

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
 Data File : BG054041.D
 Acq On : 24 Jun 2022 9:52
 Operator : CG/JU
 Sample : PB145702BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS702

Quant Time: Jun 24 23:52:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	21533	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	98664	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	77251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	195609	20.000	ng/u1	0.00
79) Chrysene-d12	21.719	240	204697	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	206597	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.493	96	3064	6.770	ng/uL	-0.01
4) Pyridine-d5	3.904	84	46981	38.167	ng/u1	-0.01
7) Phenol-d5	7.230	99	69053	44.763	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	40249	43.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.606	132	52625	42.779	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	60020	45.631	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	27404	37.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	32001	41.126	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	67724	39.339	ng/u1	0.00
31) 4-Chloroaniline-d4	11.008	131	79535	36.570	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	230451	37.920	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	255633	38.683	ng/u1	0.00
54) 4-Nitrophenol-d4	14.891	143	34675	41.670	ng/u1	0.01
60) Fluorene-d10	15.690	176	205071	37.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	44658	41.851	ng/u1	0.00
73) Anthracene-d10	17.541	188	338383	38.305	ng/u1	0.00
81) Pyrene-d10	19.827	212	430426	40.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.750	264	418570	40.137	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.528	88	7150	14.478	ng/uL#	78
5) Pyridine	3.922	79	47529	37.232	ng/u1	95
6) Benzaldehyde	7.206	77	45663	58.128	ng/u1	96
8) Phenol	7.259	94	69355	43.087	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.488	93	50682	41.568	ng/u1	89
12) 2-Chlorophenol	7.635	128	50298	40.046	ng/u1	97
13) 2-Methylphenol	8.511	108	52763	42.228	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.599	45	81367	44.927	ng/u1	99
16) Acetophenone	8.893	105	83380	40.989	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	45019	43.414	ng/u1	97
18) 4-Methylphenol	8.840	108	57824	43.260	ng/u1	93
19) Hexachloroethane	9.163	117	19830	37.259	ng/u1	92
22) Nitrobenzene	9.274	77	64329	36.878	ng/u1	93
23) Isophorone	9.797	82	126477	37.396	ng/u1	99
25) 2-Nitrophenol	9.991	139	31171	38.204	ng/u1	95
26) 2,4-Dimethylphenol	10.044	107	64246	36.060	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.279	93	75238	39.517	ng/u1	96
29) 2,4-Dichlorophenol	10.526	162	62827	36.493	ng/u1	96
30) Naphthalene	10.931	128	177265	36.218	ng/u1	99
32) 4-Chloroaniline	11.031	127	75190	34.863	ng/u1	98
33) Hexachlorobutadiene	11.219	225	46578	27.699	ng/u1	99
34) Caprolactam	11.789	113	15424	30.022	ng/u1	94
35) 4-Chloro-3-methylphenol	12.153	107	66409	40.112	ng/u1	96
36) 2-Methylnaphthalene	12.529	142	128741	35.558	ng/u1	95

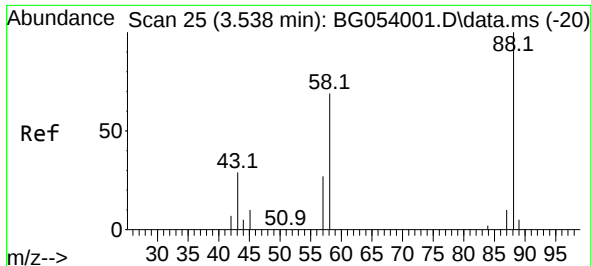
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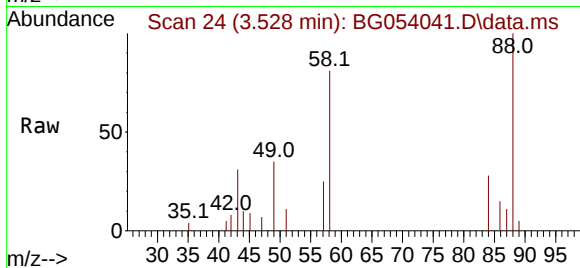
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.747	142	132208	36.615	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.900	216	97537	31.062	ng/ul	96
40) Hexachlorocyclopentadiene	12.882	237	47188	26.795	ng/ul#	83
41) 2,4,6-Trichlorophenol	13.135	196	59189	36.319	ng/ul	97
42) 2,4,5-Trichlorophenol	13.211	196	66293	35.982	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	191289	35.727	ng/ul	100
44) 2-Chloronaphthalene	13.575	162	157055	35.322	ng/ul	98
45) 2-Nitroaniline	13.775	65	46837	41.871	ng/ul	94
47) Dimethylphthalate	14.145	163	212491	36.378	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	46182	39.312	ng/ul	94
50) Acenaphthylene	14.421	152	244261	35.998	ng/ul	99
51) 3-Nitroaniline	14.592	138	41742	43.771	ng/ul#	94
52) Acenaphthene	14.762	153	170447	37.617	ng/ul	99
53) 2,4-Dinitrophenol	14.803	184	20951	38.497	ng/ul#	57
55) 4-Nitrophenol	14.903	109	27957	34.273	ng/ul	96
56) Dibenzofuran	15.097	168	247468	35.694	ng/ul	98
57) 2,4-Dinitrotoluene	15.050	165	66713	39.149	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.320	232	60568	37.833	ng/ul#	97
59) Diethylphthalate	15.508	149	213392	37.259	ng/ul	99
61) Fluorene	15.743	166	203871	36.105	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.732	204	119549	33.298	ng/ul	97
63) 4-Nitroaniline	15.755	138	44017	48.002	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.820	198	39980	39.031	ng/ul#	99
67) N-Nitrosodiphenylamine	15.943	169	185039	38.693	ng/ul	95
68) 4-Bromophenyl-phenylether	16.625	248	84949	34.962	ng/ul	98
69) Hexachlorobenzene	16.754	284	95181	33.423	ng/ul	95
70) Atrazine	16.889	200	85016	36.195	ng/ul	97
71) Pentachlorophenol	17.095	266	42413	35.138	ng/ul	94
72) Phenanthrene	17.483	178	363145	37.472	ng/ul	99
74) Anthracene	17.576	178	360982	36.960	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.499	216	107142	32.159	ng/uL	96
76) Pentachlorobenzene	15.021	250	103593	33.807	ng/uL	92
77) Carbazole	17.841	167	313759	38.965	ng/ul	99
78) Di-n-butylphthalate	18.399	149	380122	41.462	ng/ul	99
80) Fluoranthene	19.492	202	466970	39.193	ng/ul	97
82) Pyrene	19.856	202	465637	39.309	ng/ul	99
83) Butylbenzylphthalate	20.732	149	168905	47.315	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.607	252	170410	40.228	ng/ul	98
85) Benzo(a)anthracene	21.695	228	487214	38.615	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	240823	46.166	ng/ul	99
87) Chrysene	21.766	228	461740	38.146	ng/ul	99
89) Di-n-octyl phthalate	22.829	149	413442	46.597	ng/ul	100
90) Benzo(b)fluoranthene	23.940	252	490914	38.482	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	493536	40.404	ng/ul	100
93) Benzo(a)pyrene	24.821	252	432399	35.187	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.699	276	587543	39.740	ng/ul	99
95) Dibenzo(a,h)anthracene	28.758	278	477432	38.372	ng/ul	98
96) Benzo(g,h,i)perylene	29.856	276	471826	37.797	ng/ul	99

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

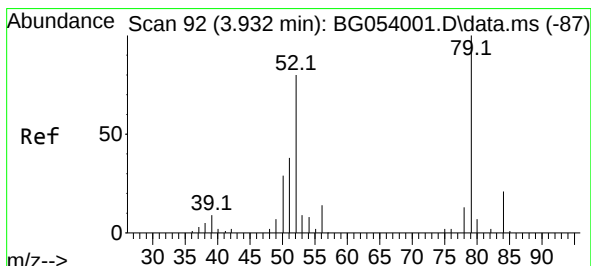
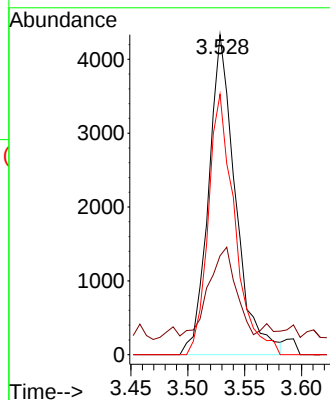
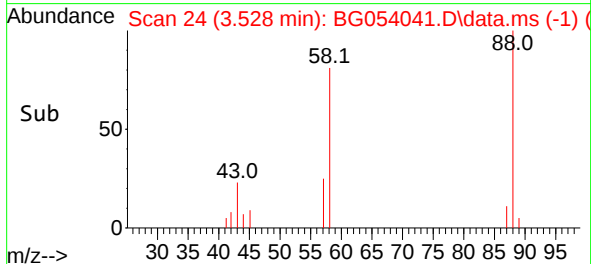


#2
1,4-Dioxane
Concen: 14.478 ng/uL
RT: 3.528 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Instrument :
BNA_G
ClientSampleId :
SLCS702

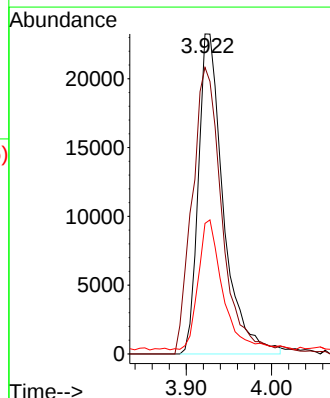
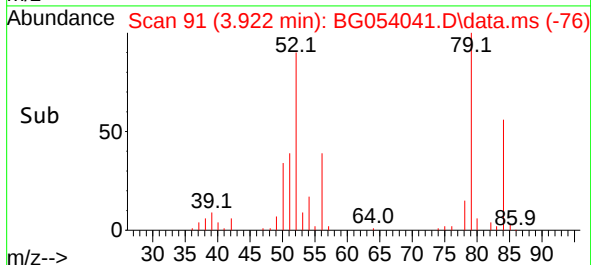
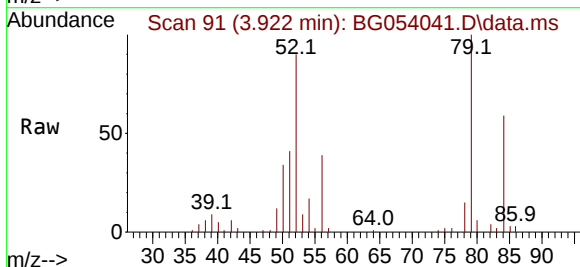


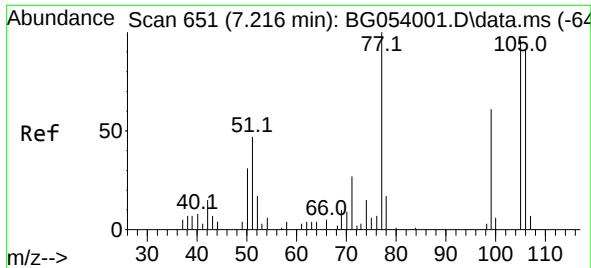
Tgt Ion: 88 Resp: 7150
Ion Ratio Lower Upper
88 100
43 30.9 48.1 72.1#
58 81.4 59.8 89.6



#5
Pyridine
Concen: 37.232 ng/uL
RT: 3.922 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion: 79 Resp: 47529
Ion Ratio Lower Upper
79 100
52 89.5 75.4 113.2
51 40.8 35.2 52.8

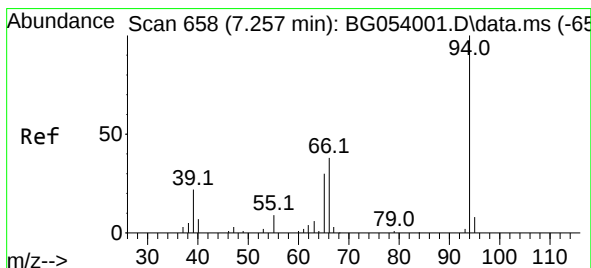
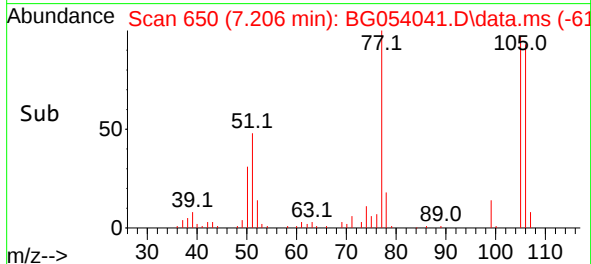
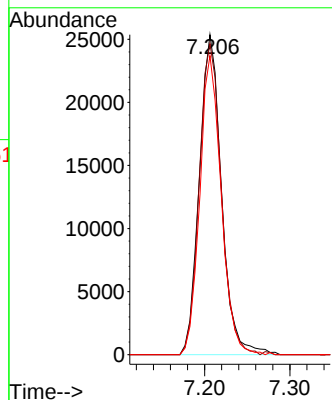
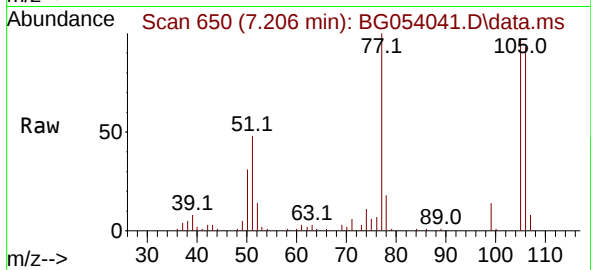




#6
Benzaldehyde
Concen: 58.128 ng/ul
RT: 7.206 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

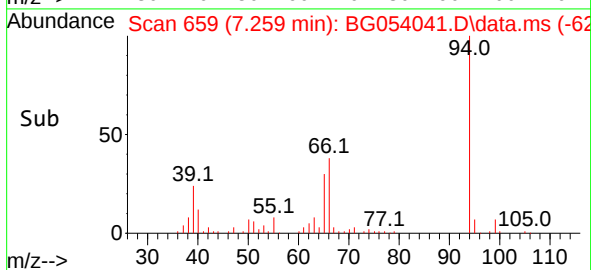
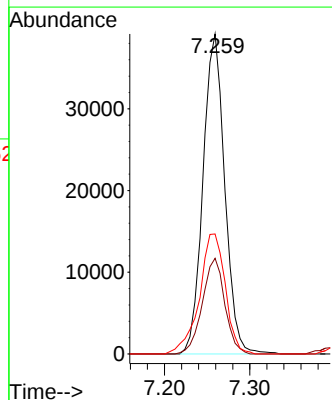
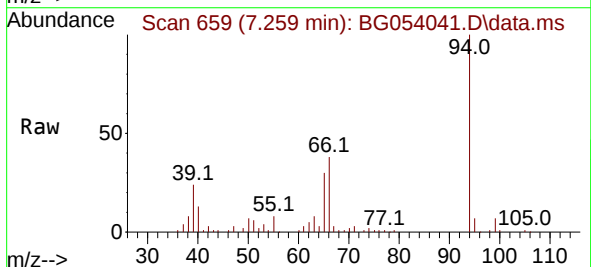
Instrument :
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ClientSampleId :
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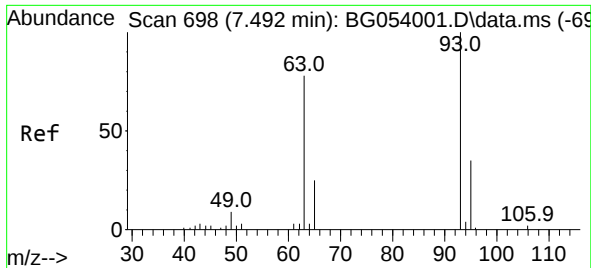
Tgt Ion: 77 Resp: 45663
Ion Ratio Lower Upper
77 100
105 97.2 79.7 119.5
106 93.4 71.0 106.4



#8
Phenol
Concen: 43.087 ng/ul
RT: 7.259 min Scan# 659
Delta R.T. 0.005 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion: 94 Resp: 69355
Ion Ratio Lower Upper
94 100
65 29.9 24.1 36.1
66 37.5 32.5 48.7

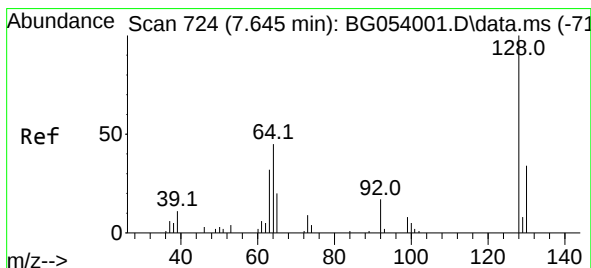
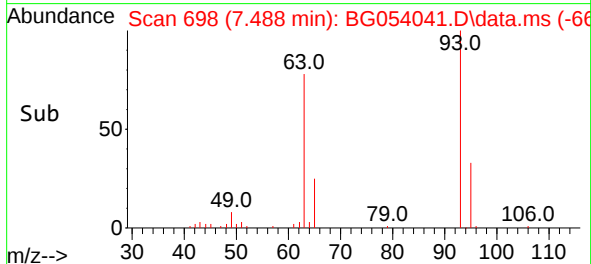
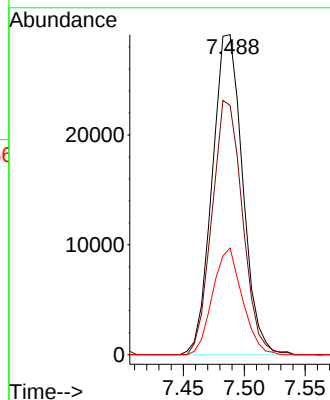
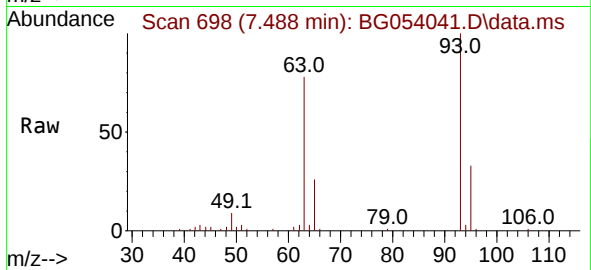




#10
Bis(2-Chloroethyl)ether
Concen: 41.568 ng/ul
RT: 7.488 min Scan# 698
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

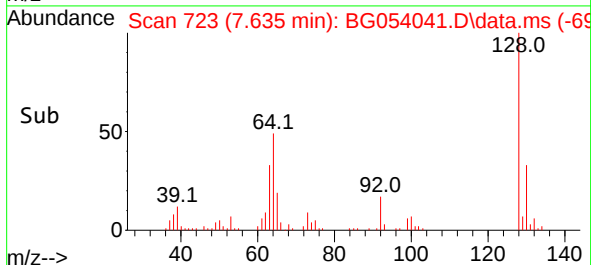
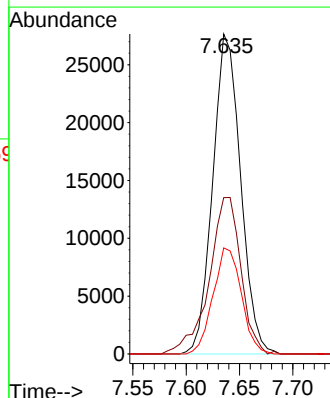
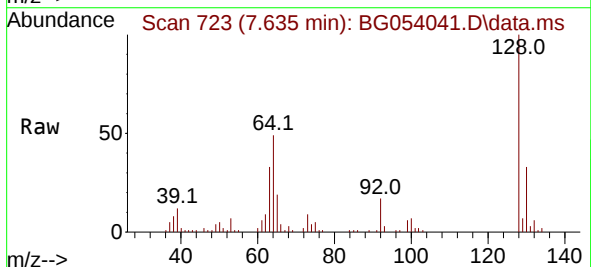
Instrument :
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ClientSampleId :
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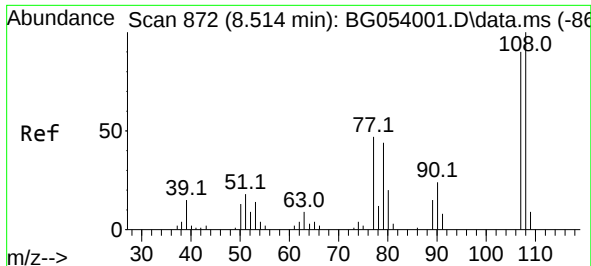
Tgt Ion: 93 Resp: 50682
Ion Ratio Lower Upper
93 100
63 77.9 72.3 108.5
95 33.3 29.4 44.0



#12
2-Chlorophenol
Concen: 40.046 ng/ul
RT: 7.635 min Scan# 723
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion: 128 Resp: 50298
Ion Ratio Lower Upper
128 100
64 48.8 41.4 62.2
130 33.1 27.0 40.6

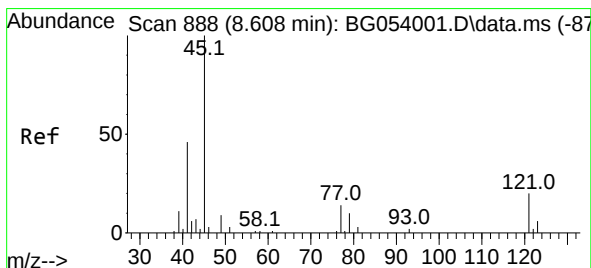
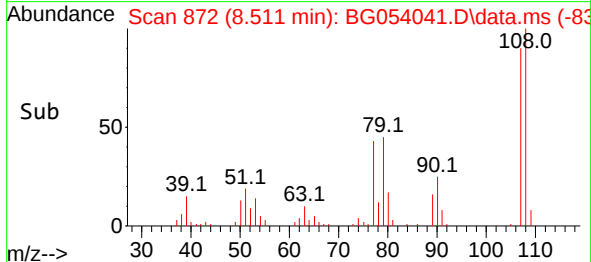
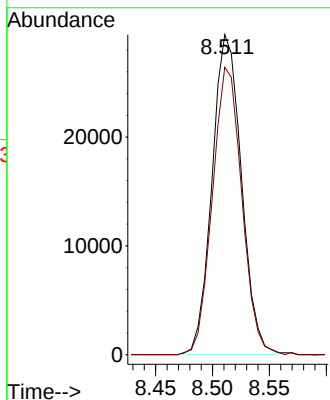
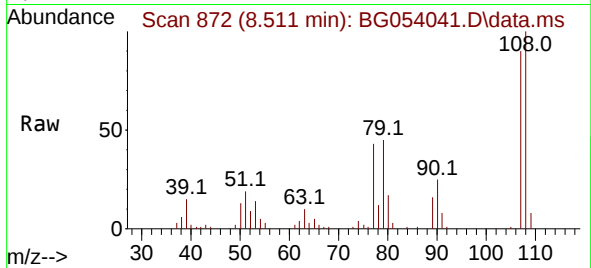




#13
2-Methylphenol
Concen: 42.228 ng/ul
RT: 8.511 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

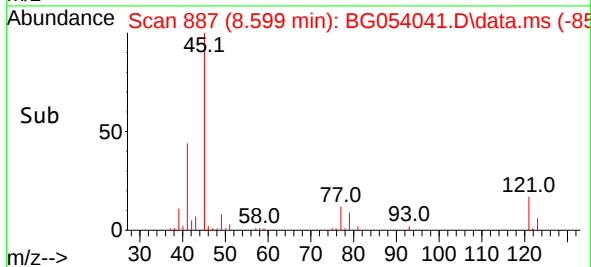
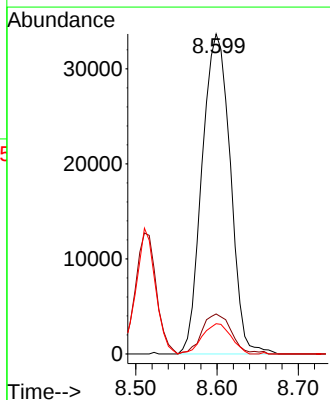
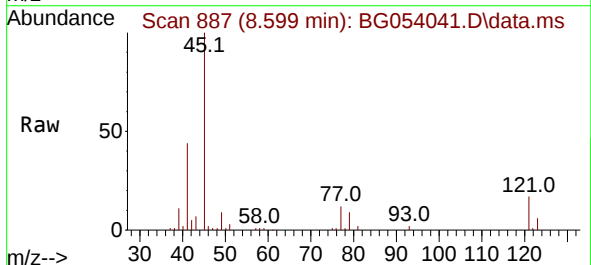
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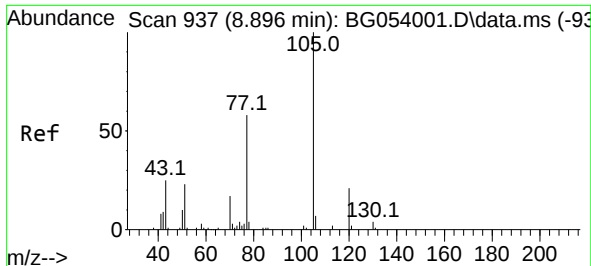
Tgt Ion:108 Resp: 52763
Ion Ratio Lower Upper
108 100
107 89.8 75.8 113.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 44.927 ng/ul
RT: 8.599 min Scan# 887
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion: 45 Resp: 81367
Ion Ratio Lower Upper
45 100
77 12.5 10.2 15.4
79 9.4 8.1 12.1

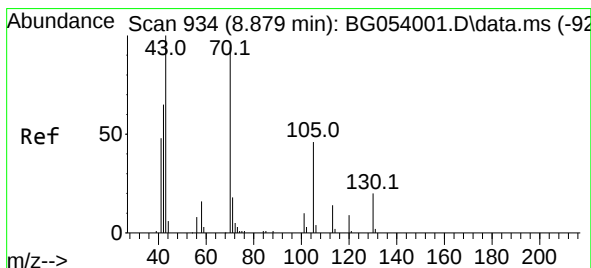
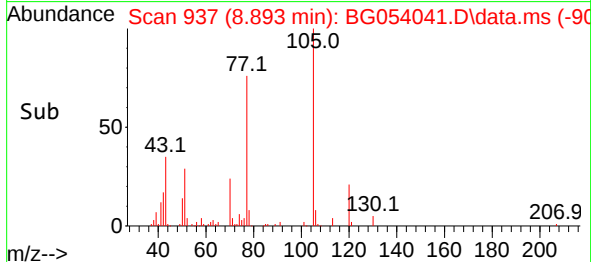
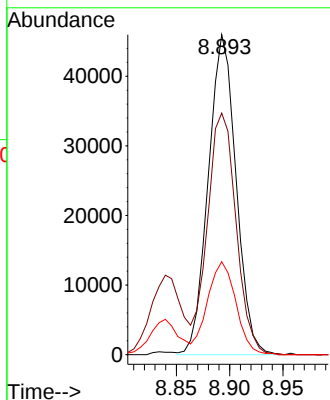
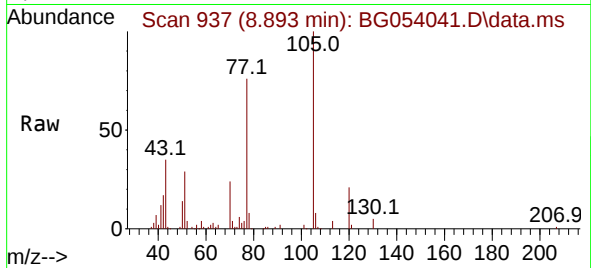




#16
 Acetophenone
 Concen: 40.989 ng/ul
 RT: 8.893 min Scan# 91
 Delta R.T. -0.007 min
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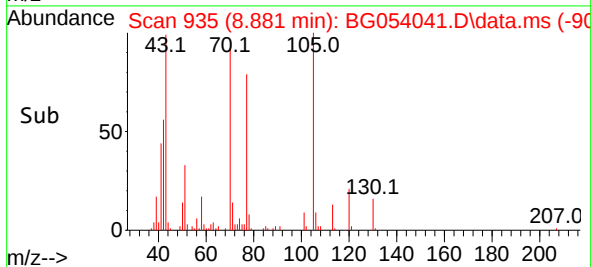
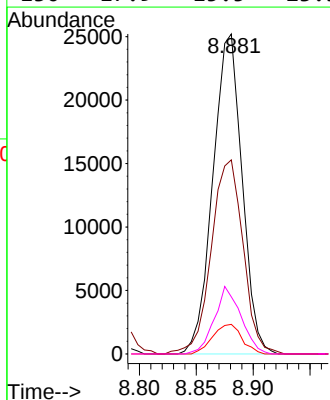
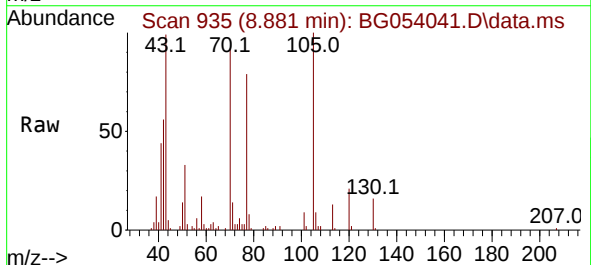
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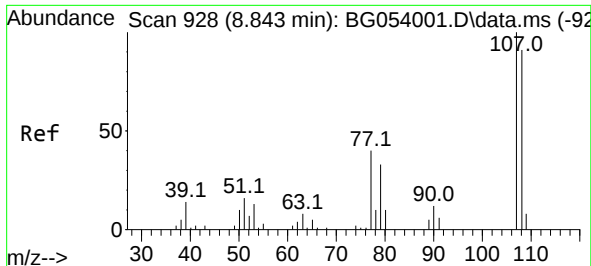
Tgt Ion:105 Resp: 83380
 Ion Ratio Lower Upper
 105 100
 77 75.5 61.0 91.6
 51 29.0 22.8 34.2



#17
 N-Nitroso-di-n-propylamine
 Concen: 43.414 ng/ul
 RT: 8.881 min Scan# 935
 Delta R.T. -0.001 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

Tgt Ion: 70 Resp: 45019
 Ion Ratio Lower Upper
 70 100
 42 60.6 50.2 75.4
 101 9.3 7.1 10.7
 130 17.9 15.5 23.3

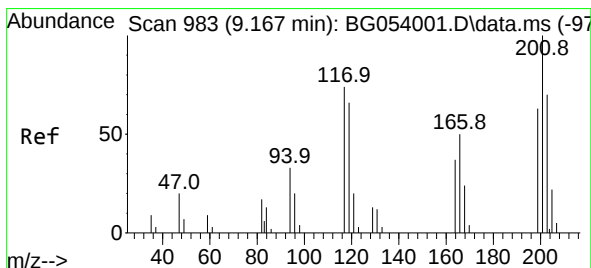
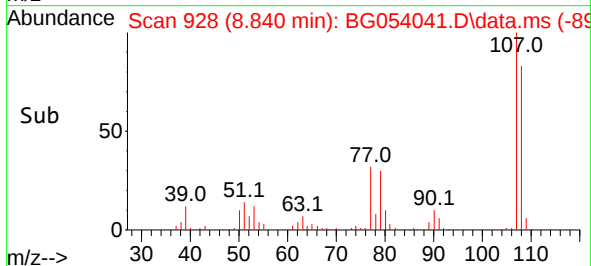
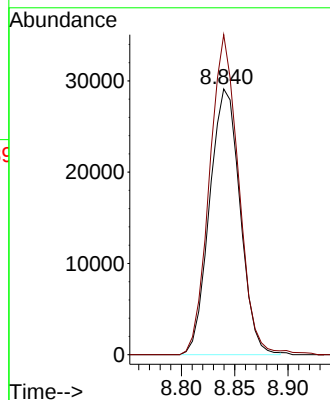
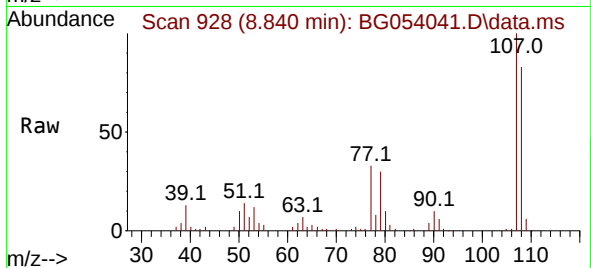




#18
4-Methylphenol
Concen: 43.260 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

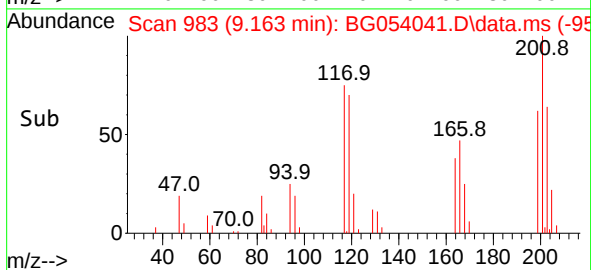
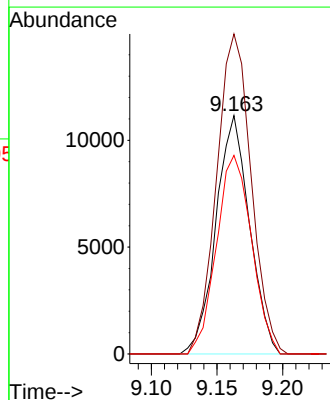
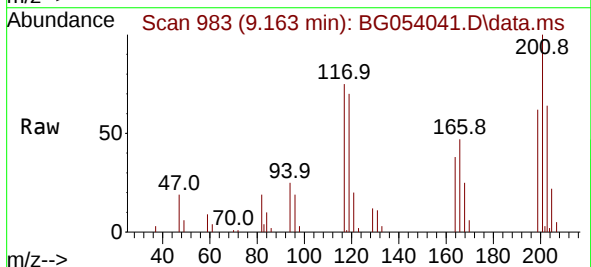
Instrument :
BNA_G
ClientSampleId :
SLCS702

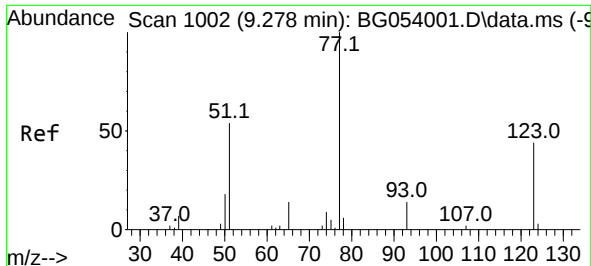
Tgt Ion:108 Resp: 57824
Ion Ratio Lower Upper
108 100
107 120.4 90.7 136.1



#19
Hexachloroethane
Concen: 37.259 ng/ul
RT: 9.163 min Scan# 983
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:117 Resp: 19830
Ion Ratio Lower Upper
117 100
201 134.2 117.4 176.0
199 83.3 64.0 96.0

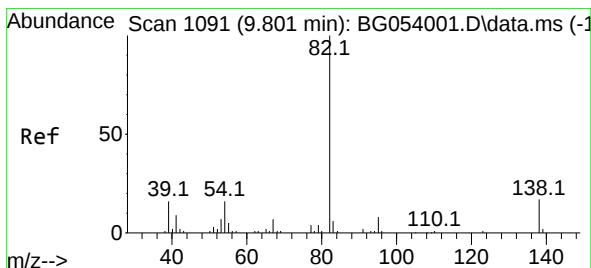
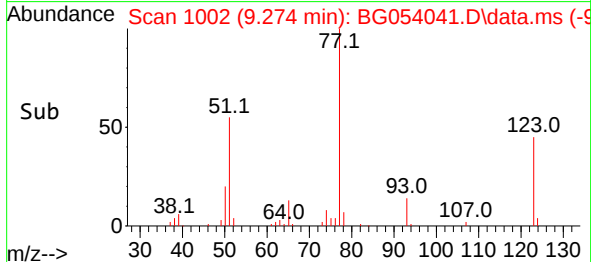
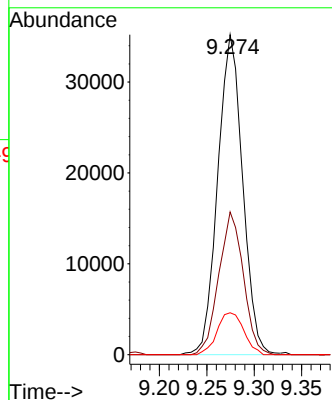
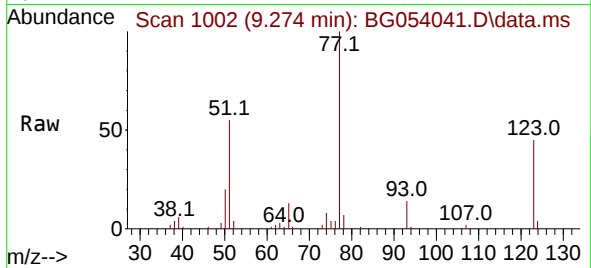




#22
Nitrobenzene
Concen: 36.878 ng/ul
RT: 9.274 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

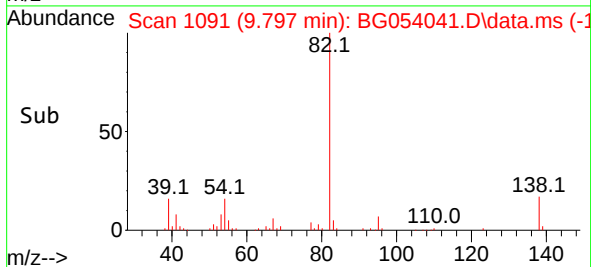
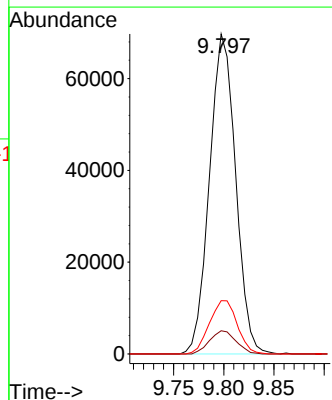
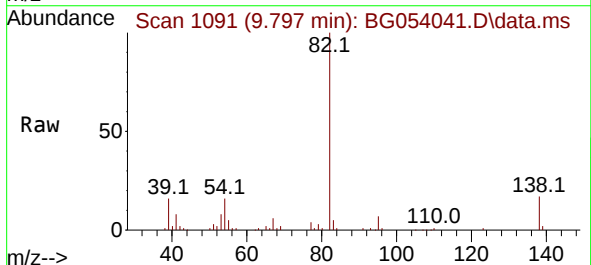
Instrument :
BNA_G
ClientSampleId :
SLCS702

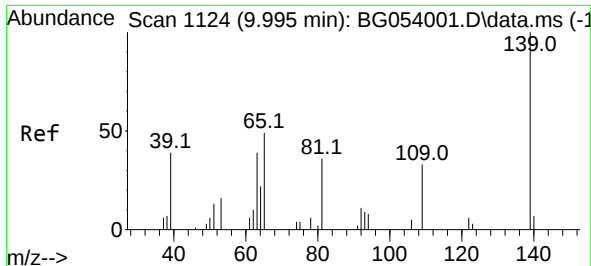
Tgt Ion: 77 Resp: 64329
Ion Ratio Lower Upper
77 100
123 44.6 31.2 46.8
65 13.1 10.5 15.7



#23
Isophorone
Concen: 37.396 ng/ul
RT: 9.797 min Scan# 1091
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion: 82 Resp: 126477
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.6 13.6 20.4

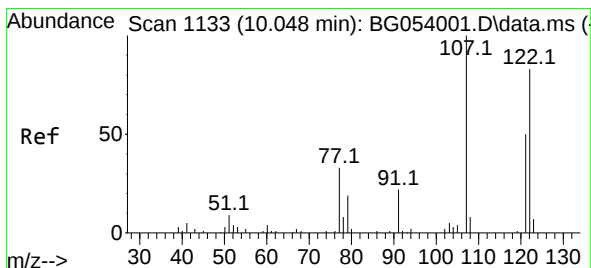
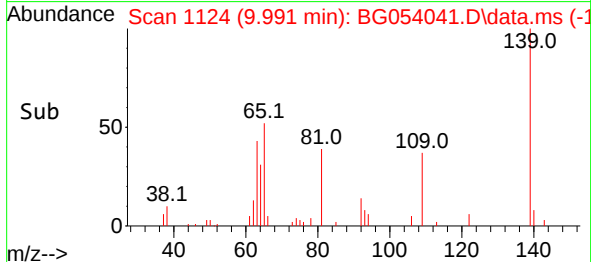
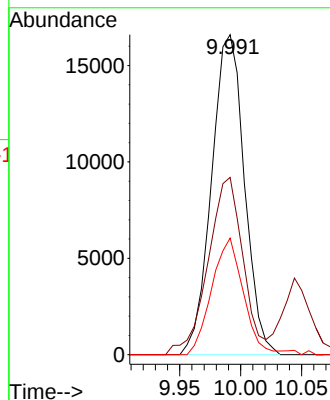
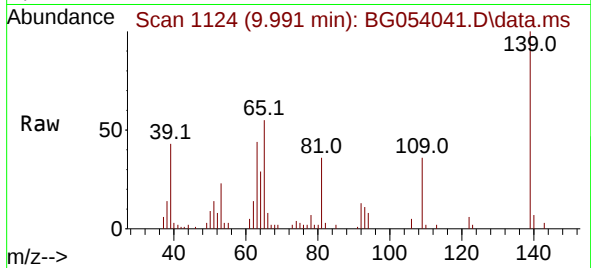




#25
2-Nitrophenol
Concen: 38.204 ng/ul
RT: 9.991 min Scan# 1124
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

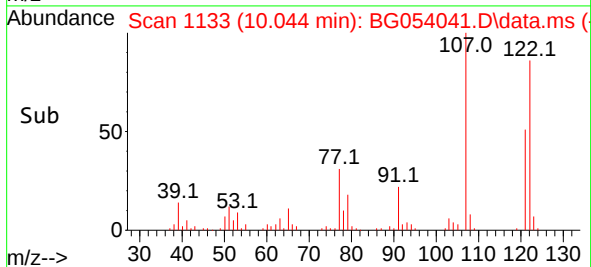
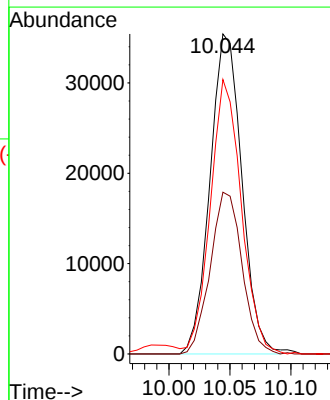
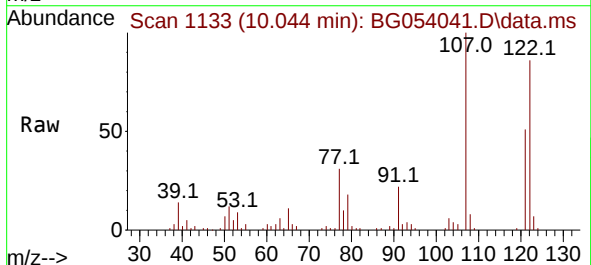
Instrument :
BNA_G
ClientSampleId :
SLCS702

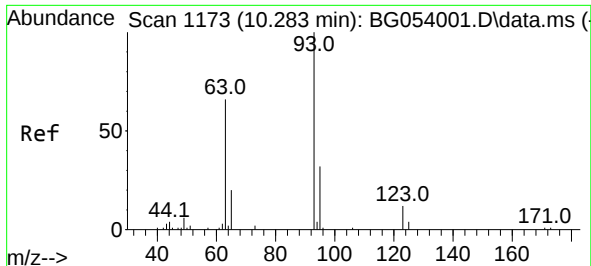
Tgt Ion:139 Resp: 31171
Ion Ratio Lower Upper
139 100
65 55.4 47.7 71.5
109 36.4 27.1 40.7



#26
2,4-Dimethylphenol
Concen: 36.060 ng/ul
RT: 10.044 min Scan# 1133
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:107 Resp: 64246
Ion Ratio Lower Upper
107 100
121 50.6 39.9 59.9
122 85.7 66.7 100.1

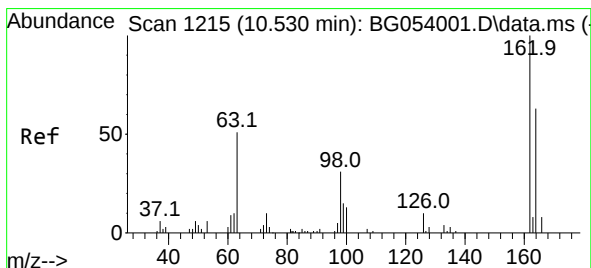
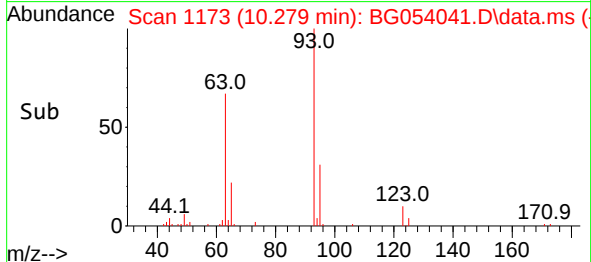
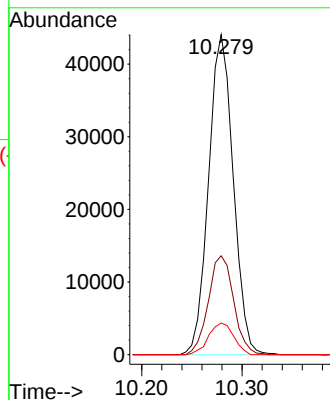
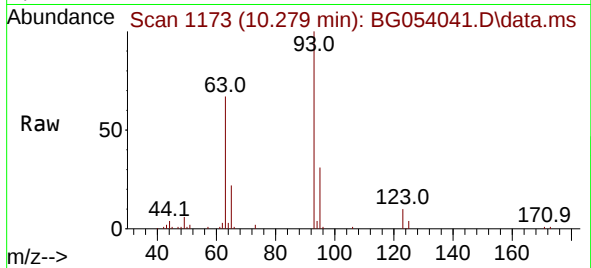




#27
 Bis(2-Chloroethoxy)methane
 Concen: 39.517 ng/ul
 RT: 10.279 min Scan# 1173
 Delta R.T. -0.007 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

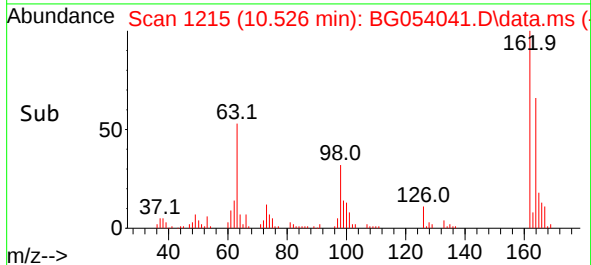
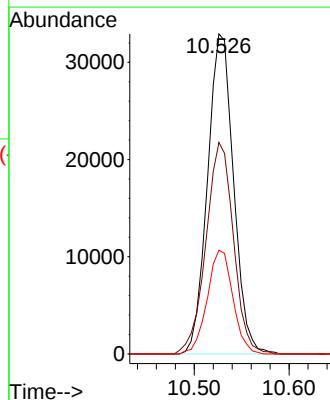
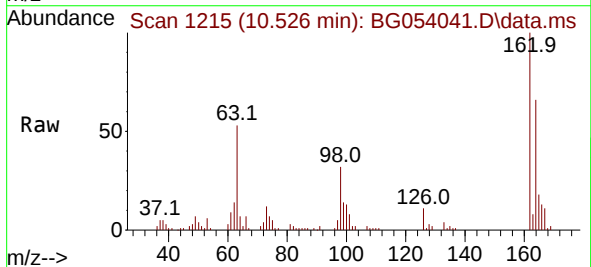
Instrument :
 BNA_G
 ClientSampleId :
 SLCS702

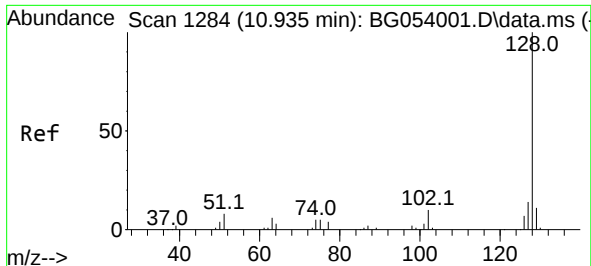
Tgt Ion: 93 Resp: 75238
 Ion Ratio Lower Upper
 93 100
 95 30.9 26.5 39.7
 123 9.9 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 36.493 ng/ul
 RT: 10.526 min Scan# 1215
 Delta R.T. -0.007 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

Tgt Ion: 162 Resp: 62827
 Ion Ratio Lower Upper
 162 100
 164 66.1 50.9 76.3
 98 32.4 28.5 42.7

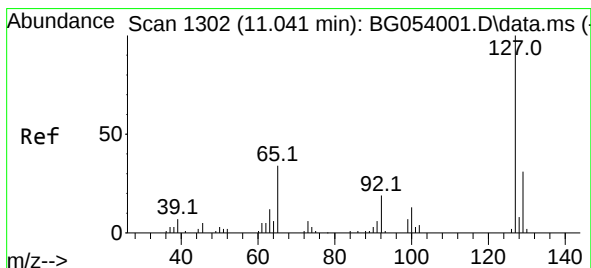
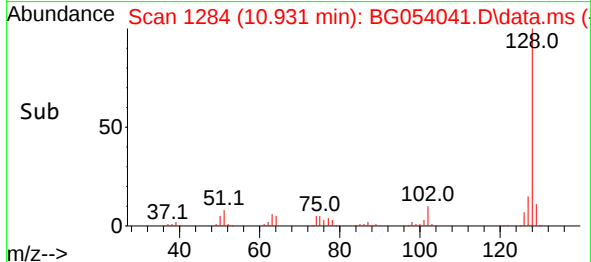
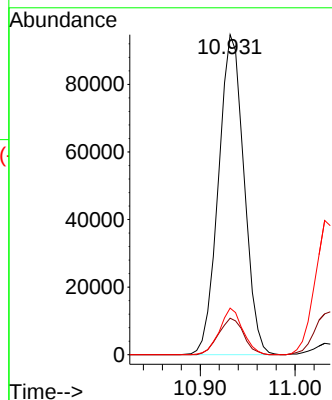
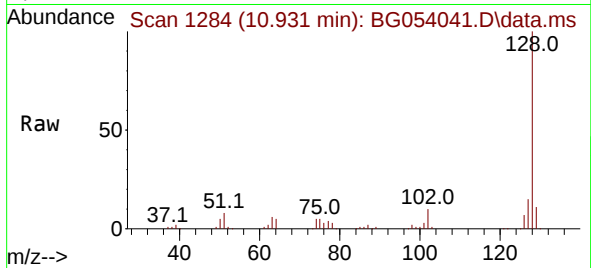




#30
Naphthalene
Concen: 36.218 ng/ul
RT: 10.931 min Scan# 1101
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

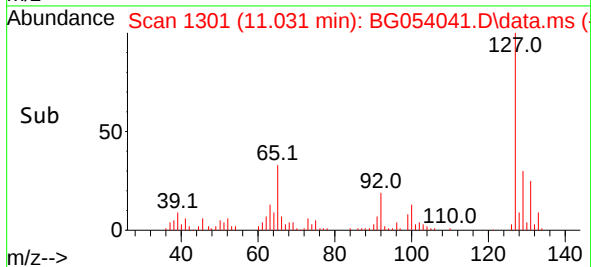
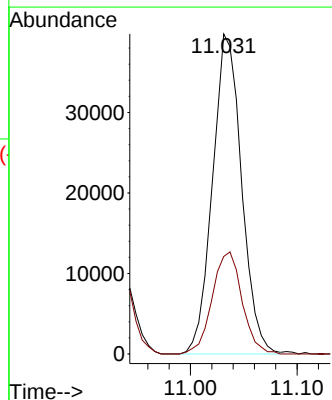
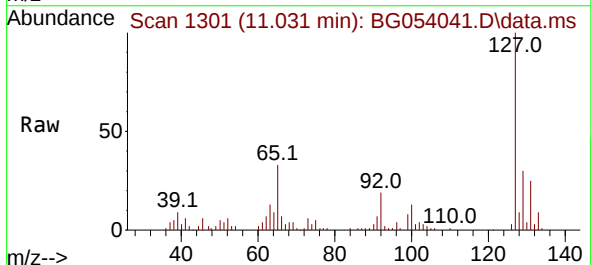
Instrument :
BNA_G
ClientSampleId :
SLCS702

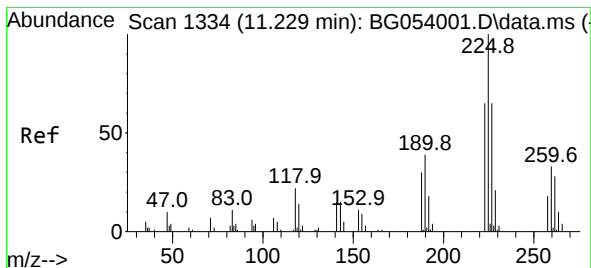
Tgt Ion:128 Resp: 177265
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.5 11.1 16.7



#32
4-Chloroaniline
Concen: 34.863 ng/ul
RT: 11.031 min Scan# 1301
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:127 Resp: 75190
Ion Ratio Lower Upper
127 100
129 30.4 25.4 38.2





#33

Hexachlorobutadiene

Concen: 27.699 ng/ul

RT: 11.219 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

Instrument :

BNA_G

ClientSampleId :

SLCS702

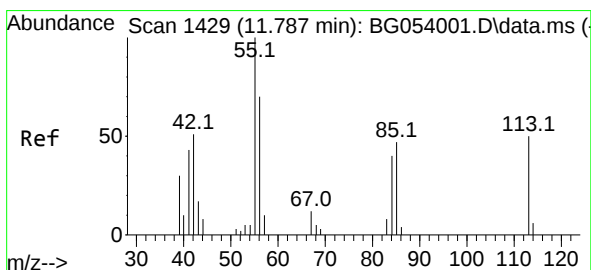
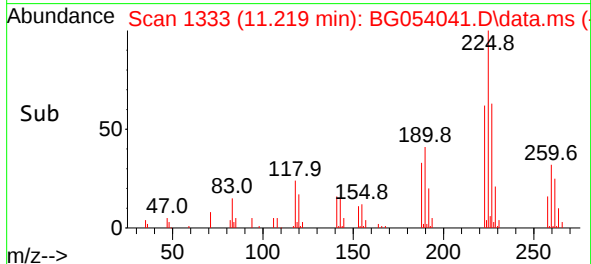
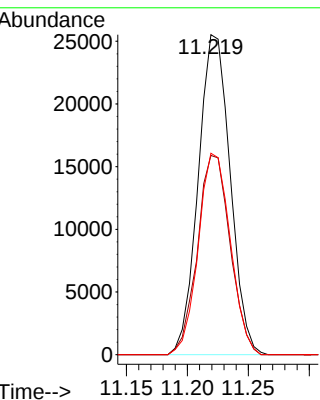
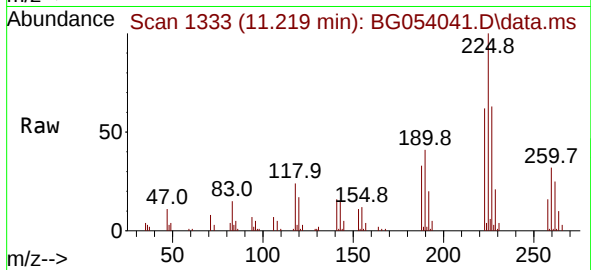
Tgt Ion:225 Resp: 46578

Ion Ratio Lower Upper

225 100

223 62.2 50.2 75.2

227 62.9 51.8 77.6



#34

Caprolactam

Concen: 30.022 ng/ul

RT: 11.789 min Scan# 1430

Delta R.T. -0.001 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

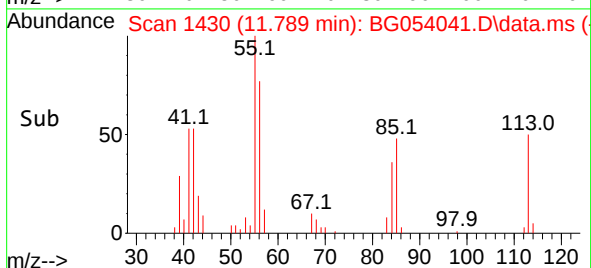
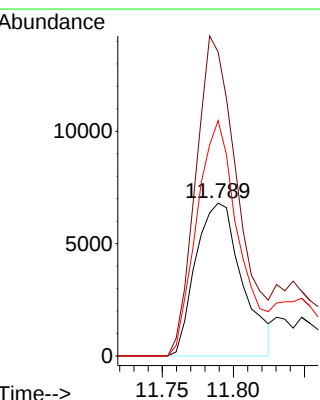
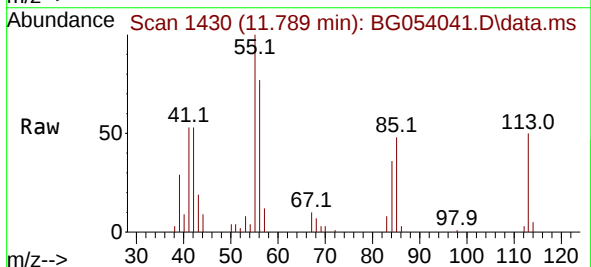
Tgt Ion:113 Resp: 15424

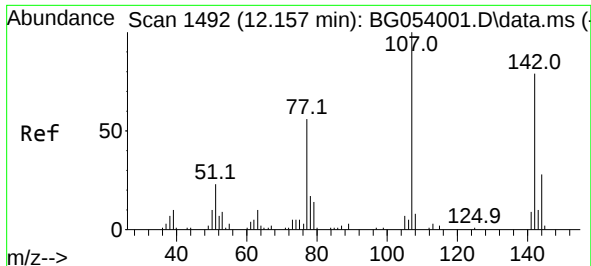
Ion Ratio Lower Upper

113 100

55 198.8 167.8 251.6

56 154.0 127.6 191.4

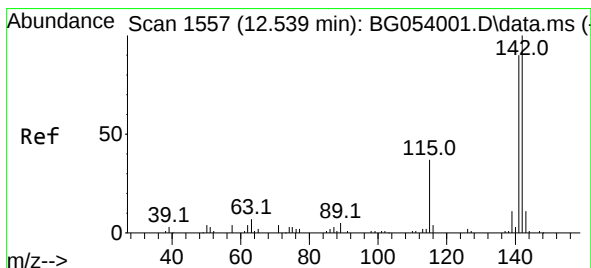
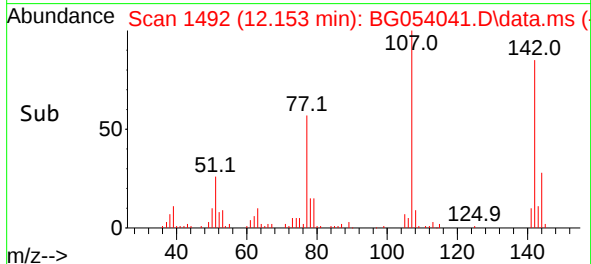
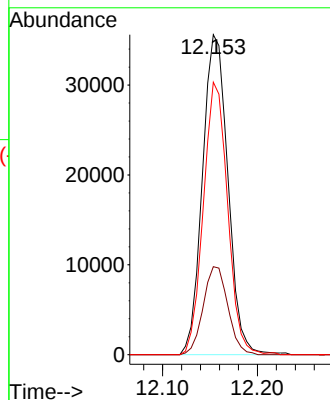
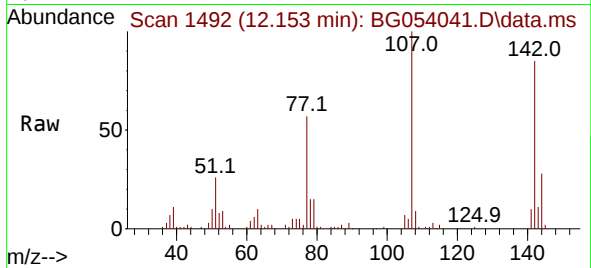




#35
 4-Chloro-3-methylphenol
 Concen: 40.112 ng/ul
 RT: 12.153 min Scan# 1492
 Delta R.T. -0.001 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

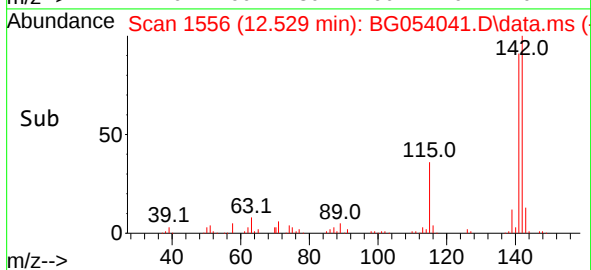
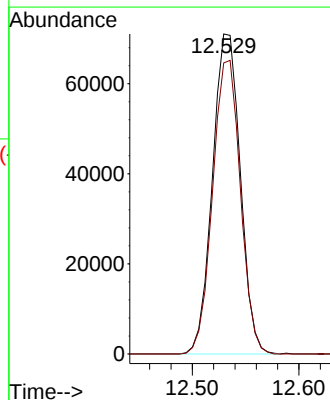
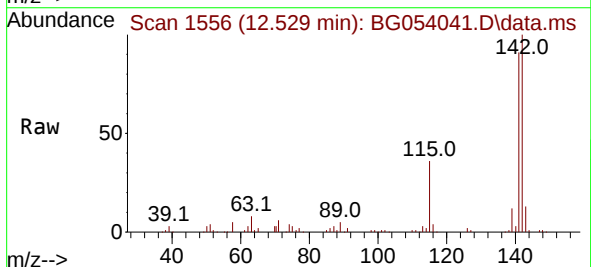
Instrument :
 BNA_G
 ClientSampleId :
 SLCS702

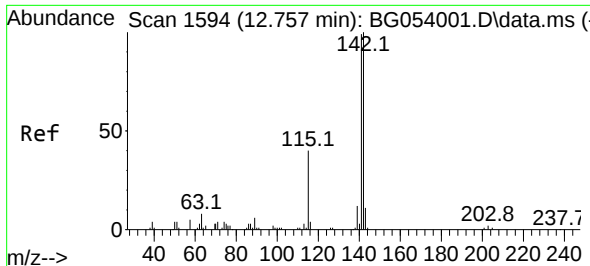
Tgt Ion:	107	Resp:	66409
Ion Ratio	Lower	Upper	
107	100		
144	27.5	21.3	31.9
142	85.1	65.0	97.4



#36
 2-Methylnaphthalene
 Concen: 35.558 ng/ul
 RT: 12.529 min Scan# 1556
 Delta R.T. -0.007 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

Tgt Ion:	142	Resp:	128741
Ion Ratio	Lower	Upper	
142	100		
141	91.0	76.3	114.5





#37

1-Methylnaphthalene

Concen: 36.615 ng/ul

RT: 12.747 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

Instrument :

BNA_G

ClientSampleId :

SLCS702

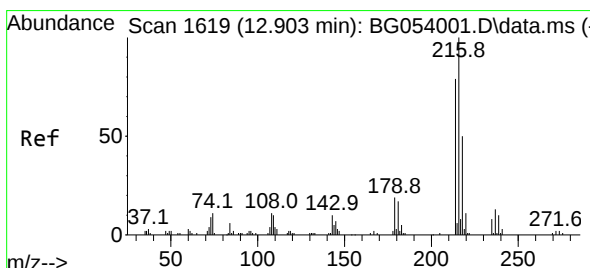
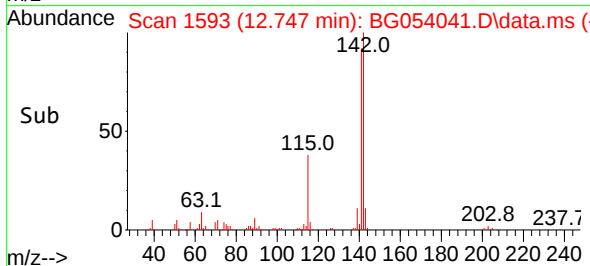
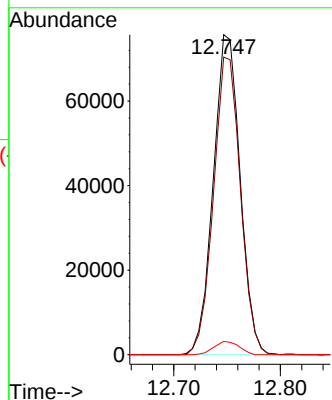
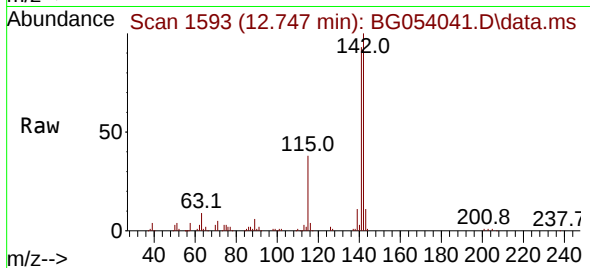
Tgt Ion:142 Resp: 132208

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.2

116 4.2 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.062 ng/ul

RT: 12.900 min Scan# 1619

Delta R.T. -0.007 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

Tgt Ion:216 Resp: 97537

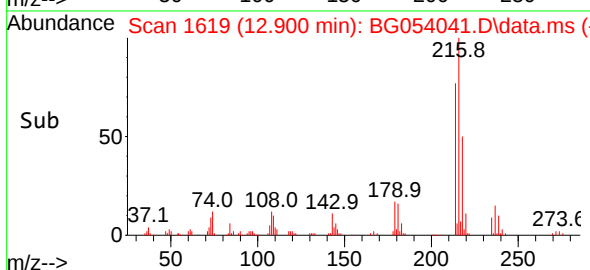
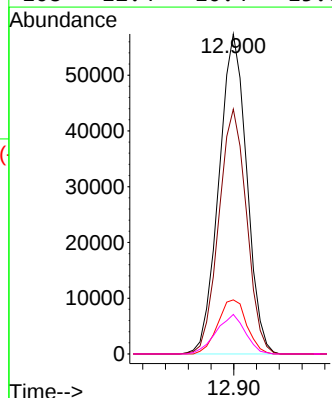
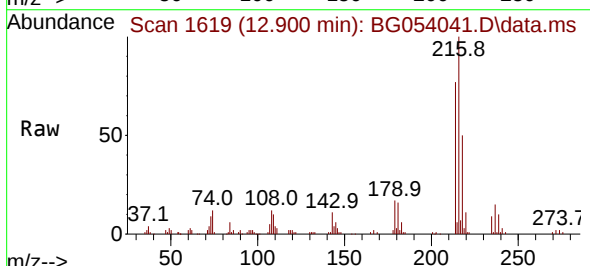
Ion Ratio Lower Upper

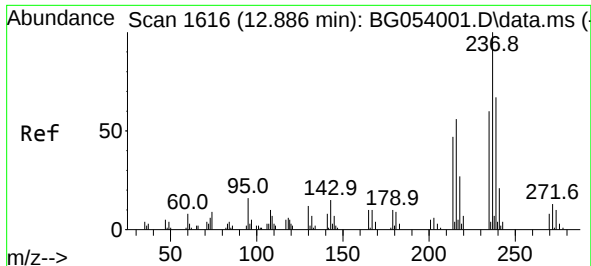
216 100

214 76.5 58.1 87.1

179 16.9 14.8 22.2

108 12.4 10.4 15.6

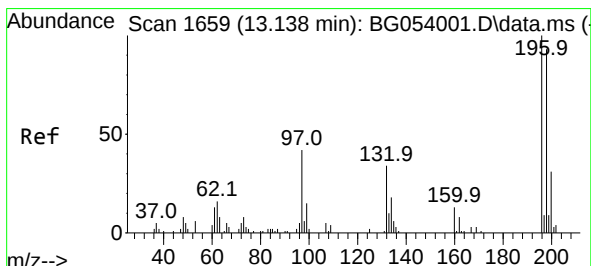
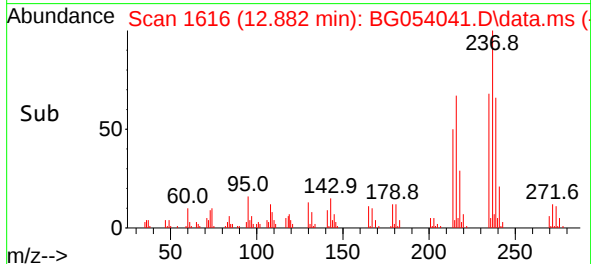
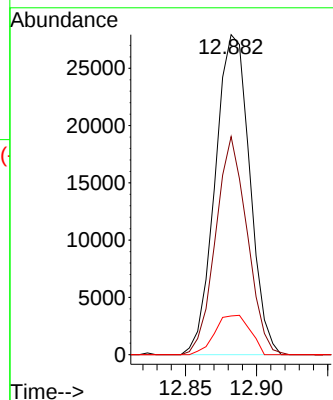
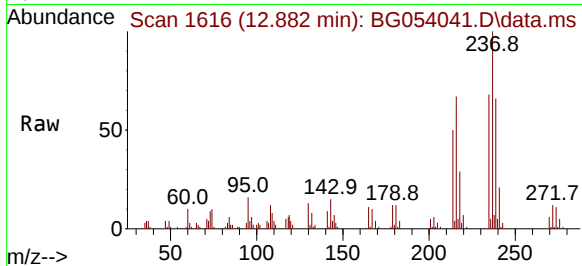




#40
Hexachlorocyclopentadiene
Concen: 26.795 ng/ul
RT: 12.882 min Scan# 1616
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

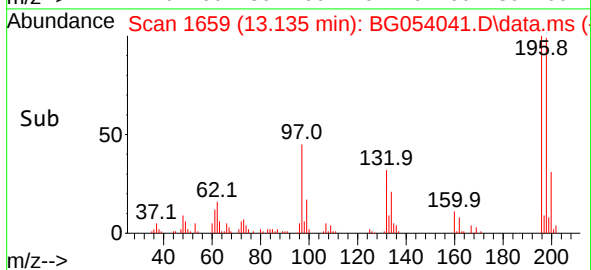
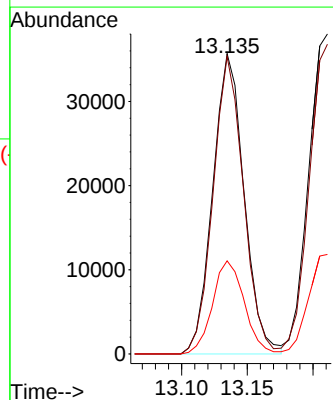
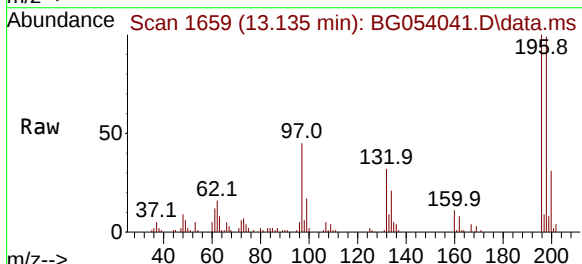
Instrument :
BNA_G
ClientSampleId :
SLCS702

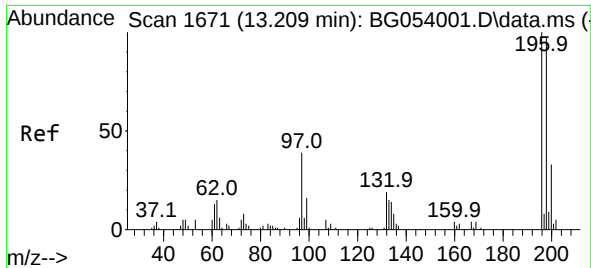
Tgt Ion:237 Resp: 47188
Ion Ratio Lower Upper
237 100
235 73.2 47.0 70.6#
272 12.8 8.6 12.8



#41
2,4,6-Trichlorophenol
Concen: 36.319 ng/ul
RT: 13.135 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:196 Resp: 59189
Ion Ratio Lower Upper
196 100
198 99.0 81.9 122.9
200 31.0 25.7 38.5

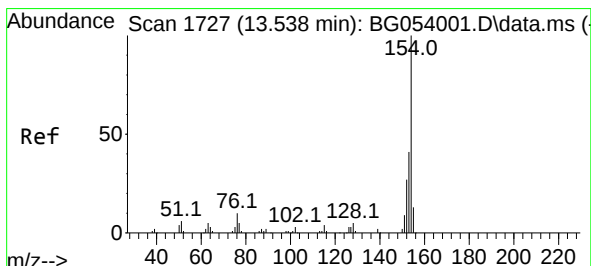
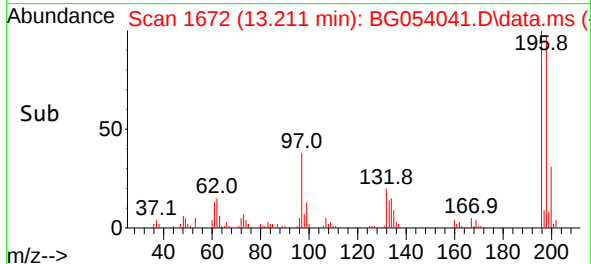
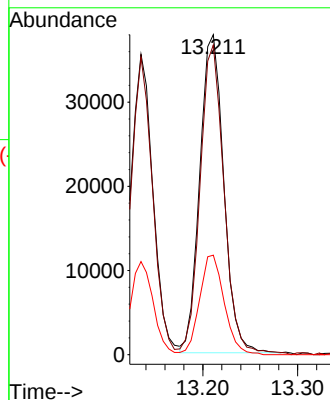
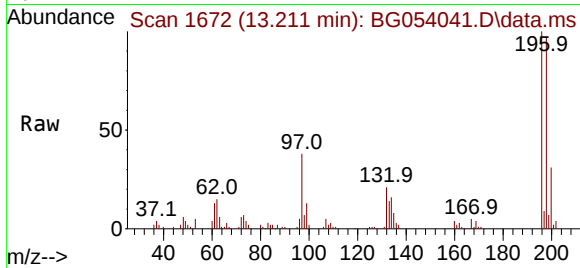




#42
2,4,5-Trichlorophenol
Concen: 35.982 ng/ul
RT: 13.211 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

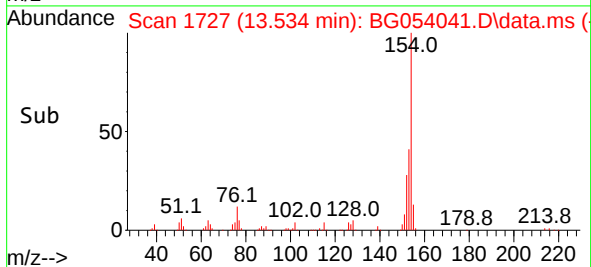
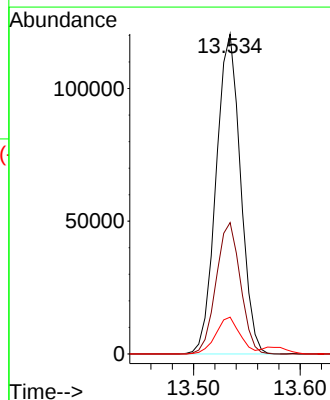
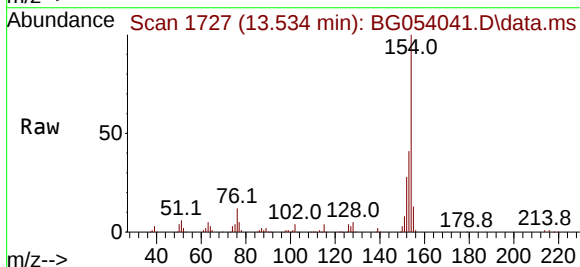
Instrument :
BNA_G
ClientSampleId :
SLCS702

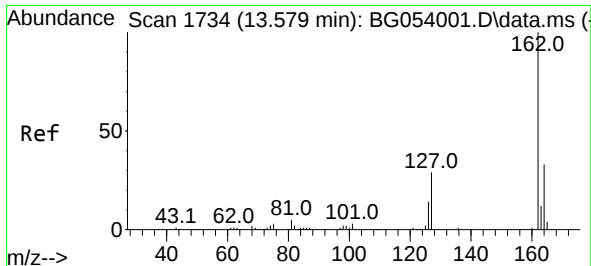
Tgt Ion:196 Resp: 66293
Ion Ratio Lower Upper
196 100
198 96.8 76.3 114.5
200 31.1 25.5 38.3



#43
1,1'-Biphenyl
Concen: 35.727 ng/ul
RT: 13.534 min Scan# 1727
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:154 Resp: 191289
Ion Ratio Lower Upper
154 100
153 41.1 32.7 49.1
76 11.5 9.0 13.6

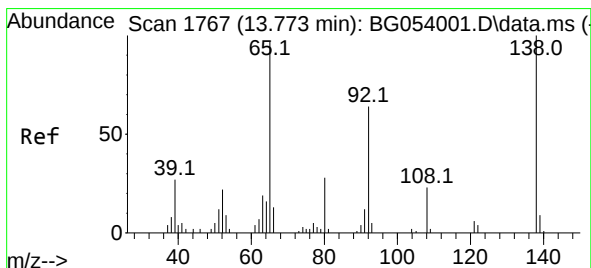
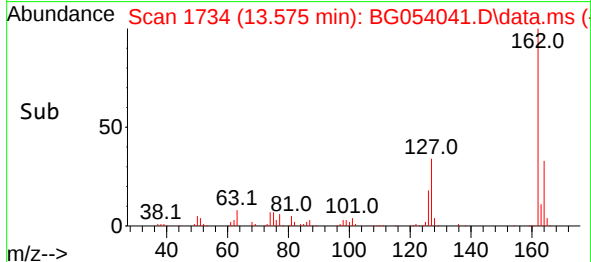
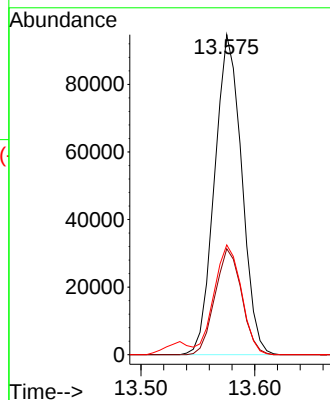
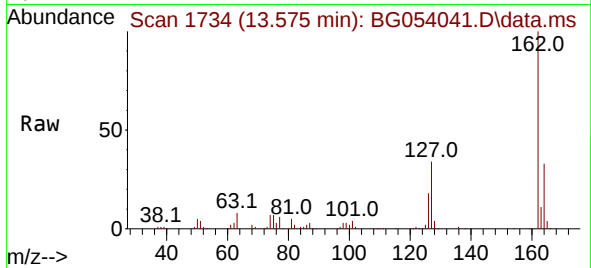




#44
2-Chloronaphthalene
Concen: 35.322 ng/ul
RT: 13.575 min Scan# 1734
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

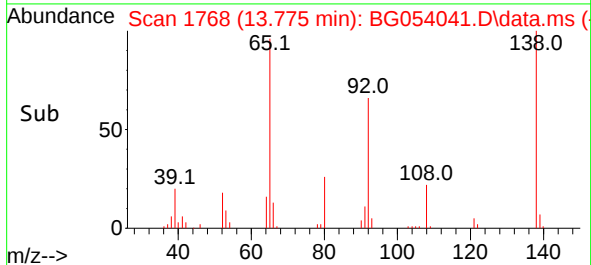
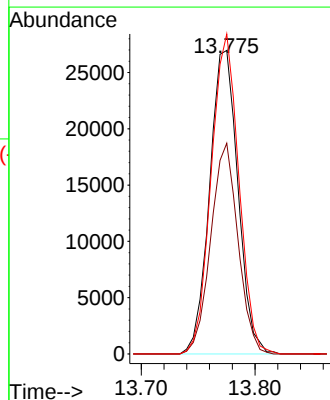
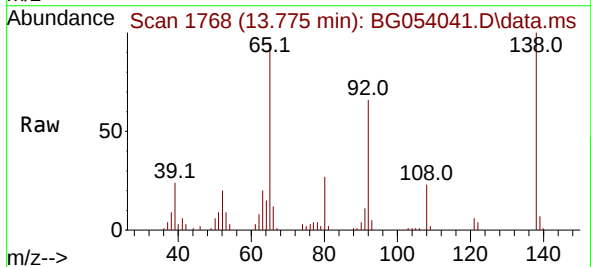
Instrument :
BNA_G
ClientSampleId :
SLCS702

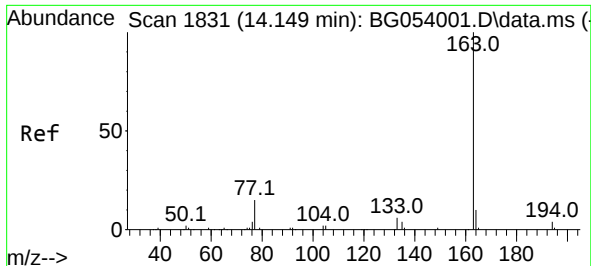
Tgt Ion:162 Resp: 157055
Ion Ratio Lower Upper
162 100
164 33.1 25.7 38.5
127 34.3 28.3 42.5



#45
2-Nitroaniline
Concen: 41.871 ng/ul
RT: 13.775 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion: 65 Resp: 46837
Ion Ratio Lower Upper
65 100
92 69.4 52.2 78.4
138 105.4 79.0 118.4

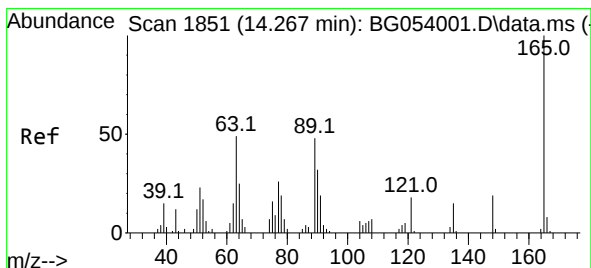
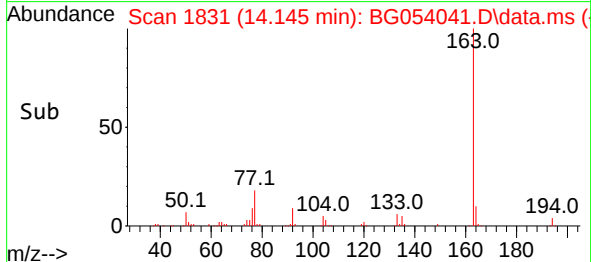
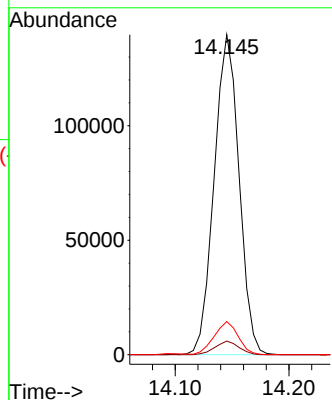
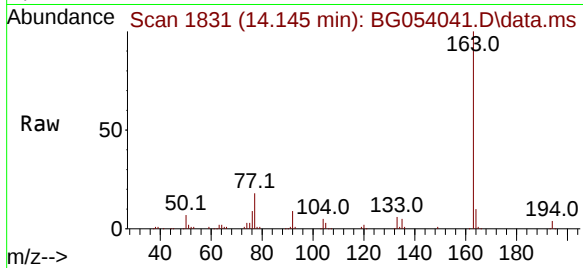




#47
Dimethylphthalate
Concen: 36.378 ng/ul
RT: 14.145 min Scan# 1831
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

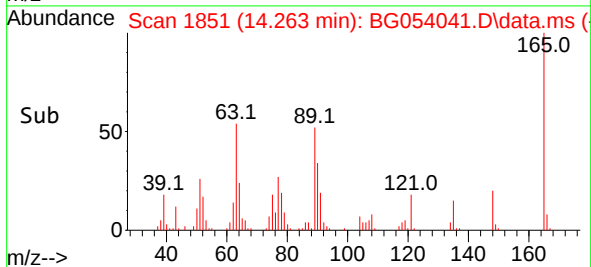
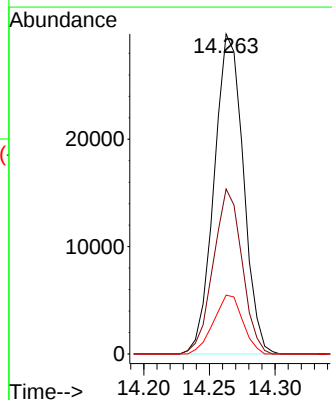
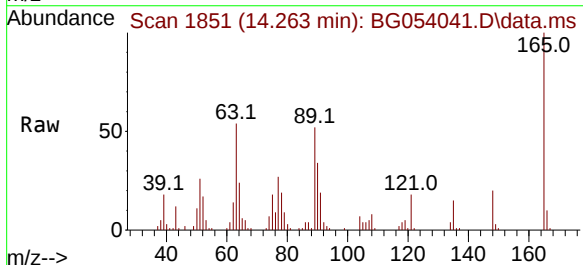
Instrument :
BNA_G
ClientSampleId :
SLCS702

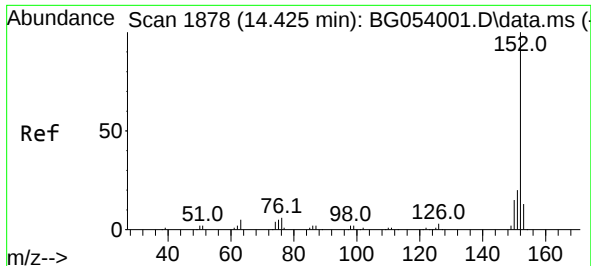
Tgt Ion:163 Resp: 212491
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.4 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 39.312 ng/ul
RT: 14.263 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:165 Resp: 46182
Ion Ratio Lower Upper
165 100
89 51.5 44.7 67.1
121 18.4 16.9 25.3

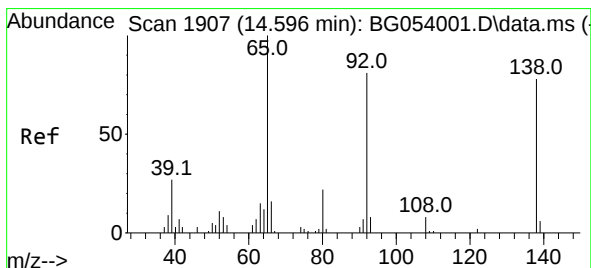
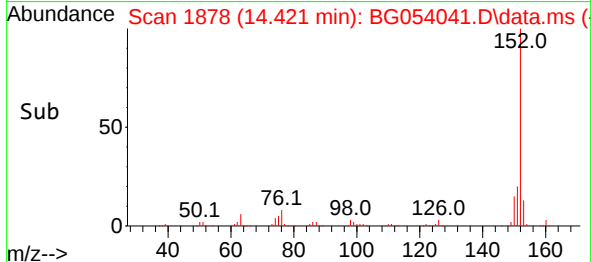
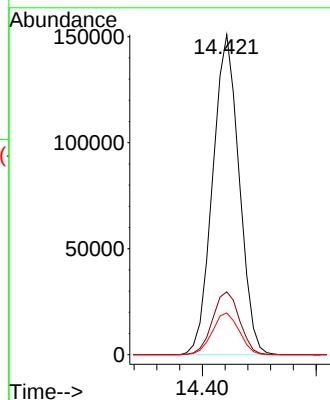
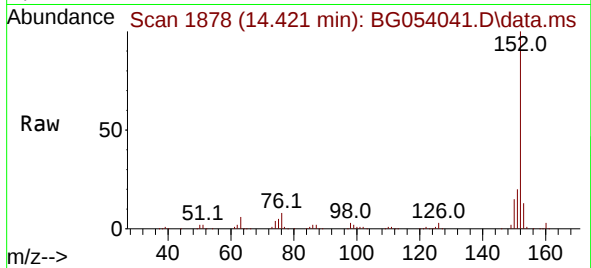




#50
Acenaphthylene
Concen: 35.998 ng/ul
RT: 14.421 min Scan# 1878
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

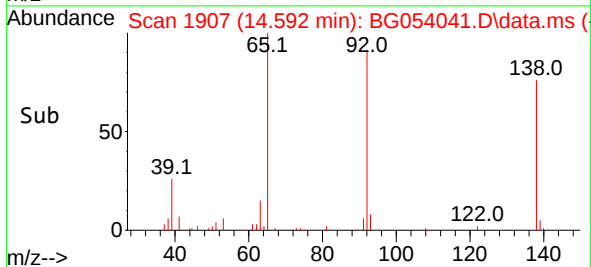
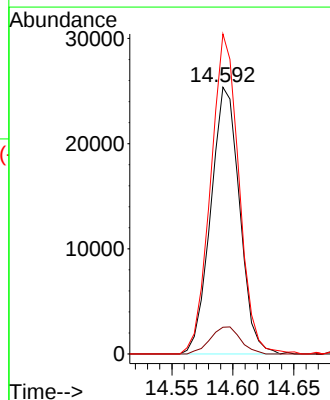
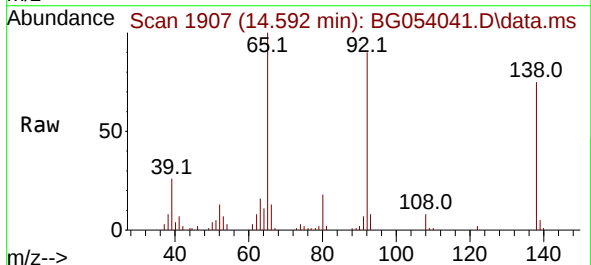
Instrument :
BNA_G
ClientSampleId :
SLCS702

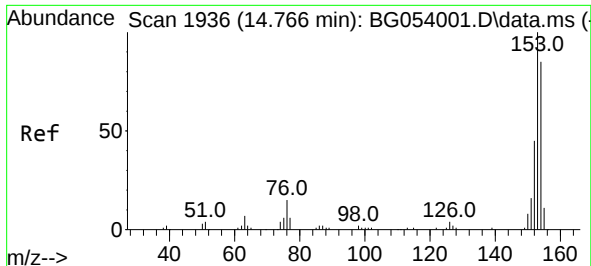
Tgt Ion:152 Resp: 244261
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 43.771 ng/ul
RT: 14.592 min Scan# 1907
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:138 Resp: 41742
Ion Ratio Lower Upper
138 100
108 10.0 17.8 26.6#
92 120.0 94.2 141.4

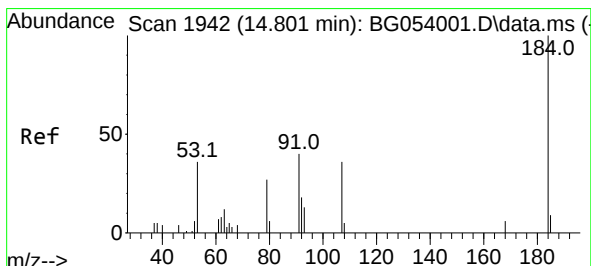
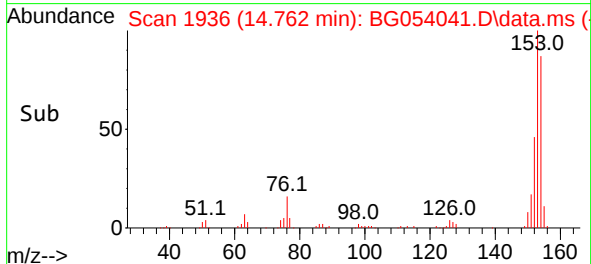
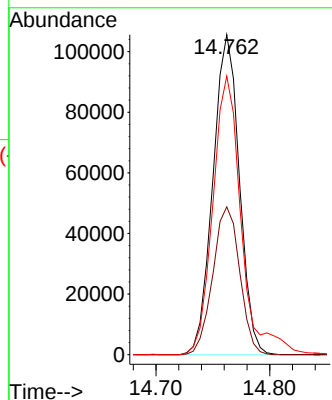
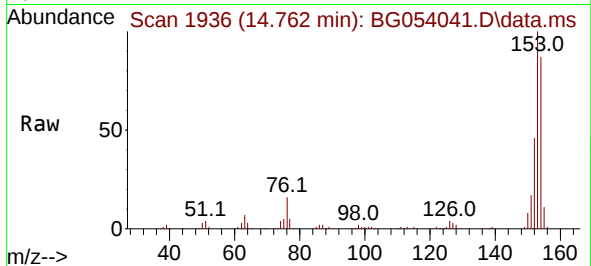




#52
Acenaphthene
Concen: 37.617 ng/ul
RT: 14.762 min Scan# 1936
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

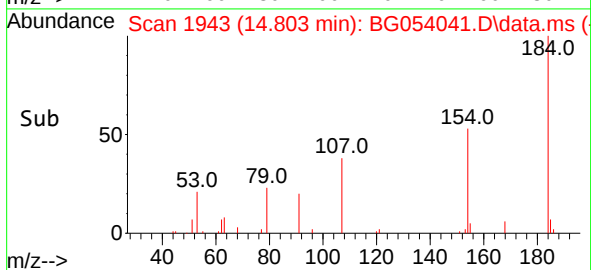
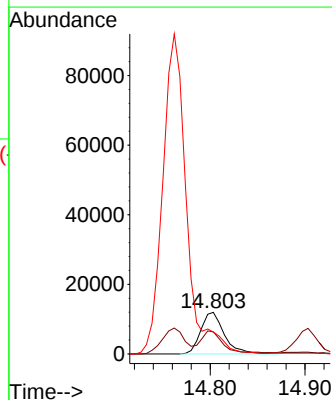
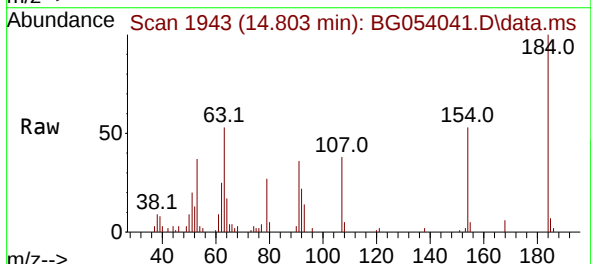
Instrument :
BNA_G
ClientSampleId :
SLCS702

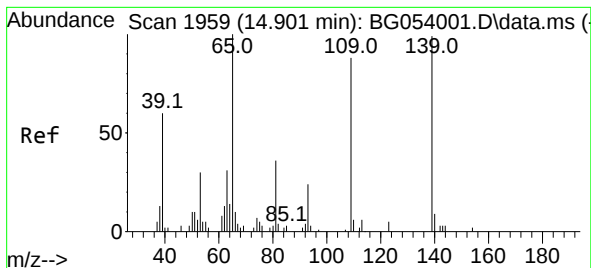
Tgt Ion:153 Resp: 170447
Ion Ratio Lower Upper
153 100
152 46.2 37.5 56.3
154 87.1 68.8 103.2



#53
2,4-Dinitrophenol
Concen: 38.497 ng/ul
RT: 14.803 min Scan# 1943
Delta R.T. 0.005 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:184 Resp: 20951
Ion Ratio Lower Upper
184 100
63 53.1 34.7 52.1#
154 52.8 87.3 130.9#

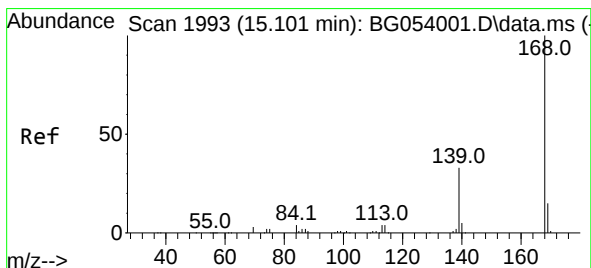
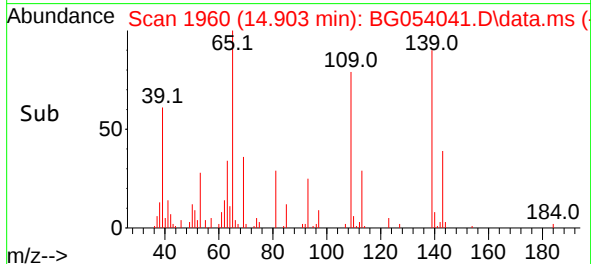
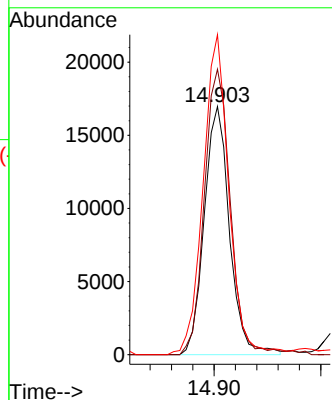
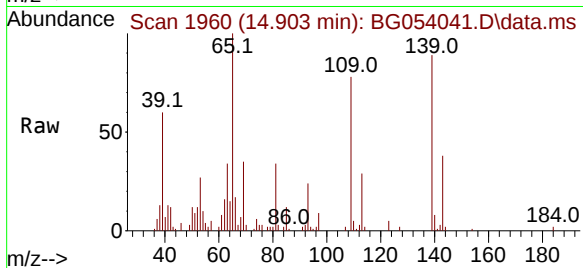




#55
4-Nitrophenol
Concen: 34.273 ng/ul
RT: 14.903 min Scan# 1959
Delta R.T. 0.011 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

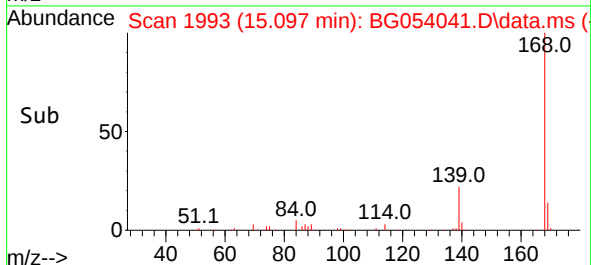
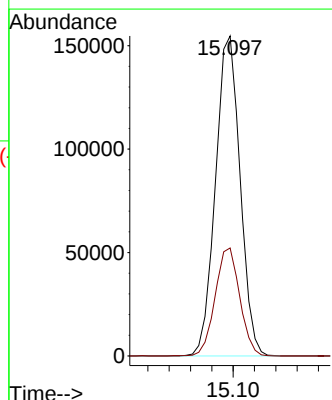
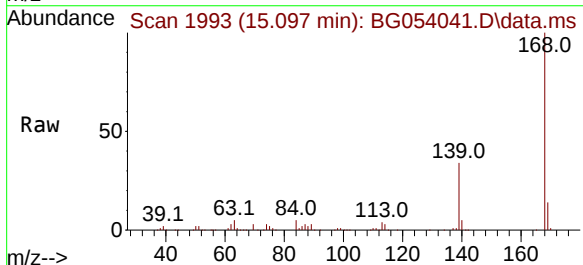
Instrument :
BNA_G
ClientSampleId :
SLCS702

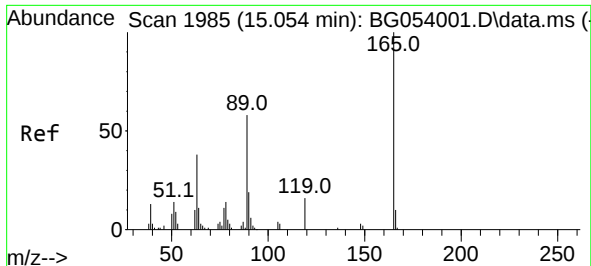
Tgt Ion:109 Resp: 27957
Ion Ratio Lower Upper
109 100
139 115.0 92.9 139.3
65 128.9 97.8 146.6



#56
Dibenzofuran
Concen: 35.694 ng/ul
RT: 15.097 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:168 Resp: 247468
Ion Ratio Lower Upper
168 100
139 33.8 28.2 42.2

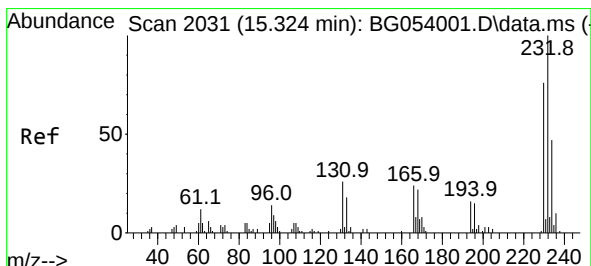
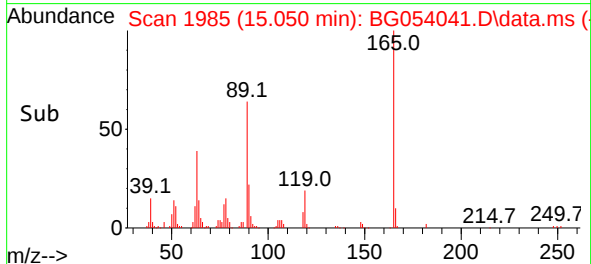
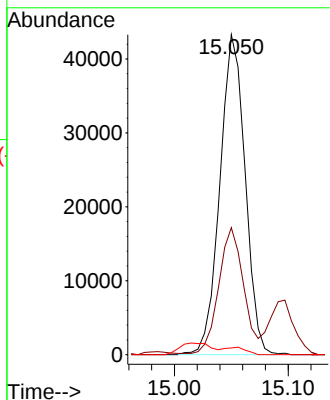
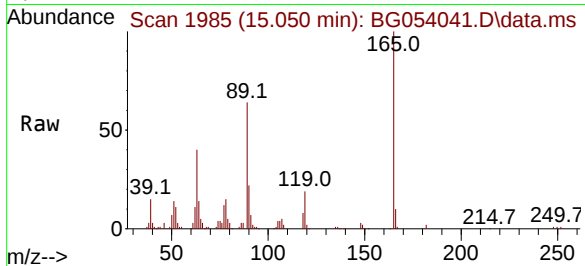




#57
2,4-Dinitrotoluene
Concen: 39.149 ng/ul
RT: 15.050 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

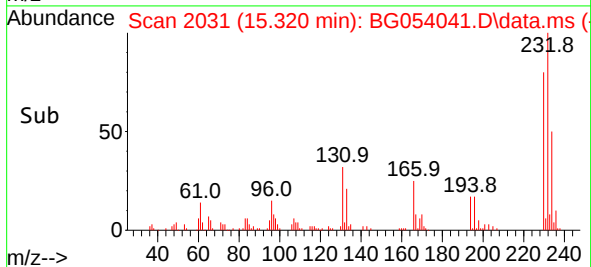
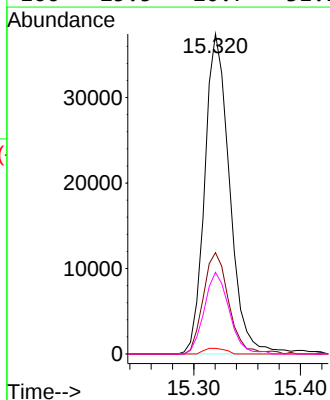
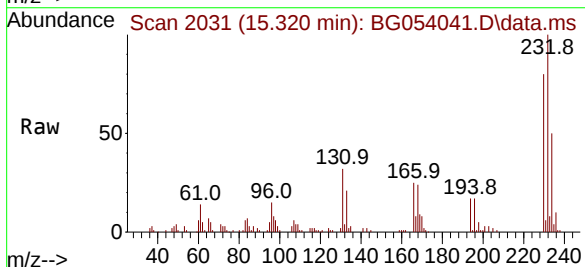
Instrument :
BNA_G
ClientSampleId :
SLCS702

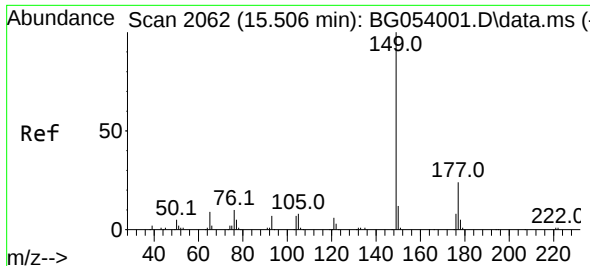
Tgt Ion:165 Resp: 66713
Ion Ratio Lower Upper
165 100
63 39.7 33.0 49.4
182 2.1 2.8 4.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.833 ng/ul
RT: 15.320 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:232 Resp: 60568
Ion Ratio Lower Upper
232 100
131 31.6 27.5 41.3
130 1.7 1.8 2.8#
166 25.5 20.7 31.1

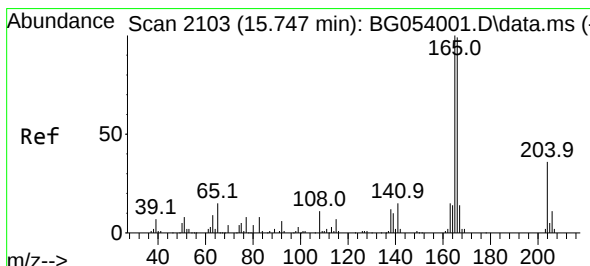
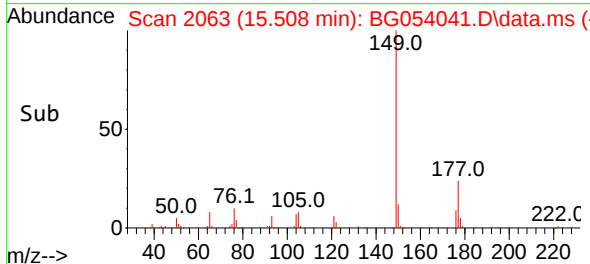
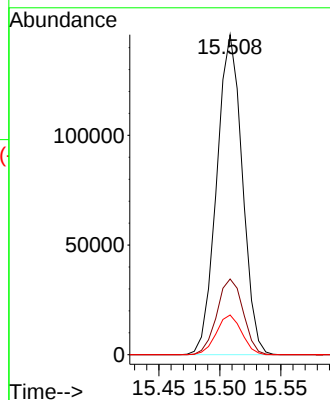
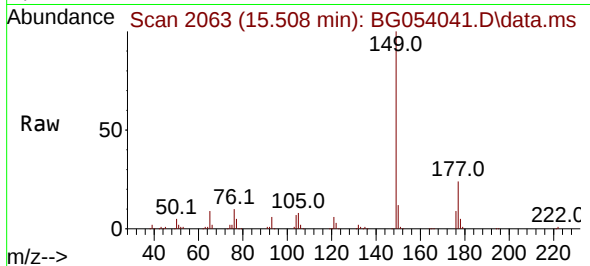




#59
Diethylphthalate
Concen: 37.259 ng/ul
RT: 15.508 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

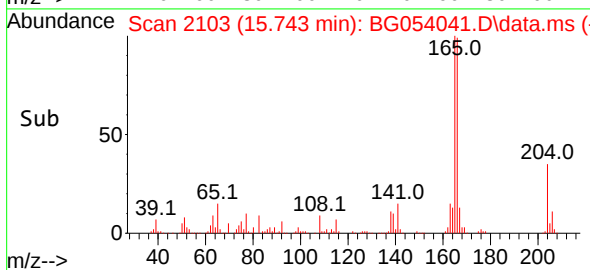
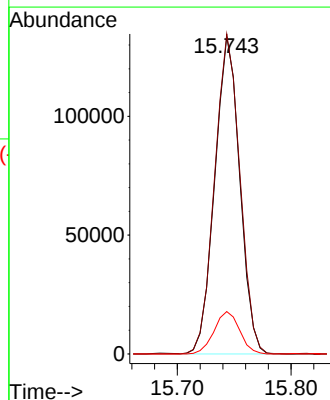
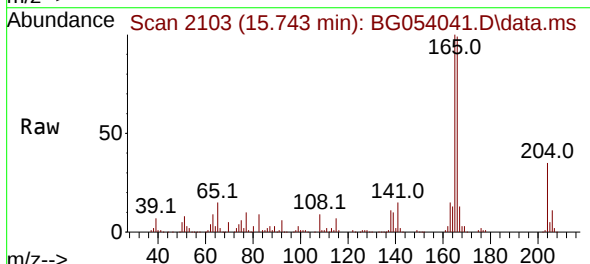
Instrument :
BNA_G
ClientSampleId :
SLCS702

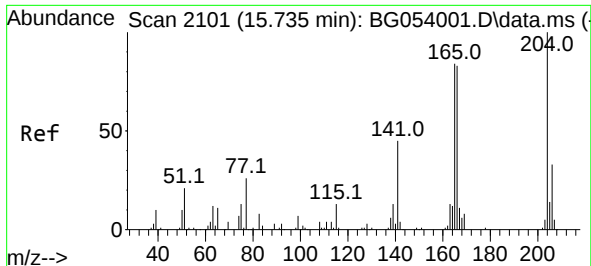
Tgt Ion:149 Resp: 213392
Ion Ratio Lower Upper
149 100
177 23.7 18.9 28.3
150 12.4 10.6 15.8



#61
Fluorene
Concen: 36.105 ng/ul
RT: 15.743 min Scan# 2103
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:166 Resp: 203871
Ion Ratio Lower Upper
166 100
165 100.9 81.7 122.5
167 13.4 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 33.298 ng/ul

RT: 15.732 min Scan# 2101

Delta R.T. -0.007 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

Instrument :

BNA_G

ClientSampleId :

SLCS702

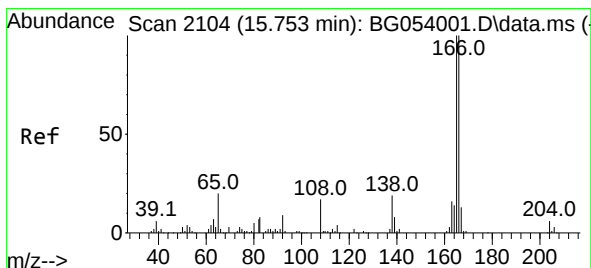
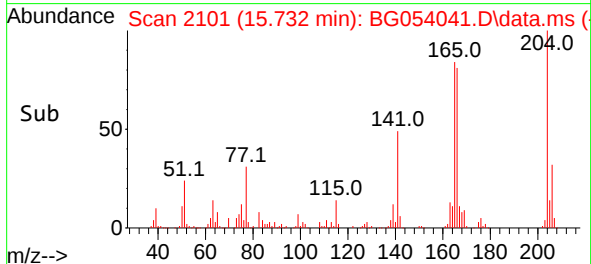
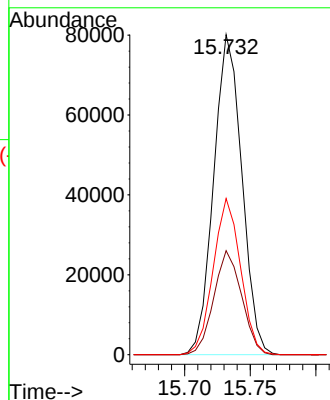
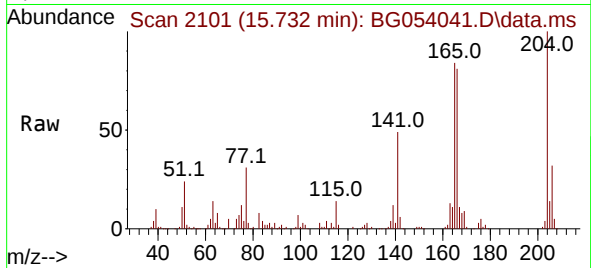
Tgt Ion:204 Resp: 119549

Ion Ratio Lower Upper

204 100

206 32.5 27.1 40.7

141 48.8 40.7 61.1



#63

4-Nitroaniline

Concen: 48.002 ng/ul

RT: 15.755 min Scan# 2105

Delta R.T. 0.005 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

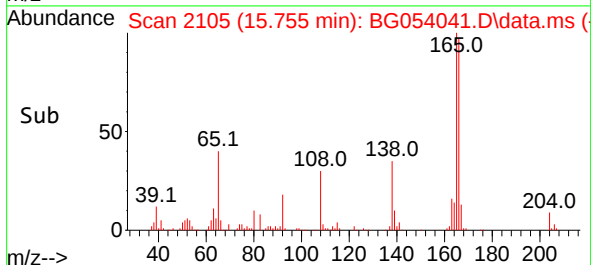
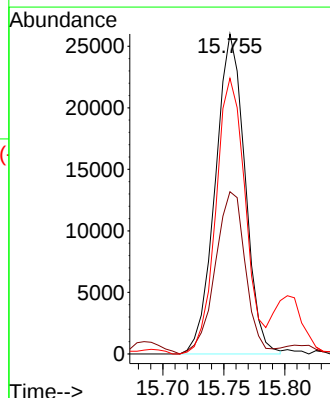
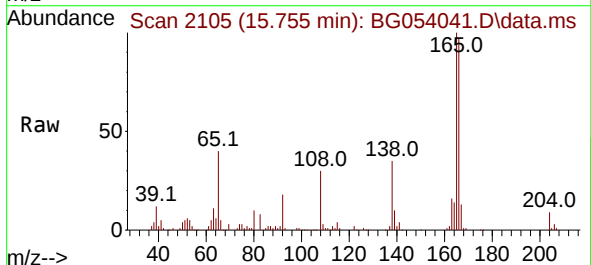
Tgt Ion:138 Resp: 44017

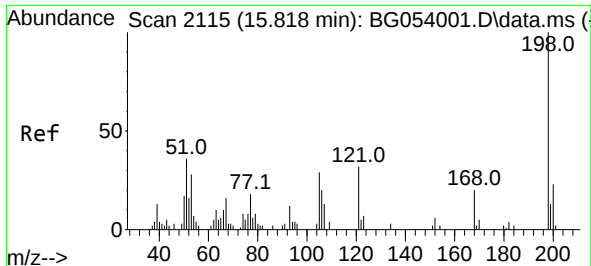
Ion Ratio Lower Upper

138 100

92 50.7 42.0 63.0

108 86.2 79.0 118.6

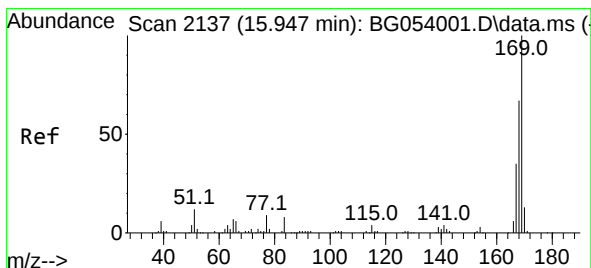
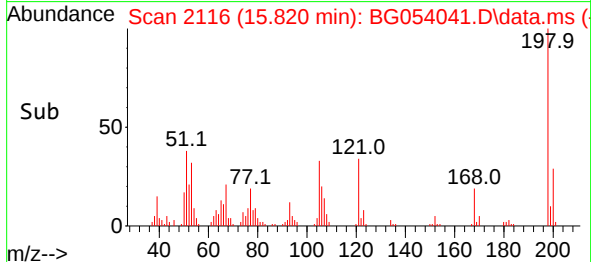
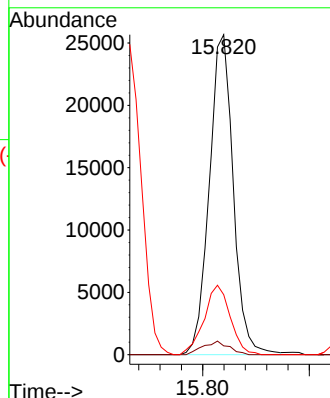
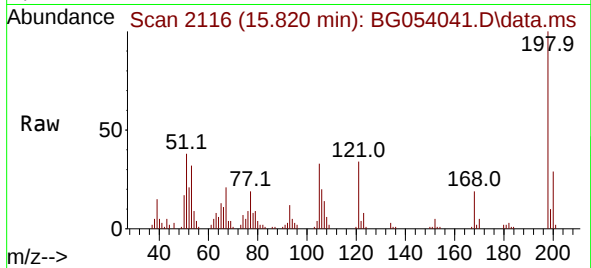




#66
4,6-Dinitro-2-methylphenol
Concen: 39.031 ng/ul
RT: 15.820 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

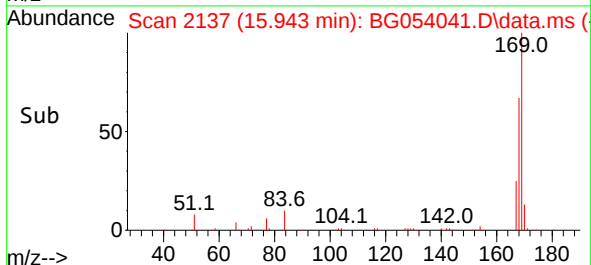
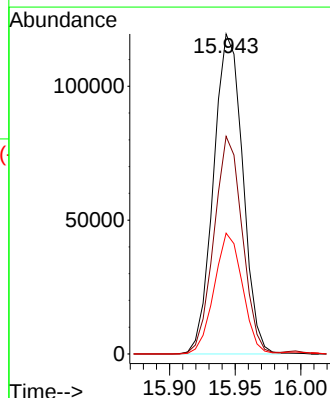
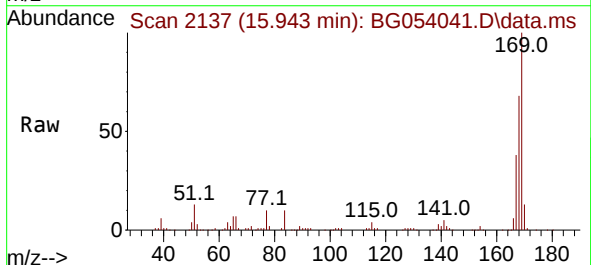
Instrument :
BNA_G
ClientSampleId :
SLCS702

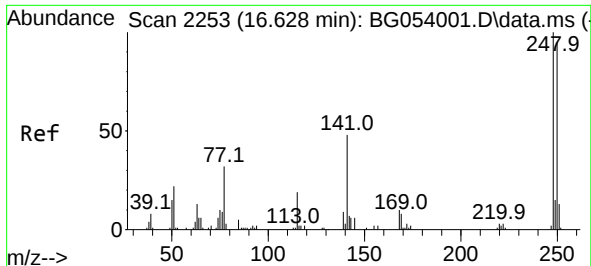
Tgt Ion:198 Resp: 39980
Ion Ratio Lower Upper
198 100
182 2.8 3.4 5.0#
77 18.7 14.7 22.1



#67
N-Nitrosodiphenylamine
Concen: 38.693 ng/ul
RT: 15.943 min Scan# 2137
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:169 Resp: 185039
Ion Ratio Lower Upper
169 100
168 68.0 51.0 76.4
167 37.7 28.7 43.1

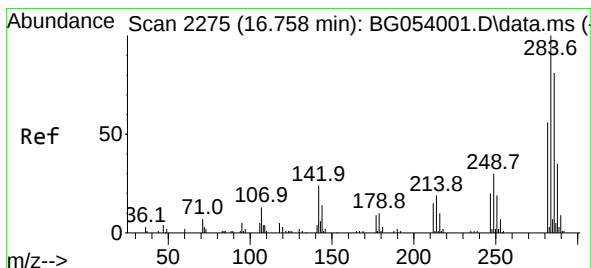
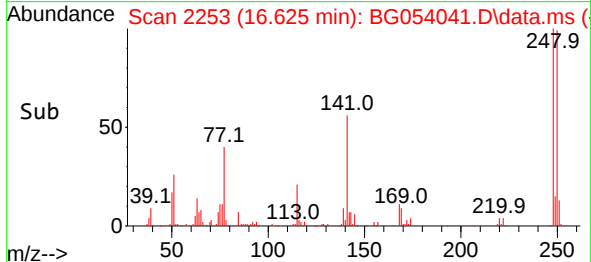
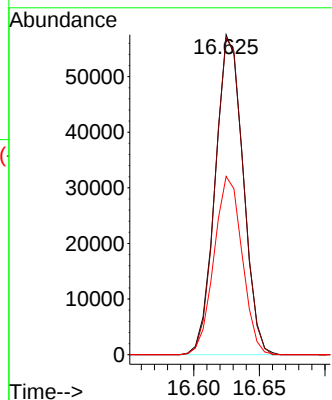
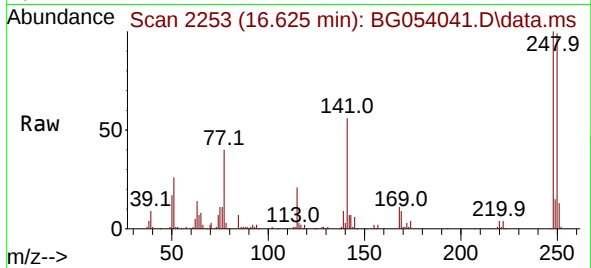




#68
4-Bromophenyl-phenylether
Concen: 34.962 ng/ul
RT: 16.625 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

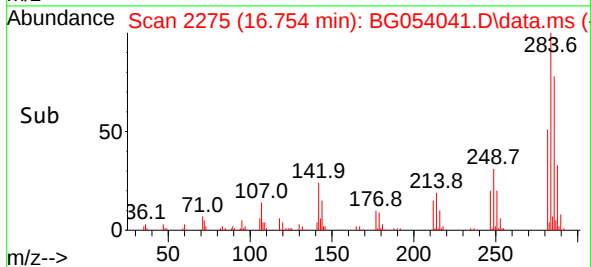
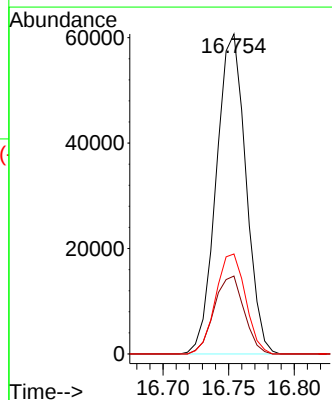
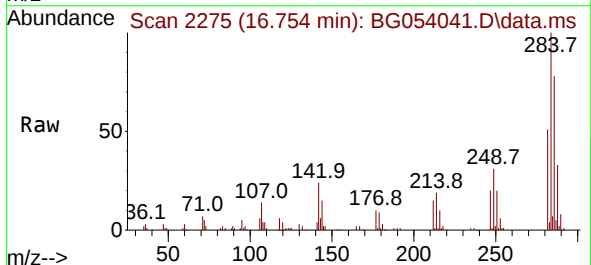
Instrument :
BNA_G
ClientSampleId :
SLCS702

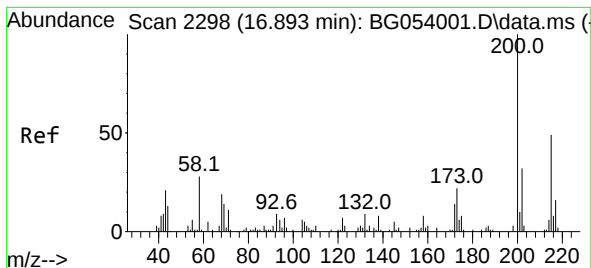
Tgt Ion:248 Resp: 84949
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.2
141 55.7 46.7 70.1



#69
Hexachlorobenzene
Concen: 33.423 ng/ul
RT: 16.754 min Scan# 2275
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:284 Resp: 95181
Ion Ratio Lower Upper
284 100
142 22.9 20.8 31.2
249 31.6 27.4 41.0





#70

Atrazine

Concen: 36.195 ng/ul

RT: 16.889 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

Instrument :

BNA_G

ClientSampleId :

SLCS702

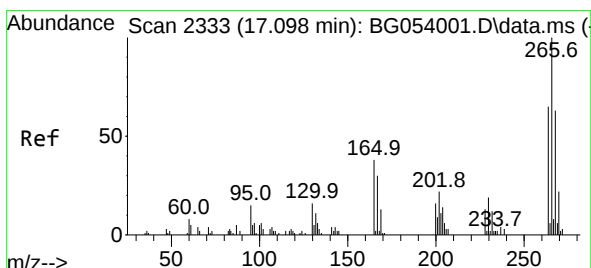
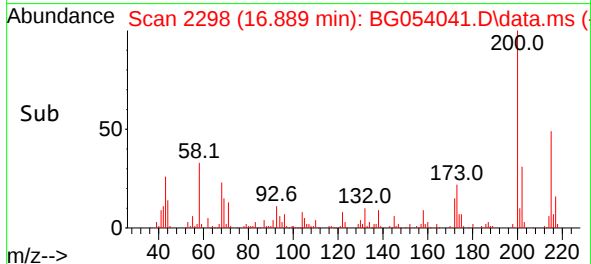
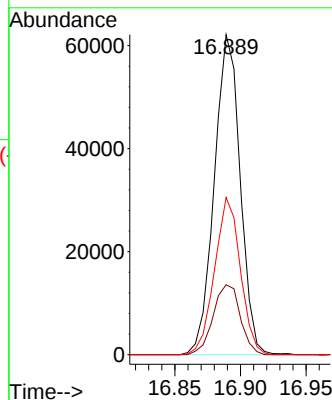
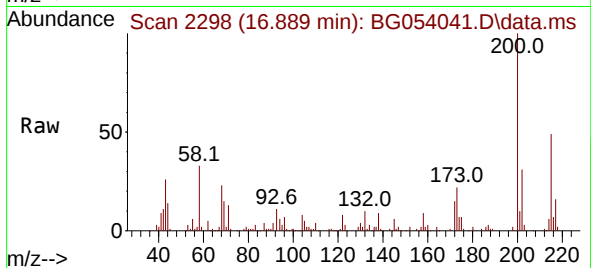
Tgt Ion:200 Resp: 85016

Ion Ratio Lower Upper

200 100

173 21.9 19.8 29.6

215 49.2 38.8 58.2



#71

Pentachlorophenol

Concen: 35.138 ng/ul

RT: 17.095 min Scan# 2333

Delta R.T. -0.001 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

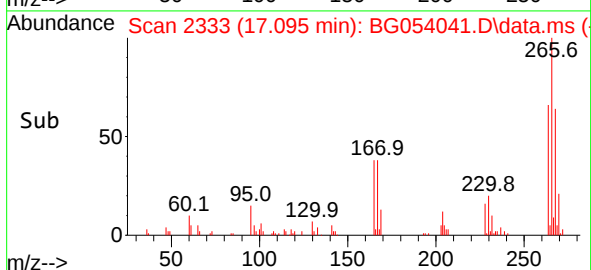
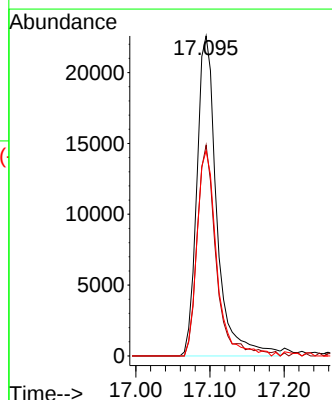
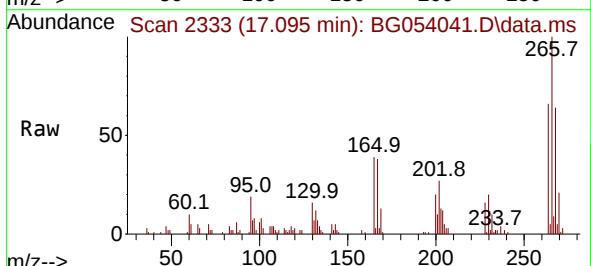
Tgt Ion:266 Resp: 42413

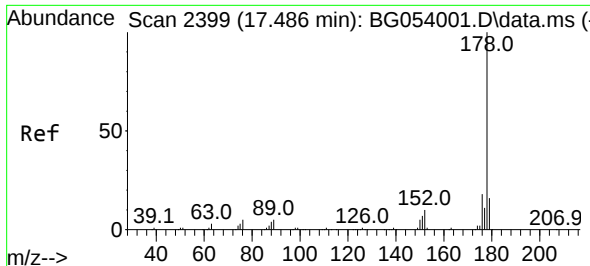
Ion Ratio Lower Upper

266 100

264 70.8 56.8 85.2

268 69.3 48.0 72.0

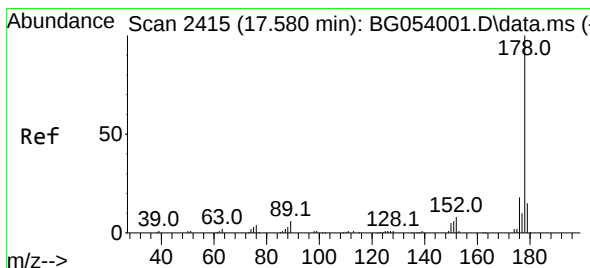
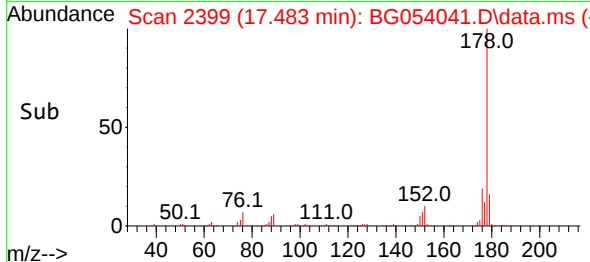
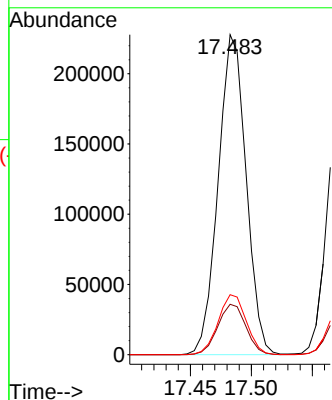
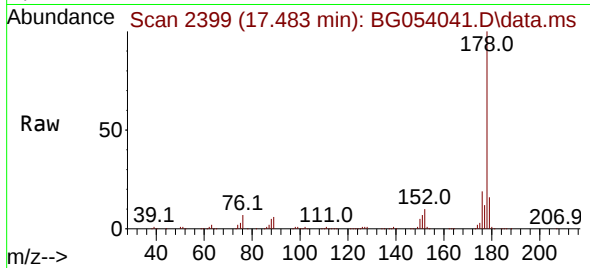




#72
Phenanthrene
Concen: 37.472 ng/ul
RT: 17.483 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

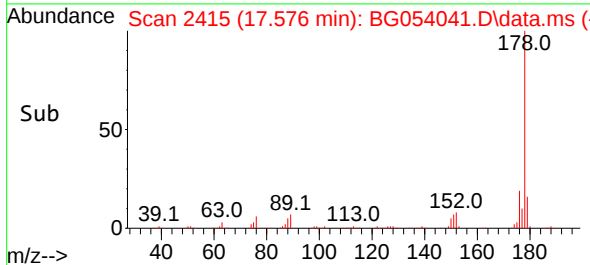
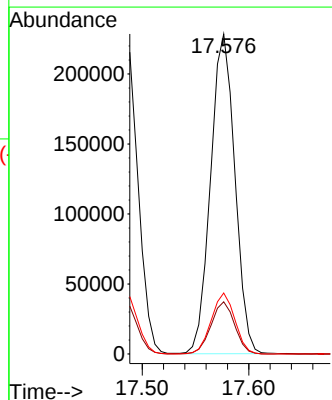
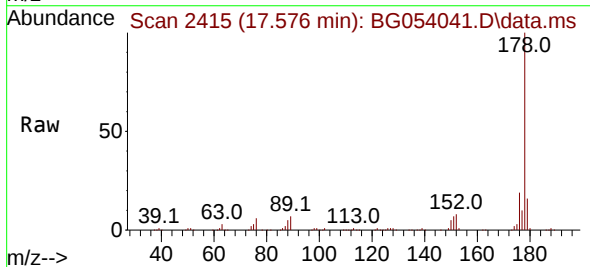
Instrument :
BNA_G
ClientSampleId :
SLCS702

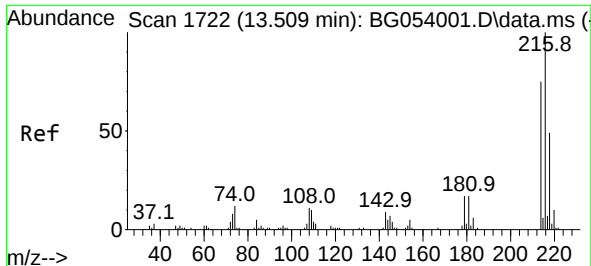
Tgt Ion:178 Resp: 363145
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.8 15.7 23.5



#74
Anthracene
Concen: 36.960 ng/ul
RT: 17.576 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:178 Resp: 360982
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 19.1 14.6 22.0

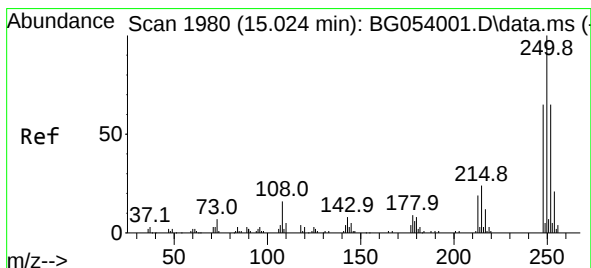
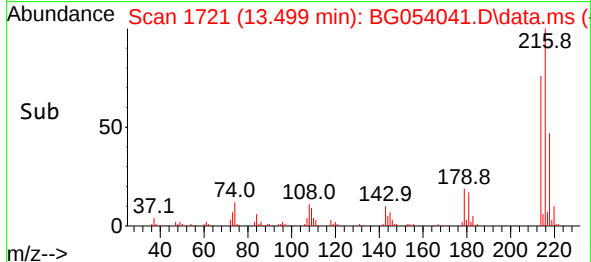
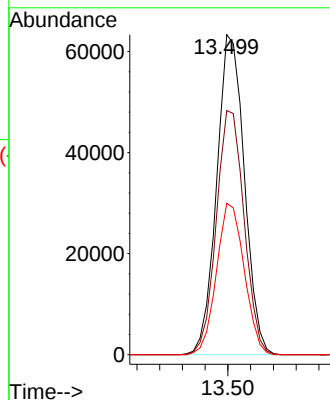
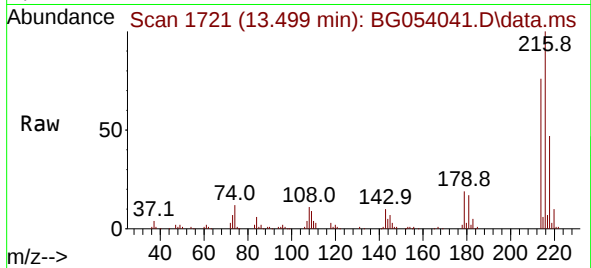




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.159 ng/uL
RT: 13.499 min Scan# 1721
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

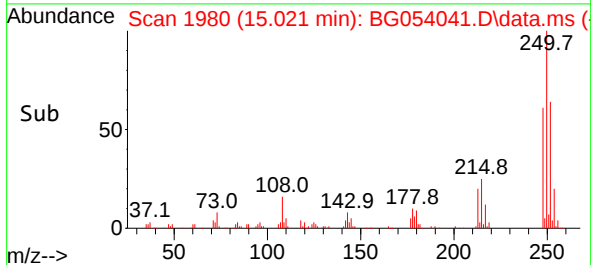
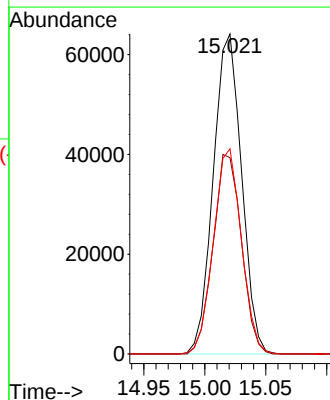
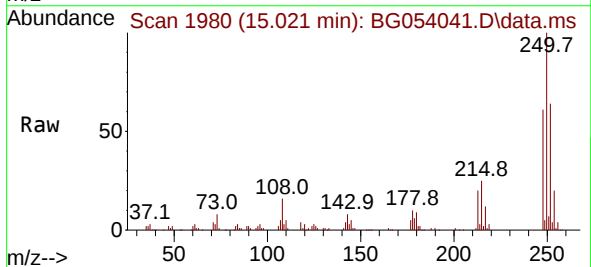
Instrument :
BNA_G
ClientSampleId :
SLCS702

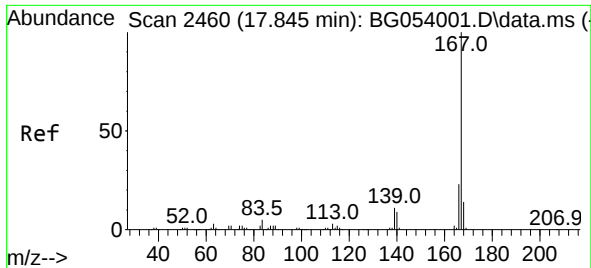
Tgt Ion:216 Resp: 107142
Ion Ratio Lower Upper
216 100
214 76.3 64.2 96.4
218 47.3 39.0 58.4



#76
Pentachlorobenzene
Concen: 33.807 ng/uL
RT: 15.021 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:250 Resp: 103593
Ion Ratio Lower Upper
250 100
248 66.4 47.7 71.5
252 68.2 50.0 75.0

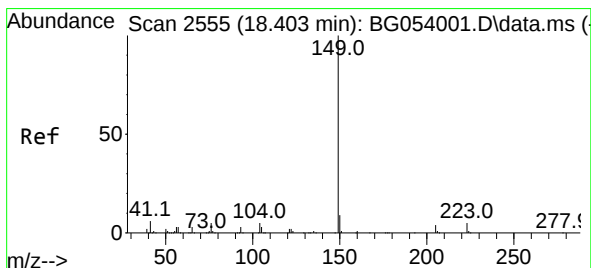
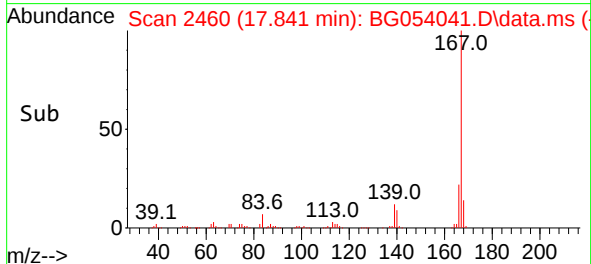
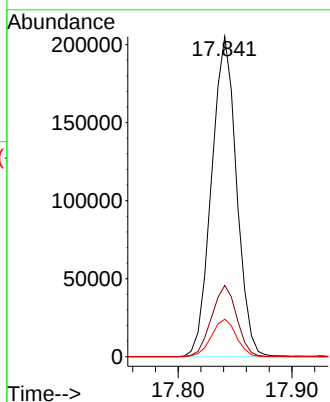
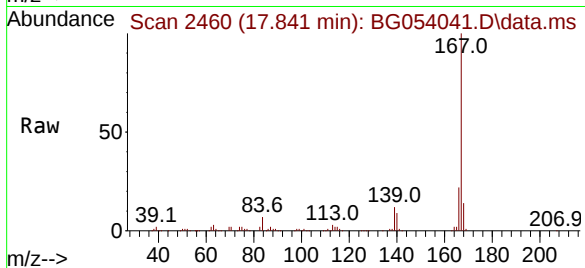




#77
 Carbazole
 Concen: 38.965 ng/ul
 RT: 17.841 min Scan# 2460
 Delta R.T. -0.001 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

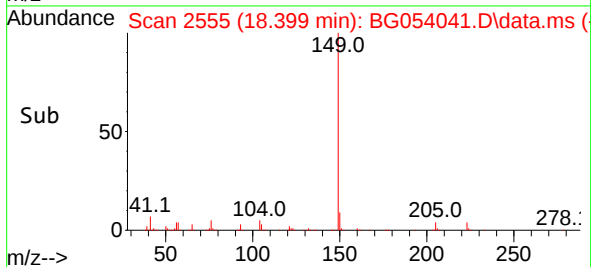
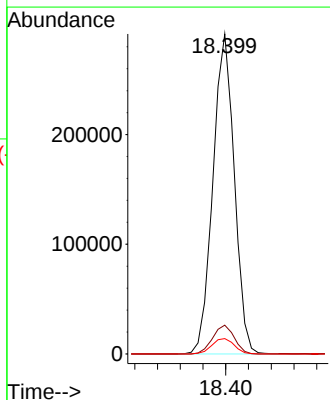
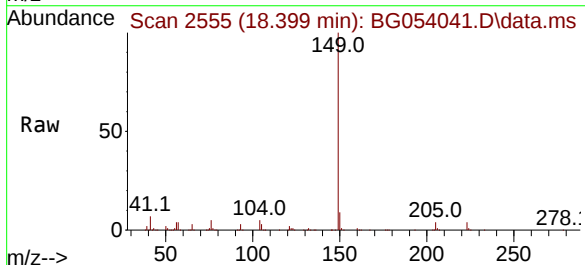
Instrument :
 BNA_G
 ClientSampleId :
 SLCS702

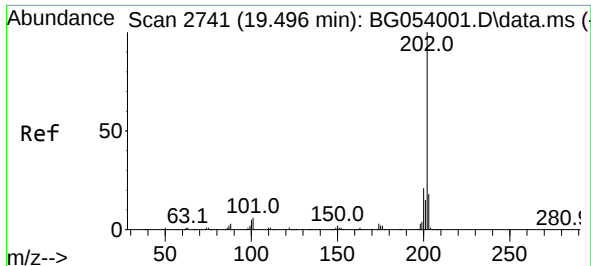
Tgt Ion:167 Resp: 313759
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 11.7 9.0 13.6



#78
 Di-n-butylphthalate
 Concen: 41.462 ng/ul
 RT: 18.399 min Scan# 2555
 Delta R.T. -0.007 min
 Lab File: BG054041.D
 Acq: 24 Jun 2022 9:52

Tgt Ion:149 Resp: 380122
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 4.8 4.2 6.2

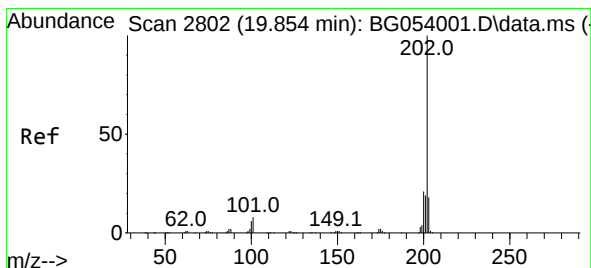
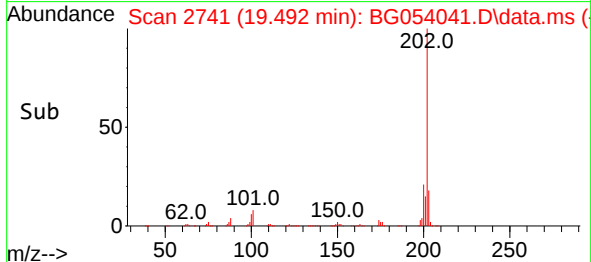
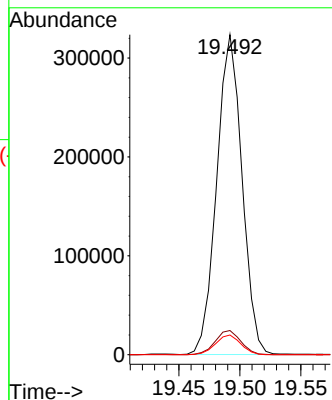
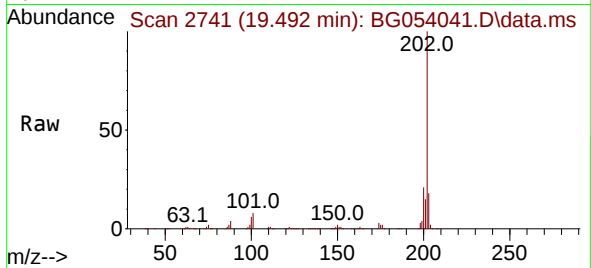




#80
Fluoranthene
Concen: 39.193 ng/u1
RT: 19.492 min Scan# 2741
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

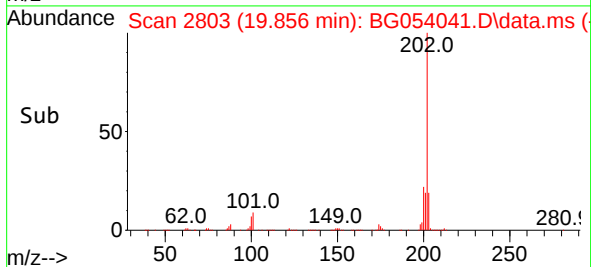
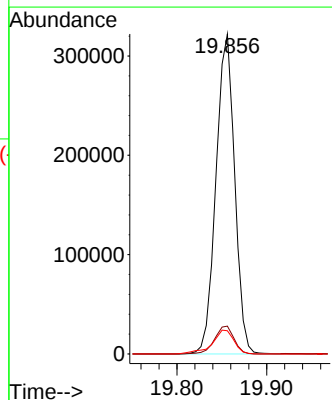
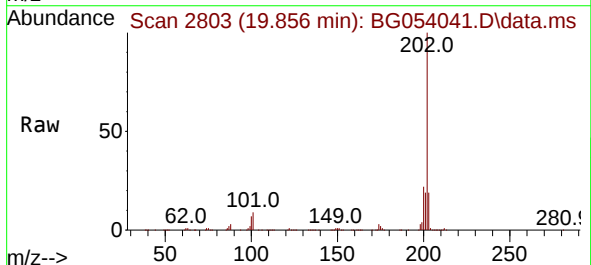
Instrument :
BNA_G
ClientSampleId :
SLCS702

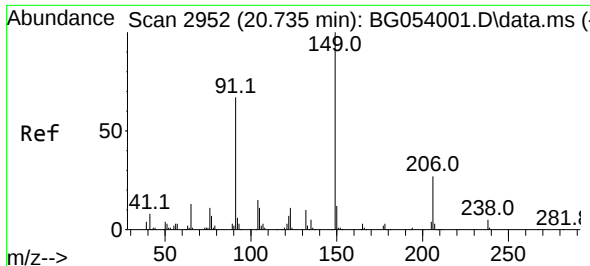
Tgt Ion:202 Resp: 466970
Ion Ratio Lower Upper
202 100
101 7.6 6.6 9.8
100 6.1 5.8 8.8



#82
Pyrene
Concen: 39.309 ng/u1
RT: 19.856 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:202 Resp: 465637
Ion Ratio Lower Upper
202 100
101 8.7 7.3 10.9
100 7.2 6.2 9.4

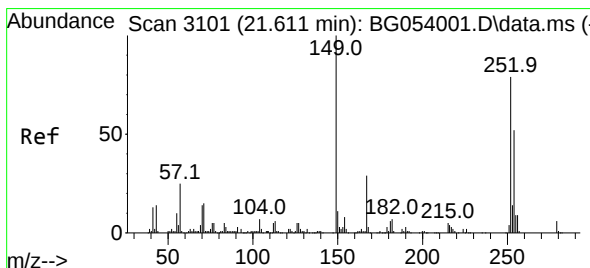
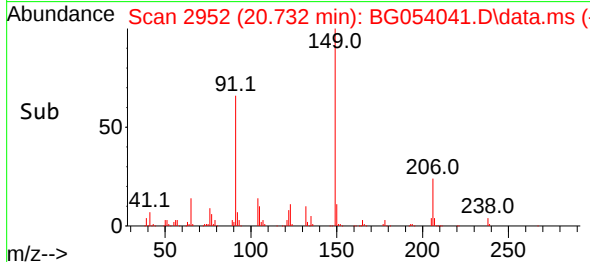
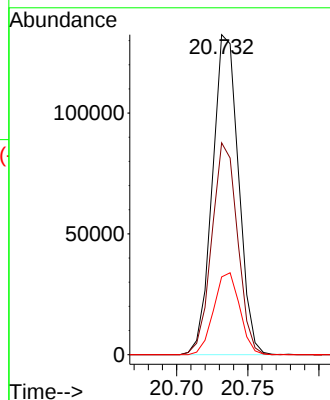
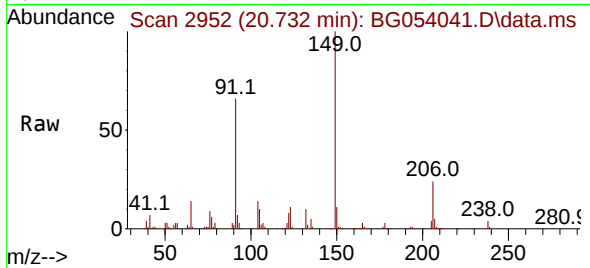




#83
Butylbenzylphthalate
Concen: 47.315 ng/ul
RT: 20.732 min Scan# 2952
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

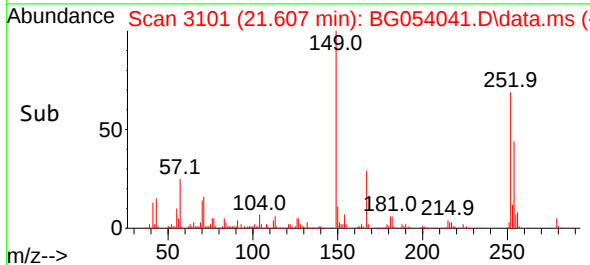
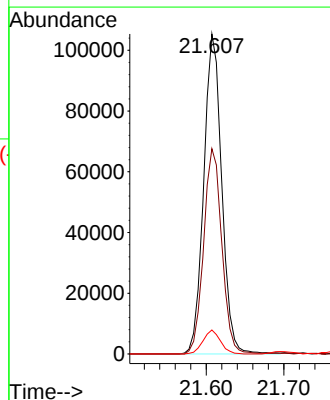
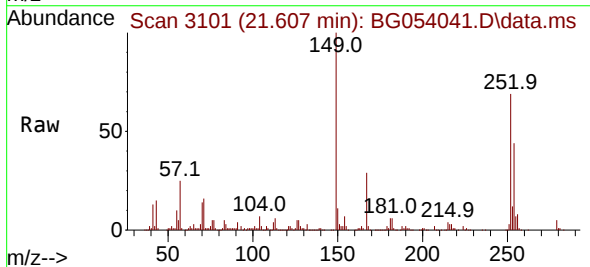
Instrument :
BNA_G
ClientSampleId :
SLCS702

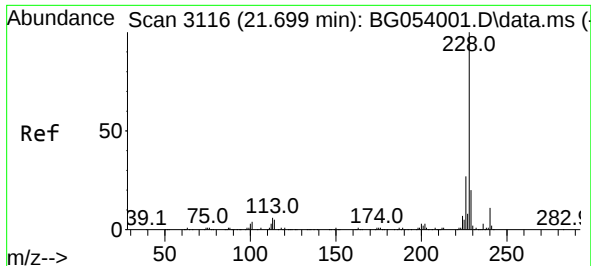
Tgt Ion:149 Resp: 168905
Ion Ratio Lower Upper
149 100
91 66.2 54.0 81.0
206 24.3 19.5 29.3



#84
3,3'-Dichlorobenzidine
Concen: 40.228 ng/ul
RT: 21.607 min Scan# 3101
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:252 Resp: 170410
Ion Ratio Lower Upper
252 100
254 64.1 49.6 74.4
126 7.5 6.0 9.0

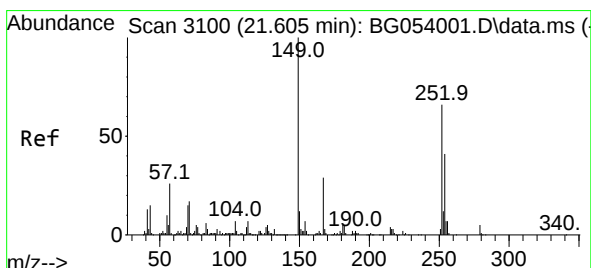
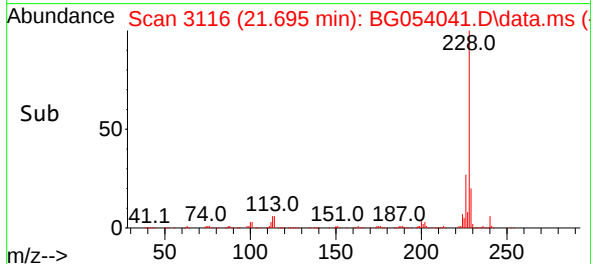
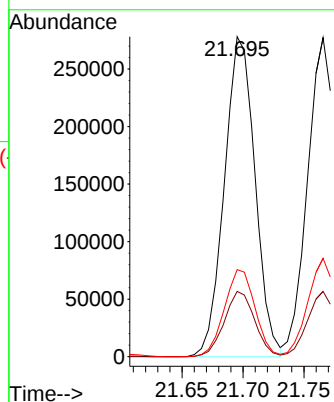
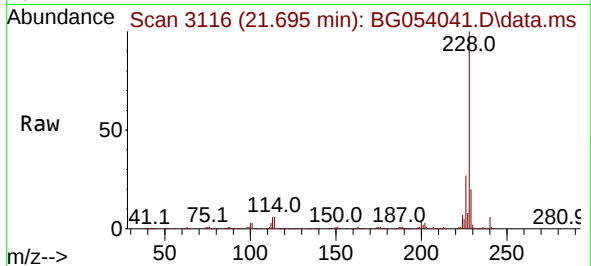




#85
Benzo(a)anthracene
Concen: 38.615 ng/ul
RT: 21.695 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

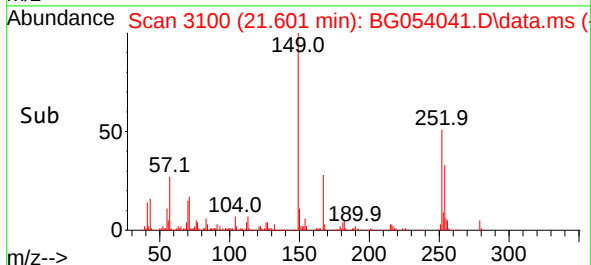
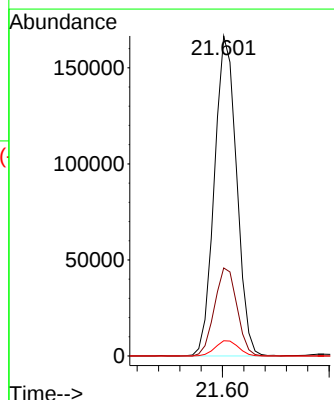
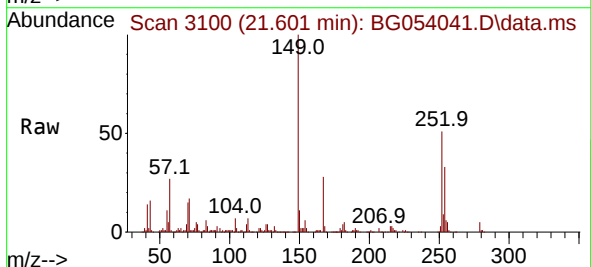
Instrument :
BNA_G
ClientSampleId :
SLCS702

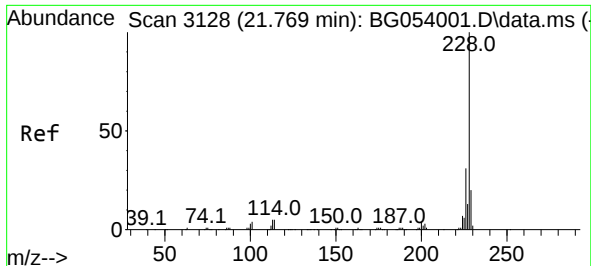
Tgt Ion:228 Resp: 487214
Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 27.2 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 46.166 ng/ul
RT: 21.601 min Scan# 3100
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:149 Resp: 240823
Ion Ratio Lower Upper
149 100
167 27.5 21.7 32.5
279 4.7 3.9 5.9

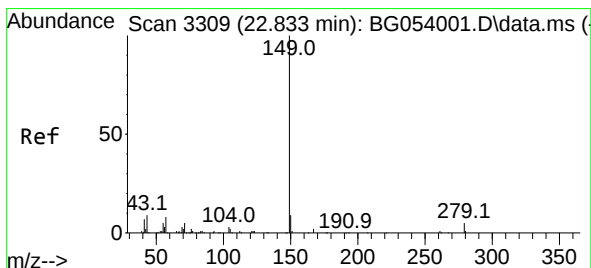
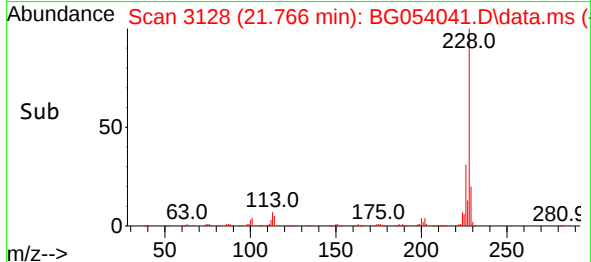
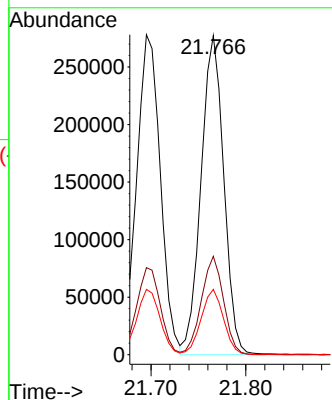
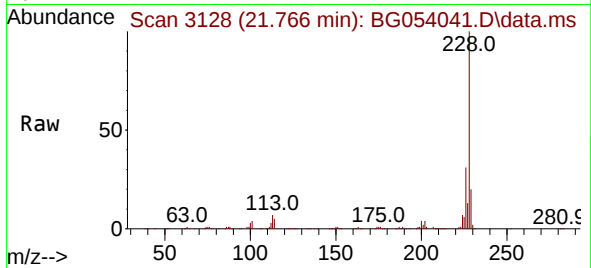




#87
Chrysene
Concen: 38.146 ng/ul
RT: 21.766 min Scan# 3128
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

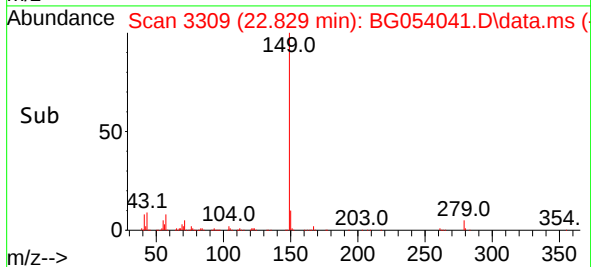
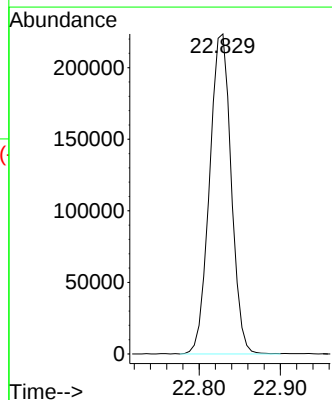
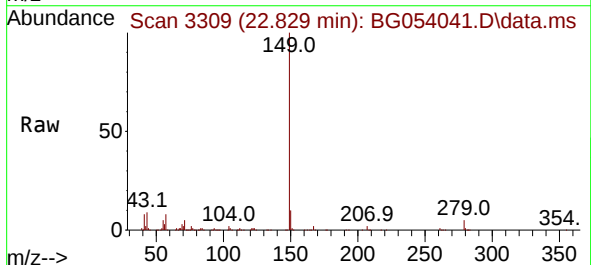
Instrument :
BNA_G
ClientSampleId :
SLCS702

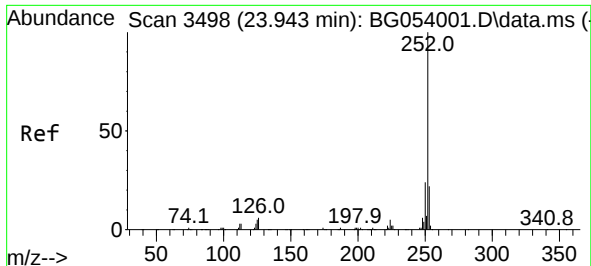
Tgt Ion:228 Resp: 461740
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 20.5 16.3 24.5



#89
Di-n-octyl phthalate
Concen: 46.597 ng/ul
RT: 22.829 min Scan# 3309
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:149 Resp: 413442

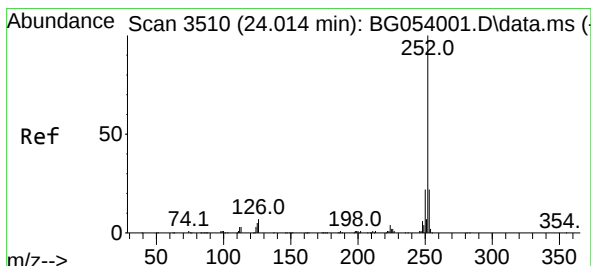
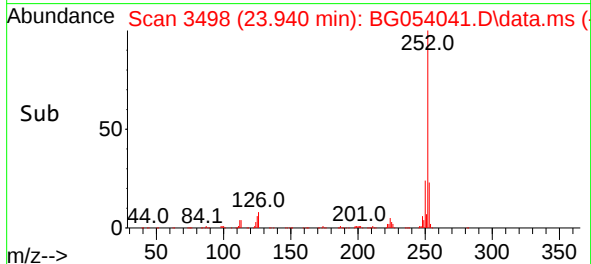
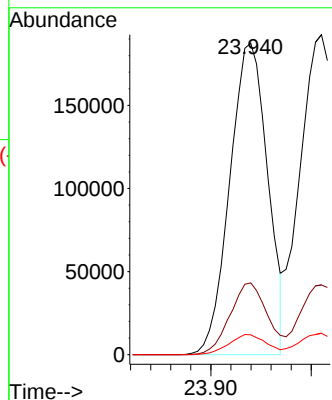
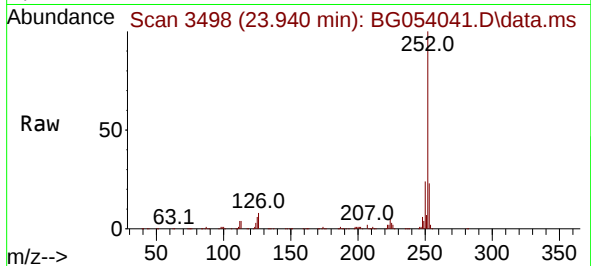




#90
Benzo(b)fluoranthene
Concen: 38.482 ng/ul
RT: 23.940 min Scan# 3498
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

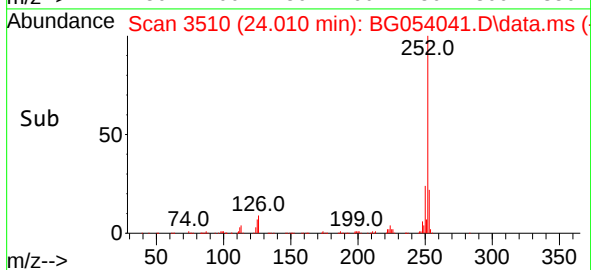
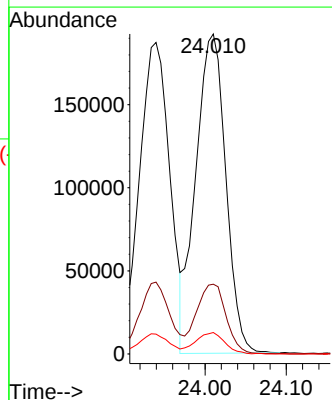
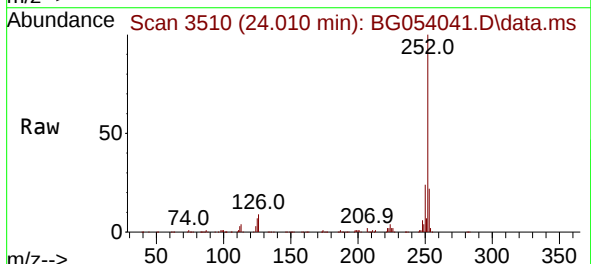
Instrument :
BNA_G
ClientSampleId :
SLCS702

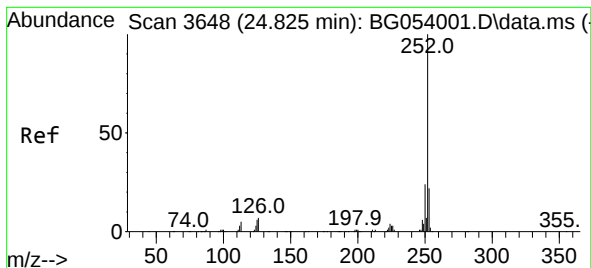
Tgt Ion:252 Resp: 490914
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 6.4 6.1 9.1



#91
Benzo(k)fluoranthene
Concen: 40.404 ng/ul
RT: 24.010 min Scan# 3510
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:252 Resp: 493536
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 6.7 5.4 8.0





#93

Benzo(a)pyrene

Concen: 35.187 ng/ul

RT: 24.821 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

Instrument :

BNA_G

ClientSampleId :

SLCS702

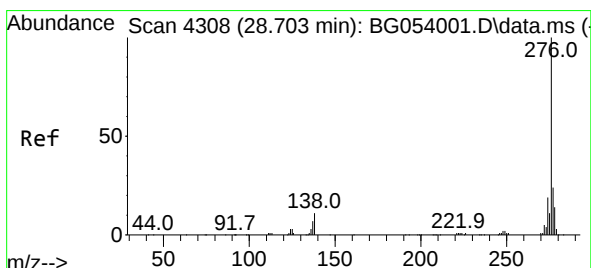
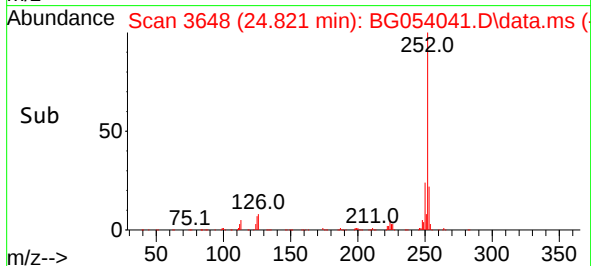
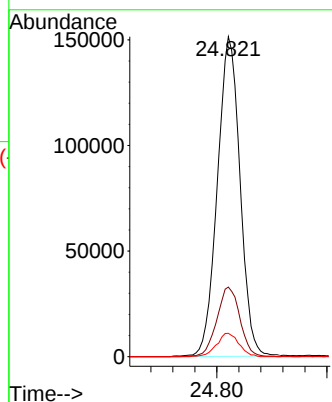
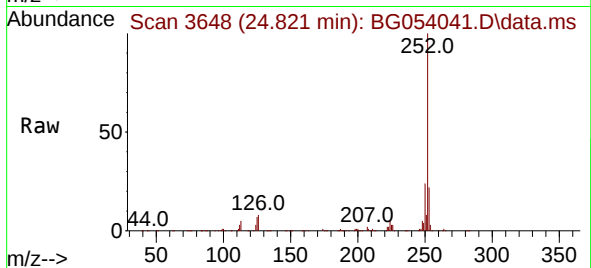
Tgt Ion:252 Resp: 432399

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 7.3 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.740 ng/ul

RT: 28.699 min Scan# 4308

Delta R.T. -0.001 min

Lab File: BG054041.D

Acq: 24 Jun 2022 9:52

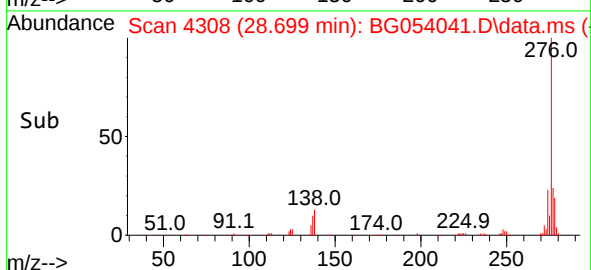
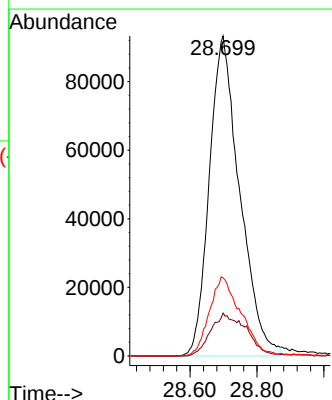
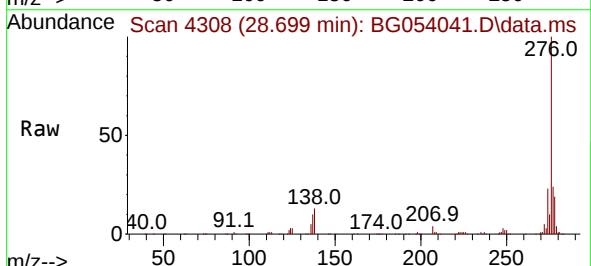
Tgt Ion:276 Resp: 587543

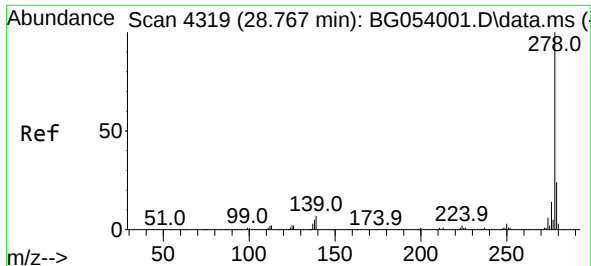
Ion Ratio Lower Upper

276 100

138 13.4 10.1 15.1

277 24.4 19.9 29.9

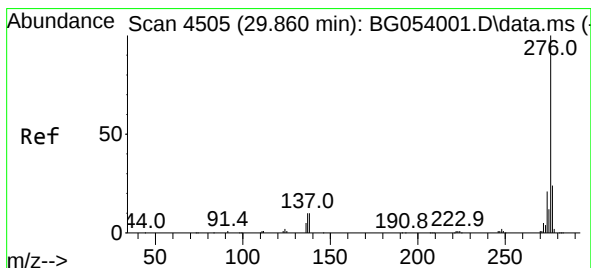
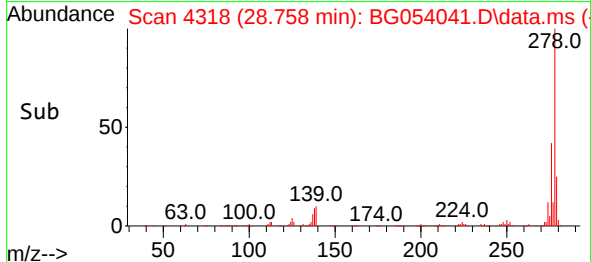
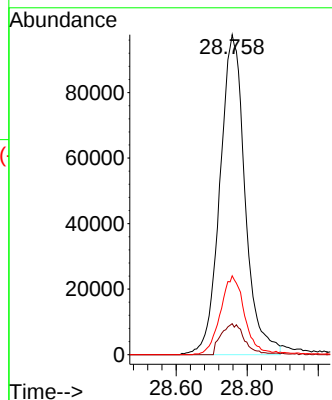
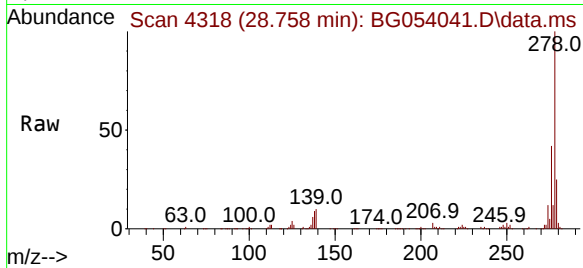




#95
Dibenzo(a,h)anthracene
Concen: 38.372 ng/ul
RT: 28.758 min Scan# 4318
Delta R.T. -0.007 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Instrument :
BNA_G
ClientSampleId :
SLCS702

Tgt Ion:278 Resp: 477432
Ion Ratio Lower Upper
278 100
139 9.7 8.6 13.0
279 24.7 19.4 29.0



#96
Benzo(g,h,i)perylene
Concen: 37.797 ng/ul
RT: 29.856 min Scan# 4505
Delta R.T. -0.001 min
Lab File: BG054041.D
Acq: 24 Jun 2022 9:52

Tgt Ion:276 Resp: 471826
Ion Ratio Lower Upper
276 100
138 13.3 11.3 16.9
277 23.7 18.6 27.8

