

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049984.D
 Acq On : 26 Aug 2021 20:55
 Operator : CG/JU
 Sample : PB138723BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS723

Manual Integrations
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Quant Time: Aug 27 02:01:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	28507	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.787	136	112909	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.628	164	75264	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.384	188	154036	20.000	ng/u1	-0.01
79) Chrysene-d12	21.654	240	133981	20.000	ng/u1	-0.01
88) Perylene-d12	24.885	264	138370	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	3934	7.116	ng/uL	-0.01
4) Pyridine-d5	3.755	84	60542	36.358	ng/u1	-0.02
7) Phenol-d5	7.139	99	90511	37.390	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.291	67	49798	37.028	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.503	132	70848	39.115	ng/u1	-0.01
15) 4-Methylphenol-d8	8.695	113	70283	36.866	ng/u1	0.00
21) Nitrobenzene-d5	9.142	128	33529	38.303	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.870	143	40871	39.212	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.417	165	73658	39.620	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	90079	35.598	ng/u1	-0.01
46) Dimethylphthalate-d6	14.029	166	226388	39.303	ng/u1	-0.01
49) Acenaphthylene-d8	14.323	160	278667	41.262	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.858	143	27796	33.354	ng/u1	0.00
60) Fluorene-d10	15.627	176	190752	39.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	37412	37.752	ng/u1	-0.01
73) Anthracene-d10	17.483	188	281128	40.643	ng/u1	-0.01
81) Pyrene-d10	19.774	212	308616	42.625	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.662	264	283294	38.591	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	9479	14.065	ng/uL	98
5) Pyridine	3.773	79	64827	36.021	ng/u1	91
6) Benzaldehyde	7.098	77	59204	42.501	ng/u1	94
8) Phenol	7.168	94	95665	39.126	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.385	93	66374	39.324	ng/u1	94
12) 2-Chlorophenol	7.538	128	72658	40.595	ng/u1#	85
13) 2-Methylphenol	8.425	108	73259	38.836	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.502	45	70181	39.651	ng/u1#	94
16) Acetophenone	8.801	105	121466	39.068	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.783	70	61206	39.206	ng/u1	93
18) 4-Methylphenol	8.760	108	77256	38.069	ng/u1	87
19) Hexachloroethane	9.054	117	32354	41.305	ng/u1	96
22) Nitrobenzene	9.183	77	96782	40.803	ng/u1	97
23) Isophorone	9.712	82	171167	40.503	ng/u1	97
25) 2-Nitrophenol	9.900	139	42821	42.256	ng/u1	90
26) 2,4-Dimethylphenol	9.964	107	91670	40.704	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.187	93	91673	42.008	ng/u1	96
29) 2,4-Dichlorophenol	10.446	162	73507	43.079	ng/u1	96
30) Naphthalene	10.839	128	230672	40.874	ng/u1	98
32) 4-Chloroaniline	10.951	127	91919	37.719	ng/u1	91
33) Hexachlorobutadiene	11.121	225	58840	42.626	ng/u1	93
34) Caprolactam	11.727	113	22555m	37.735	ng/u1	
35) 4-Chloro-3-methylphenol	12.091	107	84948	41.655	ng/u1	99
36) 2-Methylnaphthalene	12.455	142	172952	41.227	ng/u1	97

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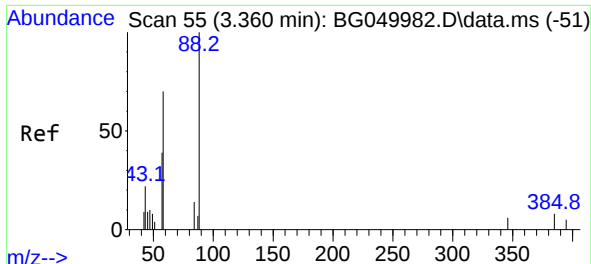
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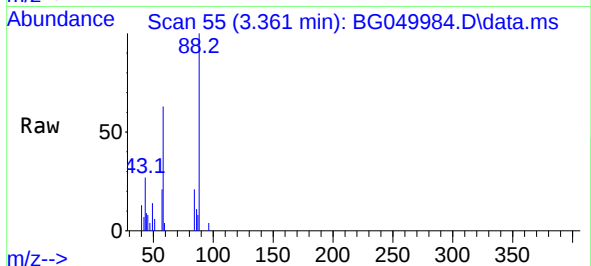
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.672	142	164157	38.767	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.819	216	97461	44.088	ng/ul#	93
40) Hexachlorocyclopentadiene	12.796	237	22469	22.711	ng/ul	89
41) 2,4,6-Trichlorophenol	13.066	196	61682	43.785	ng/ul	91
42) 2,4,5-Trichlorophenol	13.148	196	61343	41.547	ng/ul	94
43) 1,1'-Biphenyl	13.459	154	222765	42.365	ng/ul	98
44) 2-Chloronaphthalene	13.506	162	174164	41.236	ng/ul	99
45) 2-Nitroaniline	13.712	65	58616	40.876	ng/ul	92
47) Dimethylphthalate	14.076	163	228686	40.117	ng/ul	100
48) 2,6-Dinitrotoluene	14.206	165	49231	41.831	ng/ul	96
50) Acenaphthylene	14.352	152	255032	41.317	ng/ul	98
51) 3-Nitroaniline	14.540	138	43242	38.076	ng/ul#	93
52) Acenaphthene	14.693	153	187788	41.939	ng/ul	96
53) 2,4-Dinitrophenol	14.764	184	19291	32.093	ng/ul#	85
55) 4-Nitrophenol	14.869	109	36632	34.669	ng/ul	93
56) Dibenzofuran	15.028	168	248286	40.041	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	69163	40.855	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	51509	42.100	ng/ul#	91
59) Diethylphthalate	15.439	149	230359	39.502	ng/ul	96
61) Fluorene	15.680	166	208872	39.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.668	204	114113	41.226	ng/ul	96
63) 4-Nitroaniline	15.704	138	42162	37.202	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.774	198	34753	38.690	ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	179737	44.320	ng/ul	99
68) 4-Bromophenyl-phenylether	16.567	248	78086	45.825	ng/ul	93
69) Hexachlorobenzene	16.690	284	86373	43.896	ng/ul	99
70) Atrazine	16.837	200	77071	42.778	ng/ul	98
71) Pentachlorophenol	17.043	266	22119	26.547	ng/ul	91
72) Phenanthrene	17.425	178	332076	43.244	ng/ul	97
74) Anthracene	17.425	178	332076	42.674	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.430	216	101244	48.990	ng/ul	87
76) Pentachlorobenzene	14.952	250	97575	44.558	ng/ul	94
77) Carbazole	17.789	167	284104	41.029	ng/ul	100
78) Di-n-butylphthalate	18.335	149	349715	39.489	ng/ul	99
80) Fluoranthene	19.440	202	390759	43.736	ng/ul	99
82) Pyrene	19.804	202	378008	42.697	ng/ul	99
83) Butylbenzylphthalate	20.673	149	150896	43.190	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.549	252	132305	41.658	ng/ul#	99
85) Benzo(a)anthracene	21.637	228	355557	42.590	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.525	149	211967	44.178	ng/ul	99
87) Chrysene	21.701	228	338912	42.945	ng/ul	95
89) Di-n-octyl phthalate	22.735	149	344570	41.977	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	373138	42.158	ng/ul	99
91) Benzo(k)fluoranthene	23.928	252	349141	41.499	ng/ul	96
93) Benzo(a)pyrene	24.732	252	322801	41.995	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.586	276	414674	40.896	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.639	278	346728	40.848	ng/ul	95
96) Benzo(g,h,i)perylene	29.737	276	342394	40.165	ng/ul	99

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

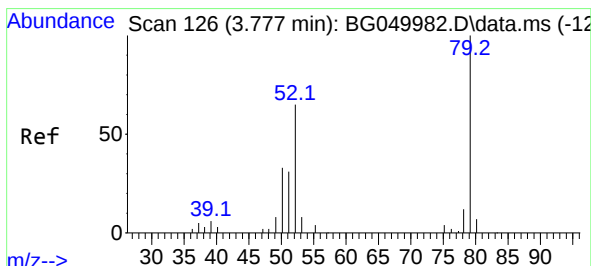
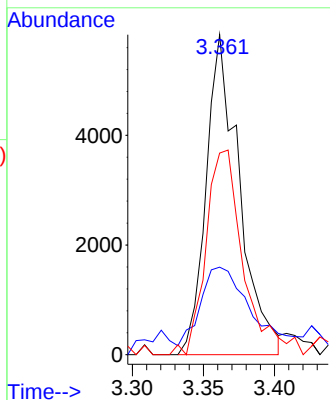
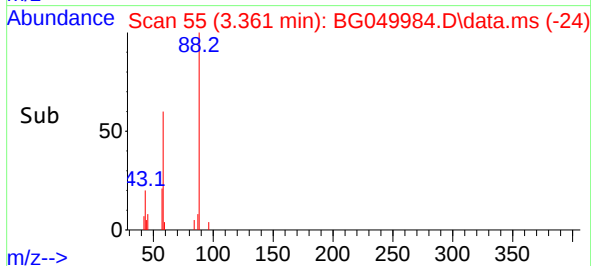


#2
1,4-Dioxane
Concen: 14.065 ng/uL
RT: 3.361 min Scan# 55
Delta R.T. -0.016 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

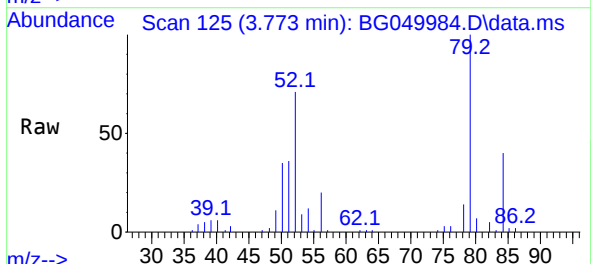


Tgt Ion: 88 Resp: 9479

Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.6	32.4
58	63.0	52.0	78.0

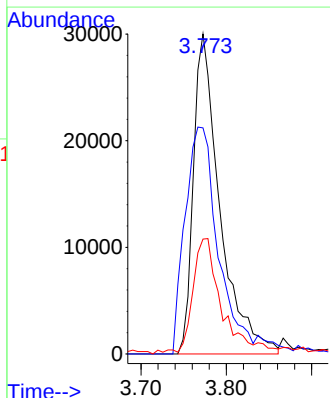
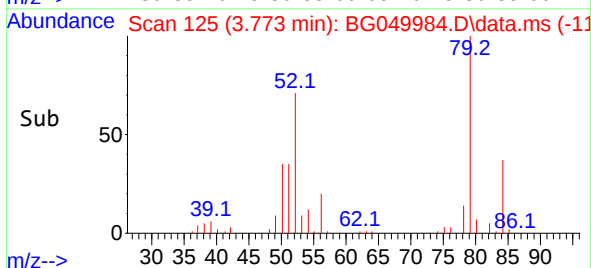


#5
Pyridine
Concen: 36.021 ng/uL
RT: 3.773 min Scan# 125
Delta R.T. -0.016 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



Tgt Ion: 79 Resp: 64827

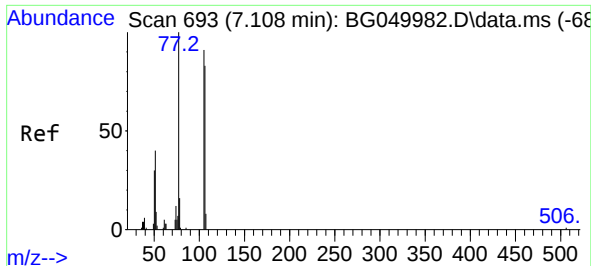
Ion	Ratio	Lower	Upper
79	100		
52	70.6	61.1	91.7
51	35.9	34.8	52.2



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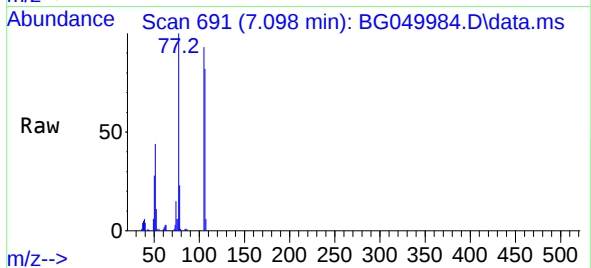


#6
Benzaldehyde
Concen: 42.501 ng/ul
RT: 7.098 min Scan# 691
Delta R.T. -0.022 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

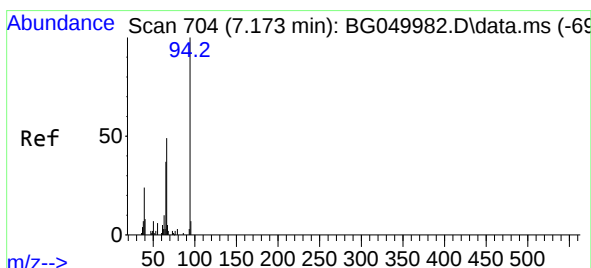
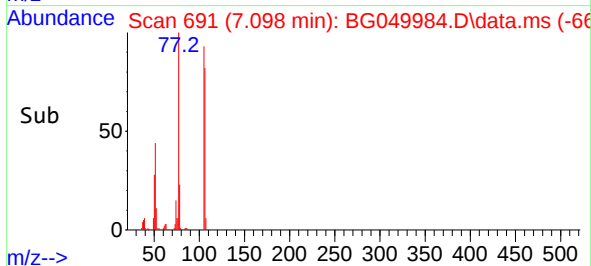
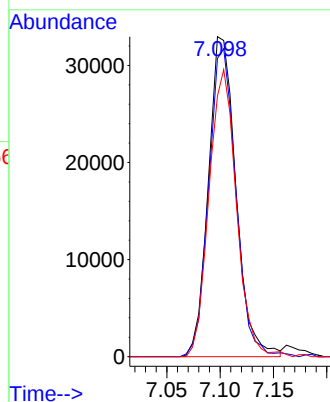
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ClientSampleId :
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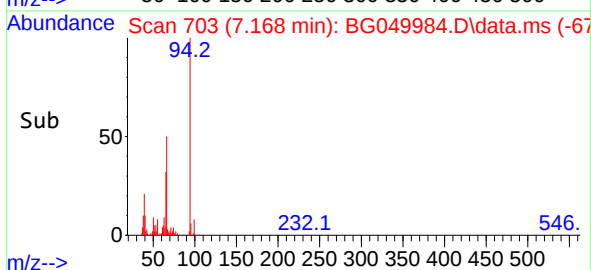
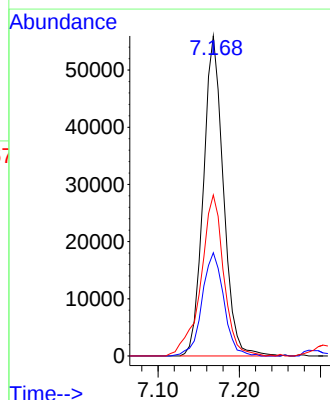
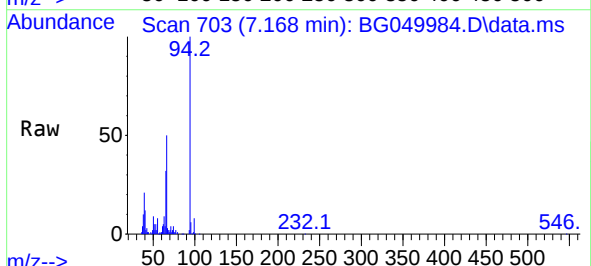


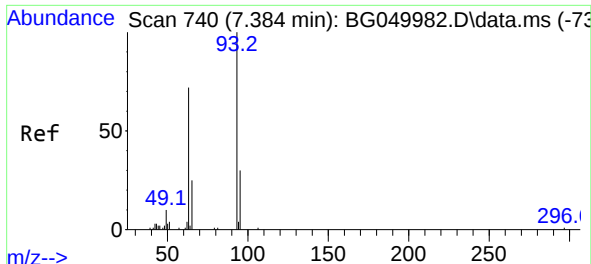
Tgt Ion: 77 Resp: 59204
Ion Ratio Lower Upper
77 100
105 93.2 72.3 108.5
106 81.5 72.3 108.5



#8
Phenol
Concen: 39.126 ng/ul
RT: 7.168 min Scan# 703
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

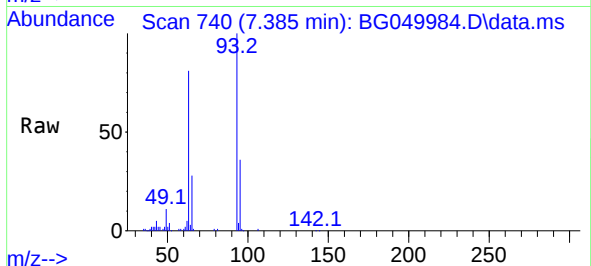
Tgt Ion: 94 Resp: 95665
Ion Ratio Lower Upper
94 100
65 32.3 27.7 41.5
66 50.3 39.0 58.4





#10
Bis(2-Chloroethyl)ether
Concen: 39.324 ng/ul
RT: 7.385 min Scan# 740
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

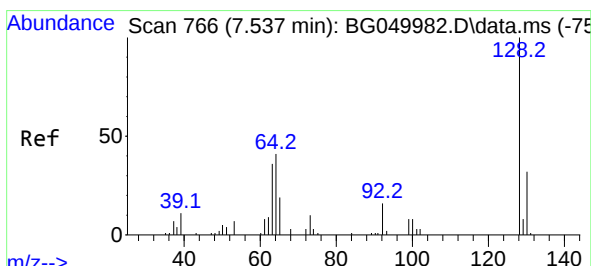
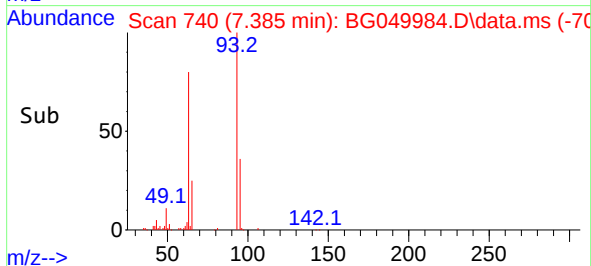
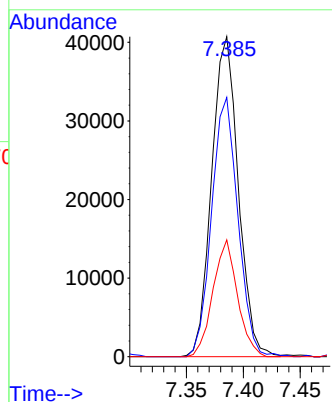
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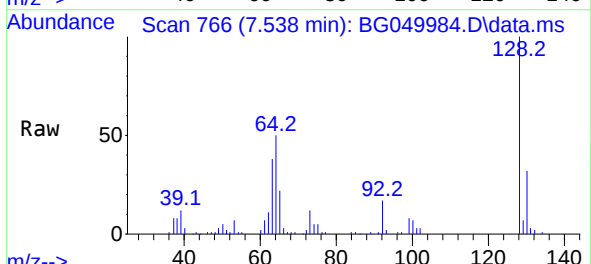
Tgt Ion:	93	Resp:	66374
Ion	Ratio	Lower	Upper
93	100		
63	81.0	59.9	89.9
95	36.5	27.6	41.4

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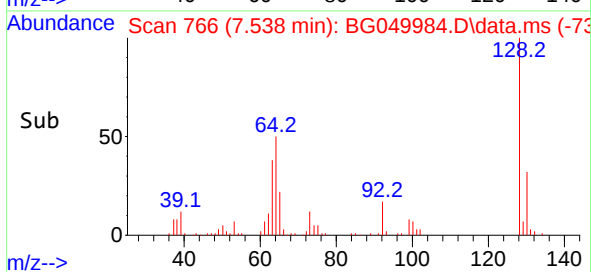
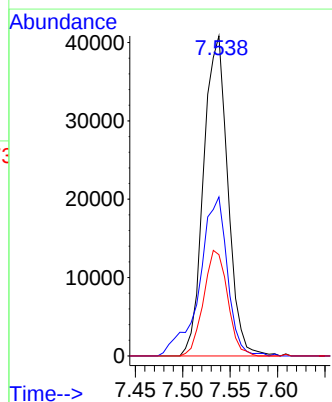
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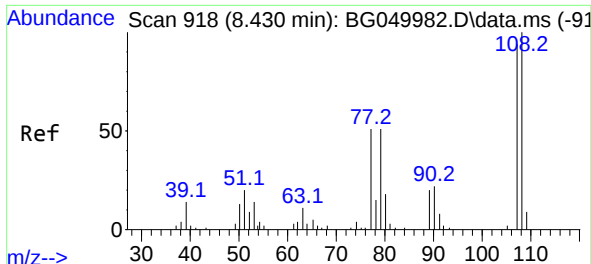


#12
2-Chlorophenol
Concen: 40.595 ng/ul
RT: 7.538 min Scan# 766
Delta R.T. -0.005 min
Lab File: BG049984.D
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Tgt Ion:	128	Resp:	72658
Ion	Ratio	Lower	Upper
128	100		
64	49.7	28.0	42.0#
130	31.6	24.4	36.6





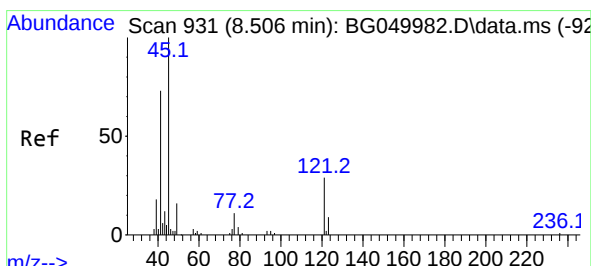
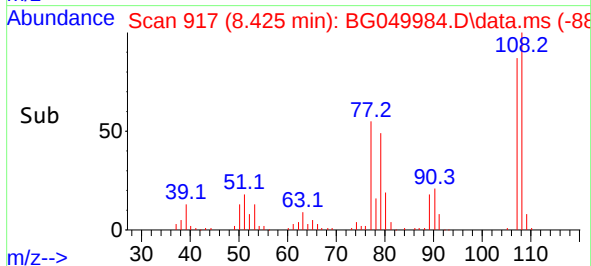
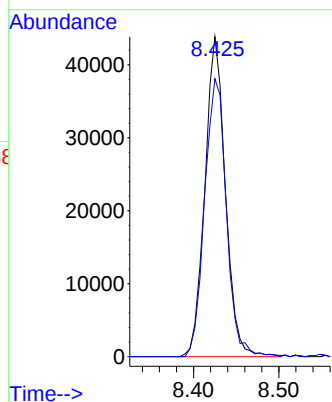
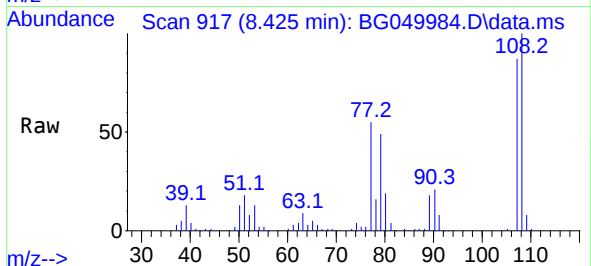
#13
2-Methylphenol
Concen: 38.836 ng/ul
RT: 8.425 min Scan# 917
Delta R.T. -0.005 min
Lab File: BG049984.D
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Tgt Ion:108 Resp: 73259
Ion Ratio Lower Upper
108 100
107 86.8 71.0 106.4

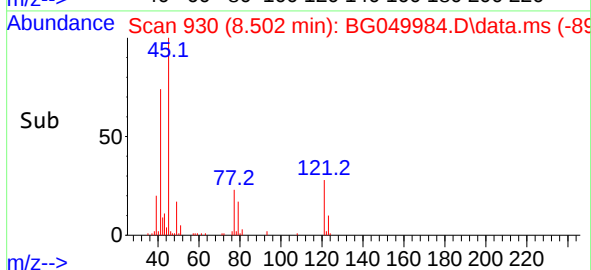
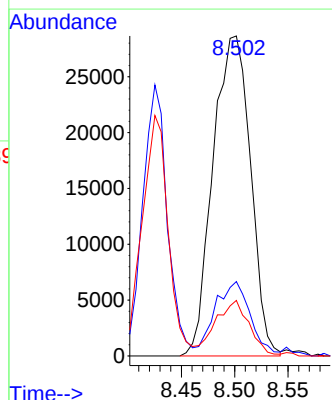
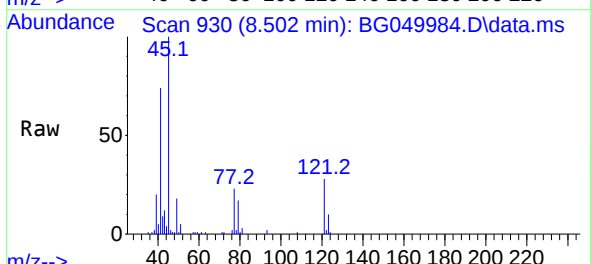
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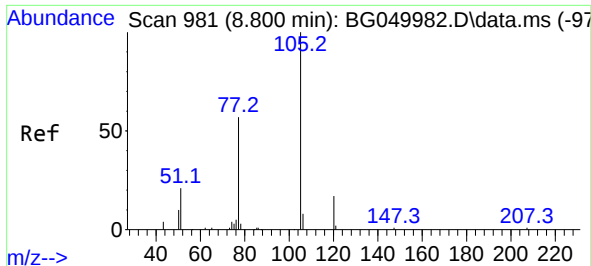
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.651 ng/ul
RT: 8.502 min Scan# 930
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

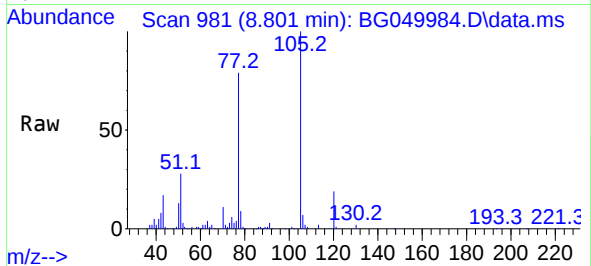
Tgt Ion: 45 Resp: 70181
Ion Ratio Lower Upper
45 100
77 23.3 16.9 25.3
79 17.4 11.0 16.4#





#16
Acetophenone
Concen: 39.068 ng/ul
RT: 8.801 min Scan# 981
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

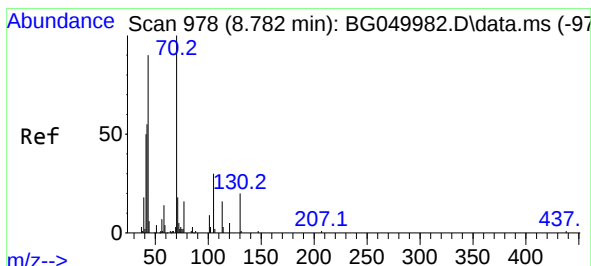
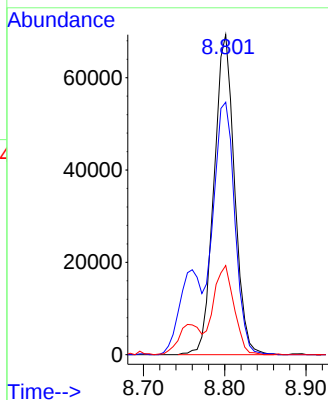
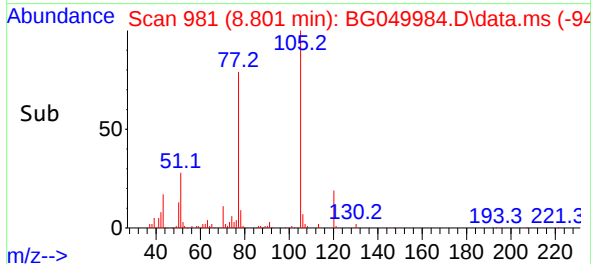
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ClientSampled :
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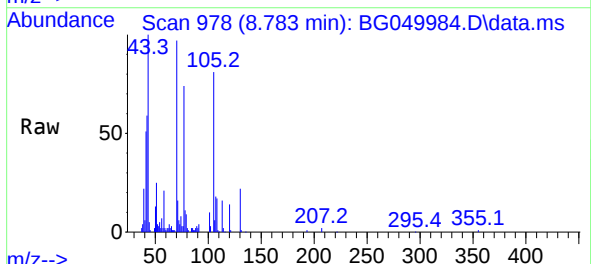
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Ion Ratio Lower Upper
105 100
77 78.9 67.7 101.5
51 27.8 25.3 37.9

Manual Integrations
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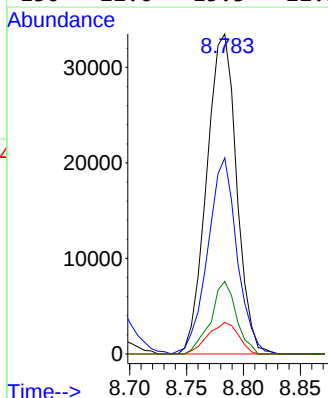
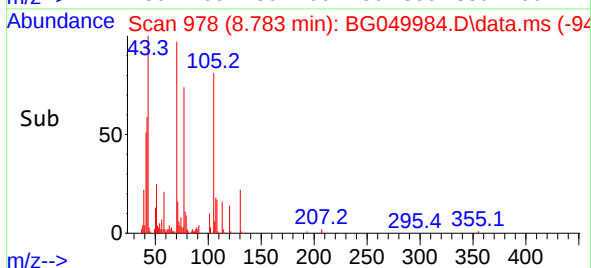
mohammad
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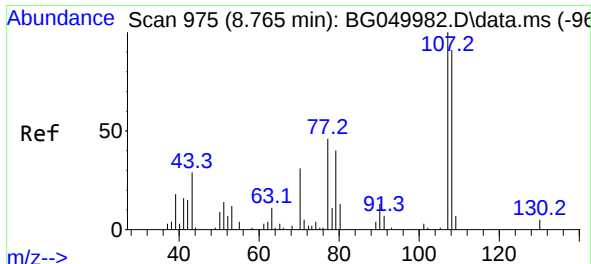


#17
N-Nitroso-di-n-propylamine
Concen: 39.206 ng/ul
RT: 8.783 min Scan# 978
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



Tgt Ion: 70 Resp: 61206
Ion Ratio Lower Upper
70 100
42 61.2 44.2 66.4
101 9.9 7.8 11.8
130 22.6 15.3 22.9





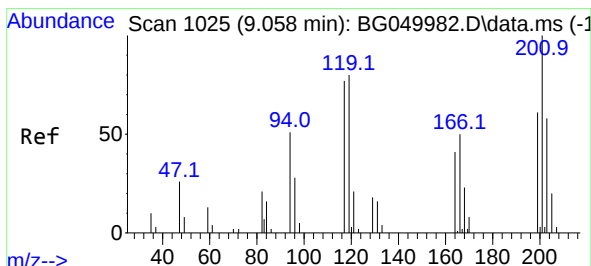
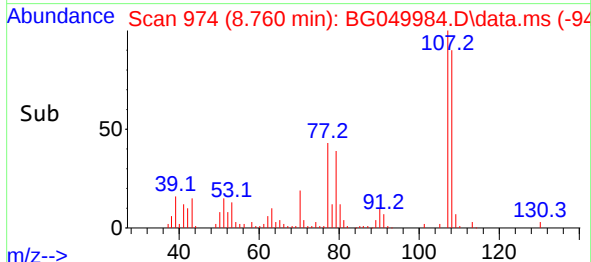
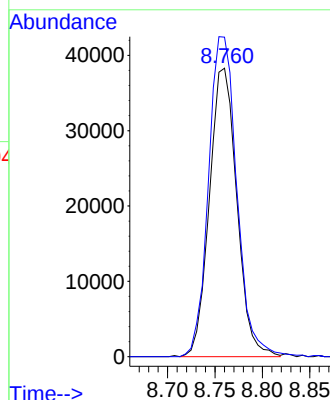
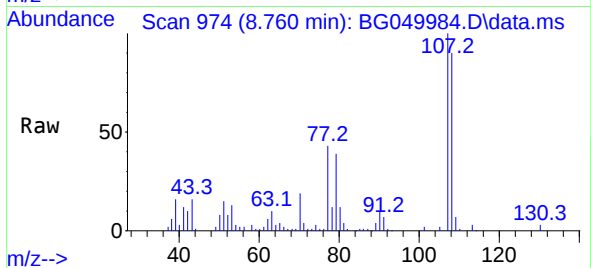
#18
4-Methylphenol
Concen: 38.069 ng/ul
RT: 8.760 min Scan# 974
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Instrument :
BNA_G
ClientSampled :
SLCS723

Tgt Ion:108 Resp: 77256
Ion Ratio Lower Upper
108 100
107 110.8 78.3 117.5

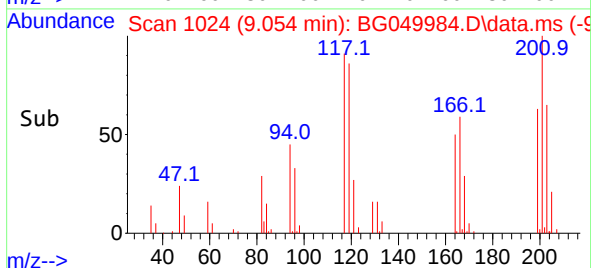
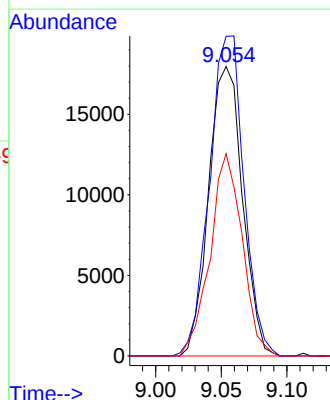
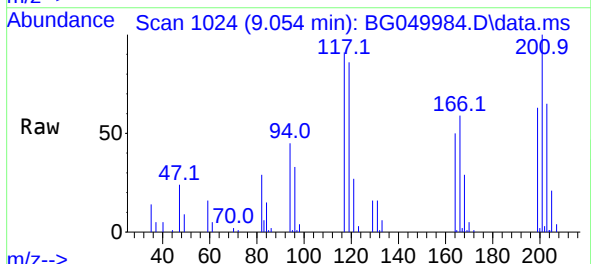
Manual Integrations
APPROVED

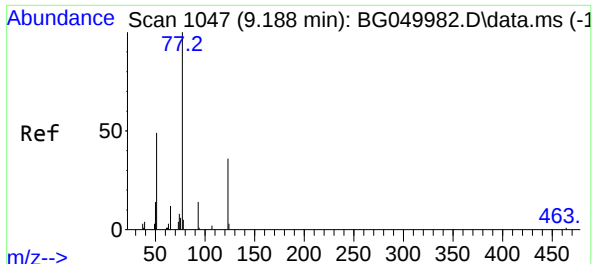
mohammad
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#19
Hexachloroethane
Concen: 41.305 ng/ul
RT: 9.054 min Scan# 1024
Delta R.T. -0.022 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

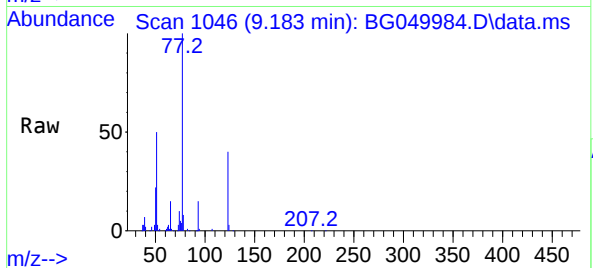
Tgt Ion:117 Resp: 32354
Ion Ratio Lower Upper
117 100
201 110.5 89.3 133.9
199 69.9 50.5 75.7





#22
Nitrobenzene
Concen: 40.803 ng/u1
RT: 9.183 min Scan# 1046
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

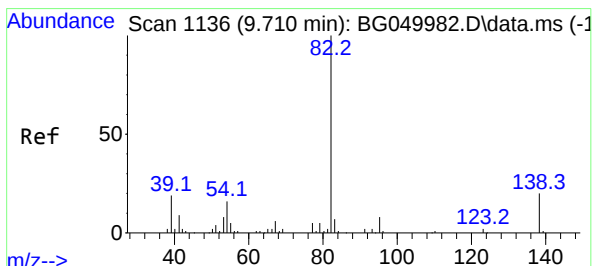
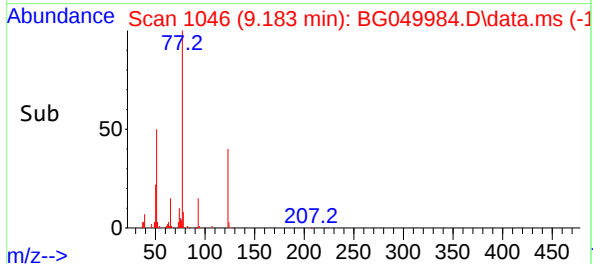
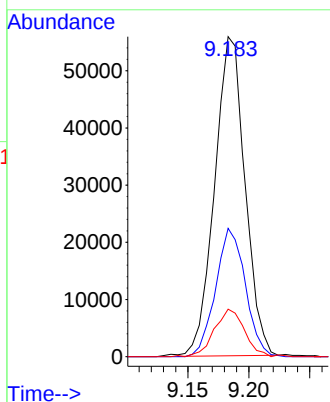
Instrument :
BNA_G
ClientSampled :
SLCS723



Tgt Ion: 77 Resp: 96782
Ion Ratio Lower Upper
77 100
123 40.1 30.4 45.6
65 14.8 11.3 16.9

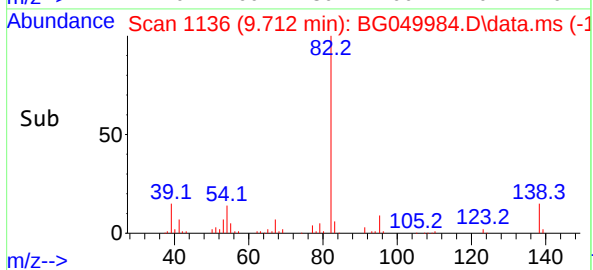
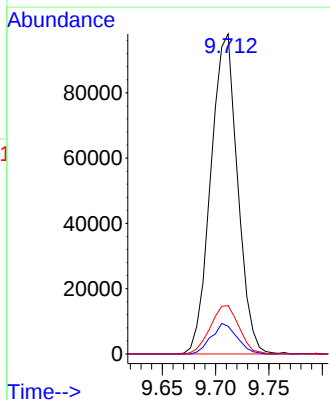
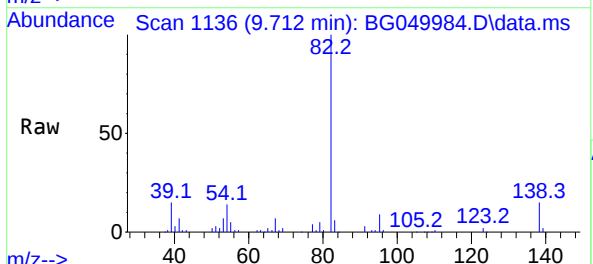
Manual Integrations
APPROVED

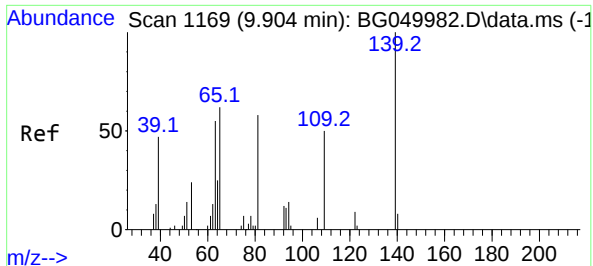
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#23
Isophorone
Concen: 40.503 ng/u1
RT: 9.712 min Scan# 1136
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion: 82 Resp: 171167
Ion Ratio Lower Upper
82 100
95 8.7 7.8 11.8
138 15.1 11.4 17.0





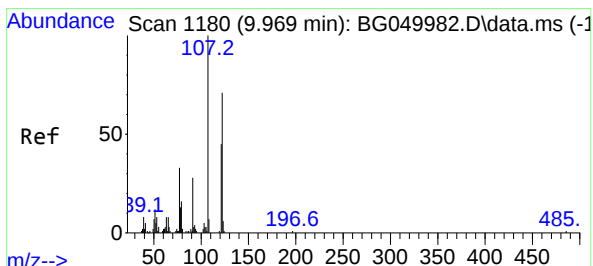
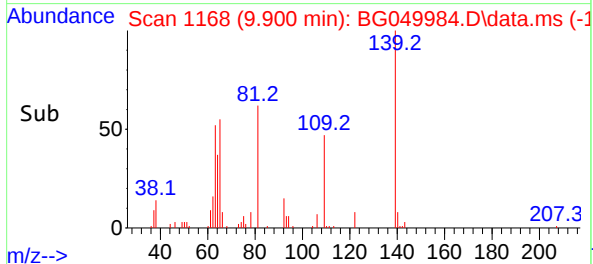
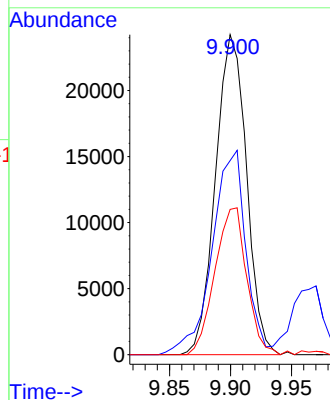
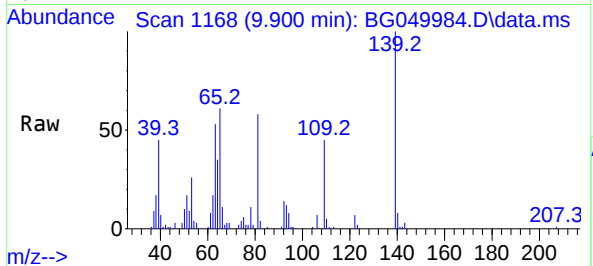
#25
2-Nitrophenol
Concen: 42.256 ng/ul
RT: 9.900 min Scan# 1168
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:	139	Resp:	42821
Ion Ratio	Lower	Upper	
139	100		
65	60.6	53.1	79.7
109	45.4	44.1	66.1

Instrument :
BNA_G
ClientSampled :
SLCS723

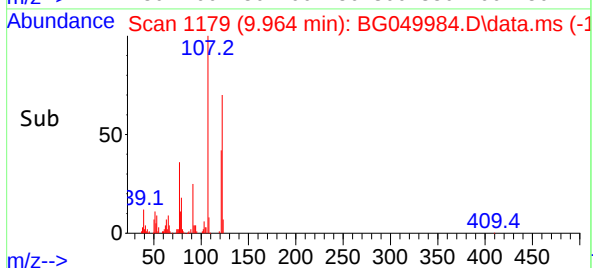
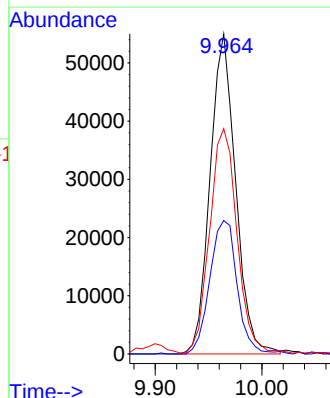
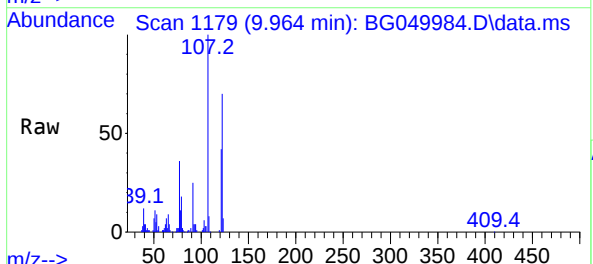
Manual Integrations
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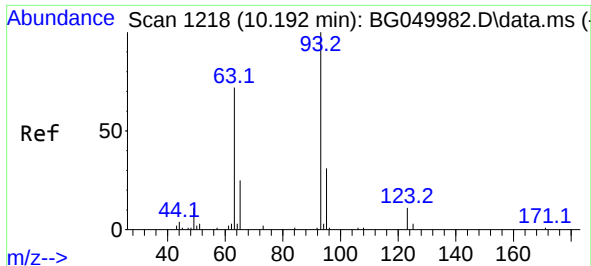
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#26
2,4-Dimethylphenol
Concen: 40.704 ng/ul
RT: 9.964 min Scan# 1179
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:	107	Resp:	91670
Ion Ratio	Lower	Upper	
107	100		
121	41.7	32.7	49.1
122	70.4	52.6	79.0





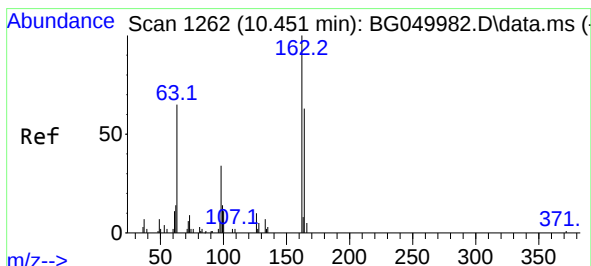
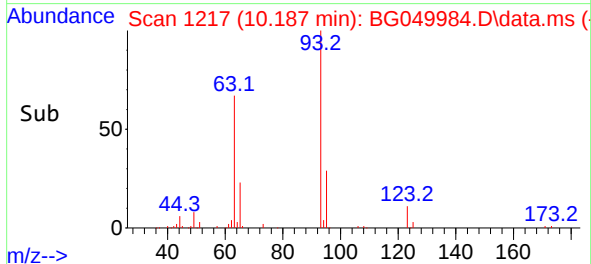
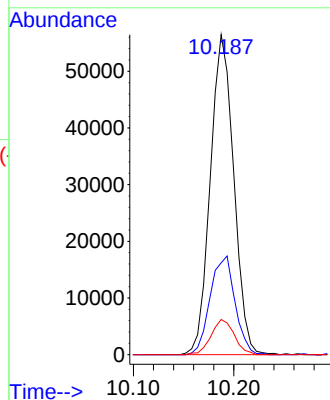
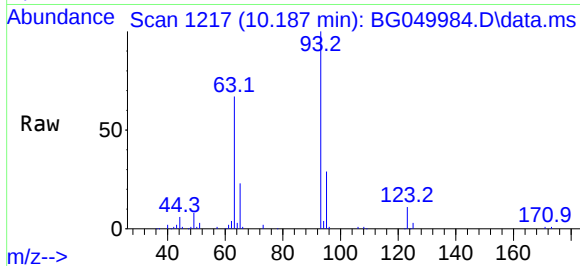
#27
Bis(2-Chloroethoxy)methane
Concen: 42.008 ng/ul
RT: 10.187 min Scan# 1217
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion: 93 Resp: 91673
Ion Ratio Lower Upper
93 100
95 28.7 24.8 37.2
123 11.0 8.2 12.2

Instrument :
BNA_G
ClientSampled :
SLCS723

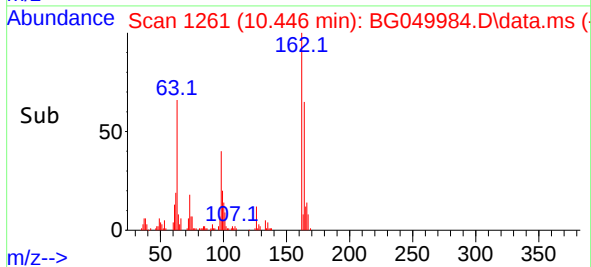
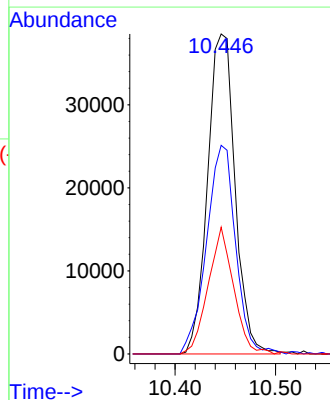
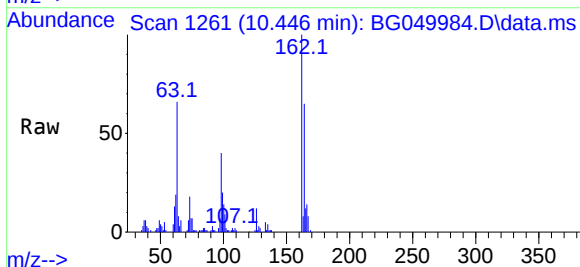
Manual Integrations
APPROVED

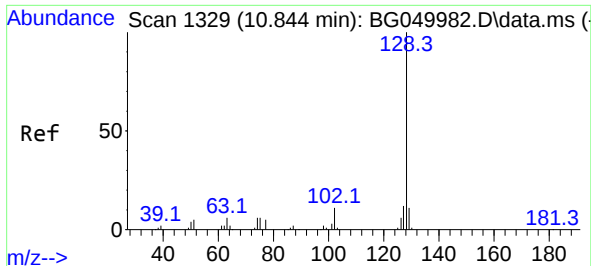
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#29
2,4-Dichlorophenol
Concen: 43.079 ng/ul
RT: 10.446 min Scan# 1261
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

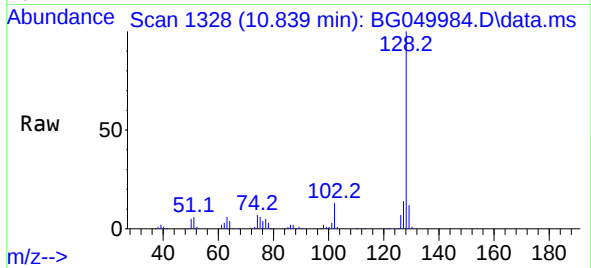
Tgt Ion:162 Resp: 73507
Ion Ratio Lower Upper
162 100
164 65.2 51.0 76.6
98 39.6 27.8 41.8





#30
Naphthalene
Concen: 40.874 ng/ul
RT: 10.839 min Scan# 1328
Delta R.T. -0.016 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

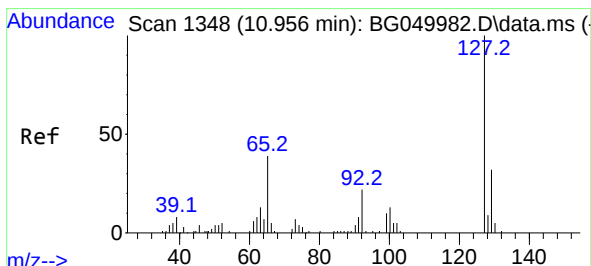
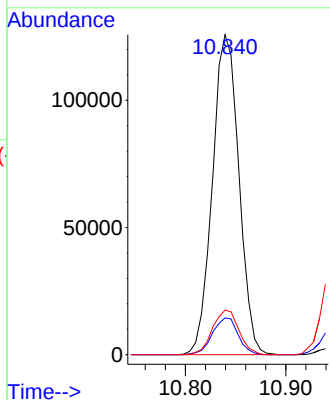
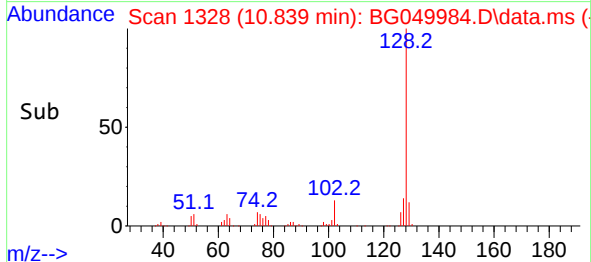
Instrument :
BNA_G
ClientSampled :
SLCS723



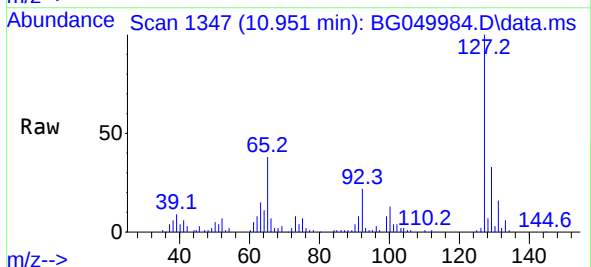
Tgt Ion:128 Resp: 230672
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.0 9.8 14.6

Manual Integrations
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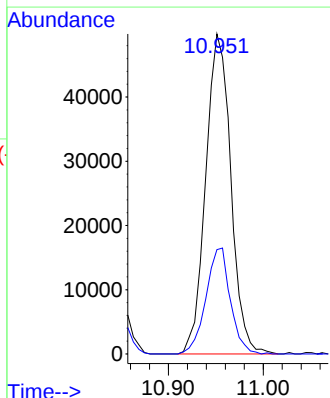
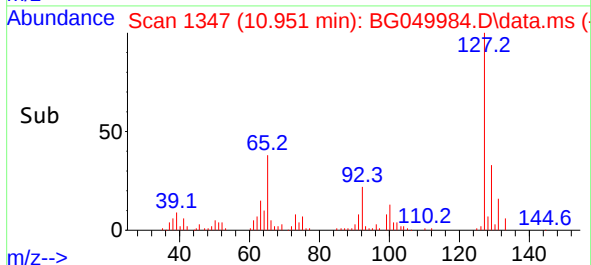
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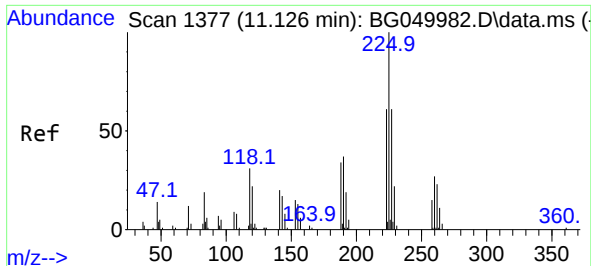


#32
4-Chloroaniline
Concen: 37.719 ng/ul
RT: 10.951 min Scan# 1347
Delta R.T. -0.016 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



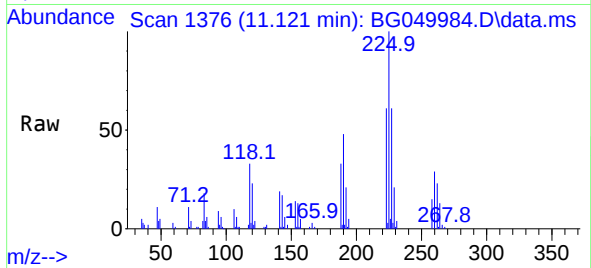
Tgt Ion:127 Resp: 91919
Ion Ratio Lower Upper
127 100
129 32.6 30.3 45.5





#33
Hexachlorobutadiene
Concen: 42.626 ng/ul
RT: 11.121 min Scan# 1376
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

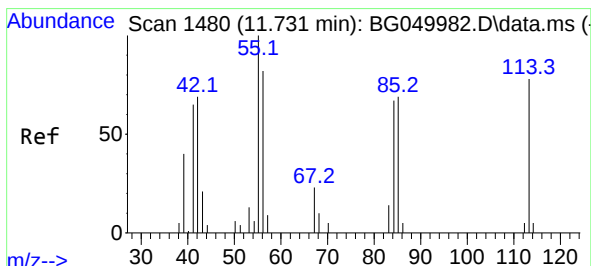
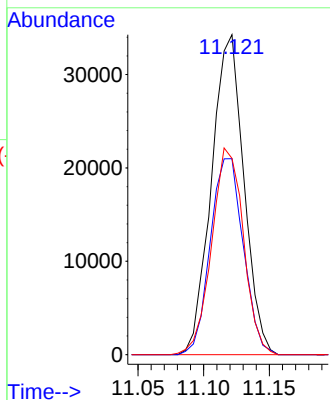
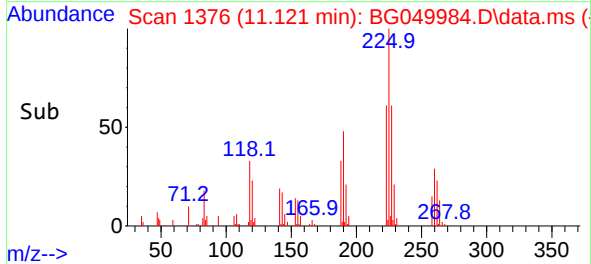
Instrument :
BNA_G
ClientSampled :
SLCS723



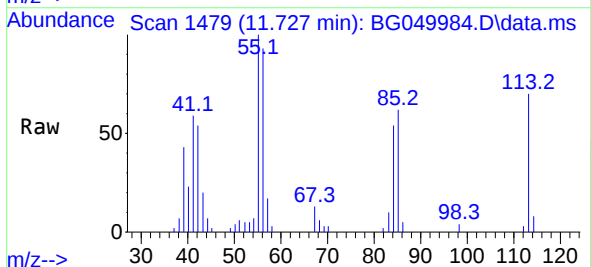
Tgt Ion:225 Resp: 58840
Ion Ratio Lower Upper
225 100
223 61.3 51.3 76.9
227 61.4 55.1 82.7

Manual Integrations
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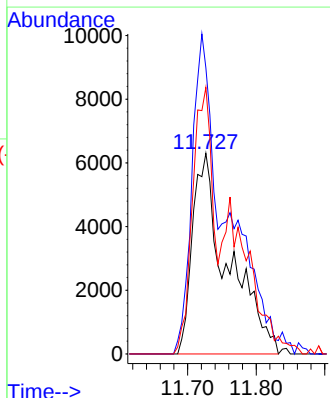
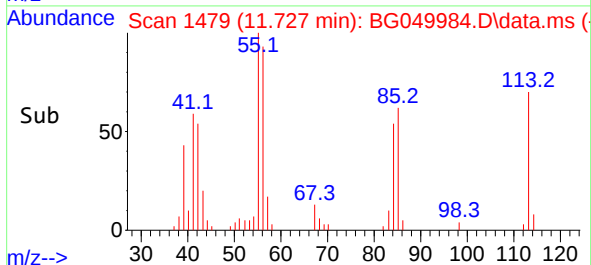
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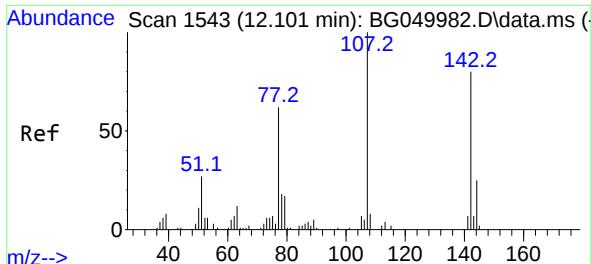


#34
Caprolactam
Concen: 37.735 ng/ul m
RT: 11.727 min Scan# 1479
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

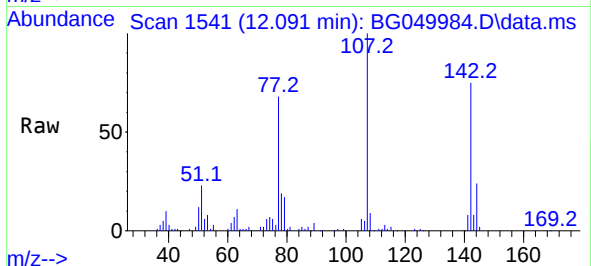


Tgt Ion:113 Resp: 22555
Ion Ratio Lower Upper
113 100
55 142.6 114.0 171.0
56 132.9 107.4 161.0

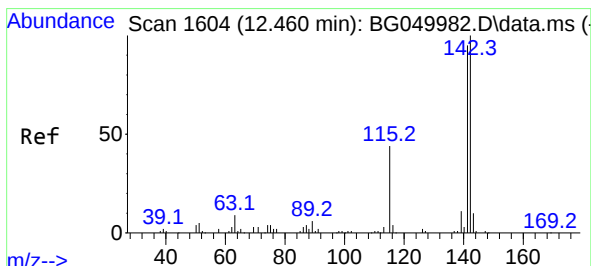
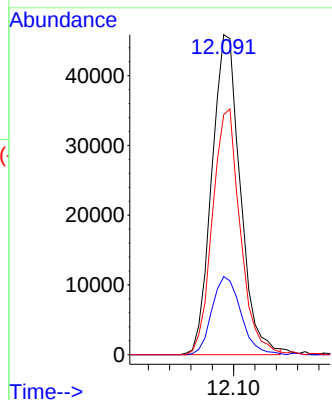
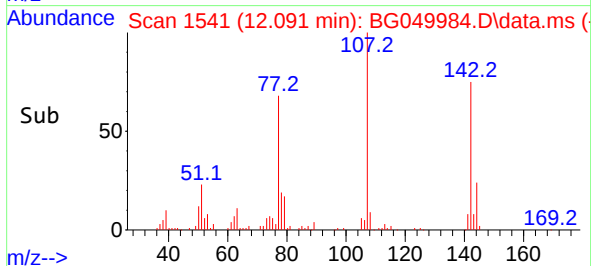




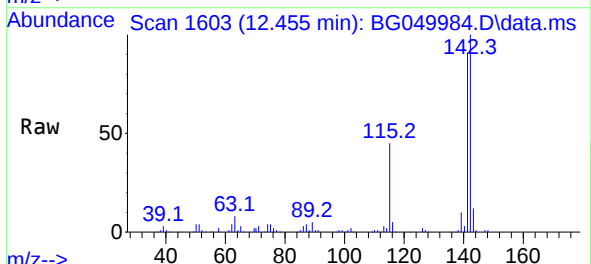
#35
4-Chloro-3-methylphenol
Concen: 41.655 ng/ul
RT: 12.091 min Scan# 1541
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



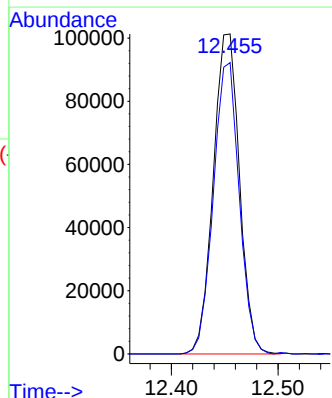
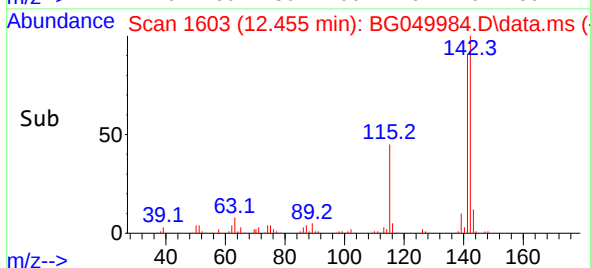
Tgt Ion:107 Resp: 84948
Ion Ratio Lower Upper
107 100
144 24.4 18.9 28.3
142 75.0 59.2 88.8



#36
2-Methylnaphthalene
Concen: 41.227 ng/ul
RT: 12.455 min Scan# 1603
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



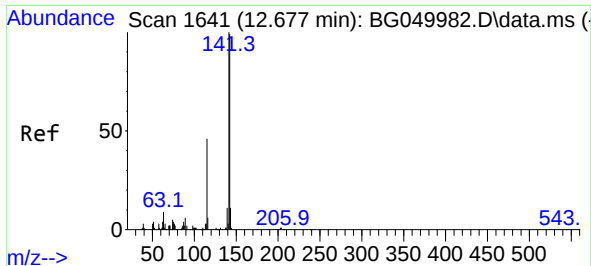
Tgt Ion:142 Resp: 172952
Ion Ratio Lower Upper
142 100
141 91.0 70.5 105.7



Instrument :
BNA_G
ClientSampled :
SLCS723

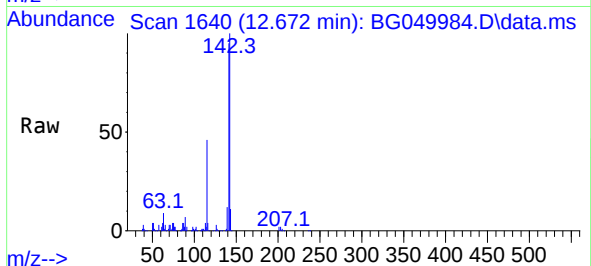
Manual Integrations
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#37
1-Methylnaphthalene
Concen: 38.767 ng/ul
RT: 12.672 min Scan# 1640
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

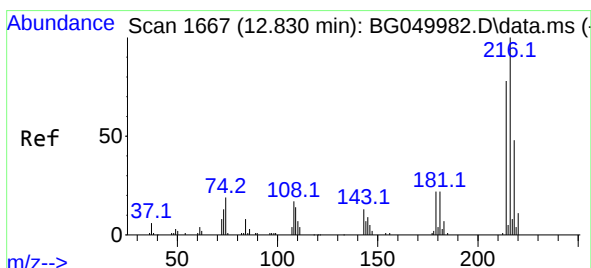
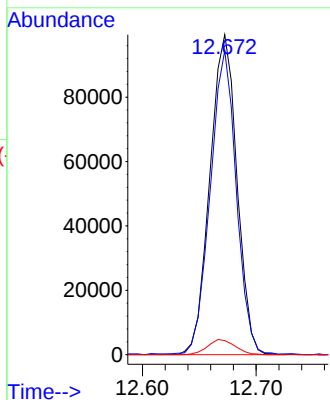
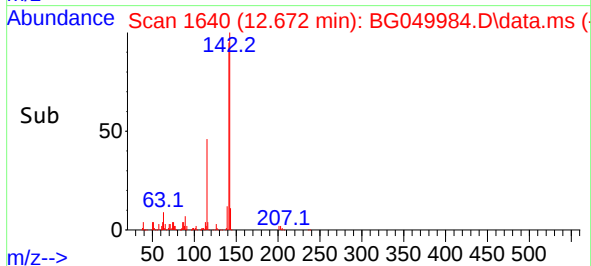
Instrument :
BNA_G
ClientSampled :
SLCS723



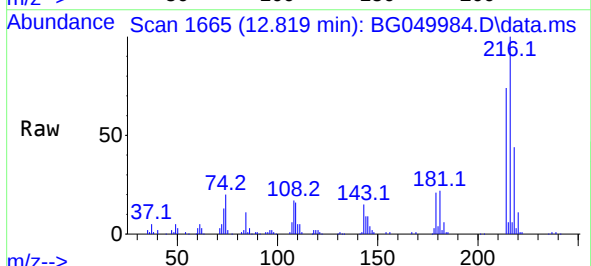
Tgt Ion:142 Resp: 164157
Ion Ratio Lower Upper
142 100
141 95.1 75.8 113.8
116 4.4 3.7 5.5

Manual Integrations
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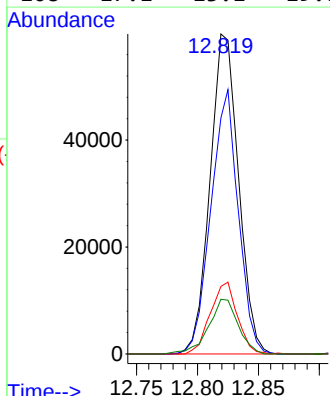
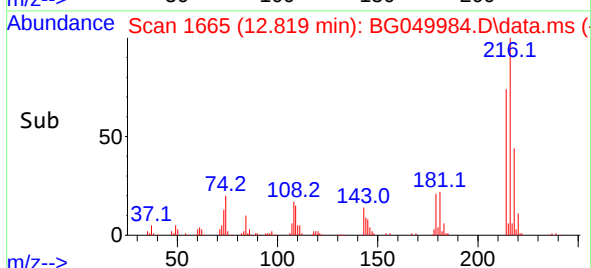
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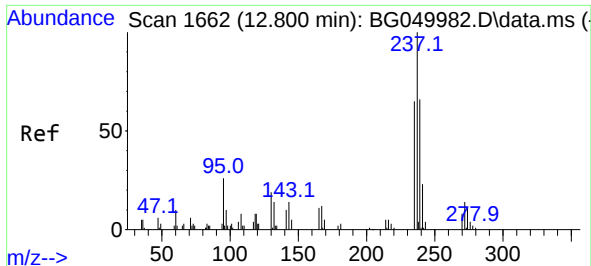


#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.088 ng/ul
RT: 12.819 min Scan# 1665
Delta R.T. -0.016 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

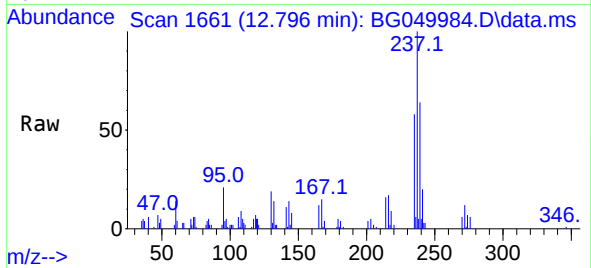


Tgt Ion:216 Resp: 97461
Ion Ratio Lower Upper
216 100
214 73.8 64.2 96.2
179 21.1 12.8 19.2#
108 17.1 13.1 19.7

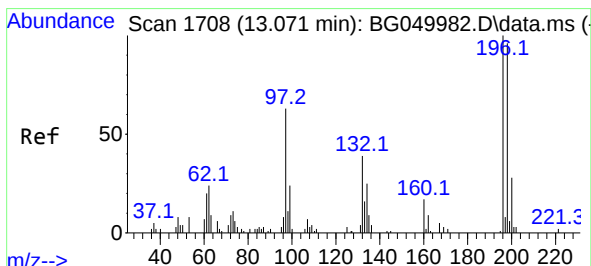
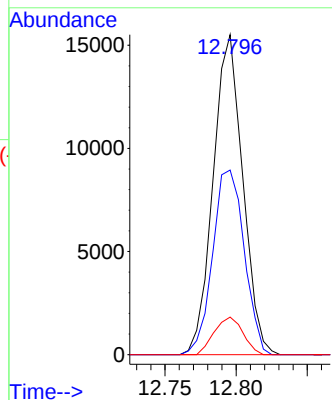
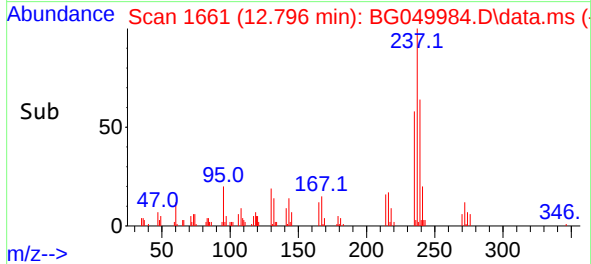




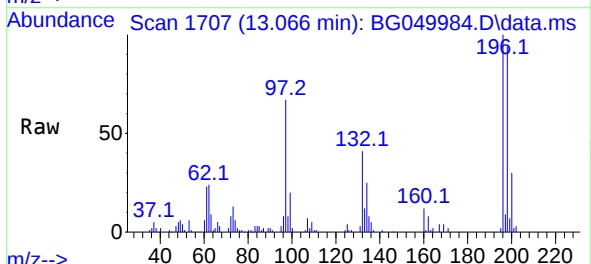
#40
Hexachlorocyclopentadiene
Concen: 22.711 ng/ul
RT: 12.796 min Scan# 1661
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



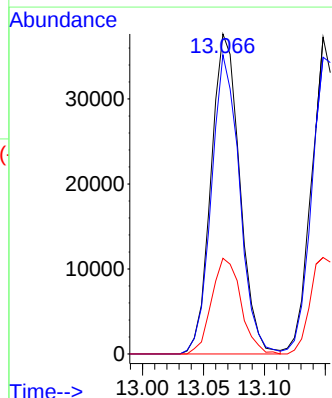
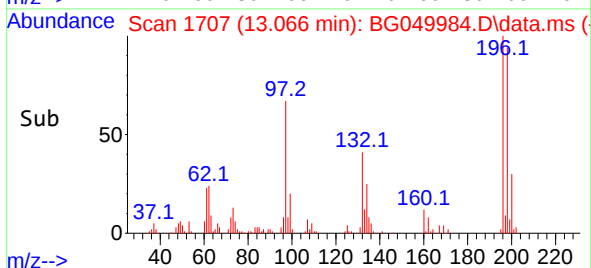
Tgt Ion:237 Resp: 22469
Ion Ratio Lower Upper
237 100
235 57.7 53.5 80.3
272 11.7 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 43.785 ng/ul
RT: 13.066 min Scan# 1707
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



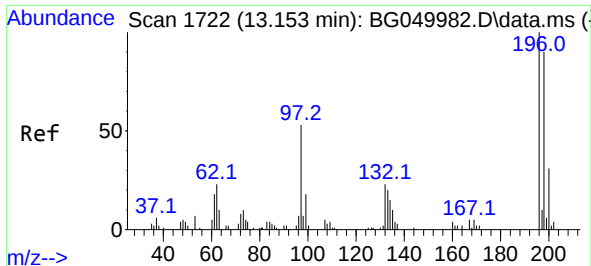
Tgt Ion:196 Resp: 61682
Ion Ratio Lower Upper
196 100
198 93.5 83.7 125.5
200 29.9 25.9 38.9



Instrument :
BNA_G
ClientSampleId :
SLCS723

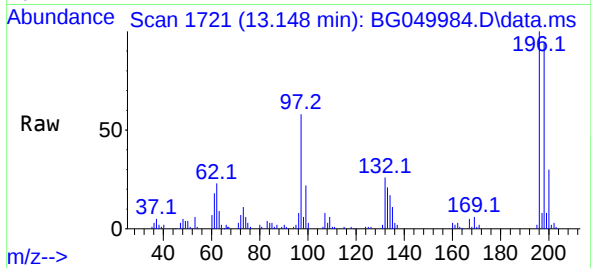
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#42
2,4,5-Trichlorophenol
Concen: 41.547 ng/ul
RT: 13.148 min Scan# 1721
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

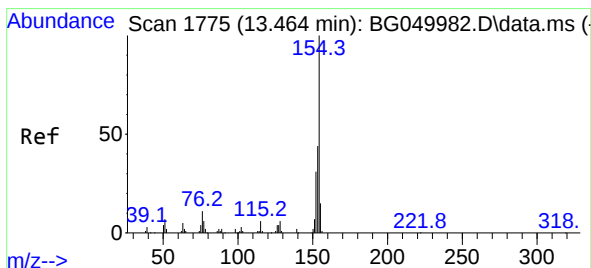
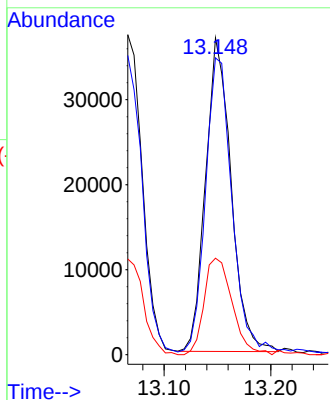
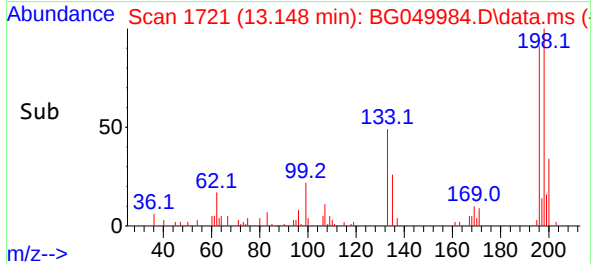
Instrument :
BNA_G
ClientSampled :
SLCS723



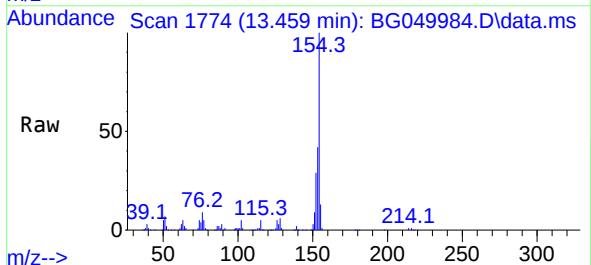
Tgt Ion:196 Resp: 61343
Ion Ratio Lower Upper
196 100
198 93.6 70.3 105.5
200 30.5 26.6 40.0

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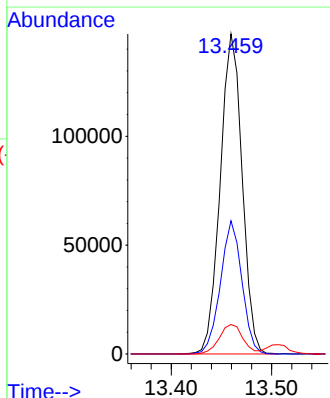
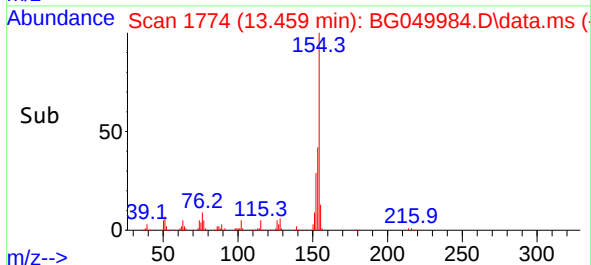
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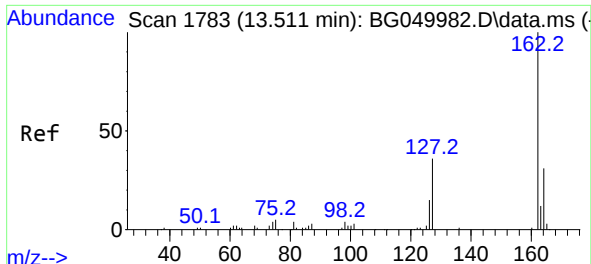


#43
1,1'-Biphenyl
Concen: 42.365 ng/ul
RT: 13.459 min Scan# 1774
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



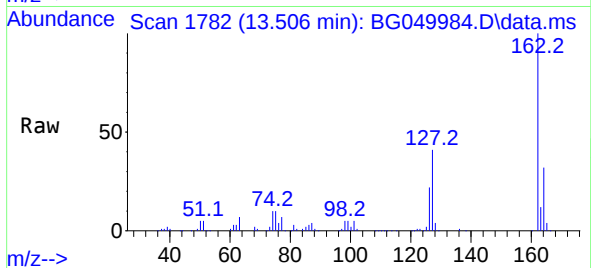
Tgt Ion:154 Resp: 222765
Ion Ratio Lower Upper
154 100
153 41.6 32.5 48.7
76 9.2 7.8 11.8





#44
2-Chloronaphthalene
Concen: 41.236 ng/ul
RT: 13.506 min Scan# 1782
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

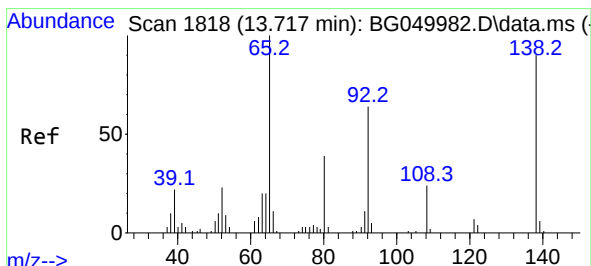
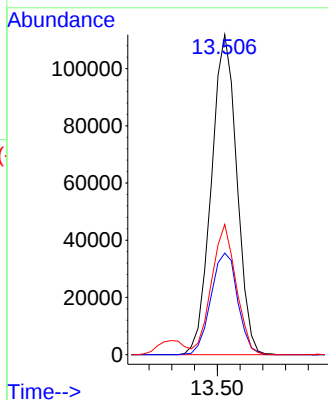
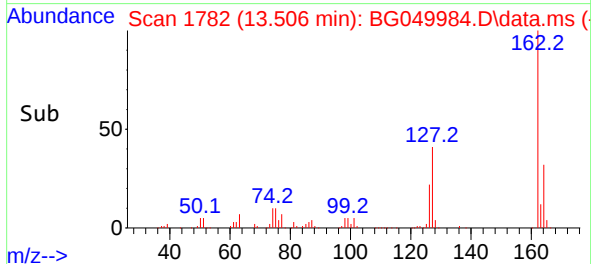
Instrument :
BNA_G
ClientSampled :
SLCS723



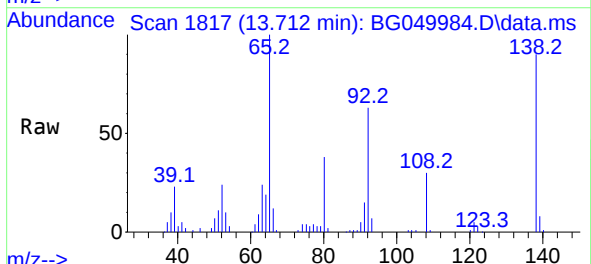
Tgt Ion:162 Resp: 174164
Ion Ratio Lower Upper
162 100
164 31.8 25.2 37.8
127 40.7 31.9 47.9

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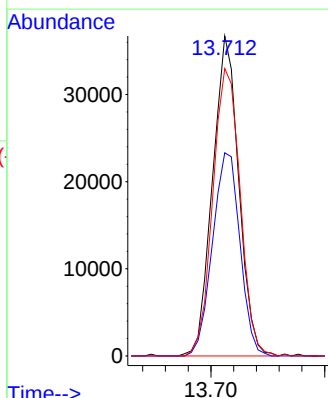
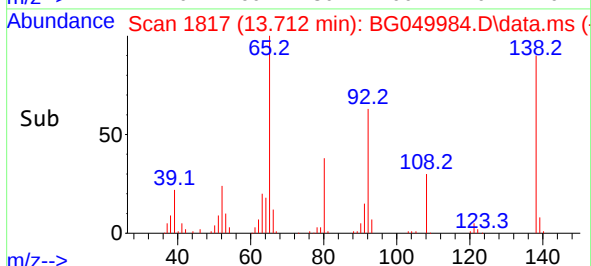
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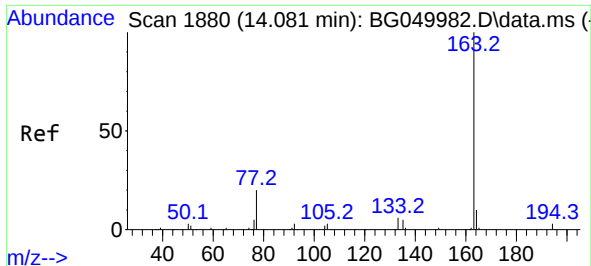


#45
2-Nitroaniline
Concen: 40.876 ng/ul
RT: 13.712 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



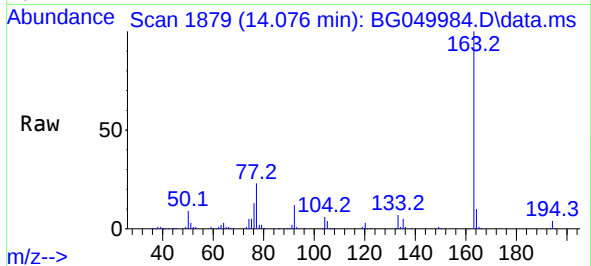
Tgt Ion: 65 Resp: 58616
Ion Ratio Lower Upper
65 100
92 63.5 55.6 83.4
138 89.8 78.7 118.1





#47
Dimethylphthalate
Concen: 40.117 ng/ul
RT: 14.076 min Scan# 1879
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

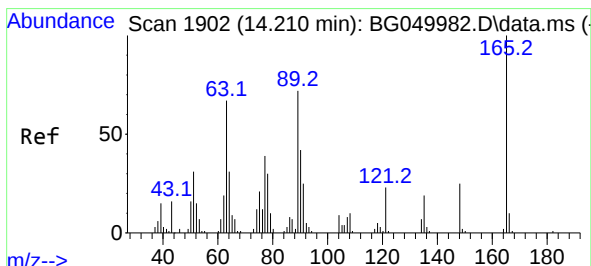
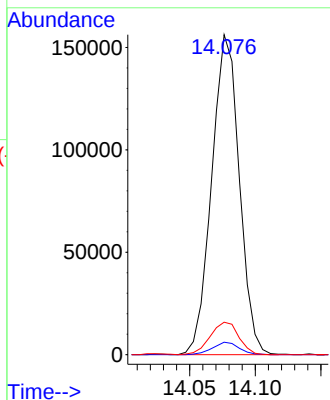
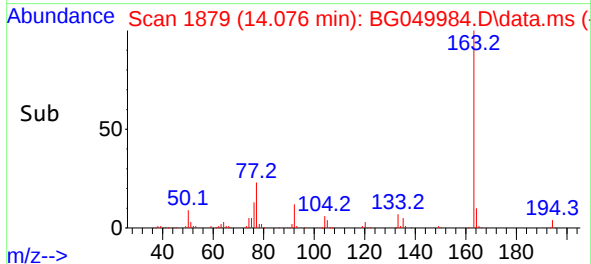
Instrument :
BNA_G
ClientSampled :
SLCS723



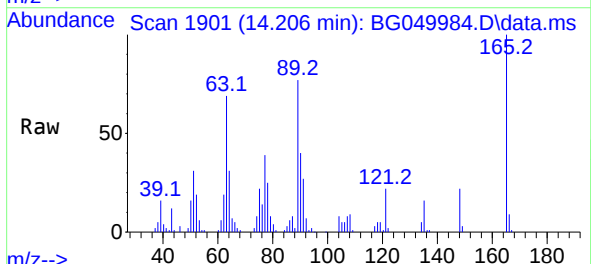
Tgt Ion:163 Resp: 228686
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.2 12.4

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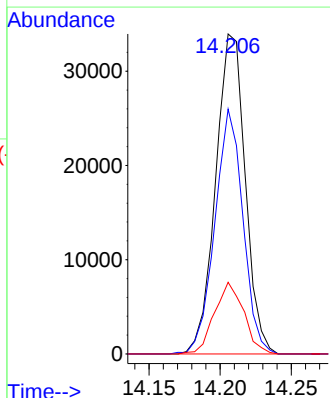
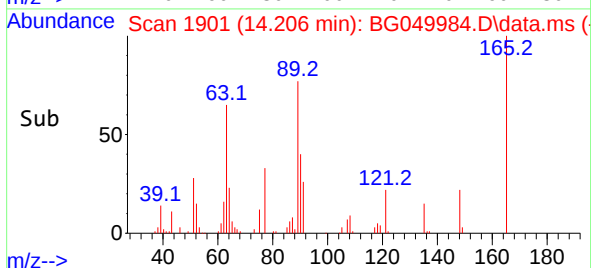
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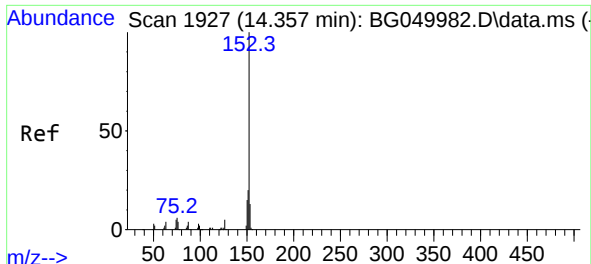


#48
2,6-Dinitrotoluene
Concen: 41.831 ng/ul
RT: 14.206 min Scan# 1901
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



Tgt Ion:165 Resp: 49231
Ion Ratio Lower Upper
165 100
89 76.5 62.5 93.7
121 22.4 22.2 33.2





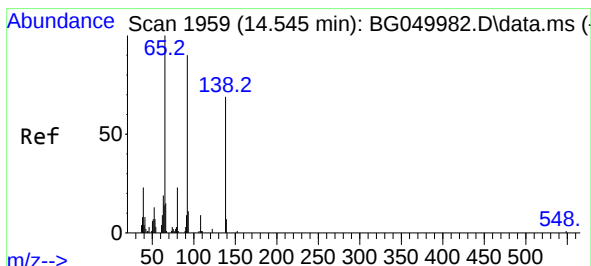
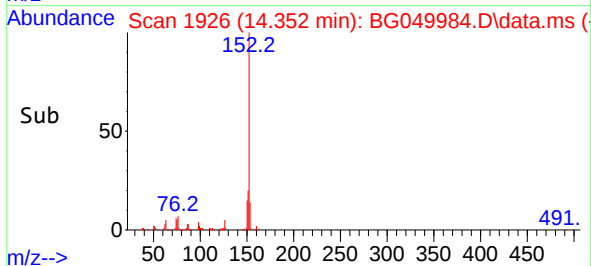
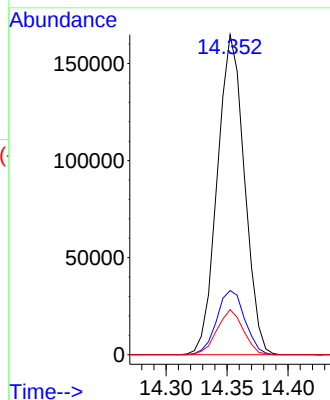
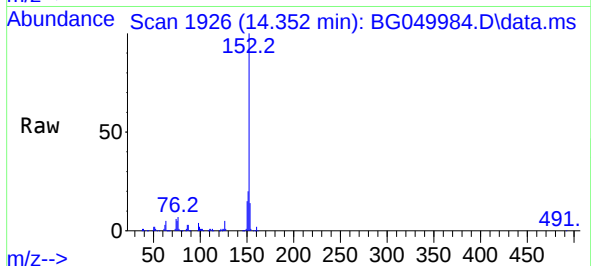
#50
Acenaphthylene
Concen: 41.317 ng/ul
RT: 14.352 min Scan# 1926
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:	152	Resp:	255032
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.2	22.8
153	14.1	10.7	16.1

Instrument :
BNA_G
ClientSampled :
SLCS723

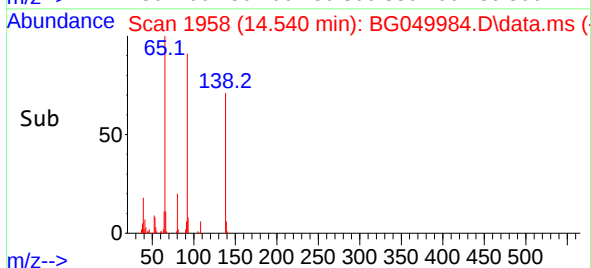
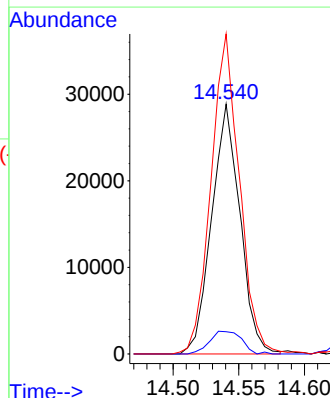
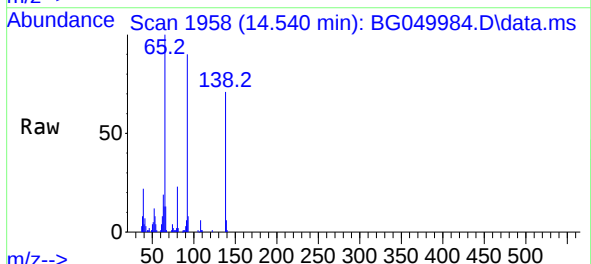
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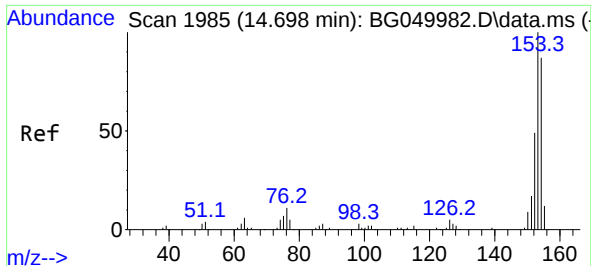
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#51
3-Nitroaniline
Concen: 38.076 ng/ul
RT: 14.540 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

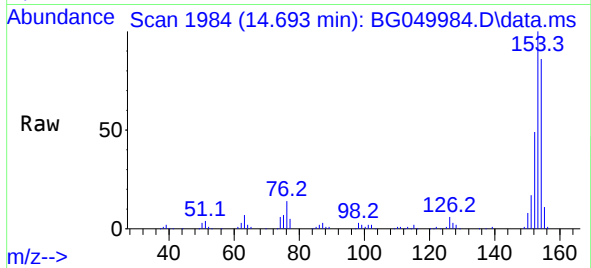
Tgt Ion:	138	Resp:	43242
Ion Ratio	Lower	Upper	
138	100		
108	8.9	9.0	13.4#
92	128.1	96.4	144.6





#52
Acenaphthene
Concen: 41.939 ng/ul
RT: 14.693 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

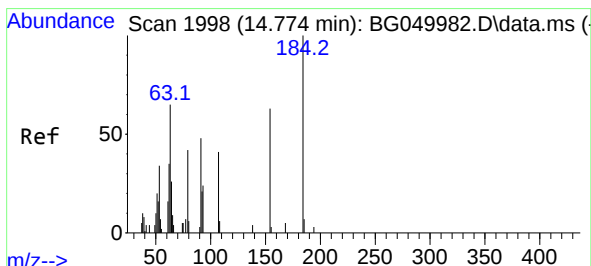
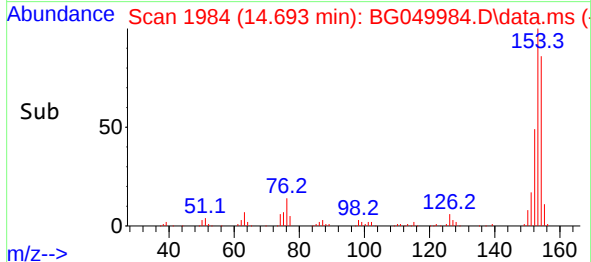
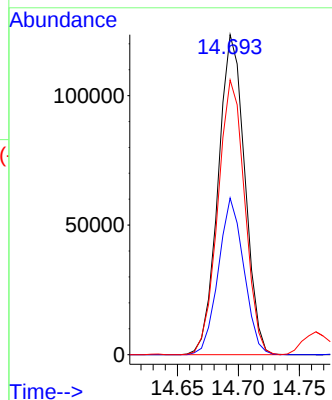
Instrument :
BNA_G
ClientSampled :
SLCS723



Tgt Ion:153 Resp: 187788
Ion Ratio Lower Upper
153 100
152 49.0 37.4 56.2
154 85.9 71.5 107.3

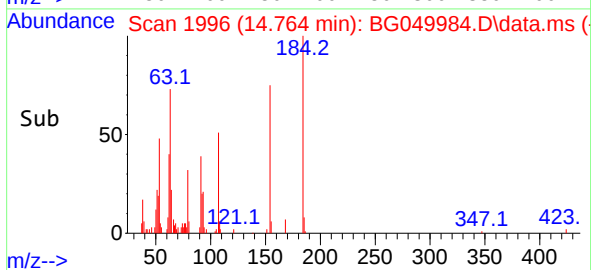
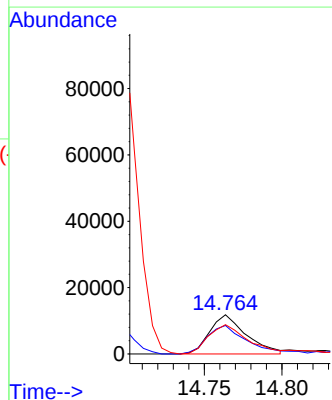
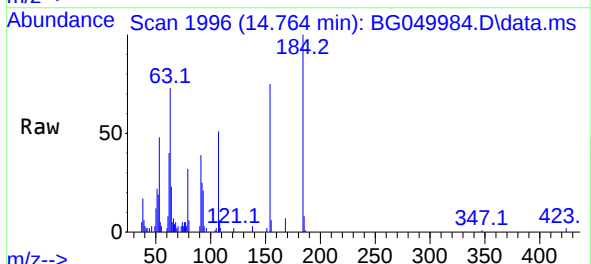
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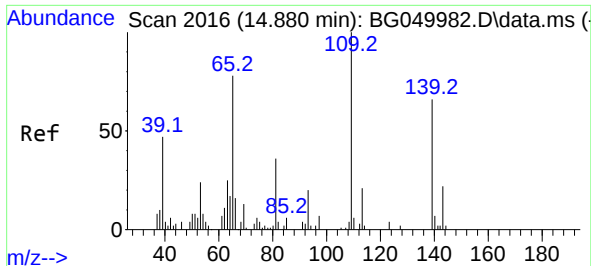
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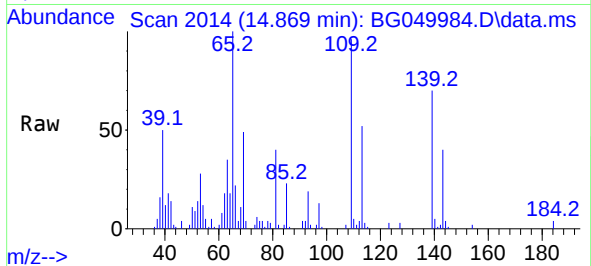
#53
2,4-Dinitrophenol
Concen: 32.093 ng/ul
RT: 14.764 min Scan# 1996
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:184 Resp: 19291
Ion Ratio Lower Upper
184 100
63 72.7 75.8 113.8#
154 74.6 64.6 96.8

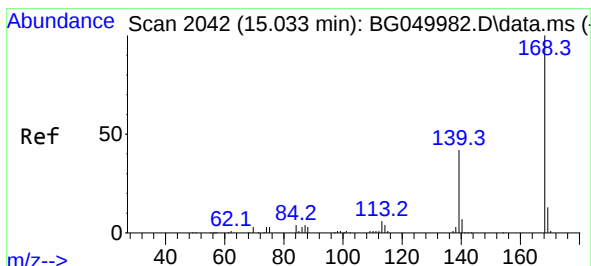
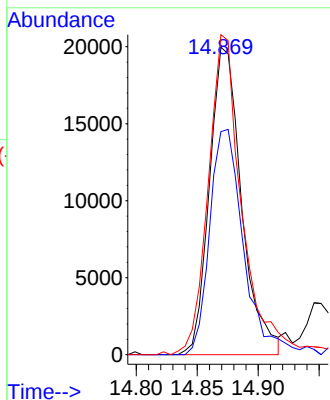
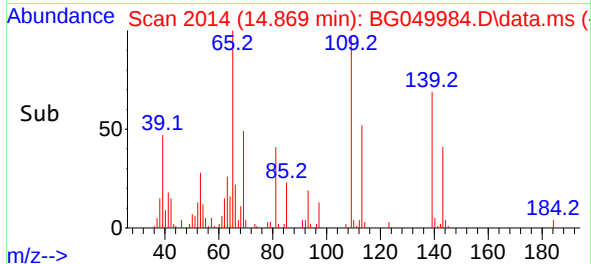




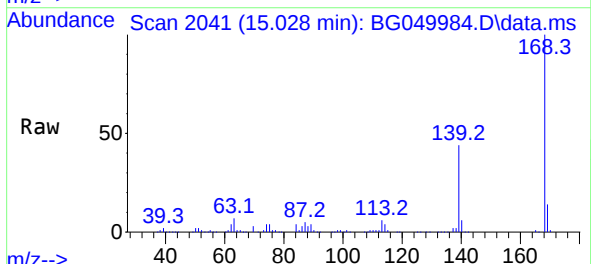
#55
4-Nitrophenol
Concen: 34.669 ng/ul
RT: 14.869 min Scan# 2014
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



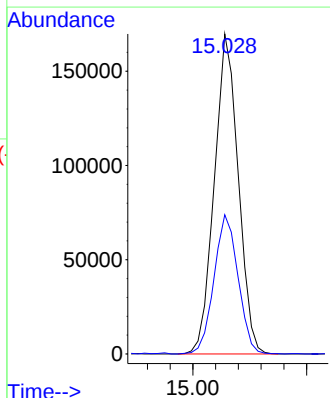
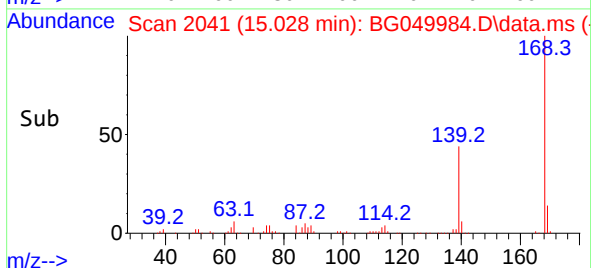
Tgt Ion:109 Resp: 36632
Ion Ratio Lower Upper
109 100
139 72.6 61.4 92.0
65 104.1 76.5 114.7



#56
Dibenzofuran
Concen: 40.041 ng/ul
RT: 15.028 min Scan# 2041
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



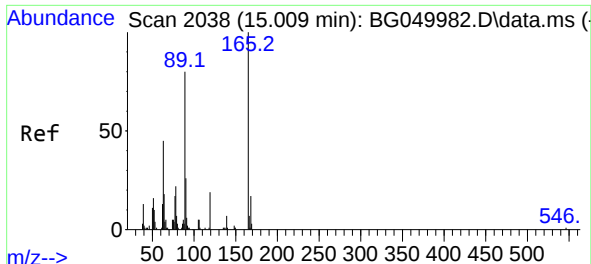
Tgt Ion:168 Resp: 248286
Ion Ratio Lower Upper
168 100
139 43.5 33.8 50.8



Instrument :
BNA_G
ClientSampled :
SLCS723

Manual Integrations
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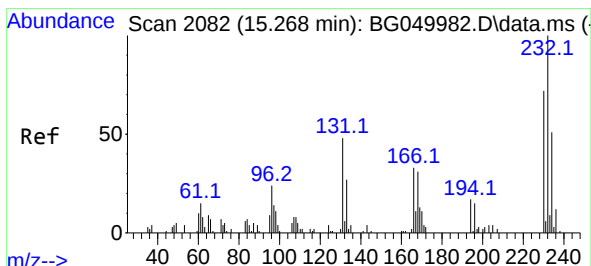
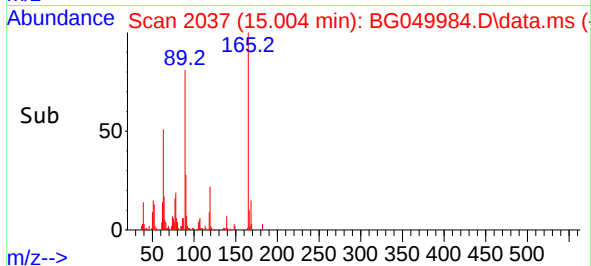
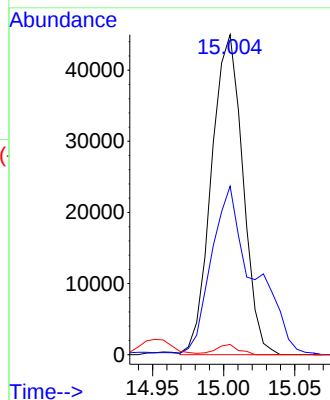
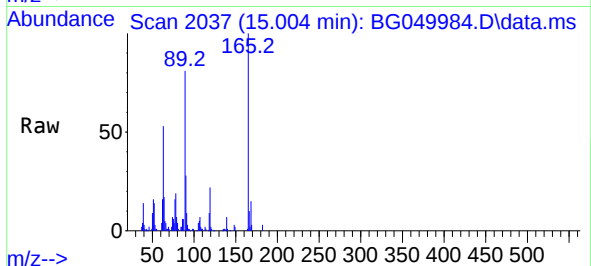
#57
2,4-Dinitrotoluene
Concen: 40.855 ng/ul
RT: 15.004 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:165 Resp: 69163
Ion Ratio Lower Upper
165 100
63 52.6 42.3 63.5
182 3.2 2.6 4.0

Instrument :
BNA_G
ClientSampled :
SLCS723

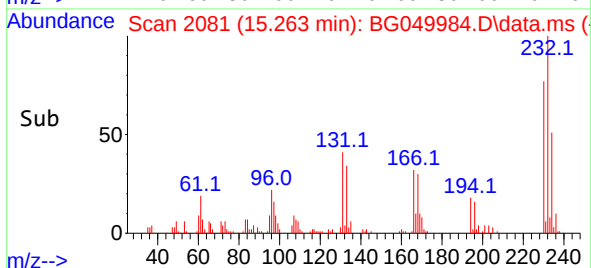
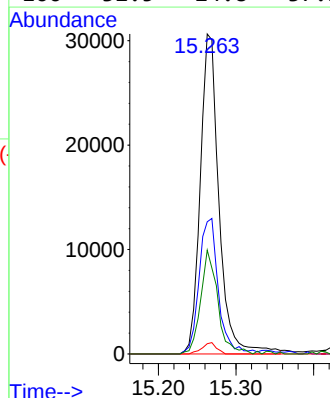
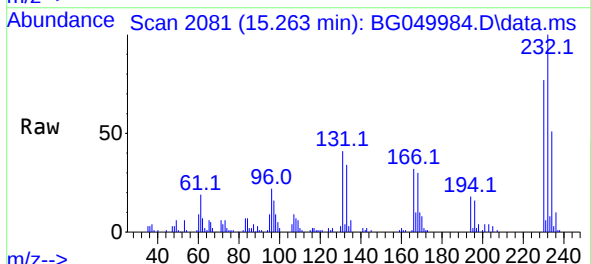
Manual Integrations
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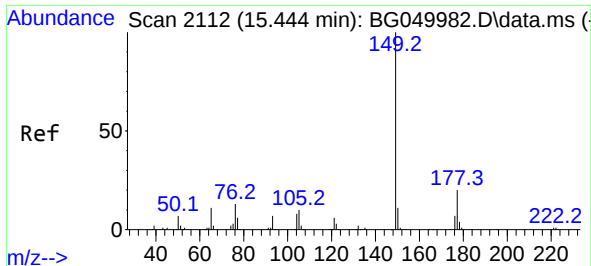
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#58
2,3,4,6-Tetrachlorophenol
Concen: 42.100 ng/ul
RT: 15.263 min Scan# 2081
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

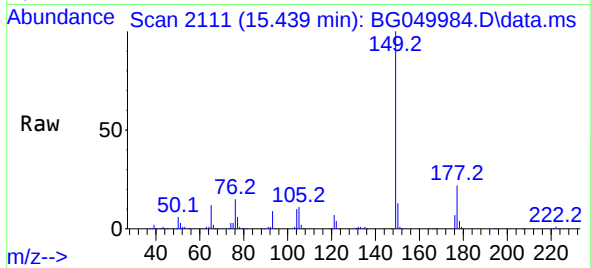
Tgt Ion:232 Resp: 51509
Ion Ratio Lower Upper
232 100
131 41.3 40.0 60.0
130 3.2 1.8 2.8#
166 32.5 24.8 37.2





#59
Diethylphthalate
Concen: 39.502 ng/ul
RT: 15.439 min Scan# 2111
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

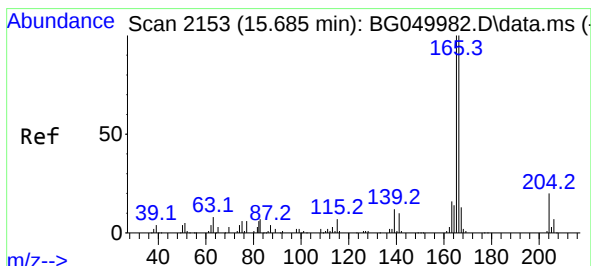
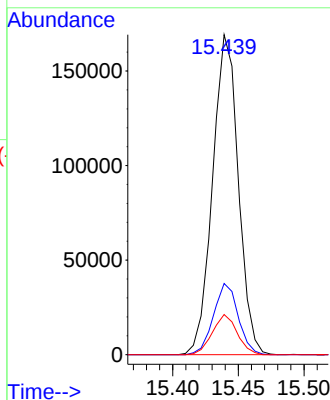
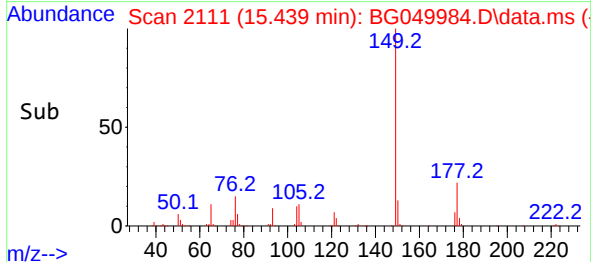
Instrument :
BNA_G
ClientSampleId :
SLCS723



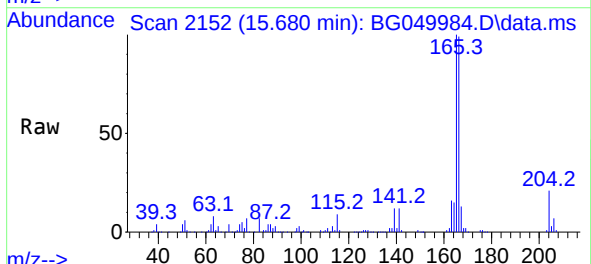
Tgt Ion:149 Resp: 230359
Ion Ratio Lower Upper
149 100
177 22.2 15.8 23.6
150 12.6 9.7 14.5

Manual Integrations
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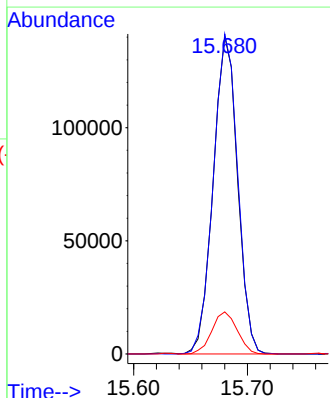
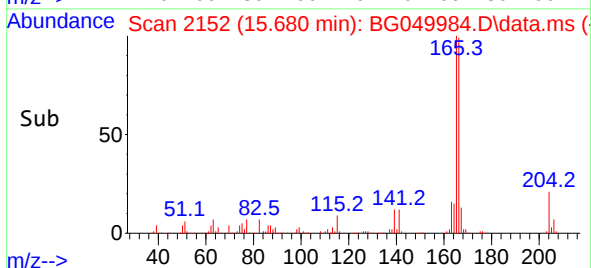
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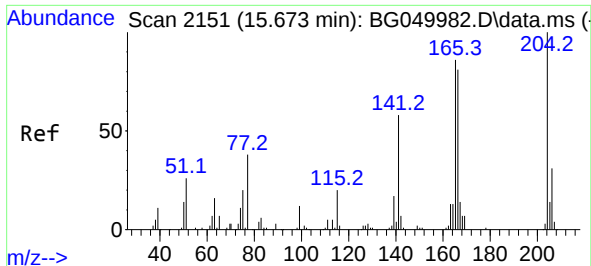


#61
Fluorene
Concen: 39.925 ng/ul
RT: 15.680 min Scan# 2152
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



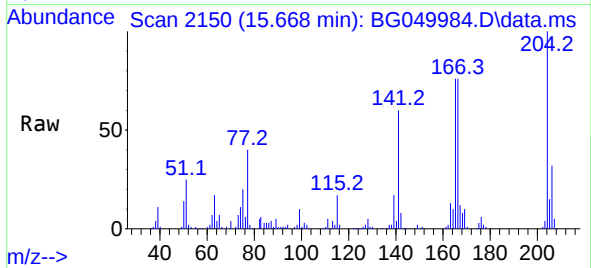
Tgt Ion:166 Resp: 208872
Ion Ratio Lower Upper
166 100
165 100.8 83.3 124.9
167 13.3 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 41.226 ng/ul
RT: 15.668 min Scan# 2150
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

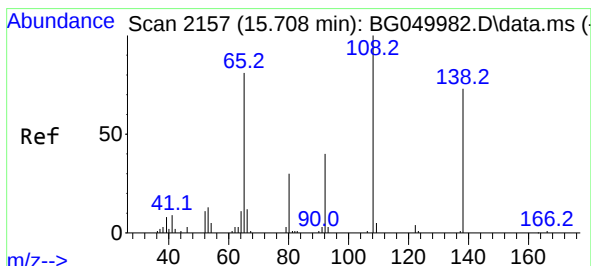
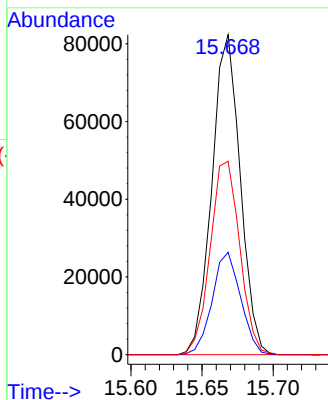
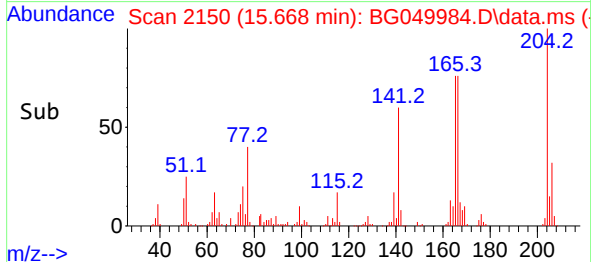
Instrument :
BNA_G
ClientSampled :
SLCS723



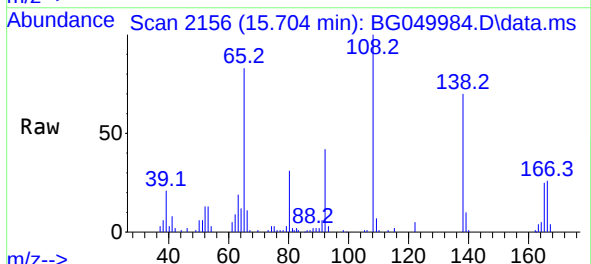
Tgt Ion:204 Resp: 114113
Ion Ratio Lower Upper
204 100
206 32.0 25.4 38.2
141 60.4 51.8 77.6

Manual Integrations
APPROVED

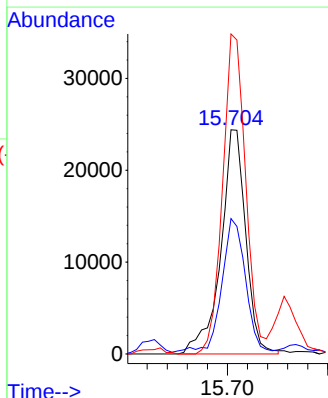
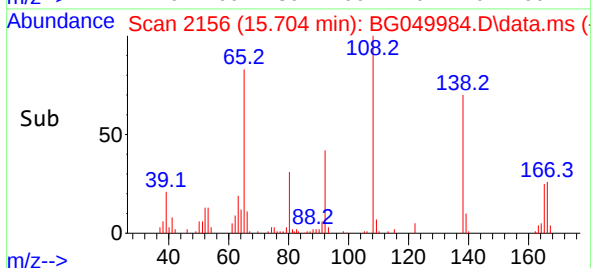
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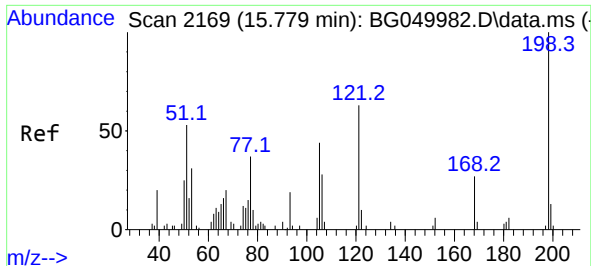


#63
4-Nitroaniline
Concen: 37.202 ng/ul
RT: 15.704 min Scan# 2156
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



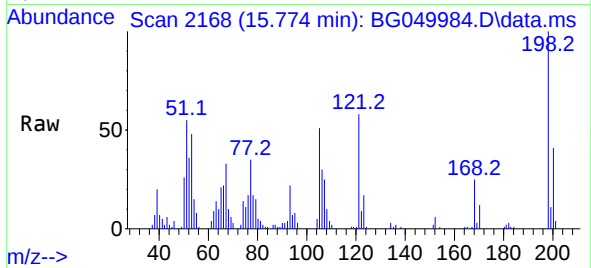
Tgt Ion:138 Resp: 42162
Ion Ratio Lower Upper
138 100
92 60.4 50.0 75.0
108 142.8 101.8 152.8





#66
4,6-Dinitro-2-methylphenol
Concen: 38.690 ng/ul
RT: 15.774 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

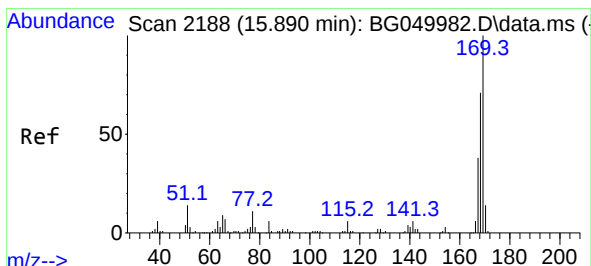
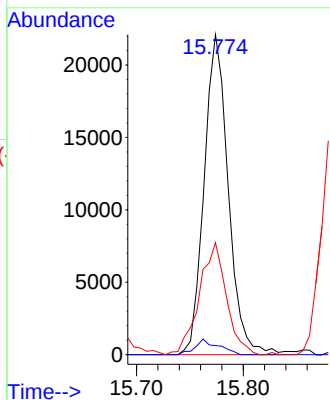
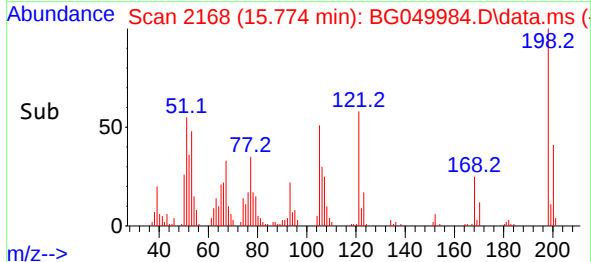
Instrument :
BNA_G
ClientSampled :
SLCS723



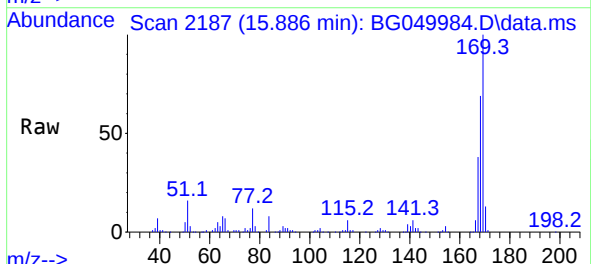
Tgt Ion:198 Resp: 34753
Ion Ratio Lower Upper
198 100
182 2.8 3.0 4.6#
77 35.0 23.4 35.2

Manual Integrations
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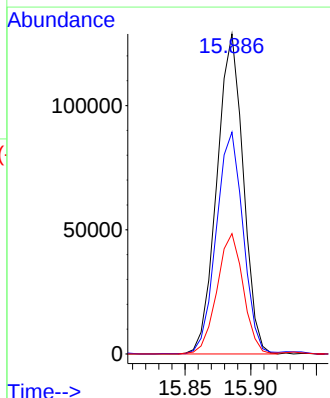
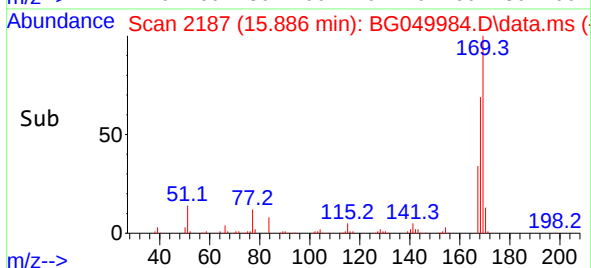
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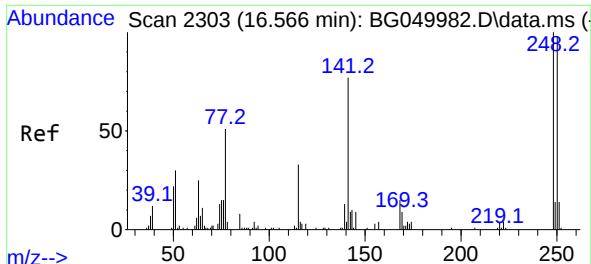


#67
N-Nitrosodiphenylamine
Concen: 44.320 ng/ul
RT: 15.886 min Scan# 2187
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



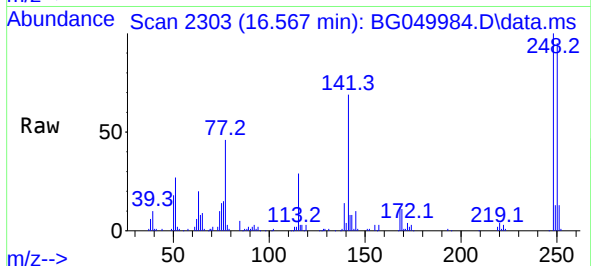
Tgt Ion:169 Resp: 179737
Ion Ratio Lower Upper
169 100
168 69.3 55.0 82.6
167 37.6 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 45.825 ng/ul
RT: 16.567 min Scan# 2303
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

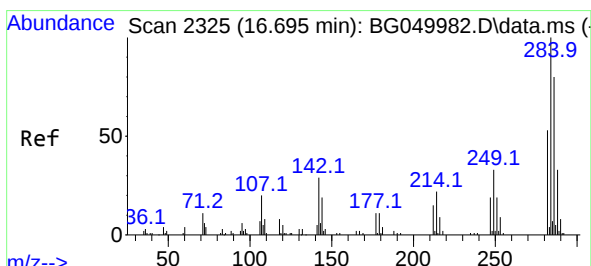
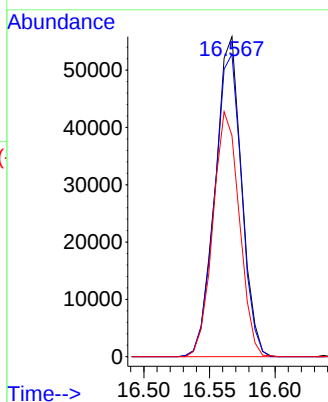
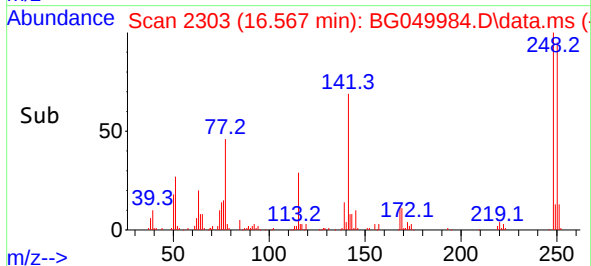
Instrument :
BNA_G
ClientSampled :
SLCS723



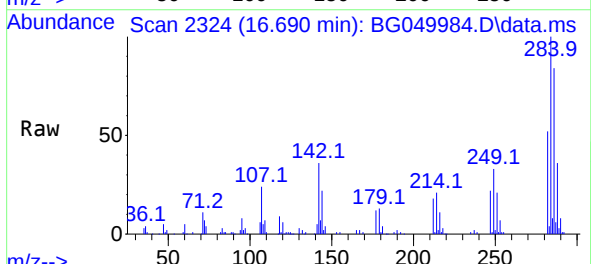
Tgt Ion:248 Resp: 78086
Ion Ratio Lower Upper
248 100
250 94.6 80.2 120.2
141 69.1 60.6 90.8

Manual Integrations
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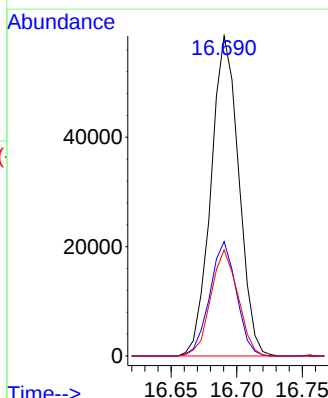
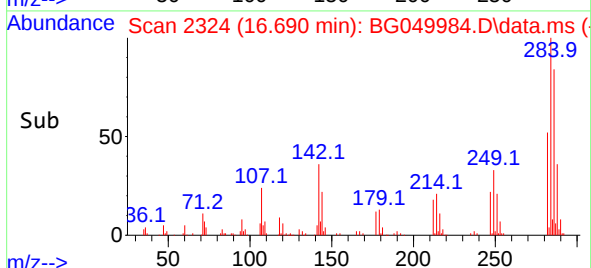
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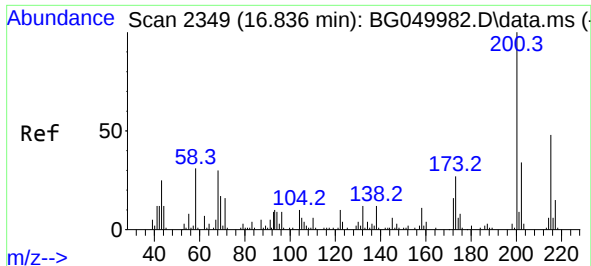


#69
Hexachlorobenzene
Concen: 43.896 ng/ul
RT: 16.690 min Scan# 2324
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



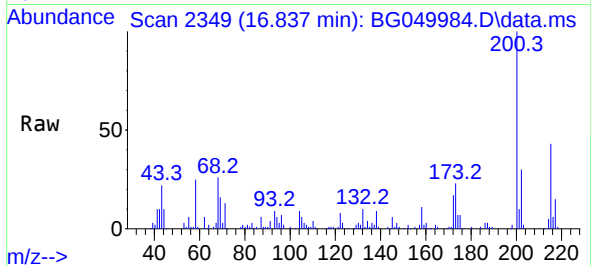
Tgt Ion:284 Resp: 86373
Ion Ratio Lower Upper
284 100
142 35.7 28.7 43.1
249 33.2 25.5 38.3





#70
Atrazine
Concen: 42.778 ng/ul
RT: 16.837 min Scan# 2349
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

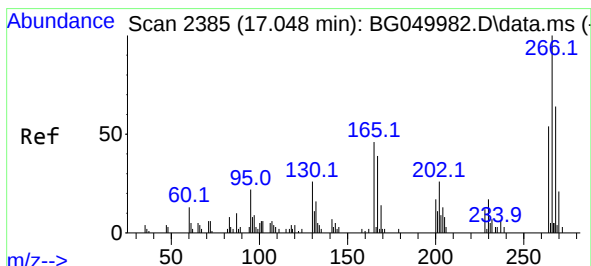
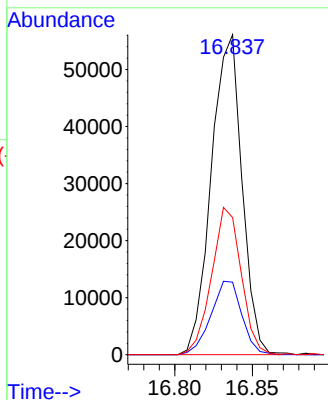
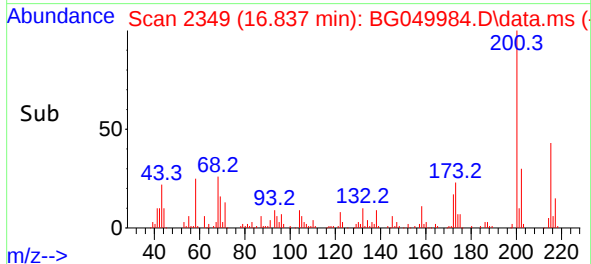
Instrument :
BNA_G
ClientSampled :
SLCS723



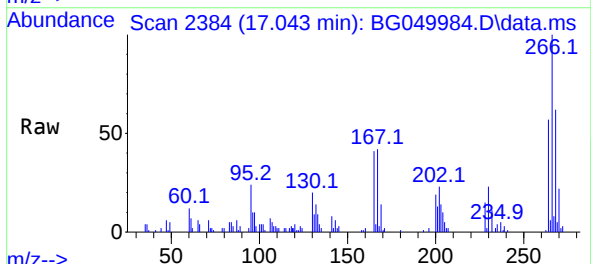
Tgt Ion:200 Resp: 77071
Ion Ratio Lower Upper
200 100
173 22.7 19.3 28.9
215 42.8 34.9 52.3

Manual Integrations
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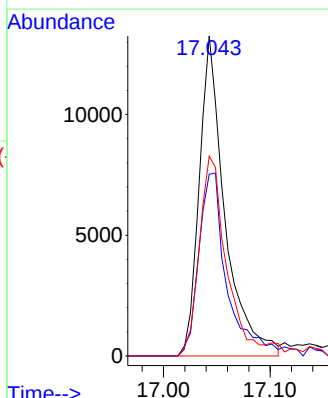
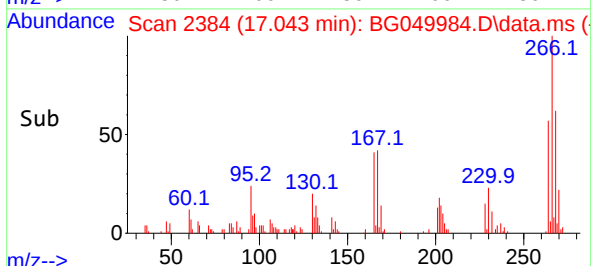
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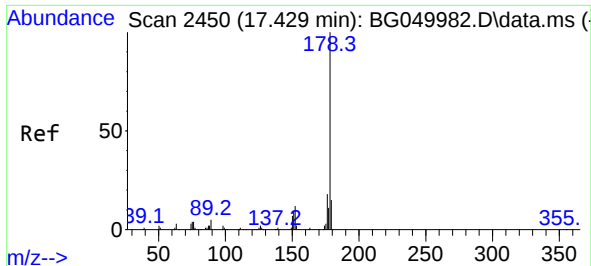


#71
Pentachlorophenol
Concen: 26.547 ng/ul
RT: 17.043 min Scan# 2384
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



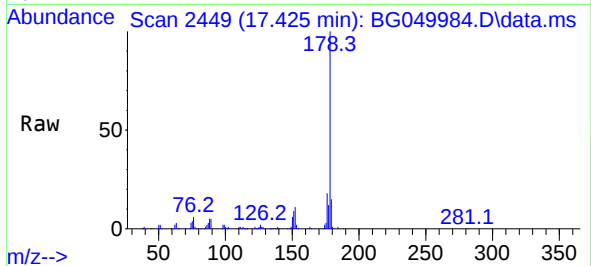
Tgt Ion:266 Resp: 22119
Ion Ratio Lower Upper
266 100
264 56.8 54.1 81.1
268 62.4 52.6 78.8





#72
Phenanthrene
Concen: 43.244 ng/u1
RT: 17.425 min Scan# 2449
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

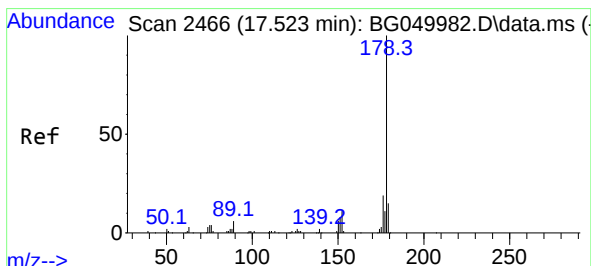
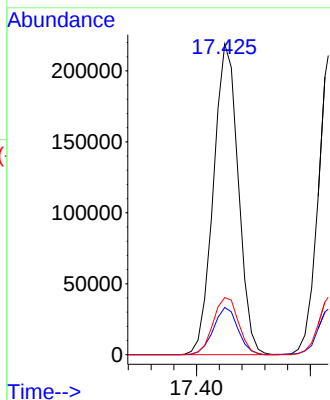
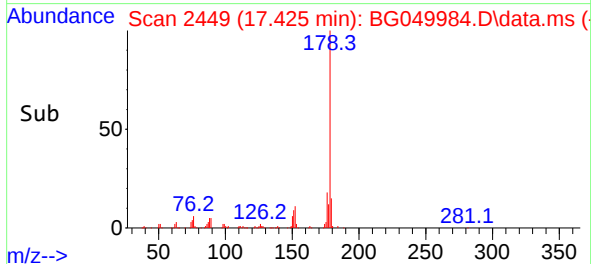
Instrument :
BNA_G
ClientSampled :
SLCS723



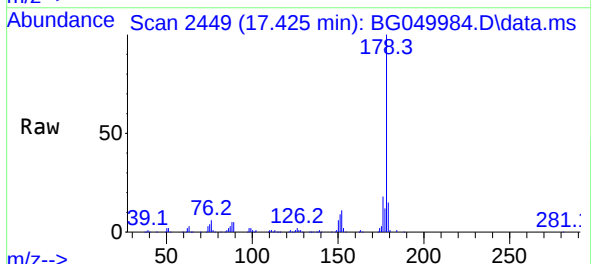
Tgt Ion:178 Resp: 332076
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.4 16.2 24.2

Manual Integrations
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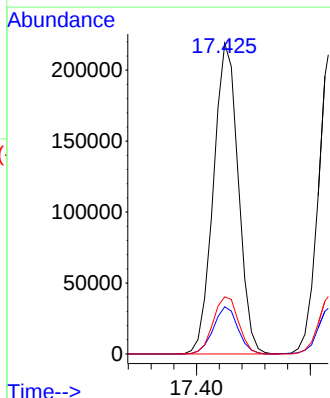
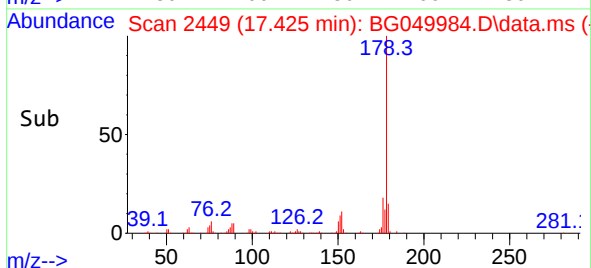
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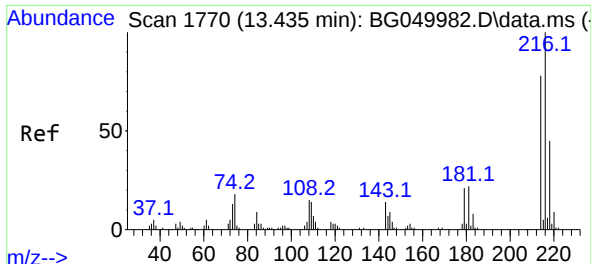


#74
Anthracene
Concen: 42.674 ng/u1
RT: 17.425 min Scan# 2449
Delta R.T. -0.099 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



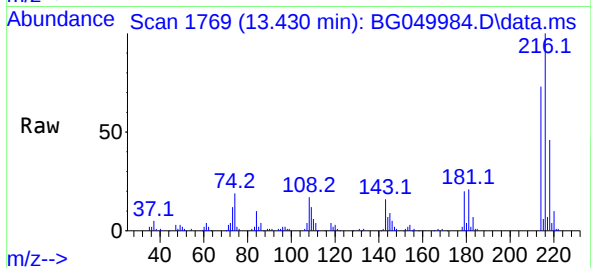
Tgt Ion:178 Resp: 332076
Ion Ratio Lower Upper
178 100
179 15.2 11.4 17.0
176 18.4 12.8 19.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 48.990 ng/uL
RT: 13.430 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

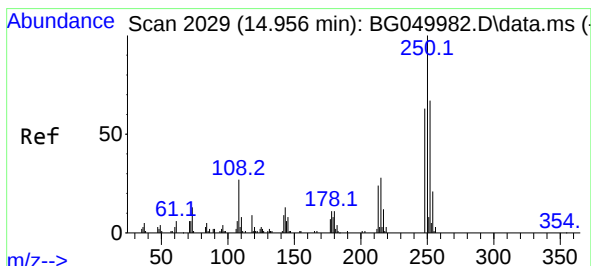
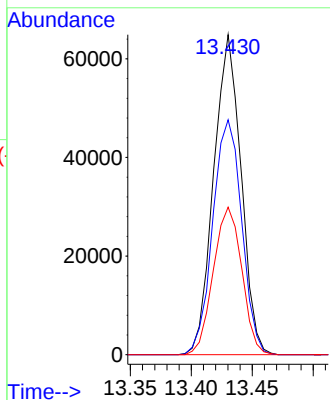
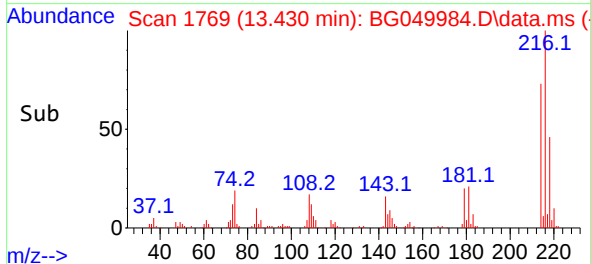
Instrument :
BNA_G
ClientSampled :
SLCS723



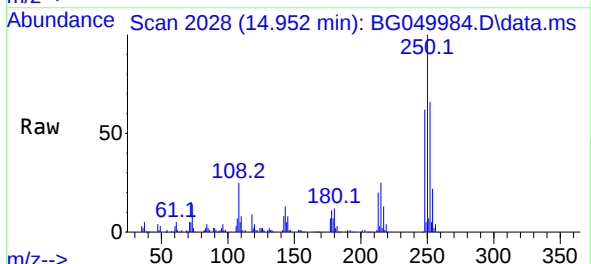
Tgt Ion:216 Resp: 101244
Ion Ratio Lower Upper
216 100
214 73.4 70.9 106.3
218 46.1 40.9 61.3

Manual Integrations
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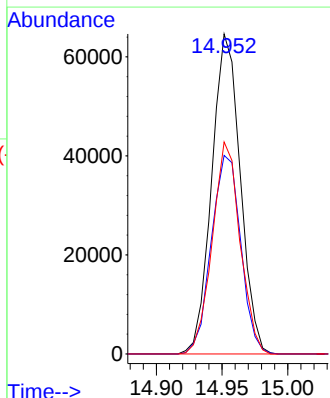
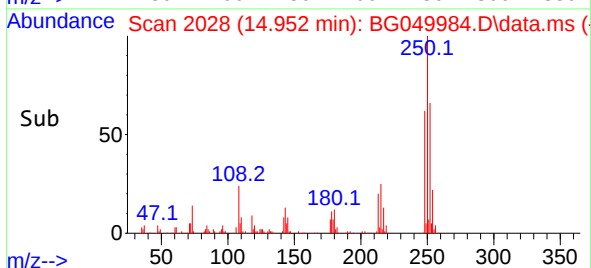
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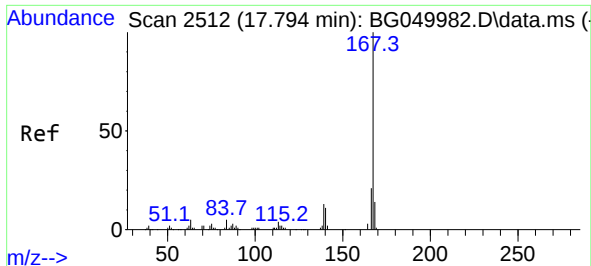


#76
Pentachlorobenzene
Concen: 44.558 ng/uL
RT: 14.952 min Scan# 2028
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

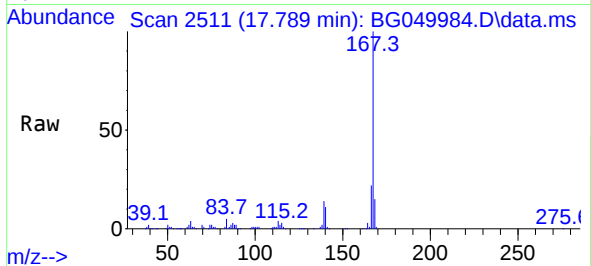


Tgt Ion:250 Resp: 97575
Ion Ratio Lower Upper
250 100
248 62.1 51.5 77.3
252 66.2 47.9 71.9

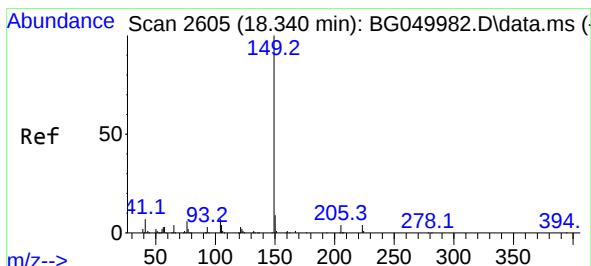
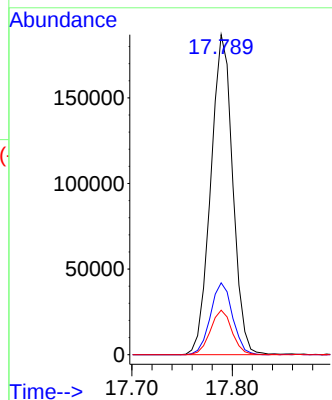
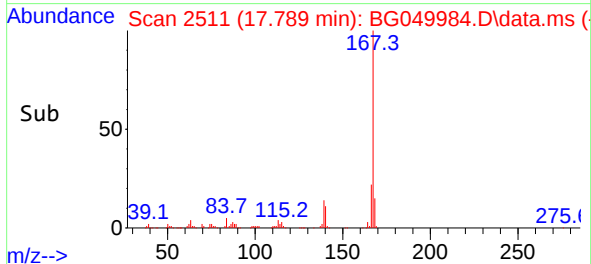




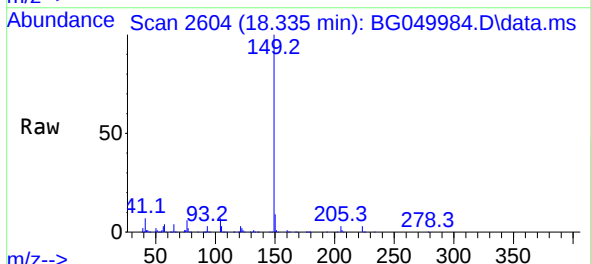
#77
 Carbazole
 Concen: 41.029 ng/ul
 RT: 17.789 min Scan# 2511
 Delta R.T. -0.010 min
 Lab File: BG049984.D
 Acq: 26 Aug 2021 20:55



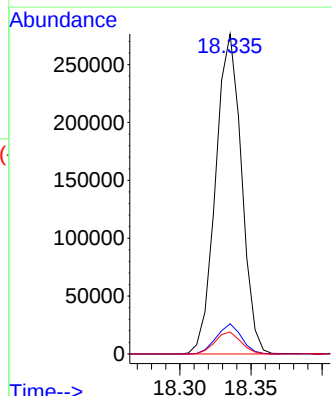
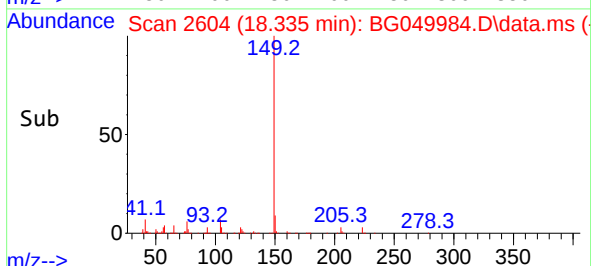
Tgt Ion:167 Resp: 284104
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 13.9 11.1 16.7



#78
 Di-n-butylphthalate
 Concen: 39.489 ng/ul
 RT: 18.335 min Scan# 2604
 Delta R.T. -0.010 min
 Lab File: BG049984.D
 Acq: 26 Aug 2021 20:55



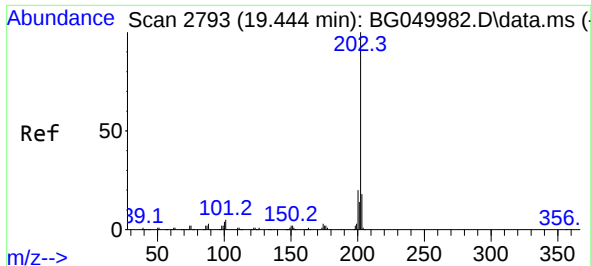
Tgt Ion:149 Resp: 349715
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 6.9 5.3 7.9



Instrument :
 BNA_G
 ClientSampleId :
 SLCS723

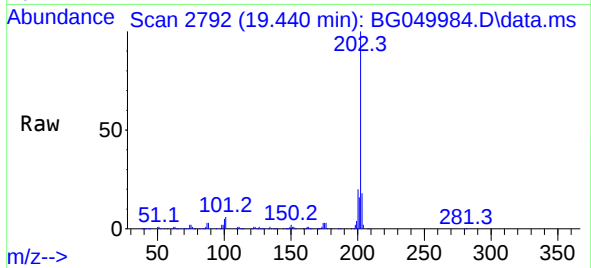
Manual Integrations
 APPROVED

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#80
Fluoranthene
Concen: 43.736 ng/ul
RT: 19.440 min Scan# 2792
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

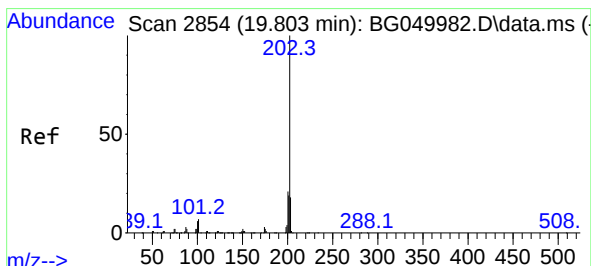
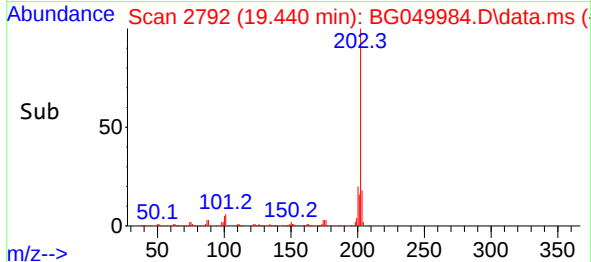
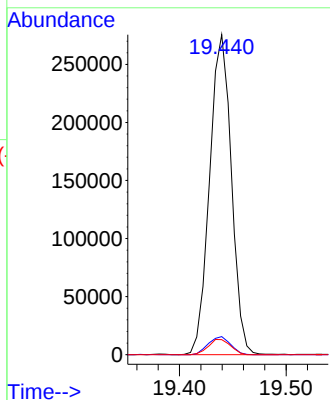
Instrument :
BNA_G
ClientSampleId :
SLCS723



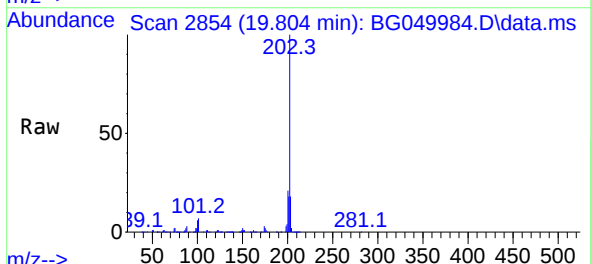
Tgt Ion:202 Resp: 390759
Ion Ratio Lower Upper
202 100
101 5.6 4.3 6.5
100 4.7 3.5 5.3

Manual Integrations
APPROVED

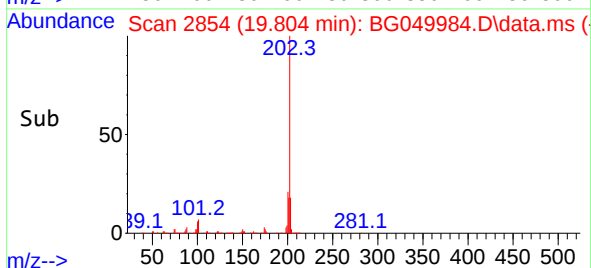
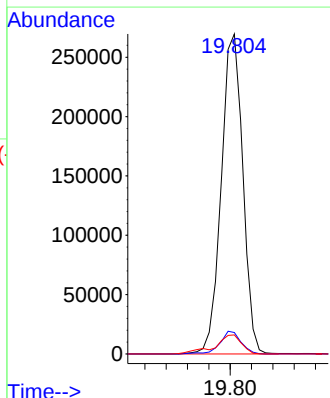
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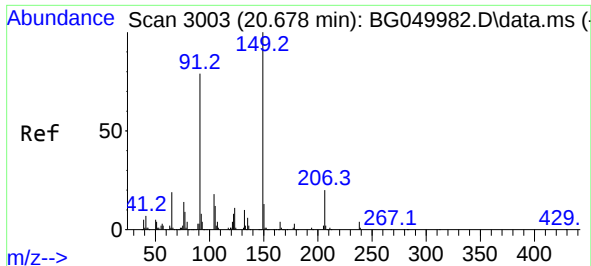


#82
Pyrene
Concen: 42.697 ng/ul
RT: 19.804 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

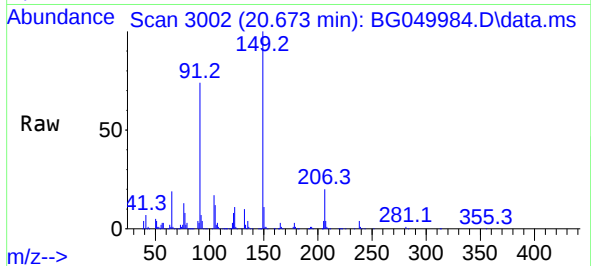


Tgt Ion:202 Resp: 378008
Ion Ratio Lower Upper
202 100
101 6.7 5.4 8.0
100 5.9 5.0 7.6

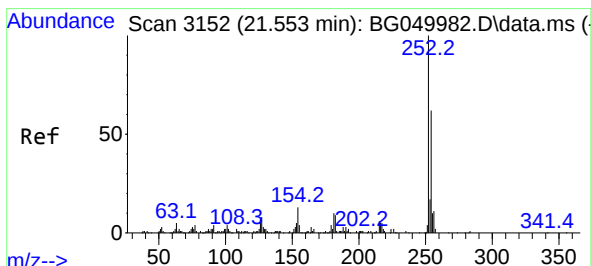
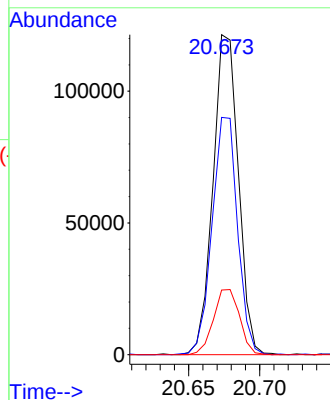
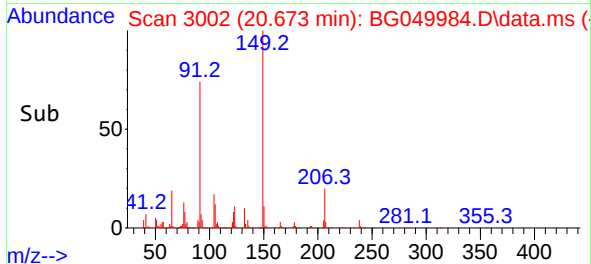




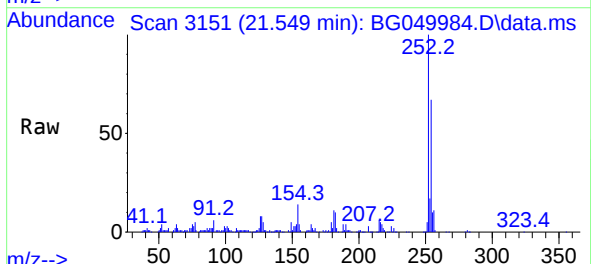
#83
Butylbenzylphthalate
Concen: 43.190 ng/ul
RT: 20.673 min Scan# 3002
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



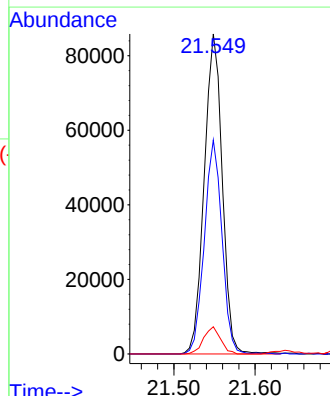
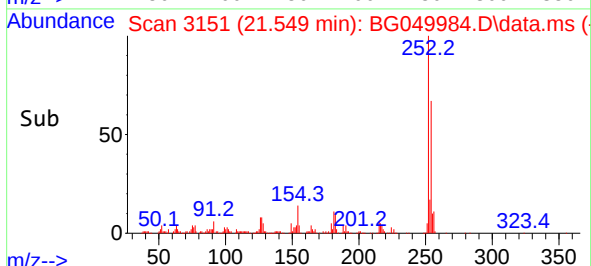
Tgt Ion:149 Resp: 150896
Ion Ratio Lower Upper
149 100
91 74.2 60.6 90.8
206 20.2 16.8 25.2



#84
3,3'-Dichlorobenzidine
Concen: 41.658 ng/ul
RT: 21.549 min Scan# 3151
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



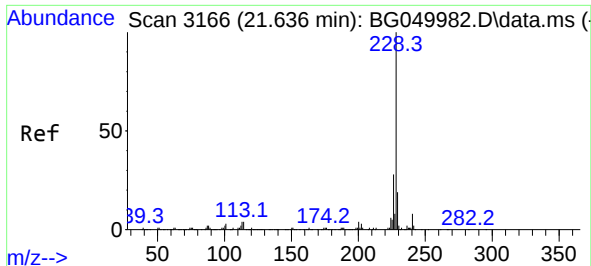
Tgt Ion:252 Resp: 132305
Ion Ratio Lower Upper
252 100
254 66.8 54.2 81.2
126 8.5 5.4 8.0#



Instrument :
BNA_G
ClientSampleId :
SLCS723

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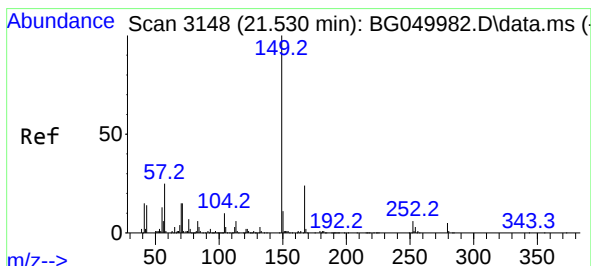
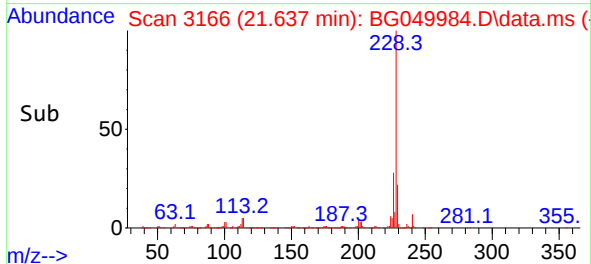
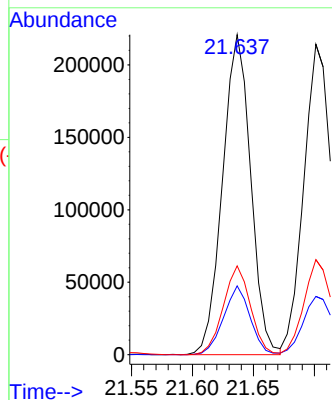
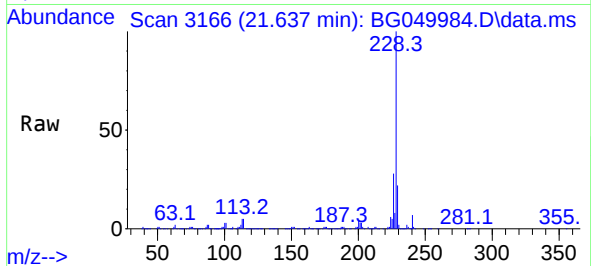
#85
Benzo(a)anthracene
Concen: 42.590 ng/ul
RT: 21.637 min Scan# 3166
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:228 Resp: 355557
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.4
226 27.8 21.0 31.4

Instrument :
BNA_G
ClientSampled :
SLCS723

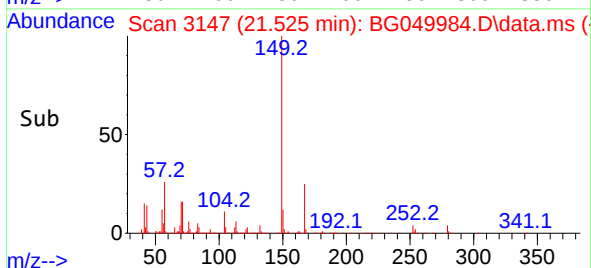
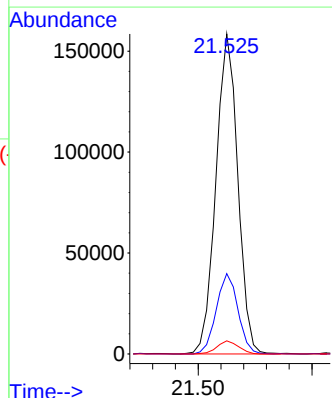
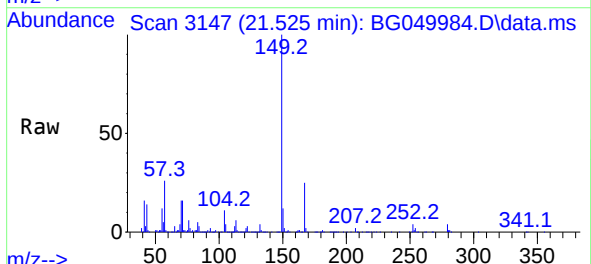
Manual Integrations
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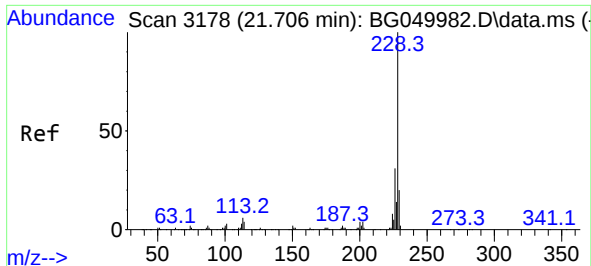
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#86
Bis(2-ethylhexyl)phthalate
Concen: 44.178 ng/ul
RT: 21.525 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:149 Resp: 211967
Ion Ratio Lower Upper
149 100
167 25.1 20.4 30.6
279 4.1 3.7 5.5





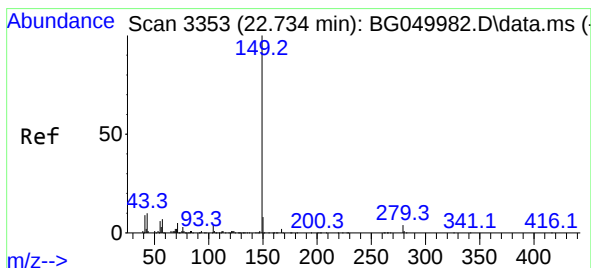
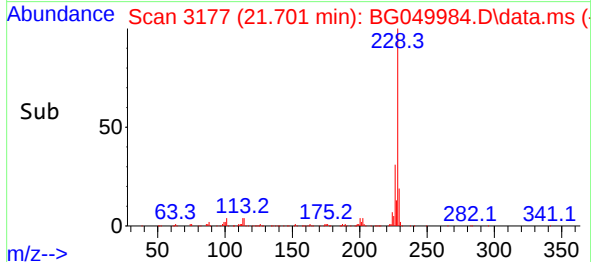
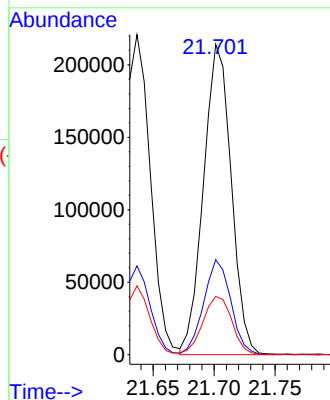
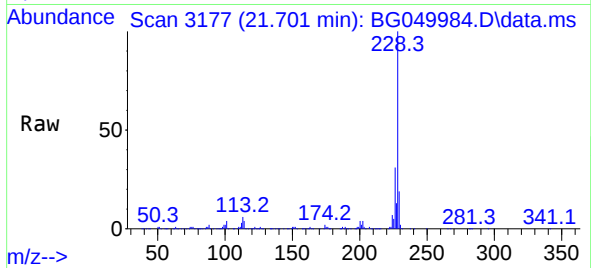
#87
Chrysene
Concen: 42.945 ng/ul
RT: 21.701 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:228 Resp: 338912
Ion Ratio Lower Upper
228 100
226 30.6 23.0 34.4
229 18.8 17.8 26.6

Instrument :
BNA_G
ClientSampleId :
SLCS723

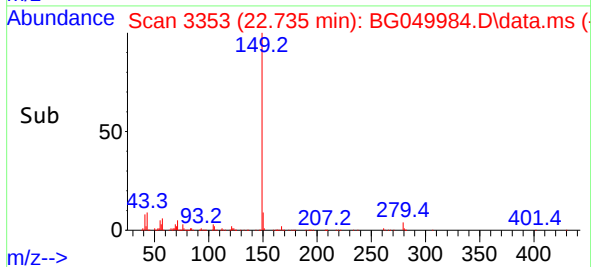
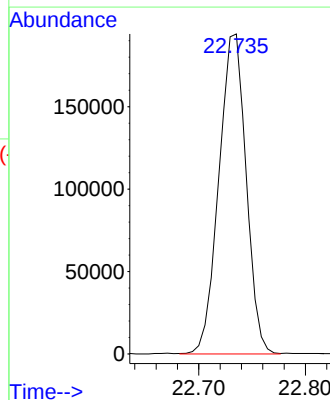
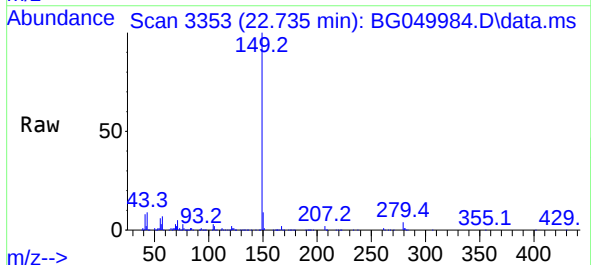
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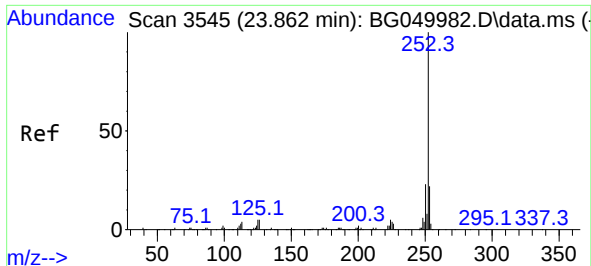
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#89
Di-n-octyl phthalate
Concen: 41.977 ng/ul
RT: 22.735 min Scan# 3353
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:149 Resp: 344570





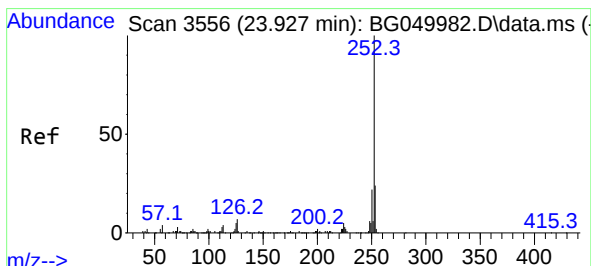
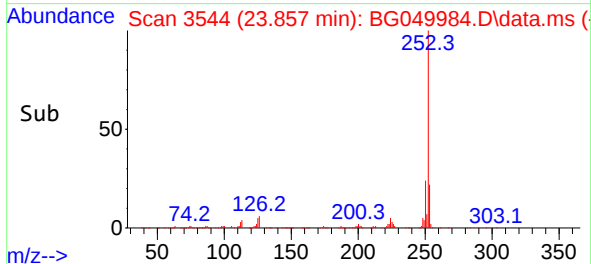
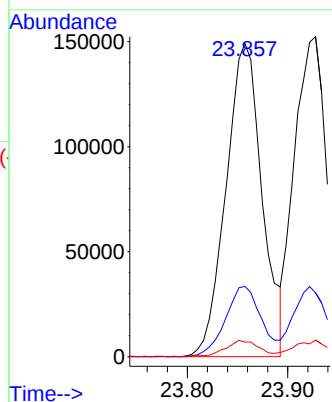
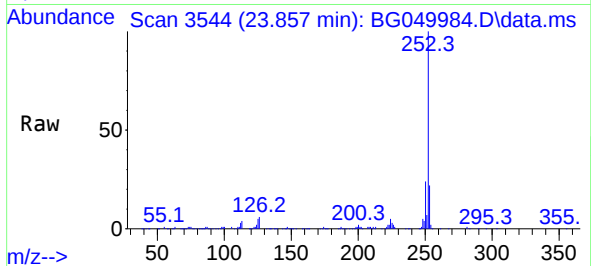
#90
Benzo(b)fluoranthene
Concen: 42.158 ng/ul
RT: 23.857 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

Tgt Ion:252 Resp: 373138
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 4.7 3.4 5.0

Instrument :
BNA_G
ClientSampled :
SLCS723

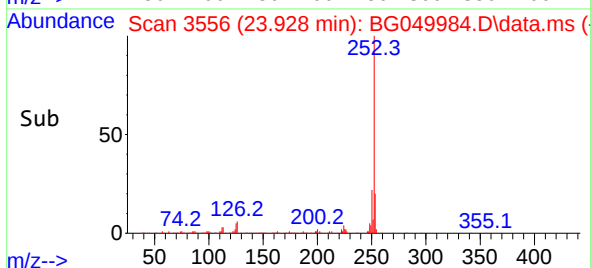
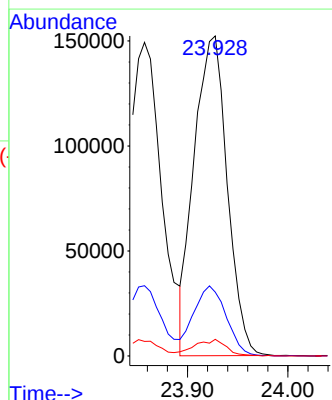
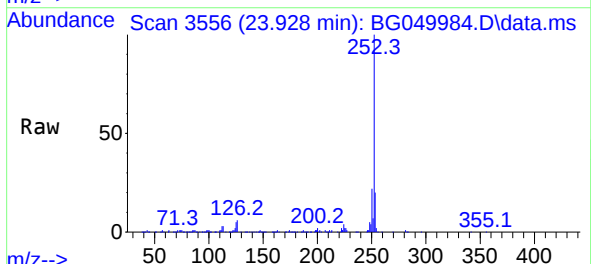
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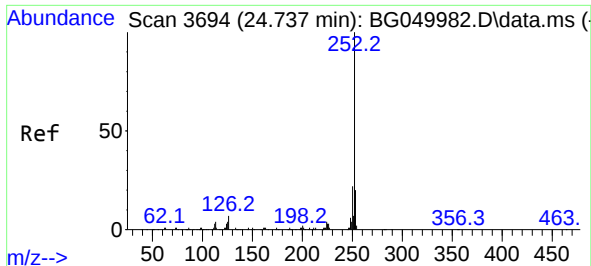
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#91
Benzo(k)fluoranthene
Concen: 41.499 ng/ul
RT: 23.928 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

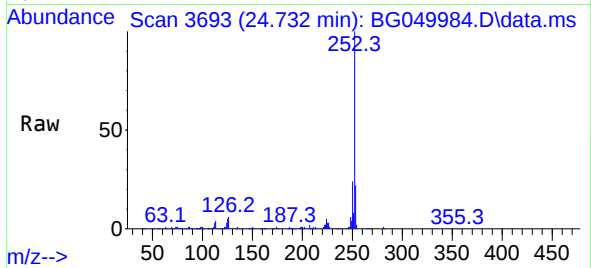
Tgt Ion:252 Resp: 349141
Ion Ratio Lower Upper
252 100
253 19.9 17.7 26.5
125 5.2 4.1 6.1





#93
Benzo(a)pyrene
Concen: 41.995 ng/ul
RT: 24.732 min Scan# 3693
Delta R.T. -0.010 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

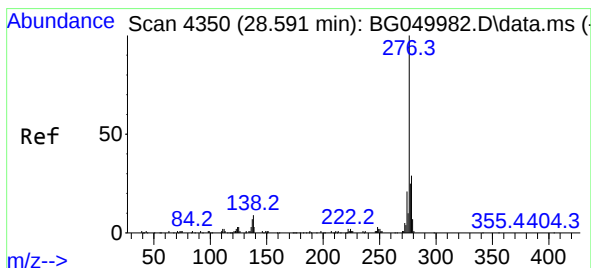
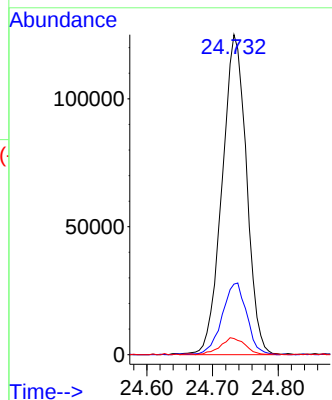
Instrument :
BNA_G
ClientSampled :
SLCS723



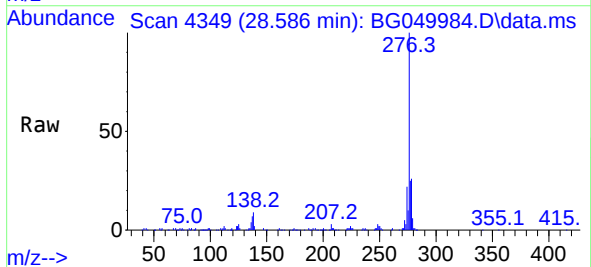
Tgt Ion:252 Resp: 322801
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 5.1 4.4 6.6

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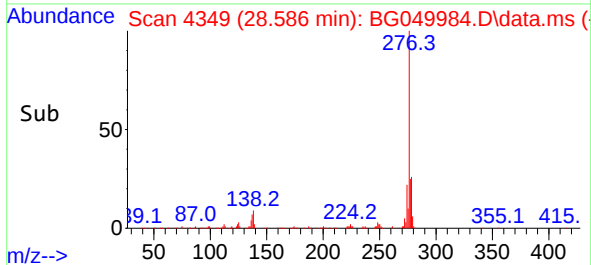
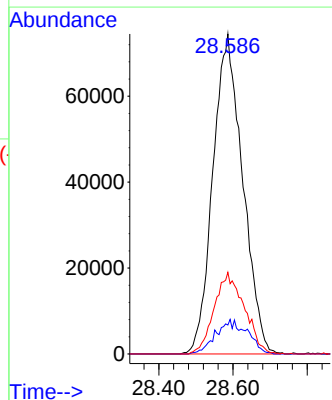
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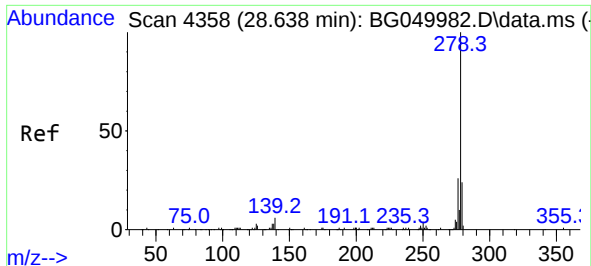


#94
Indeno(1,2,3-cd)pyrene
Concen: 40.896 ng/ul
RT: 28.586 min Scan# 4349
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



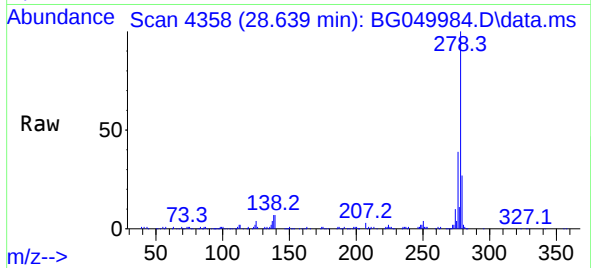
Tgt Ion:276 Resp: 414674
Ion Ratio Lower Upper
276 100
138 9.0 5.5 8.3#
277 25.5 18.6 27.8



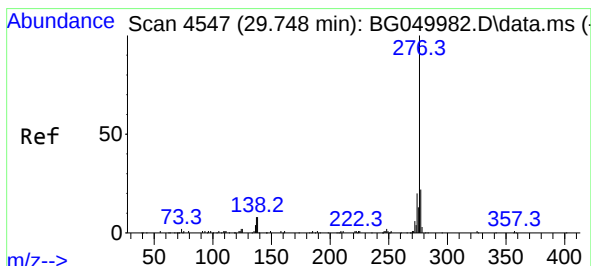
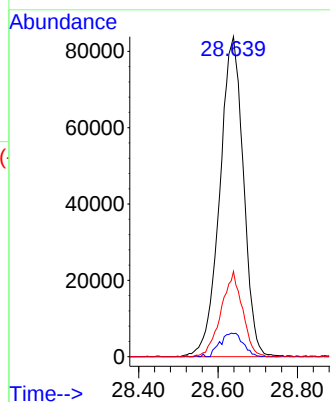
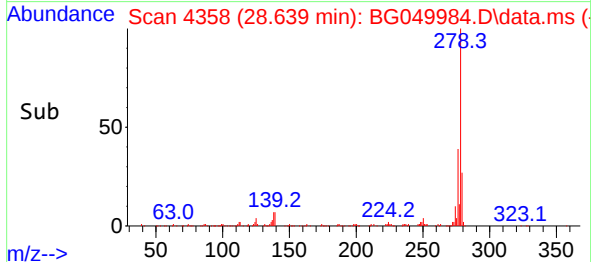


#95
Dibenzo(a,h)anthracene
Concen: 40.848 ng/ul
RT: 28.639 min Scan# 4358
Delta R.T. -0.005 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55

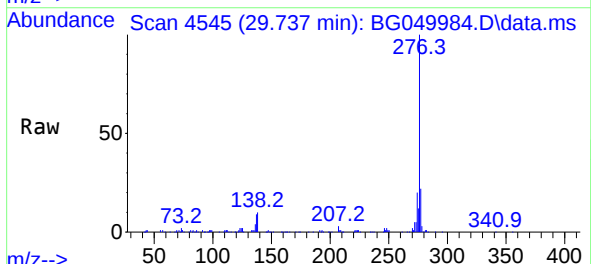
Instrument :
BNA_G
ClientSampled :
SLCS723



Tgt Ion:278 Resp: 346728
Ion Ratio Lower Upper
278 100
139 7.2 5.2 7.8
279 26.7 19.0 28.4



#96
Benzo(g,h,i)perylene
Concen: 40.165 ng/ul
RT: 29.737 min Scan# 4545
Delta R.T. 0.001 min
Lab File: BG049984.D
Acq: 26 Aug 2021 20:55



Tgt Ion:276 Resp: 342394
Ion Ratio Lower Upper
276 100
138 10.1 8.6 13.0
277 22.3 17.4 26.0

