

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057294.D
 Acq On : 3 May 2023 20:01
 Operator : CG/JU
 Sample : PB152413BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS413

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 04 04:09:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	13264	20.000	ng/u1	0.00
20) Naphthalene-d8	11.221	136	57106	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.993	164	46860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	106040	20.000	ng/u1	0.00
79) Chrysene-d12	22.054	240	86562	20.000	ng/u1	# 0.00
88) Perylene-d12	25.590	264	92637	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1405	4.661	ng/uL	0.00
4) Pyridine-d5	4.102	84	19675	20.705	ng/u1	0.00
7) Phenol-d5	7.521	99	35891	28.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	19005	25.759	ng/u1	0.00
11) 2-Chlorophenol-d4	7.908	132	25374	30.696	ng/u1	0.00
15) 4-Methylphenol-d8	9.083	113	28624	30.024	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	13255	29.147	ng/u1	0.00
24) 2-Nitrophenol-d4	10.287	143	16197	30.518	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	33644	32.857	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	35239	25.966	ng/u1	0.00
46) Dimethylphthalate-d6	14.382	166	109069	29.375	ng/u1	0.00
49) Acenaphthylene-d8	14.693	160	129592	31.053	ng/u1	0.00
54) 4-Nitrophenol-d4	15.193	143	14295	26.449	ng/u1	0.01
60) Fluorene-d10	15.980	176	102097	29.517	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.103	200	13136	20.908	ng/u1	0.00
73) Anthracene-d10	17.836	188	150493	31.092	ng/u1	0.00
81) Pyrene-d10	20.104	212	160247	31.188	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.343	264	150397	31.866	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	3243	10.145	ng/uL#	72
5) Pyridine	4.119	79	21270	21.234	ng/u1#	86
6) Benzaldehyde	7.503	77	20324	53.049	ng/u1	88
8) Phenol	7.550	94	35157	27.808	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.779	93	23585	24.925	ng/u1	95
12) 2-Chlorophenol	7.944	128	24913	28.693	ng/u1	97
13) 2-Methylphenol	8.819	108	27320	27.883	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.895	45	28985	23.758	ng/u1	94
16) Acetophenone	9.207	105	42757	26.063	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.177	70	23573	25.005	ng/u1#	96
18) 4-Methylphenol	9.154	108	28903	27.252	ng/u1	98
19) Hexachloroethane	9.477	117	10733	29.545	ng/u1	95
22) Nitrobenzene	9.600	77	36390	26.872	ng/u1	95
23) Isophorone	10.123	82	66468	25.798	ng/u1	98
25) 2-Nitrophenol	10.317	139	15775	29.345	ng/u1	96
26) 2,4-Dimethylphenol	10.364	107	32248	26.444	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.593	93	33936	25.338	ng/u1	99
29) 2,4-Dichlorophenol	10.863	162	30192	31.064	ng/u1	97
30) Naphthalene	11.268	128	92345	29.452	ng/u1	99
32) 4-Chloroaniline	11.374	127	32249	22.806	ng/u1	93
33) Hexachlorobutadiene	11.539	225	24965	30.285	ng/u1	94
34) Caprolactam	12.120	113	9590	29.310	ng/u1	96
35) 4-Chloro-3-methylphenol	12.473	107	34054	30.452	ng/u1	97
36) 2-Methylnaphthalene	12.849	142	69093	30.049	ng/u1	98

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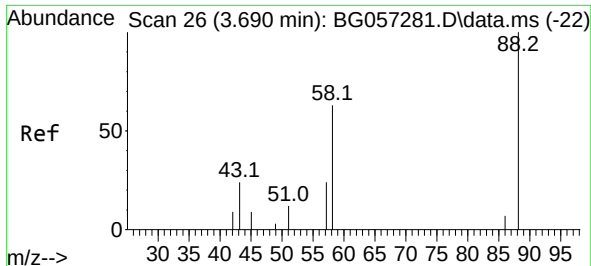
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.060	142	68211	29.502	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.207	216	50671	29.756	ng/ul	99
40) Hexachlorocyclopentadiene	13.178	237	4346	5.114	ng/ul	98
41) 2,4,6-Trichlorophenol	13.448	196	29933	30.181	ng/ul	94
42) 2,4,5-Trichlorophenol	13.524	196	32311	30.344	ng/ul	93
43) 1,1'-Biphenyl	13.830	154	100132	28.004	ng/ul	100
44) 2-Chloronaphthalene	13.883	162	79697	28.746	ng/ul	100
45) 2-Nitroaniline	14.082	65	23875	28.526	ng/ul	95
47) Dimethylphthalate	14.423	163	101287	27.164	ng/ul	98
48) 2,6-Dinitrotoluene	14.564	165	21610	28.162	ng/ul	98
50) Acenaphthylene	14.723	152	122179	28.810	ng/ul	98
51) 3-Nitroaniline	14.893	138	20249	37.242	ng/ul	97
52) Acenaphthene	15.057	153	87469	28.948	ng/ul	98
53) 2,4-Dinitrophenol	15.116	184	5355	13.104	ng/ul	91
55) 4-Nitrophenol	15.204	109	15874	25.909	ng/ul	96
56) Dibenzofuran	15.392	168	124653	28.568	ng/ul	100
57) 2,4-Dinitrotoluene	15.351	165	31439	28.620	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.621	232	27621	28.547	ng/ul#	92
59) Diethylphthalate	15.774	149	101835	26.882	ng/ul	100
61) Fluorene	16.038	166	104156	28.230	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.015	204	60892	28.276	ng/ul	99
63) 4-Nitroaniline	16.050	138	20733	40.267	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.121	198	11963	18.686	ng/ul	98
67) N-Nitrosodiphenylamine	16.226	169	85820	30.982	ng/ul	97
68) 4-Bromophenyl-phenylether	16.908	248	39336	31.036	ng/ul	90
69) Hexachlorobenzene	17.043	284	41646	31.204	ng/ul	97
70) Atrazine	17.160	200	19440	15.791	ng/ul	96
71) Pentachlorophenol	17.390	266	15266	24.746	ng/ul	98
72) Phenanthrene	17.777	178	161658	29.275	ng/ul	99
74) Anthracene	17.871	178	160795	28.988	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.806	216	53214	33.365	ng/uL	98
76) Pentachlorobenzene	15.316	250	53297	32.829	ng/uL	97
77) Carbazole	18.136	167	138170	29.807	ng/ul	99
78) Di-n-butylphthalate	18.647	149	155003	29.242	ng/ul	99
80) Fluoranthene	19.769	202	178466	29.240	ng/ul#	97
82) Pyrene	20.133	202	177696	28.759	ng/ul#	97
83) Butylbenzylphthalate	20.979	149	60478	30.565	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.925	252	58417	30.387	ng/ul	96
85) Benzo(a)anthracene	22.036	228	181161	29.591	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.872	149	84758	29.452	ng/ul	97
87) Chrysene	22.107	228	167328	28.970	ng/ul	98
89) Di-n-octyl phthalate	23.176	149	148065	28.944	ng/ul	100
90) Benzo(b)fluoranthene	24.456	252	187995	29.305	ng/ul#	96
91) Benzo(k)fluoranthene	24.527	252	178600	28.617	ng/ul	99
93) Benzo(a)pyrene	25.420	252	160993	29.069	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.673	276	193570	27.960	ng/ul	95
95) Dibenzo(a,h)anthracene	29.726	278	168405m	29.336	ng/ul	
96) Benzo(g,h,i)perylene	30.954	276	141955	25.336	ng/ul#	97

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



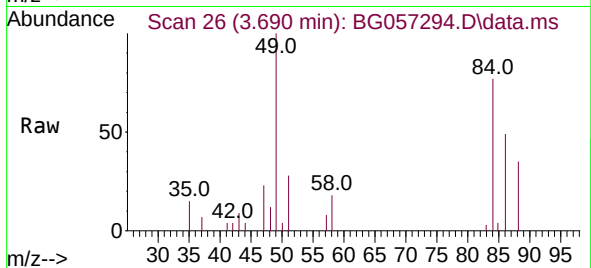
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1,4-Dioxane
Concen: 10.145 ng/uL
RT: 3.690 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

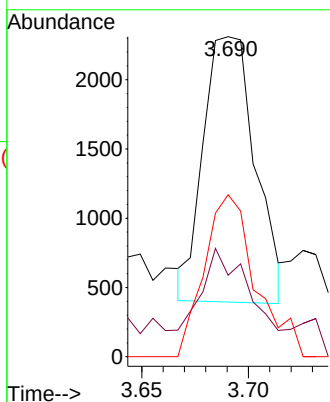
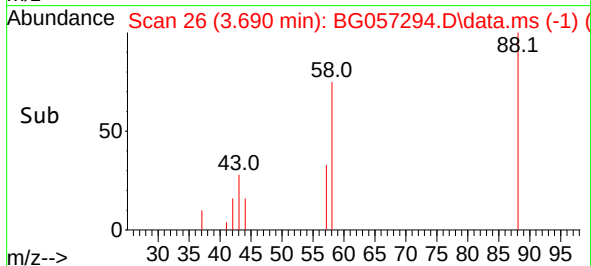
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Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
43 25.4 28.2 42.4
58 50.6 63.3 94.9

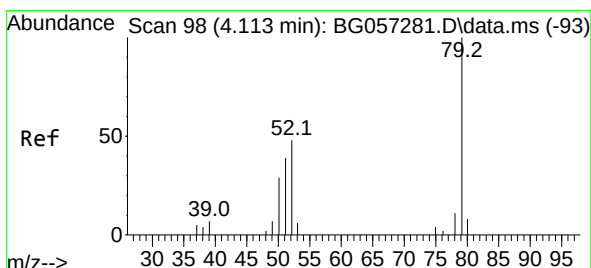
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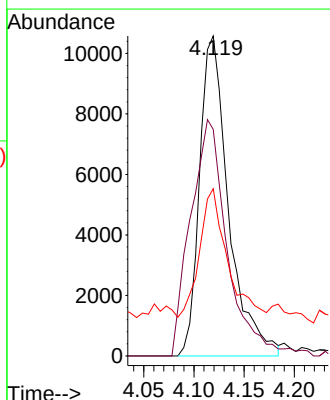
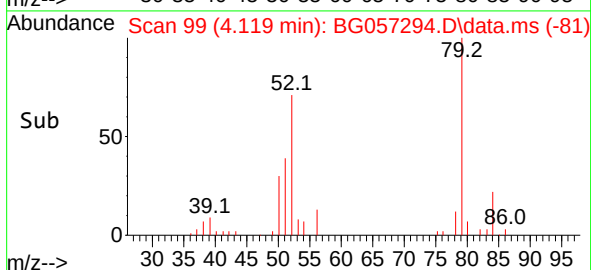
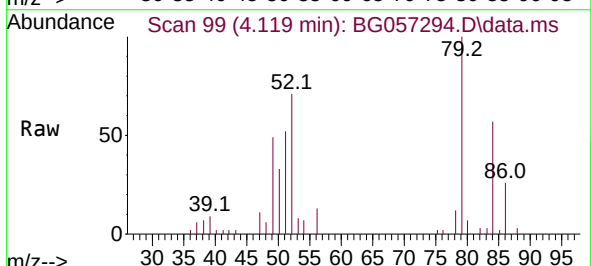
05/04/2023
Supervised By :Jagrut
Upadhyay

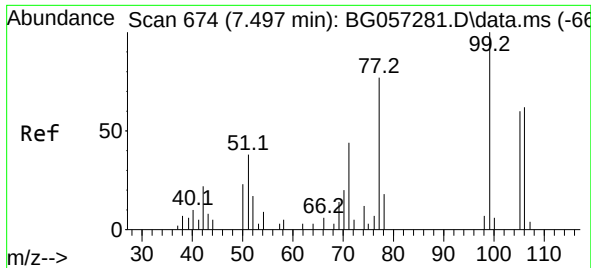
05/04/2023



#5
Pyridine
Concen: 21.234 ng/uL
RT: 4.119 min Scan# 99
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion: 79 Resp: 21270
Ion Ratio Lower Upper
79 100
52 70.8 62.4 93.6
51 52.3 29.0 43.4





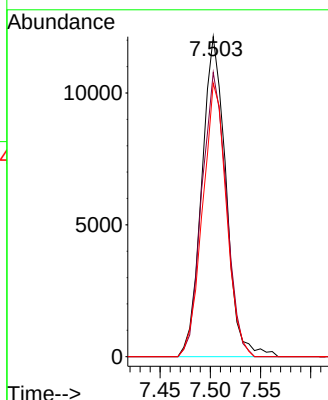
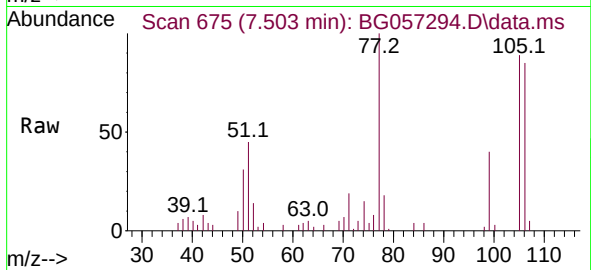
#6
Benzaldehyde
Concen: 53.049 ng/ul
RT: 7.503 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :
BNA_G
ClientSampleId :
SLCS413

Tgt Ion: 77 Resp: 20324
Ion Ratio Lower Upper
77 100
105 88.8 79.8 119.6
106 85.5 78.7 118.1

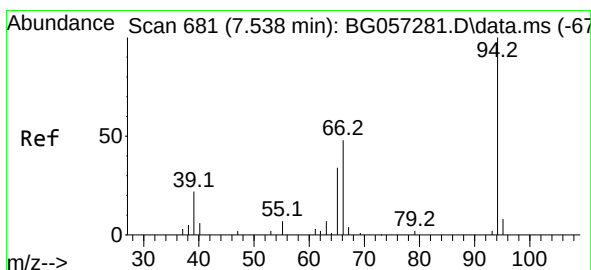
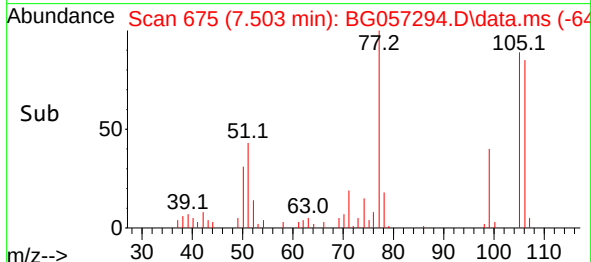
Manual Integrations
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Reviewed By :Christian
Giraldo



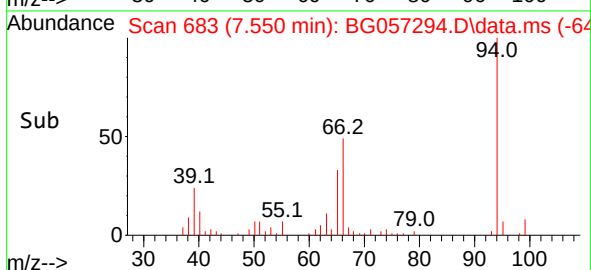
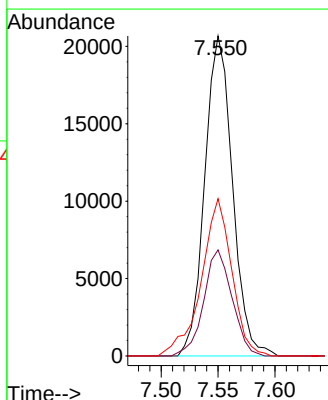
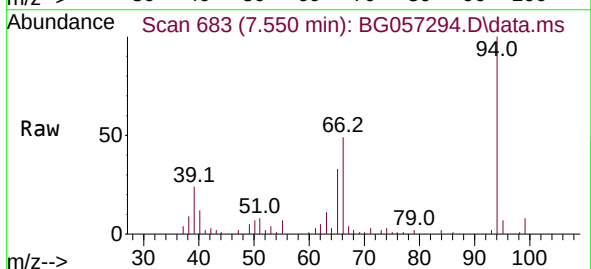
05/04/2023
Supervised By :Jagrut
Upadhyay

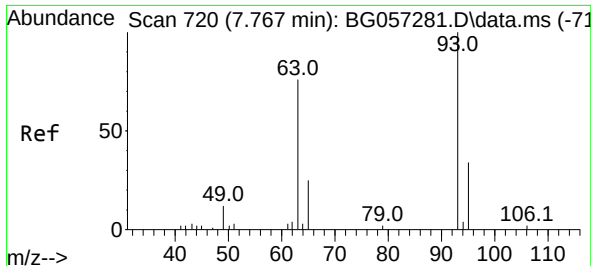
05/04/2023



#8
Phenol
Concen: 27.808 ng/ul
RT: 7.550 min Scan# 683
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion: 94 Resp: 35157
Ion Ratio Lower Upper
94 100
65 33.2 25.5 38.3
66 49.1 36.9 55.3





#10

Bis(2-Chloroethyl)ether

Concen: 24.925 ng/ul

RT: 7.779 min Scan# 71

Delta R.T. 0.003 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

SLCS413

Tgt Ion: 93 Resp: 2358

Ion Ratio Lower Upper

93 100

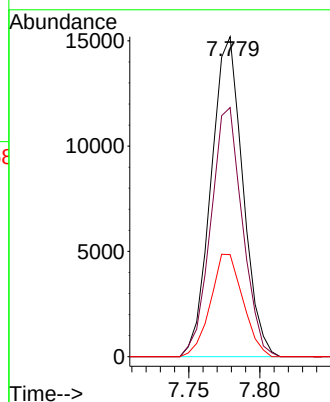
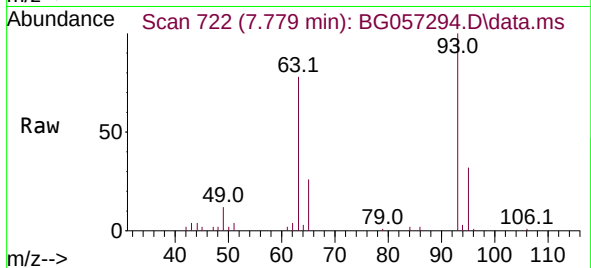
63 77.9 67.2 100.8

95 31.9 26.3 39.5

Manual Integrations

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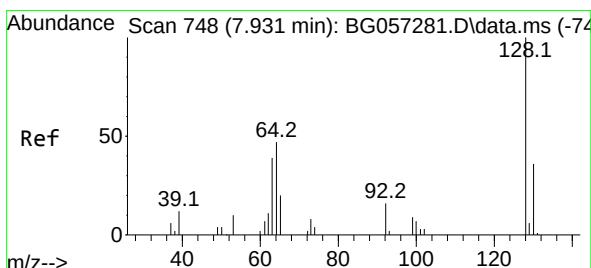
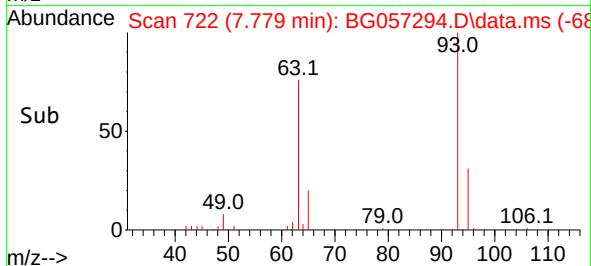
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Giraldo



05/04/2023

Supervised By :Jagrut
Upadhyay

05/04/2023



#12

2-Chlorophenol

Concen: 28.693 ng/ul

RT: 7.944 min Scan# 750

Delta R.T. 0.003 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

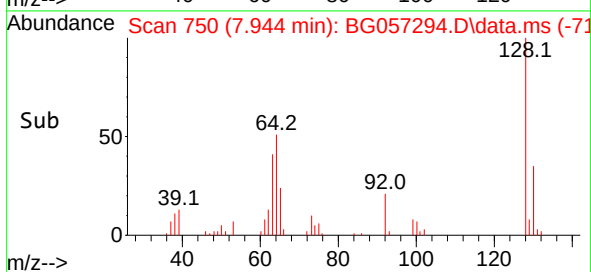
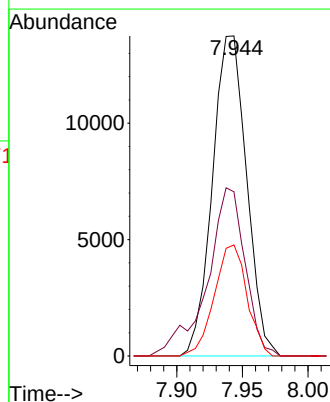
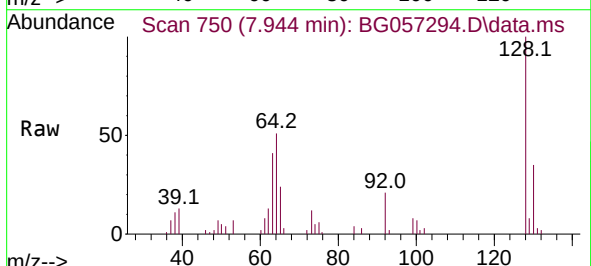
Tgt Ion:128 Resp: 24913

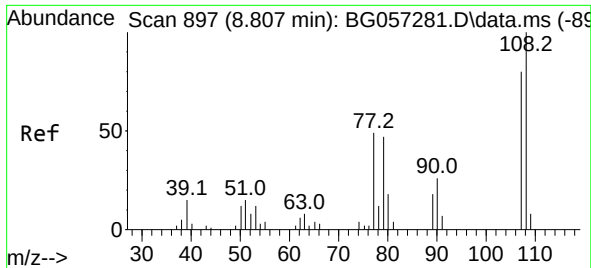
Ion Ratio Lower Upper

128 100

64 51.3 41.3 61.9

130 34.7 24.6 37.0





#13

2-Methylphenol

Concen: 27.883 ng/ul

RT: 8.819 min Scan# 897

Delta R.T. 0.003 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

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Tgt Ion:108 Resp: 27320

Ion Ratio Lower Upper

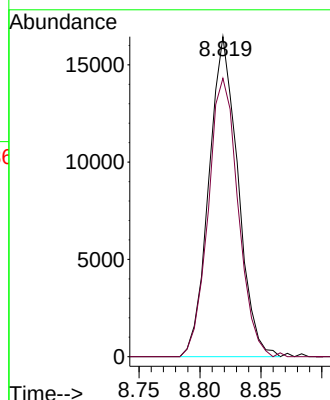
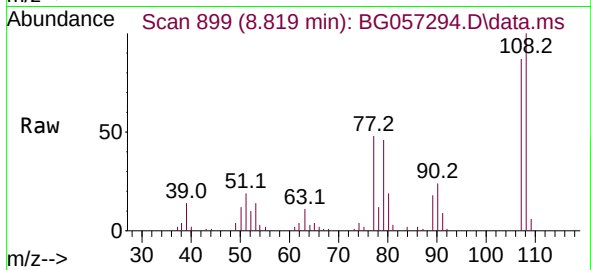
108 100

107 87.0 80.0 120.0

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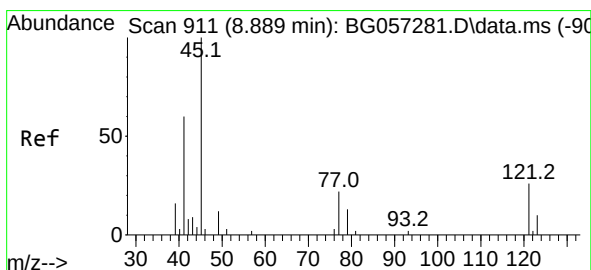
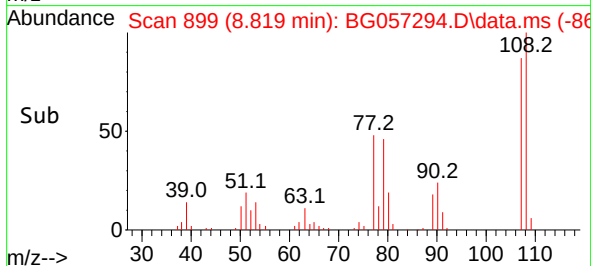
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Giraldo



05/04/2023

Supervised By :Jagrut
Upadhyay

05/04/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.758 ng/ul

RT: 8.895 min Scan# 912

Delta R.T. -0.003 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

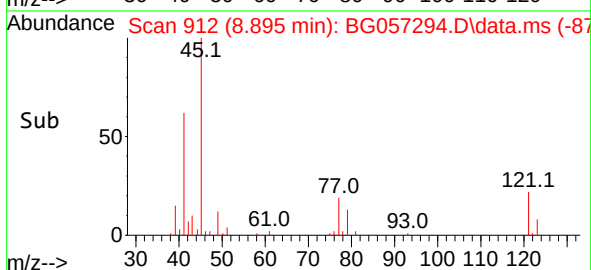
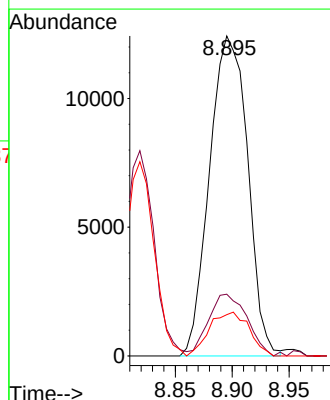
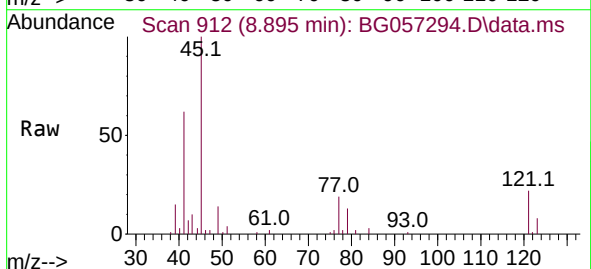
Tgt Ion: 45 Resp: 28985

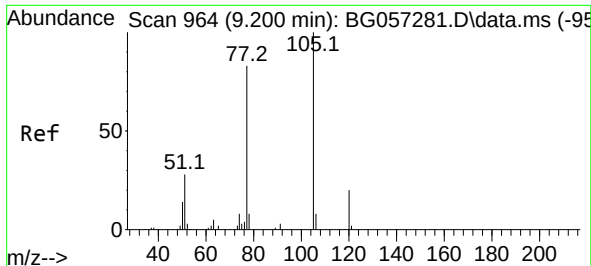
Ion Ratio Lower Upper

45 100

77 19.3 12.9 19.3

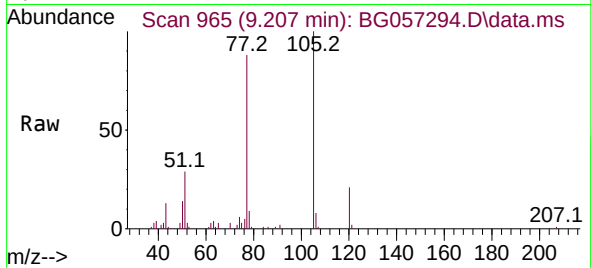
79 12.9 8.9 13.3





#16
Acetophenone
Concen: 26.063 ng/ul
RT: 9.207 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

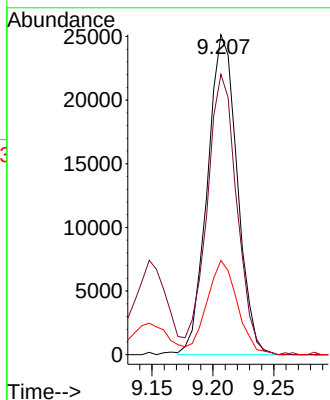
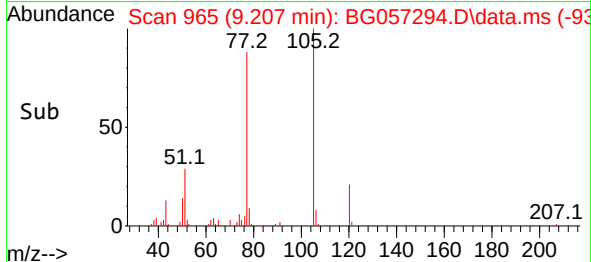
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:105 Resp: 4275
Ion Ratio Lower Upper
105 100
77 87.6 70.6 105.8
51 29.5 24.5 36.7

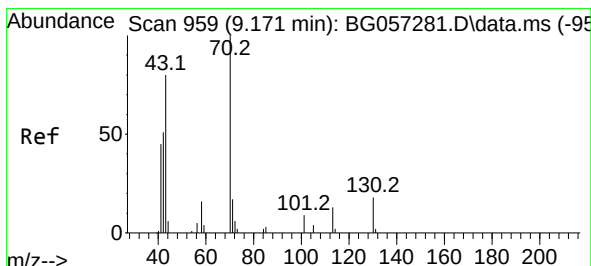
Manual Integrations
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Giraldo



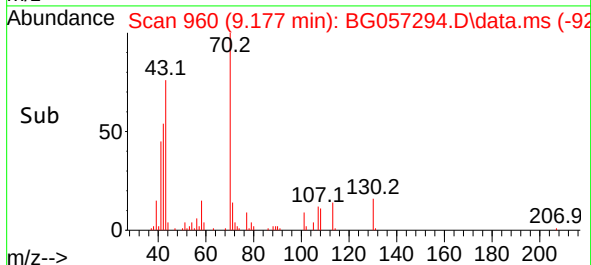
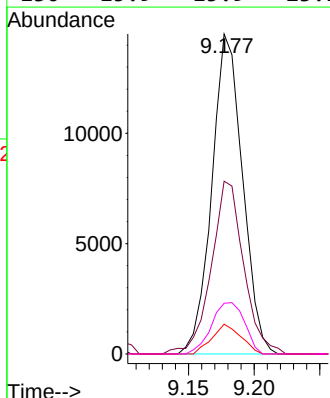
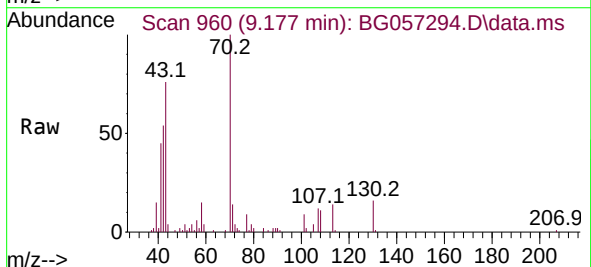
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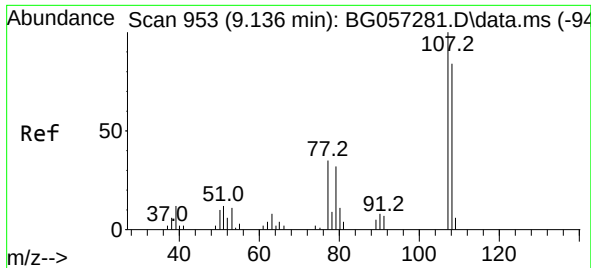
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#17
N-Nitroso-di-n-propylamine
Concen: 25.005 ng/ul
RT: 9.177 min Scan# 960
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

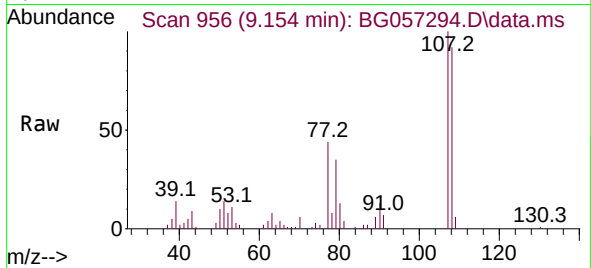
Tgt Ion: 70 Resp: 23573
Ion Ratio Lower Upper
70 100
42 54.0 45.0 67.4
101 9.3 6.5 9.7
130 15.9 15.9 23.9#





#18
4-Methylphenol
Concen: 27.252 ng/ul
RT: 9.154 min Scan# 910
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

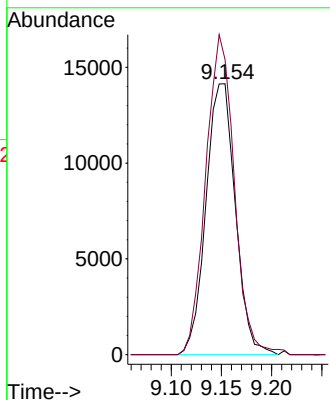
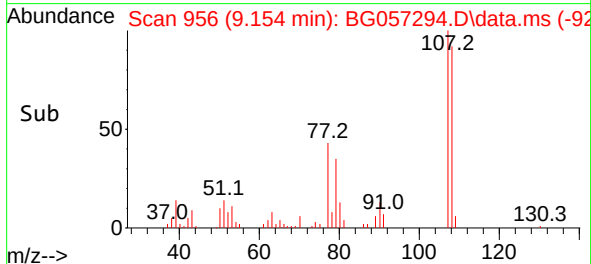
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:108 Resp: 2890
Ion Ratio Lower Upper
108 100
107 108.8 85.1 127.7

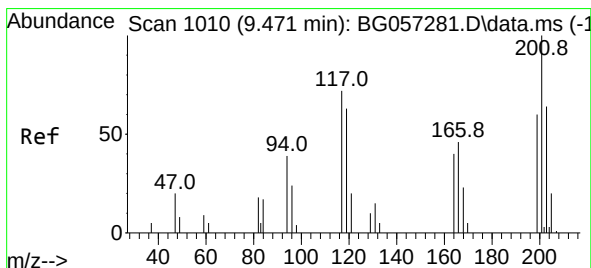
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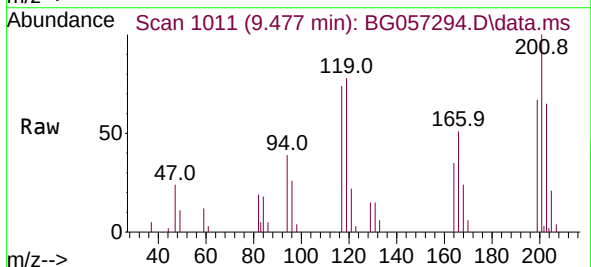


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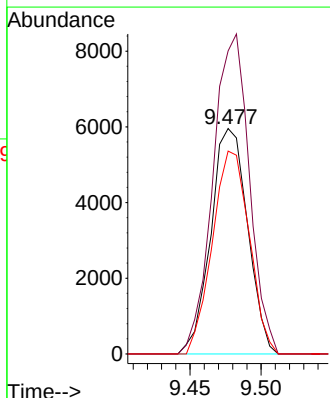
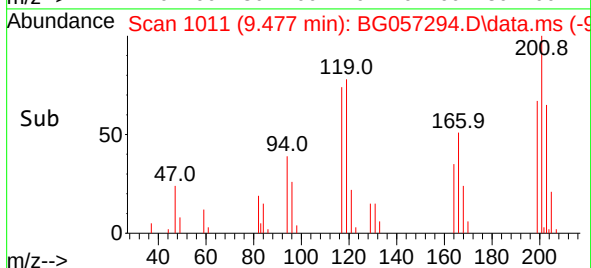
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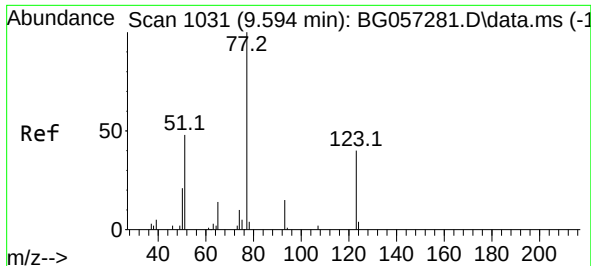


#19
Hexachloroethane
Concen: 29.545 ng/ul
RT: 9.477 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion:117 Resp: 10733
Ion Ratio Lower Upper
117 100
201 134.4 109.4 164.2
199 90.0 65.4 98.2





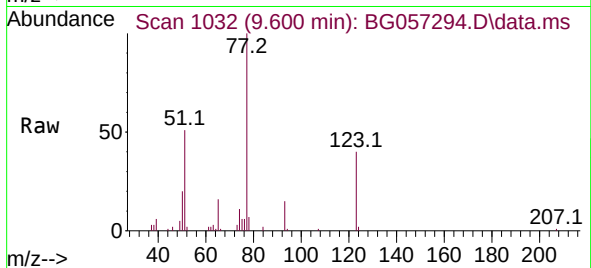
#22
Nitrobenzene
Concen: 26.872 ng/ul
RT: 9.600 min Scan# 1103
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

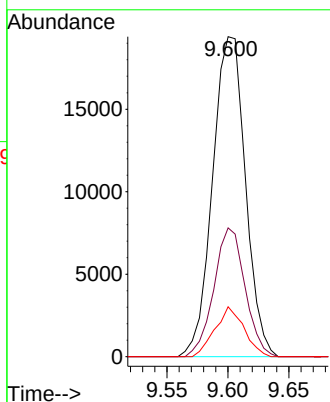
SLCS413



Tgt Ion: 77 Resp: 36390
Ion Ratio Lower Upper
77 100
123 40.3 29.6 44.4
65 15.6 11.4 17.0

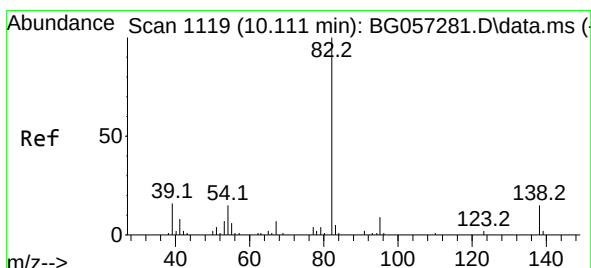
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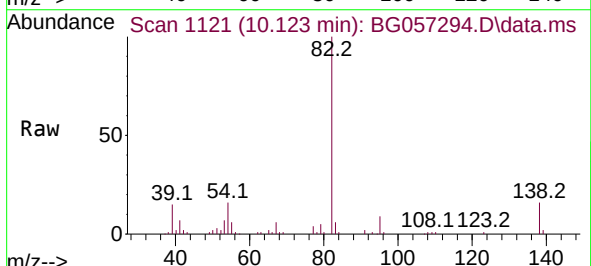


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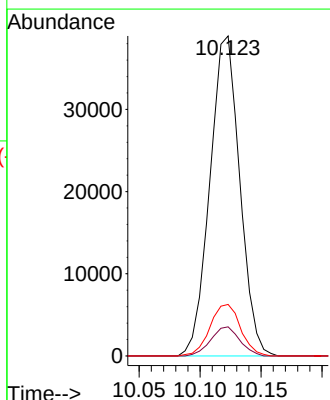
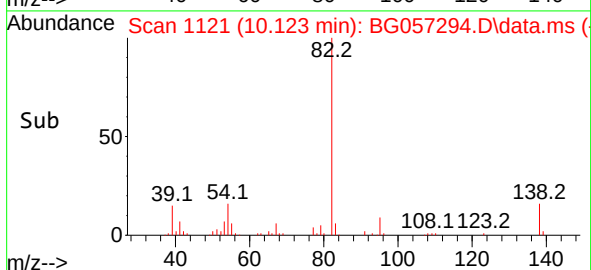
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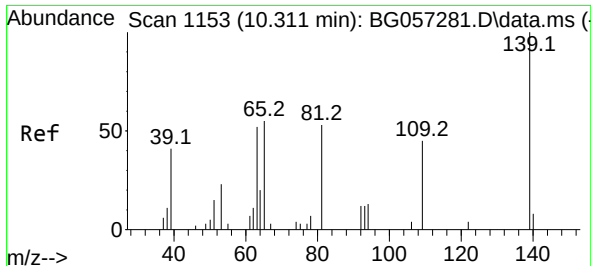


#23
Isophorone
Concen: 25.798 ng/ul
RT: 10.123 min Scan# 1121
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion: 82 Resp: 66468
Ion Ratio Lower Upper
82 100
95 9.1 6.8 10.2
138 16.1 12.2 18.2





#25
2-Nitrophenol
Concen: 29.345 ng/ul
RT: 10.317 min Scan# 1153
Delta R.T. -0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

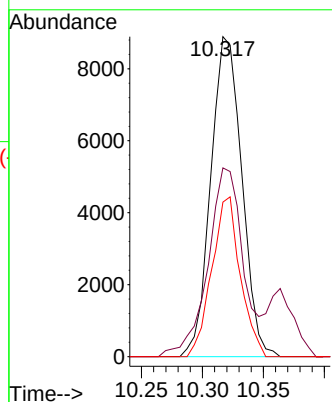
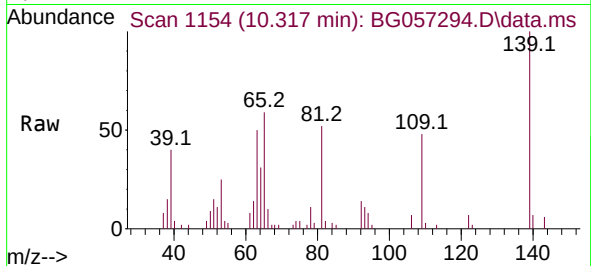
ClientSampleId :

SLCS413

Tgt Ion:139 Resp: 1577
Ion Ratio Lower Upper
139 100
65 59.0 48.7 73.1
109 48.3 35.2 52.8

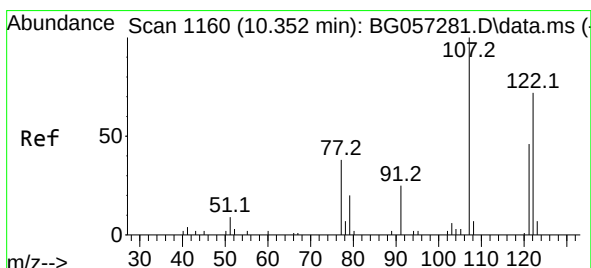
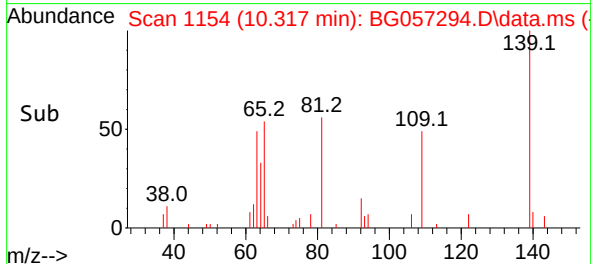
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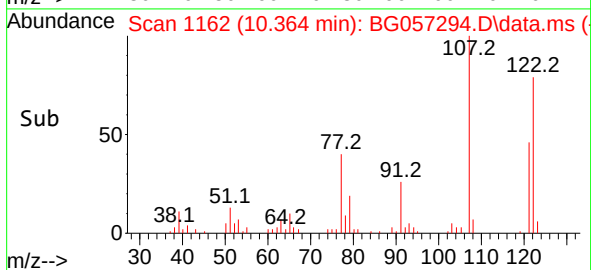
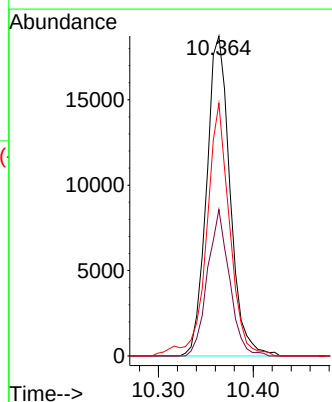
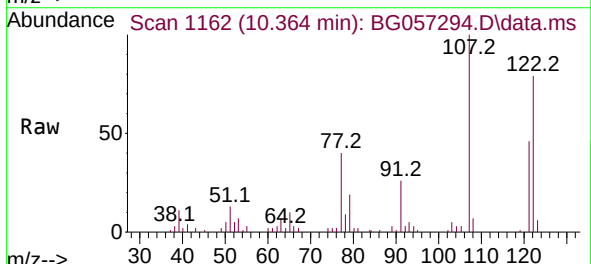
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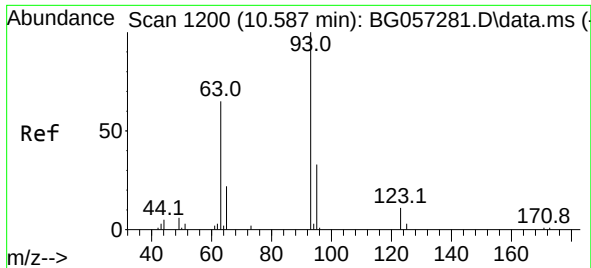
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#26
2,4-Dimethylphenol
Concen: 26.444 ng/ul
RT: 10.364 min Scan# 1162
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion:107 Resp: 32248
Ion Ratio Lower Upper
107 100
121 45.8 35.4 53.0
122 79.0 57.0 85.4





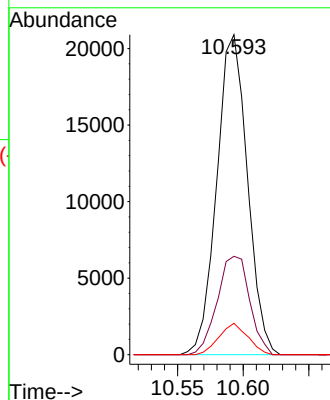
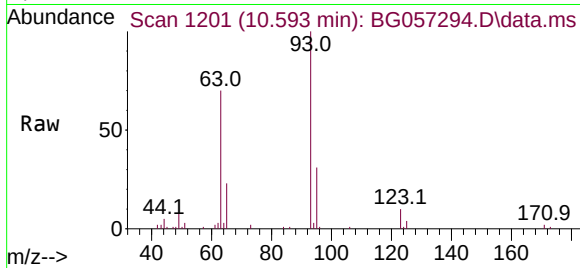
#27
Bis(2-Chloroethoxy)methane
Concen: 25.338 ng/ul
RT: 10.593 min Scan# 1201
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :
BNA_G
ClientSampleId :
SLCS413

Tgt Ion: 93 Resp: 33930
Ion Ratio Lower Upper
93 100
95 30.8 24.8 37.2
123 9.8 8.1 12.1

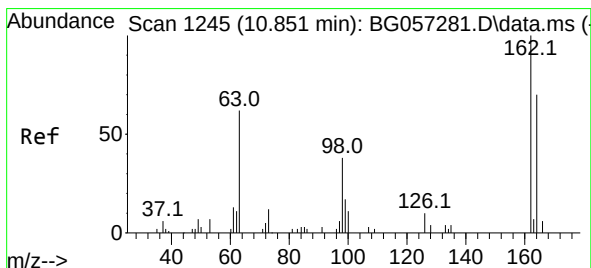
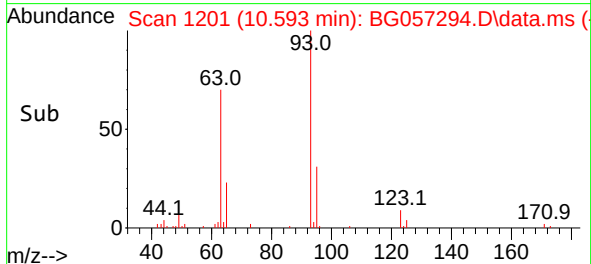
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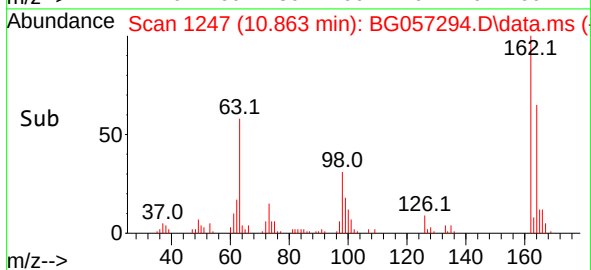
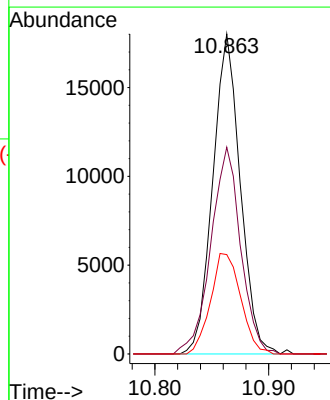
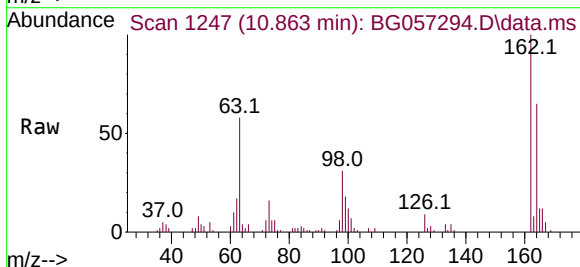
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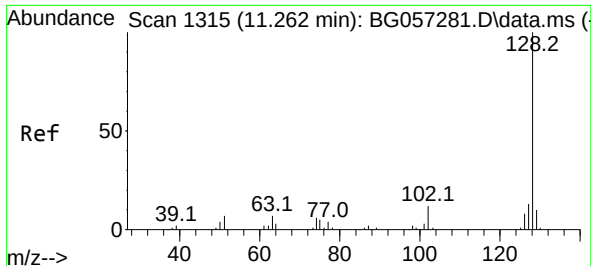
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#29
2,4-Dichlorophenol
Concen: 31.064 ng/ul
RT: 10.863 min Scan# 1247
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

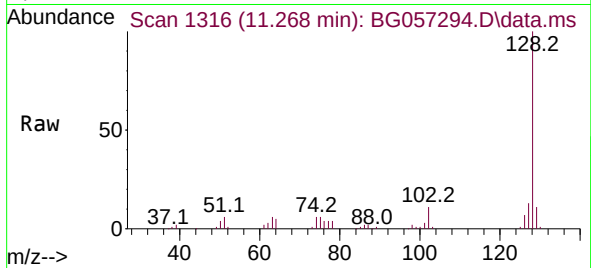
Tgt Ion:162 Resp: 30192
Ion Ratio Lower Upper
162 100
164 64.6 50.5 75.7
98 31.0 27.5 41.3





#30
Naphthalene
Concen: 29.452 ng/ul
RT: 11.268 min Scan# 1126
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

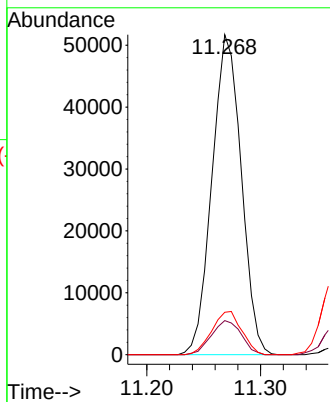
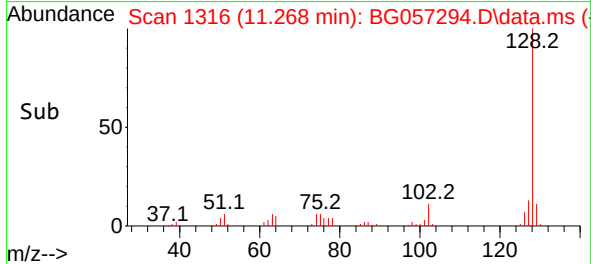
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:128 Resp: 92349
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.3 11.4 17.0

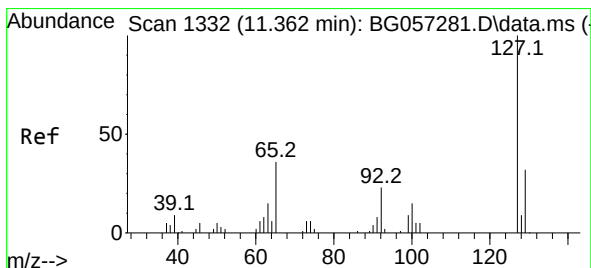
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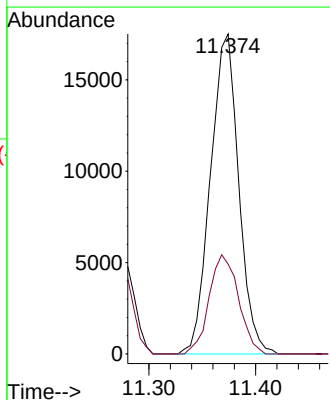
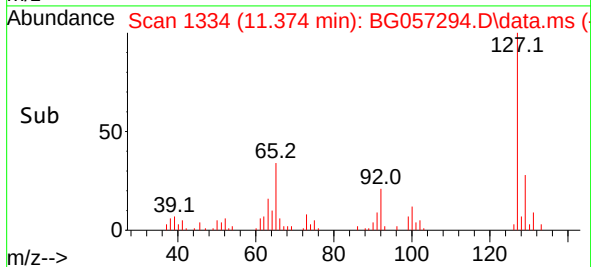
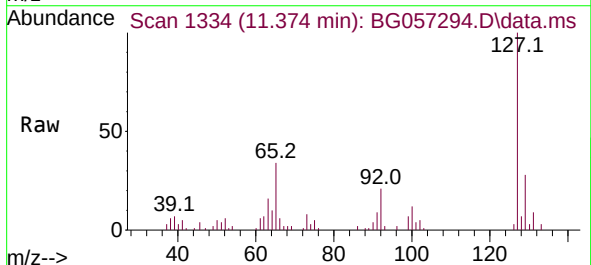
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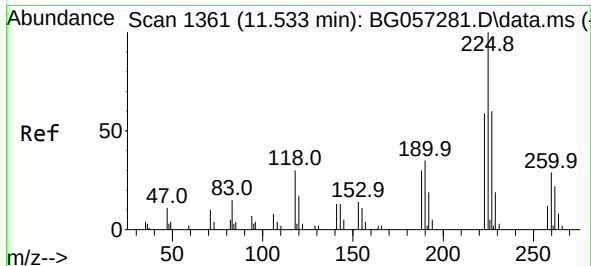
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#32
4-Chloroaniline
Concen: 22.806 ng/ul
RT: 11.374 min Scan# 1334
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion:127 Resp: 32249
Ion Ratio Lower Upper
127 100
129 28.1 25.4 38.0





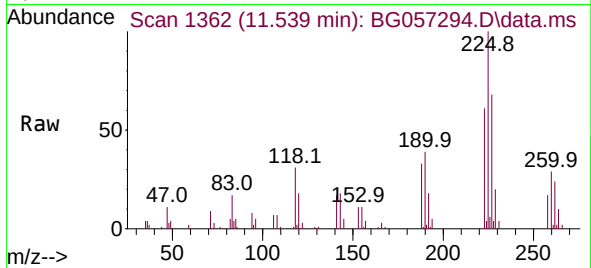
#33
Hexachlorobutadiene
Concen: 30.285 ng/ul
RT: 11.539 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

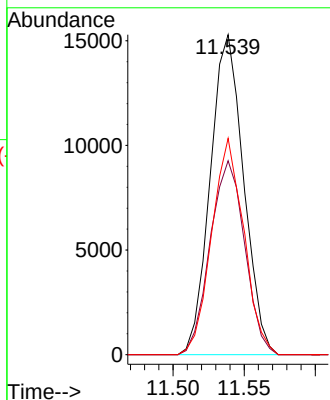
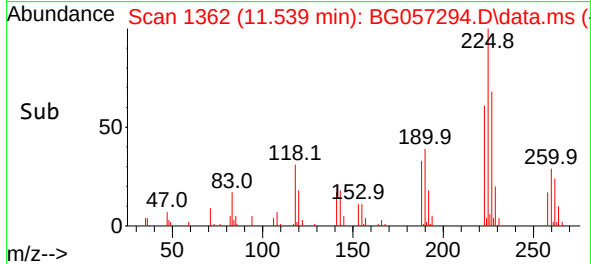
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Tgt Ion:225 Resp: 2496
Ion Ratio Lower Upper
225 100
223 60.6 47.5 71.3
227 67.6 48.4 72.6

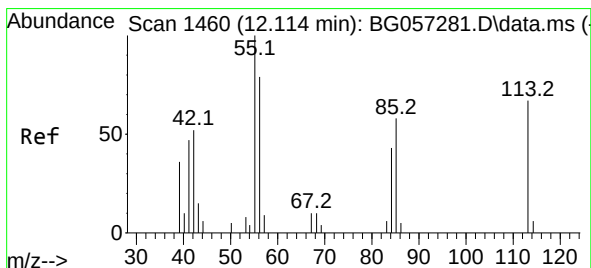
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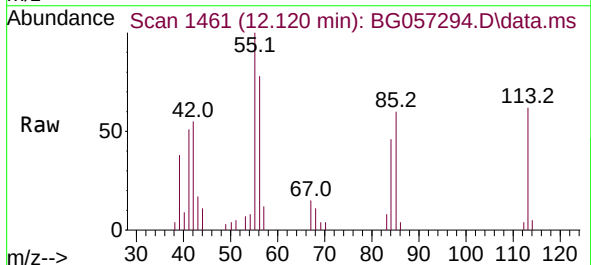


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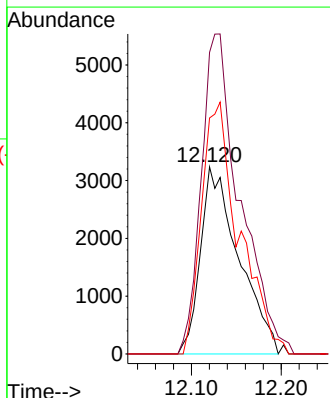
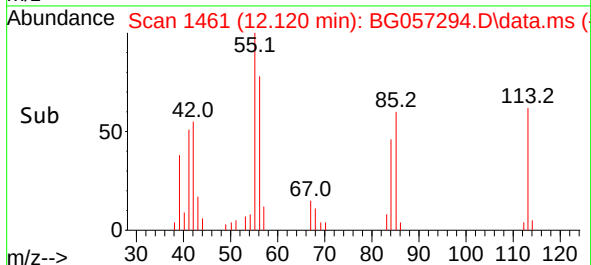
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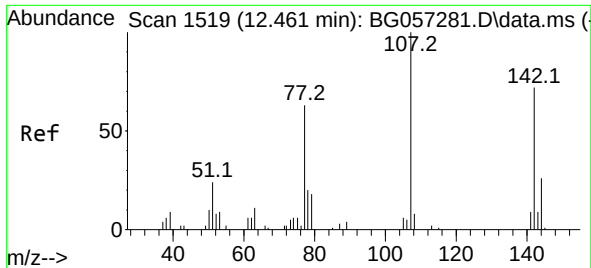


#34
Caprolactam
Concen: 29.310 ng/ul
RT: 12.120 min Scan# 1461
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



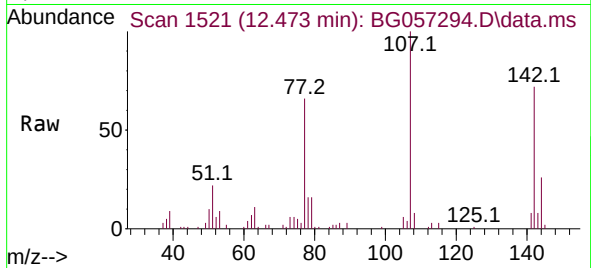
Tgt Ion:113 Resp: 9590
Ion Ratio Lower Upper
113 100
55 161.2 123.1 184.7
56 126.2 98.7 148.1





#35
4-Chloro-3-methylphenol
Concen: 30.452 ng/ul
RT: 12.473 min Scan# 1519
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

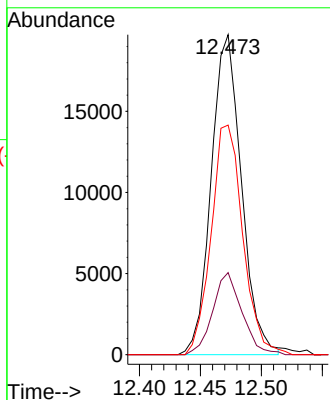
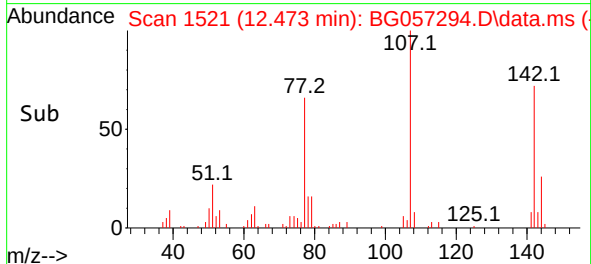
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:107 Resp: 34054
Ion Ratio Lower Upper
107 100
144 25.7 18.3 27.5
142 71.7 58.6 88.0

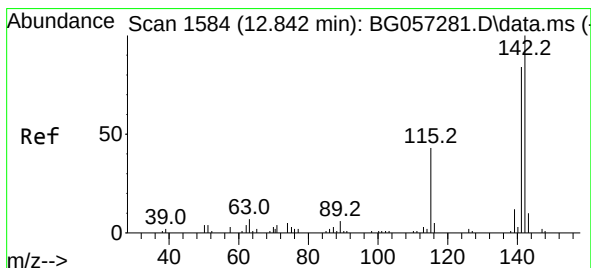
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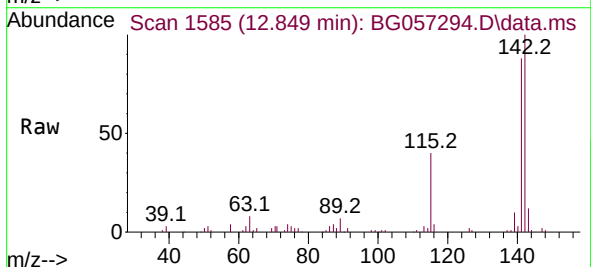


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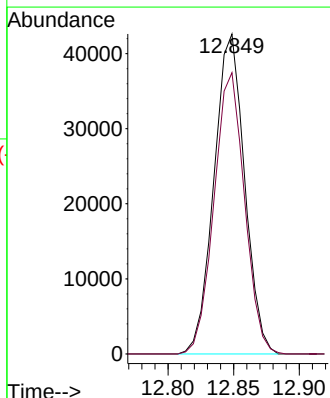
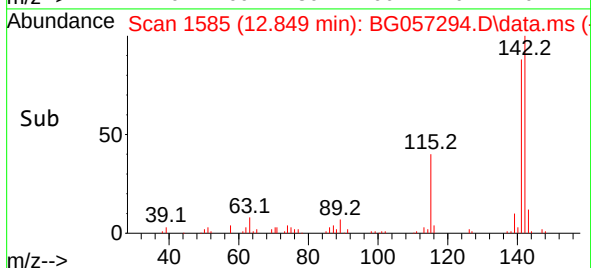
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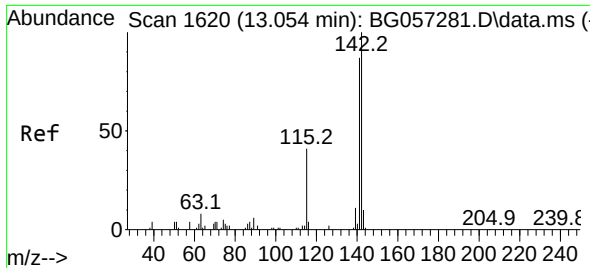


#36
2-Methylnaphthalene
Concen: 30.049 ng/ul
RT: 12.849 min Scan# 1585
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



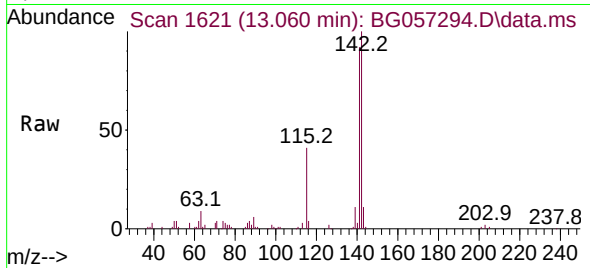
Tgt Ion:142 Resp: 69093
Ion Ratio Lower Upper
142 100
141 87.9 68.7 103.1





#37
1-Methylnaphthalene
Concen: 29.502 ng/ul
RT: 13.060 min Scan# 1621
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

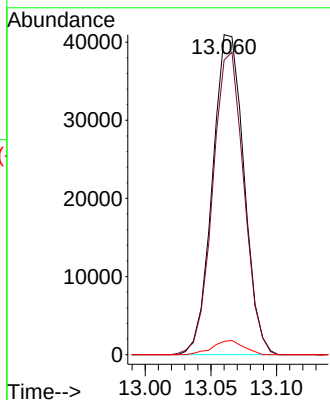
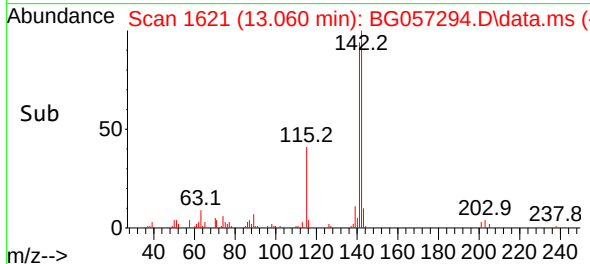
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:142 Resp: 6821
Ion Ratio Lower Upper
142 100
141 92.0 72.9 109.3
116 4.2 3.2 4.8

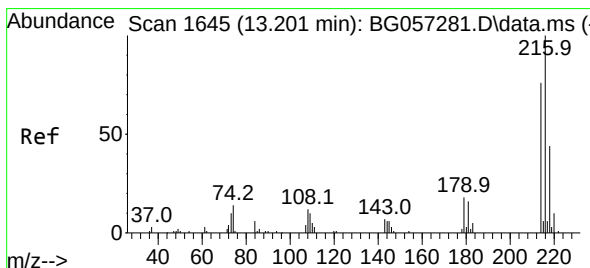
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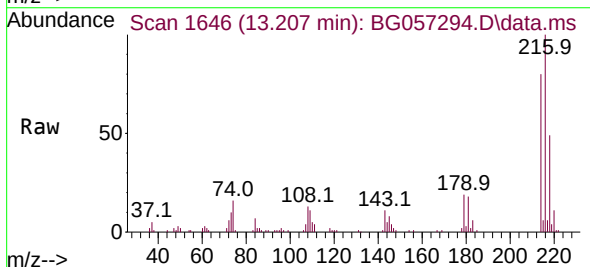


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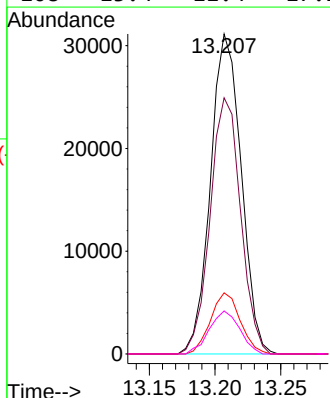
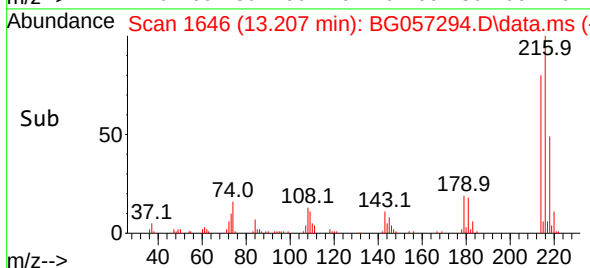
05/04/2023

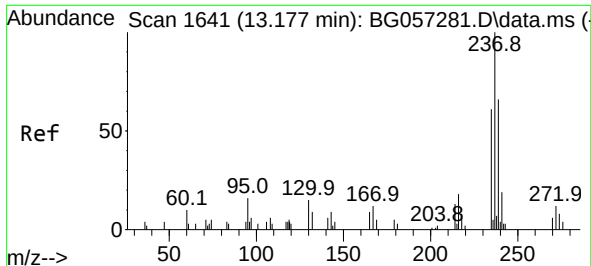


#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.756 ng/ul
RT: 13.207 min Scan# 1646
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



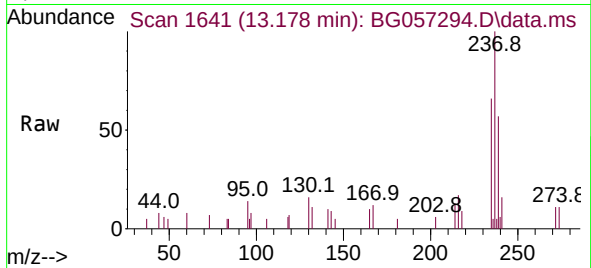
Tgt Ion:216 Resp: 50671
Ion Ratio Lower Upper
216 100
214 80.1 62.9 94.3
179 19.1 15.3 22.9
108 13.4 11.4 17.2





#40
Hexachlorocyclopentadiene
Concen: 5.114 ng/ul
RT: 13.178 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

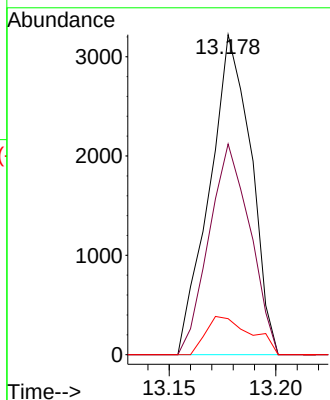
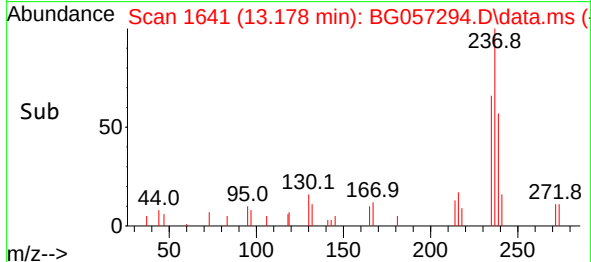
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:237 Resp: 4340
Ion Ratio Lower Upper
237 100
235 65.8 51.4 77.0
272 11.2 9.4 14.2

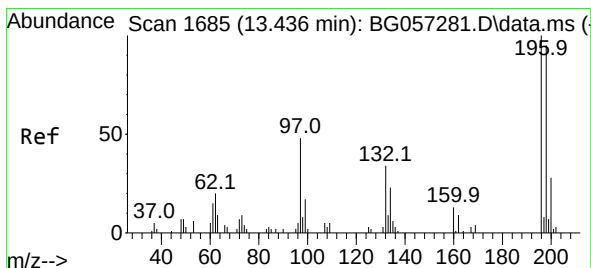
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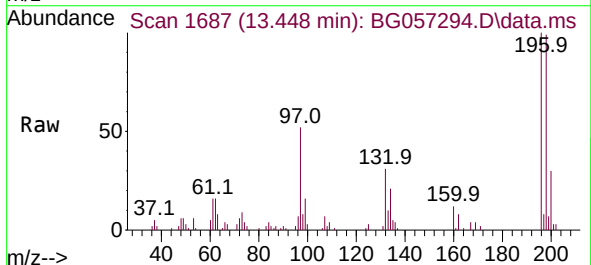


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Upadhyay

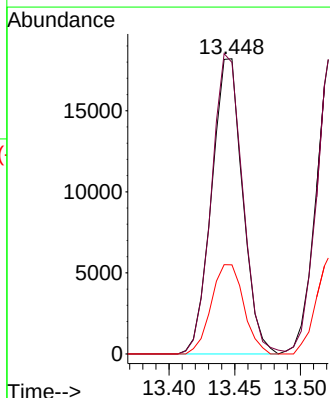
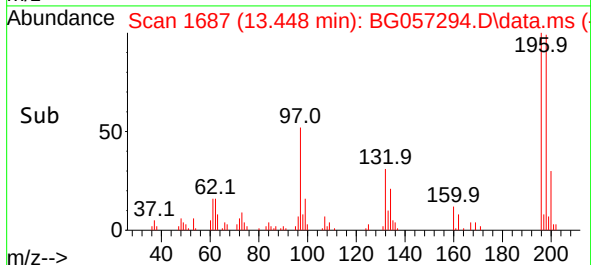
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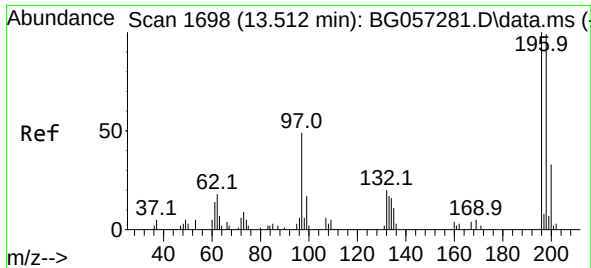


#41
2,4,6-Trichlorophenol
Concen: 30.181 ng/ul
RT: 13.448 min Scan# 1687
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion:196 Resp: 29933
Ion Ratio Lower Upper
196 100
198 98.7 83.8 125.8
200 30.2 26.6 40.0





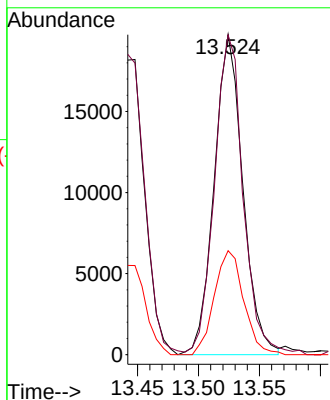
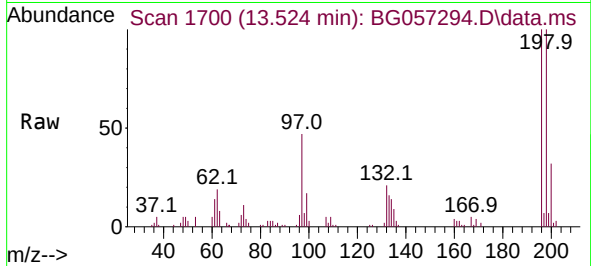
#42
2,4,5-Trichlorophenol
Concen: 30.344 ng/ul
RT: 13.524 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :
BNA_G
ClientSampleId :
SLCS413

Tgt Ion:196 Resp: 3231
Ion Ratio Lower Upper
196 100
198 99.9 85.7 128.5
200 32.5 29.9 44.9

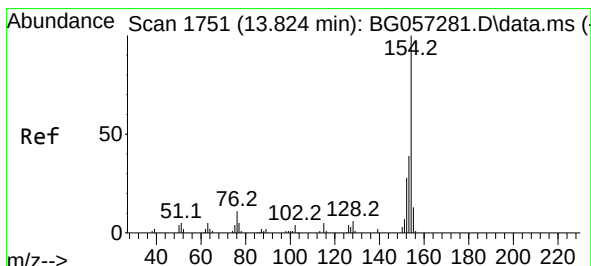
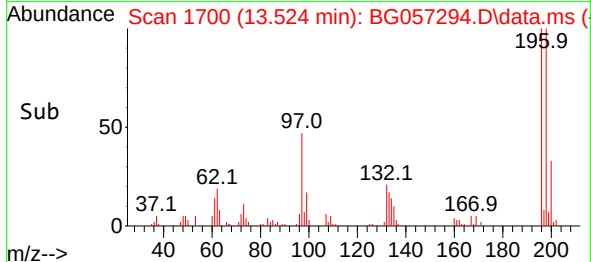
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Reviewed By :Christian
Giraldo



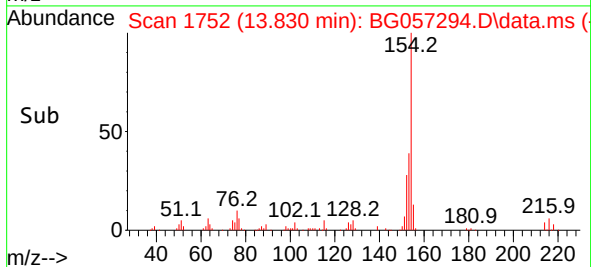
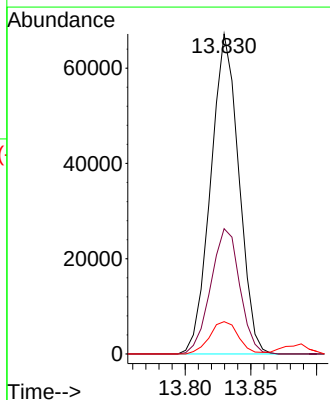
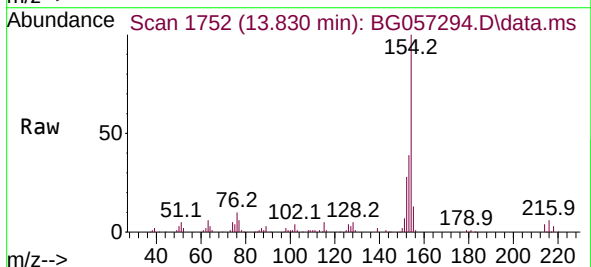
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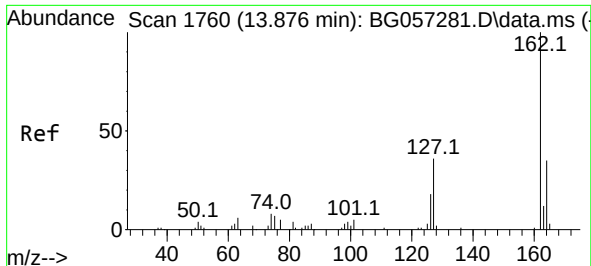
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#43
1,1'-Biphenyl
Concen: 28.004 ng/ul
RT: 13.830 min Scan# 1752
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

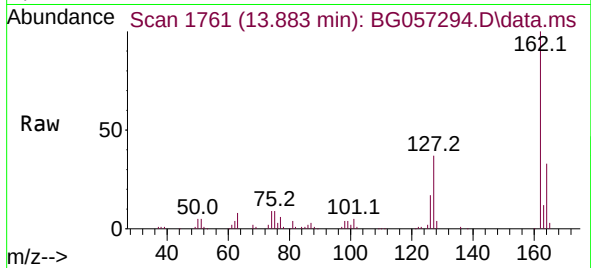
Tgt Ion:154 Resp: 100132
Ion Ratio Lower Upper
154 100
153 39.2 31.6 47.4
76 10.1 8.0 12.0





#44
2-Chloronaphthalene
Concen: 28.746 ng/ul
RT: 13.883 min Scan# 1761
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

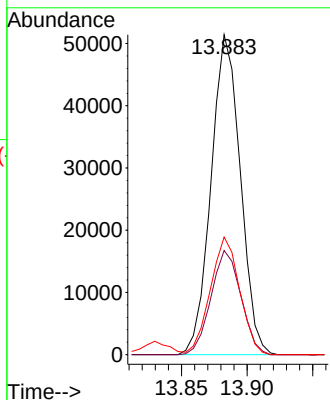
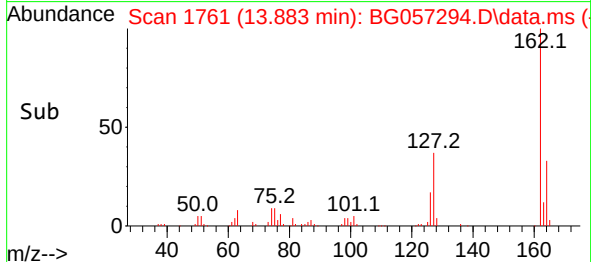
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:162 Resp: 7969
Ion Ratio Lower Upper
162 100
164 32.5 26.2 39.4
127 36.8 29.4 44.2

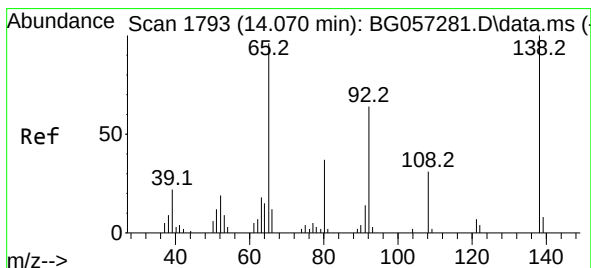
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Giraldo



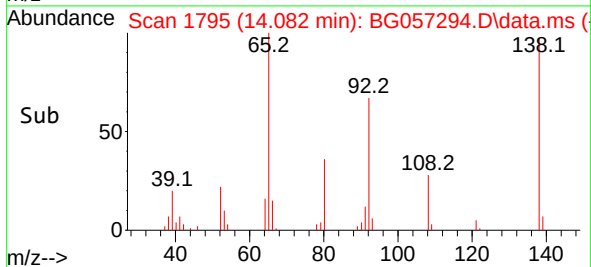
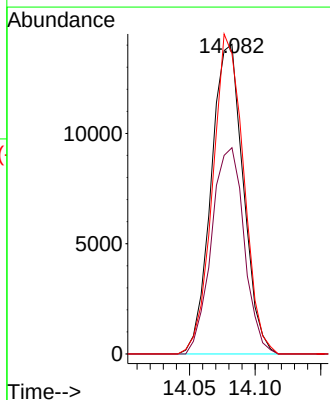
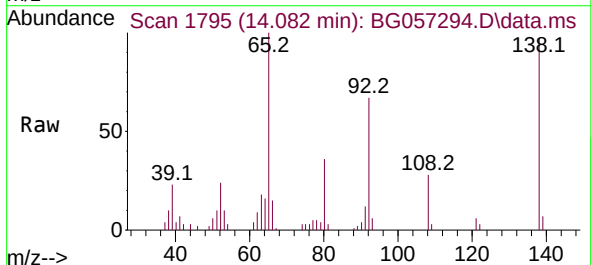
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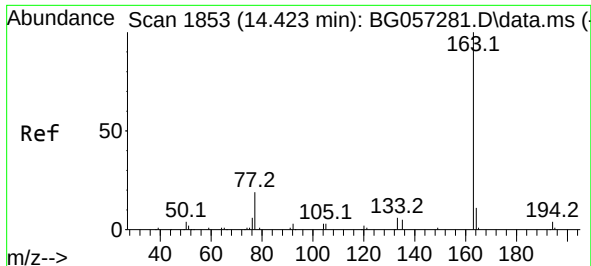
05/04/2023



#45
2-Nitroaniline
Concen: 28.526 ng/ul
RT: 14.082 min Scan# 1795
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion: 65 Resp: 23875
Ion Ratio Lower Upper
65 100
92 66.6 51.8 77.6
138 97.0 71.9 107.9





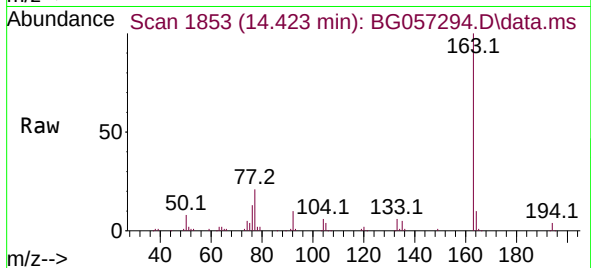
#47
Dimethylphthalate
Concen: 27.164 ng/ul
RT: 14.423 min Scan# 1853
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

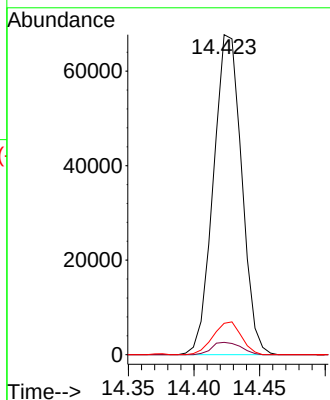
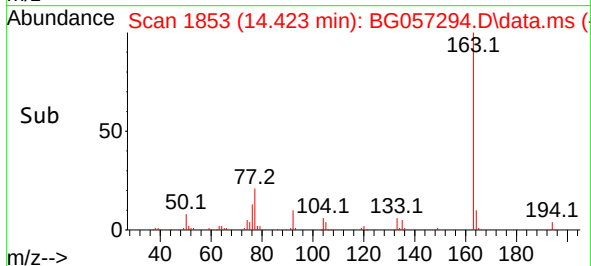
SLCS413



Tgt Ion:163 Resp: 10128
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.8 8.3 12.5

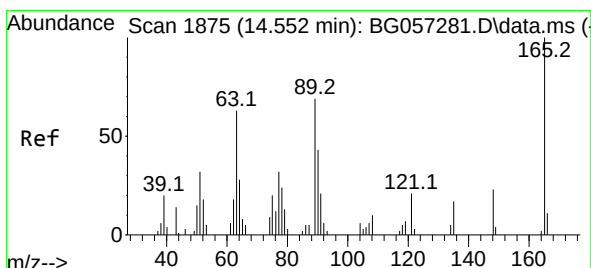
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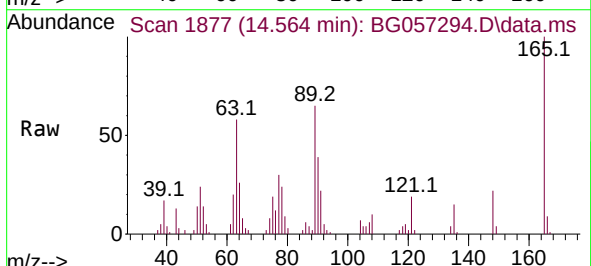


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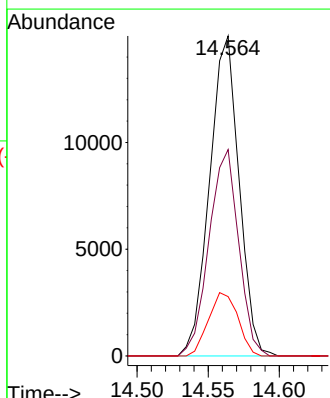
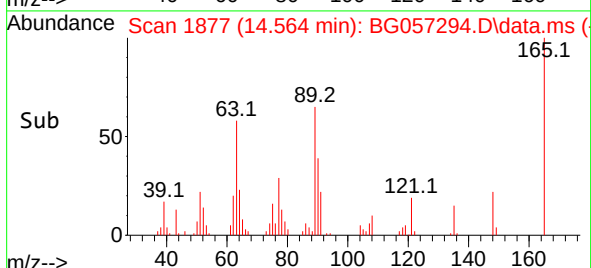
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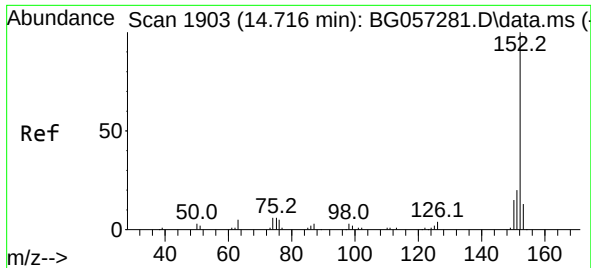


#48
2,6-Dinitrotoluene
Concen: 28.162 ng/ul
RT: 14.564 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion:165 Resp: 21610
Ion Ratio Lower Upper
165 100
89 64.5 50.6 76.0
121 18.6 16.8 25.2





#50
Acenaphthylene
Concen: 28.810 ng/ul
RT: 14.723 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

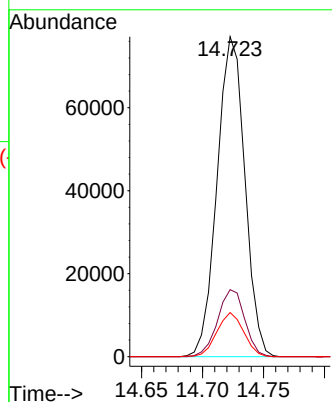
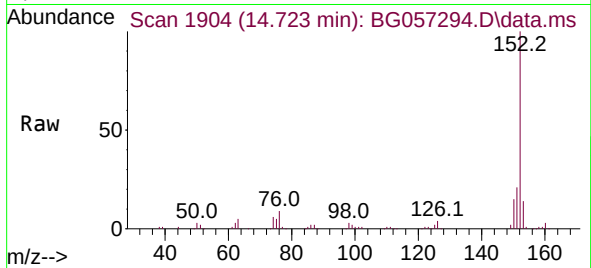
ClientSampleId :

SLCS413

Tgt Ion:152 Resp: 122179
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.8 10.1 15.1

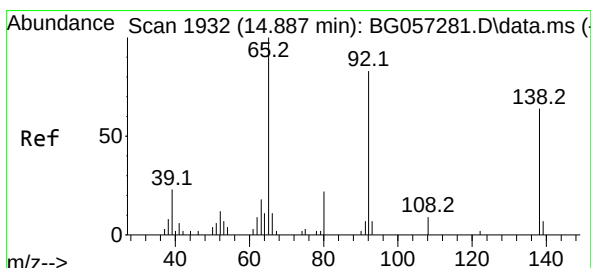
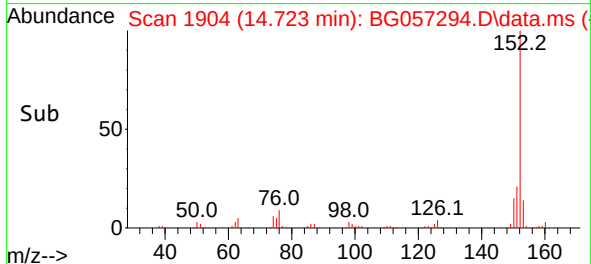
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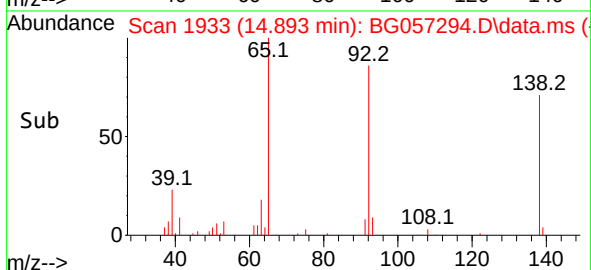
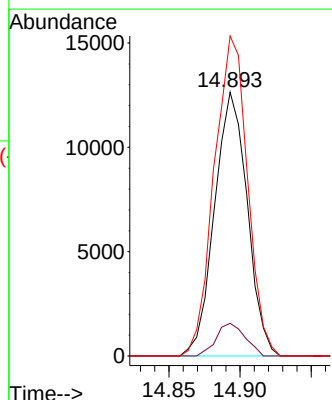
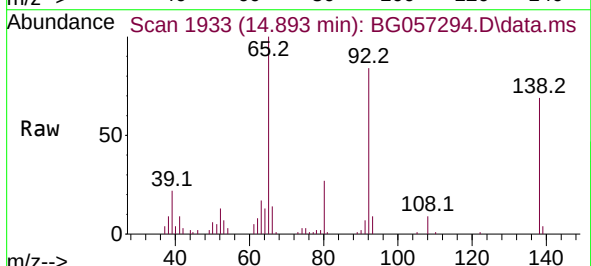
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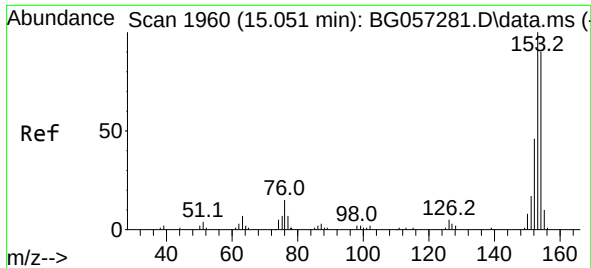
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#51
3-Nitroaniline
Concen: 37.242 ng/ul
RT: 14.893 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion:138 Resp: 20249
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 121.3 99.5 149.3





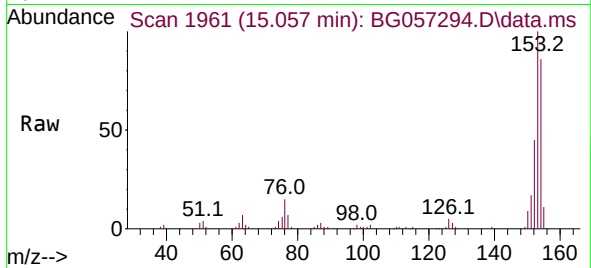
#52
Acenaphthene
Concen: 28.948 ng/ul
RT: 15.057 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

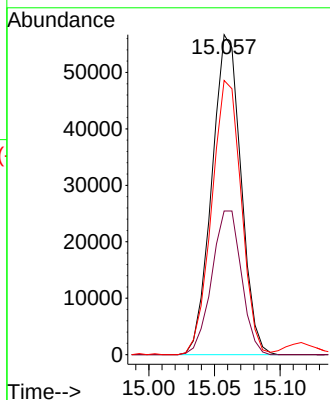
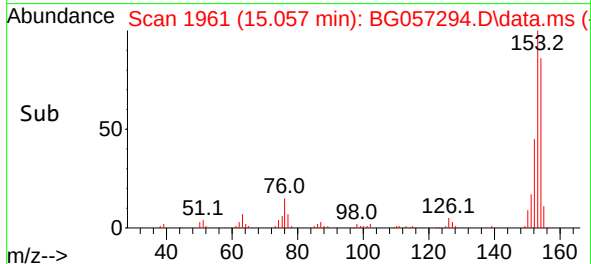
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Tgt Ion:153 Resp: 87469
Ion Ratio Lower Upper
153 100
152 44.9 36.5 54.7
154 85.7 70.6 106.0

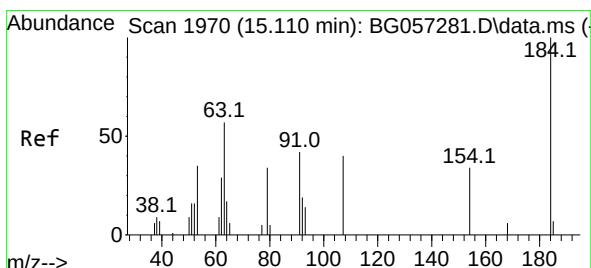
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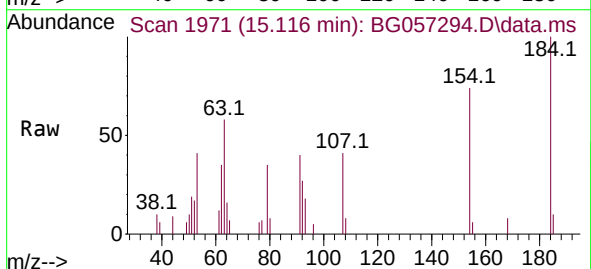


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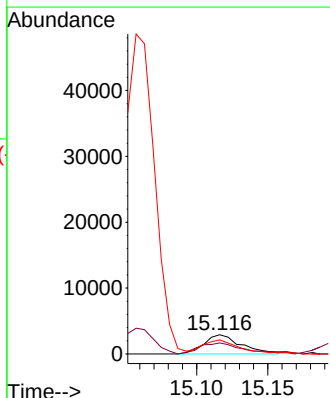
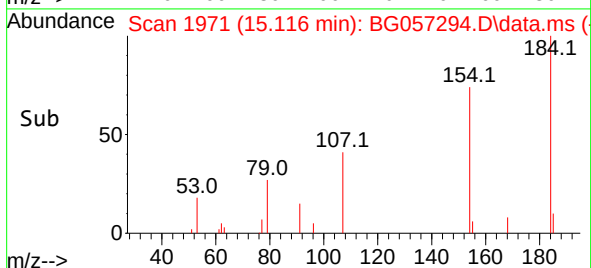
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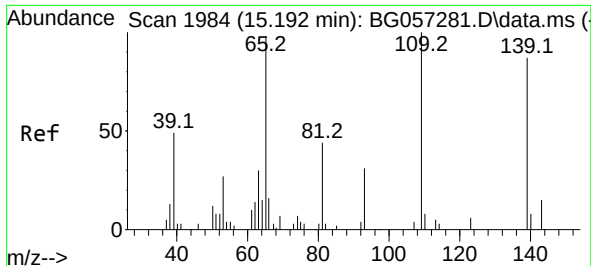


#53
2,4-Dinitrophenol
Concen: 13.104 ng/ul
RT: 15.116 min Scan# 1971
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



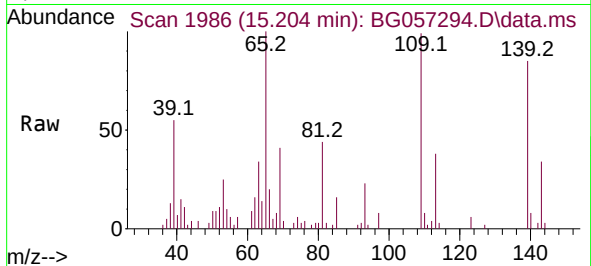
Tgt Ion:184 Resp: 5355
Ion Ratio Lower Upper
184 100
63 57.8 48.3 72.5
154 73.6 50.0 75.0





#55
4-Nitrophenol
Concen: 25.909 ng/ul
RT: 15.204 min Scan# 1986
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

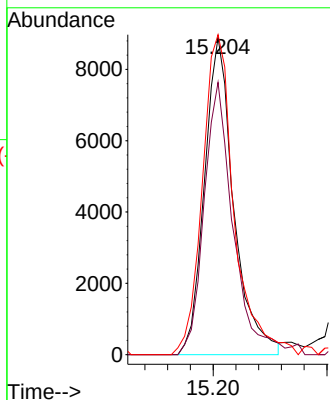
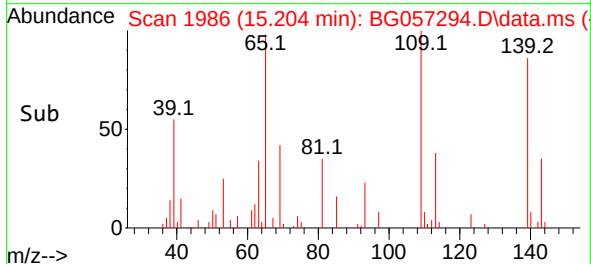
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:109 Resp: 15874
Ion Ratio Lower Upper
109 100
139 85.8 73.8 110.8
65 100.9 81.7 122.5

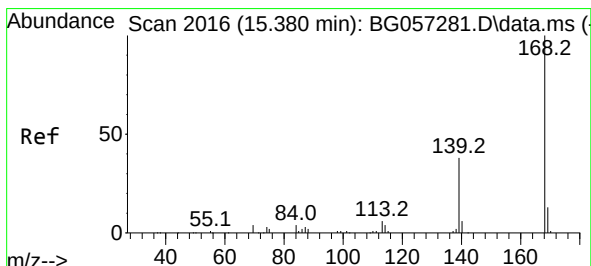
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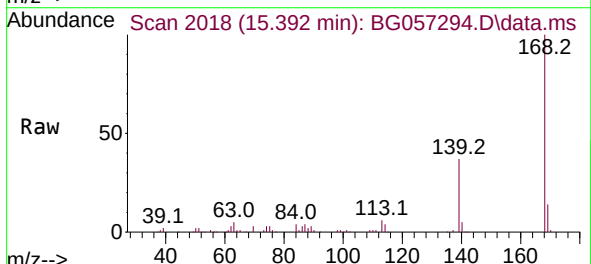


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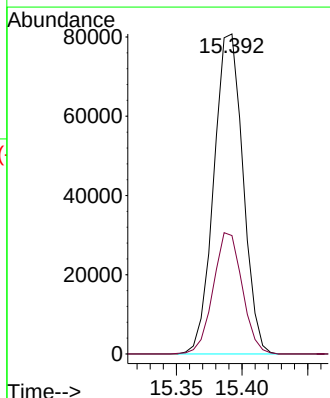
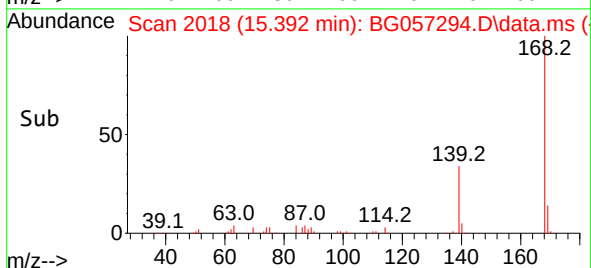
05/04/2023

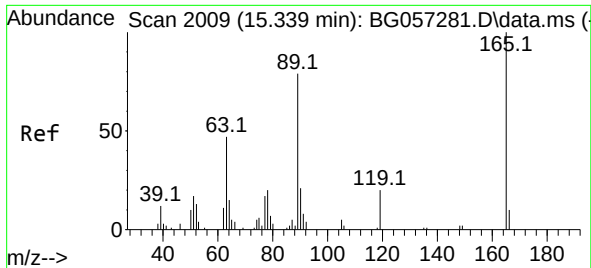


#56
Dibenzofuran
Concen: 28.568 ng/ul
RT: 15.392 min Scan# 2018
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion:168 Resp: 124653
Ion Ratio Lower Upper
168 100
139 37.0 29.6 44.4





#57
2,4-Dinitrotoluene
Concen: 28.620 ng/ul
RT: 15.351 min Scan# 2011
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

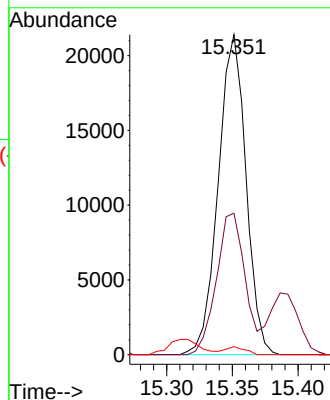
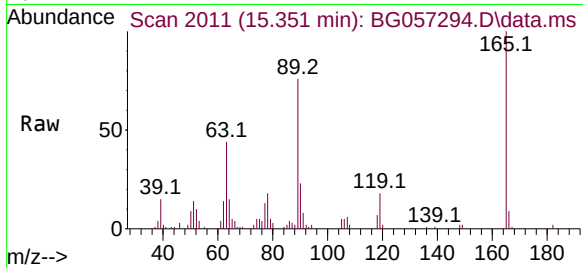
ClientSampleId :

SLCS413

Tgt Ion:165 Resp: 31439
Ion Ratio Lower Upper
165 100
63 44.2 35.9 53.9
182 2.5 1.9 2.9

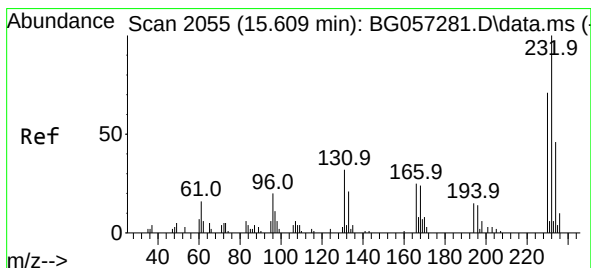
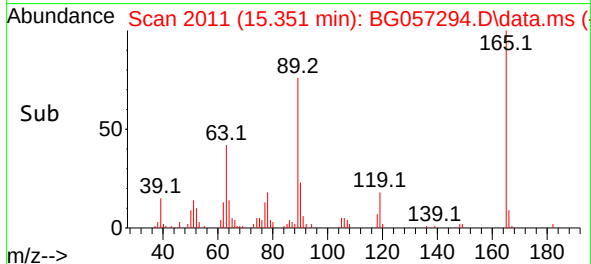
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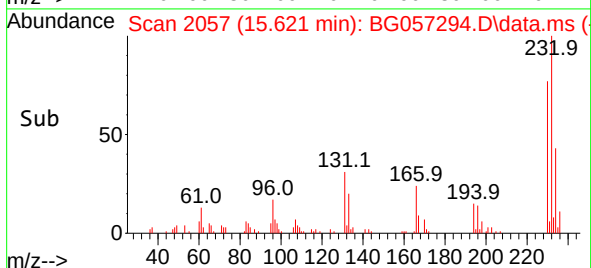
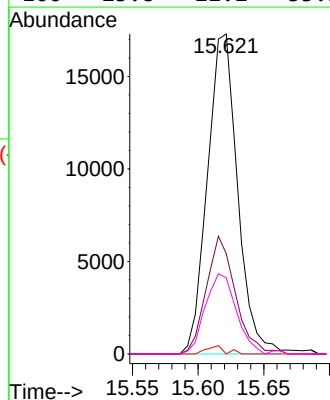
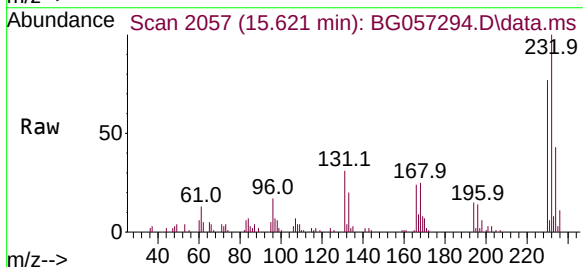
05/04/2023
Supervised By :Jagrut
Upadhyay

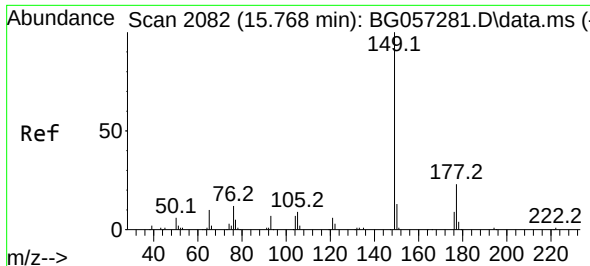
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#58
2,3,4,6-Tetrachlorophenol
Concen: 28.547 ng/ul
RT: 15.621 min Scan# 2057
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion:232 Resp: 27621
Ion Ratio Lower Upper
232 100
131 31.3 28.6 43.0
130 0.0 1.8 2.6#
166 23.8 22.2 33.2





#59
Diethylphthalate
Concen: 26.882 ng/ul
RT: 15.774 min Scan# 2082
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

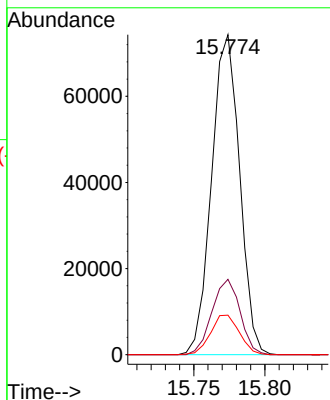
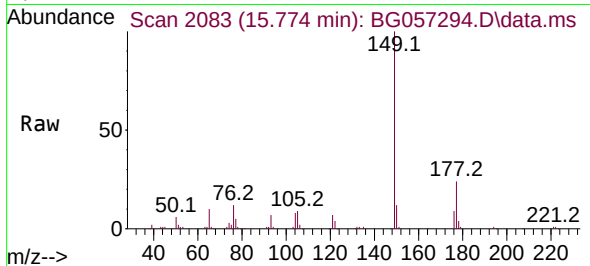
ClientSampleId :

SLCS413

Tgt Ion:149 Resp: 101835
Ion Ratio Lower Upper
149 100
177 23.6 18.6 28.0
150 12.4 9.8 14.8

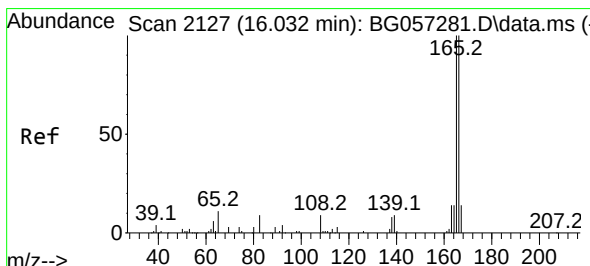
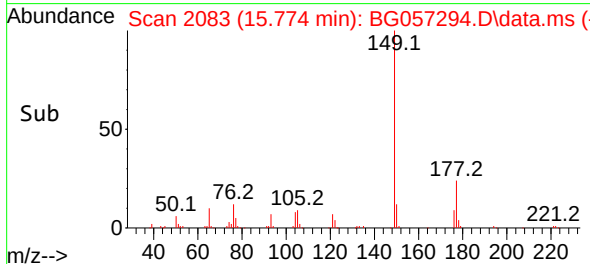
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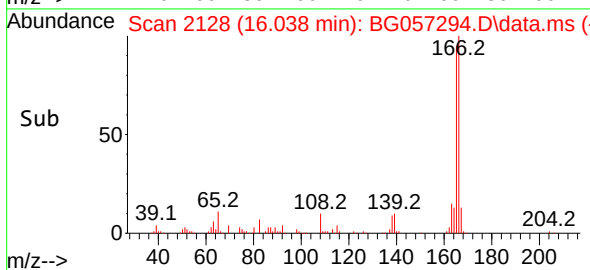
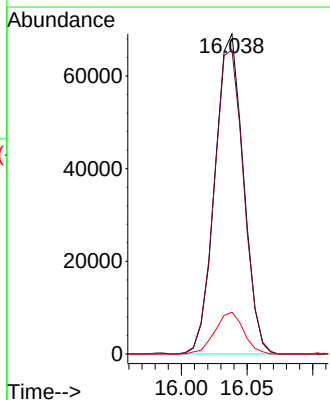
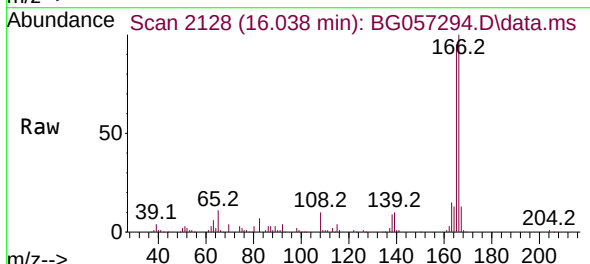
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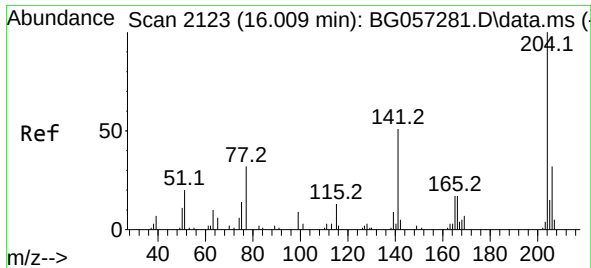
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#61
Fluorene
Concen: 28.230 ng/ul
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

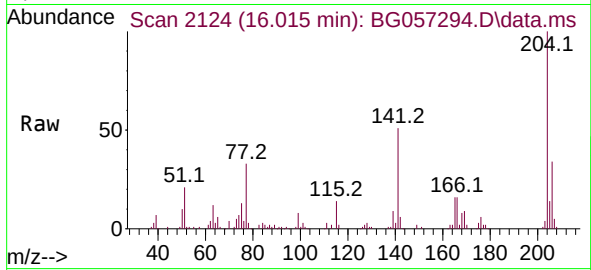
Tgt Ion:166 Resp: 104156
Ion Ratio Lower Upper
166 100
165 95.0 80.1 120.1
167 13.0 10.2 15.4





#62
4-Chlorophenyl-phenylether
Concen: 28.276 ng/ul
RT: 16.015 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

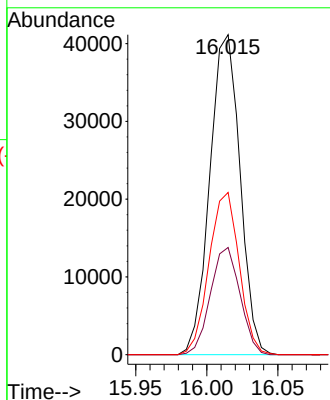
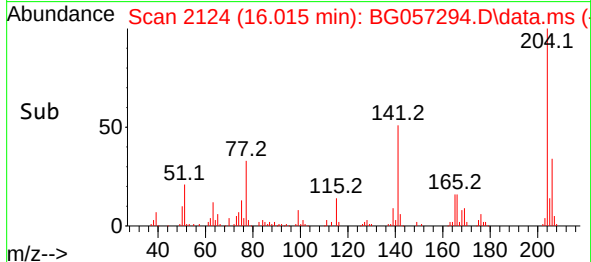
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:204 Resp: 60892
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 50.7 41.5 62.3

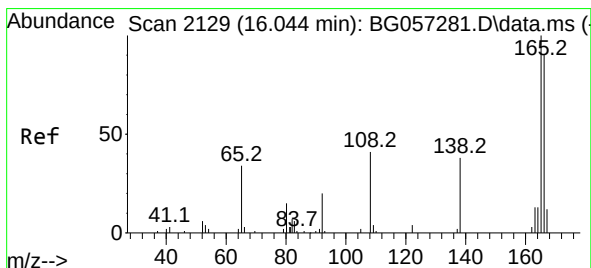
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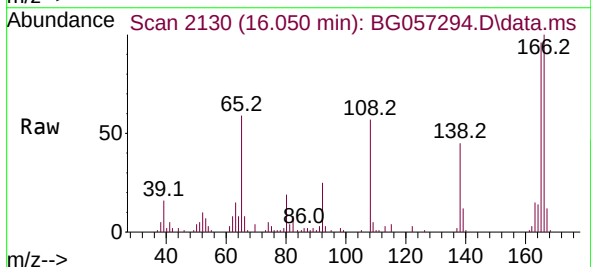


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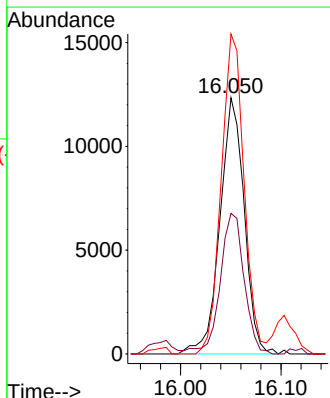
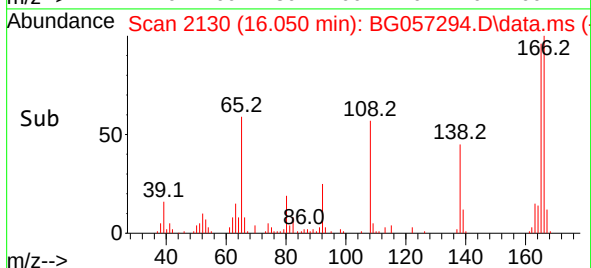
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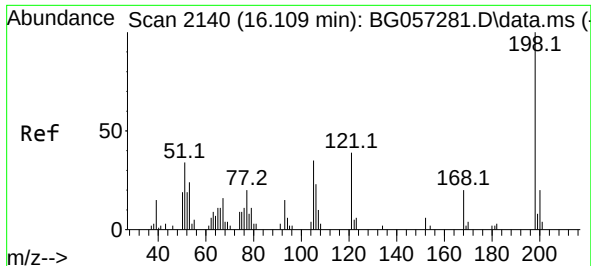


#63
4-Nitroaniline
Concen: 40.267 ng/ul
RT: 16.050 min Scan# 2130
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



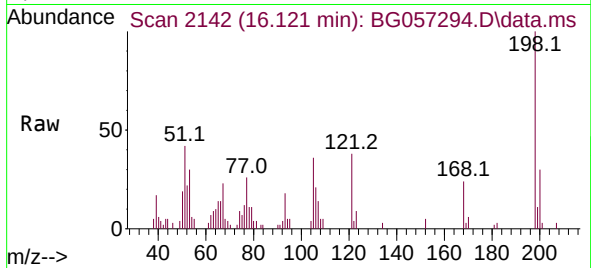
Tgt Ion:138 Resp: 20733
Ion Ratio Lower Upper
138 100
92 54.9 39.9 59.9
108 124.9 89.1 133.7





#66
4,6-Dinitro-2-methylphenol
Concen: 18.686 ng/ul
RT: 16.121 min Scan# 2142
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

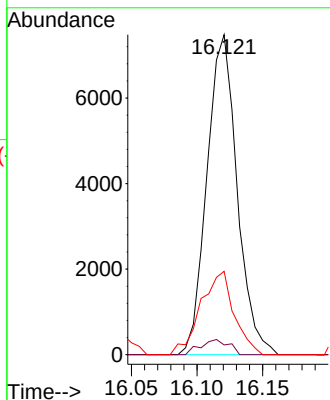
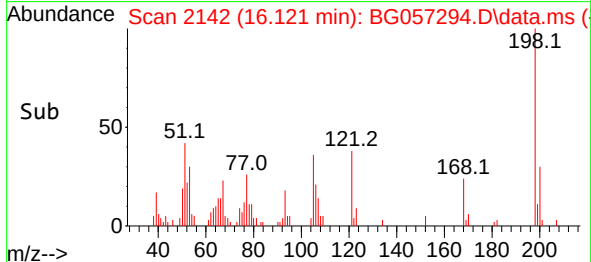
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:198 Resp: 1196
Ion Ratio Lower Upper
198 100
182 3.0 3.0 4.6
77 26.0 20.1 30.1

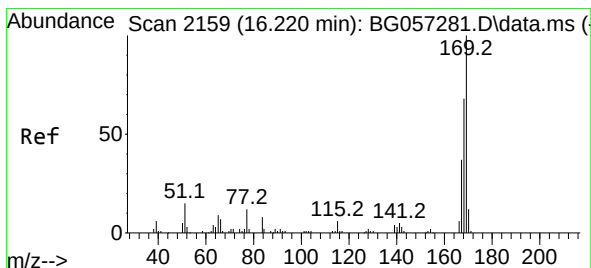
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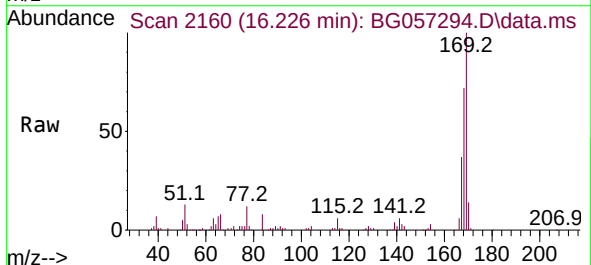


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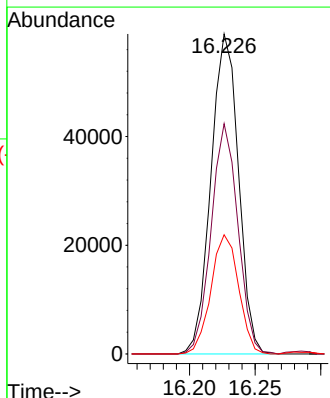
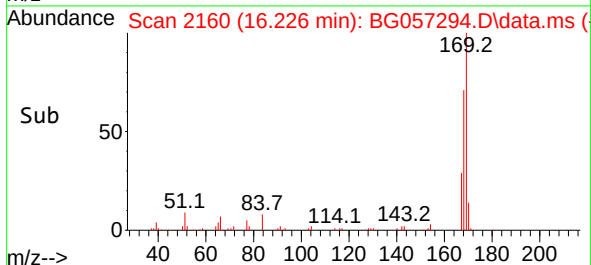
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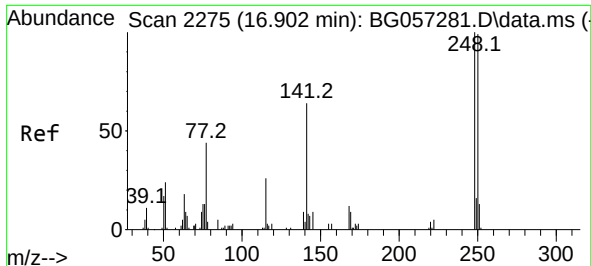


#67
N-Nitrosodiphenylamine
Concen: 30.982 ng/ul
RT: 16.226 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion:169 Resp: 85820
Ion Ratio Lower Upper
169 100
168 72.0 55.4 83.2
167 37.3 31.0 46.4





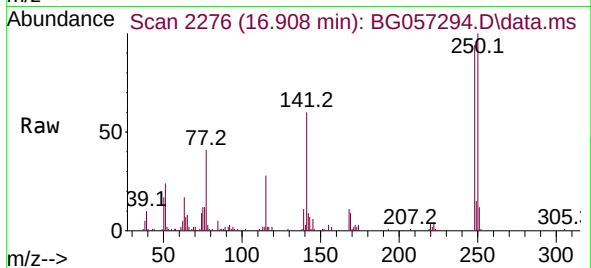
#68
4-Bromophenyl-phenylether
Concen: 31.036 ng/ul
RT: 16.908 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

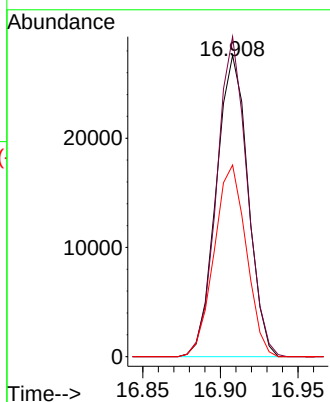
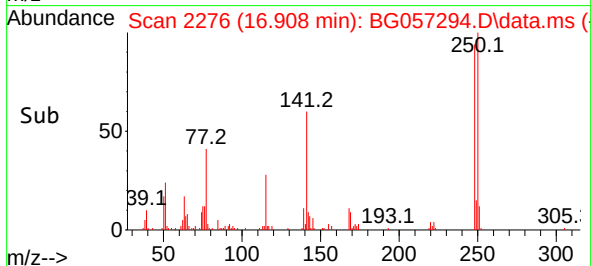
SLCS413



Tgt Ion:248 Resp: 39330
Ion Ratio Lower Upper
248 100
250 106.2 74.8 112.2
141 63.6 47.8 71.6

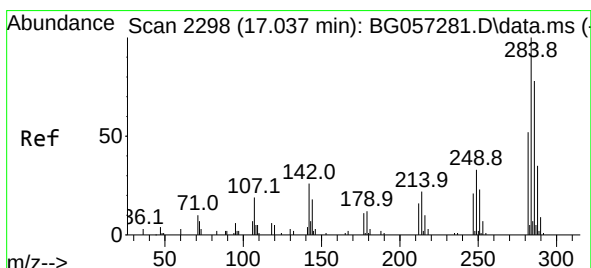
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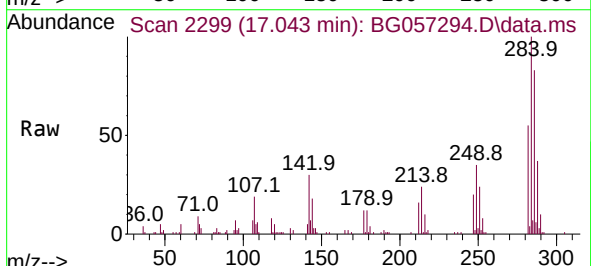


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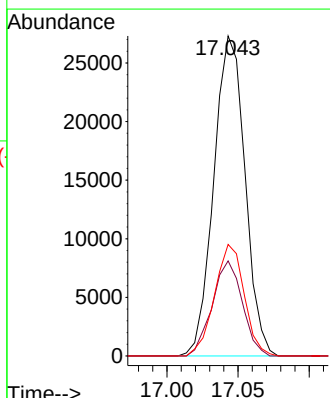
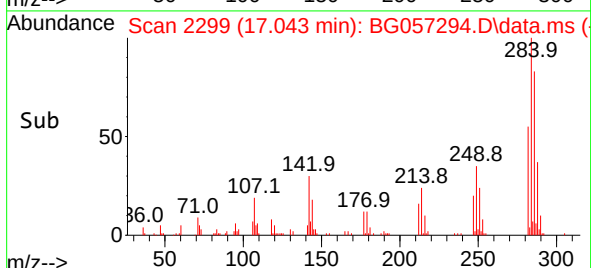
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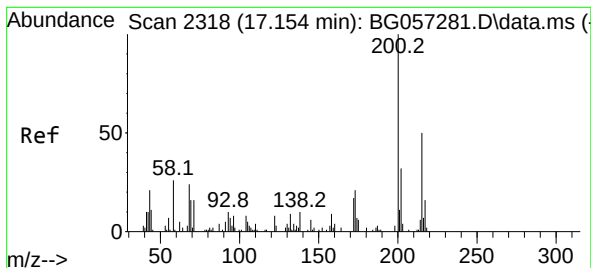


#69
Hexachlorobenzene
Concen: 31.204 ng/ul
RT: 17.043 min Scan# 2299
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



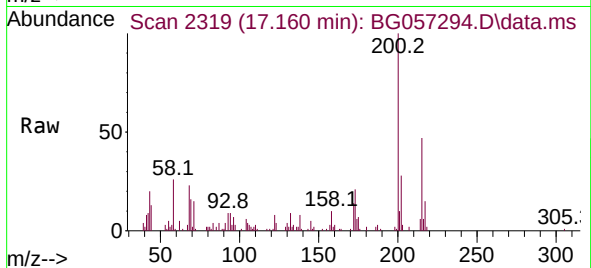
Tgt Ion:284 Resp: 41646
Ion Ratio Lower Upper
284 100
142 29.7 22.6 33.8
249 34.8 26.2 39.2





#70
Atrazine
Concen: 15.791 ng/ul
RT: 17.160 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

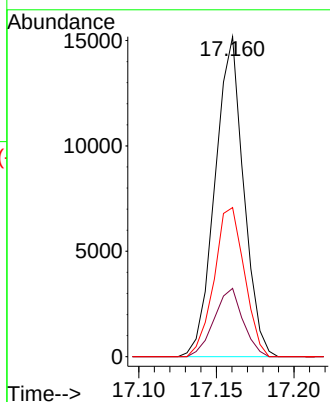
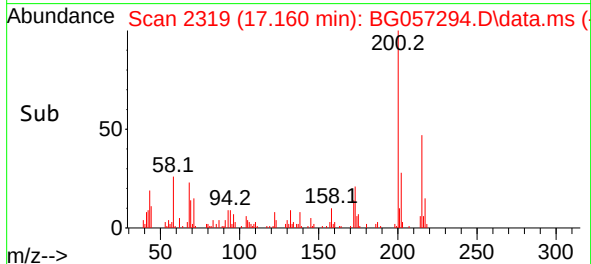
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:200 Resp: 19440
Ion Ratio Lower Upper
200 100
173 21.4 17.8 26.6
215 46.6 40.3 60.5

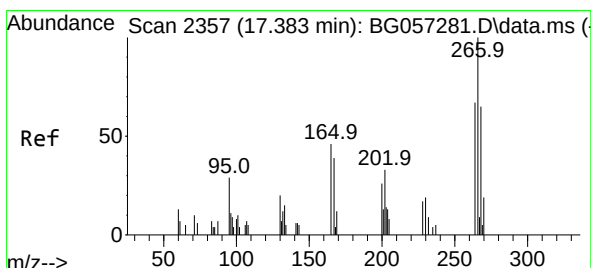
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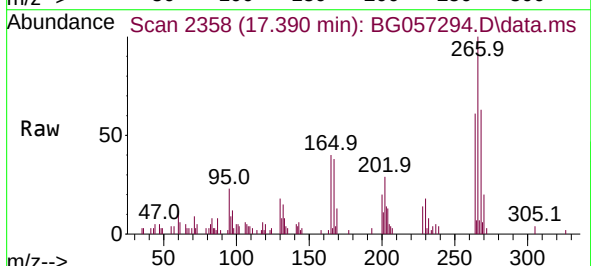


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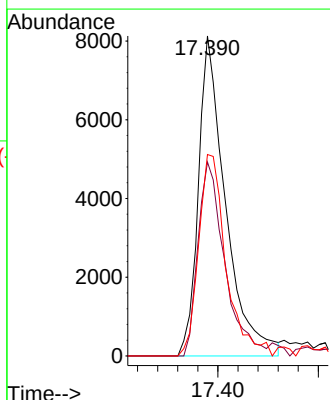
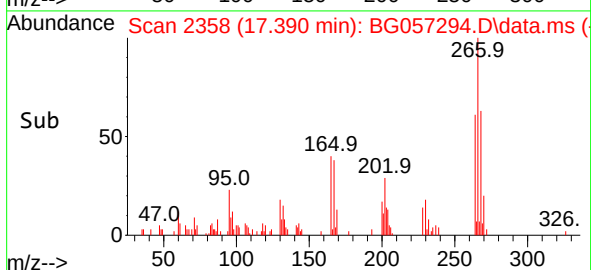
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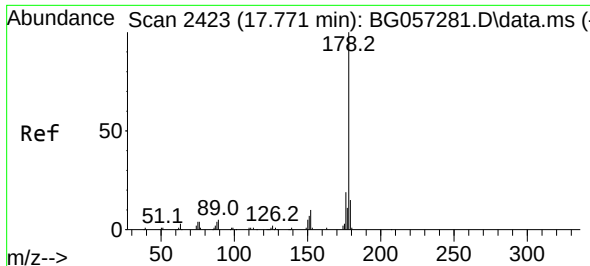


#71
Pentachlorophenol
Concen: 24.746 ng/ul
RT: 17.390 min Scan# 2358
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



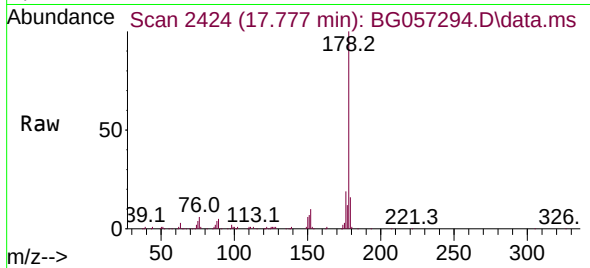
Tgt Ion:266 Resp: 15266
Ion Ratio Lower Upper
266 100
264 60.6 47.8 71.6
268 62.9 48.2 72.4





#72
Phenanthrene
Concen: 29.275 ng/ul
RT: 17.777 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

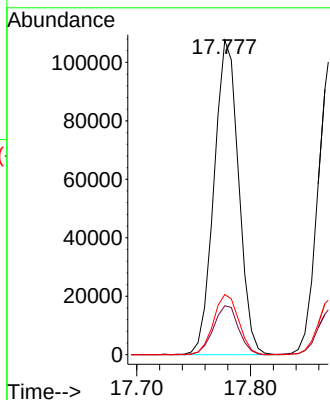
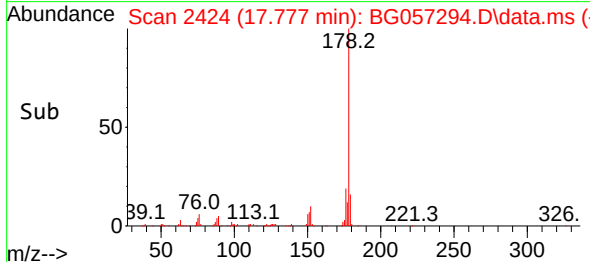
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:178 Resp: 161658
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 19.1 15.4 23.0

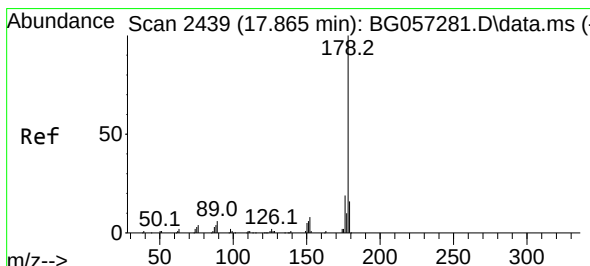
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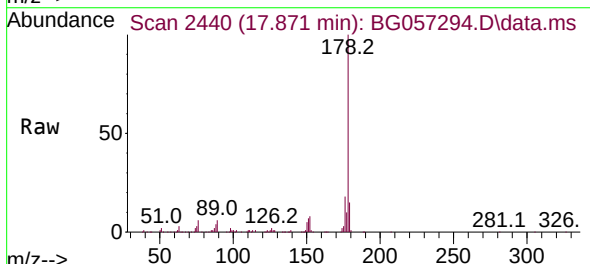


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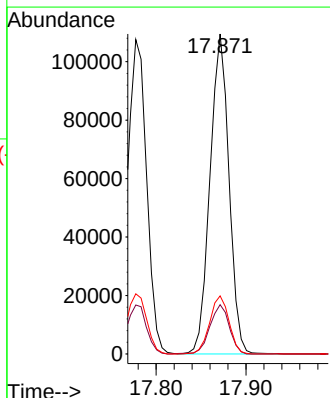
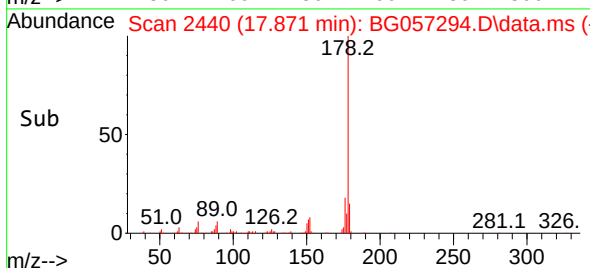
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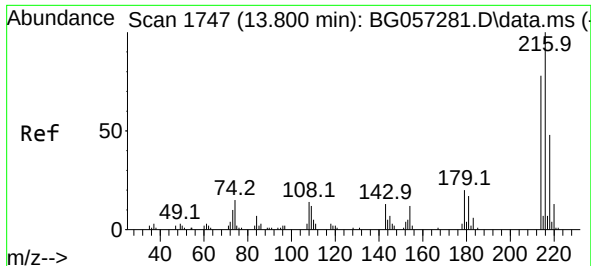


#74
Anthracene
Concen: 28.988 ng/ul
RT: 17.871 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



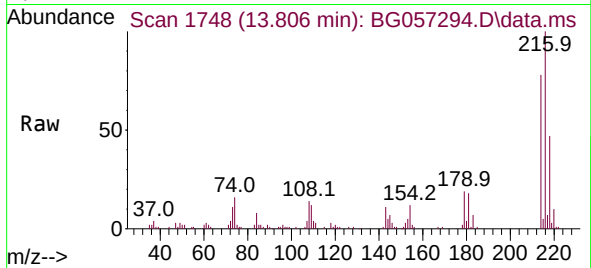
Tgt Ion:178 Resp: 160795
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.1 14.7 22.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.365 ng/uL
RT: 13.806 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

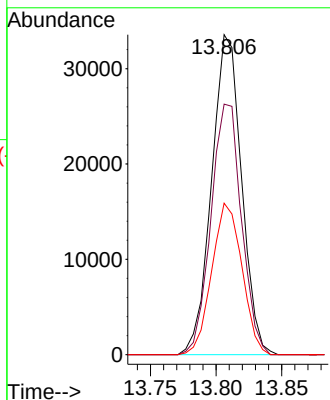
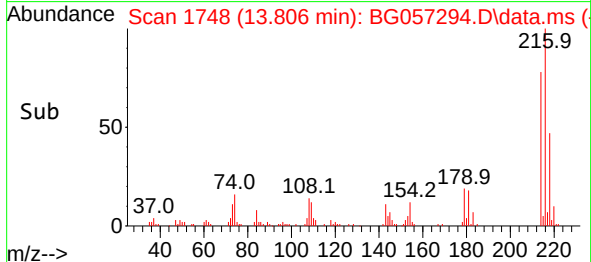
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:216 Resp: 53214
Ion Ratio Lower Upper
216 100
214 78.3 64.3 96.5
218 47.3 38.5 57.7

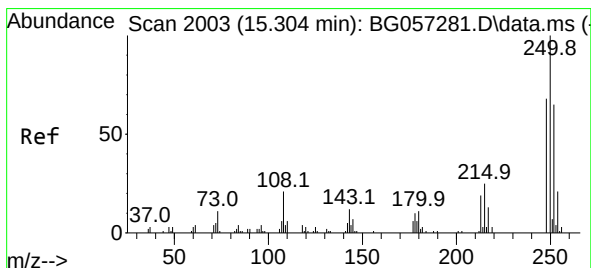
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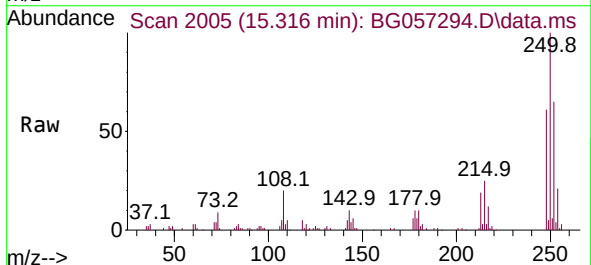


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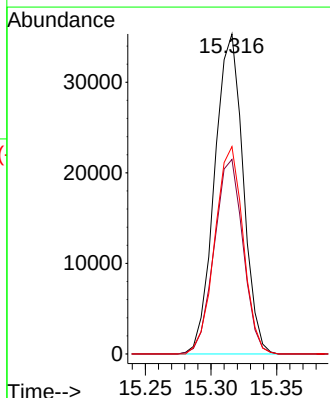
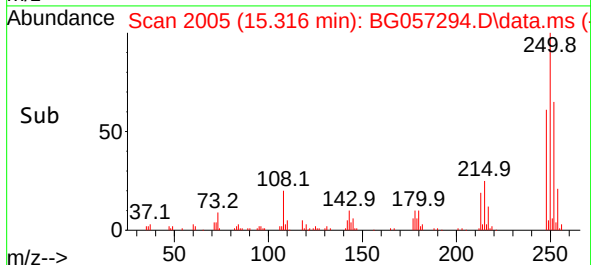
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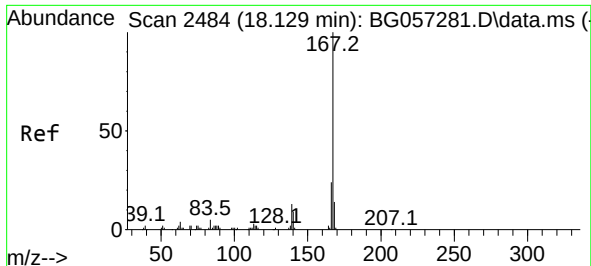


#76
Pentachlorobenzene
Concen: 32.829 ng/uL
RT: 15.316 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



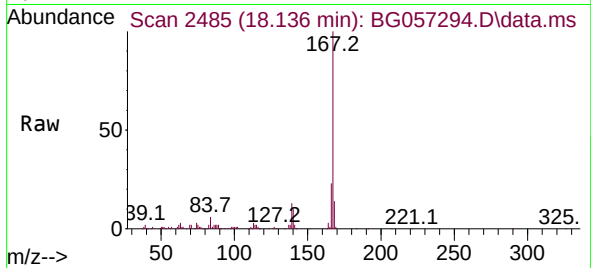
Tgt Ion:250 Resp: 53297
Ion Ratio Lower Upper
250 100
248 60.8 52.2 78.2
252 64.8 52.5 78.7





#77
 Carbazole
 Concen: 29.807 ng/ul
 RT: 18.136 min Scan# 2485
 Delta R.T. 0.003 min
 Lab File: BG057294.D
 Acq: 3 May 2023 20:01

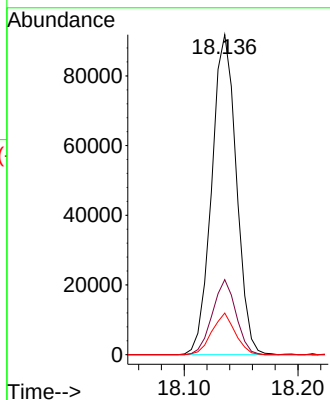
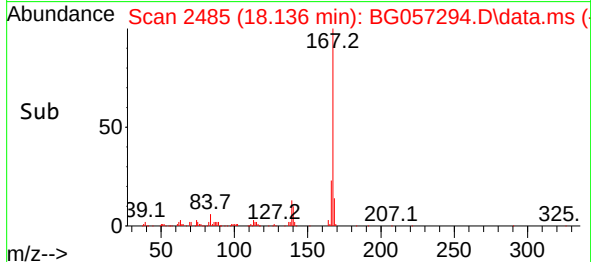
Instrument :
 BNA_G
 ClientSampleId :
 SLCS413



Tgt Ion:167 Resp: 138170
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.0 27.0
 139 13.0 10.3 15.5

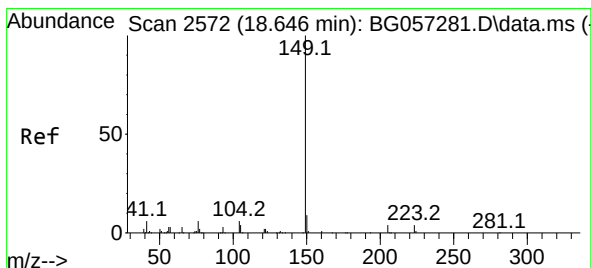
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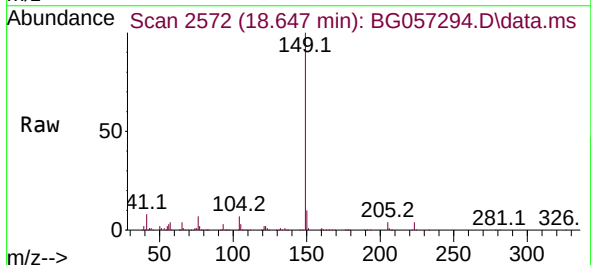


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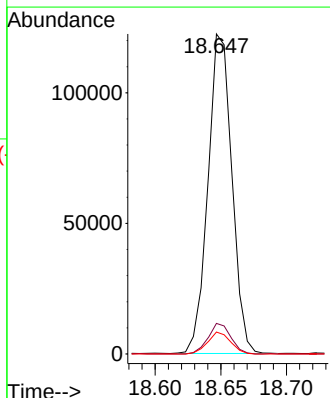
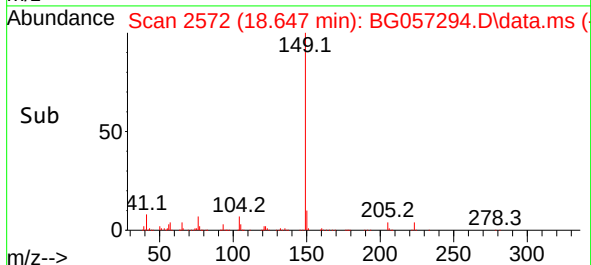
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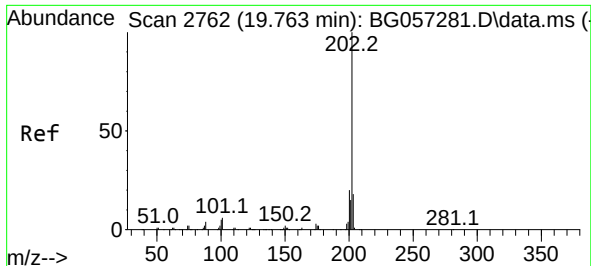


#78
 Di-n-butylphthalate
 Concen: 29.242 ng/ul
 RT: 18.647 min Scan# 2572
 Delta R.T. -0.003 min
 Lab File: BG057294.D
 Acq: 3 May 2023 20:01



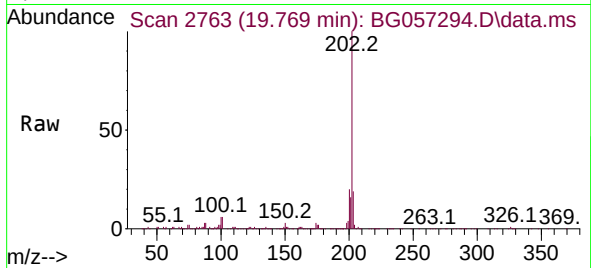
Tgt Ion:149 Resp: 155003
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.3 10.9
 104 6.9 5.0 7.6





#80
Fluoranthene
Concen: 29.240 ng/u1
RT: 19.769 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

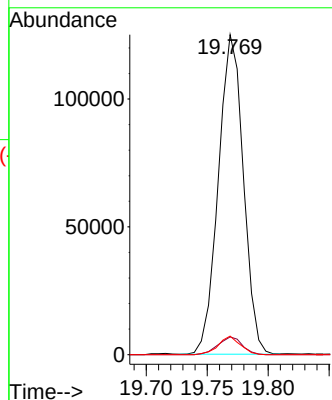
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:202 Resp: 178460
Ion Ratio Lower Upper
202 100
101 5.6 5.8 8.6
100 5.8 4.6 7.0

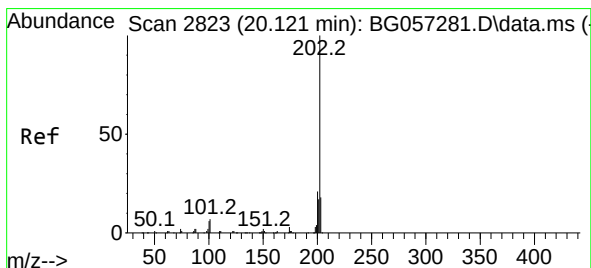
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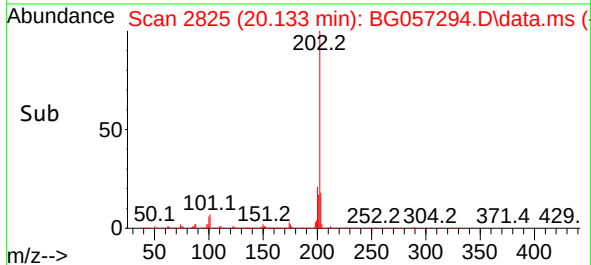
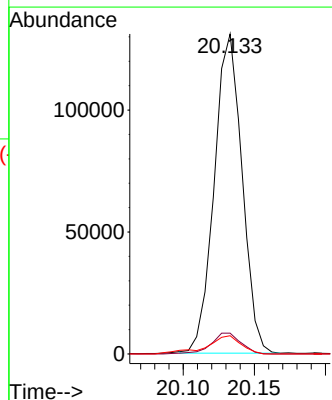
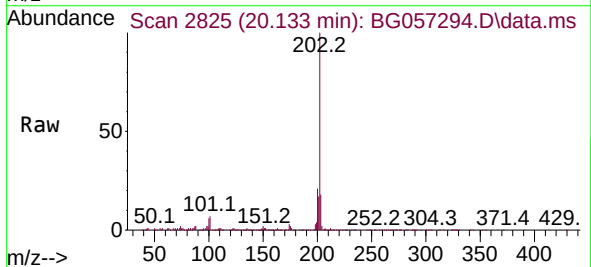
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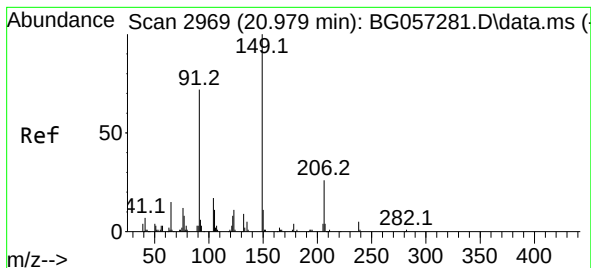
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#82
Pyrene
Concen: 28.759 ng/u1
RT: 20.133 min Scan# 2825
Delta R.T. 0.009 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion:202 Resp: 177696
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.7 6.0 9.0#





#83
Butylbenzylphthalate
Concen: 30.565 ng/ul
RT: 20.979 min Scan# 2969
Delta R.T. -0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNA_G

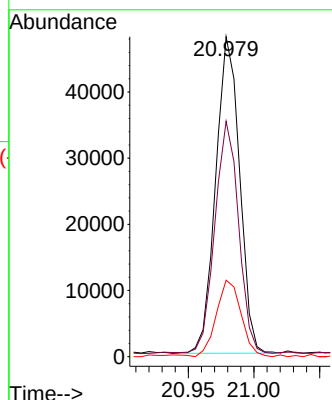
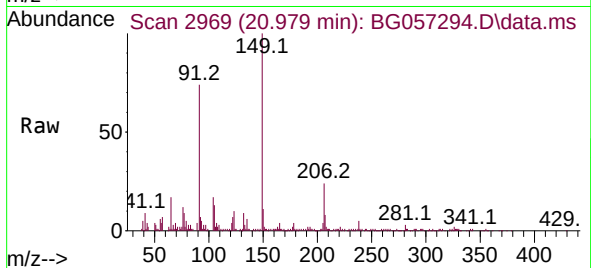
ClientSampleId :

SLCS413

Tgt Ion:149 Resp: 60478
Ion Ratio Lower Upper
149 100
91 73.5 58.6 87.8
206 23.9 19.8 29.8

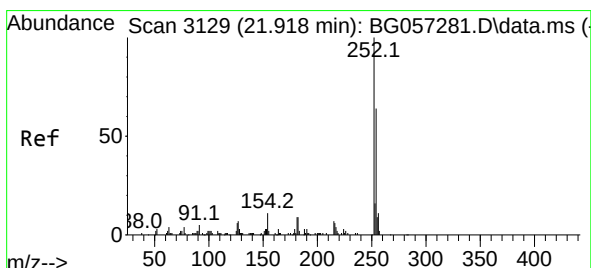
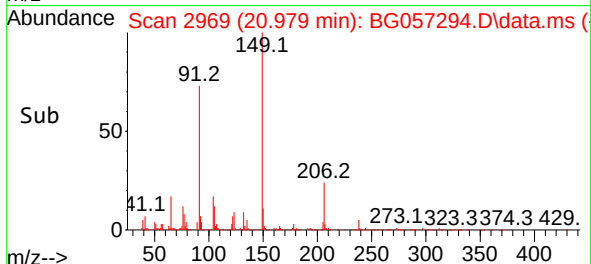
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APPROVED

Reviewed By :Christian
Giraldo



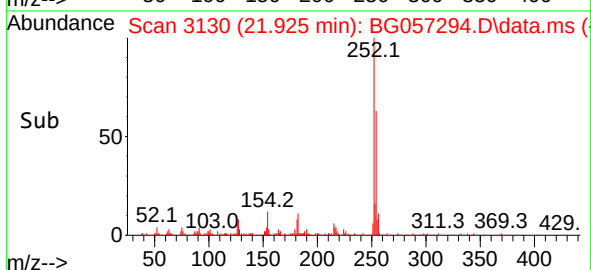
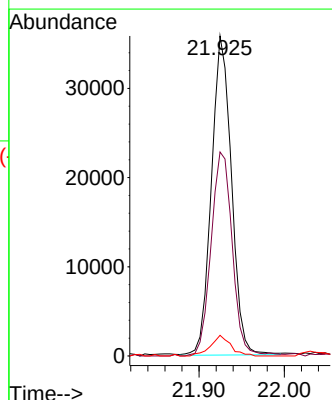
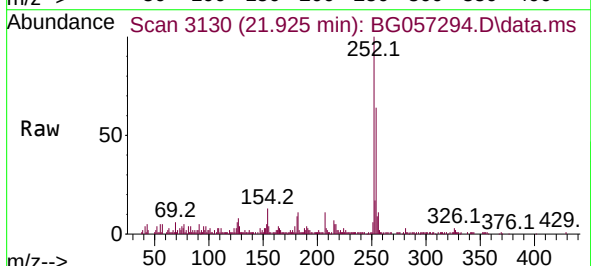
05/04/2023
Supervised By :Jagrut
Upadhyay

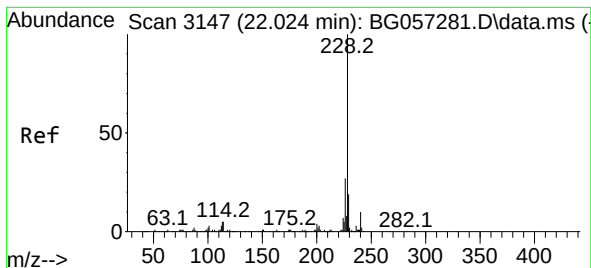
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#84
3,3'-Dichlorobenzidine
Concen: 30.387 ng/ul
RT: 21.925 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Tgt Ion:252 Resp: 58417
Ion Ratio Lower Upper
252 100
254 63.8 53.7 80.5
126 6.4 5.2 7.8





#85

Benzo(a)anthracene

Concen: 29.591 ng/ul

RT: 22.036 min Scan# 3149

Delta R.T. 0.009 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

Instrument :

BNL_G

ClientSampleId :

SLCS413

Tgt Ion:228 Resp: 18116

Ion Ratio Lower Upper

228 100

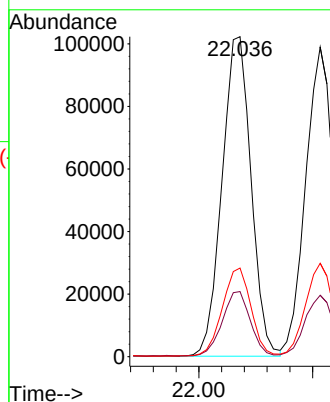
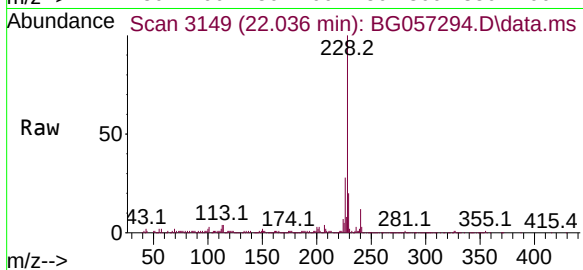
229 20.3 15.8 23.6

226 27.7 21.7 32.5

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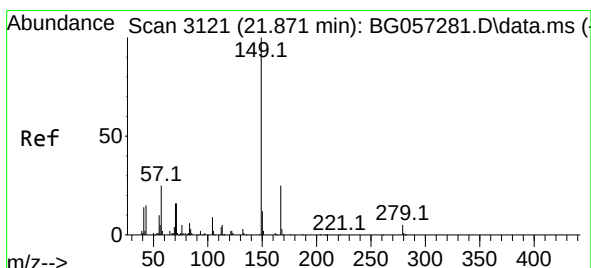
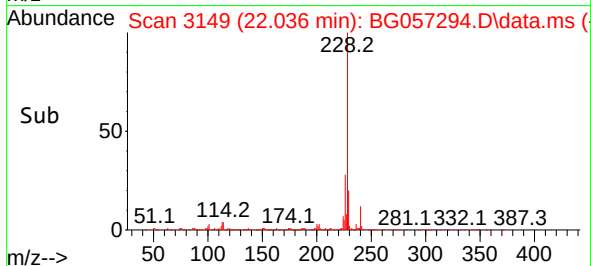
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Reviewed By :Christian
Giraldo



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Supervised By :Jagrut
Upadhyay

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#86

Bis(2-ethylhexyl)phthalate

Concen: 29.452 ng/ul

RT: 21.872 min Scan# 3121

Delta R.T. -0.003 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

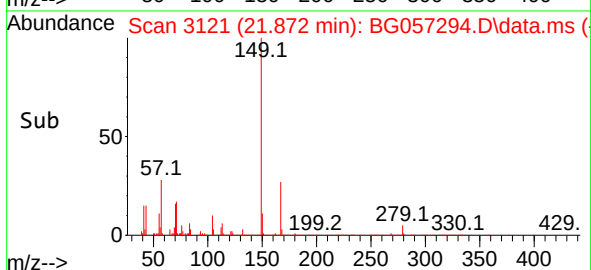
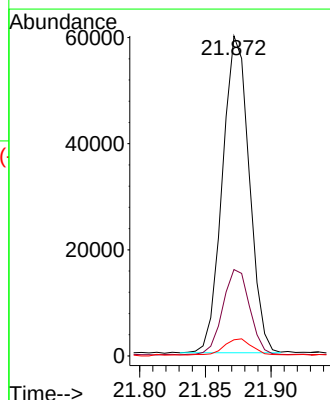
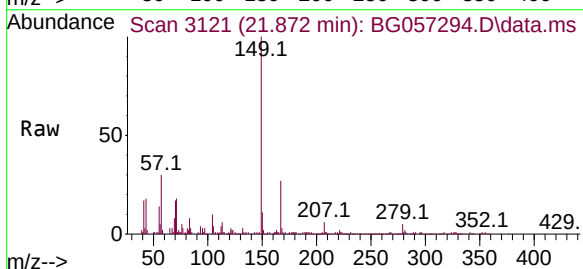
Tgt Ion:149 Resp: 84758

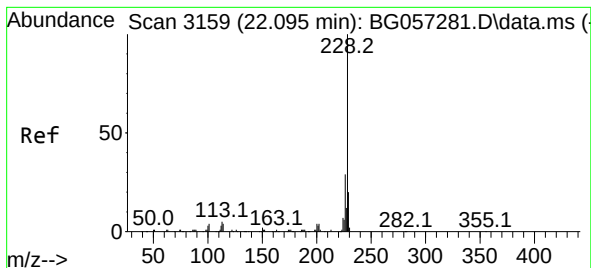
Ion Ratio Lower Upper

149 100

167 27.0 23.0 34.6

279 5.0 3.6 5.4





#87

Chrysene

Concen: 28.970 ng/ul

RT: 22.107 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

Instrument :

BNA_G

ClientSampleId :

SLCS413

Tgt Ion:228 Resp: 167328

Ion Ratio Lower Upper

228 100

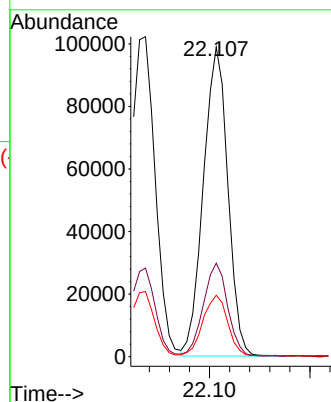
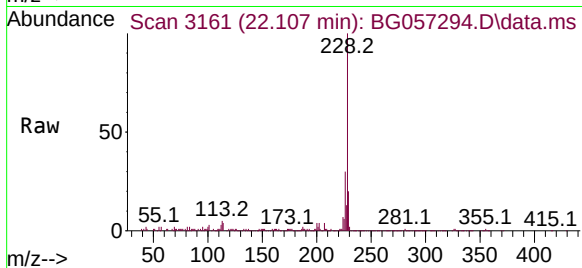
226 30.2 22.8 34.2

229 19.8 15.5 23.3

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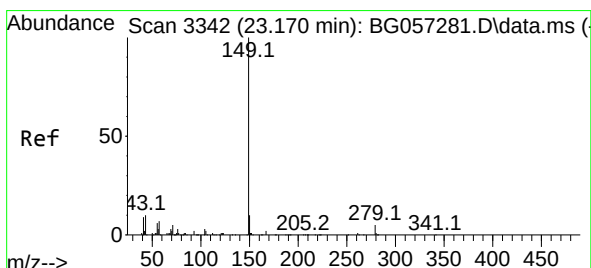
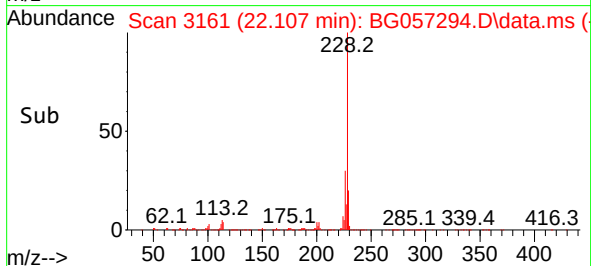
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Reviewed By :Christian
Giraldo



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#89

Di-n-octyl phthalate

Concen: 28.944 ng/ul

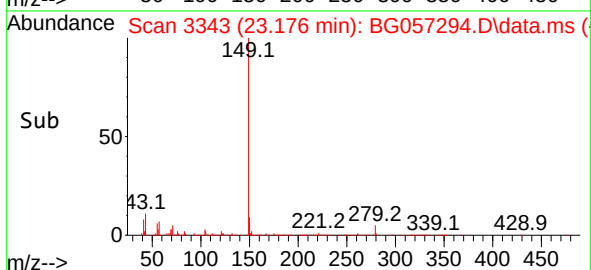
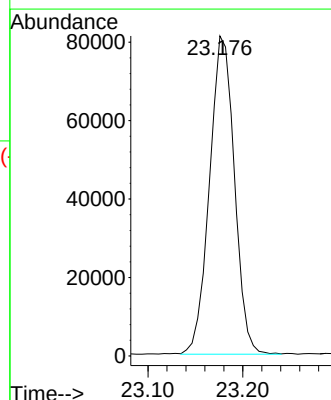
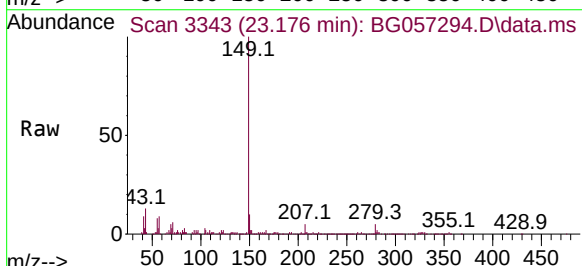
RT: 23.176 min Scan# 3343

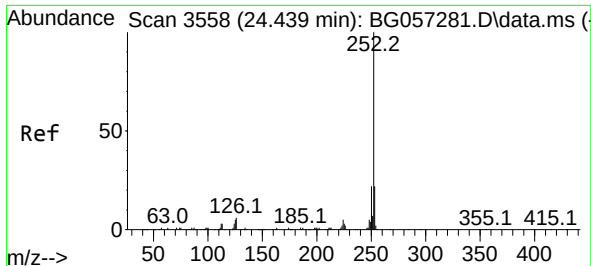
Delta R.T. -0.003 min

Lab File: BG057294.D

Acq: 3 May 2023 20:01

Tgt Ion:149 Resp: 148065





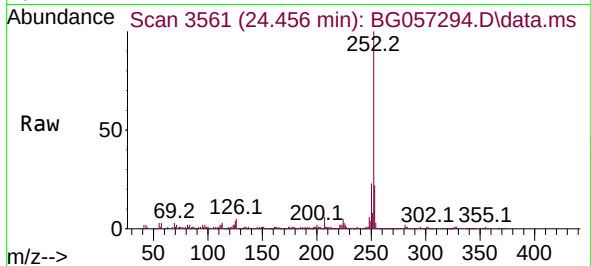
#90
Benzo(b)fluoranthene
Concen: 29.305 ng/u1
RT: 24.456 min Scan# 3558
Delta R.T. 0.021 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

Instrument :

BNL_G

ClientSampleId :

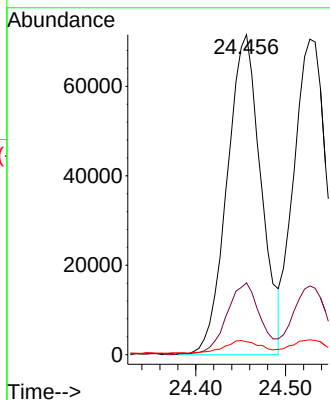
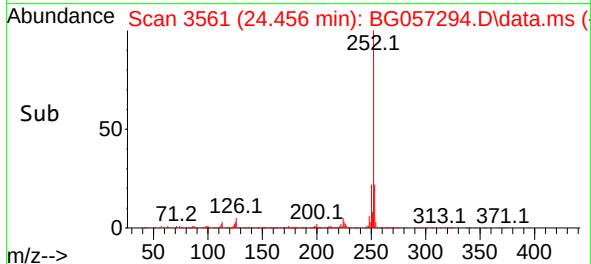
SLCS413



Tgt Ion:252 Resp: 187995
Ion Ratio Lower Upper
252 100
253 22.5 16.7 25.1
125 4.1 4.8 7.2

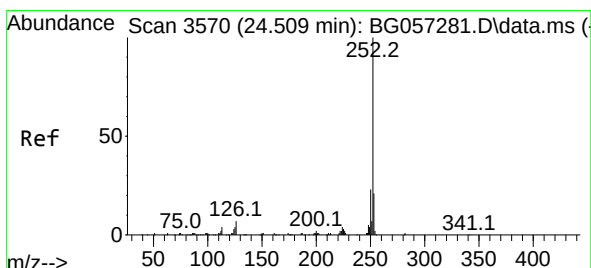
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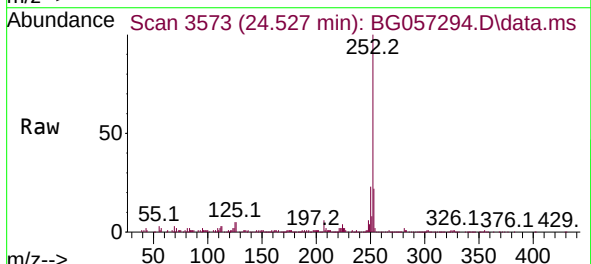


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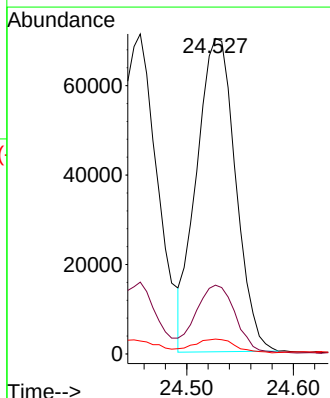
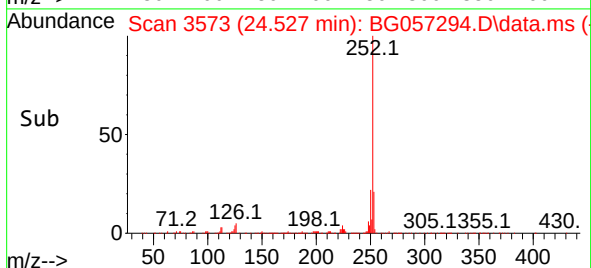
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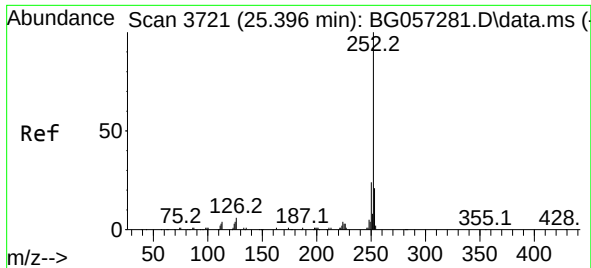


#91
Benzo(k)fluoranthene
Concen: 28.617 ng/u1
RT: 24.527 min Scan# 3573
Delta R.T. 0.015 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



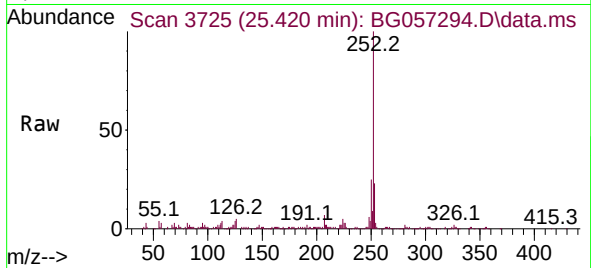
Tgt Ion:252 Resp: 178600
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 4.7 4.5 6.7





#93
Benzo(a)pyrene
Concen: 29.069 ng/u1
RT: 25.420 min Scan# 31
Delta R.T. 0.021 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

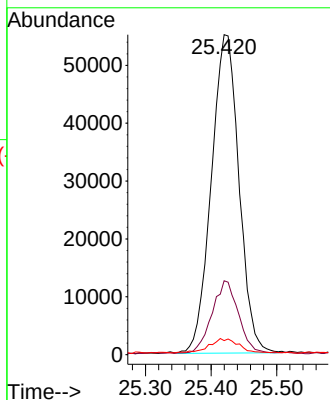
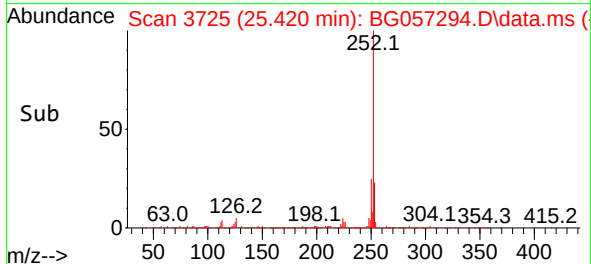
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:252 Resp: 16099
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 4.4 5.1 7.7

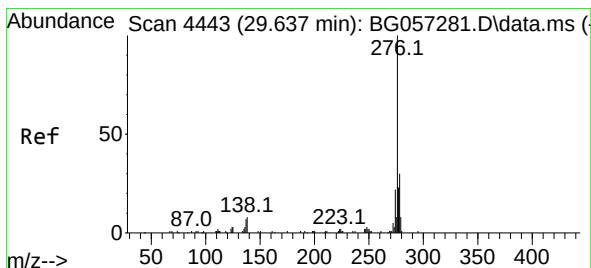
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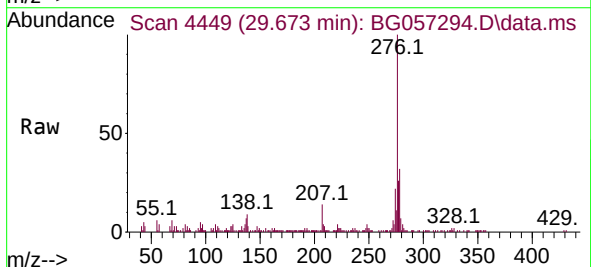


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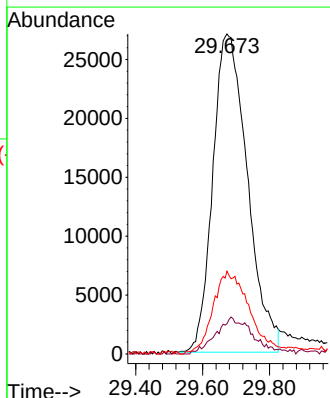
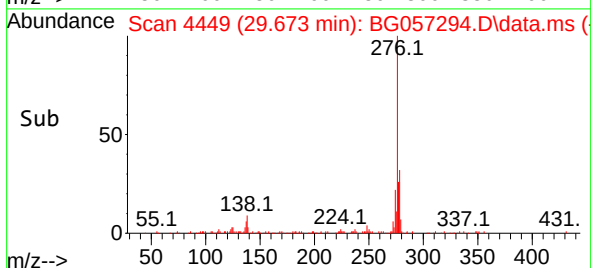
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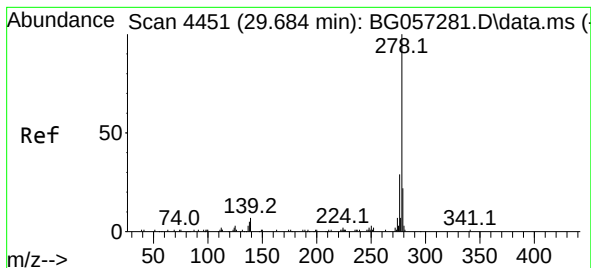


#94
Indeno(1,2,3-cd)pyrene
Concen: 27.960 ng/u1
RT: 29.673 min Scan# 4449
Delta R.T. 0.050 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



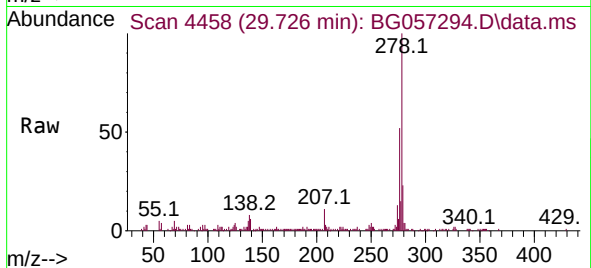
Tgt Ion:276 Resp: 193570
Ion Ratio Lower Upper
276 100
138 9.5 9.4 14.2
277 25.8 18.6 28.0





#95
Dibenzo(a,h)anthracene
Concen: 29.336 ng/ul m
RT: 29.726 min Scan# 4458
Delta R.T. 0.032 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01

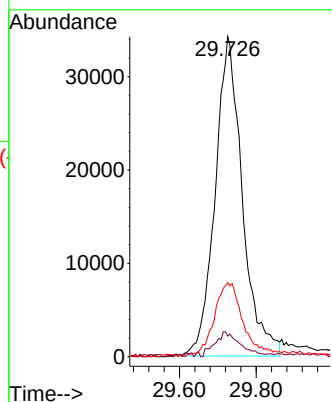
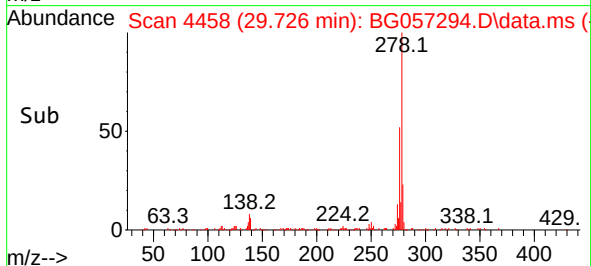
Instrument :
BNA_G
ClientSampleId :
SLCS413



Tgt Ion:278 Resp: 16840
Ion Ratio Lower Upper
278 100
139 6.5 5.8 8.6
279 23.1 18.3 27.5

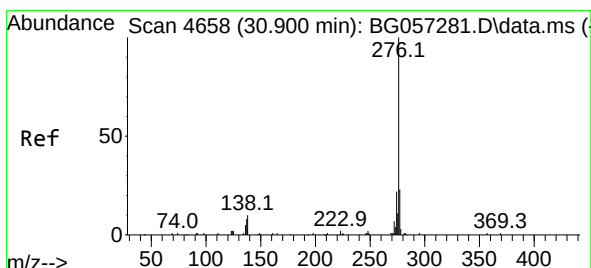
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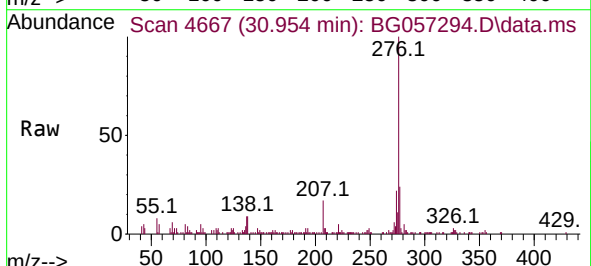


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Upadhyay

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#96
Benzo(g,h,i)perylene
Concen: 25.336 ng/ul
RT: 30.954 min Scan# 4667
Delta R.T. 0.044 min
Lab File: BG057294.D
Acq: 3 May 2023 20:01



Tgt Ion:276 Resp: 141955
Ion Ratio Lower Upper
276 100
138 8.7 8.7 13.1#
277 24.1 18.4 27.6

