

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
 Data File : BG057398.D
 Acq On : 11 May 2023 14:00
 Operator : CG/JU
 Sample : PB152703BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS703

Quant Time: May 11 23:34:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	15267	20.000	ng/u1	0.00
20) Naphthalene-d8	11.201	136	62396	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.978	164	48353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.716	188	119317	20.000	ng/u1	0.00
79) Chrysene-d12	22.028	240	110761	20.000	ng/u1	0.00
88) Perylene-d12	25.535	264	120890	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	2660	7.667	ng/uL	0.00
4) Pyridine-d5	4.081	84	36668	33.524	ng/u1	0.00
7) Phenol-d5	7.506	99	54333	37.632	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	30758	36.220	ng/u1	0.00
11) 2-Chlorophenol-d4	7.894	132	40278	42.333	ng/u1	0.00
15) 4-Methylphenol-d8	9.069	113	44078	40.168	ng/u1	0.00
21) Nitrobenzene-d5	9.545	128	20813	41.886	ng/u1	0.00
24) 2-Nitrophenol-d4	10.273	143	25057	43.209	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.819	165	49467	44.214	ng/u1	0.00
31) 4-Chloroaniline-d4	11.330	131	57731	38.933	ng/u1	0.00
46) Dimethylphthalate-d6	14.368	166	161982	42.278	ng/u1	0.00
49) Acenaphthylene-d8	14.679	160	180080	41.819	ng/u1	0.00
54) 4-Nitrophenol-d4	15.166	143	21376	38.329	ng/u1	0.00
60) Fluorene-d10	15.965	176	147896	41.437	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.083	200	31877	45.092	ng/u1	0.00
73) Anthracene-d10	17.816	188	236654	43.453	ng/u1	0.00
81) Pyrene-d10	20.083	212	288784	43.926	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.288	264	271468	44.076	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.682	88	4552	12.372	ng/uL	92
5) Pyridine	4.105	79	32292	28.007	ng/u1	89
6) Benzaldehyde	7.489	77	28405	64.414	ng/u1	88
8) Phenol	7.536	94	48973	33.653	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.765	93	34314	31.506	ng/u1	98
12) 2-Chlorophenol	7.923	128	35963	35.985	ng/u1	99
13) 2-Methylphenol	8.799	108	37180	32.967	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.887	45	40968	29.175	ng/u1#	92
16) Acetophenone	9.192	105	60787	32.192	ng/u1	89
17) N-Nitroso-di-n-propyla...	9.169	70	32475	29.928	ng/u1#	95
18) 4-Methylphenol	9.133	108	41614	34.089	ng/u1	100
19) Hexachloroethane	9.462	117	14653	35.044	ng/u1	97
22) Nitrobenzene	9.586	77	49234	33.274	ng/u1	96
23) Isophorone	10.103	82	92339	32.800	ng/u1	100
25) 2-Nitrophenol	10.308	139	22197	37.791	ng/u1	96
26) 2,4-Dimethylphenol	10.344	107	47023	35.291	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.579	93	49317	33.701	ng/u1	99
29) 2,4-Dichlorophenol	10.843	162	41213	38.809	ng/u1	96
30) Naphthalene	11.254	128	121744	35.536	ng/u1	98
32) 4-Chloroaniline	11.354	127	42314	27.387	ng/u1	95
33) Hexachlorobutadiene	11.524	225	34170	37.937	ng/u1	93
34) Caprolactam	12.106	113	8813	24.652	ng/u1	97
35) 4-Chloro-3-methylphenol	12.452	107	45147	36.949	ng/u1	98
36) 2-Methylnaphthalene	12.828	142	90098	35.862	ng/u1	99

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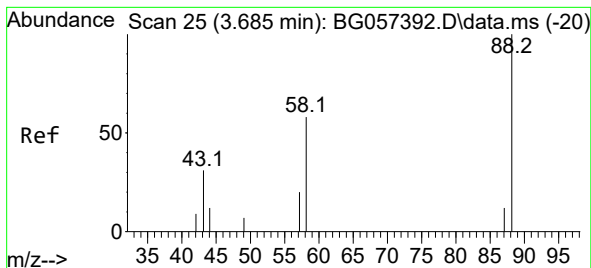
Quant Time: May 11 23:34:34 2023
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.046	142	92379	36.568	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.193	216	66192	37.670	ng/ul	99
40) Hexachlorocyclopentadiene	13.163	237	17604	20.076	ng/ul	97
41) 2,4,6-Trichlorophenol	13.428	196	39223	38.327	ng/ul	93
42) 2,4,5-Trichlorophenol	13.504	196	42066	38.286	ng/ul	91
43) 1,1'-Biphenyl	13.815	154	131436	35.624	ng/ul	97
44) 2-Chloronaphthalene	13.868	162	104373	36.485	ng/ul	99
45) 2-Nitroaniline	14.062	65	31187	36.112	ng/ul	94
47) Dimethylphthalate	14.409	163	135680	35.265	ng/ul	100
48) 2,6-Dinitrotoluene	14.544	165	30189	38.127	ng/ul	98
50) Acenaphthylene	14.708	152	155699	35.581	ng/ul	98
51) 3-Nitroaniline	14.879	138	26165	46.637	ng/ul	96
52) Acenaphthene	15.043	153	112083	35.949	ng/ul	99
53) 2,4-Dinitrophenol	15.096	184	14016	33.240	ng/ul	95
55) 4-Nitrophenol	15.184	109	21442	33.916	ng/ul	96
56) Dibenzofuran	15.372	168	164356	36.505	ng/ul	99
57) 2,4-Dinitrotoluene	15.331	165	43780	38.624	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.595	232	38471	38.533	ng/ul	98
59) Diethylphthalate	15.760	149	140667	35.986	ng/ul	98
61) Fluorene	16.018	166	136802	35.933	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.995	204	79472	35.765	ng/ul	99
63) 4-Nitroaniline	16.036	138	28580	53.793	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.095	198	27451	38.107	ng/ul	99
67) N-Nitrosodiphenylamine	16.212	169	117771	37.786	ng/ul	100
68) 4-Bromophenyl-phenylether	16.894	248	55230	38.728	ng/ul	96
69) Hexachlorobenzene	17.023	284	58800	39.155	ng/ul	99
70) Atrazine	17.140	200	39477	28.499	ng/ul	95
71) Pentachlorophenol	17.369	266	22110	31.852	ng/ul	93
72) Phenanthrene	17.763	178	236489	38.061	ng/ul	99
74) Anthracene	17.851	178	232597	37.267	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.792	216	69443	38.695	ng/uL	99
76) Pentachlorobenzene	15.296	250	67096	36.730	ng/uL	100
77) Carbazole	18.115	167	201912	38.711	ng/ul	98
78) Di-n-butylphthalate	18.632	149	239443	40.145	ng/ul	99
80) Fluoranthene	19.748	202	298475	38.219	ng/ul	99
82) Pyrene	20.113	202	294757	37.283	ng/ul	98
83) Butylbenzylphthalate	20.964	149	106472	42.053	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.904	252	112646	45.794	ng/ul	96
85) Benzo(a)anthracene	22.004	228	301843	38.532	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.852	149	149669	40.645	ng/ul	97
87) Chrysene	22.081	228	279533	37.822	ng/ul	98
89) Di-n-octyl phthalate	23.144	149	253801	38.018	ng/ul	100
90) Benzo(b)fluoranthene	24.413	252	311504	37.210	ng/ul	97
91) Benzo(k)fluoranthene	24.483	252	298821	36.690	ng/ul	99
93) Benzo(a)pyrene	25.370	252	266352	36.853	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.588	276	340781	37.720	ng/ul	98
95) Dibenzo(a,h)anthracene	29.641	278	282929	37.767	ng/ul	98
96) Benzo(g,h,i)perylene	30.851	276	274009	37.475	ng/ul	97

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

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#2

1,4-Dioxane

Concen: 12.372 ng/uL

RT: 3.682 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

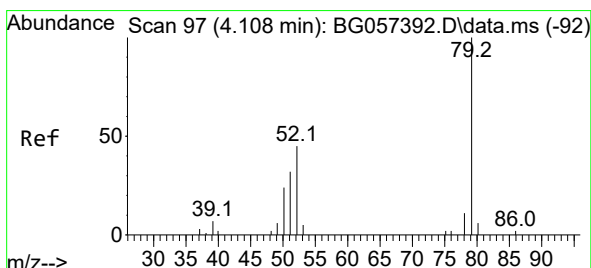
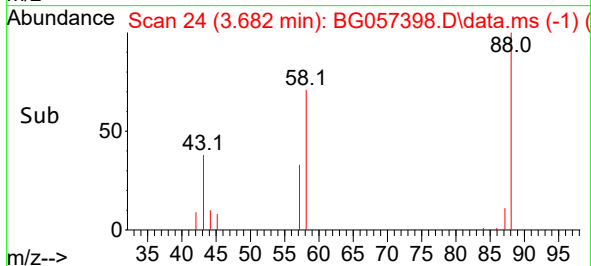
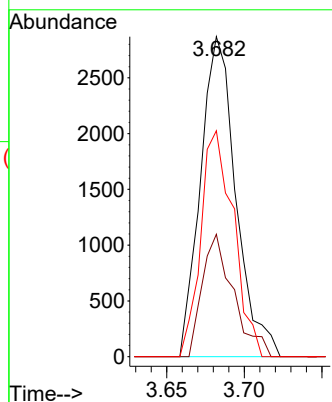
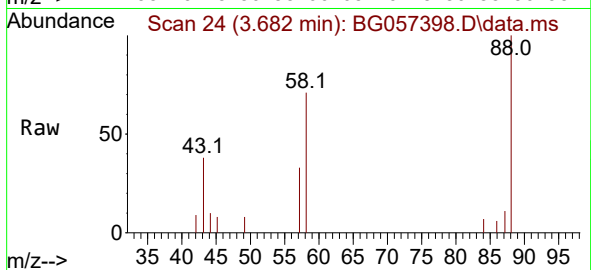
Tgt Ion: 88 Resp: 4552

Ion Ratio Lower Upper

88 100

43 38.3 28.2 42.4

58 70.6 63.3 94.9



#5

Pyridine

Concen: 28.007 ng/uL

RT: 4.105 min Scan# 96

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

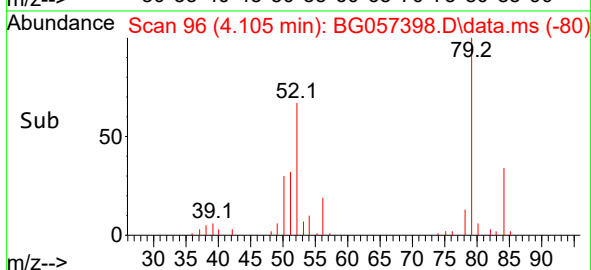
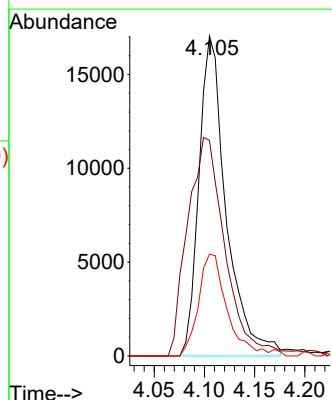
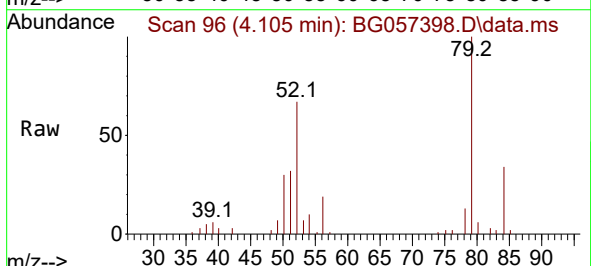
Tgt Ion: 79 Resp: 32292

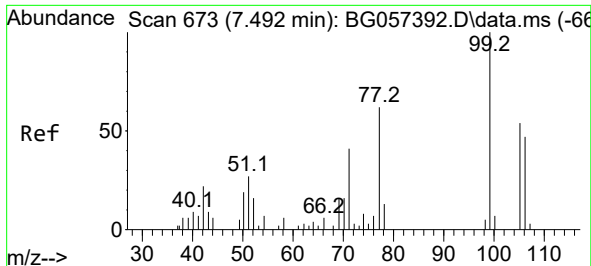
Ion Ratio Lower Upper

79 100

52 67.4 62.4 93.6

51 31.8 29.0 43.4

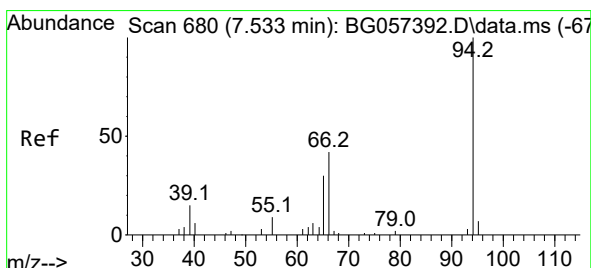
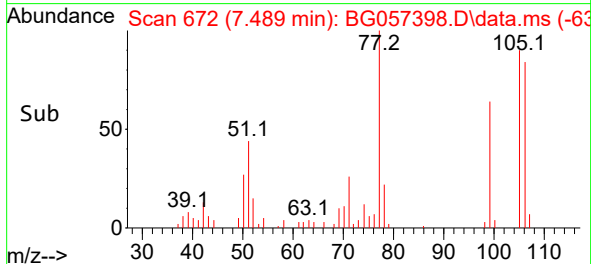
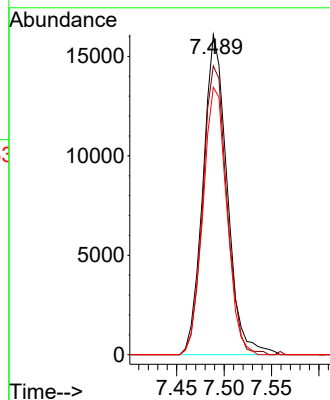
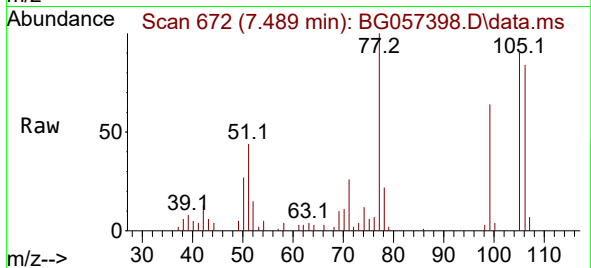




#6
Benzaldehyde
Concen: 64.414 ng/ul
RT: 7.489 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

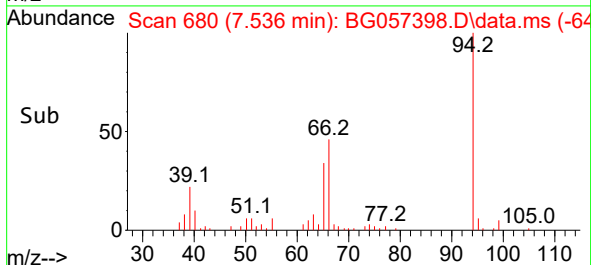
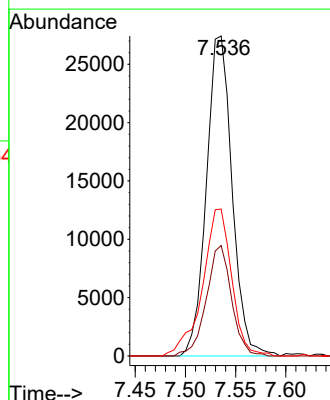
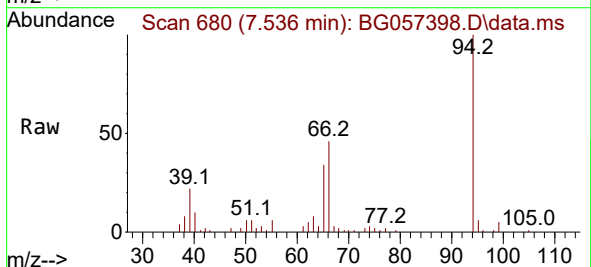
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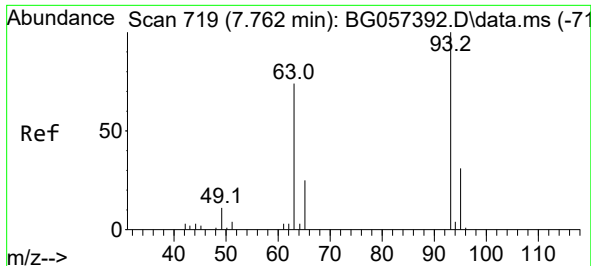
Tgt Ion: 77 Resp: 28405
Ion Ratio Lower Upper
77 100
105 90.3 79.8 119.6
106 83.6 78.7 118.1



#8
Phenol
Concen: 33.653 ng/ul
RT: 7.536 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion: 94 Resp: 48973
Ion Ratio Lower Upper
94 100
65 34.5 25.5 38.3
66 45.9 36.9 55.3

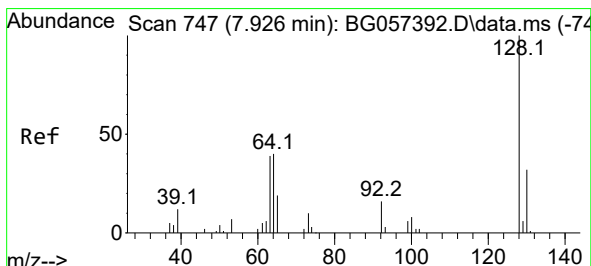
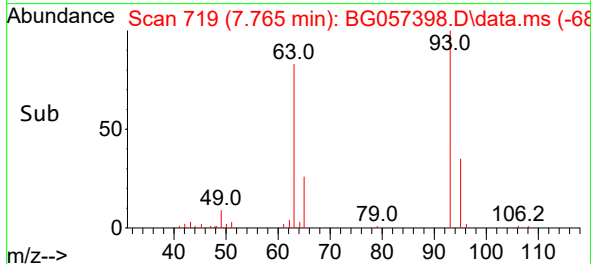
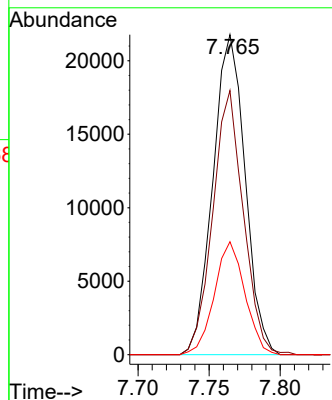
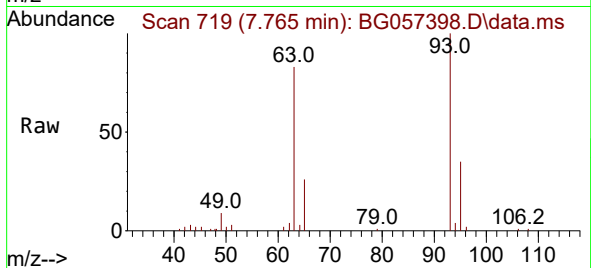




#10
Bis(2-Chloroethyl)ether
Concen: 31.506 ng/ul
RT: 7.765 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

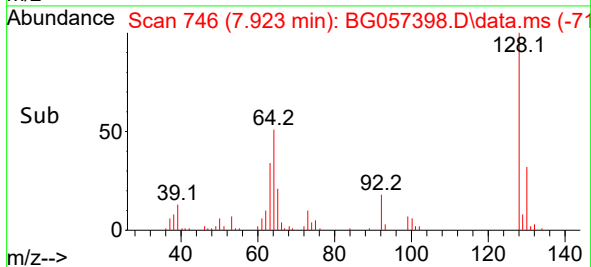
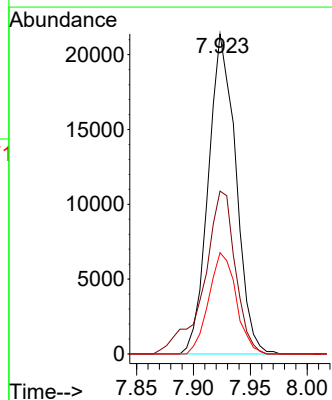
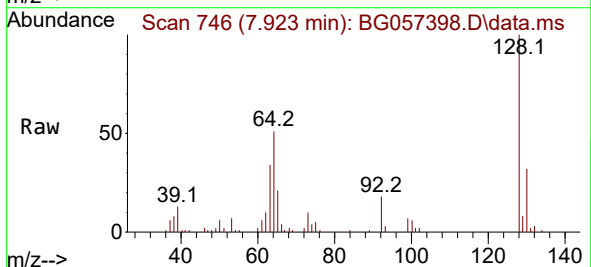
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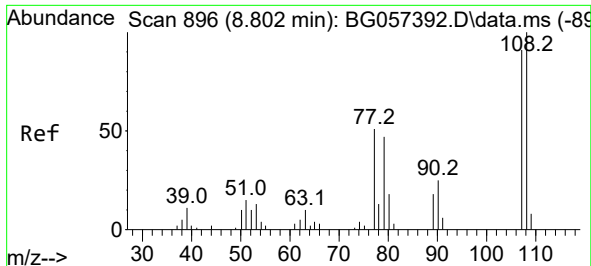
Tgt Ion: 93 Resp: 34314
Ion Ratio Lower Upper
93 100
63 82.5 67.2 100.8
95 35.3 26.3 39.5



#12
2-Chlorophenol
Concen: 35.985 ng/ul
RT: 7.923 min Scan# 746
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:128 Resp: 35963
Ion Ratio Lower Upper
128 100
64 50.9 41.3 61.9
130 31.7 24.6 37.0





#13

2-Methylphenol

Concen: 32.967 ng/ul

RT: 8.799 min Scan# 895

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

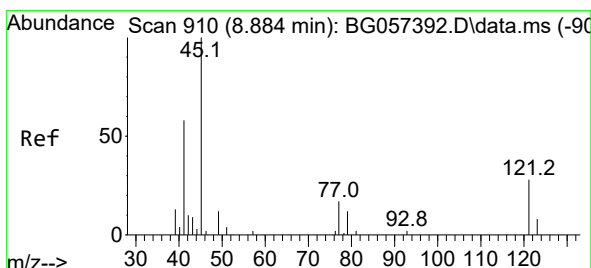
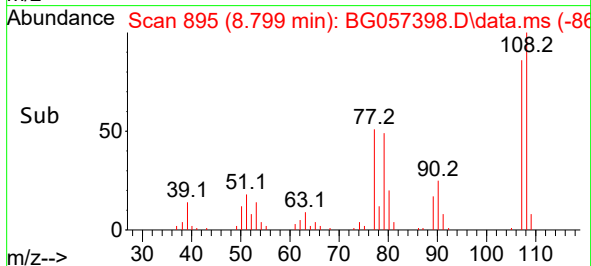
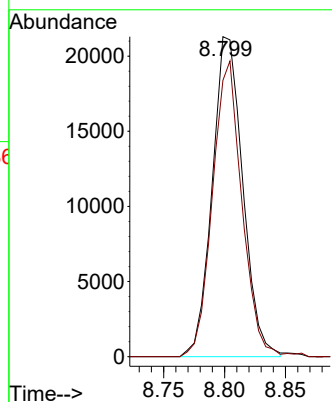
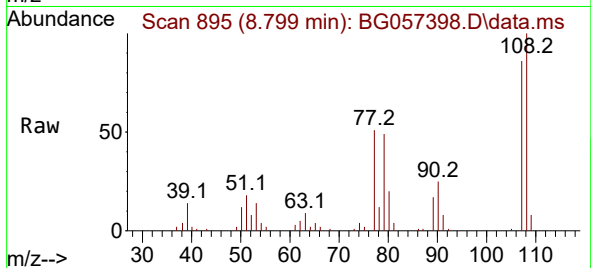
SLCS703

Tgt Ion:108 Resp: 37180

Ion Ratio Lower Upper

108 100

107 86.4 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.175 ng/ul

RT: 8.887 min Scan# 910

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

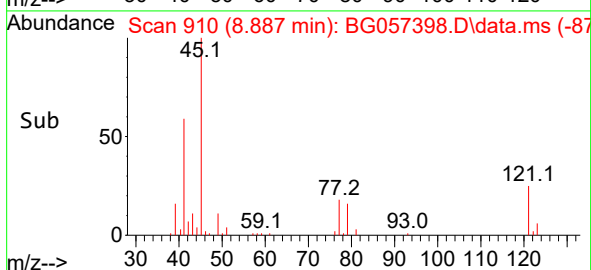
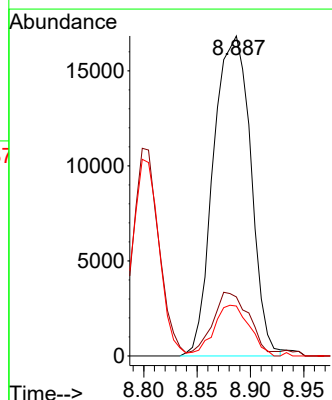
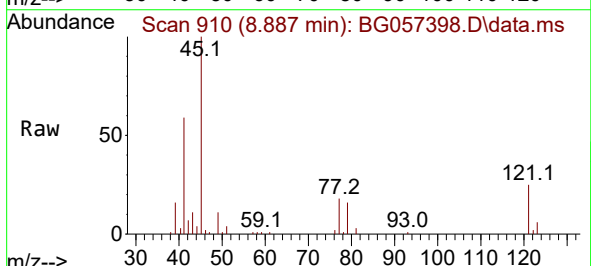
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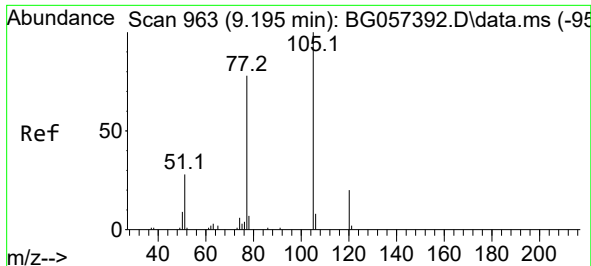
Ion Ratio Lower Upper

45 100

77 18.5 12.9 19.3

79 15.6 8.9 13.3#

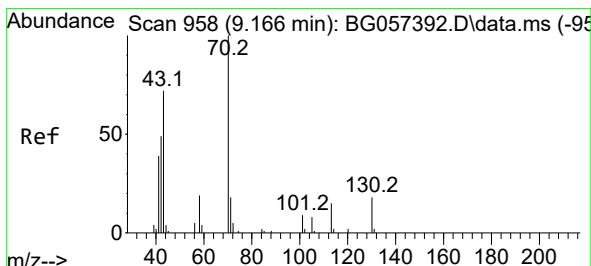
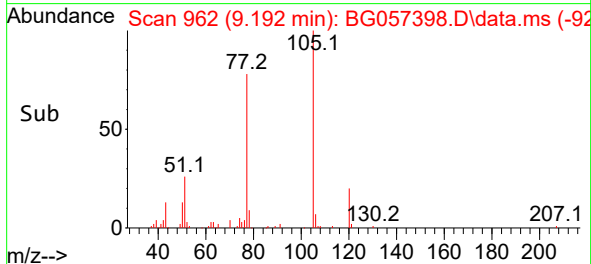
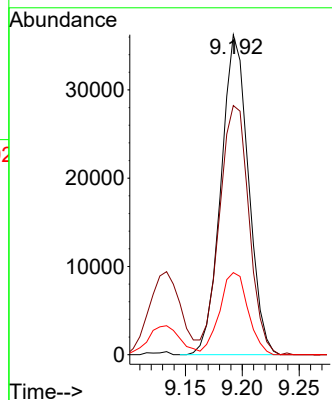
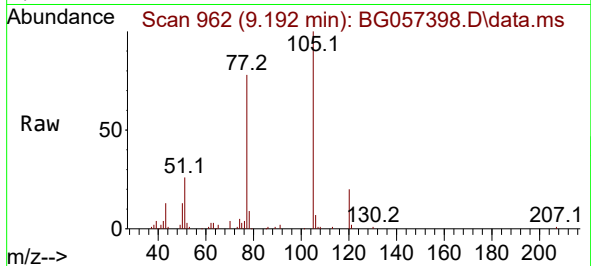




#16
Acetophenone
Concen: 32.192 ng/ul
RT: 9.192 min Scan# 963
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

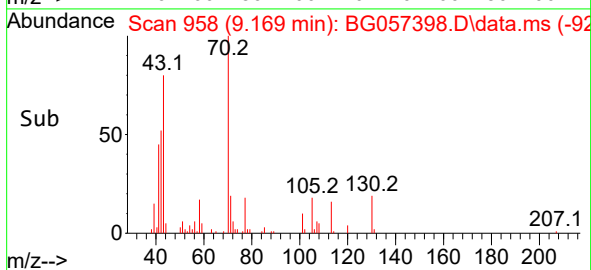
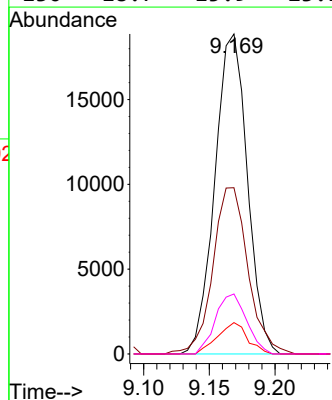
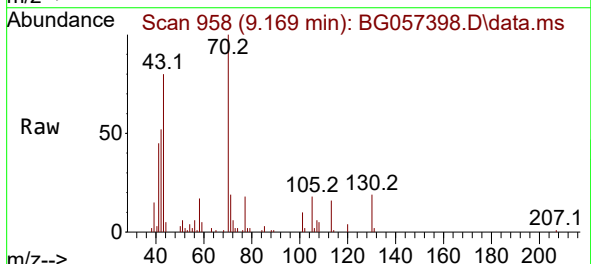
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ClientSampleId :
SLCS703

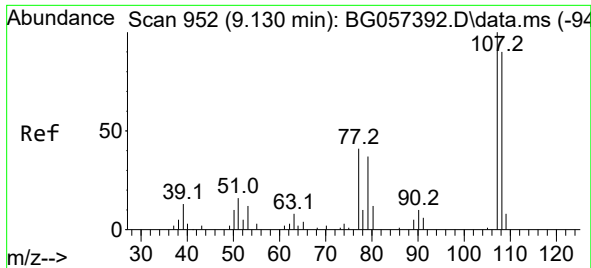
Tgt Ion:105 Resp: 60787
Ion Ratio Lower Upper
105 100
77 77.9 70.6 105.8
51 25.6 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 29.928 ng/ul
RT: 9.169 min Scan# 958
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion: 70 Resp: 32475
Ion Ratio Lower Upper
70 100
42 52.0 45.0 67.4
101 9.8 6.5 9.7#
130 18.7 15.9 23.9

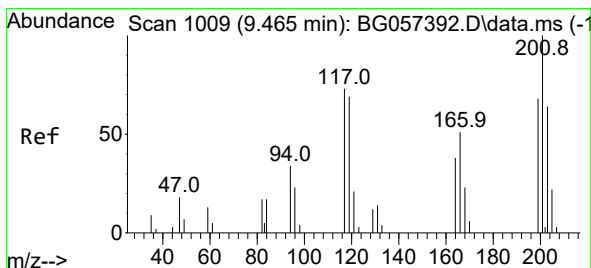
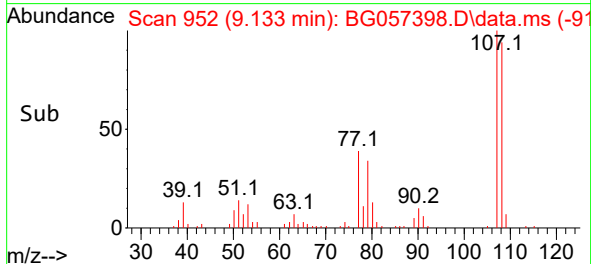
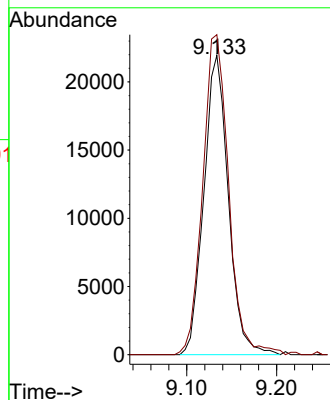
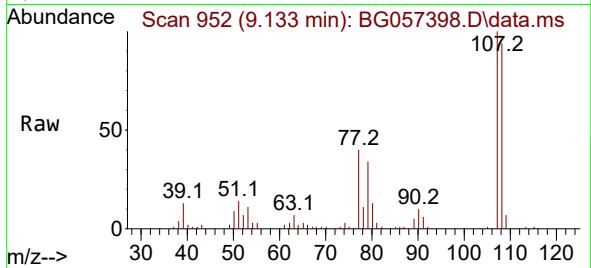




#18
4-Methylphenol
Concen: 34.089 ng/ul
RT: 9.133 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

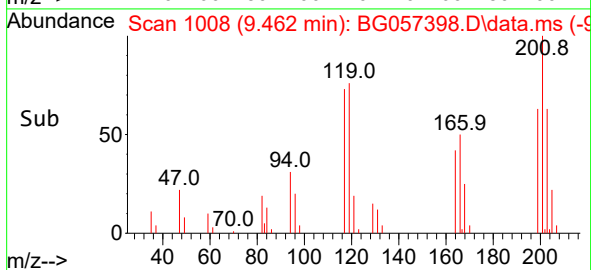
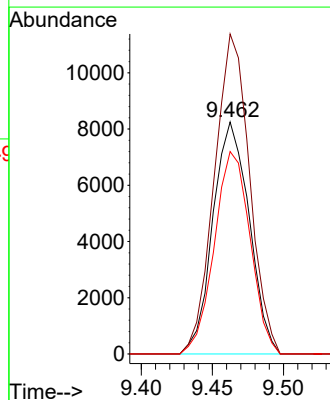
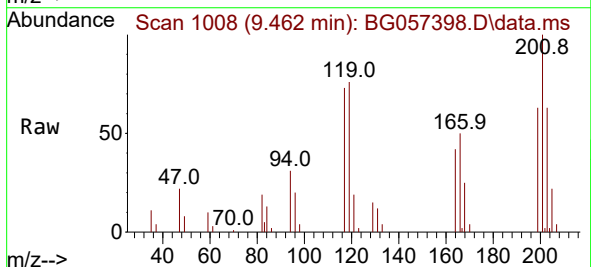
Instrument :
BNA_G
ClientSampleId :
SLCS703

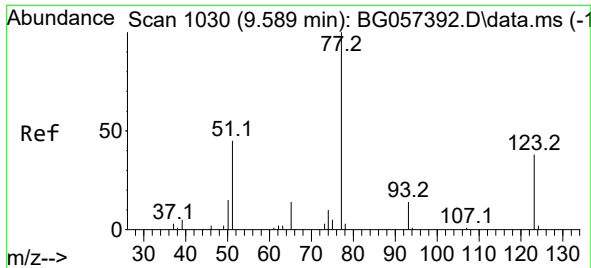
Tgt Ion:108 Resp: 41614
Ion Ratio Lower Upper
108 100
107 106.9 85.1 127.7



#19
Hexachloroethane
Concen: 35.044 ng/ul
RT: 9.462 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:117 Resp: 14653
Ion Ratio Lower Upper
117 100
201 137.9 109.4 164.2
199 87.2 65.4 98.2

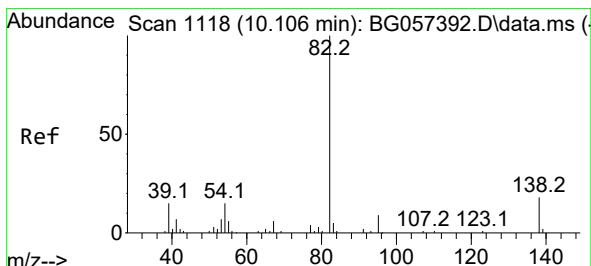
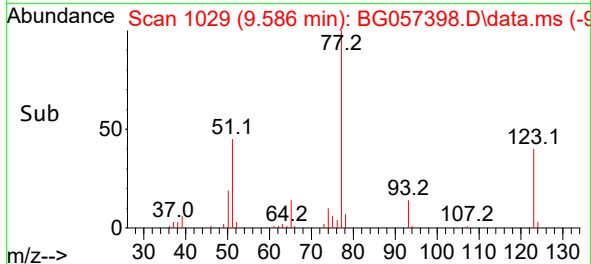
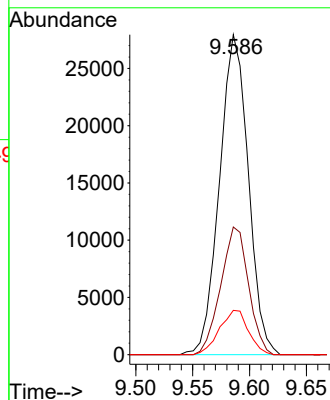
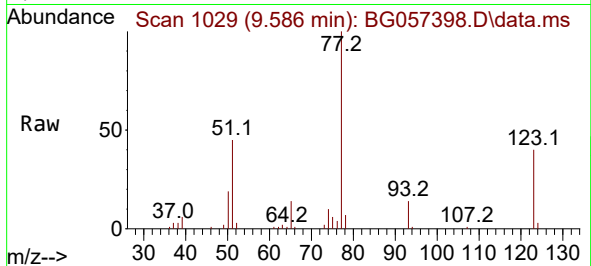




#22
Nitrobenzene
Concen: 33.274 ng/ul
RT: 9.586 min Scan# 1030
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

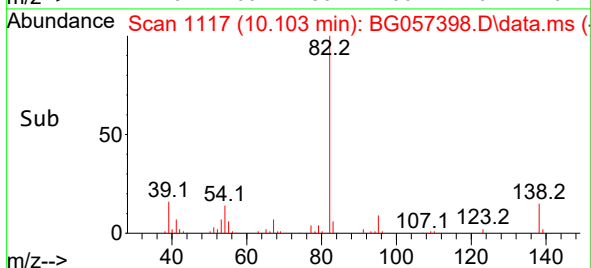
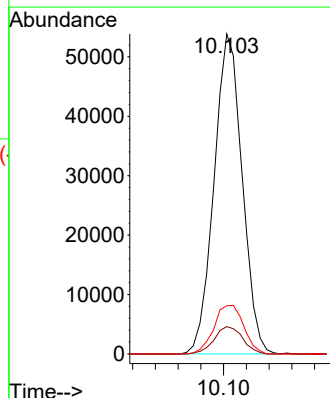
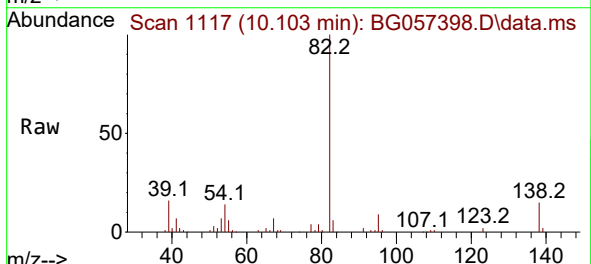
Instrument :
BNA_G
ClientSampleId :
SLCS703

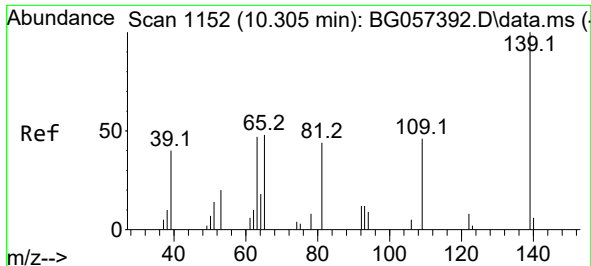
Tgt Ion: 77 Resp: 49234
Ion Ratio Lower Upper
77 100
123 39.9 29.6 44.4
65 13.9 11.4 17.0



#23
Isophorone
Concen: 32.800 ng/ul
RT: 10.103 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion: 82 Resp: 92339
Ion Ratio Lower Upper
82 100
95 8.5 6.8 10.2
138 15.0 12.2 18.2

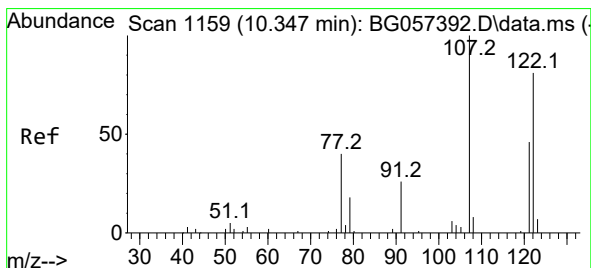
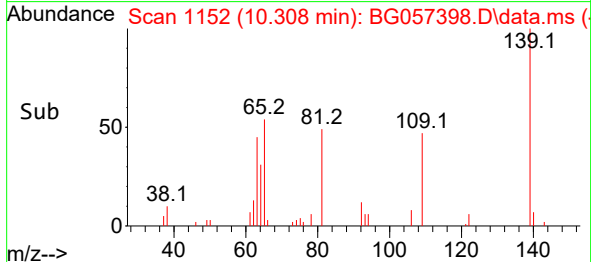
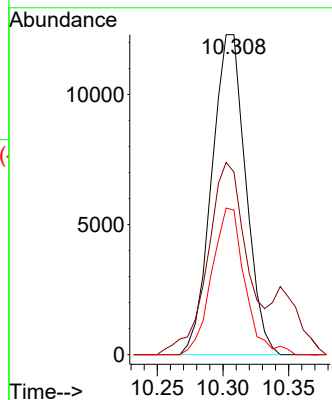
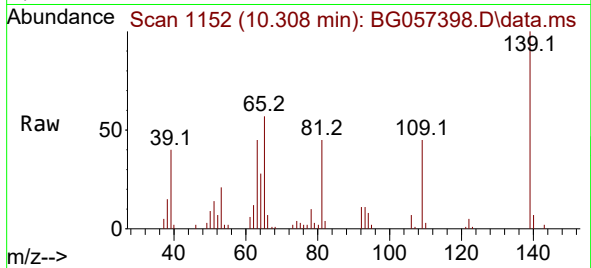




#25
2-Nitrophenol
Concen: 37.791 ng/ul
RT: 10.308 min Scan# 1152
Delta R.T. 0.008 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

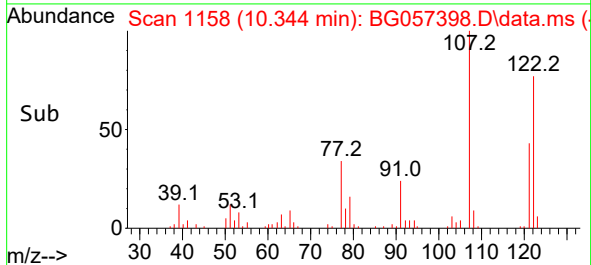
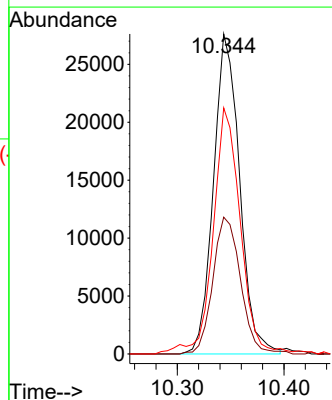
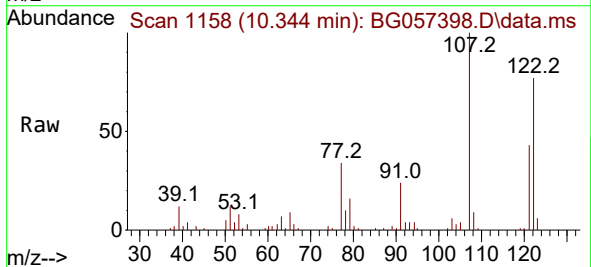
Instrument :
BNA_G
ClientSampleId :
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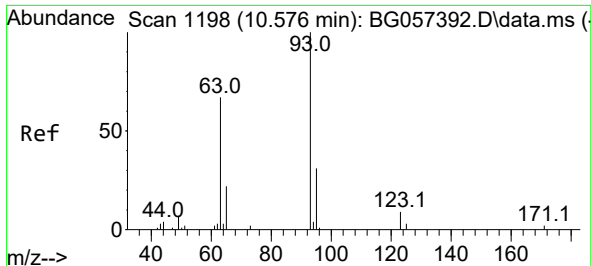
Tgt Ion:139 Resp: 22197
Ion Ratio Lower Upper
139 100
65 57.1 48.7 73.1
109 45.2 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 35.291 ng/ul
RT: 10.344 min Scan# 1158
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:107 Resp: 47023
Ion Ratio Lower Upper
107 100
121 42.7 35.4 53.0
122 76.9 57.0 85.4

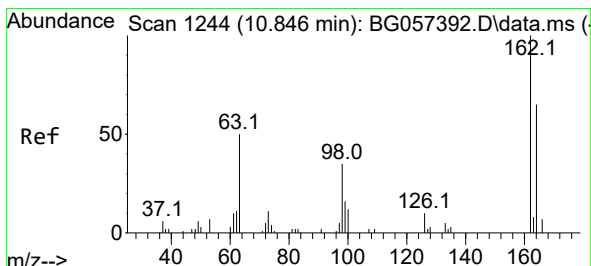
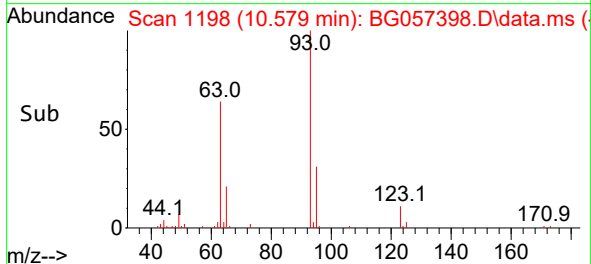
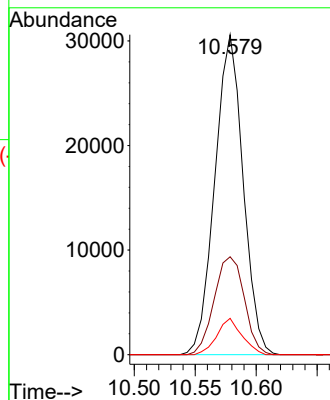
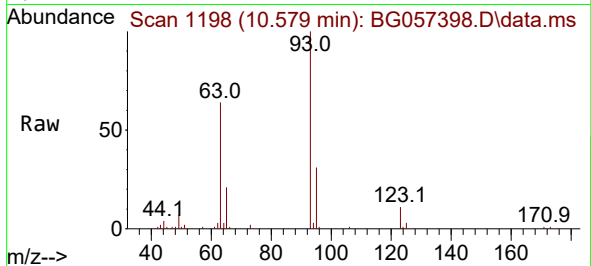




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.701 ng/ul
 RT: 10.579 min Scan# 1198
 Delta R.T. 0.003 min
 Lab File: BG057398.D
 Acq: 11 May 2023 14:00

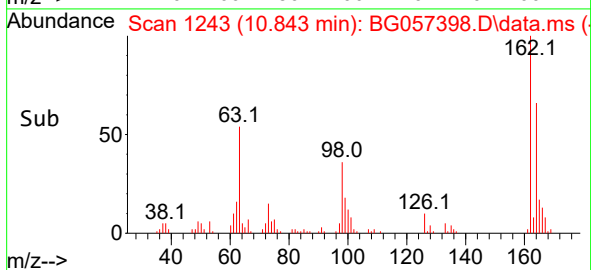
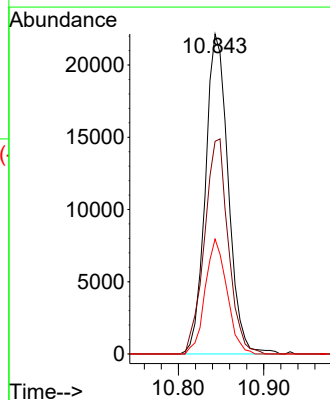
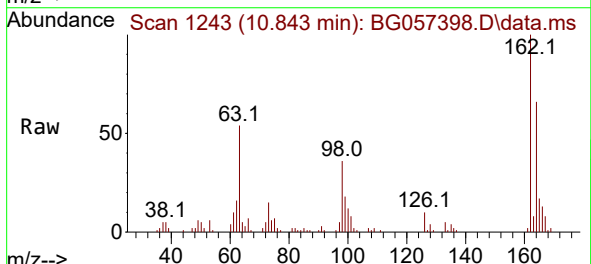
Instrument :
 BNA_G
 ClientSampleId :
 SLCS703

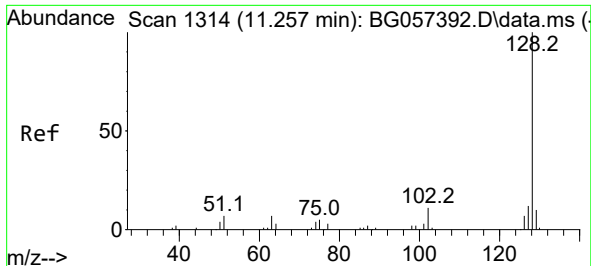
Tgt Ion: 93 Resp: 49317
 Ion Ratio Lower Upper
 93 100
 95 30.6 24.8 37.2
 123 11.3 8.1 12.1



#29
 2,4-Dichlorophenol
 Concen: 38.809 ng/ul
 RT: 10.843 min Scan# 1243
 Delta R.T. -0.003 min
 Lab File: BG057398.D
 Acq: 11 May 2023 14:00

Tgt Ion:162 Resp: 41213
 Ion Ratio Lower Upper
 162 100
 164 66.5 50.5 75.7
 98 35.9 27.5 41.3

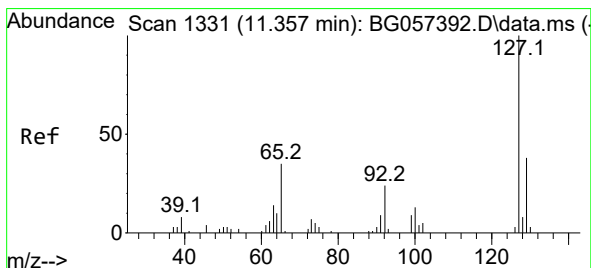
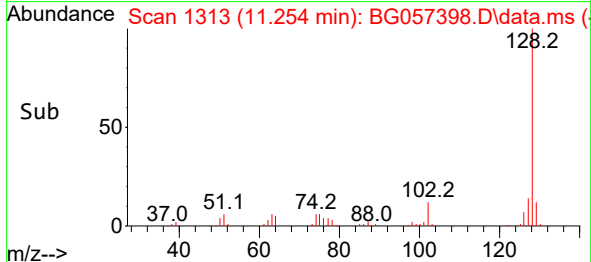
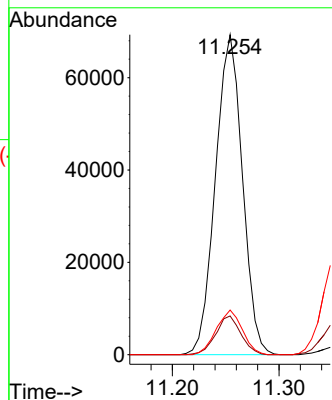
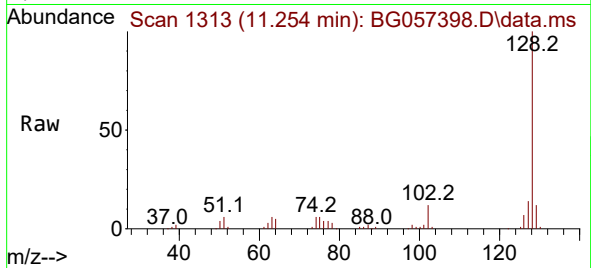




#30
Naphthalene
Concen: 35.536 ng/ul
RT: 11.254 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

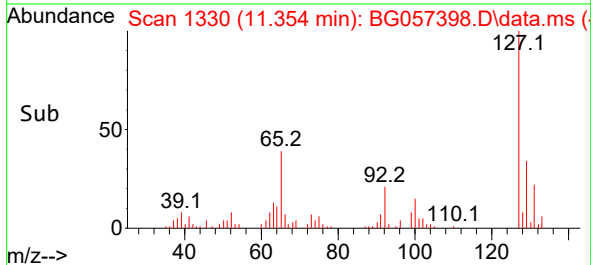
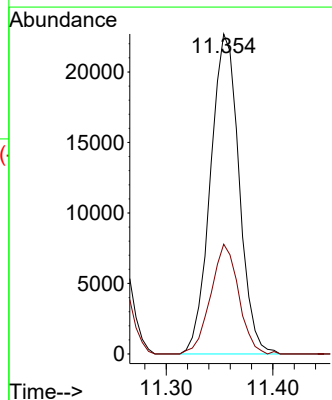
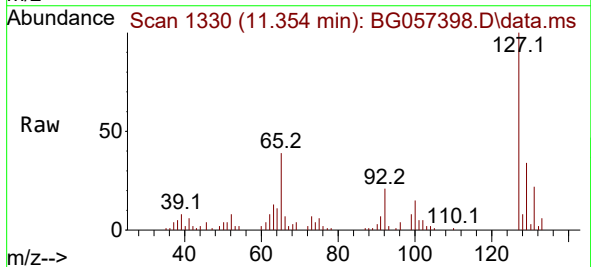
Instrument :
BNA_G
ClientSampleId :
SLCS703

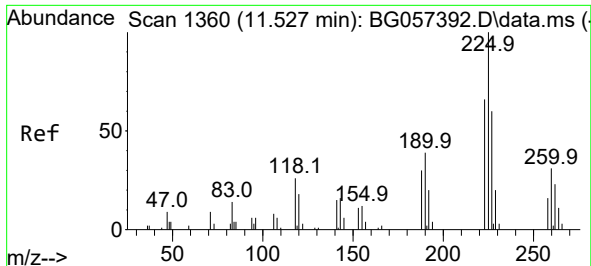
Tgt Ion:128 Resp: 121744
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 13.9 11.4 17.0



#32
4-Chloroaniline
Concen: 27.387 ng/ul
RT: 11.354 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:127 Resp: 42314
Ion Ratio Lower Upper
127 100
129 34.3 25.4 38.0

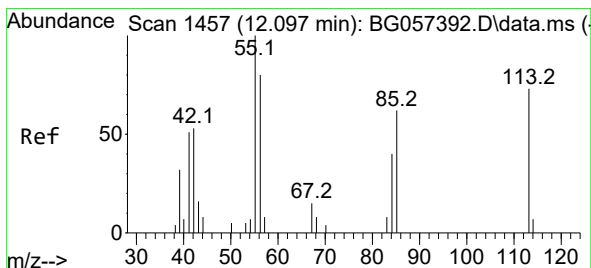
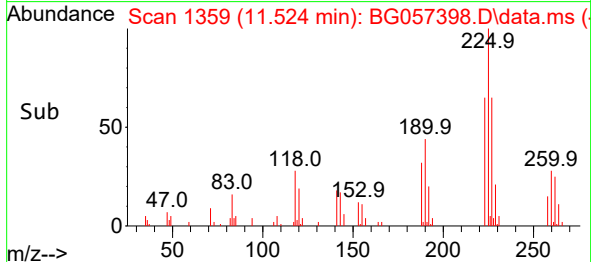
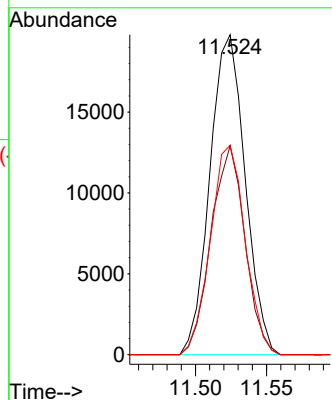
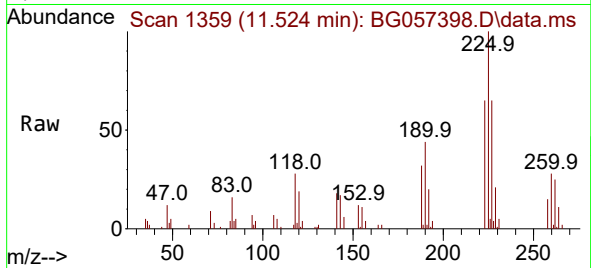




#33
Hexachlorobutadiene
Concen: 37.937 ng/ul
RT: 11.524 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

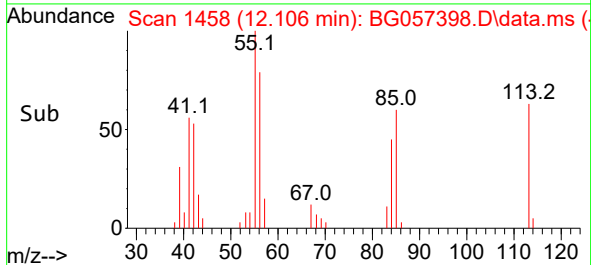
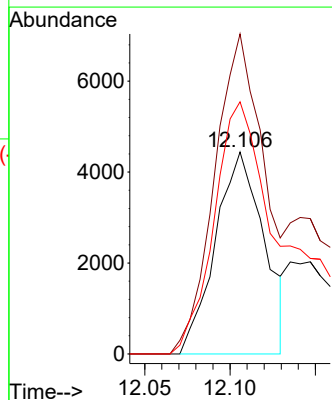
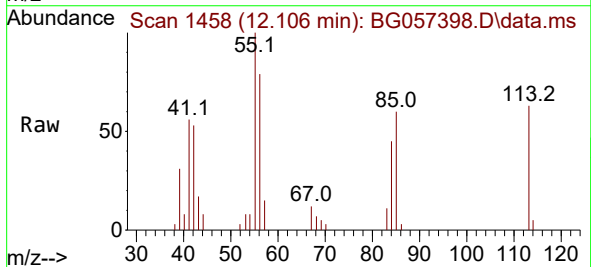
Instrument :
BNA_G
ClientSampleId :
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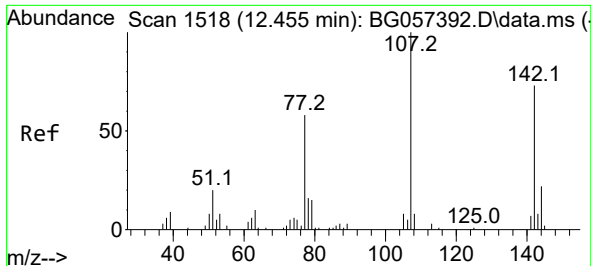
Tgt Ion:225 Resp: 34170
Ion Ratio Lower Upper
225 100
223 65.2 47.5 71.3
227 65.4 48.4 72.6



#34
Caprolactam
Concen: 24.652 ng/ul
RT: 12.106 min Scan# 1458
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:113 Resp: 8813
Ion Ratio Lower Upper
113 100
55 158.4 123.1 184.7
56 124.8 98.7 148.1

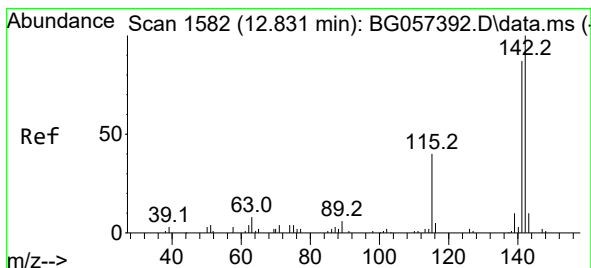
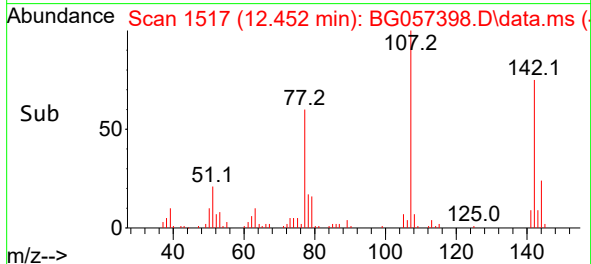
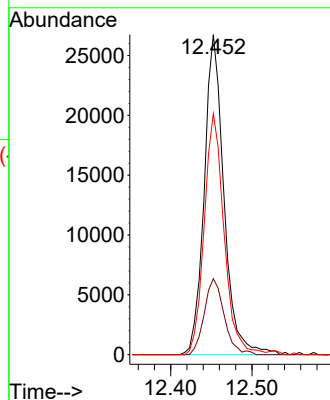
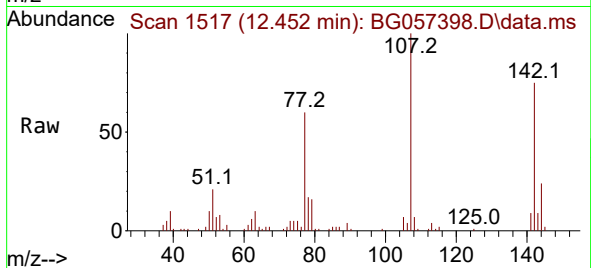




#35
 4-Chloro-3-methylphenol
 Concen: 36.949 ng/ul
 RT: 12.452 min Scan# 1518
 Delta R.T. 0.003 min
 Lab File: BG057398.D
 Acq: 11 May 2023 14:00

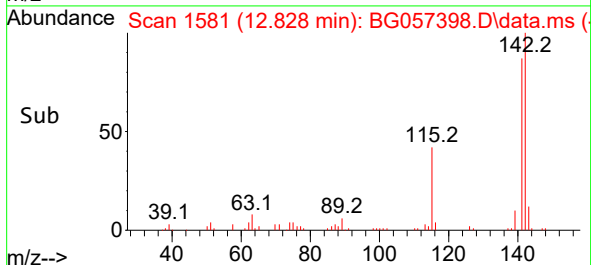
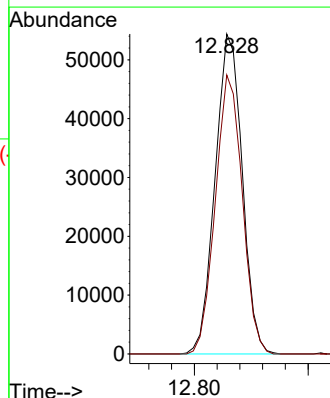
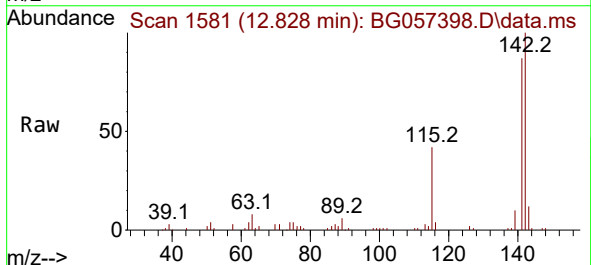
Instrument :
 BNA_G
 ClientSampleId :
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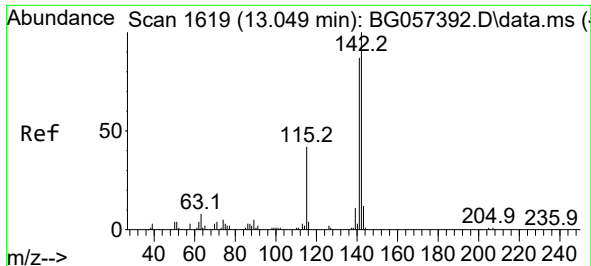
Tgt Ion:107 Resp: 45147
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.3 27.5
 142 75.3 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 35.862 ng/ul
 RT: 12.828 min Scan# 1581
 Delta R.T. -0.003 min
 Lab File: BG057398.D
 Acq: 11 May 2023 14:00

Tgt Ion:142 Resp: 90098
 Ion Ratio Lower Upper
 142 100
 141 87.2 68.7 103.1





#37

1-Methylnaphthalene

Concen: 36.568 ng/ul

RT: 13.046 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

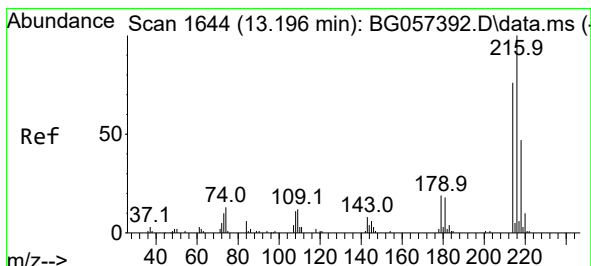
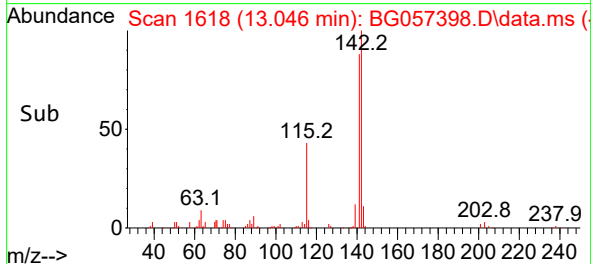
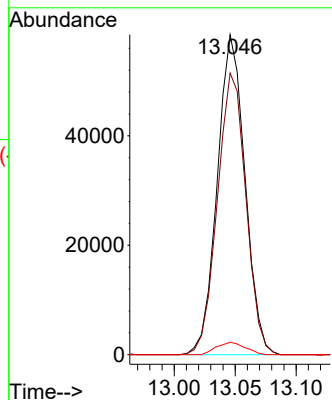
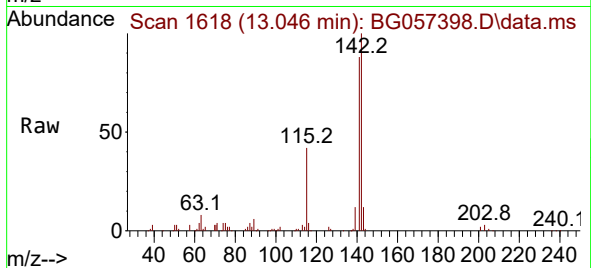
Tgt Ion:142 Resp: 92379

Ion Ratio Lower Upper

142 100

141 88.0 72.9 109.3

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.670 ng/ul

RT: 13.193 min Scan# 1643

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Tgt Ion:216 Resp: 66192

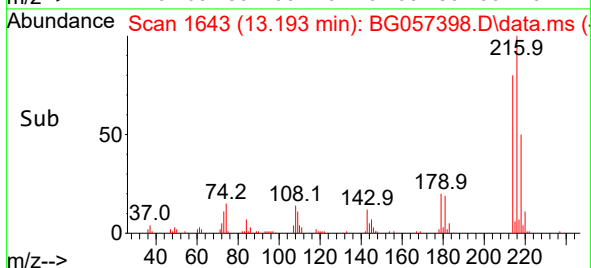
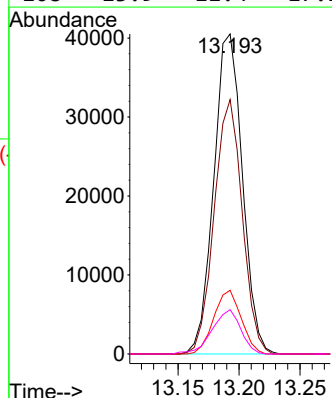
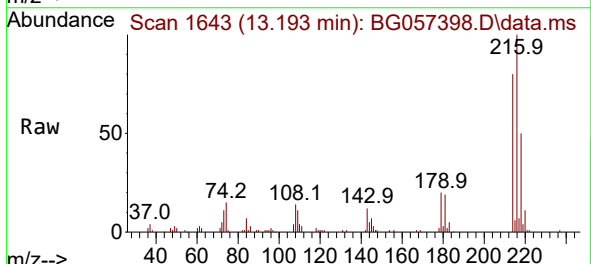
Ion Ratio Lower Upper

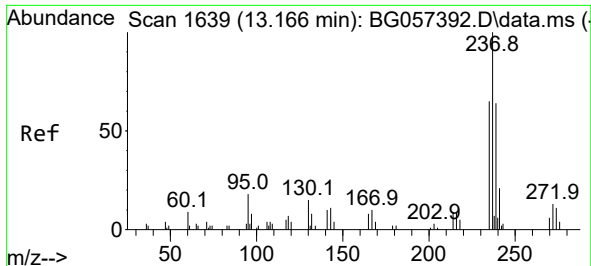
216 100

214 79.5 62.9 94.3

179 19.9 15.3 22.9

108 13.9 11.4 17.2

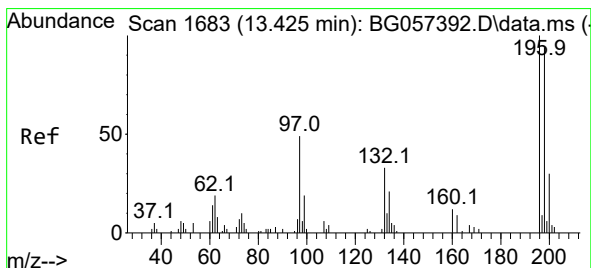
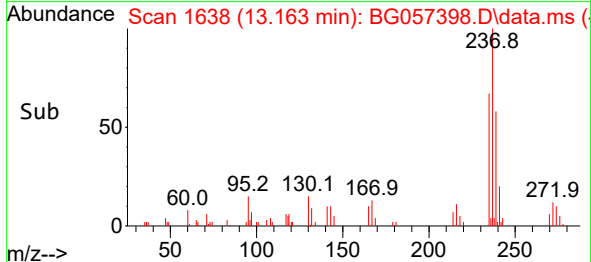
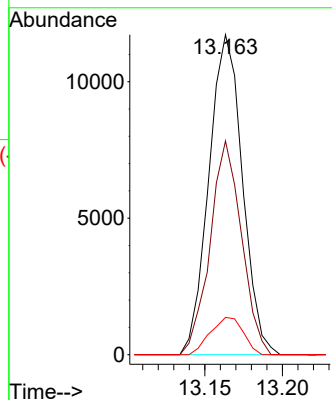
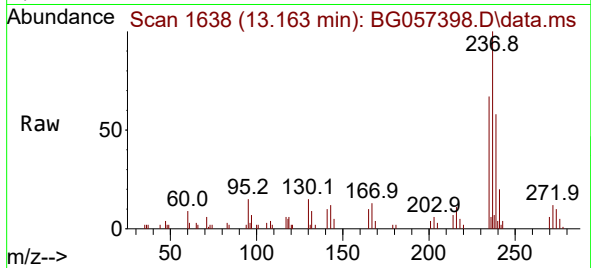




#40
Hexachlorocyclopentadiene
Concen: 20.076 ng/ul
RT: 13.163 min Scan# 1638
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

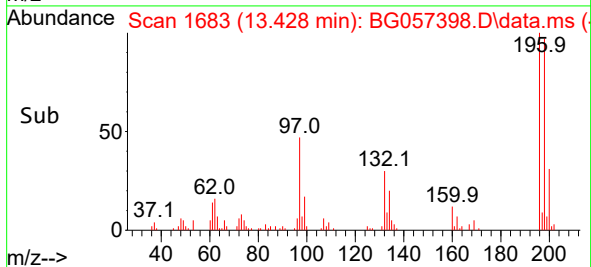
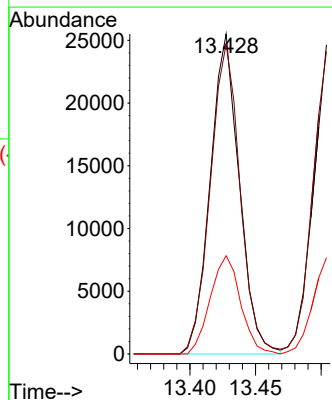
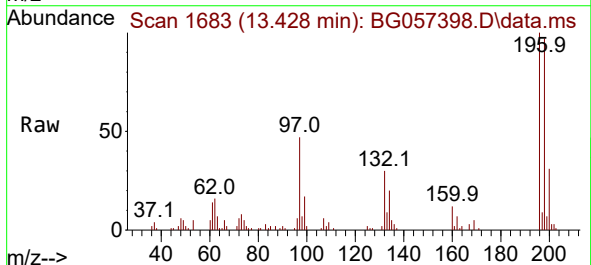
Instrument :
BNA_G
ClientSampleId :
SLCS703

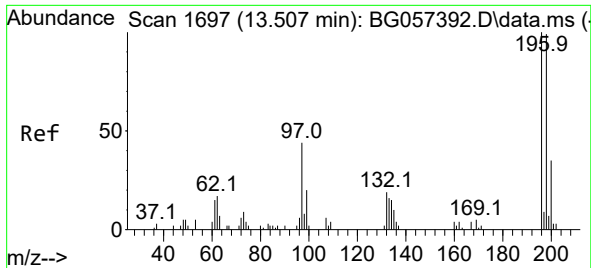
Tgt Ion:237 Resp: 17604
Ion Ratio Lower Upper
237 100
235 66.8 51.4 77.0
272 11.6 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 38.327 ng/ul
RT: 13.428 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:196 Resp: 39223
Ion Ratio Lower Upper
196 100
198 96.8 83.8 125.8
200 30.7 26.6 40.0

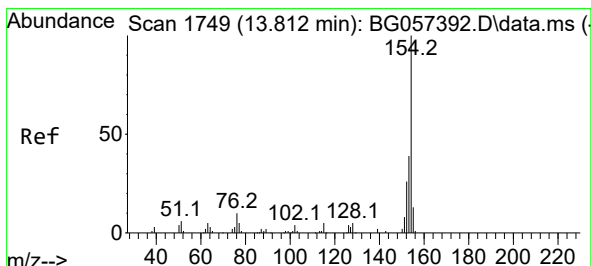
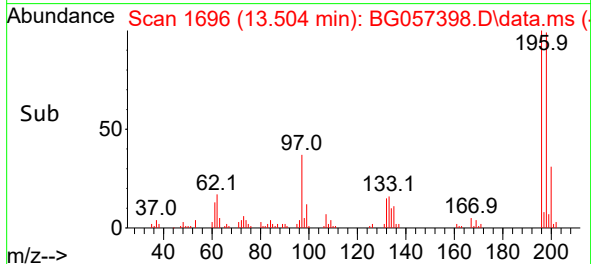
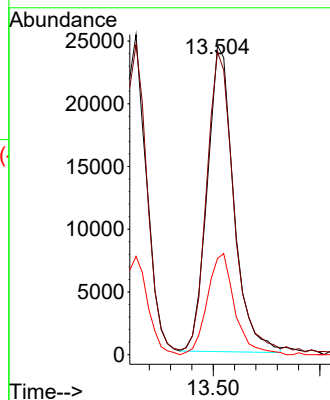
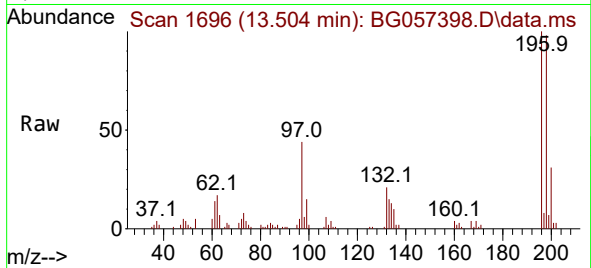




#42
2,4,5-Trichlorophenol
Concen: 38.286 ng/ul
RT: 13.504 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

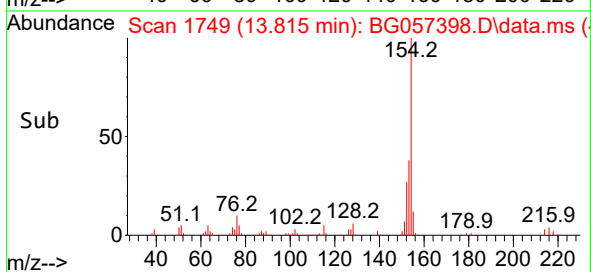
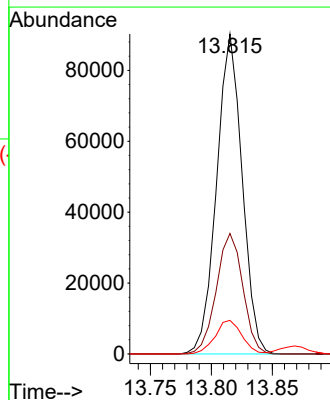
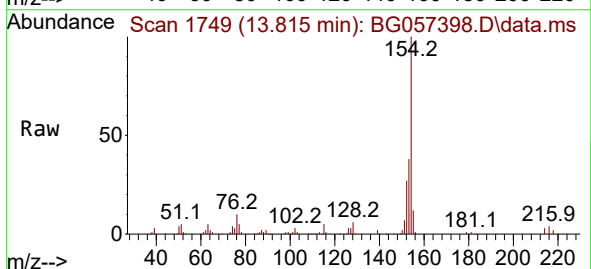
Instrument :
BNA_G
ClientSampleId :
SLCS703

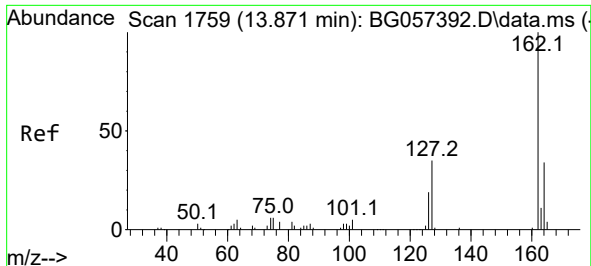
Tgt Ion:196 Resp: 42066
Ion Ratio Lower Upper
196 100
198 98.0 85.7 128.5
200 31.1 29.9 44.9



#43
1,1'-Biphenyl
Concen: 35.624 ng/ul
RT: 13.815 min Scan# 1749
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:154 Resp: 131436
Ion Ratio Lower Upper
154 100
153 37.7 31.6 47.4
76 10.5 8.0 12.0

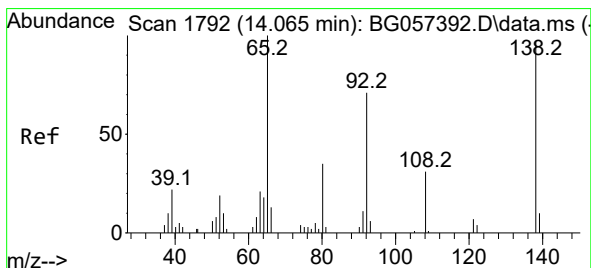
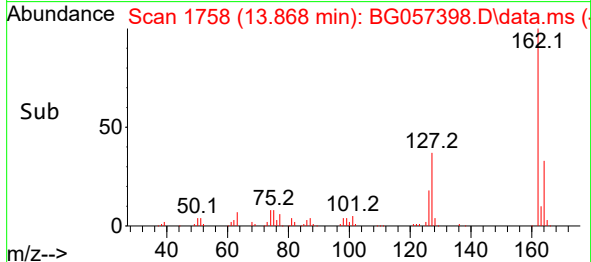
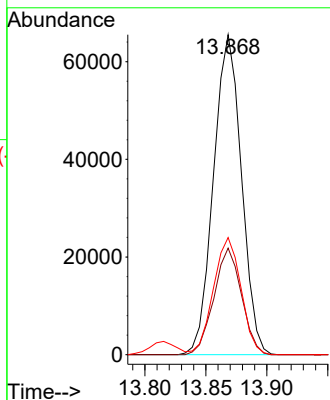
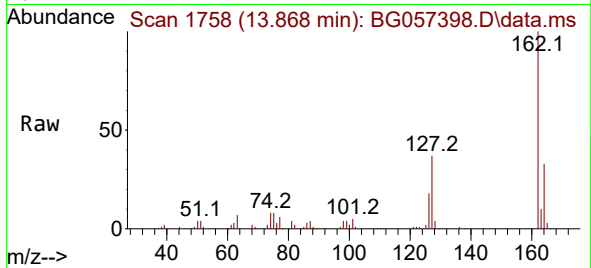




#44
2-Chloronaphthalene
Concen: 36.485 ng/ul
RT: 13.868 min Scan# 1758
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

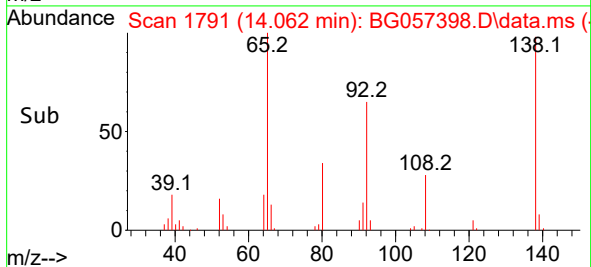
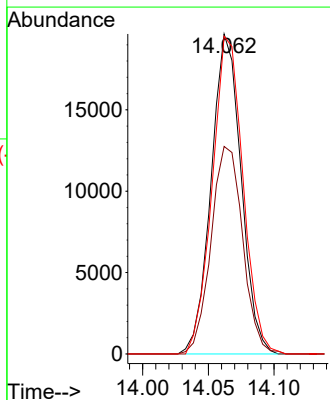
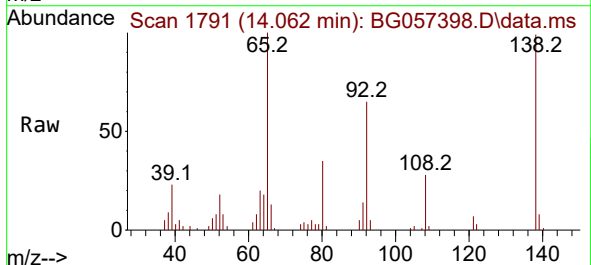
Instrument :
BNA_G
ClientSampleId :
SLCS703

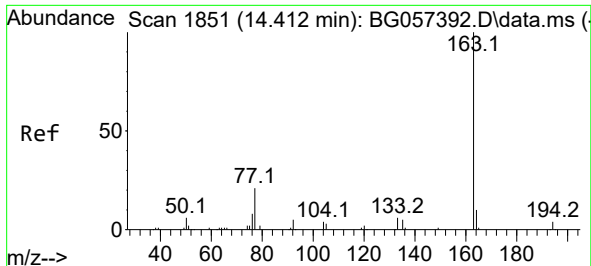
Tgt Ion:162 Resp: 104373
Ion Ratio Lower Upper
162 100
164 33.3 26.2 39.4
127 36.6 29.4 44.2



#45
2-Nitroaniline
Concen: 36.112 ng/ul
RT: 14.062 min Scan# 1791
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion: 65 Resp: 31187
Ion Ratio Lower Upper
65 100
92 64.9 51.8 77.6
138 99.3 71.9 107.9





#47

Dimethylphthalate

Concen: 35.265 ng/ul

RT: 14.409 min Scan# 1850

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

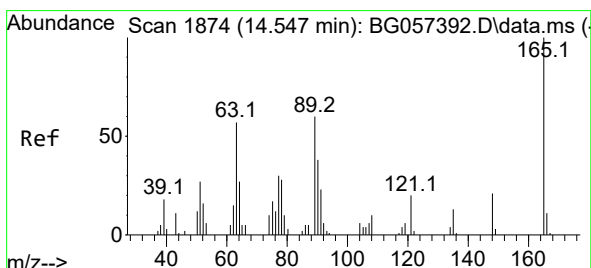
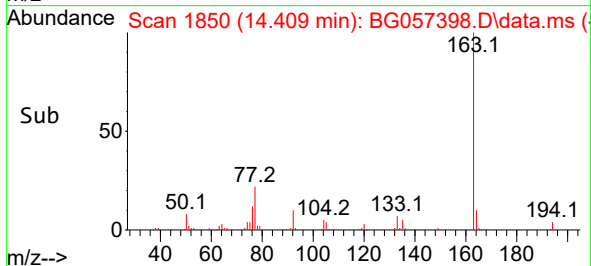
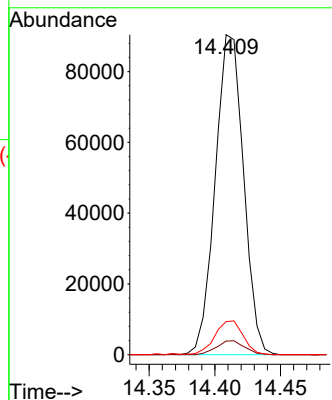
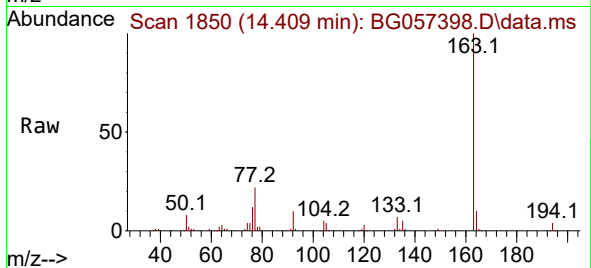
Tgt Ion:163 Resp: 135680

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 38.127 ng/ul

RT: 14.544 min Scan# 1873

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

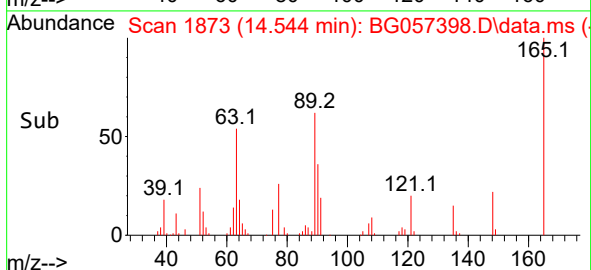
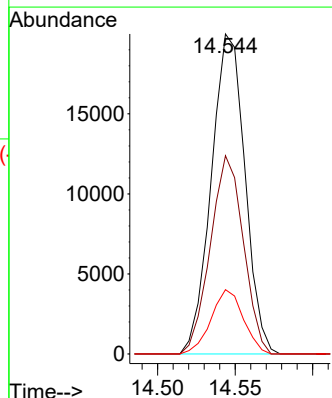
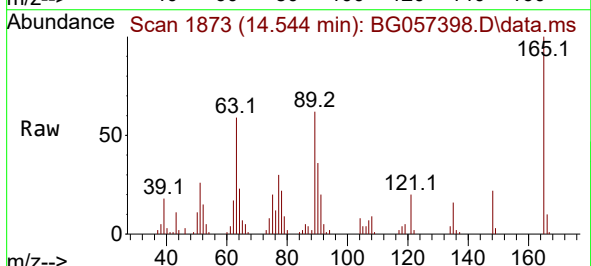
Tgt Ion:165 Resp: 30189

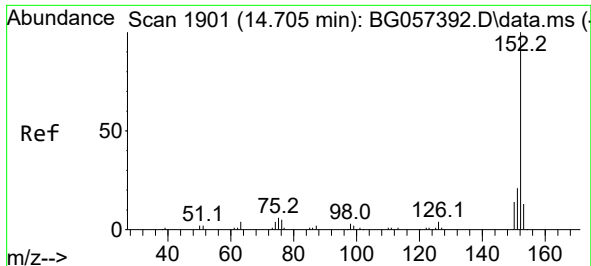
Ion Ratio Lower Upper

165 100

89 62.0 50.6 76.0

121 20.1 16.8 25.2

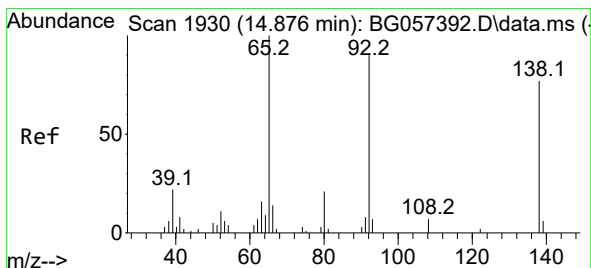
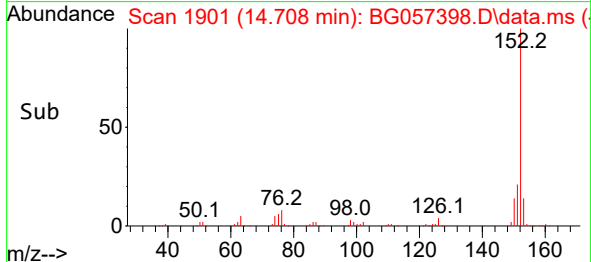
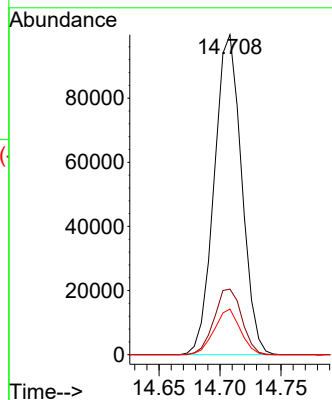
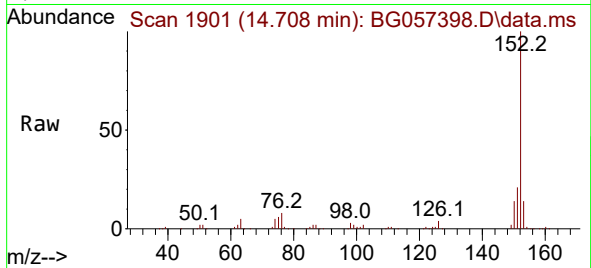




#50
Acenaphthylene
Concen: 35.581 ng/ul
RT: 14.708 min Scan# 1901
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

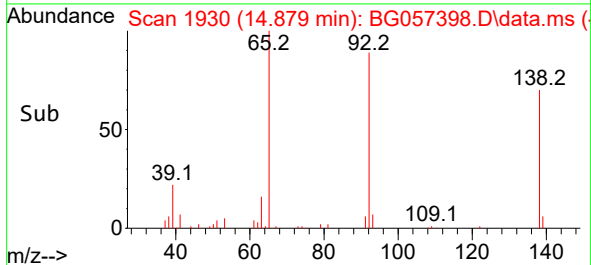
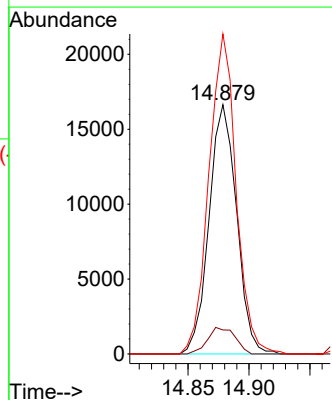
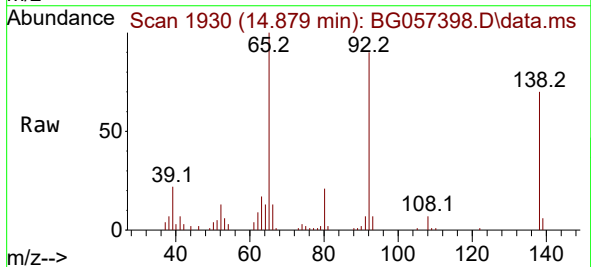
Instrument :
BNA_G
ClientSampleId :
SLCS703

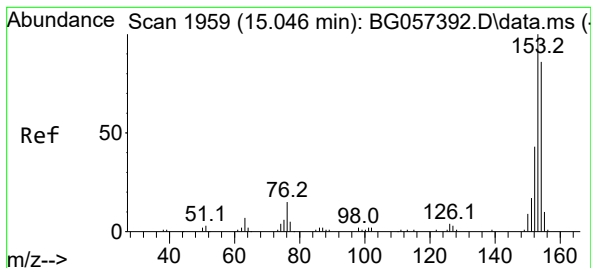
Tgt Ion:152 Resp: 155699
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.3 10.1 15.1



#51
3-Nitroaniline
Concen: 46.637 ng/ul
RT: 14.879 min Scan# 1930
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:138 Resp: 26165
Ion Ratio Lower Upper
138 100
108 9.6 9.2 13.8
92 128.4 99.5 149.3





#52

Acenaphthene

Concen: 35.949 ng/ul

RT: 15.043 min Scan# 1959

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

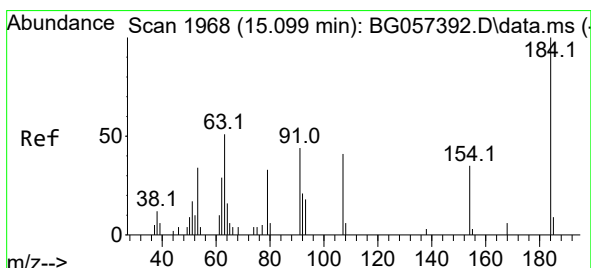
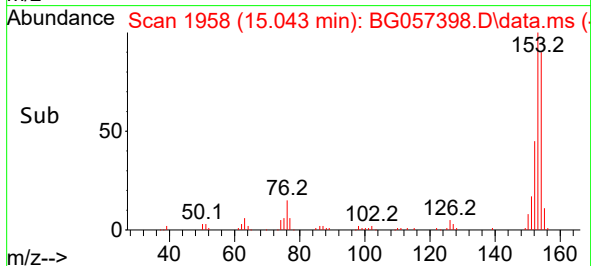
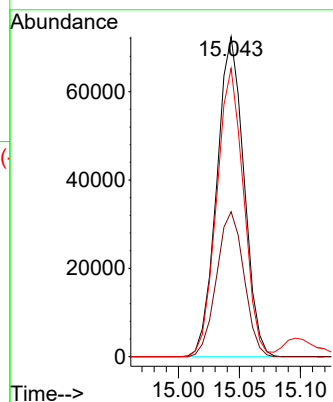
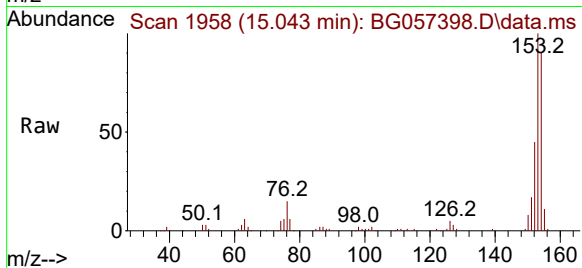
Tgt Ion:153 Resp: 112083

Ion Ratio Lower Upper

153 100

152 45.3 36.5 54.7

154 90.1 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 33.240 ng/ul

RT: 15.096 min Scan# 1967

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

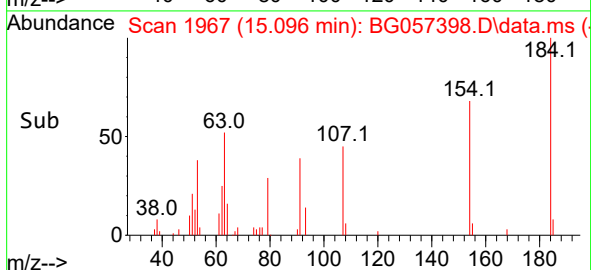
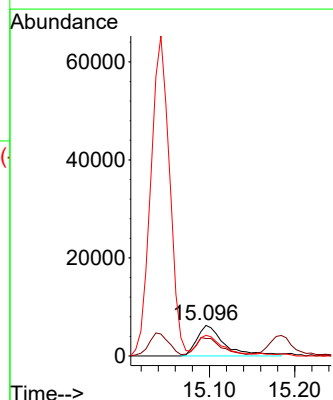
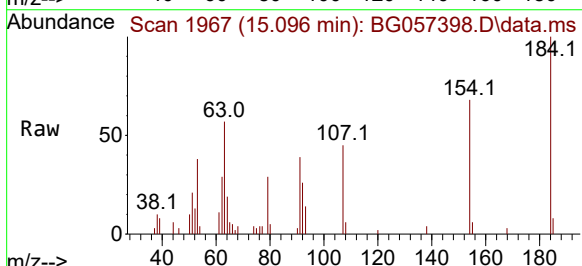
Tgt Ion:184 Resp: 14016

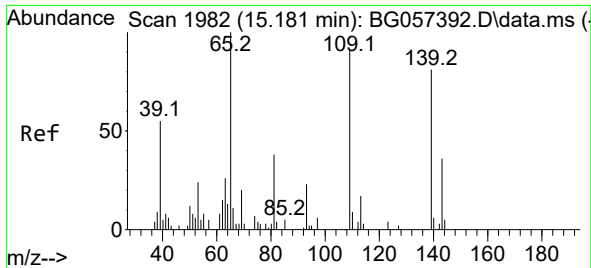
Ion Ratio Lower Upper

184 100

63 57.2 48.3 72.5

154 67.7 50.0 75.0

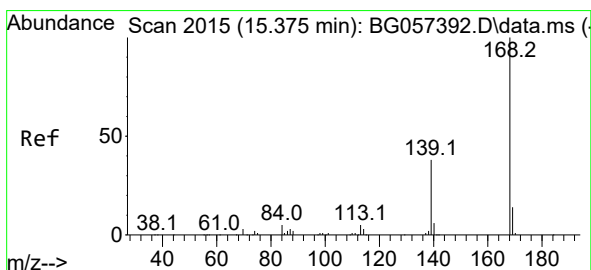
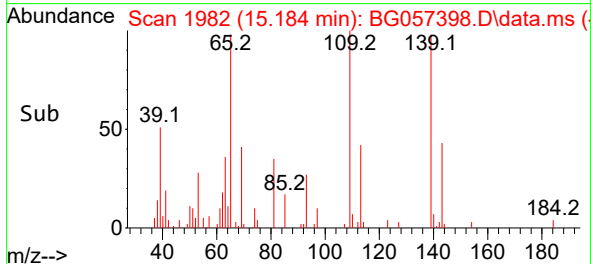
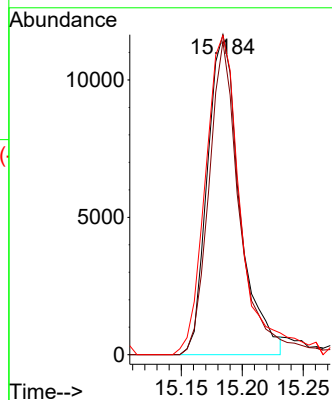
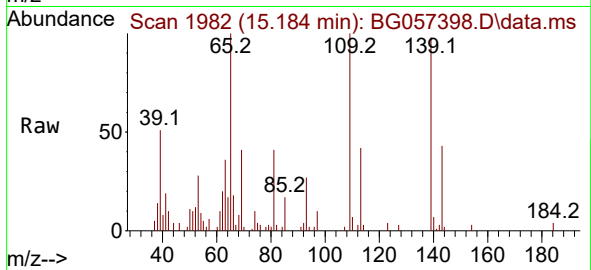




#55
4-Nitrophenol
Concen: 33.916 ng/ul
RT: 15.184 min Scan# 1982
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

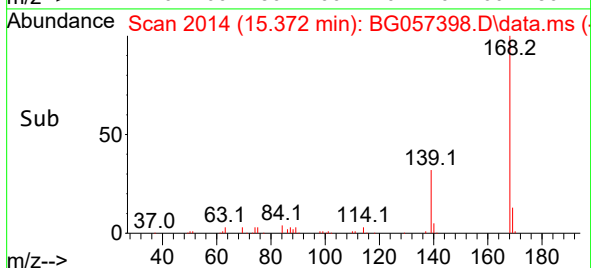
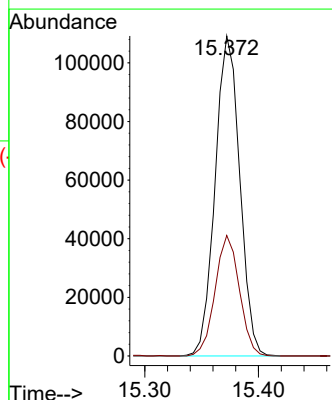
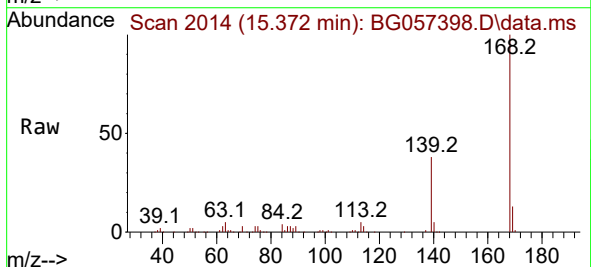
Instrument :
BNA_G
ClientSampleId :
SLCS703

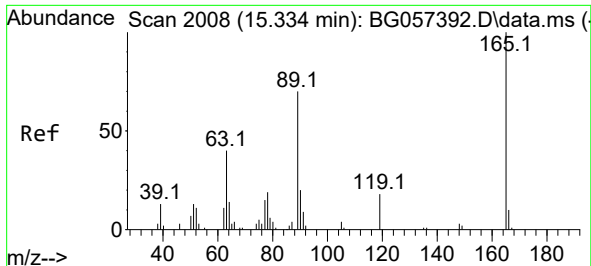
Tgt Ion:109 Resp: 21442
Ion Ratio Lower Upper
109 100
139 97.8 73.8 110.8
65 99.8 81.7 122.5



#56
Dibenzofuran
Concen: 36.505 ng/ul
RT: 15.372 min Scan# 2014
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:168 Resp: 164356
Ion Ratio Lower Upper
168 100
139 37.7 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 38.624 ng/ul

RT: 15.331 min Scan# 2008

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

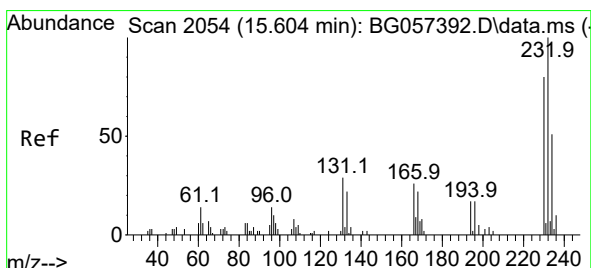
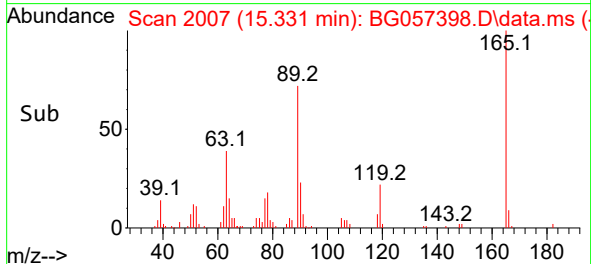
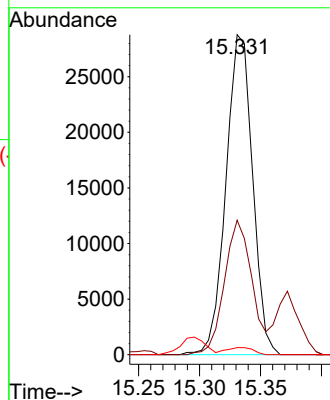
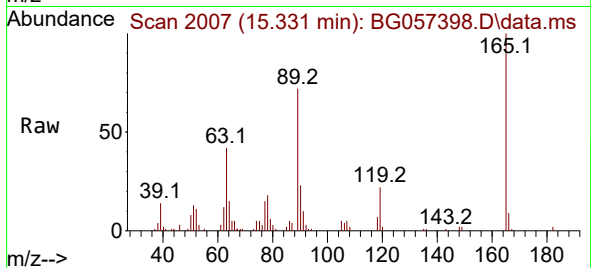
Tgt Ion:165 Resp: 43780

Ion Ratio Lower Upper

165 100

63 42.0 35.9 53.9

182 2.2 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.533 ng/ul

RT: 15.595 min Scan# 2052

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Tgt Ion:232 Resp: 38471

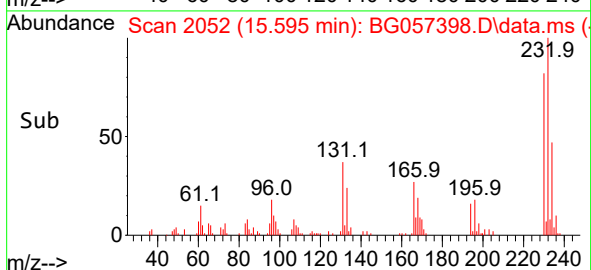
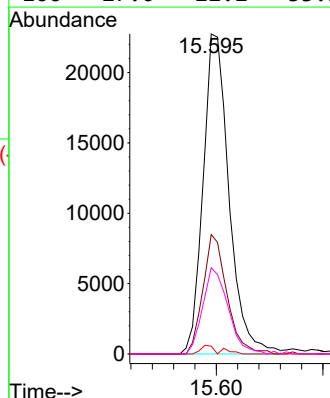
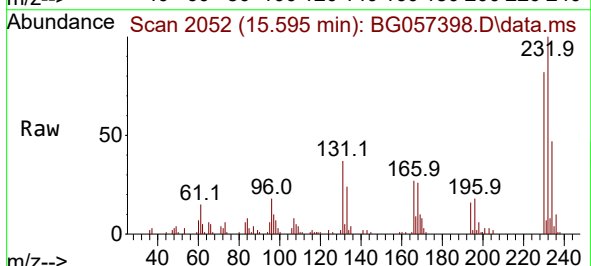
Ion Ratio Lower Upper

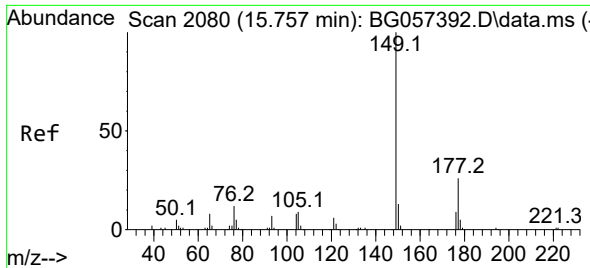
232 100

131 37.3 28.6 43.0

130 2.4 1.8 2.6

166 27.0 22.2 33.2

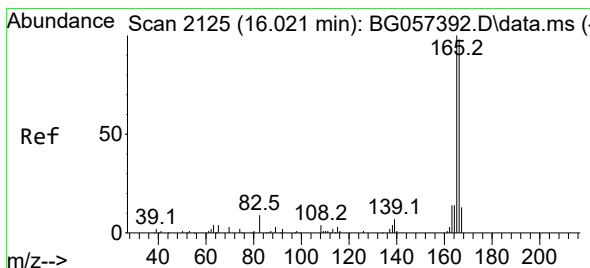
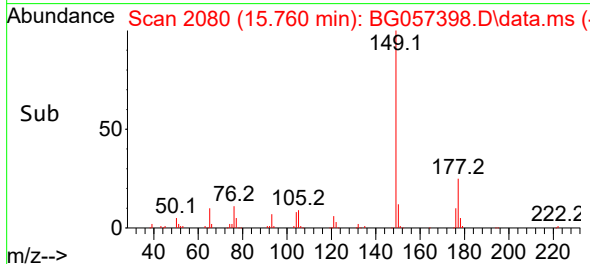
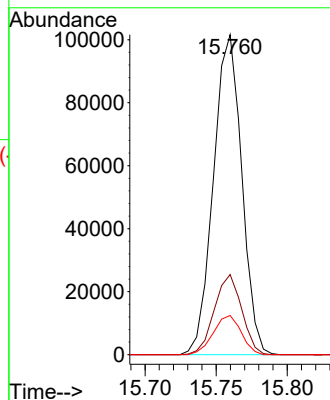
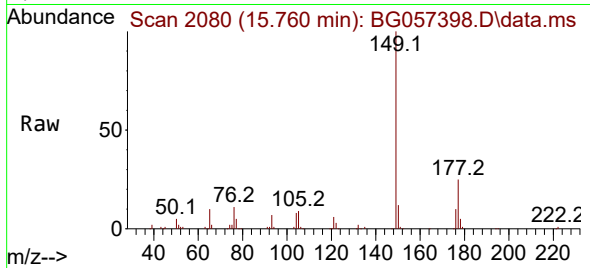




#59
Diethylphthalate
Concen: 35.986 ng/ul
RT: 15.760 min Scan# 2080
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

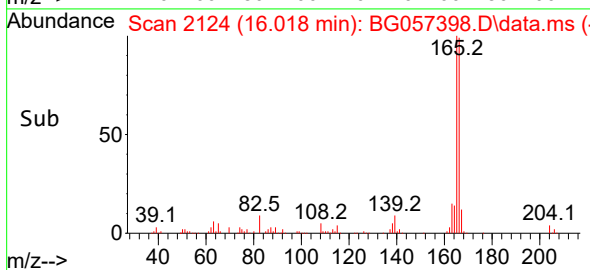
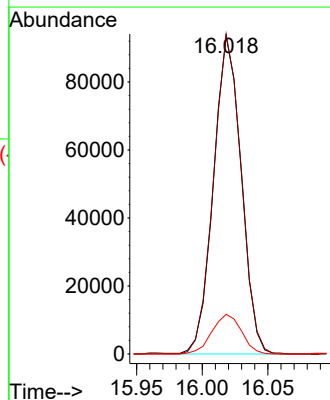
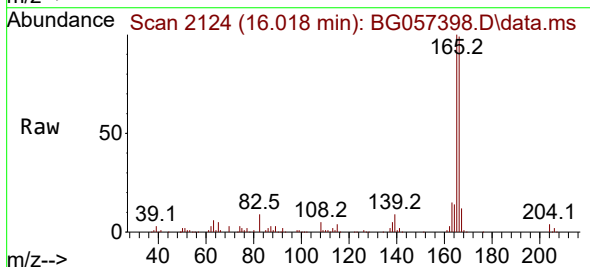
Instrument :
BNA_G
ClientSampleId :
SLCS703

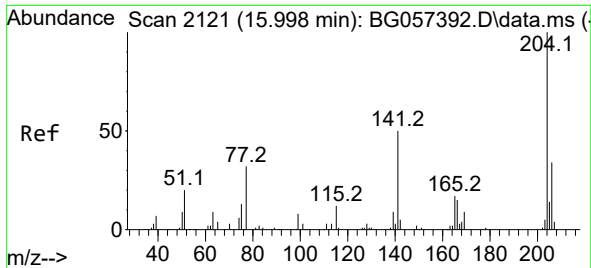
Tgt Ion:149 Resp: 140667
Ion Ratio Lower Upper
149 100
177 25.1 18.6 28.0
150 12.3 9.8 14.8



#61
Fluorene
Concen: 35.933 ng/ul
RT: 16.018 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:166 Resp: 136802
Ion Ratio Lower Upper
166 100
165 100.7 80.1 120.1
167 12.5 10.2 15.4

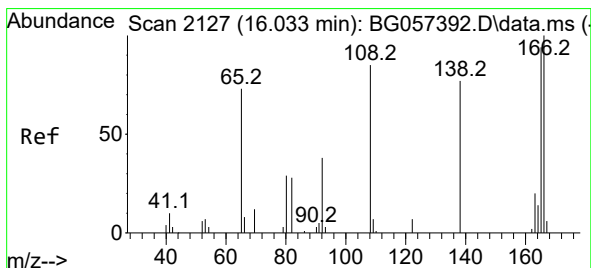
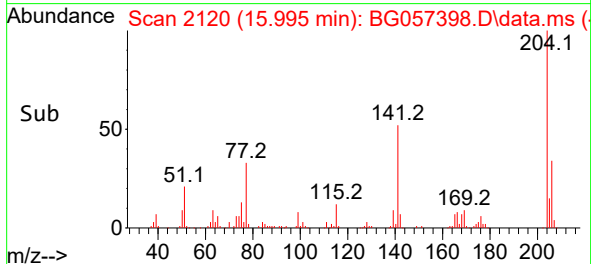
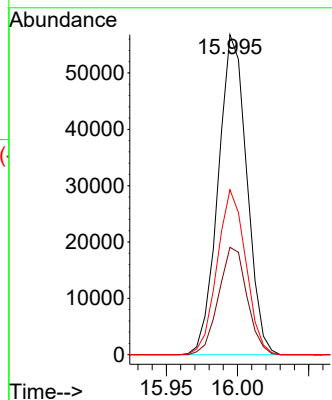
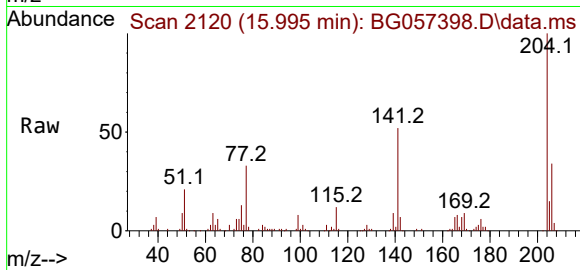




#62
4-Chlorophenyl-phenylether
Concen: 35.765 ng/ul
RT: 15.995 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

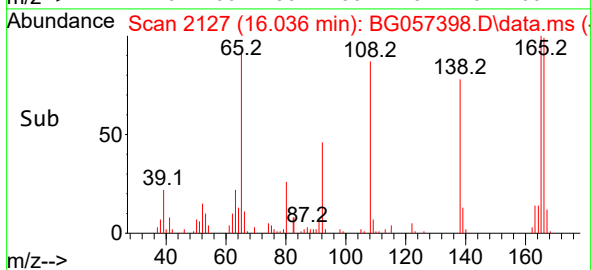
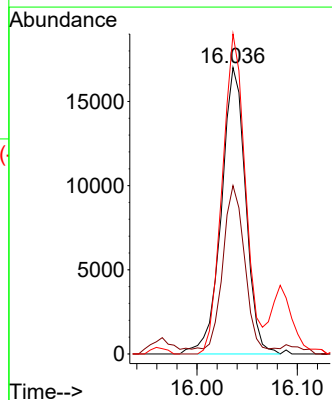
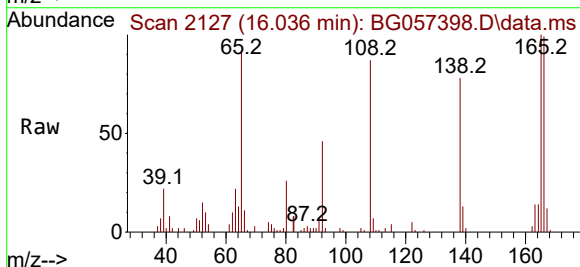
Instrument :
BNA_G
ClientSampleId :
SLCS703

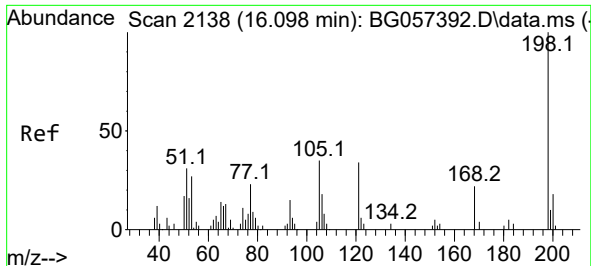
Tgt Ion:204 Resp: 79472
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 51.6 41.5 62.3



#63
4-Nitroaniline
Concen: 53.793 ng/ul
RT: 16.036 min Scan# 2127
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:138 Resp: 28580
Ion Ratio Lower Upper
138 100
92 58.7 39.9 59.9
108 111.7 89.1 133.7

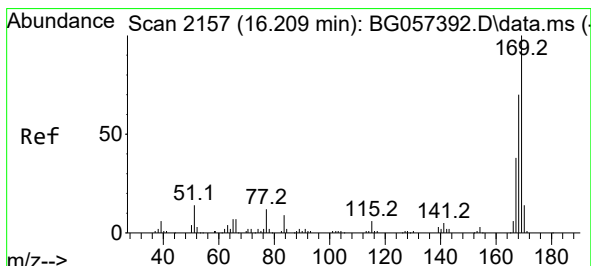
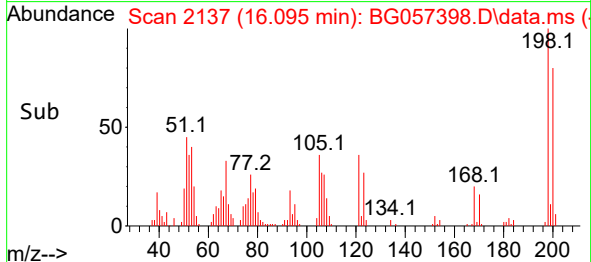
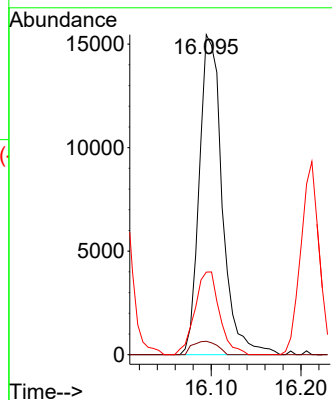
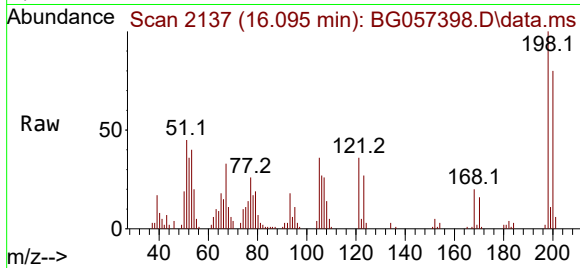




#66
4,6-Dinitro-2-methylphenol
Concen: 38.107 ng/ul
RT: 16.095 min Scan# 2138
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

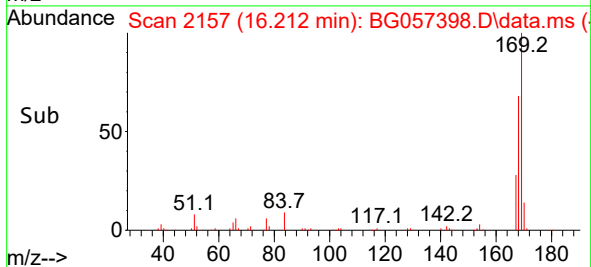
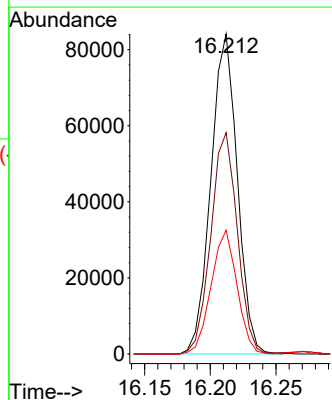
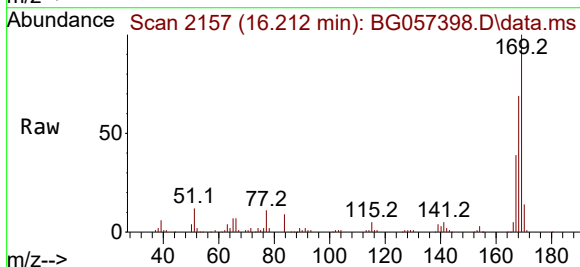
Instrument :
BNA_G
ClientSampleId :
SLCS703

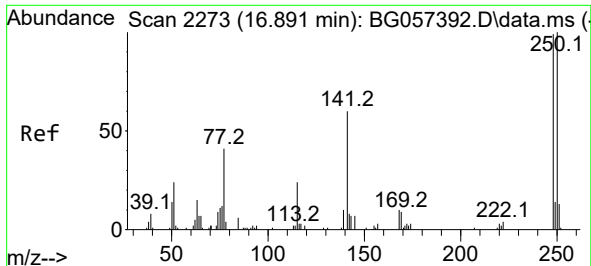
Tgt Ion:198 Resp: 27451
Ion Ratio Lower Upper
198 100
182 4.2 3.0 4.6
77 25.8 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 37.786 ng/ul
RT: 16.212 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:169 Resp: 117771
Ion Ratio Lower Upper
169 100
168 69.2 55.4 83.2
167 38.6 31.0 46.4

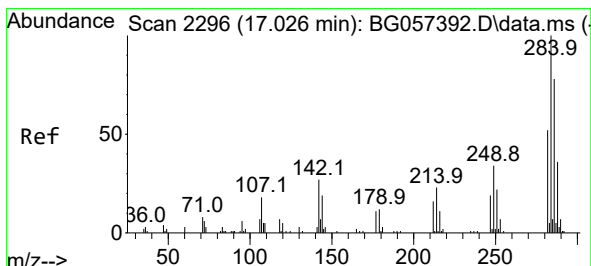
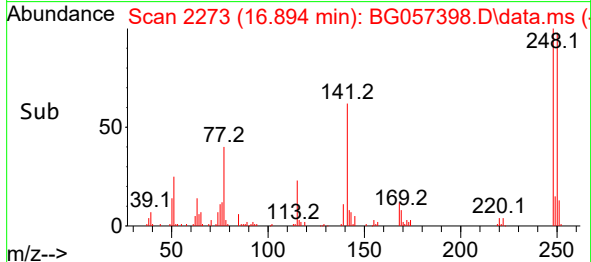
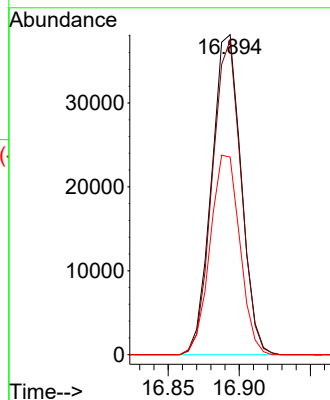
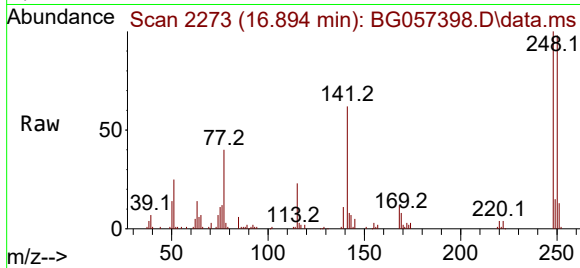




#68
4-Bromophenyl-phenylether
Concen: 38.728 ng/ul
RT: 16.894 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

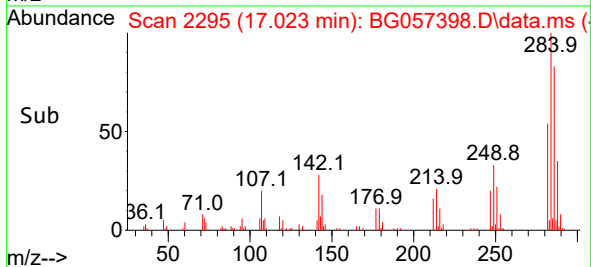
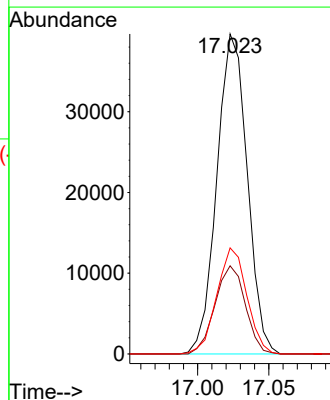
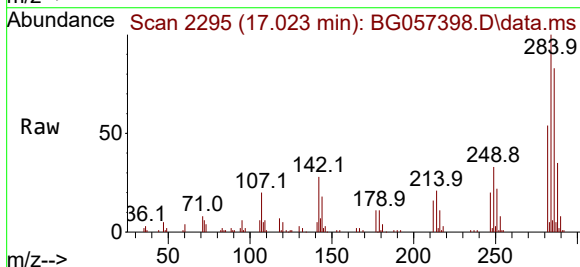
Instrument :
BNA_G
ClientSampleId :
SLCS703

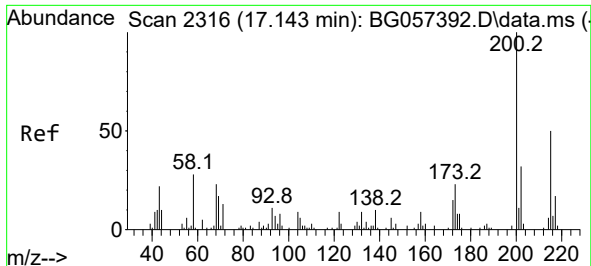
Tgt Ion:248 Resp: 55230
Ion Ratio Lower Upper
248 100
250 98.3 74.8 112.2
141 61.8 47.8 71.6



#69
Hexachlorobenzene
Concen: 39.155 ng/ul
RT: 17.023 min Scan# 2295
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:284 Resp: 58800
Ion Ratio Lower Upper
284 100
142 27.6 22.6 33.8
249 33.1 26.2 39.2

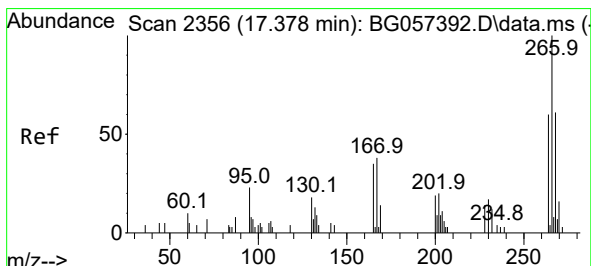
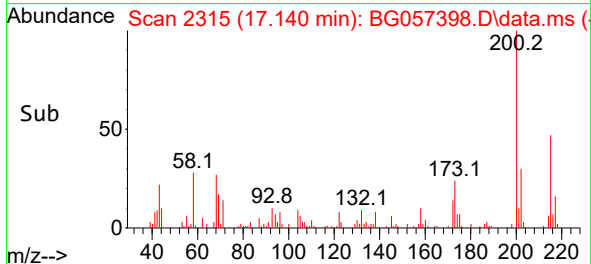
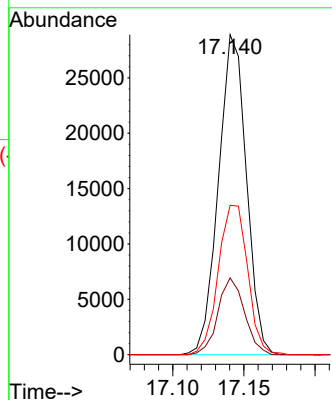
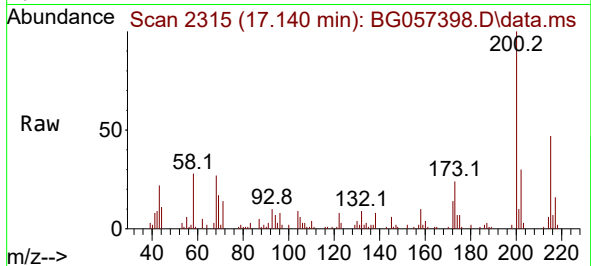




#70
Atrazine
Concen: 28.499 ng/ul
RT: 17.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

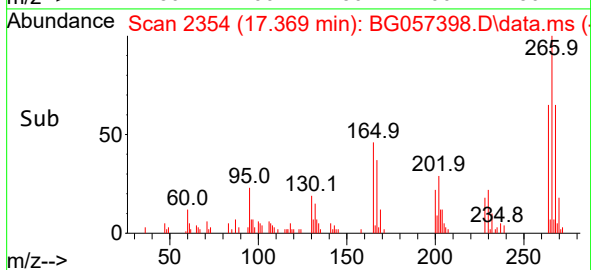
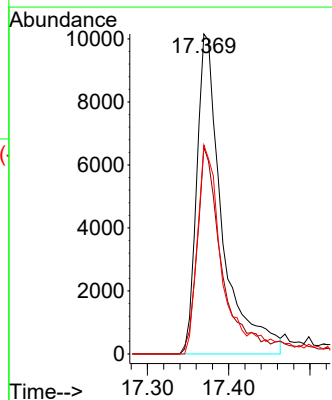
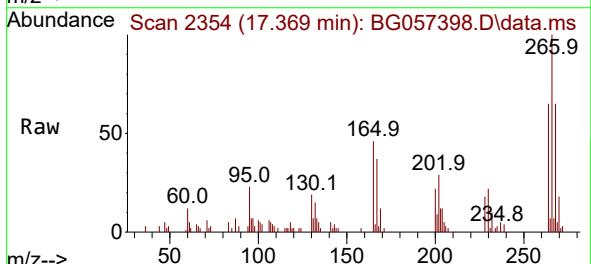
Instrument :
BNA_G
ClientSampleId :
SLCS703

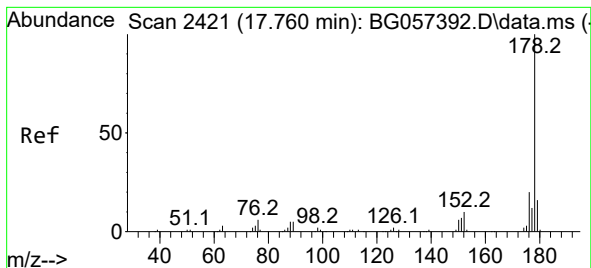
Tgt Ion:200 Resp: 39477
Ion Ratio Lower Upper
200 100
173 24.0 17.8 26.6
215 46.7 40.3 60.5



#71
Pentachlorophenol
Concen: 31.852 ng/ul
RT: 17.369 min Scan# 2354
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:266 Resp: 22110
Ion Ratio Lower Upper
266 100
264 64.6 47.8 71.6
268 65.3 48.2 72.4





#72

Phenanthrene

Concen: 38.061 ng/ul

RT: 17.763 min Scan# 2421

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

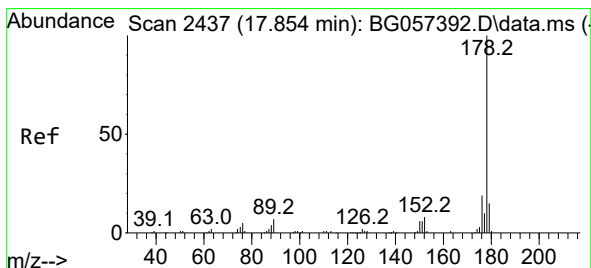
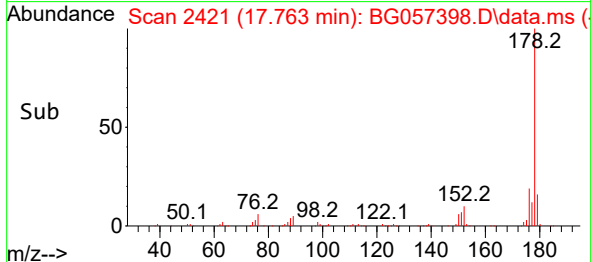
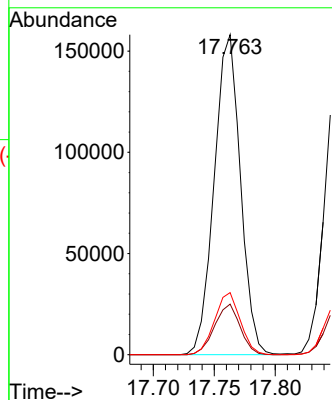
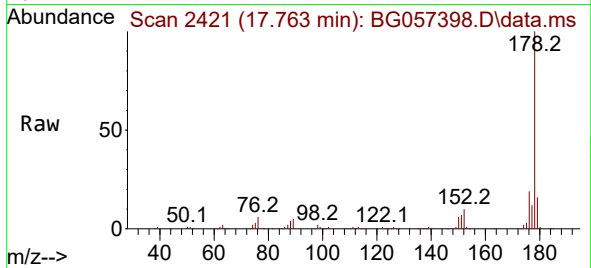
Tgt Ion:178 Resp: 236489

Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.8

176 19.4 15.4 23.0



#74

Anthracene

Concen: 37.267 ng/ul

RT: 17.851 min Scan# 2436

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

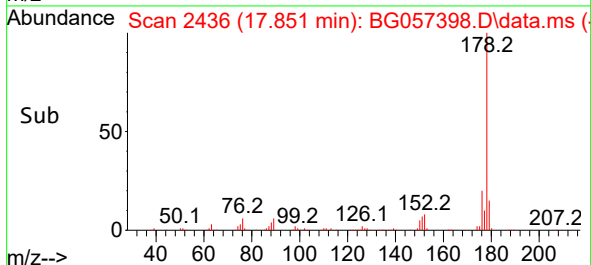
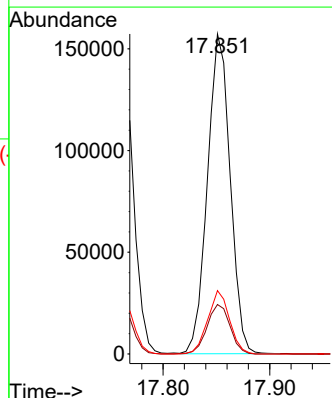
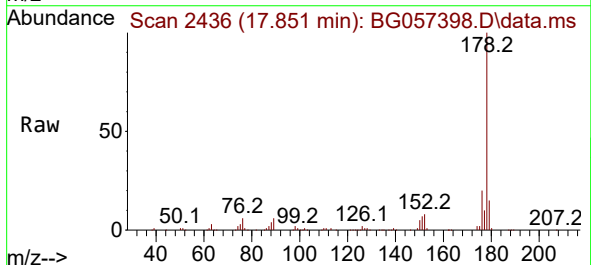
Tgt Ion:178 Resp: 232597

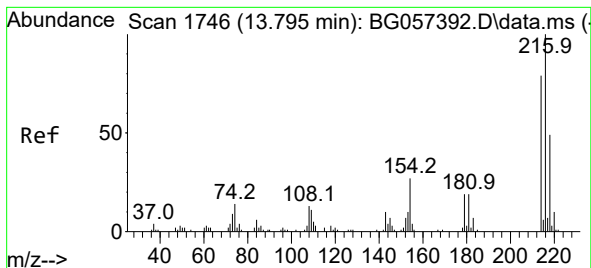
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.8 14.7 22.1

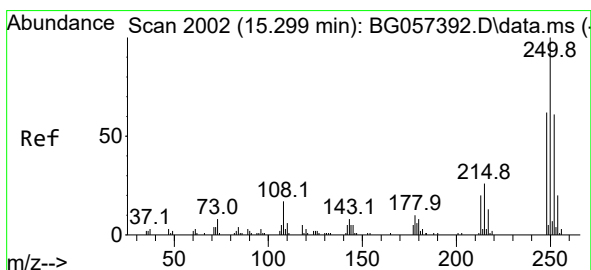
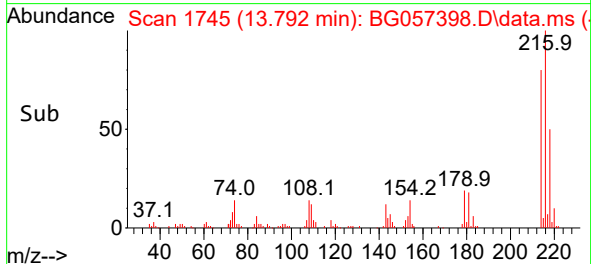
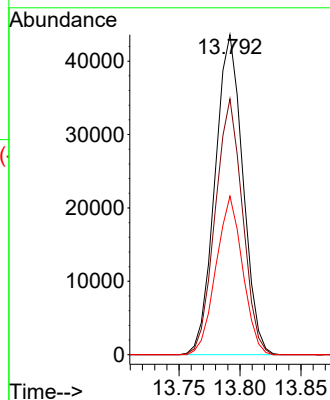
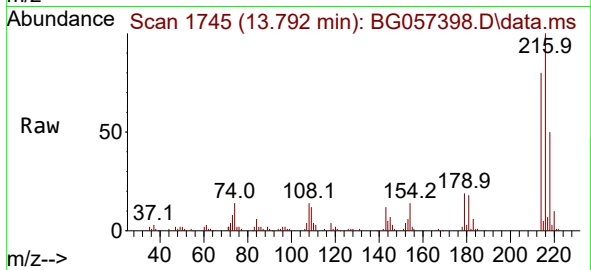




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.695 ng/uL
RT: 13.792 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

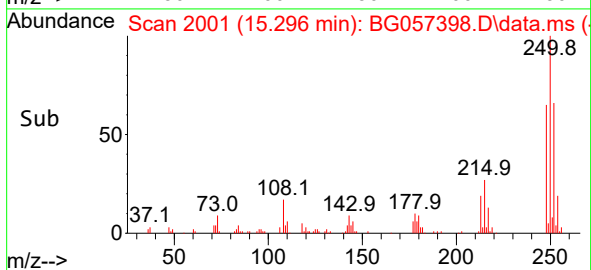
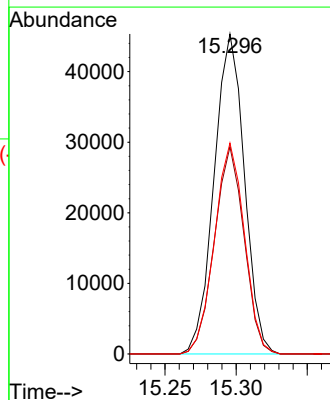
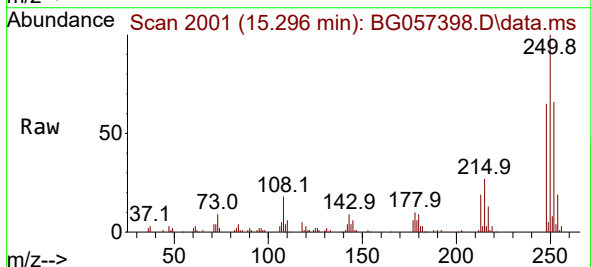
Instrument :
BNA_G
ClientSampleId :
SLCS703

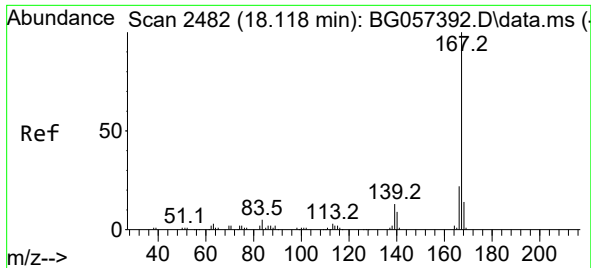
Tgt Ion:216 Resp: 69443
Ion Ratio Lower Upper
216 100
214 80.0 64.3 96.5
218 49.5 38.5 57.7



#76
Pentachlorobenzene
Concen: 36.730 ng/uL
RT: 15.296 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:250 Resp: 67096
Ion Ratio Lower Upper
250 100
248 64.7 52.2 78.2
252 65.9 52.5 78.7

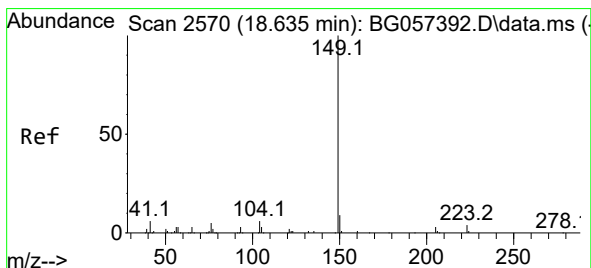
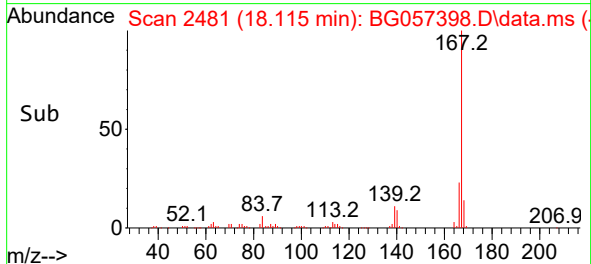
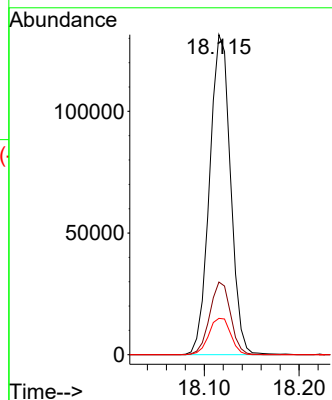
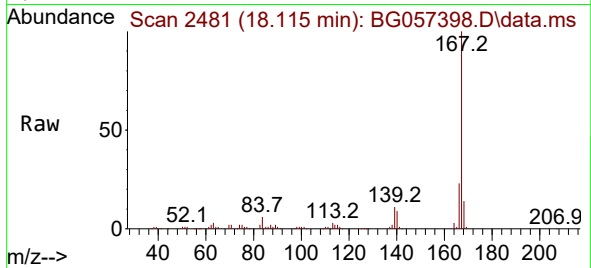




#77
 Carbazole
 Concen: 38.711 ng/ul
 RT: 18.115 min Scan# 2481
 Delta R.T. -0.003 min
 Lab File: BG057398.D
 Acq: 11 May 2023 14:00

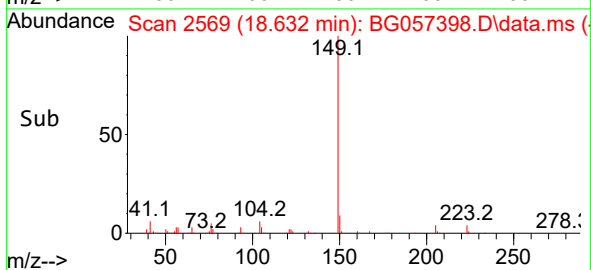
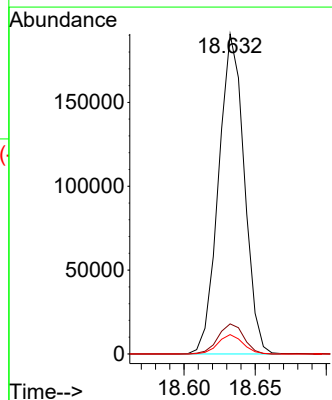
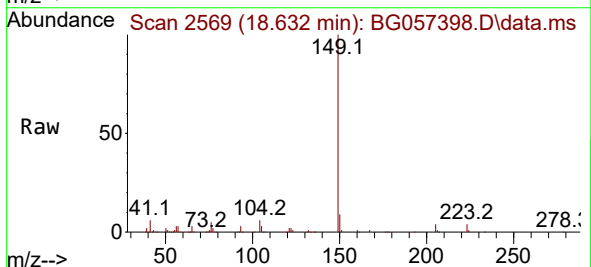
Instrument :
 BNA_G
 ClientSampleId :
 SLCS703

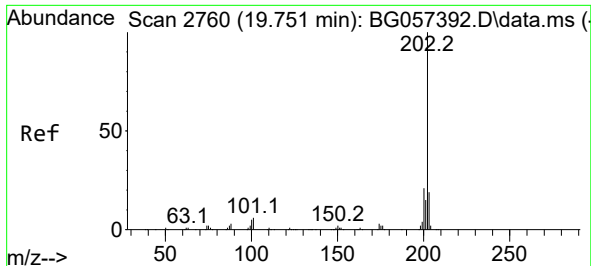
Tgt Ion:167 Resp: 201912
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 11.3 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 40.145 ng/ul
 RT: 18.632 min Scan# 2569
 Delta R.T. -0.003 min
 Lab File: BG057398.D
 Acq: 11 May 2023 14:00

Tgt Ion:149 Resp: 239443
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 6.0 5.0 7.6

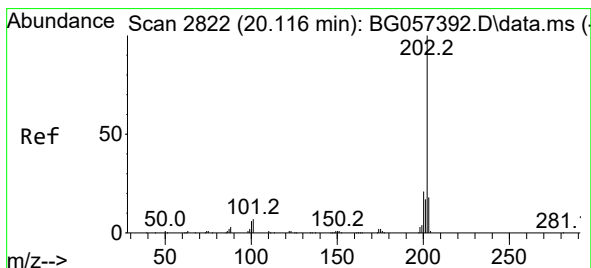
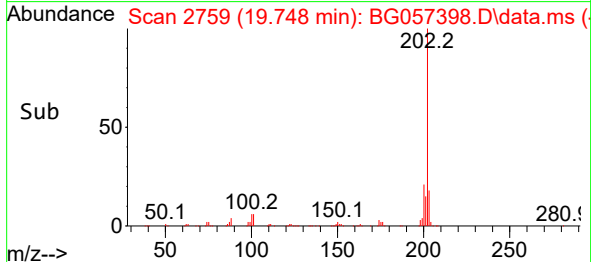
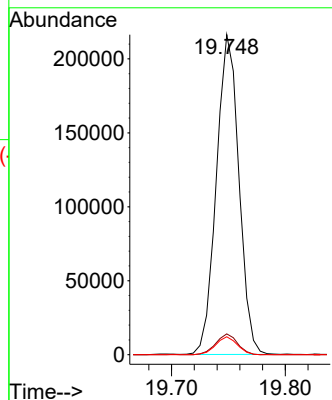
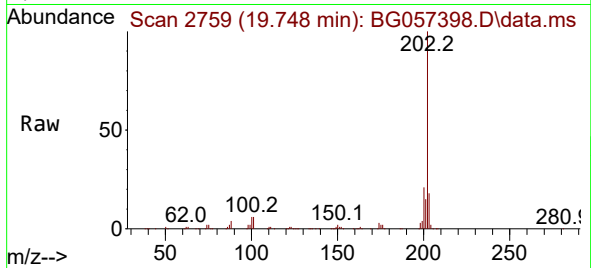




#80
Fluoranthene
Concen: 38.219 ng/ul
RT: 19.748 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

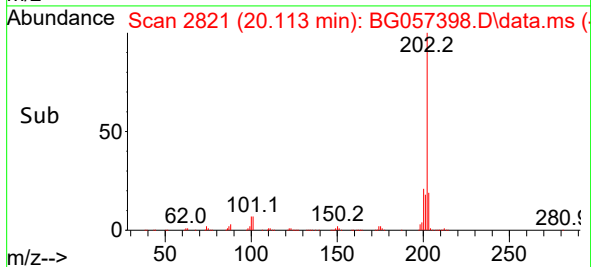
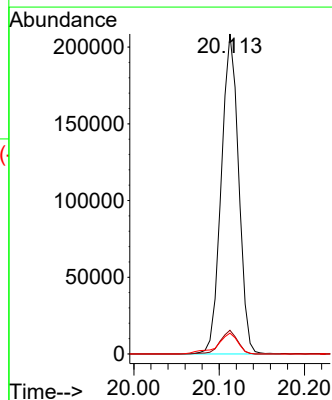
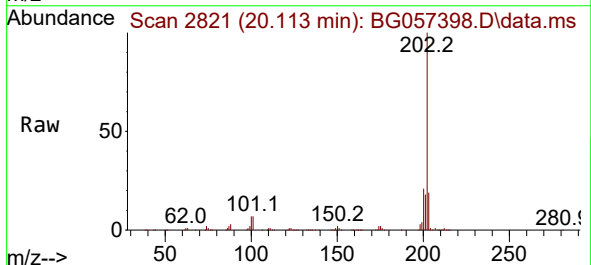
Instrument :
BNA_G
ClientSampleId :
SLCS703

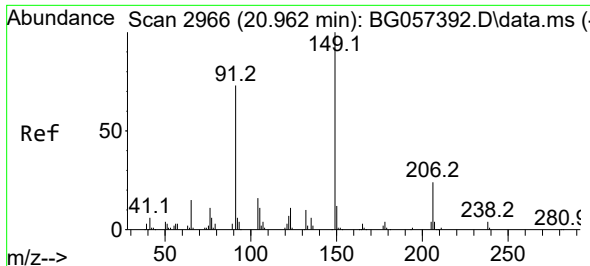
Tgt Ion:202 Resp: 298475
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.6
100 5.6 4.6 7.0



#82
Pyrene
Concen: 37.283 ng/ul
RT: 20.113 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:202 Resp: 294757
Ion Ratio Lower Upper
202 100
101 7.4 5.7 8.5
100 6.5 6.0 9.0

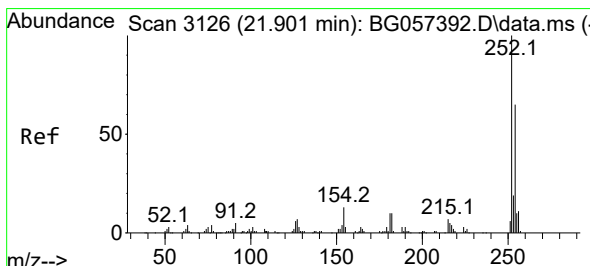
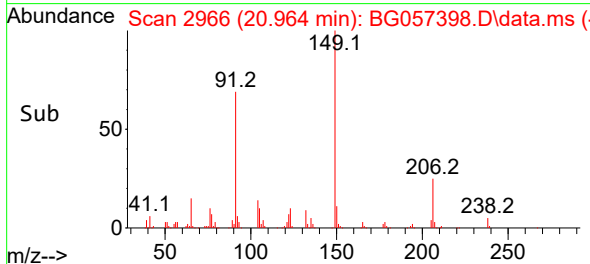
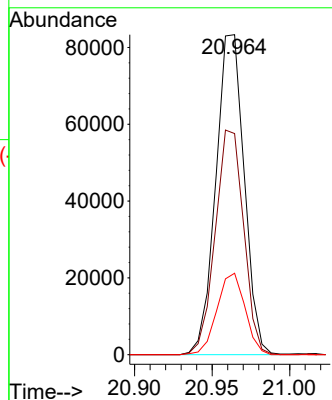
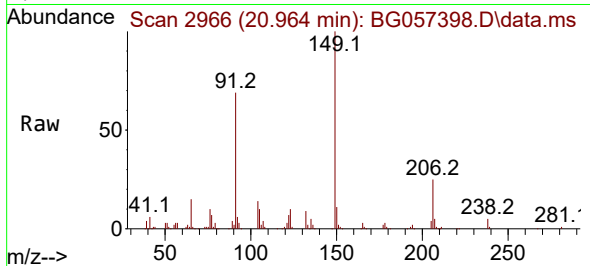




#83
Butylbenzylphthalate
Concen: 42.053 ng/ul
RT: 20.964 min Scan# 2966
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

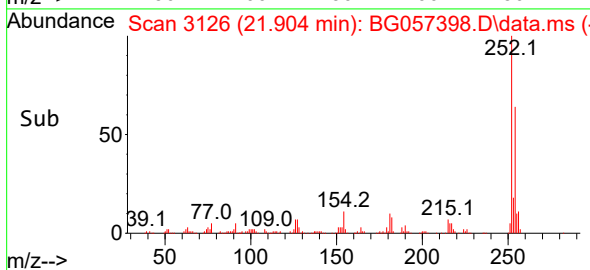
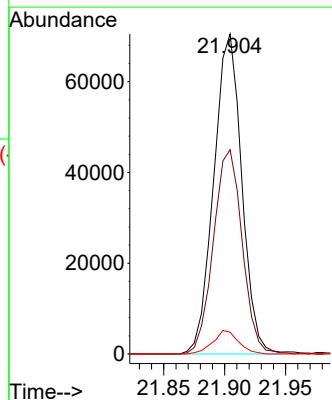
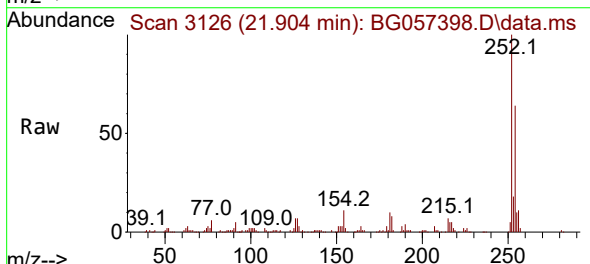
Instrument :
BNA_G
ClientSampleId :
SLCS703

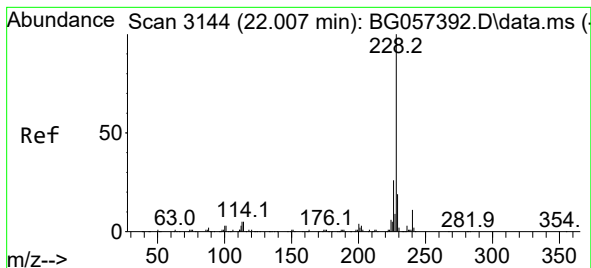
Tgt Ion:149 Resp: 106472
Ion Ratio Lower Upper
149 100
91 69.1 58.6 87.8
206 25.5 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 45.794 ng/ul
RT: 21.904 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:252 Resp: 112646
Ion Ratio Lower Upper
252 100
254 63.8 53.7 80.5
126 6.8 5.2 7.8





#85

Benzo(a)anthracene

Concen: 38.532 ng/ul

RT: 22.004 min Scan# 3144

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

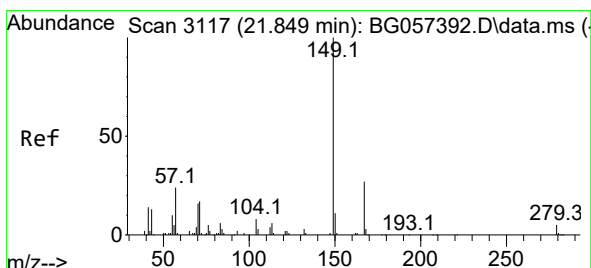
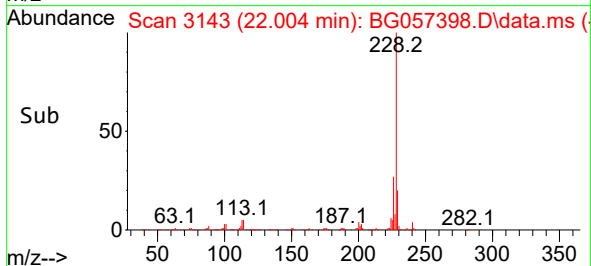
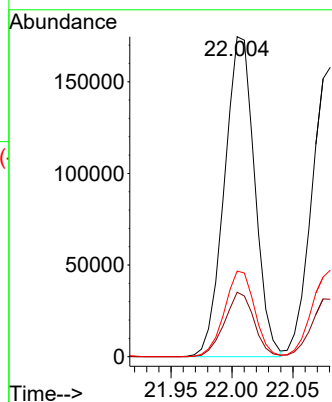
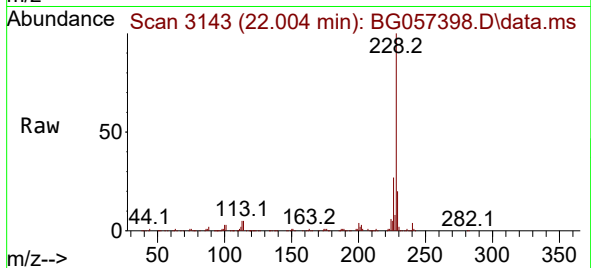
Tgt Ion:228 Resp: 301843

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 26.8 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.645 ng/ul

RT: 21.852 min Scan# 3117

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

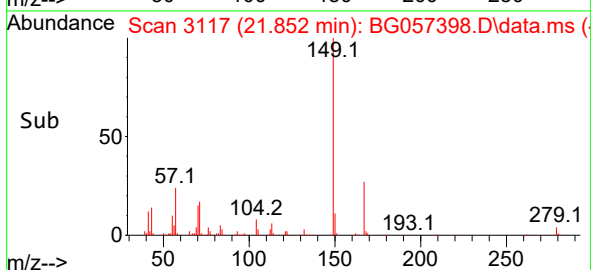
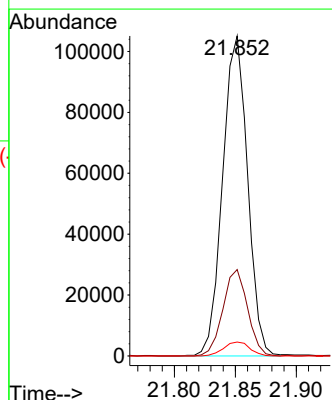
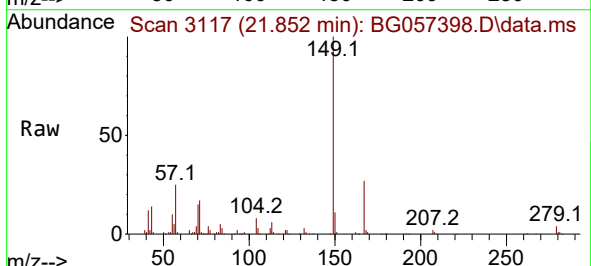
Tgt Ion:149 Resp: 149669

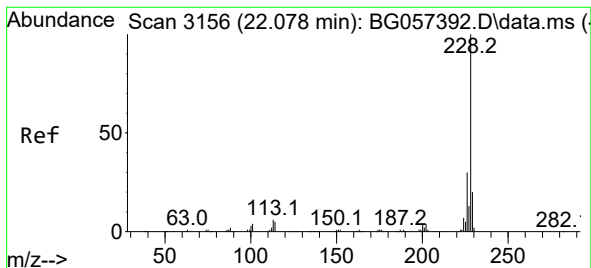
Ion Ratio Lower Upper

149 100

167 27.0 23.0 34.6

279 4.3 3.6 5.4





#87

Chrysene

Concen: 37.822 ng/ul

RT: 22.081 min Scan# 3156

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

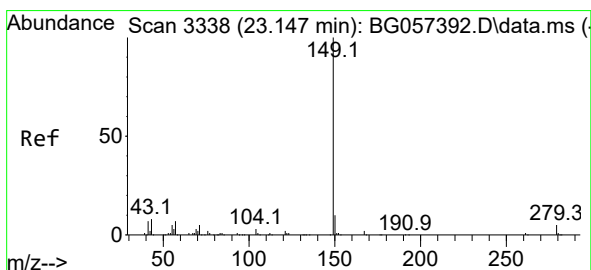
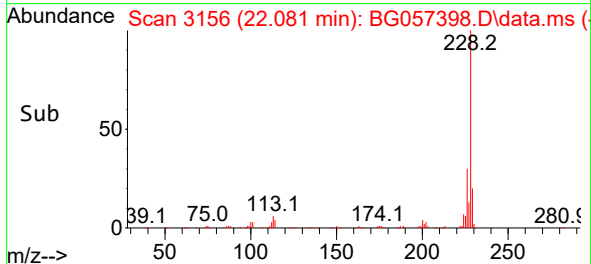
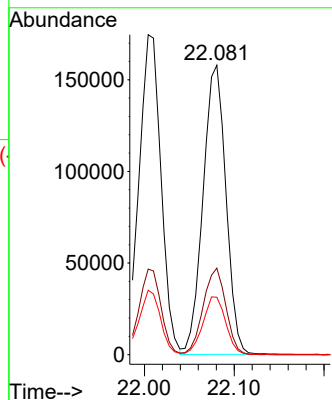
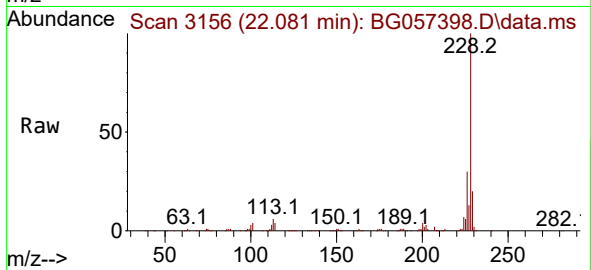
Tgt Ion:228 Resp: 279533

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 38.018 ng/ul

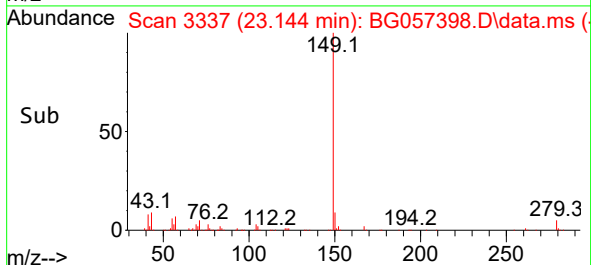
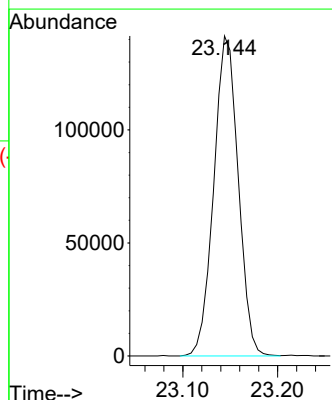
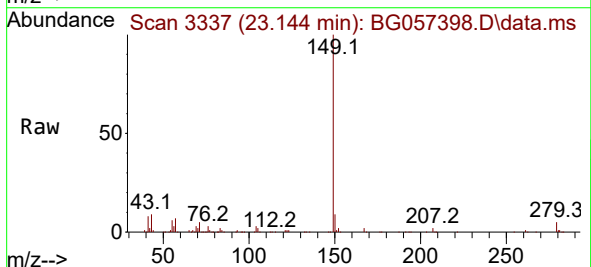
RT: 23.144 min Scan# 3337

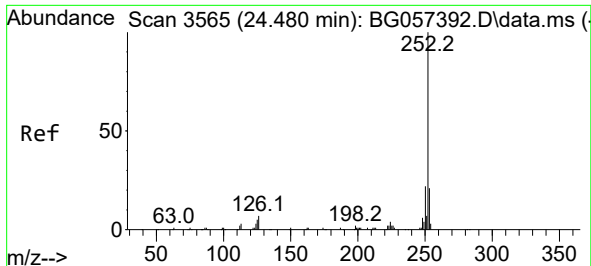
Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Tgt Ion:149 Resp: 253801

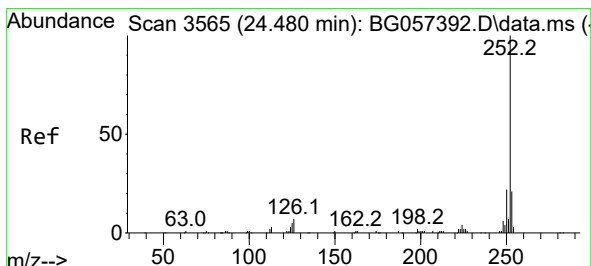
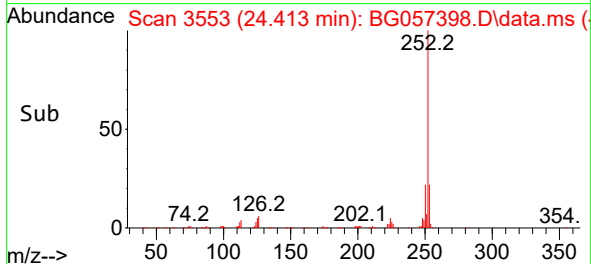
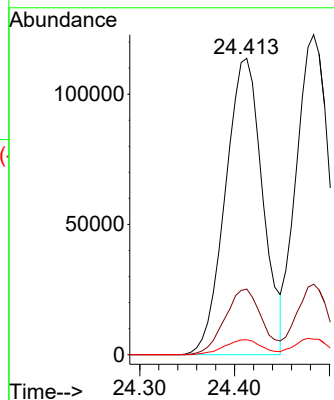
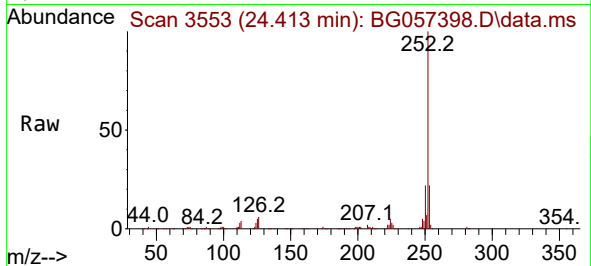




#90
Benzo(b)fluoranthene
Concen: 37.210 ng/ul
RT: 24.413 min Scan# 311504
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

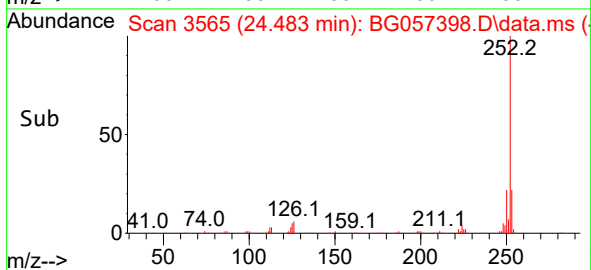
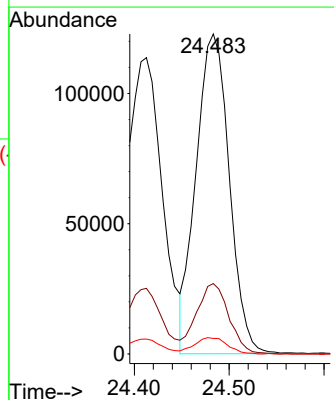
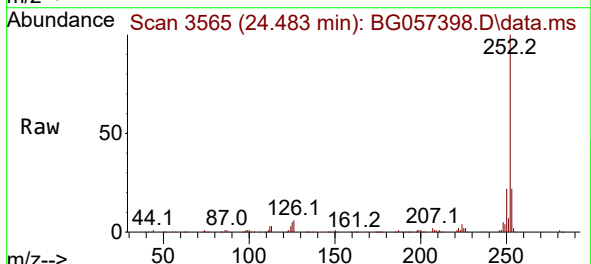
Instrument :
BNA_G
ClientSampleId :
SLCS703

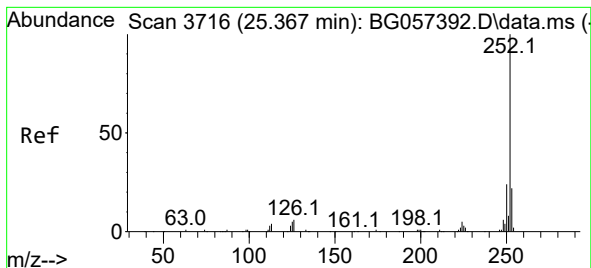
Tgt Ion:252 Resp: 311504
Ion Ratio Lower Upper
252 100
253 22.2 16.7 25.1
125 5.0 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 36.690 ng/ul
RT: 24.483 min Scan# 3565
Delta R.T. 0.003 min
Lab File: BG057398.D
Acq: 11 May 2023 14:00

Tgt Ion:252 Resp: 298821
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 4.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 36.853 ng/ul

RT: 25.370 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

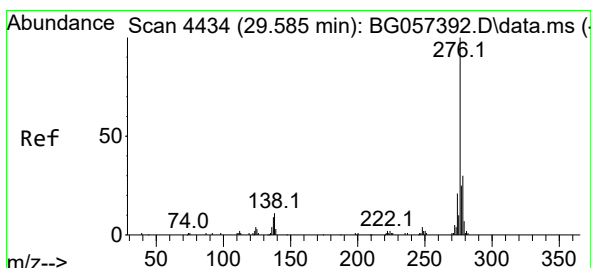
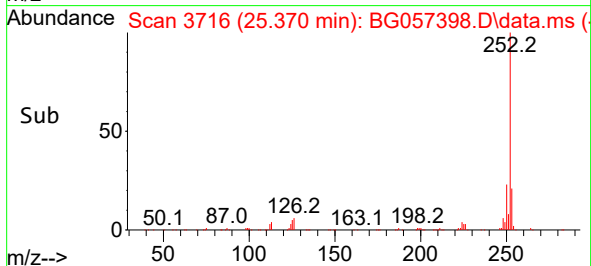
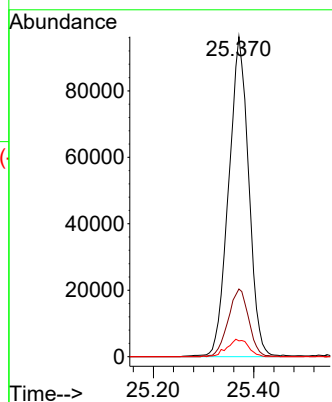
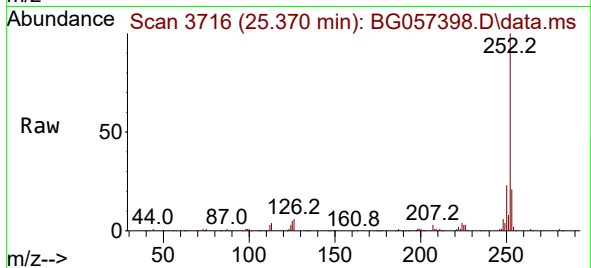
Tgt Ion:252 Resp: 266352

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

125 5.0 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.720 ng/ul

RT: 29.588 min Scan# 4434

Delta R.T. 0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

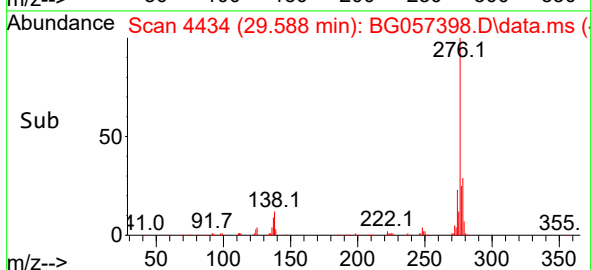
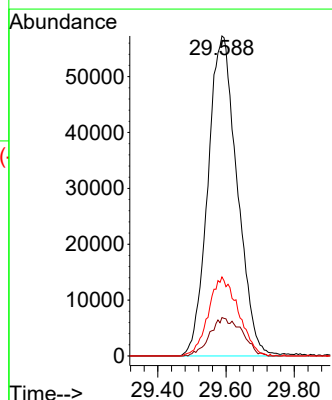
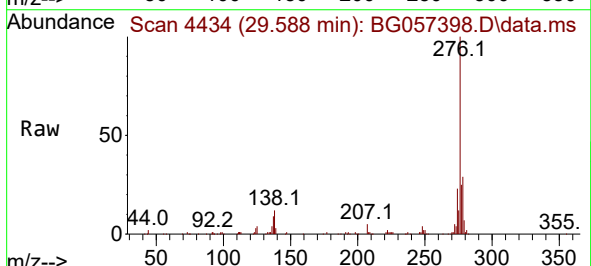
Tgt Ion:276 Resp: 340781

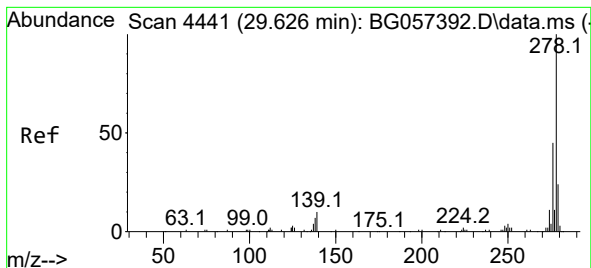
Ion Ratio Lower Upper

276 100

138 12.0 9.4 14.2

277 24.7 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 37.767 ng/ul

RT: 29.641 min Scan# 4443

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Instrument :

BNA_G

ClientSampleId :

SLCS703

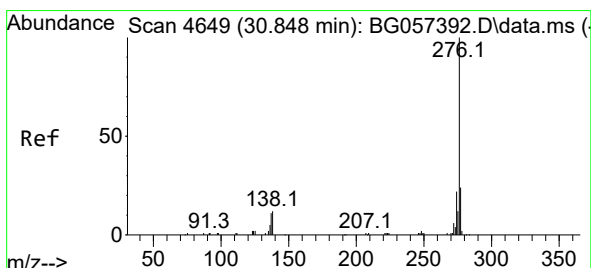
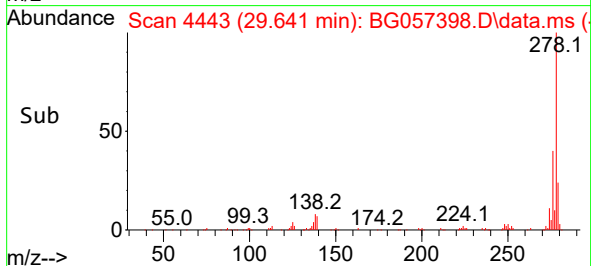
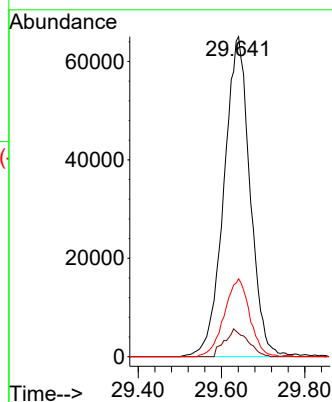
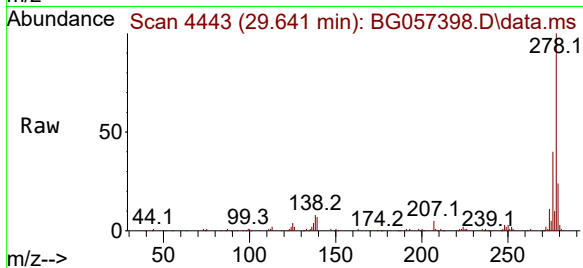
Tgt Ion:278 Resp: 282929

Ion Ratio Lower Upper

278 100

139 7.2 5.8 8.6

279 24.3 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 37.475 ng/ul

RT: 30.851 min Scan# 4649

Delta R.T. -0.003 min

Lab File: BG057398.D

Acq: 11 May 2023 14:00

Tgt Ion:276 Resp: 274009

Ion Ratio Lower Upper

276 100

138 11.4 8.7 13.1

277 24.9 18.4 27.6

