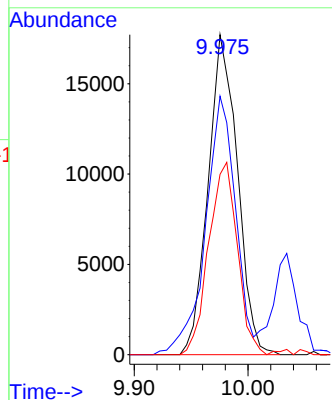
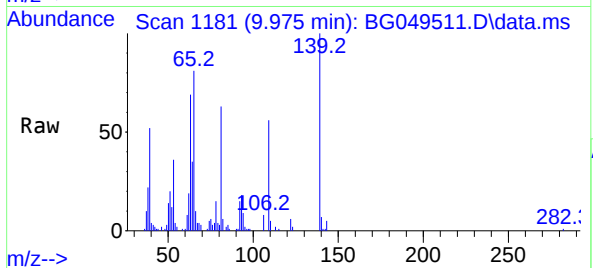
#25
2-Nitrophenol
Concen: 40.212 ng/ul
RT: 9.975 min Scan# 1181
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:139 Resp: 31748
Ion Ratio Lower Upper
139 100
65 80.7 49.8 74.6#
109 56.4 31.9 47.9#

Instrument :
BNA_G
ClientSampleId :
SLCS903

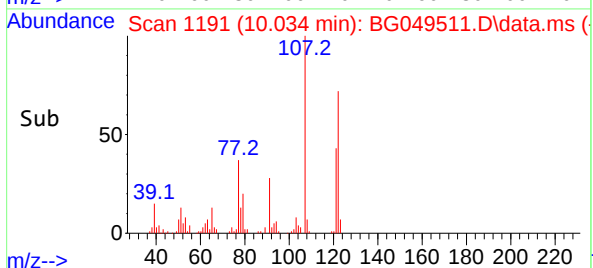
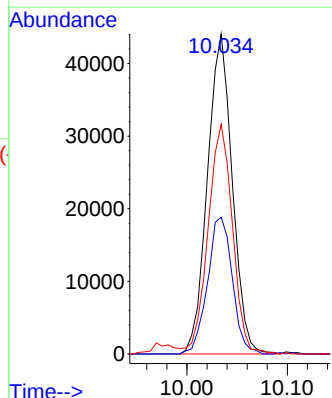
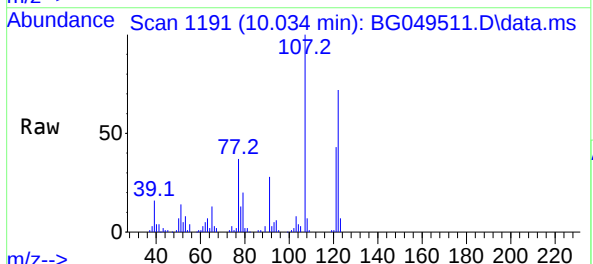
Manual Integrations
APPROVED

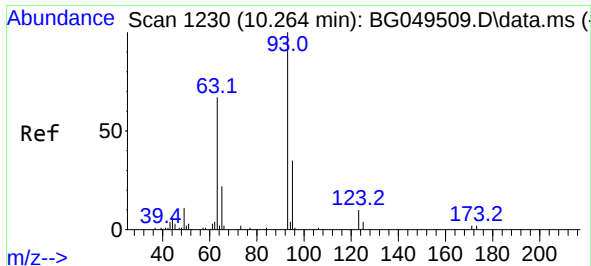
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#26
2,4-Dimethylphenol
Concen: 40.301 ng/ul
RT: 10.034 min Scan# 1191
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

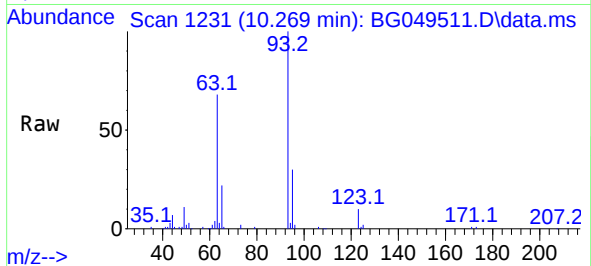
Tgt Ion:107 Resp: 75832
Ion Ratio Lower Upper
107 100
121 42.8 34.1 51.1
122 71.8 58.8 88.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.894 ng/ul
 RT: 10.269 min Scan# 1231
 Delta R.T. 0.005 min
 Lab File: BG049511.D
 Acq: 27 Jul 2021 17:17

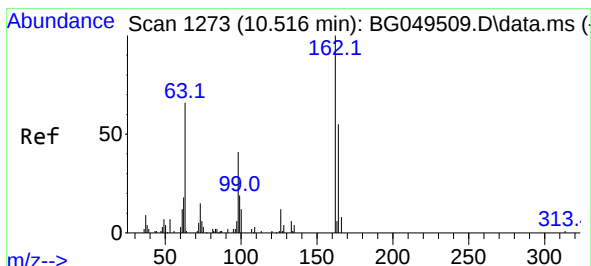
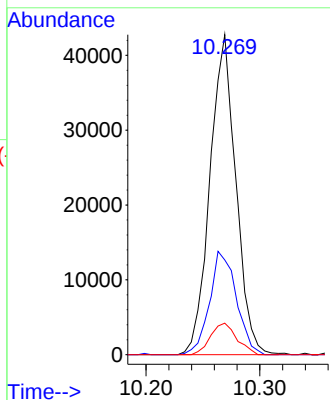
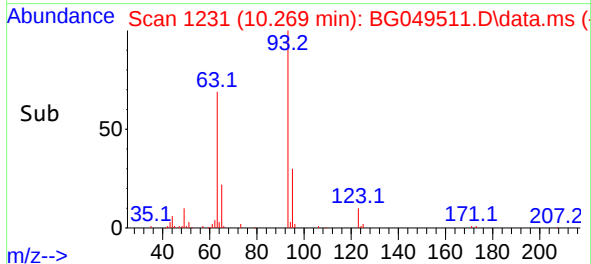
Instrument :
 BNA_G
 ClientSampleId :
 SLCS903



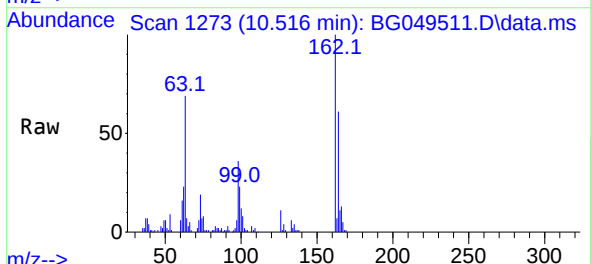
Tgt Ion:	93	Resp:	67697
Ion	Ratio	Lower	Upper
93	100		
95	29.6	26.8	40.2
123	9.8	8.3	12.5

Manual Integrations
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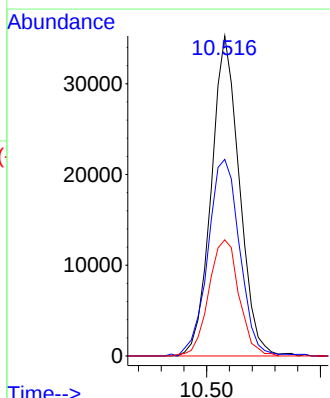
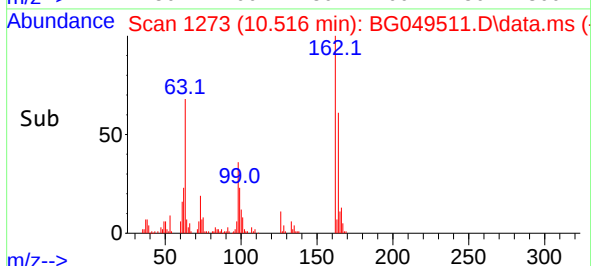
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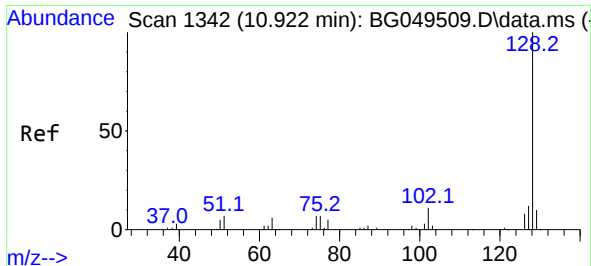


#29
 2,4-Dichlorophenol
 Concen: 40.527 ng/ul
 RT: 10.516 min Scan# 1273
 Delta R.T. 0.005 min
 Lab File: BG049511.D
 Acq: 27 Jul 2021 17:17



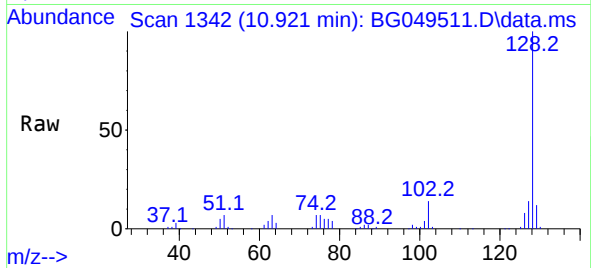
Tgt Ion:	162	Resp:	60449
Ion	Ratio	Lower	Upper
162	100		
164	61.4	52.2	78.2
98	36.3	25.4	38.2





#30
Naphthalene
Concen: 38.931 ng/ul
RT: 10.921 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

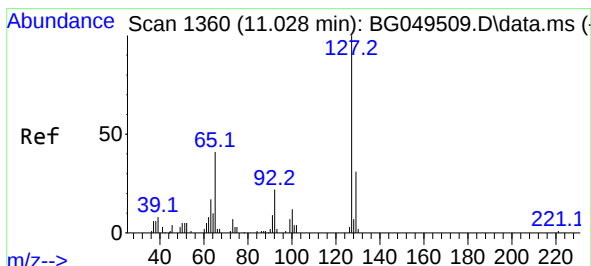
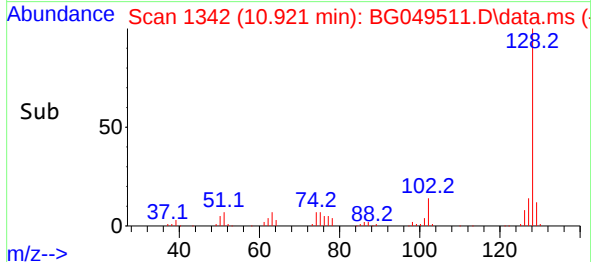
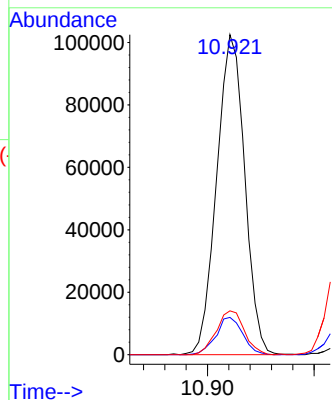
Instrument :
BNA_G
ClientSampleId :
SLCS903



Tgt Ion:128 Resp: 186729
Ion Ratio Lower Upper
128 100
129 11.7 7.8 11.8
127 13.7 11.0 16.6

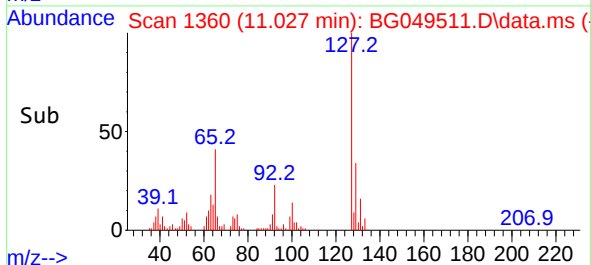
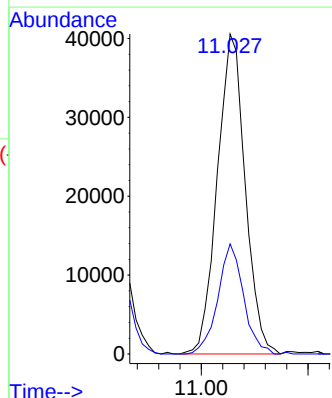
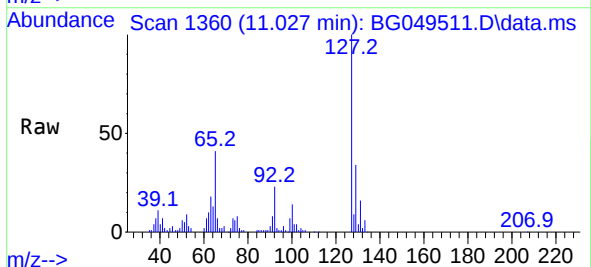
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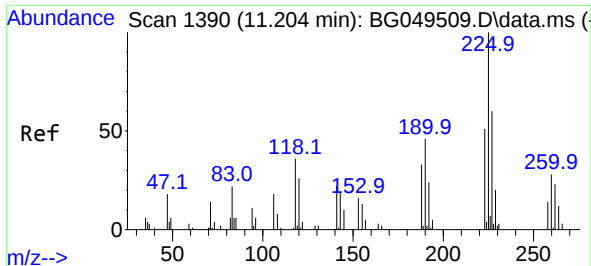
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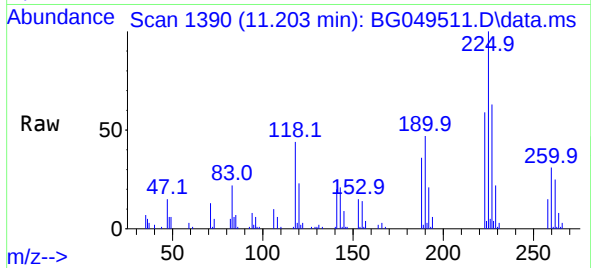
#32
4-Chloroaniline
Concen: 36.307 ng/ul
RT: 11.027 min Scan# 1360
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:127 Resp: 73441
Ion Ratio Lower Upper
127 100
129 34.4 21.3 31.9#

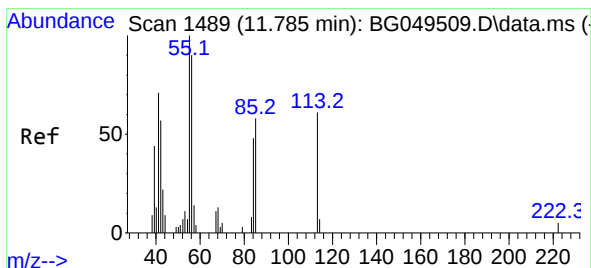
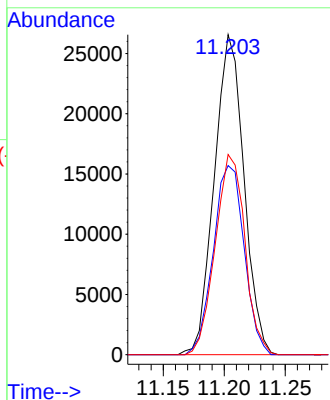
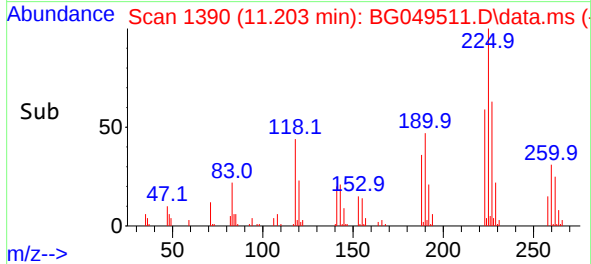




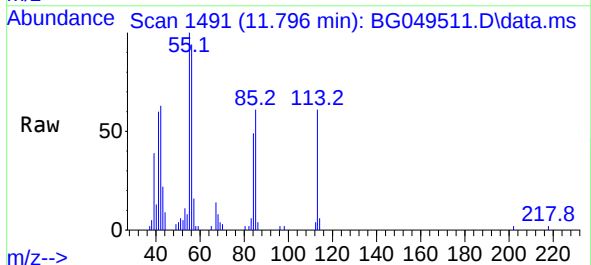
#33
Hexachlorobutadiene
Concen: 39.411 ng/ul
RT: 11.203 min Scan# 1390
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



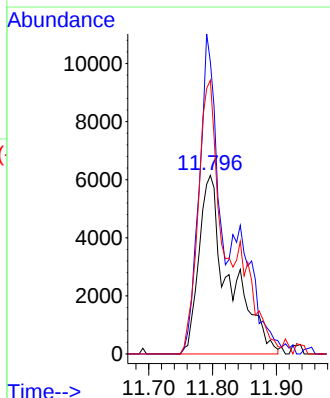
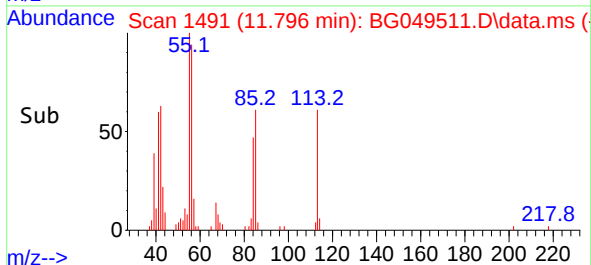
Tgt Ion:225 Resp: 44942
Ion Ratio Lower Upper
225 100
223 59.1 52.1 78.1
227 62.6 52.4 78.6



#34
Caprolactam
Concen: 40.425 ng/ul m
RT: 11.796 min Scan# 1491
Delta R.T. 0.011 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



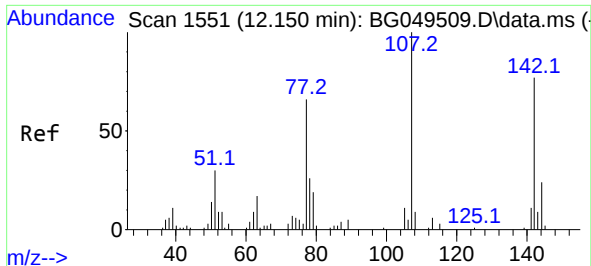
Tgt Ion:113 Resp: 20507
Ion Ratio Lower Upper
113 100
55 163.6 116.6 174.8
56 153.3 95.0 142.6#



Instrument :
BNA_G
ClientSampleId :
SLCS903

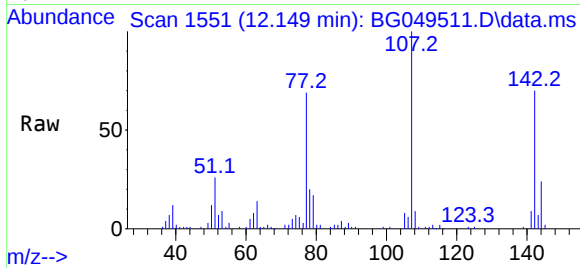
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#35
4-Chloro-3-methylphenol
Concen: 44.125 ng/ul
RT: 12.149 min Scan# 1551
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

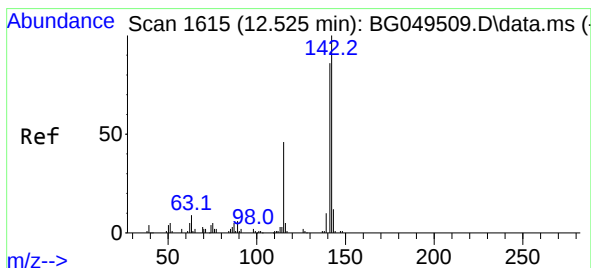
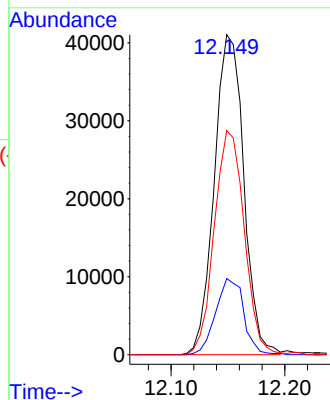
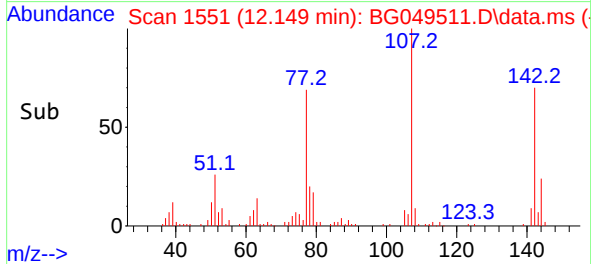
Instrument :
BNA_G
ClientSampleId :
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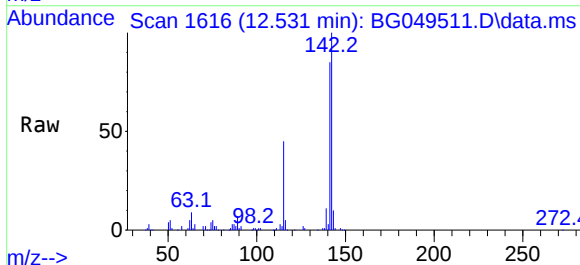
Tgt Ion:107 Resp: 74052
Ion Ratio Lower Upper
107 100
144 23.8 17.0 25.6
142 70.0 53.3 79.9

Manual Integrations
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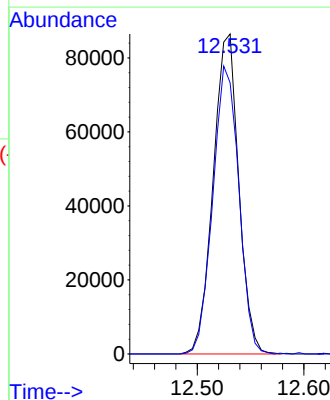
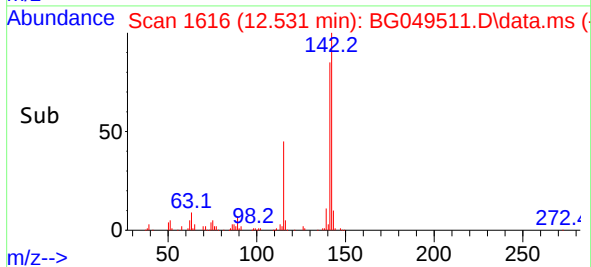
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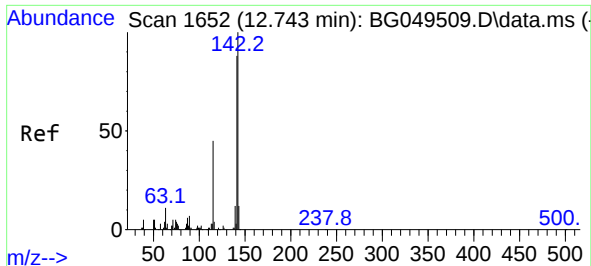


#36
2-Methylnaphthalene
Concen: 40.957 ng/ul
RT: 12.531 min Scan# 1616
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion:142 Resp: 143781
Ion Ratio Lower Upper
142 100
141 84.8 69.9 104.9





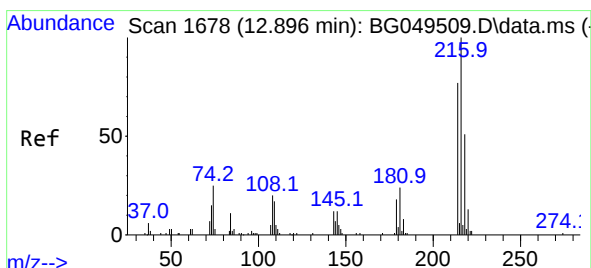
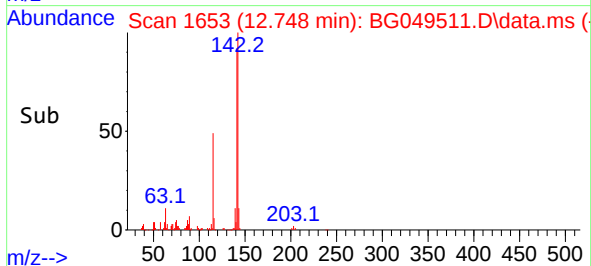
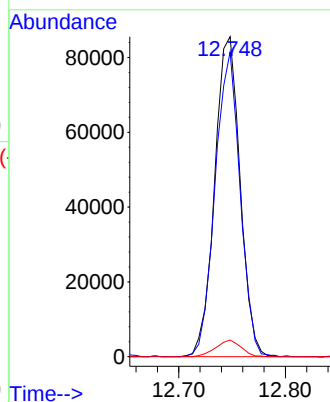
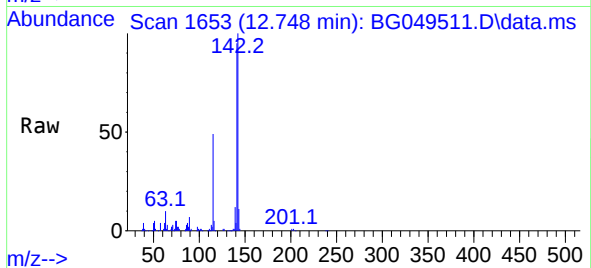
#37
1-Methylnaphthalene
Concen: 39.866 ng/ul
RT: 12.748 min Scan# 1653
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:142 Resp: 141417
Ion Ratio Lower Upper
142 100
141 95.3 82.1 123.1
116 5.2 3.8 5.6

Instrument :
BNA_G
ClientSampled :
SLCS903

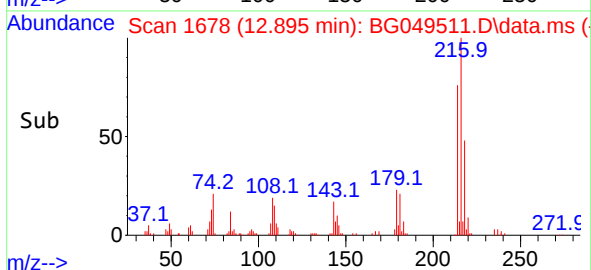
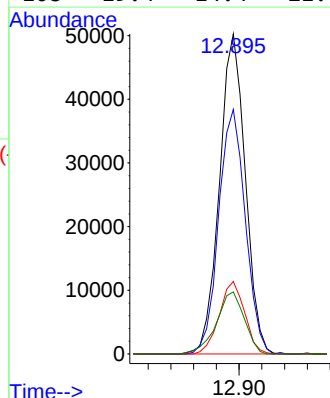
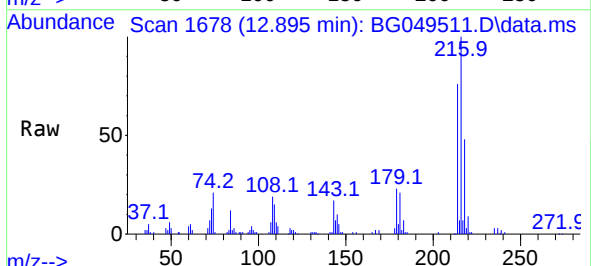
Manual Integrations
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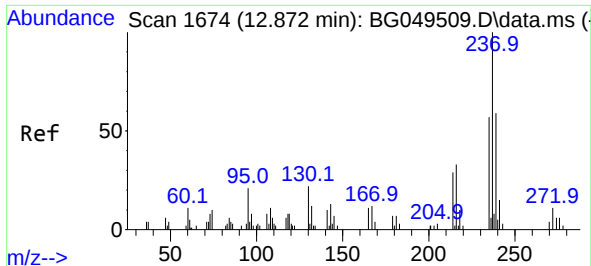
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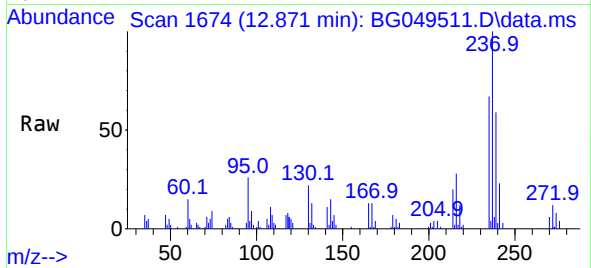
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.901 ng/ul
RT: 12.895 min Scan# 1678
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:216 Resp: 79254
Ion Ratio Lower Upper
216 100
214 76.4 58.6 88.0
179 22.6 17.0 25.4
108 19.4 14.4 21.6

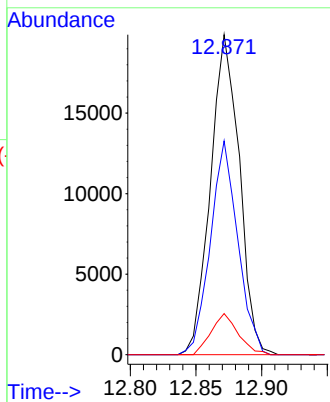
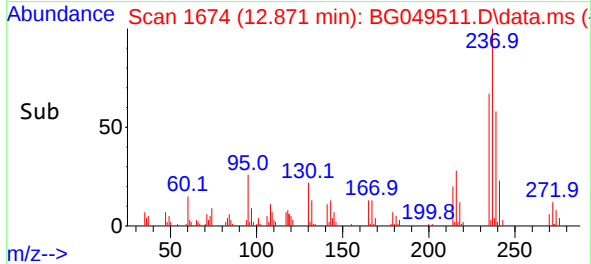




#40
Hexachlorocyclopentadiene
Concen: 24.135 ng/ul
RT: 12.871 min Scan# 1674
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



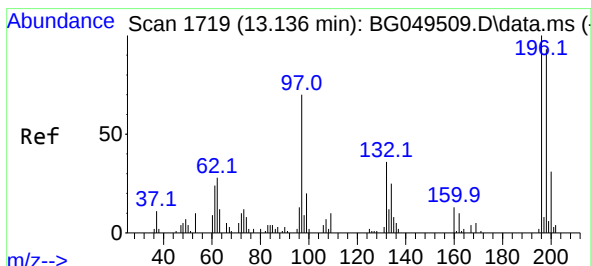
Tgt Ion:237 Resp: 30409
Ion Ratio Lower Upper
237 100
235 66.8 48.2 72.4
272 12.9 10.1 15.1



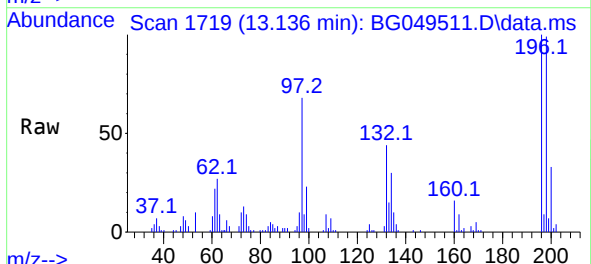
Instrument :
BNA_G
ClientSampleId :
SLCS903

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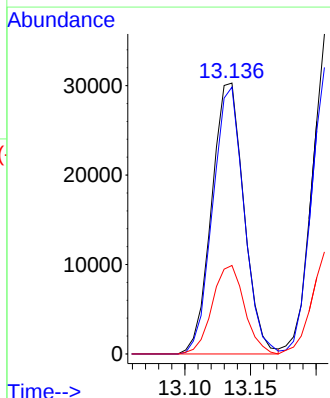
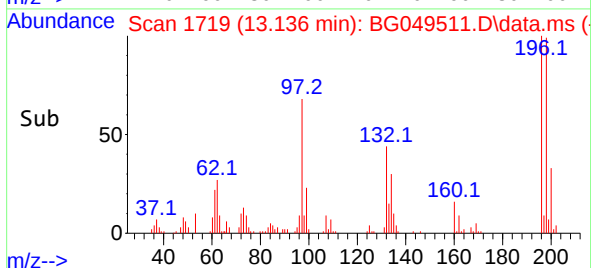
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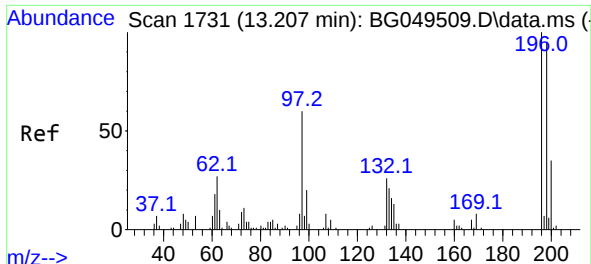


#41
2,4,6-Trichlorophenol
Concen: 40.313 ng/ul
RT: 13.136 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



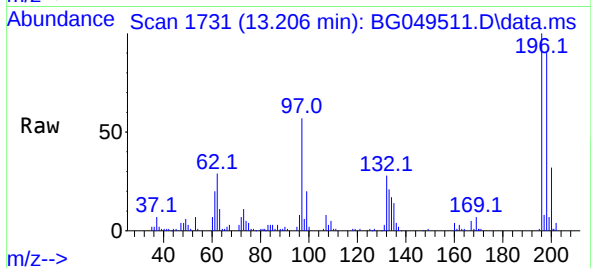
Tgt Ion:196 Resp: 51803
Ion Ratio Lower Upper
196 100
198 98.5 61.6 92.4#
200 32.6 21.3 31.9#





#42
2,4,5-Trichlorophenol
Concen: 41.394 ng/ul
RT: 13.206 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

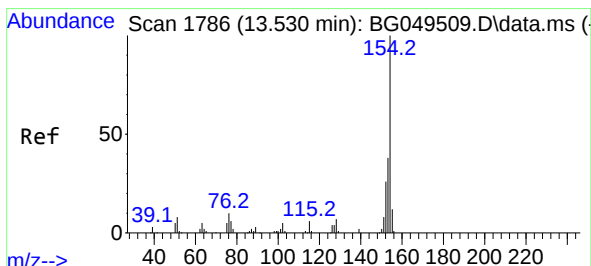
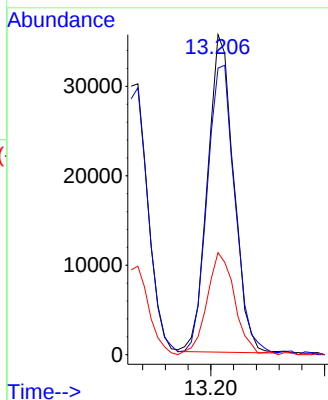
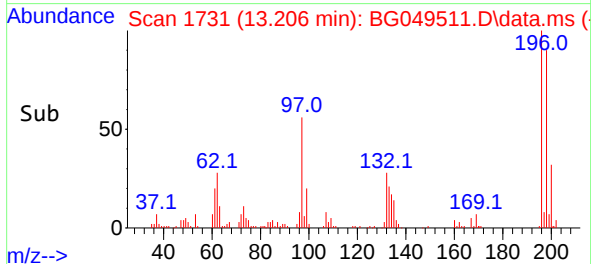
Instrument :
BNA_G
ClientSampleId :
SLCS903



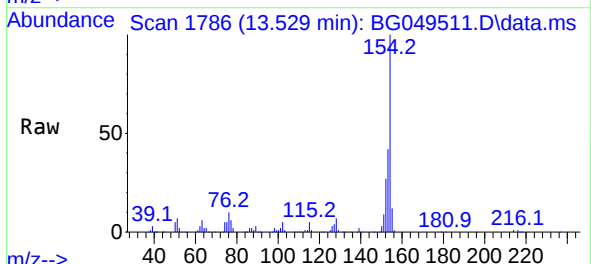
Tgt Ion:196 Resp: 56806
Ion Ratio Lower Upper
196 100
198 89.5 81.4 122.0
200 31.9 26.6 39.8

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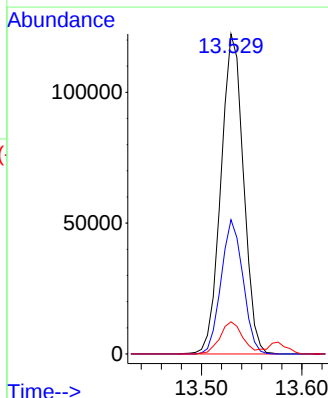
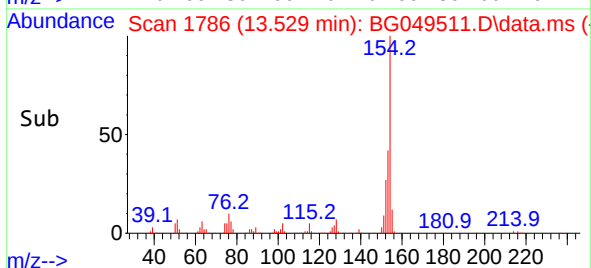
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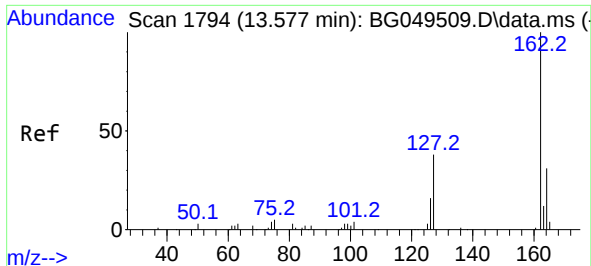


#43
1,1'-Biphenyl
Concen: 37.986 ng/ul
RT: 13.529 min Scan# 1786
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



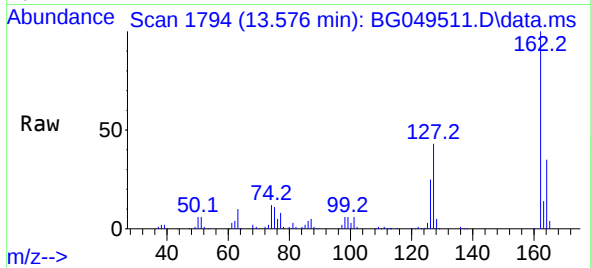
Tgt Ion:154 Resp: 190313
Ion Ratio Lower Upper
154 100
153 41.9 33.3 49.9
76 10.1 7.0 10.6





#44
2-Chloronaphthalene
Concen: 37.211 ng/ul
RT: 13.576 min Scan# 1794
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Instrument :
BNA_G
ClientSampleId :
SLCS903

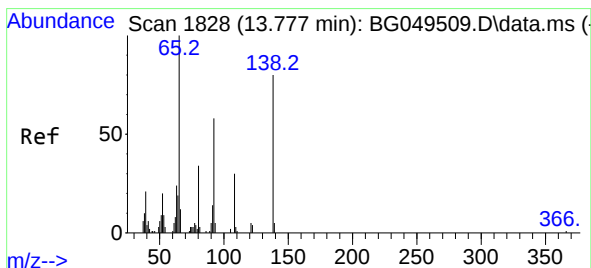
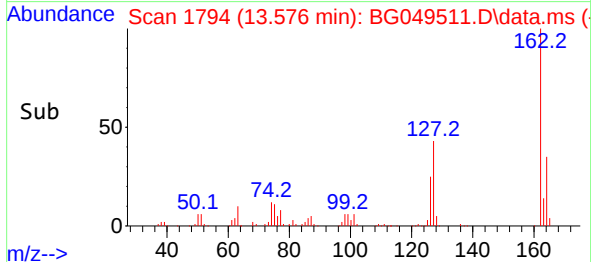
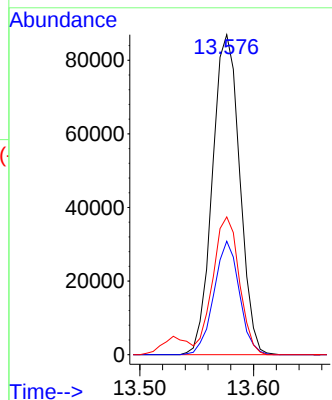


Tgt Ion:162 Resp: 145070

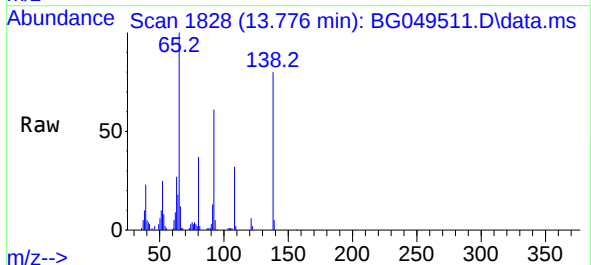
Ion	Ratio	Lower	Upper
162	100		
164	35.5	24.5	36.7
127	43.0	35.7	53.5

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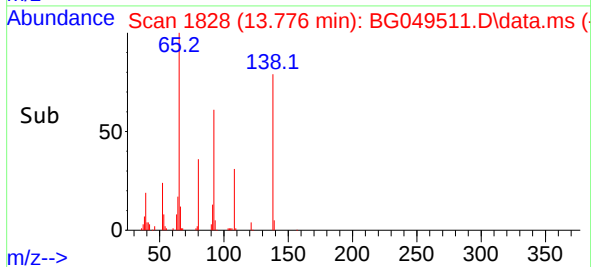
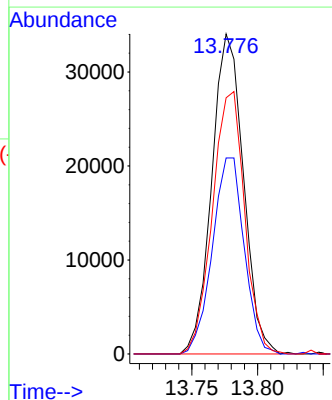


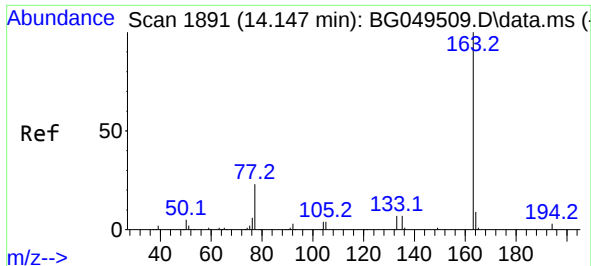
#45
2-Nitroaniline
Concen: 41.172 ng/ul
RT: 13.776 min Scan# 1828
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion: 65 Resp: 56963

Ion	Ratio	Lower	Upper
65	100		
92	61.2	51.8	77.6
138	80.1	68.1	102.1





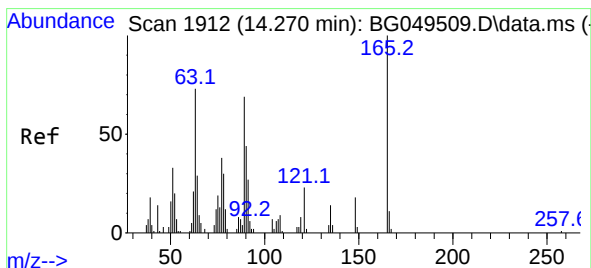
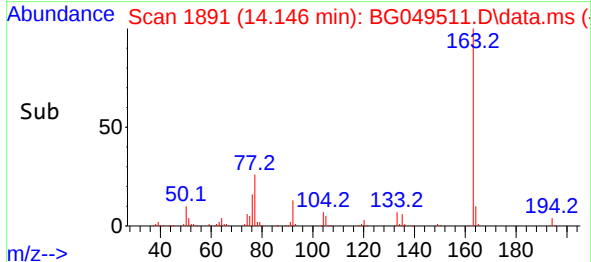
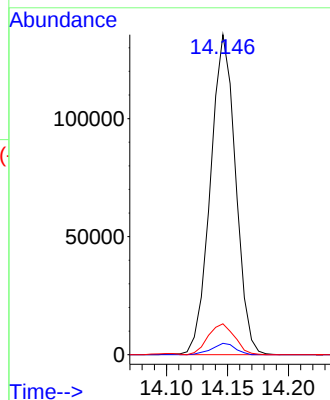
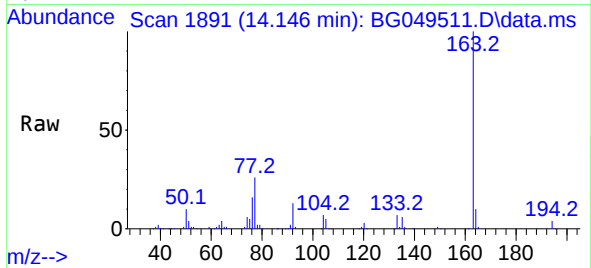
#47
Dimethylphthalate
Concen: 37.130 ng/ul
RT: 14.146 min Scan# 1891
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:163 Resp: 194597
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 8.5 12.7

Instrument :
BNA_G
ClientSampleId :
SLCS903

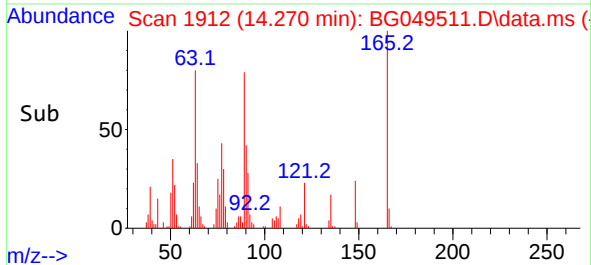
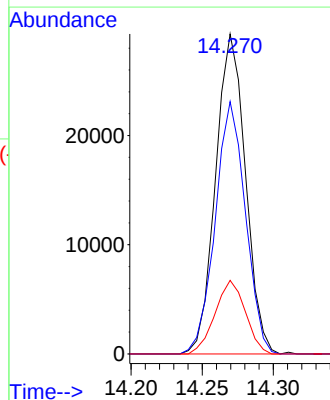
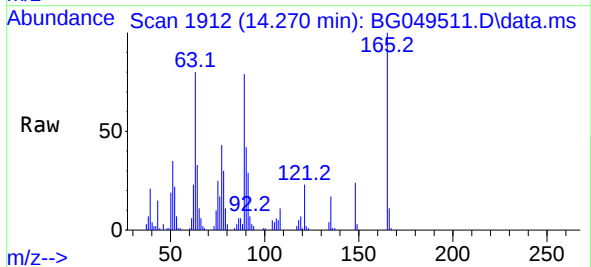
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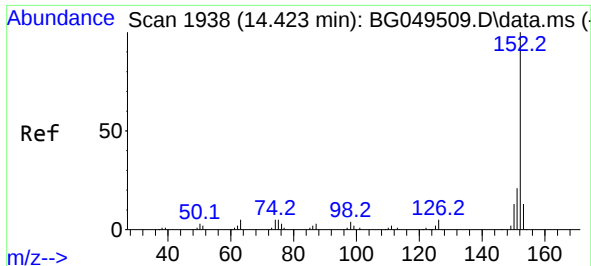
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#48
2,6-Dinitrotoluene
Concen: 40.960 ng/ul
RT: 14.270 min Scan# 1912
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

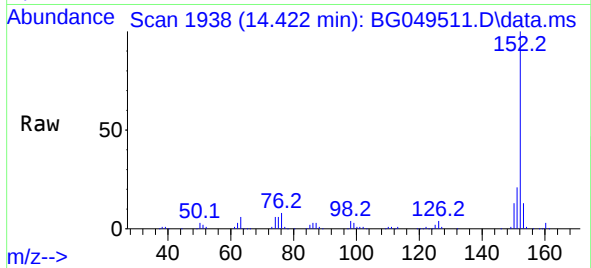
Tgt Ion:165 Resp: 42842
Ion Ratio Lower Upper
165 100
89 78.9 67.4 101.2
121 23.0 24.6 36.8#





#50
Acenaphthylene
Concen: 38.263 ng/ul
RT: 14.422 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

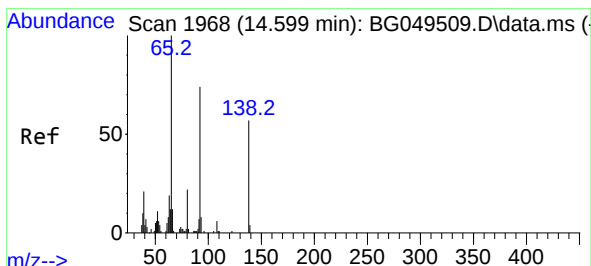
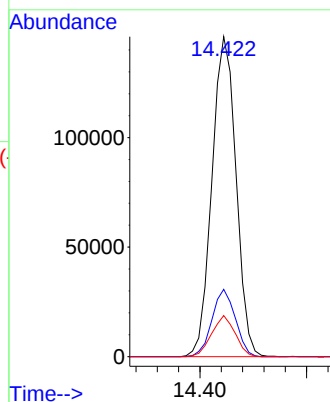
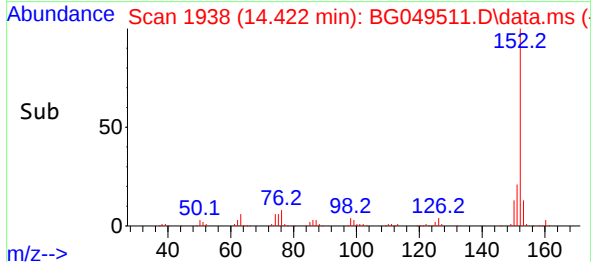
Instrument :
BNA_G
ClientSampleId :
SLCS903



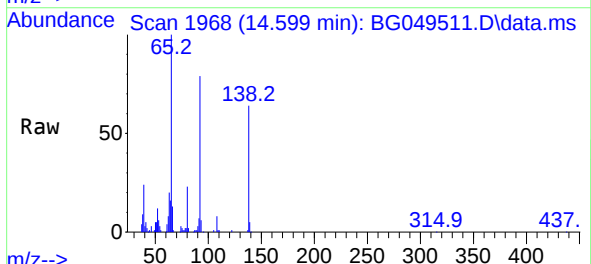
Tgt Ion:152 Resp: 228726
Ion Ratio Lower Upper
152 100
151 21.1 14.4 21.6
153 12.9 9.5 14.3

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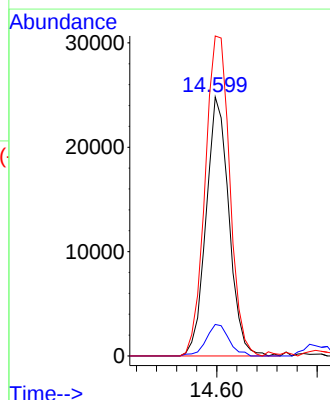
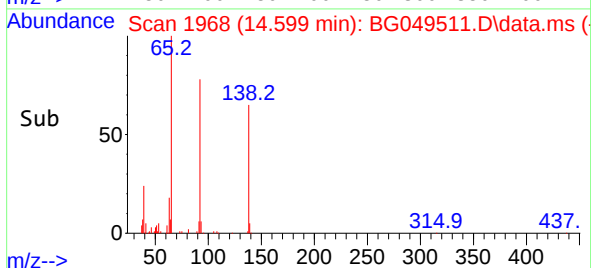
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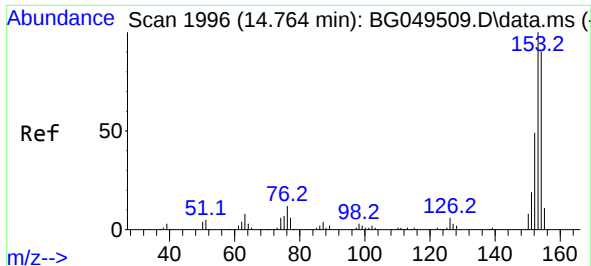


#51
3-Nitroaniline
Concen: 37.702 ng/ul
RT: 14.599 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



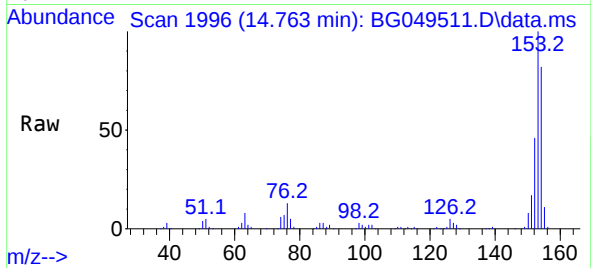
Tgt Ion:138 Resp: 39330
Ion Ratio Lower Upper
138 100
108 12.2 8.2 12.2
92 123.6 93.0 139.6





#52
Acenaphthene
Concen: 37.513 ng/ul
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

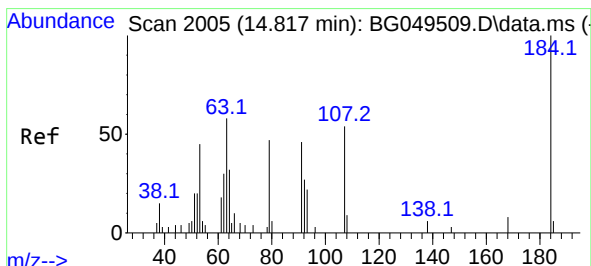
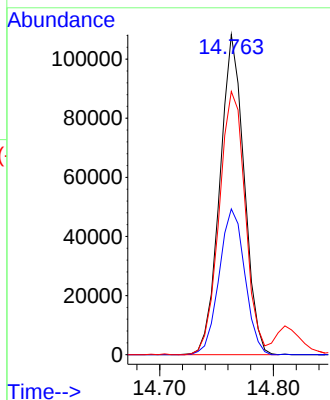
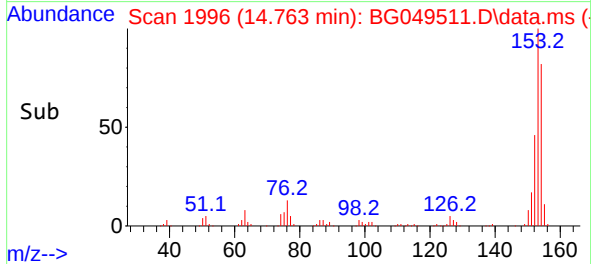
Instrument :
BNA_G
ClientSampleId :
SLCS903



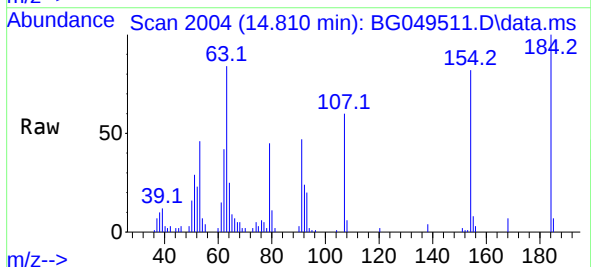
Tgt Ion:153 Resp: 160833
Ion Ratio Lower Upper
153 100
152 45.5 37.4 56.0
154 82.3 66.7 100.1

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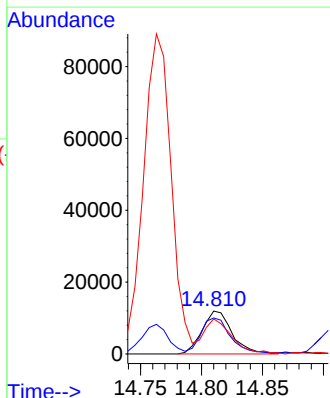
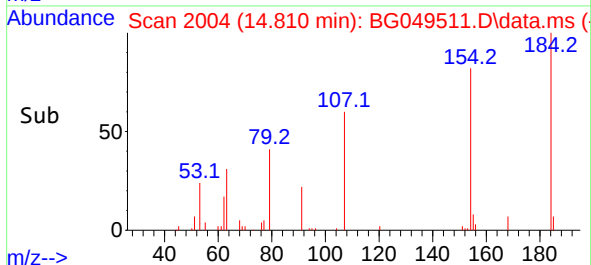
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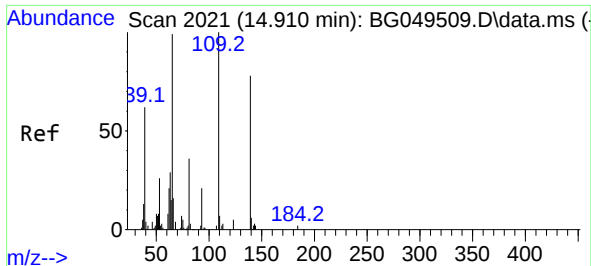


#53
2,4-Dinitrophenol
Concen: 39.285 ng/ul
RT: 14.810 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion:184 Resp: 20472
Ion Ratio Lower Upper
184 100
63 83.9 85.5 128.3#
154 81.7 75.8 113.6





#55
4-Nitrophenol
Concen: 38.394 ng/ul
RT: 14.916 min Scan# 2022
Delta R.T. 0.011 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

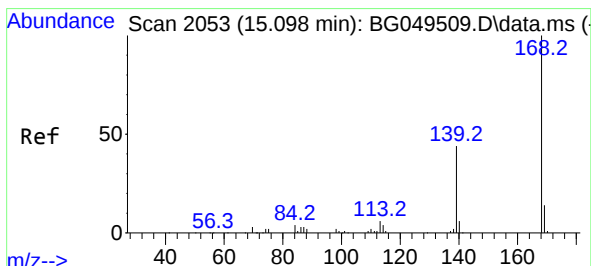
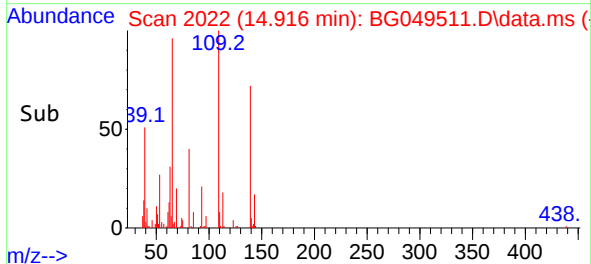
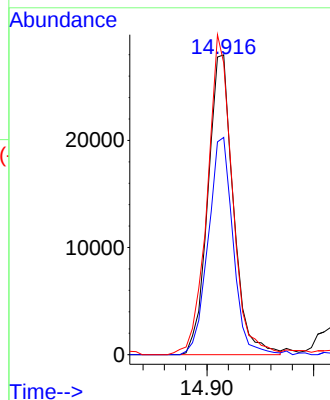
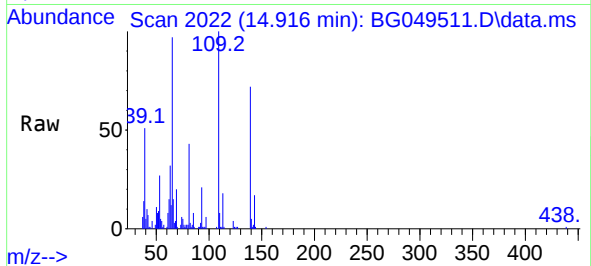
Tgt Ion:109 Resp: 46205

Ion	Ratio	Lower	Upper
109	100		
139	72.5	57.0	85.4
65	97.3	83.1	124.7

Instrument :
BNA_G
ClientSampleId :
SLCS903

Manual Integrations
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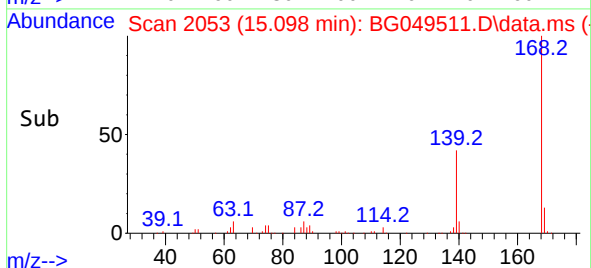
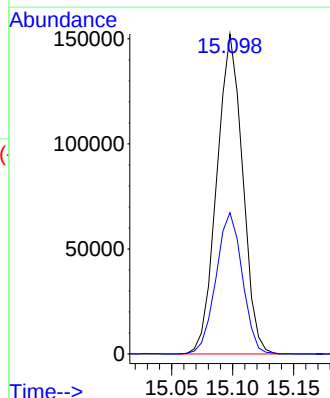
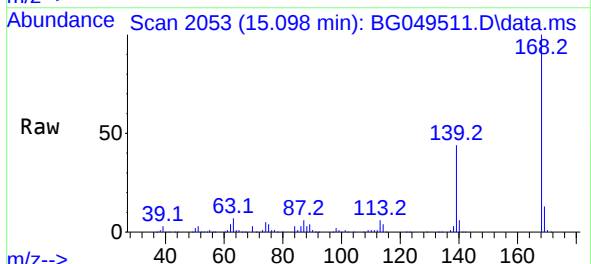
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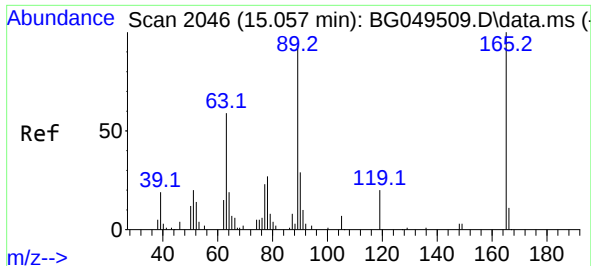


#56
Dibenzofuran
Concen: 38.751 ng/ul
RT: 15.098 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

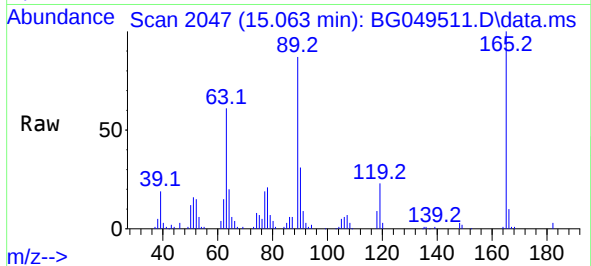
Tgt Ion:168 Resp: 224337

Ion	Ratio	Lower	Upper
168	100		
139	44.2	35.5	53.3

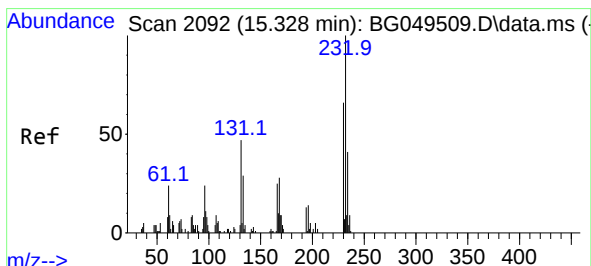
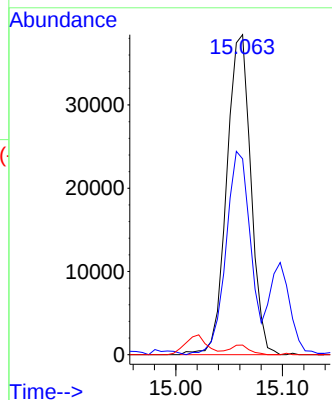
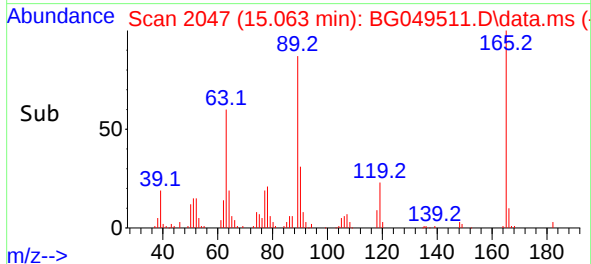




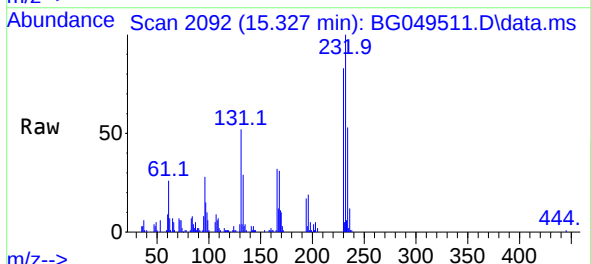
#57
2,4-Dinitrotoluene
Concen: 40.871 ng/ul
RT: 15.063 min Scan# 2047
Delta R.T. 0.011 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



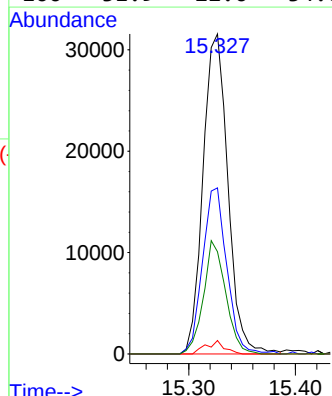
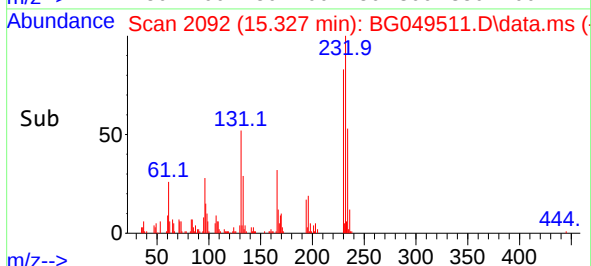
Tgt Ion:165 Resp: 60596
Ion Ratio Lower Upper
165 100
63 61.2 48.2 72.4
182 3.0 1.4 2.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.099 ng/ul
RT: 15.327 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



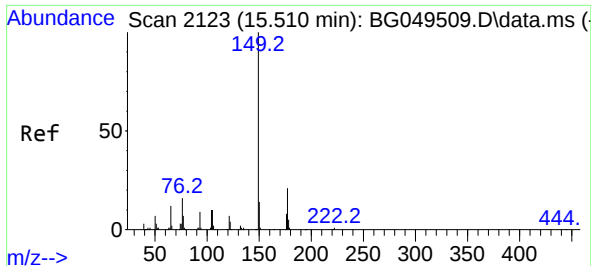
Tgt Ion:232 Resp: 51183
Ion Ratio Lower Upper
232 100
131 51.9 39.6 59.4
130 4.2 3.2 4.8
166 31.9 22.6 34.0



Instrument :
BNA_G
ClientSampled :
SLCS903

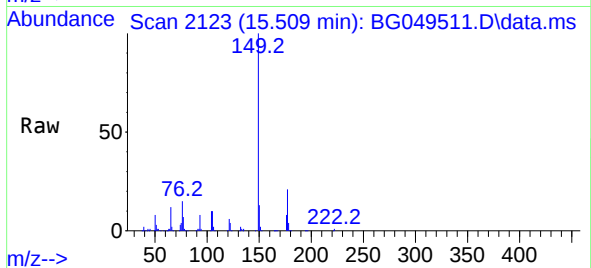
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#59
Diethylphthalate
Concen: 37.897 ng/ul
RT: 15.509 min Scan# 2123
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

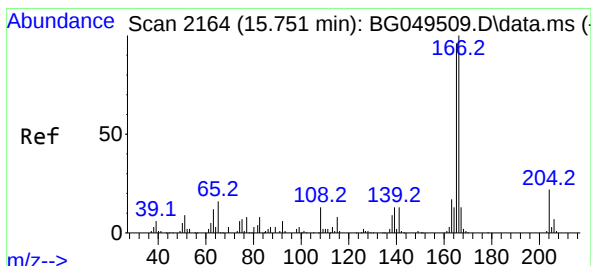
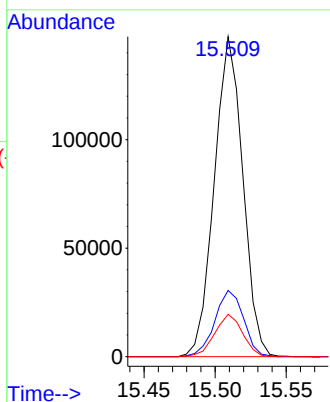
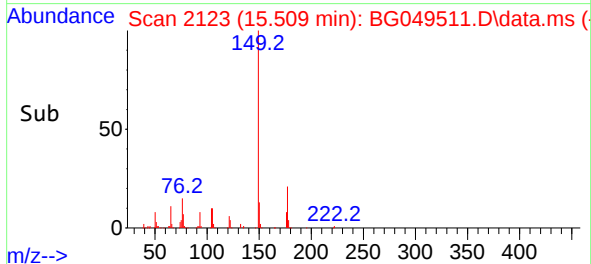
Instrument :
BNA_G
ClientSampleId :
SLCS903



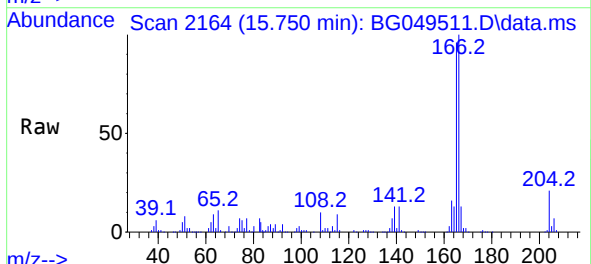
Tgt Ion:149 Resp: 205558
Ion Ratio Lower Upper
149 100
177 20.7 16.0 24.0
150 13.2 9.5 14.3

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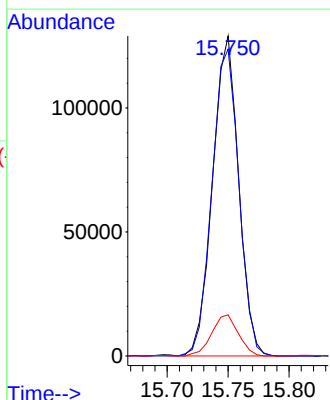
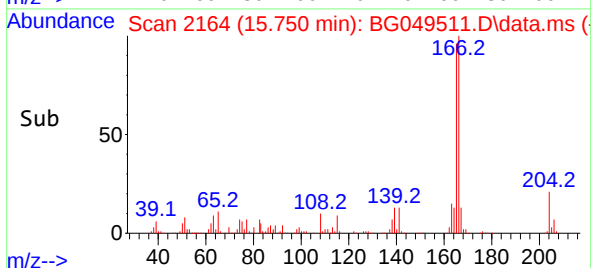
mohammad
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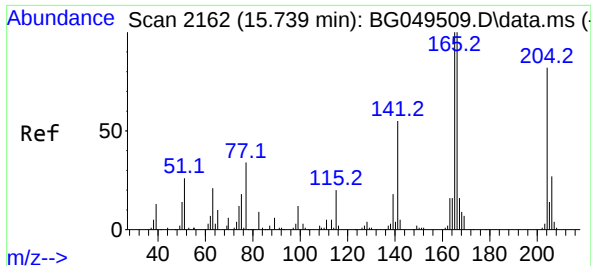


#61
Fluorene
Concen: 38.878 ng/ul
RT: 15.750 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



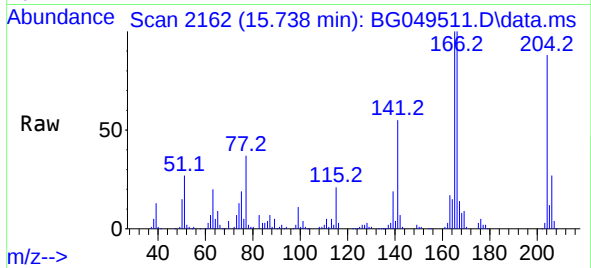
Tgt Ion:166 Resp: 191067
Ion Ratio Lower Upper
166 100
165 95.9 81.8 122.8
167 12.8 11.0 16.4





#62
4-Chlorophenyl-phenylether
Concen: 39.401 ng/ul
RT: 15.738 min Scan# 2162
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

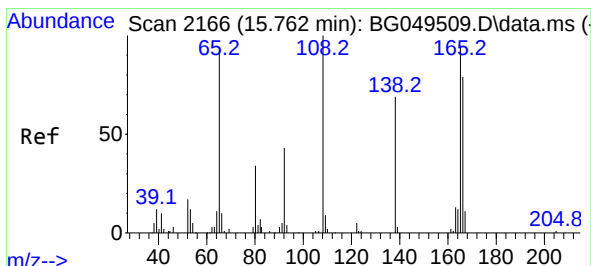
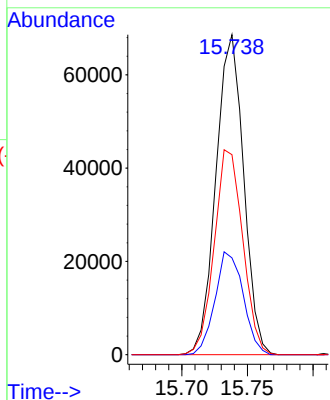
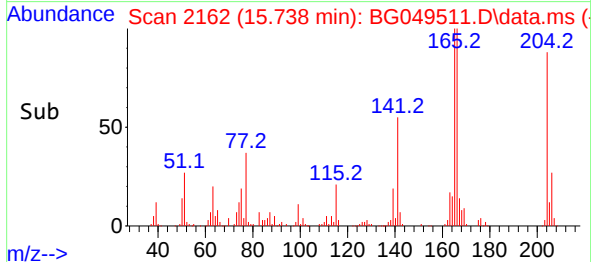
Instrument :
BNA_G
ClientSampled :
SLCS903



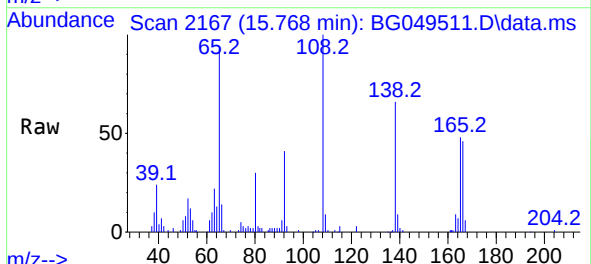
Tgt Ion:204 Resp: 100801
Ion Ratio Lower Upper
204 100
206 30.3 23.5 35.3
141 62.5 45.4 68.0

Manual Integrations
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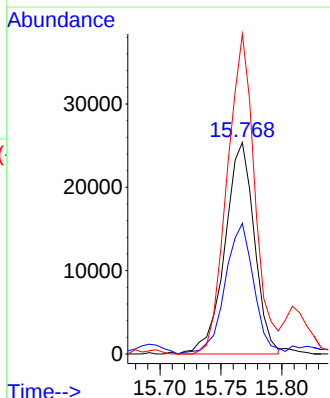
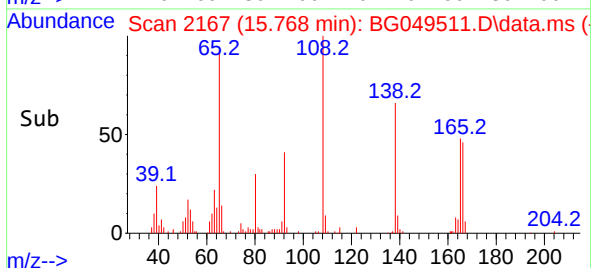
mohammad
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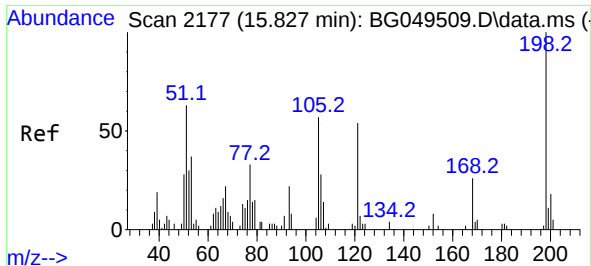


#63
4-Nitroaniline
Concen: 41.170 ng/ul
RT: 15.768 min Scan# 2167
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion:138 Resp: 42589
Ion Ratio Lower Upper
138 100
92 61.8 49.8 74.8
108 151.3 105.4 158.2





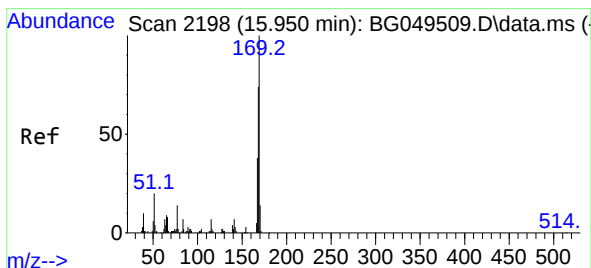
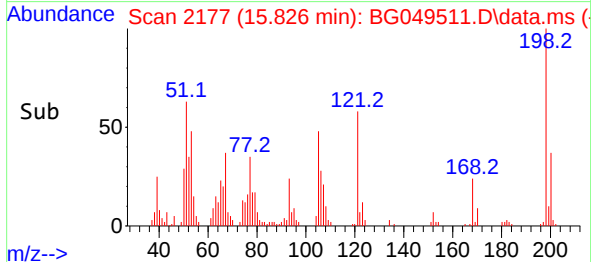
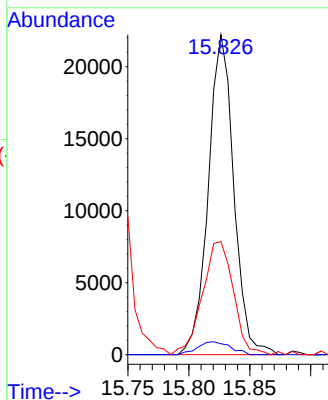
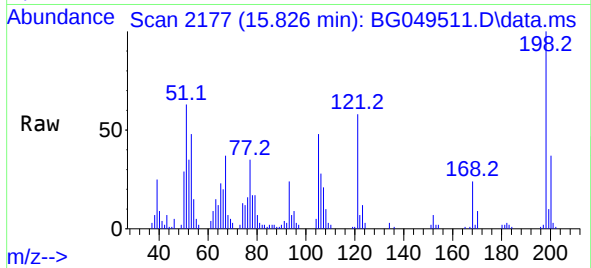
#66
4,6-Dinitro-2-methylphenol
Concen: 38.340 ng/ul
RT: 15.826 min Scan# 2177
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:	198	Resp:	32307
Ion Ratio	Lower	Upper	
198	100		
182	3.4	4.2	6.4#
77	35.3	20.8	31.2#

Instrument :
BNA_G
ClientSampleId :
SLCS903

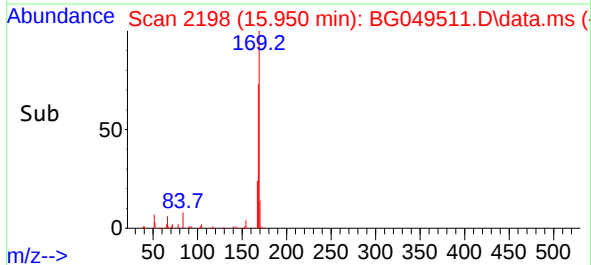
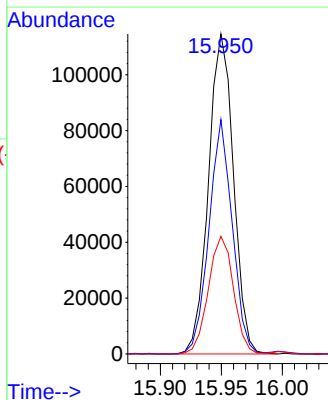
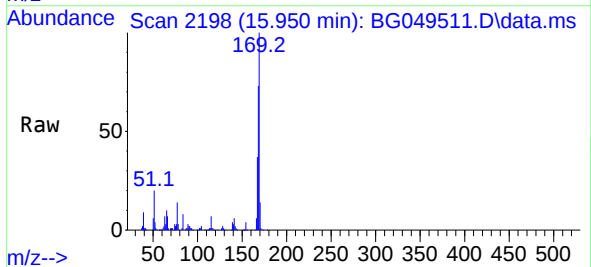
Manual Integrations
APPROVED

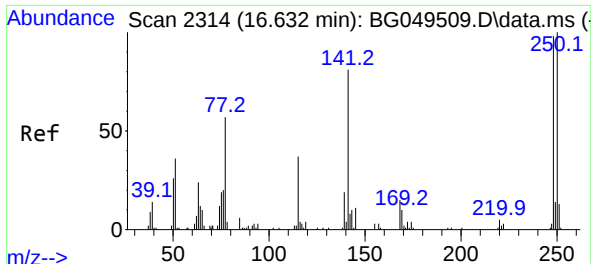
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#67
N-Nitrosodiphenylamine
Concen: 42.179 ng/ul
RT: 15.950 min Scan# 2198
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

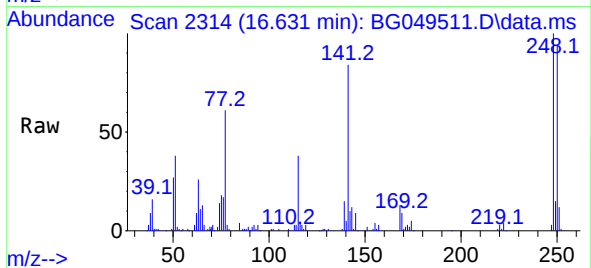
Tgt Ion:	169	Resp:	163291
Ion Ratio	Lower	Upper	
169	100		
168	73.2	57.3	85.9
167	36.7	29.7	44.5





#68
4-Bromophenyl-phenylether
Concen: 41.555 ng/ul
RT: 16.631 min Scan# 2314
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

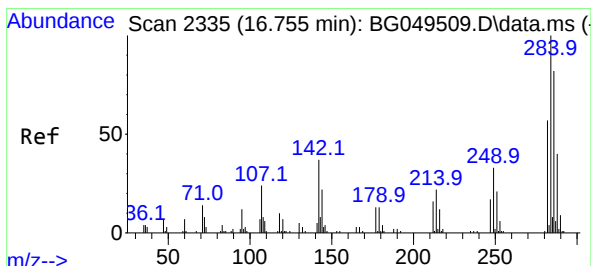
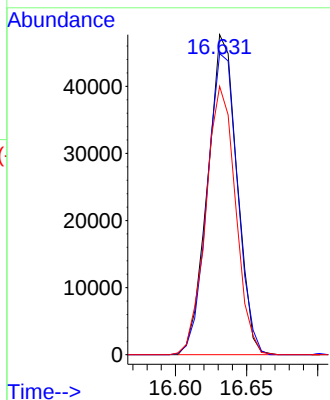
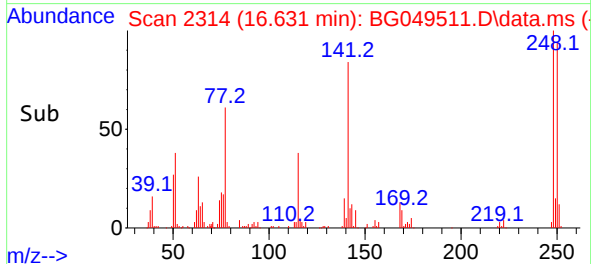
Instrument :
BNA_G
ClientSampled :
SLCS903



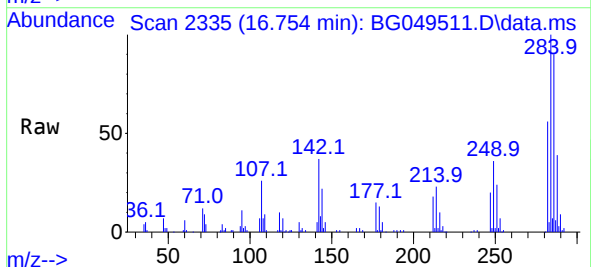
Tgt Ion:248 Resp: 68351
Ion Ratio Lower Upper
248 100
250 94.1 78.1 117.1
141 83.9 72.6 109.0

Manual Integrations
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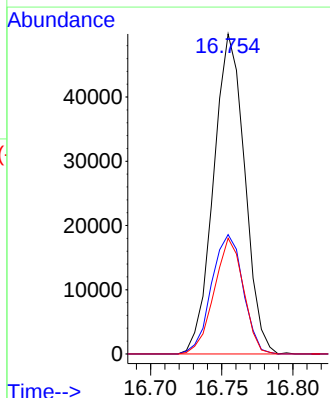
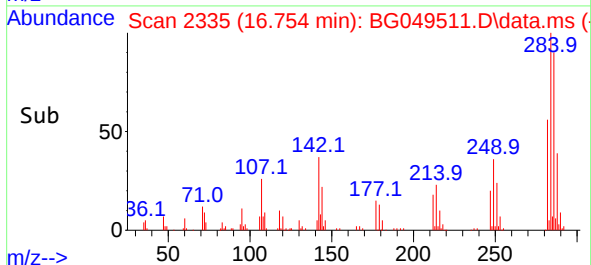
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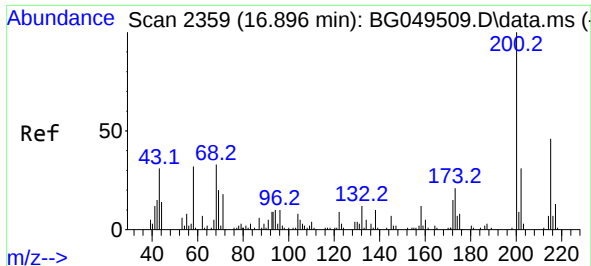


#69
Hexachlorobenzene
Concen: 40.774 ng/ul
RT: 16.754 min Scan# 2335
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

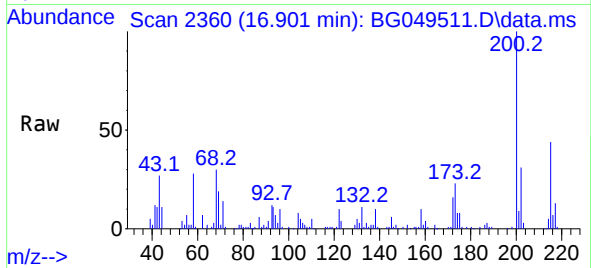


Tgt Ion:284 Resp: 75881
Ion Ratio Lower Upper
284 100
142 37.3 30.9 46.3
249 36.1 25.5 38.3

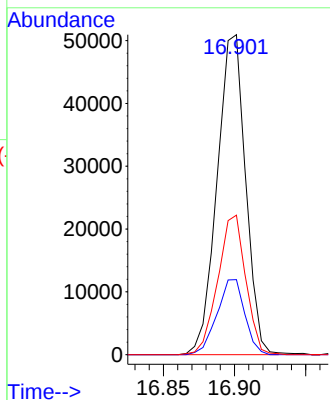
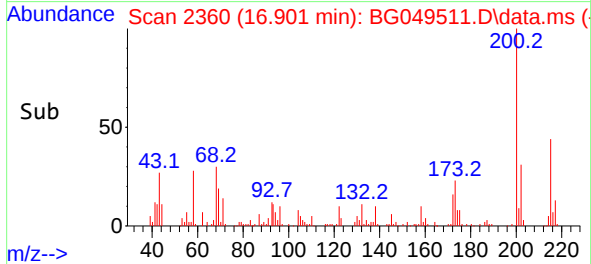




#70
Atrazine
Concen: 40.193 ng/ul
RT: 16.901 min Scan# 2360
Delta R.T. 0.011 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



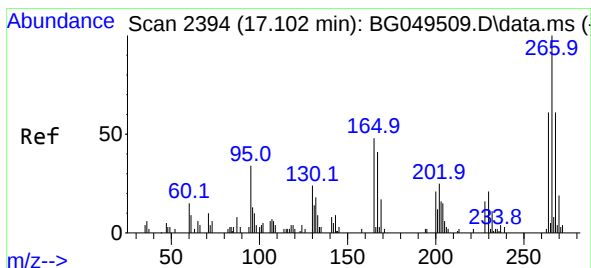
Tgt Ion:200 Resp: 71068
Ion Ratio Lower Upper
200 100
173 23.5 17.6 26.4
215 43.6 33.5 50.3



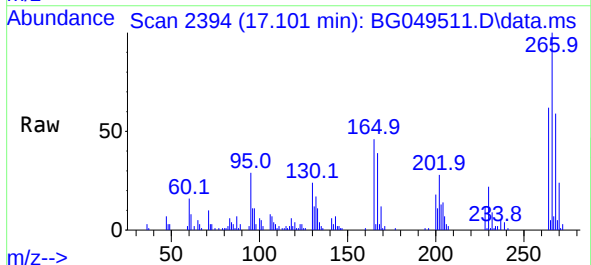
Instrument :
BNA_G
ClientSampled :
SLCS903

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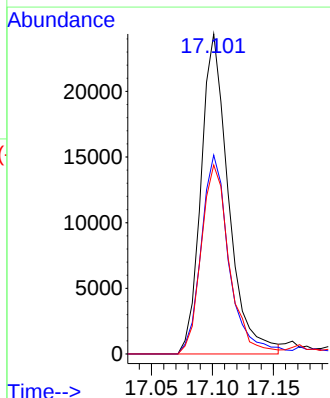
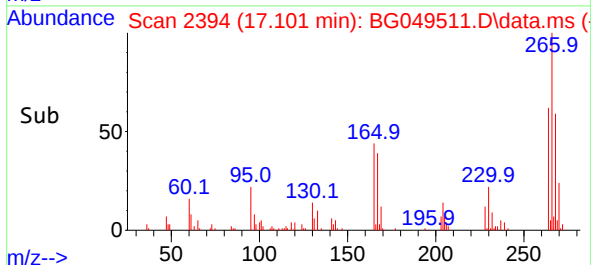
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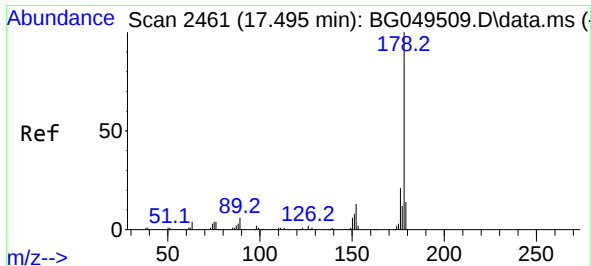


#71
Pentachlorophenol
Concen: 44.221 ng/ul
RT: 17.101 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

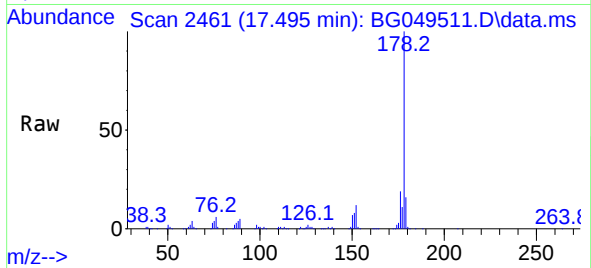


Tgt Ion:266 Resp: 38105
Ion Ratio Lower Upper
266 100
264 62.2 43.8 65.6
268 59.1 46.2 69.4

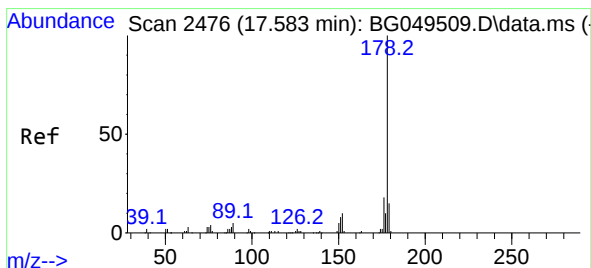
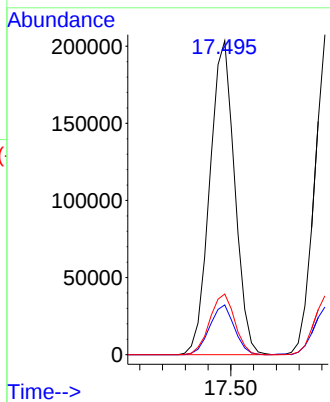
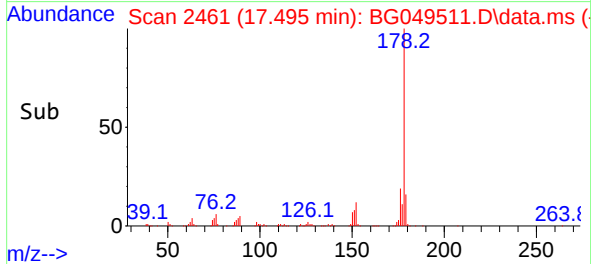




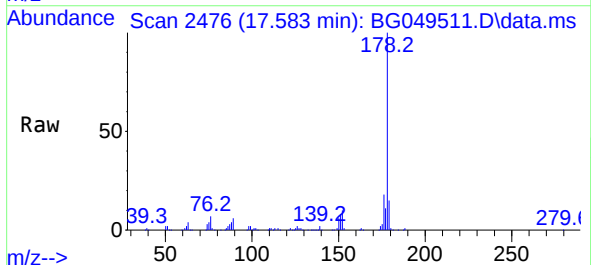
#72
Phenanthrene
Concen: 40.133 ng/u1
RT: 17.495 min Scan# 2461
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



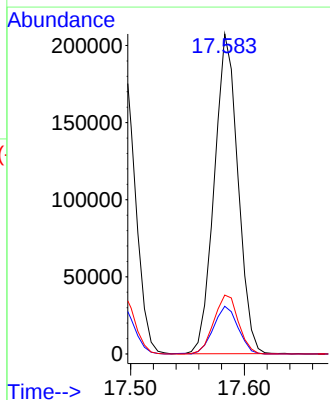
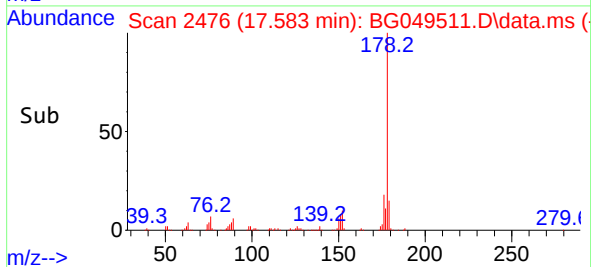
Tgt Ion:178 Resp: 308637
Ion Ratio Lower Upper
178 100
179 15.9 13.2 19.8
176 19.3 15.0 22.6



#74
Anthracene
Concen: 38.447 ng/u1
RT: 17.583 min Scan# 2476
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



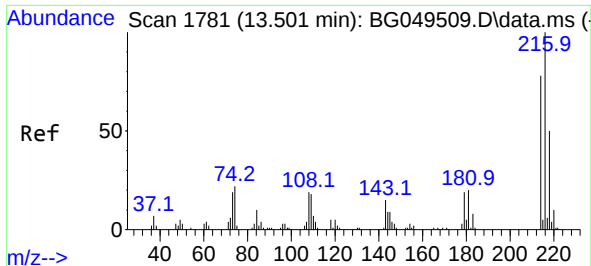
Tgt Ion:178 Resp: 299620
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 18.4 15.6 23.4



Instrument :
BNA_G
ClientSampleId :
SLCS903

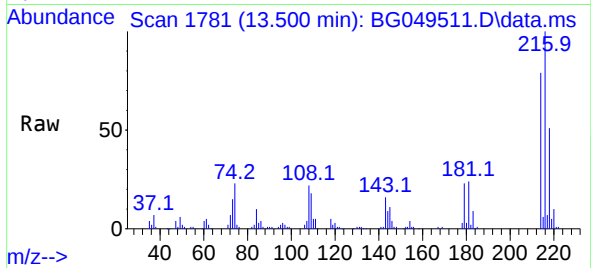
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.978 ng/uL
RT: 13.500 min Scan# 1781
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

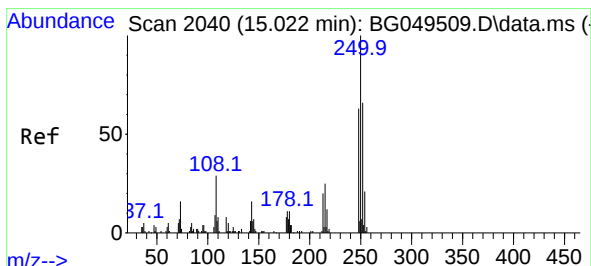
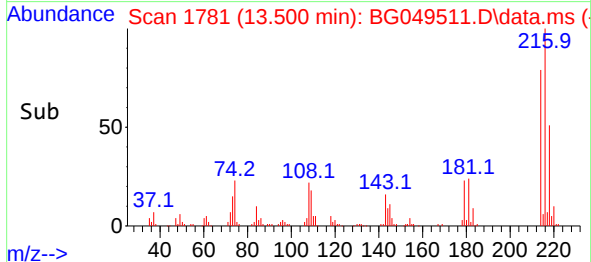
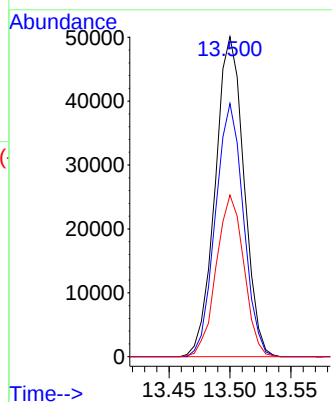
Instrument :
BNA_G
ClientSampled :
SLCS903



Tgt Ion:216 Resp: 82256
Ion Ratio Lower Upper
216 100
214 79.1 60.7 91.1
218 50.5 40.2 60.4

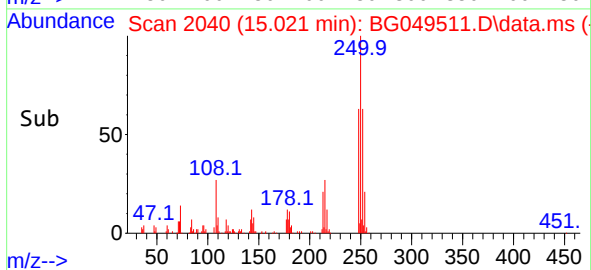
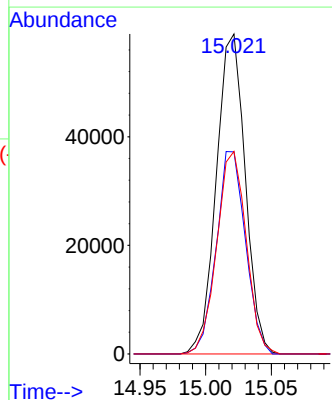
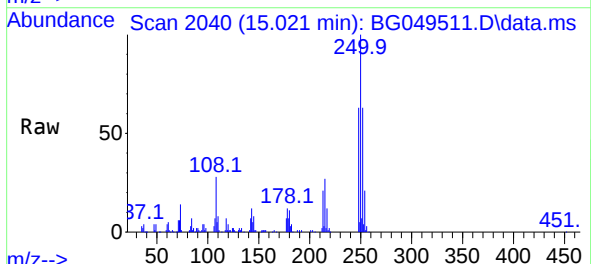
Manual Integrations
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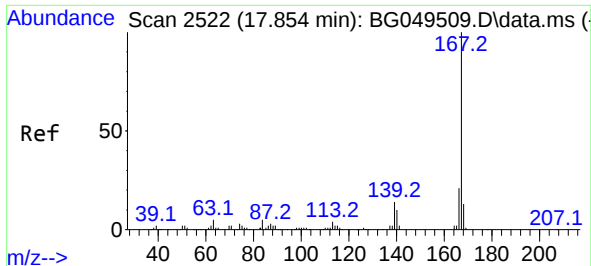
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#76
Pentachlorobenzene
Concen: 42.441 ng/uL
RT: 15.021 min Scan# 2040
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

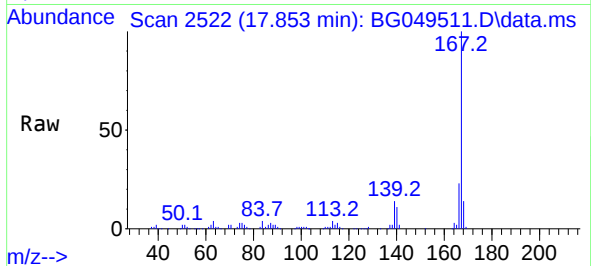
Tgt Ion:250 Resp: 90137
Ion Ratio Lower Upper
250 100
248 63.1 48.3 72.5
252 63.3 52.6 78.8





#77
 Carbazole
 Concen: 38.312 ng/ul
 RT: 17.853 min Scan# 2522
 Delta R.T. 0.005 min
 Lab File: BG049511.D
 Acq: 27 Jul 2021 17:17

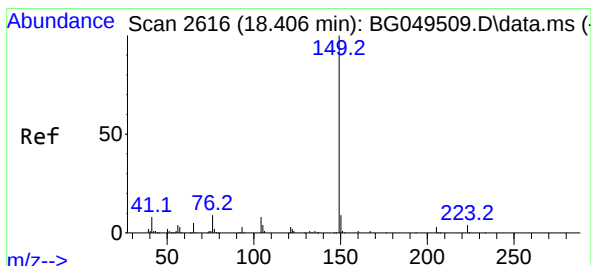
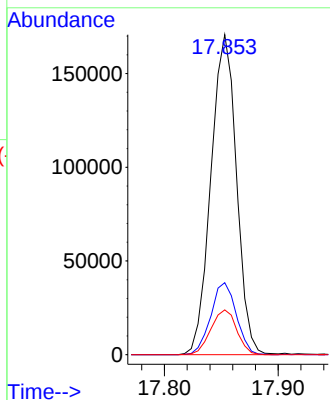
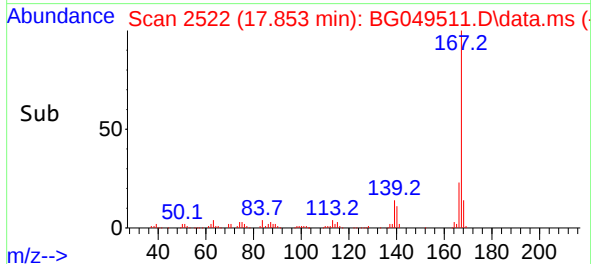
Instrument :
 BNA_G
 ClientSampleId :
 SLCS903



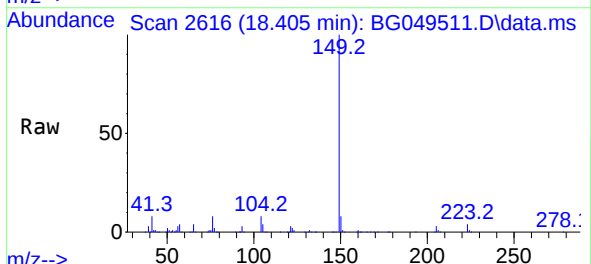
Tgt Ion:167 Resp: 266928
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 14.0 11.4 17.2

Manual Integrations
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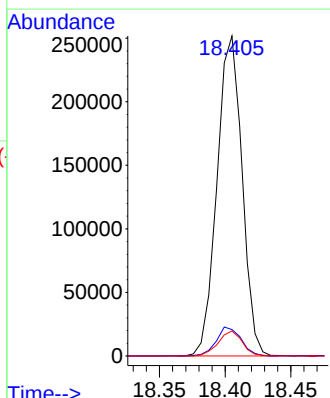
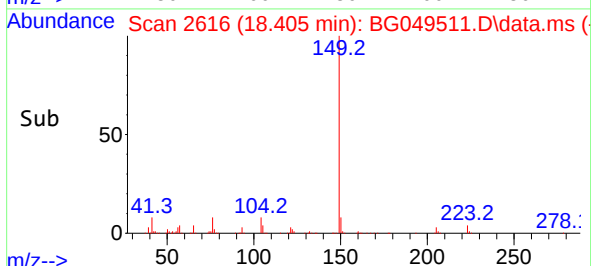
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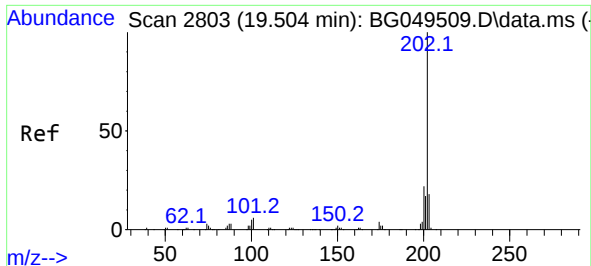


#78
 Di-n-butylphthalate
 Concen: 38.602 ng/ul
 RT: 18.405 min Scan# 2616
 Delta R.T. 0.005 min
 Lab File: BG049511.D
 Acq: 27 Jul 2021 17:17

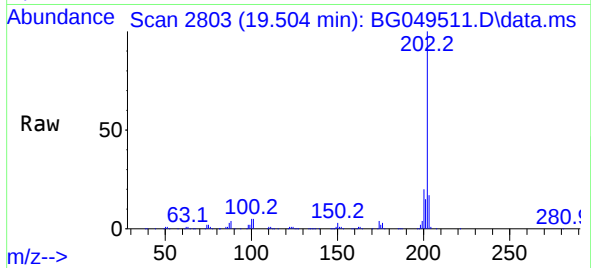


Tgt Ion:149 Resp: 334448
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.5 11.3
 104 7.8 5.6 8.4

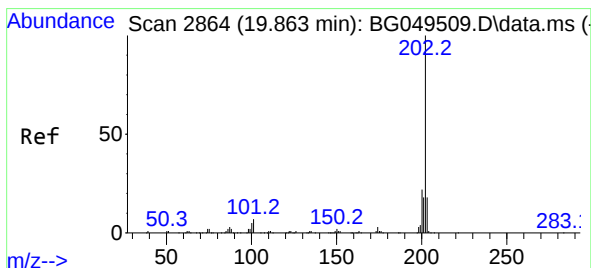
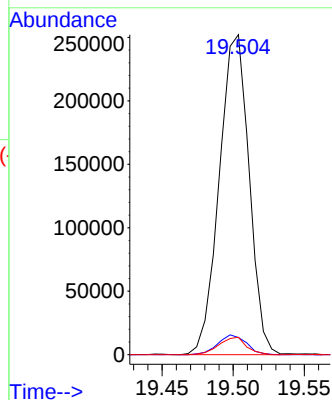
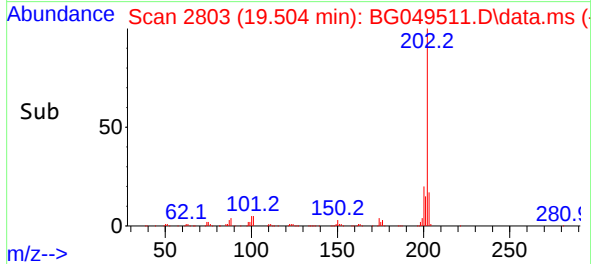




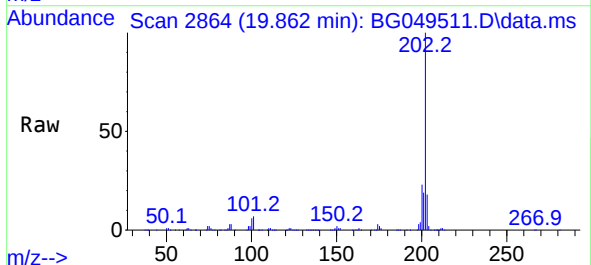
#80
Fluoranthene
Concen: 44.037 ng/u1
RT: 19.504 min Scan# 2803
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



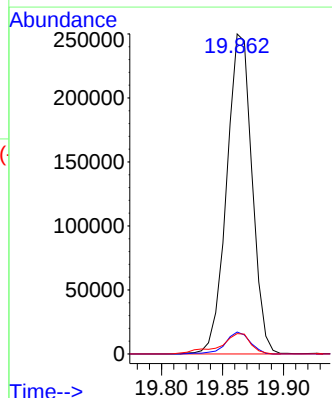
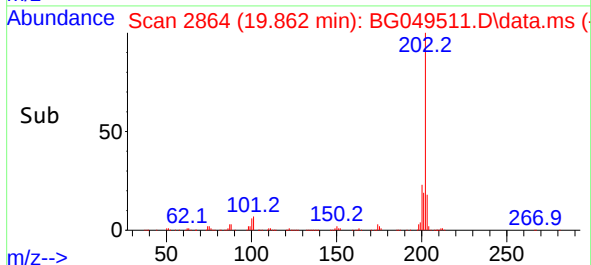
Tgt Ion:202 Resp: 368613
Ion Ratio Lower Upper
202 100
101 5.3 4.3 6.5
100 5.4 3.8 5.6



#82
Pyrene
Concen: 43.510 ng/u1
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



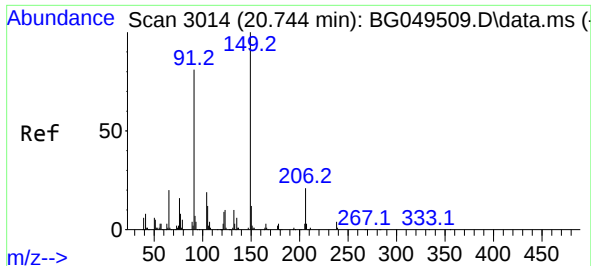
Tgt Ion:202 Resp: 361593
Ion Ratio Lower Upper
202 100
101 6.8 5.3 7.9
100 6.4 4.7 7.1



Instrument :
BNA_G
ClientSampleId :
SLCS903

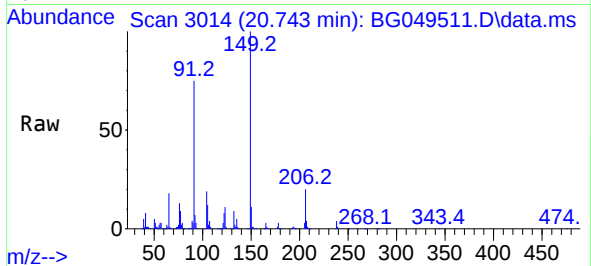
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#83
Butylbenzylphthalate
Concen: 43.981 ng/ul
RT: 20.743 min Scan# 3014
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

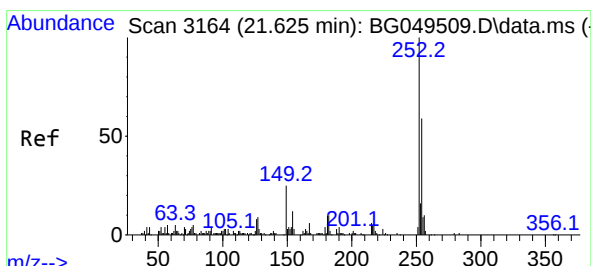
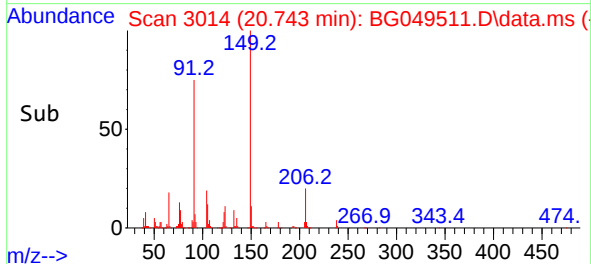
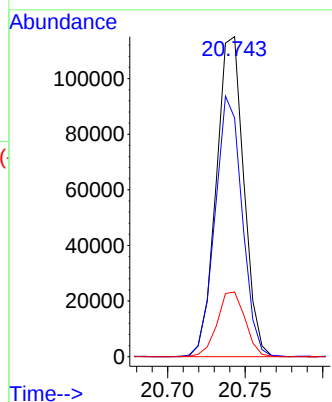
Instrument :
BNA_G
ClientSampleId :
SLCS903



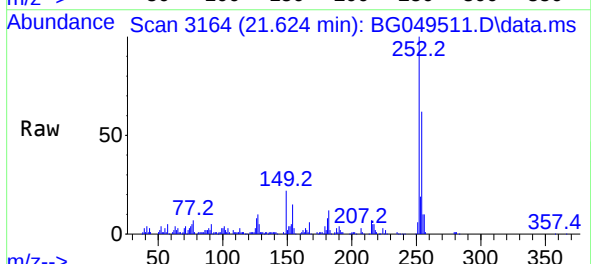
Tgt Ion:149 Resp: 142303
Ion Ratio Lower Upper
149 100
91 74.6 67.7 101.5
206 20.2 16.7 25.1

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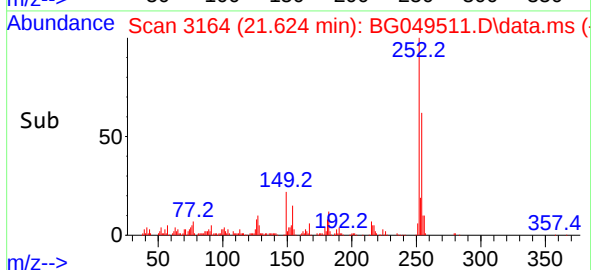
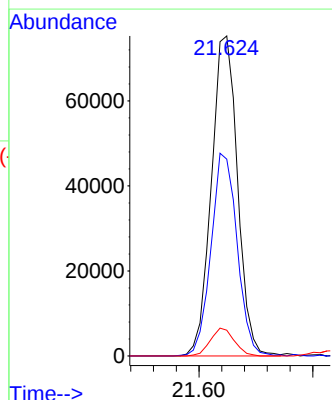
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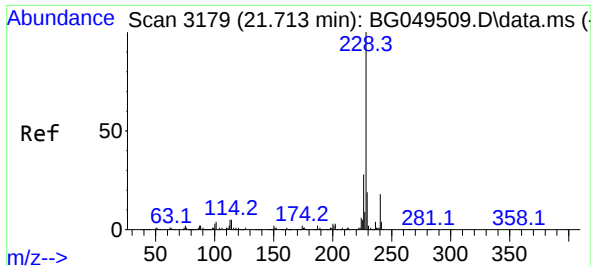


#84
3,3'-Dichlorobenzidine
Concen: 38.854 ng/ul
RT: 21.624 min Scan# 3164
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



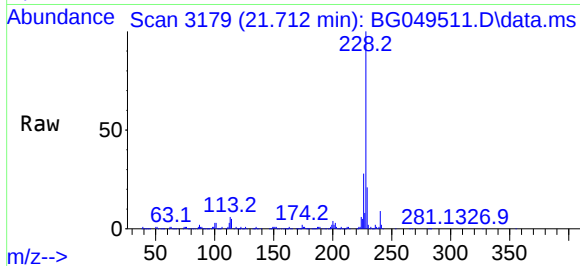
Tgt Ion:252 Resp: 120359
Ion Ratio Lower Upper
252 100
254 61.5 50.2 75.4
126 8.1 5.8 8.6





#85
Benzo(a)anthracene
Concen: 41.024 ng/ul
RT: 21.712 min Scan# 3179
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

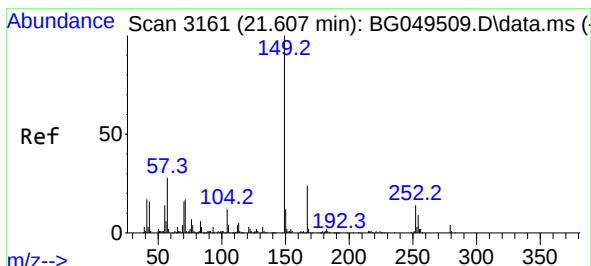
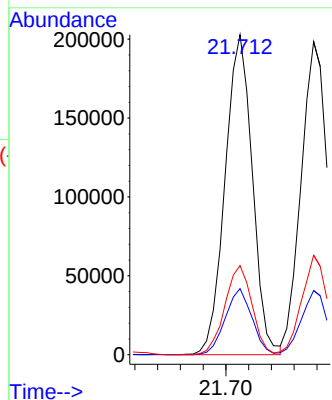
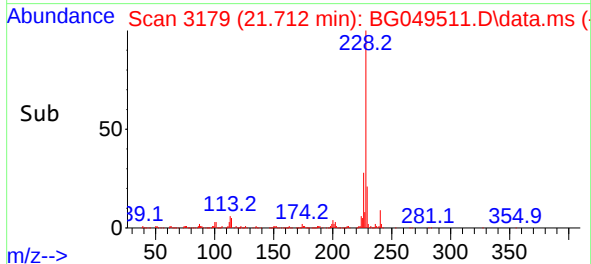
Instrument :
BNA_G
ClientSampleId :
SLCS903



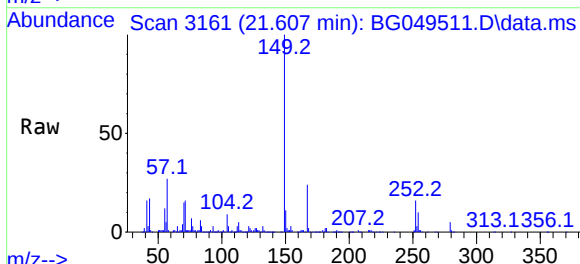
Tgt Ion:228 Resp: 338147
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.2
226 27.8 21.1 31.7

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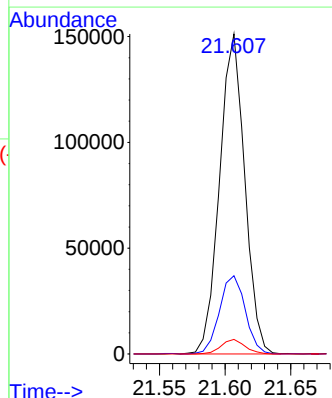
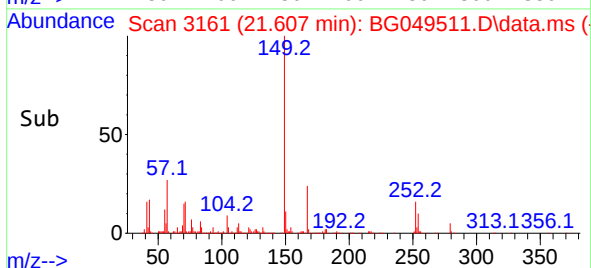
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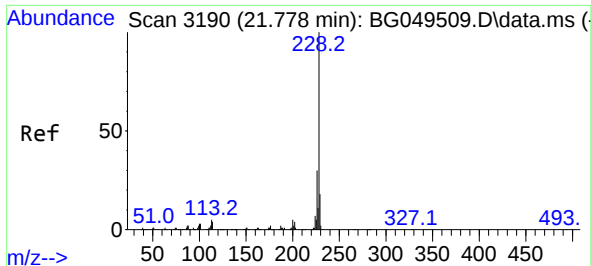


#86
Bis(2-ethylhexyl)phthalate
Concen: 41.931 ng/ul
RT: 21.607 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



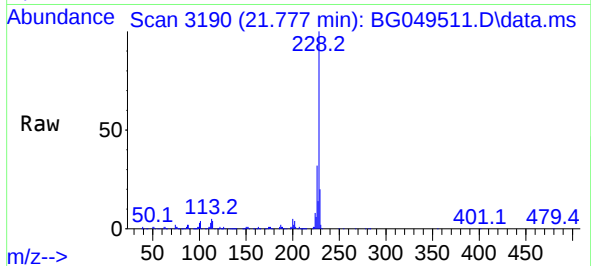
Tgt Ion:149 Resp: 201345
Ion Ratio Lower Upper
149 100
167 24.4 20.9 31.3
279 4.5 3.6 5.4





#87
Chrysene
Concen: 40.697 ng/ul
RT: 21.777 min Scan# 3190
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

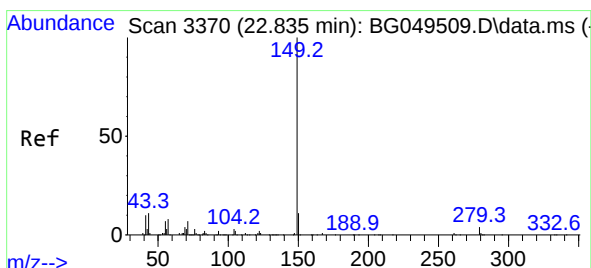
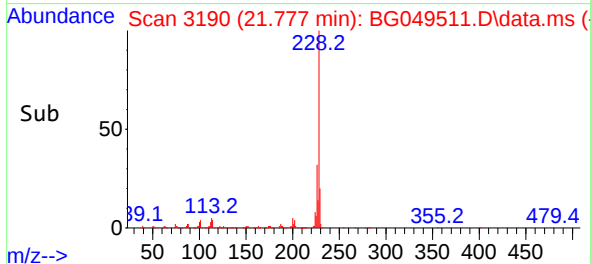
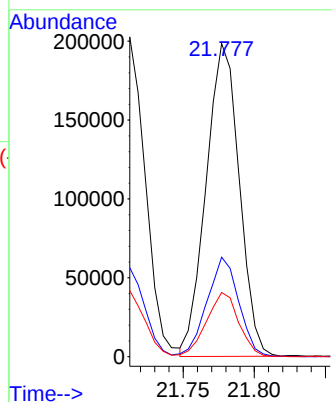
Instrument :
BNA_G
ClientSampleId :
SLCS903



Tgt Ion:228 Resp: 321076
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 20.5 14.9 22.3

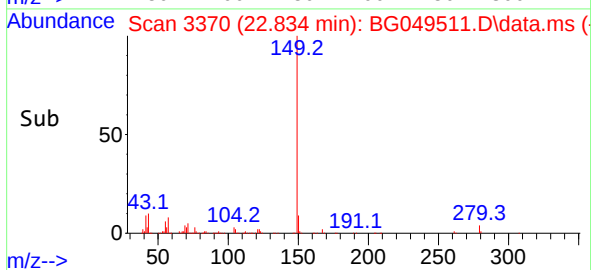
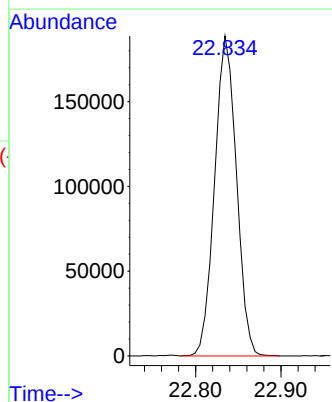
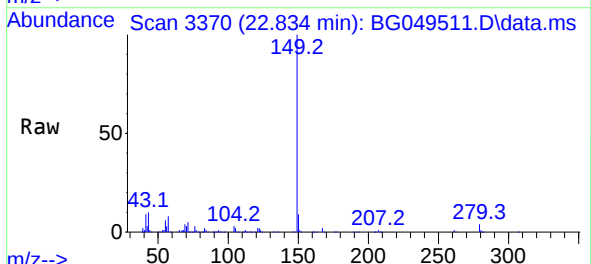
Manual Integrations
APPROVED

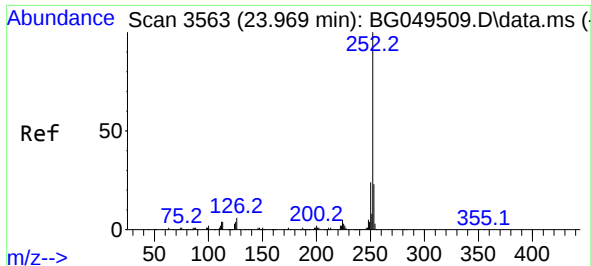
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#89
Di-n-octyl phthalate
Concen: 41.309 ng/ul
RT: 22.834 min Scan# 3370
Delta R.T. -0.001 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:149 Resp: 335363





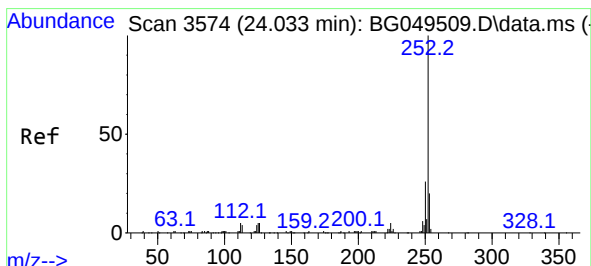
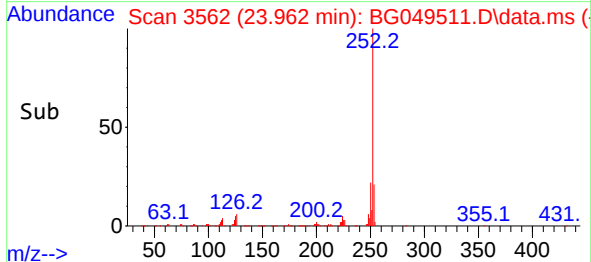
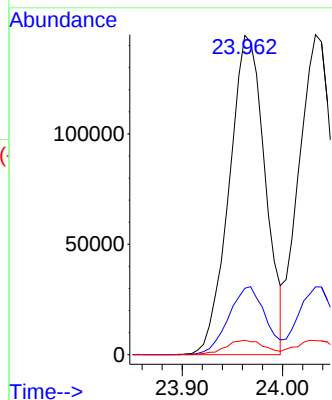
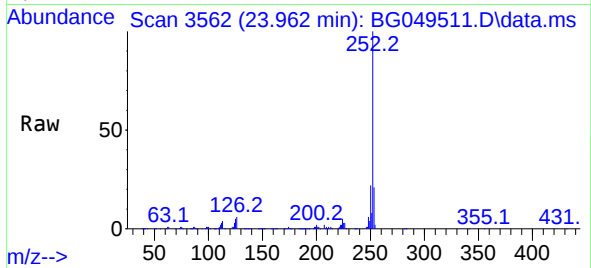
#90
Benzo(b)fluoranthene
Concen: 41.764 ng/ul
RT: 23.962 min Scan# 3562
Delta R.T. 0.005 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

Tgt Ion:252 Resp: 361528
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 4.5 4.5 6.7

Instrument :
BNA_G
ClientSampleId :
SLCS903

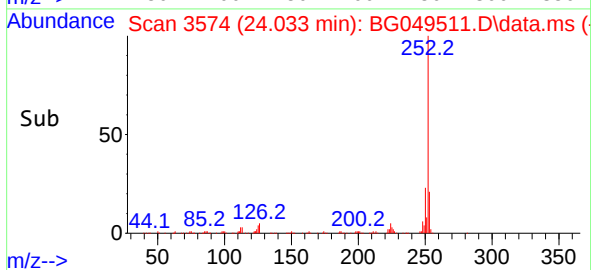
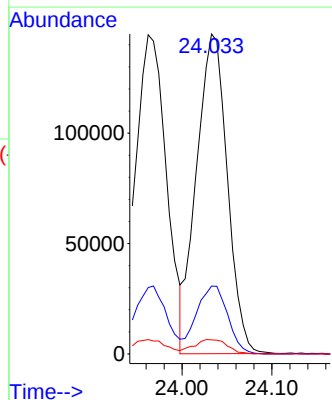
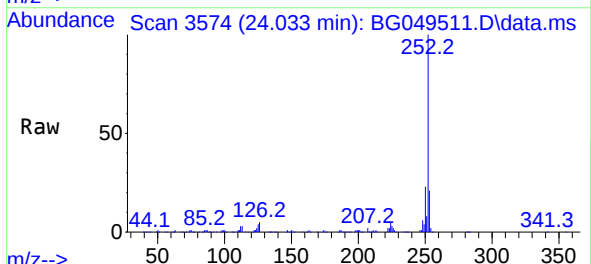
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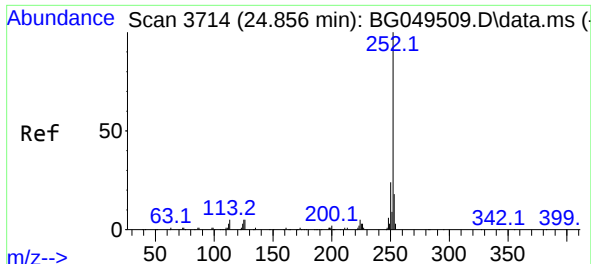
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#91
Benzo(k)fluoranthene
Concen: 40.712 ng/ul
RT: 24.033 min Scan# 3574
Delta R.T. 0.011 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

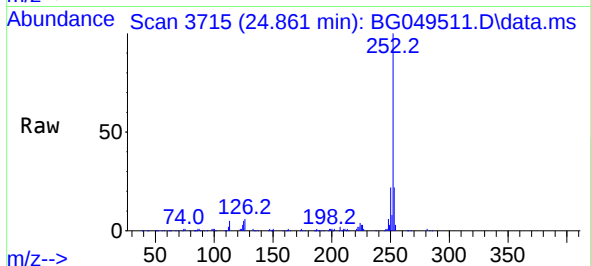
Tgt Ion:252 Resp: 344910
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 4.4 4.6 7.0#





#93
Benzo(a)pyrene
Concen: 41.686 ng/ul
RT: 24.861 min Scan# 3715
Delta R.T. 0.023 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

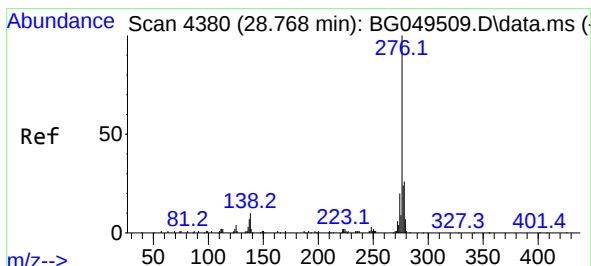
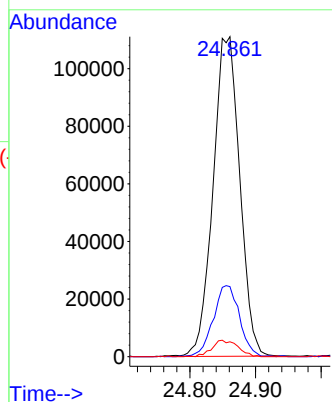
Instrument :
BNA_G
ClientSampleId :
SLCS903



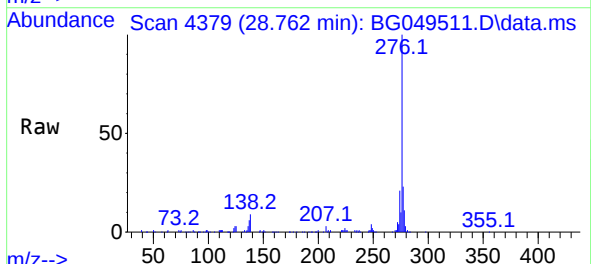
Tgt Ion:252 Resp: 313052
Ion Ratio Lower Upper
252 100
253 21.9 16.4 24.6
125 4.6 4.6 6.8

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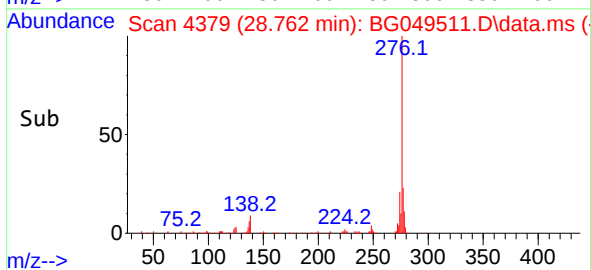
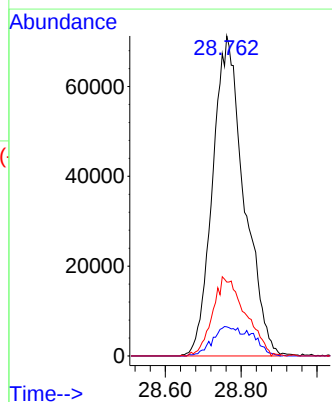
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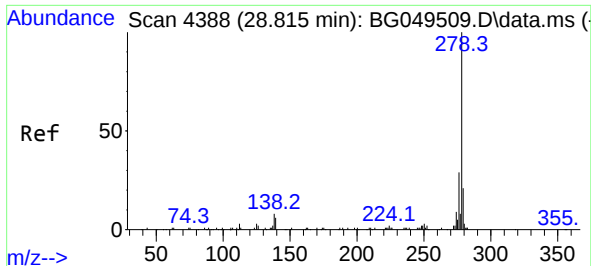


#94
Indeno(1,2,3-cd)pyrene
Concen: 42.979 ng/ul
RT: 28.762 min Scan# 4379
Delta R.T. 0.023 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



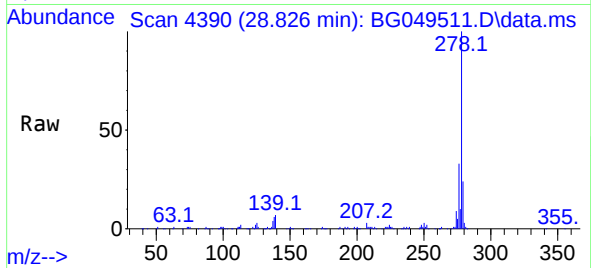
Tgt Ion:276 Resp: 411835
Ion Ratio Lower Upper
276 100
138 9.1 7.3 10.9
277 23.1 19.2 28.8





#95
Dibenzo(a,h)anthracene
Concen: 42.817 ng/ul
RT: 28.826 min Scan# 4390
Delta R.T. 0.029 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17

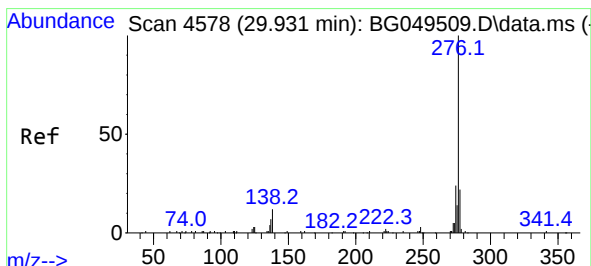
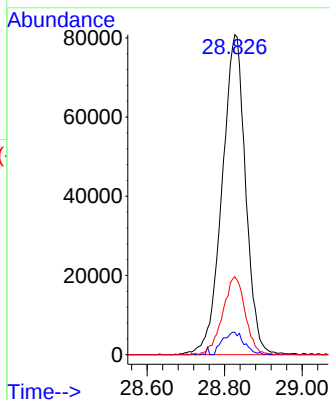
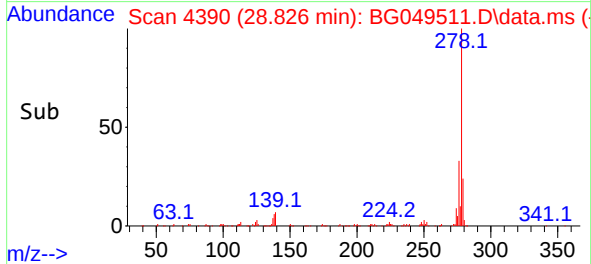
Instrument :
BNA_G
ClientSampleId :
SLCS903



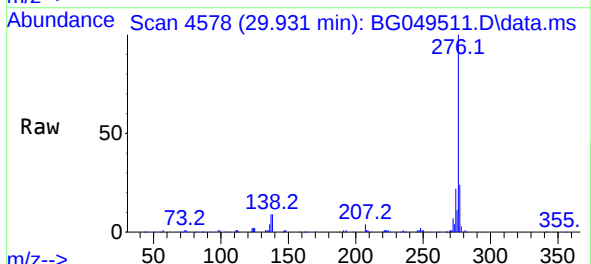
Tgt Ion:278 Resp: 339517
Ion Ratio Lower Upper
278 100
139 7.0 6.8 10.2
279 24.4 19.7 29.5

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#96
Benzo(g,h,i)perylene
Concen: 42.649 ng/ul
RT: 29.931 min Scan# 4578
Delta R.T. 0.029 min
Lab File: BG049511.D
Acq: 27 Jul 2021 17:17



Tgt Ion:276 Resp: 339770
Ion Ratio Lower Upper
276 100
138 8.9 10.8 16.2#
277 23.8 20.6 31.0

