

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057326.D
 Acq On : 8 May 2023 11:12
 Operator : CG/JU
 Sample : 02589-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

Quant Time: May 09 00:09:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	14669	20.000	ng/u1	0.00
20) Naphthalene-d8	11.210	136	66189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	52593	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.725	188	129774	20.000	ng/u1	0.00
79) Chrysene-d12	22.043	240	115230	20.000	ng/u1	0.00
88) Perylene-d12	25.561	264	117119	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	434	1.302	ng/uL	0.01
4) Pyridine-d5	4.096	84	129	0.123	ng/u1	0.00
7) Phenol-d5	7.515	99	13627	9.823	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	8320	10.197	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	10544	11.534	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	10480	9.940	ng/u1	0.00
21) Nitrobenzene-d5	9.548	128	5330	10.112	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	6870	11.168	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	13595	11.455	ng/u1	0.00
31) 4-Chloroaniline-d4	11.339	131	8747	5.561	ng/u1	0.00
46) Dimethylphthalate-d6	14.371	166	45137	10.831	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	53274	11.374	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	3875	6.388	ng/u1	0.00
60) Fluorene-d10	15.974	176	45030	11.599	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.092	200	6651	8.650	ng/u1	0.00
73) Anthracene-d10	17.825	188	70626	11.923	ng/u1	0.00
81) Pyrene-d10	20.092	212	88369	12.920	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.315	264	75292	12.618	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.685	88	1739	4.919	ng/uL#	69
6) Benzaldehyde	7.503	77	9366	22.105	ng/u1	89
8) Phenol	7.545	94	16204	11.589	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.774	93	12054	11.519	ng/u1	90
12) 2-Chlorophenol	7.938	128	11975	12.471	ng/u1	93
13) 2-Methylphenol	8.813	108	12379	11.424	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.890	45	13277	9.841	ng/u1	96
16) Acetophenone	9.201	105	21373	11.780	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.172	70	11347	10.883	ng/u1#	94
18) 4-Methylphenol	9.136	108	13737	11.712	ng/u1	93
19) Hexachloroethane	9.471	117	4790	11.923	ng/u1	84
22) Nitrobenzene	9.595	77	17041	10.857	ng/u1	95
23) Isophorone	10.112	82	32211	10.786	ng/u1	96
25) 2-Nitrophenol	10.317	139	7387	11.856	ng/u1	96
26) 2,4-Dimethylphenol	10.352	107	13068	9.246	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.587	93	16601	10.694	ng/u1	99
29) 2,4-Dichlorophenol	10.852	162	14075	12.494	ng/u1	97
30) Naphthalene	11.263	128	43032	11.841	ng/u1	98
32) 4-Chloroaniline	11.363	127	14917	9.101	ng/u1	92
33) Hexachlorobutadiene	11.533	225	11227	11.750	ng/u1	93
34) Caprolactam	12.109	113	4265	11.246	ng/u1	95
35) 4-Chloro-3-methylphenol	12.461	107	15756	12.156	ng/u1	97
36) 2-Methylnaphthalene	12.837	142	31665	11.881	ng/u1	97
37) 1-Methylnaphthalene	13.055	142	33074	12.342	ng/u1	93

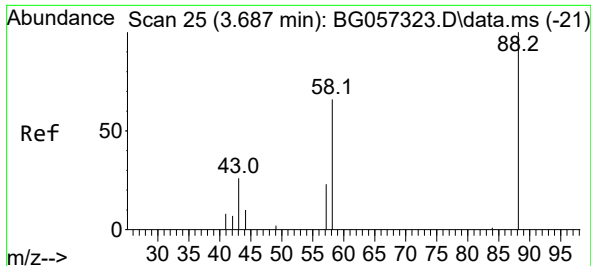
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.202	216	23431	12.260	ng/ul	93
40) Hexachlorocyclopentadiene	13.166	237	1059	1.110	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.437	196	13951	12.533	ng/ul	95
42) 2,4,5-Trichlorophenol	13.437	196	10806	9.042	ng/ul	91
43) 1,1'-Biphenyl	13.824	154	47116	11.741	ng/ul#	98
44) 2-Chloronaphthalene	13.877	162	37883	12.175	ng/ul	97
45) 2-Nitroaniline	14.071	65	10931	11.637	ng/ul	86
47) Dimethylphthalate	14.418	163	50407	12.045	ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	10140	11.774	ng/ul	97
50) Acenaphthylene	14.717	152	57549	12.091	ng/ul	97
51) 3-Nitroaniline	14.888	138	8940	14.650	ng/ul	99
52) Acenaphthene	15.052	153	39874	11.758	ng/ul	96
53) 2,4-Dinitrophenol	15.105	184	2990	6.519	ng/ul	99
55) 4-Nitrophenol	15.193	109	6650	9.671	ng/ul	96
56) Dibenzofuran	15.381	168	59953	12.242	ng/ul	100
57) 2,4-Dinitrotoluene	15.340	165	15485	12.560	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.610	232	13538	12.467	ng/ul#	94
59) Diethylphthalate	15.763	149	50020	11.765	ng/ul	100
61) Fluorene	16.027	166	50594	12.218	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.004	204	28650	11.854	ng/ul	98
63) 4-Nitroaniline	16.039	138	9909	17.147	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.109	198	8136	10.384	ng/ul#	94
67) N-Nitrosodiphenylamine	16.215	169	42956	12.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.897	248	19677	12.686	ng/ul	99
69) Hexachlorobenzene	17.032	284	21631	13.243	ng/ul	98
70) Atrazine	17.149	200	17339	11.508	ng/ul	95
71) Pentachlorophenol	17.384	266	5552	7.354	ng/ul	93
72) Phenanthrene	17.772	178	86650	12.822	ng/ul	100
74) Anthracene	17.860	178	85441	12.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.801	216	24240	12.419	ng/uL	95
76) Pentachlorobenzene	15.305	250	24431	12.296	ng/uL	95
77) Carbazole	18.124	167	74930	13.208	ng/ul	98
78) Di-n-butylphthalate	18.641	149	88746	13.680	ng/ul	98
80) Fluoranthene	19.757	202	109380	13.463	ng/ul	97
82) Pyrene	20.122	202	111748	13.586	ng/ul#	97
83) Butylbenzylphthalate	20.973	149	38048	14.445	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.913	252	28494	11.134	ng/ul	94
85) Benzo(a)anthracene	22.019	228	108641	13.331	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.860	149	53751	14.031	ng/ul	97
87) Chrysene	22.090	228	102588	13.342	ng/ul	96
89) Di-n-octyl phthalate	23.159	149	88688	13.713	ng/ul	100
90) Benzo(b)fluoranthene	24.428	252	108831	13.419	ng/ul	99
91) Benzo(k)fluoranthene	24.498	252	104810	13.283	ng/ul	98
93) Benzo(a)pyrene	25.385	252	91369	13.049	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.621	276	120405	13.756	ng/ul	98
95) Dibenzo(a,h)anthracene	29.673	278	99383	13.694	ng/ul	99
96) Benzo(g,h,i)perylene	30.889	276	81332	11.482	ng/ul	99

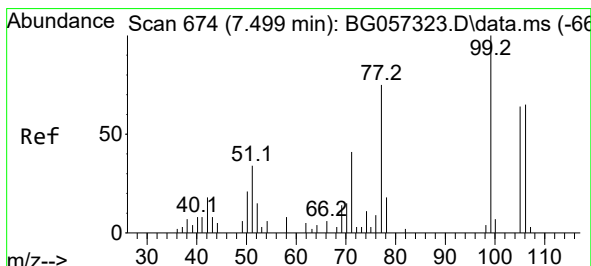
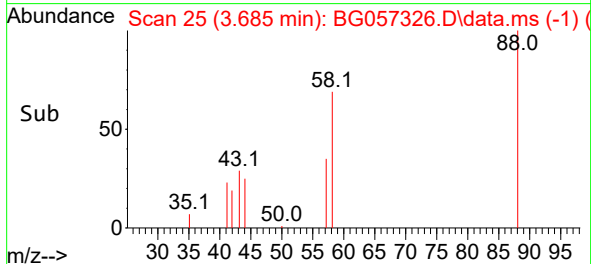
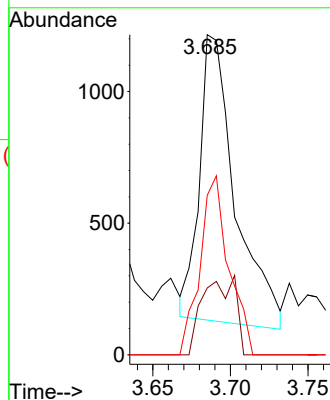
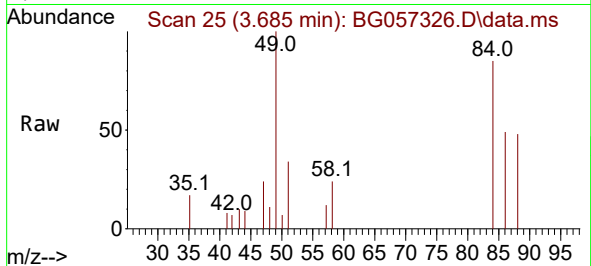
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#2
1,4-Dioxane
Concen: 4.919 ng/uL
RT: 3.685 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

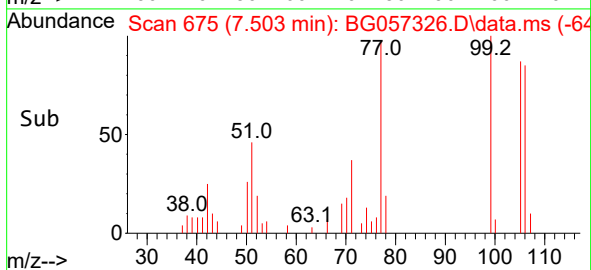
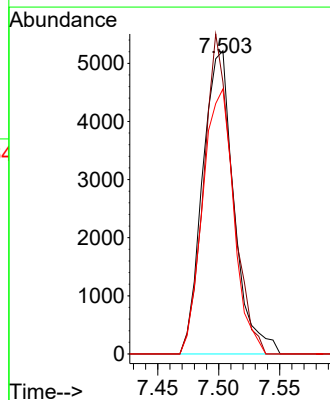
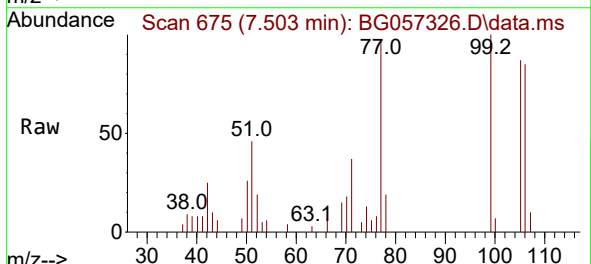
Instrument :
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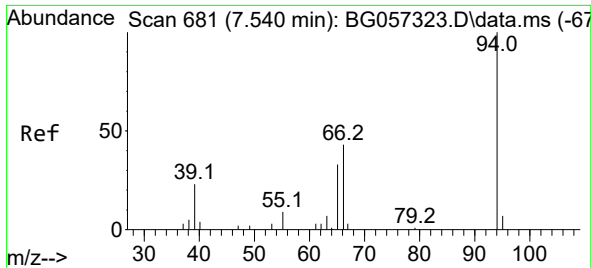
Tgt Ion: 88 Resp: 1739
Ion Ratio Lower Upper
88 100
43 20.9 28.2 42.4#
58 49.8 63.3 94.9#



#6
Benzaldehyde
Concen: 22.105 ng/uL
RT: 7.503 min Scan# 675
Delta R.T. 0.004 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion: 77 Resp: 9366
Ion Ratio Lower Upper
77 100
105 89.7 79.8 119.6
106 87.4 78.7 118.1

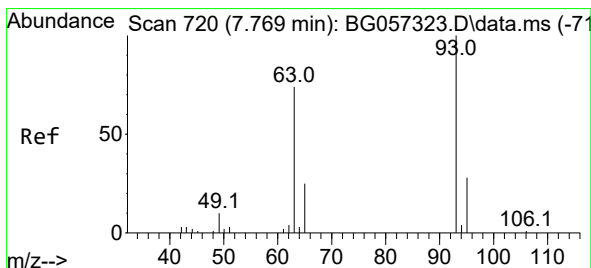
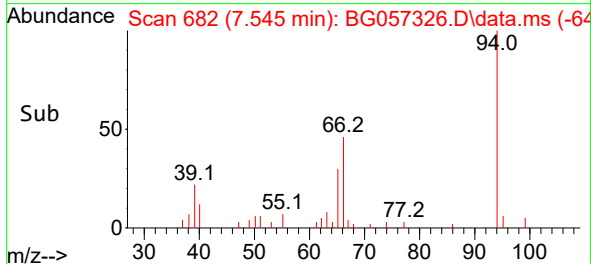
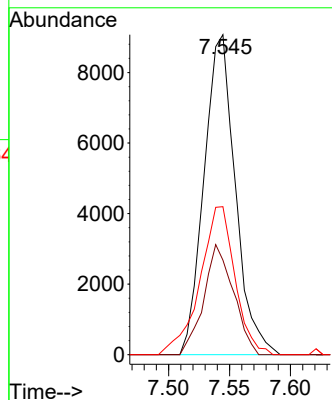
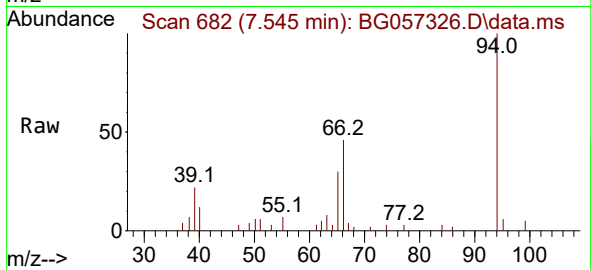




#8
Phenol
Concen: 11.589 ng/ul
RT: 7.545 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

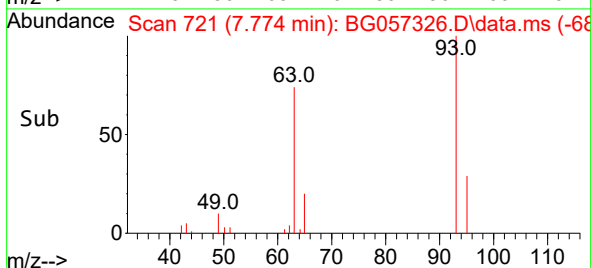
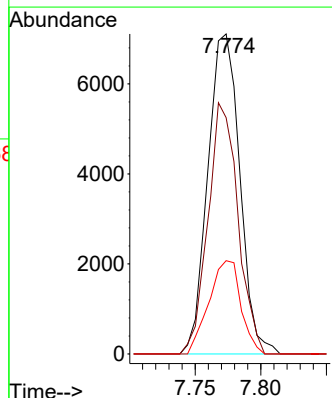
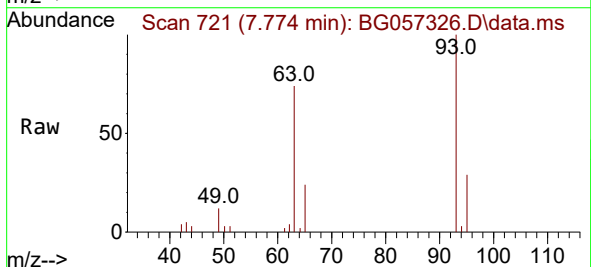
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ClientSampleId :
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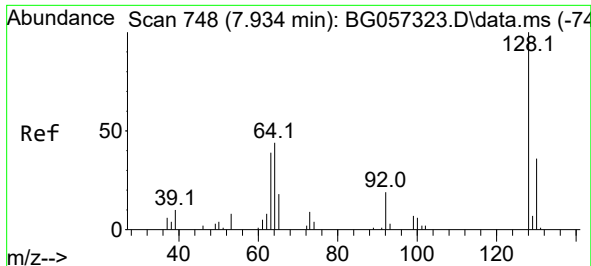
Tgt Ion: 94 Resp: 16204
Ion Ratio Lower Upper
94 100
65 29.5 25.5 38.3
66 46.2 36.9 55.3



#10
Bis(2-Chloroethyl)ether
Concen: 11.519 ng/ul
RT: 7.774 min Scan# 721
Delta R.T. 0.004 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion: 93 Resp: 12054
Ion Ratio Lower Upper
93 100
63 73.9 67.2 100.8
95 29.1 26.3 39.5

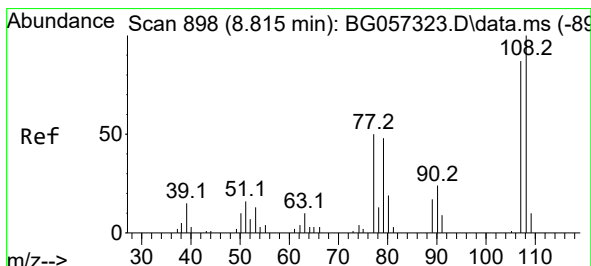
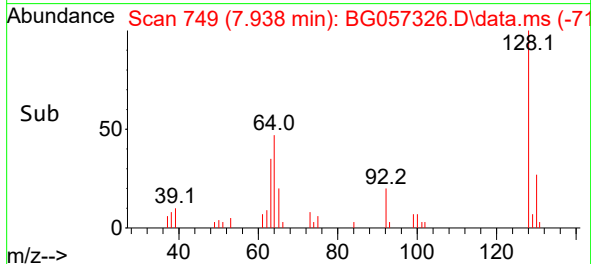
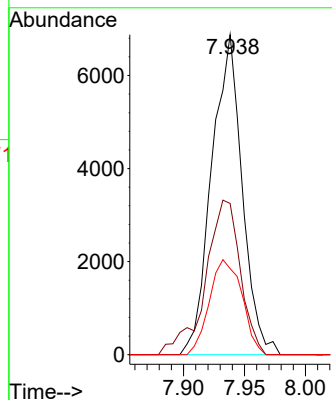
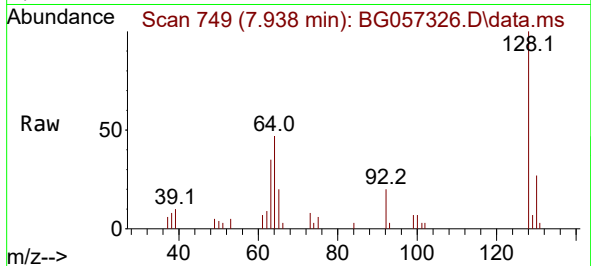




#12
2-Chlorophenol
Concen: 12.471 ng/ul
RT: 7.938 min Scan# 748
Delta R.T. 0.004 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

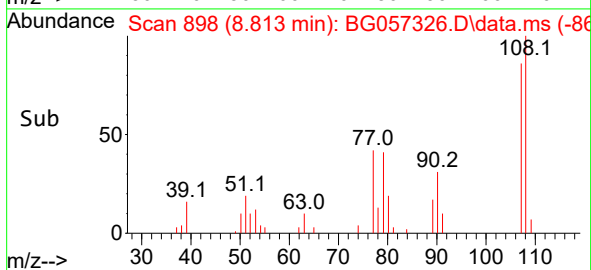
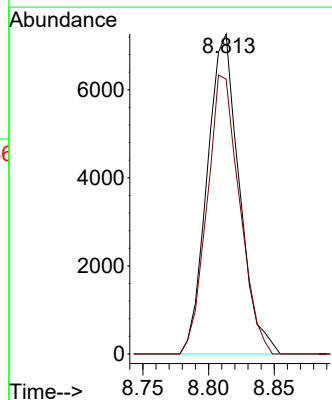
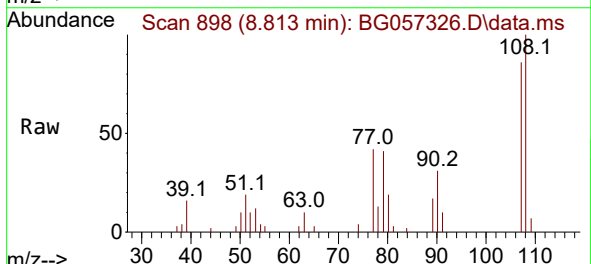
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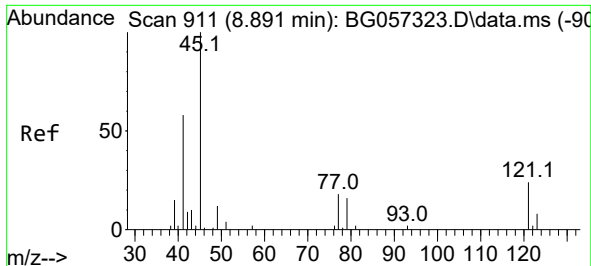
Tgt Ion:128 Resp: 11975
Ion Ratio Lower Upper
128 100
64 47.3 41.3 61.9
130 26.9 24.6 37.0



#13
2-Methylphenol
Concen: 11.424 ng/ul
RT: 8.813 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:108 Resp: 12379
Ion Ratio Lower Upper
108 100
107 85.8 80.0 120.0

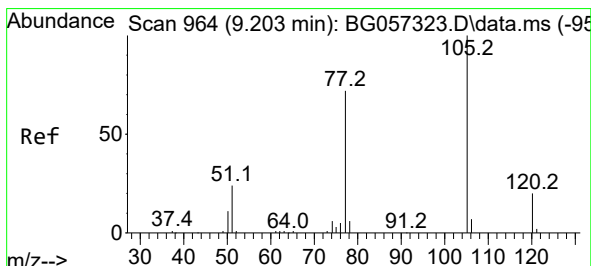
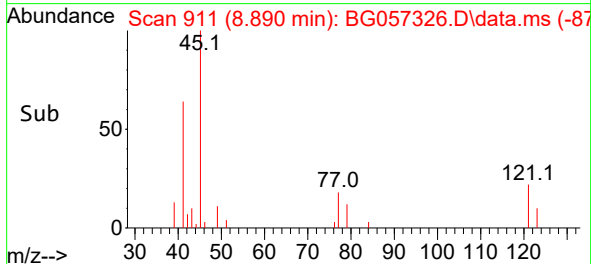
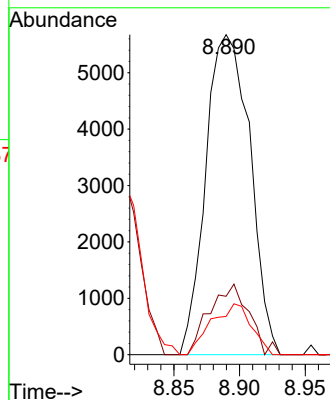
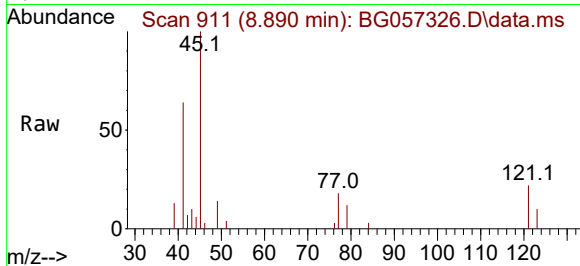




#14
2,2'-oxybis(1-Chloropropane)
Concen: 9.841 ng/ul
RT: 8.890 min Scan# 911
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

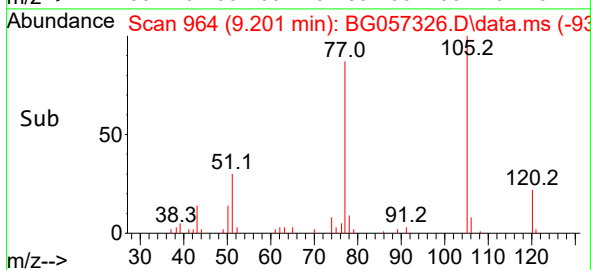
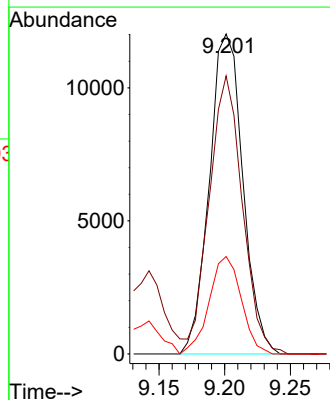
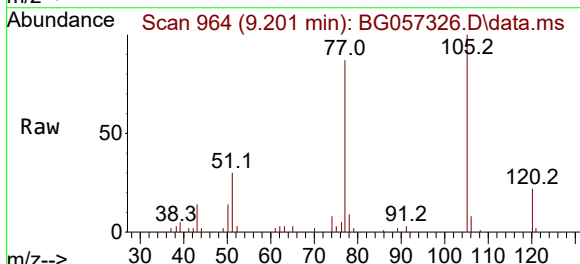
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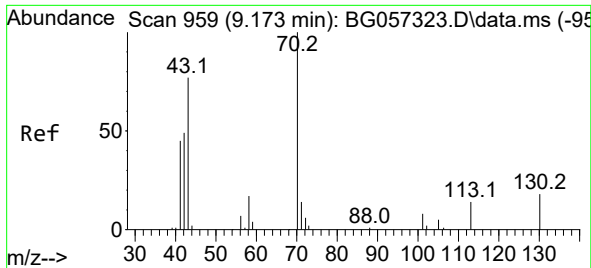
Tgt Ion:	45	Resp:	13277
Ion	Ratio	Lower	Upper
45	100		
77	18.3	12.9	19.3
79	11.9	8.9	13.3



#16
Acetophenone
Concen: 11.780 ng/ul
RT: 9.201 min Scan# 964
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:	105	Resp:	21373
Ion	Ratio	Lower	Upper
105	100		
77	86.9	70.6	105.8
51	30.4	24.5	36.7





#17

N-Nitroso-di-n-propylamine

Concen: 10.883 ng/ul

RT: 9.172 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

Tgt Ion: 70 Resp: 11347

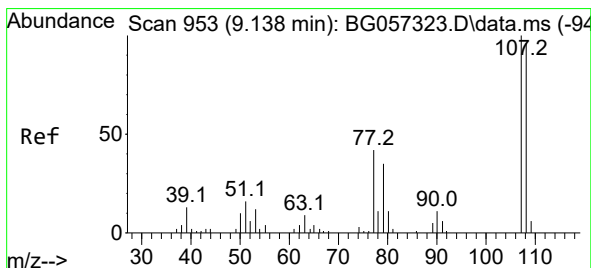
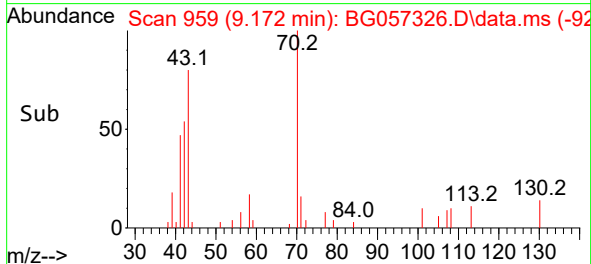
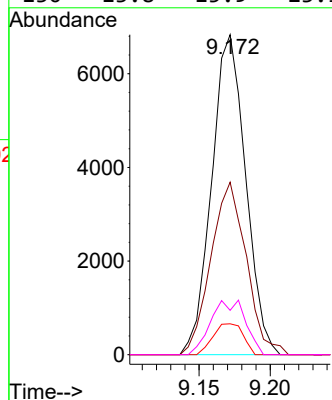
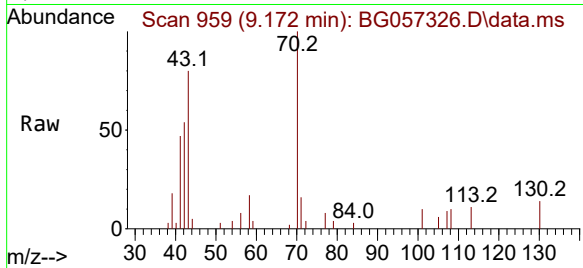
Ion Ratio Lower Upper

70 100

42 53.9 45.0 67.4

101 9.7 6.5 9.7

130 13.8 15.9 23.9#



#18

4-Methylphenol

Concen: 11.712 ng/ul

RT: 9.136 min Scan# 953

Delta R.T. -0.002 min

Lab File: BG057326.D

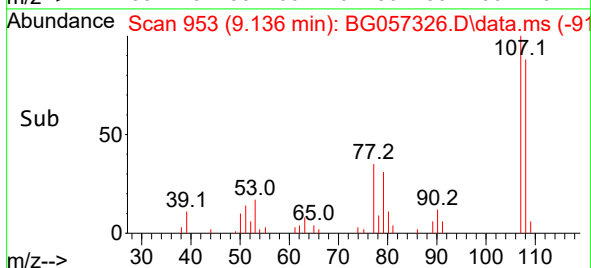
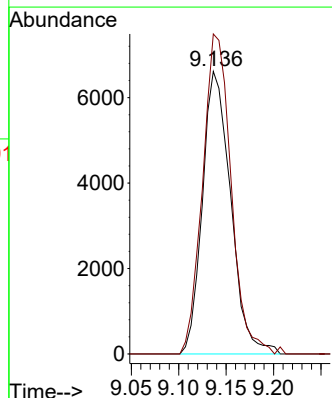
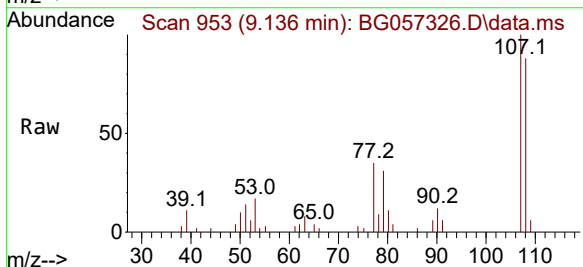
Acq: 8 May 2023 11:12

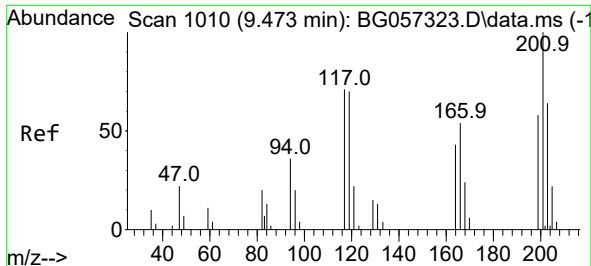
Tgt Ion:108 Resp: 13737

Ion Ratio Lower Upper

108 100

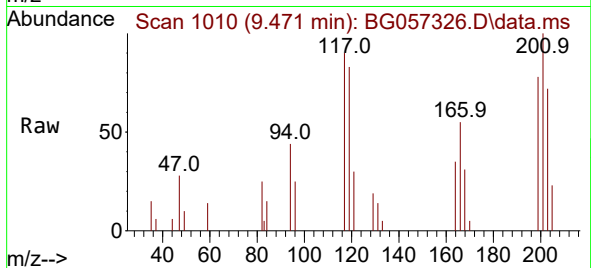
107 113.2 85.1 127.7



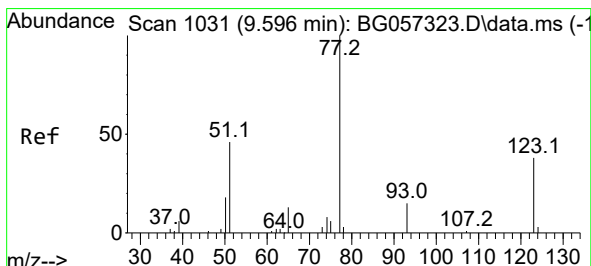
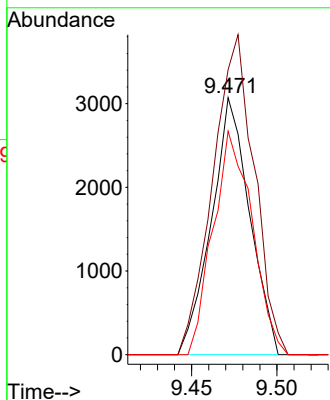
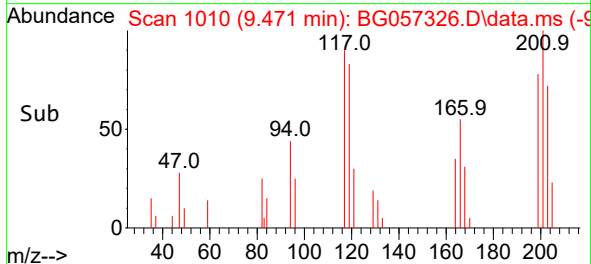


#19
Hexachloroethane
Concen: 11.923 ng/ul
RT: 9.471 min Scan# 1010
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Instrument :
BNA_G
ClientSampleId :
JREA1MS

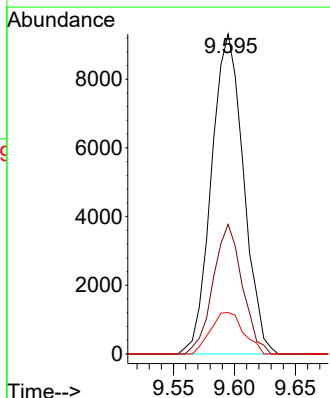
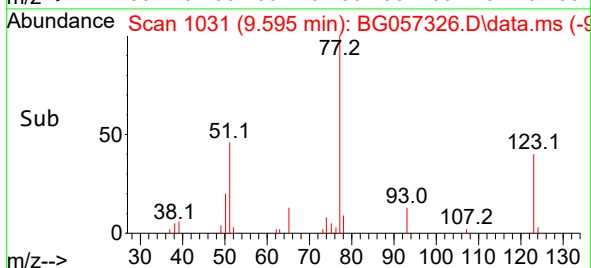
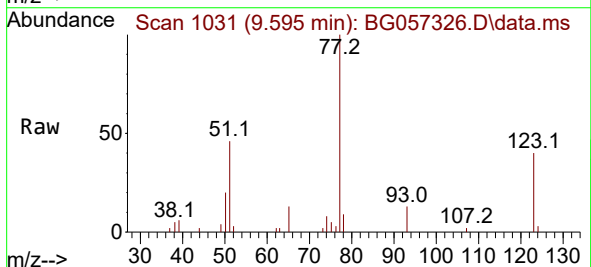


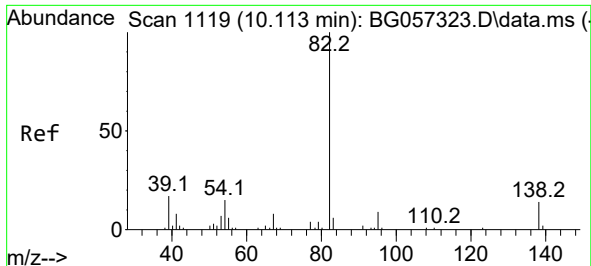
Tgt Ion:117 Resp: 4790
Ion Ratio Lower Upper
117 100
201 110.9 109.4 164.2
199 87.0 65.4 98.2



#22
Nitrobenzene
Concen: 10.857 ng/ul
RT: 9.595 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion: 77 Resp: 17041
Ion Ratio Lower Upper
77 100
123 40.5 29.6 44.4
65 12.9 11.4 17.0

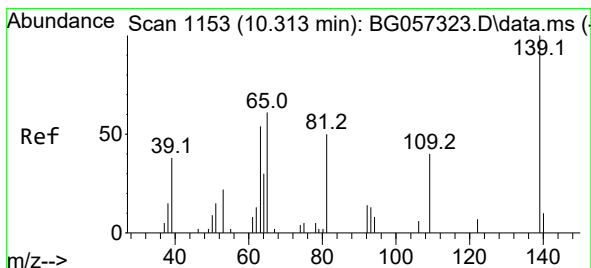
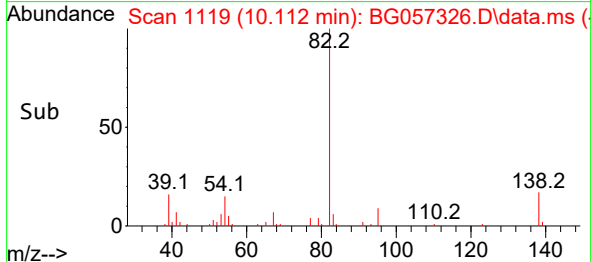
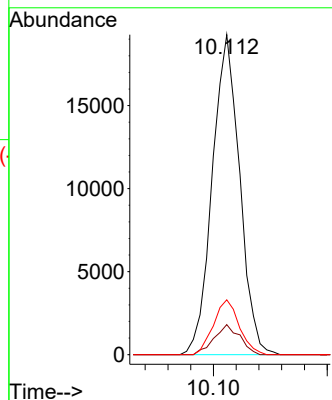
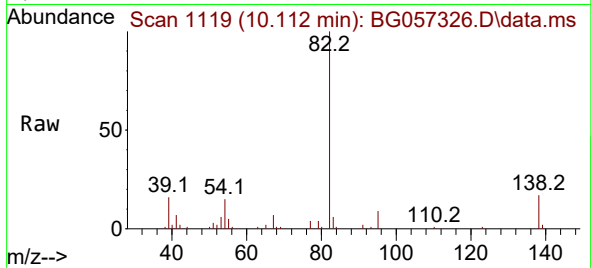




#23
Isophorone
Concen: 10.786 ng/ul
RT: 10.112 min Scan# 1119
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

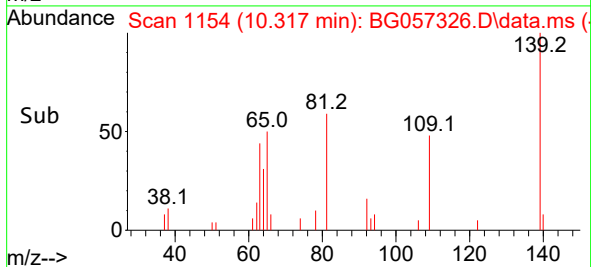
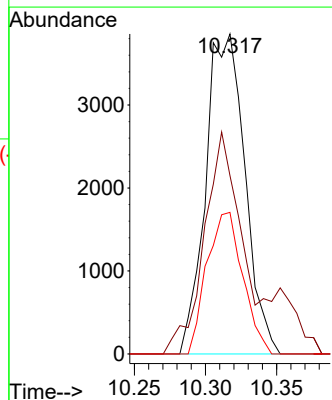
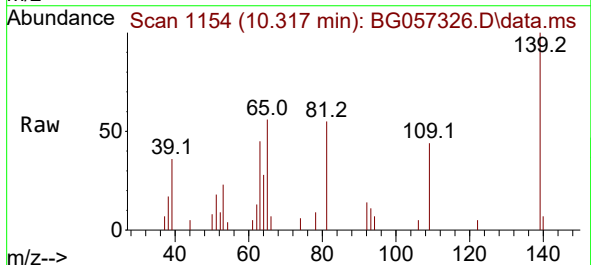
Instrument :
BNA_G
ClientSampleId :
JREA1MS

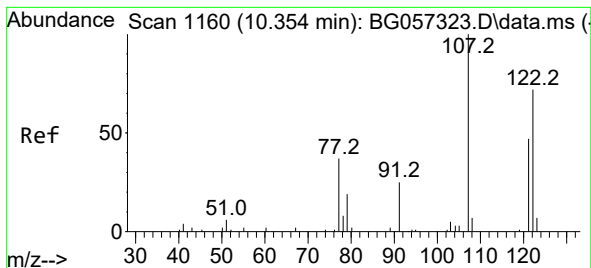
Tgt Ion: 82 Resp: 32211
Ion Ratio Lower Upper
82 100
95 9.4 6.8 10.2
138 17.2 12.2 18.2



#25
2-Nitrophenol
Concen: 11.856 ng/ul
RT: 10.317 min Scan# 1154
Delta R.T. 0.004 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:139 Resp: 7387
Ion Ratio Lower Upper
139 100
65 55.7 48.7 73.1
109 44.3 35.2 52.8

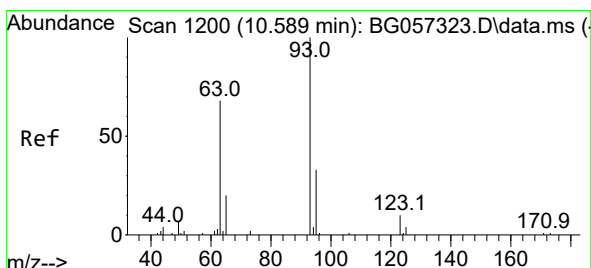
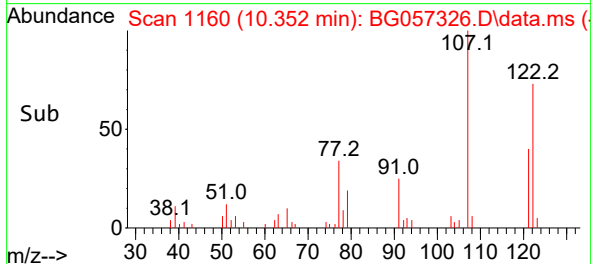
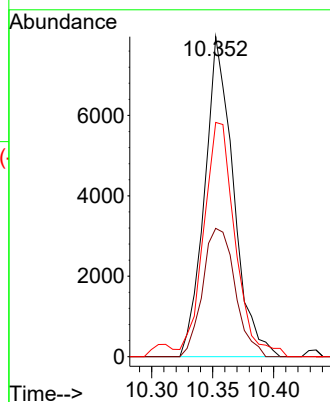
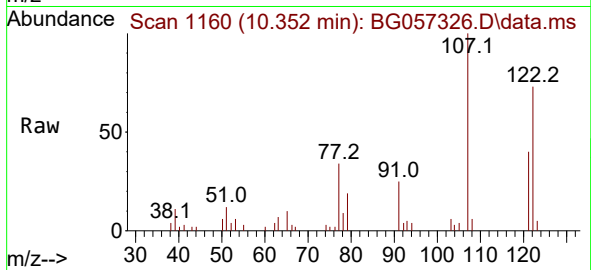




#26
2,4-Dimethylphenol
Concen: 9.246 ng/ul
RT: 10.352 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

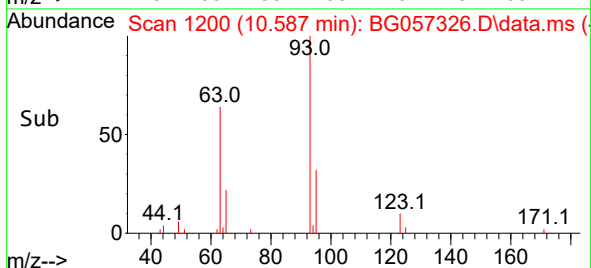
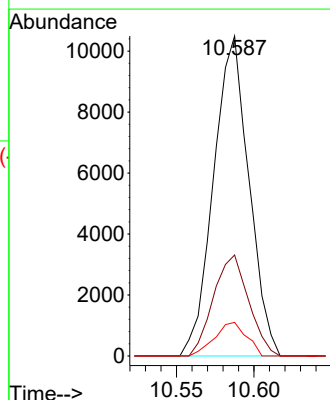
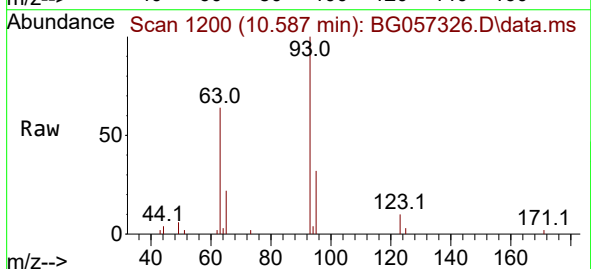
Instrument :
BNA_G
ClientSampleId :
JREA1MS

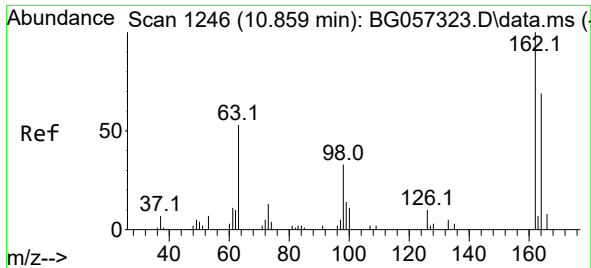
Tgt Ion:107 Resp: 13068
Ion Ratio Lower Upper
107 100
121 40.1 35.4 53.0
122 73.2 57.0 85.4



#27
Bis(2-Chloroethoxy)methane
Concen: 10.694 ng/ul
RT: 10.587 min Scan# 1200
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion: 93 Resp: 16601
Ion Ratio Lower Upper
93 100
95 31.5 24.8 37.2
123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 12.494 ng/ul

RT: 10.852 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

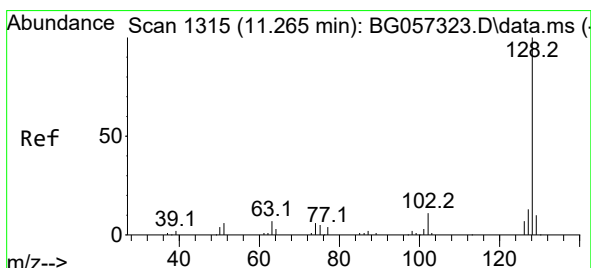
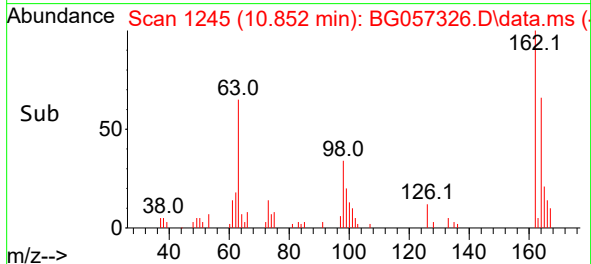
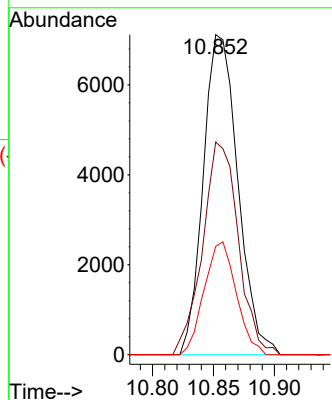
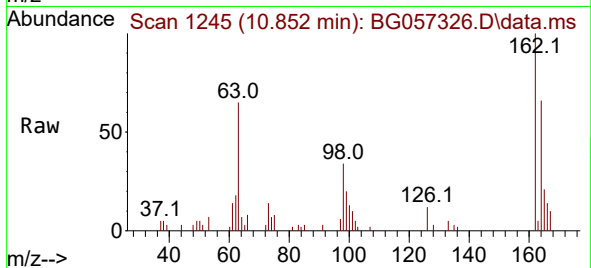
Tgt Ion:162 Resp: 14075

Ion Ratio Lower Upper

162 100

164 66.4 50.5 75.7

98 33.8 27.5 41.3



#30

Naphthalene

Concen: 11.841 ng/ul

RT: 11.263 min Scan# 1315

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

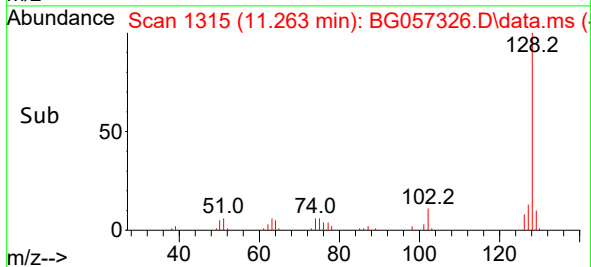
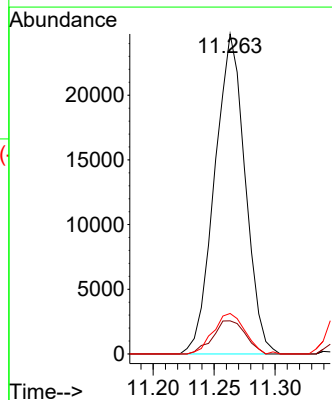
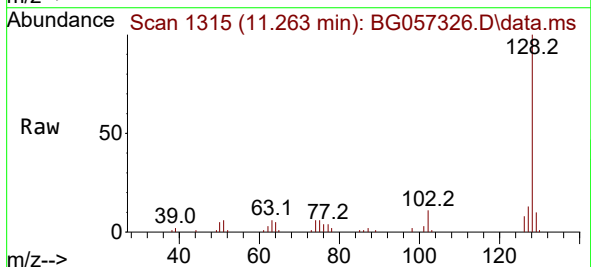
Tgt Ion:128 Resp: 43032

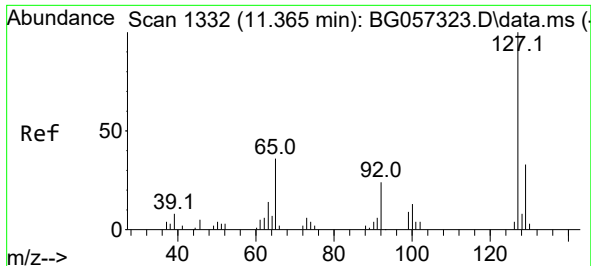
Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 12.6 11.4 17.0

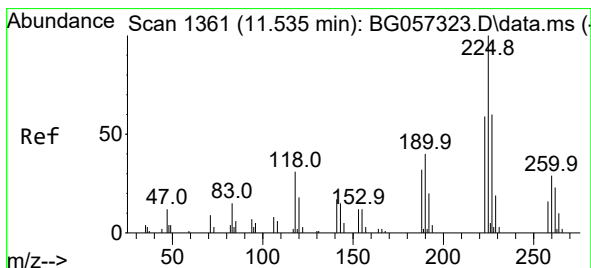
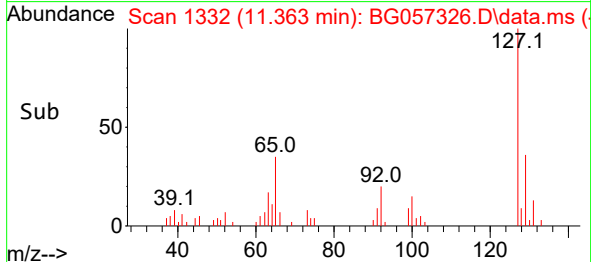
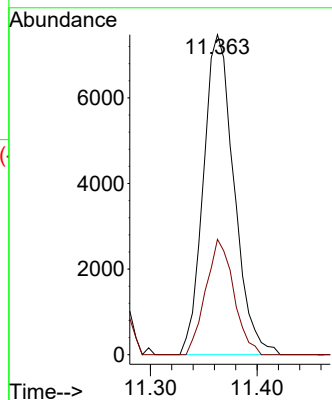
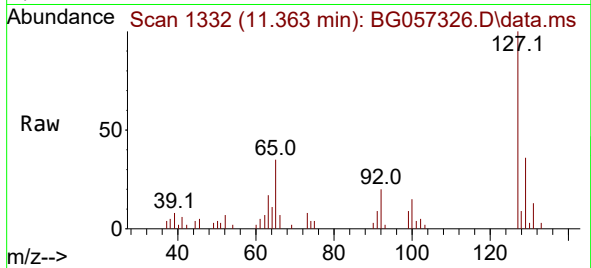




#32
4-Chloroaniline
Concen: 9.101 ng/ul
RT: 11.363 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

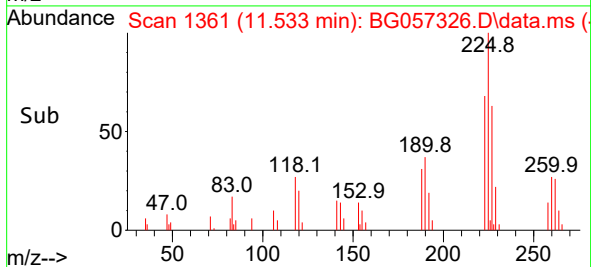
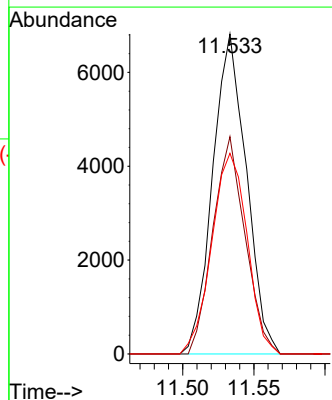
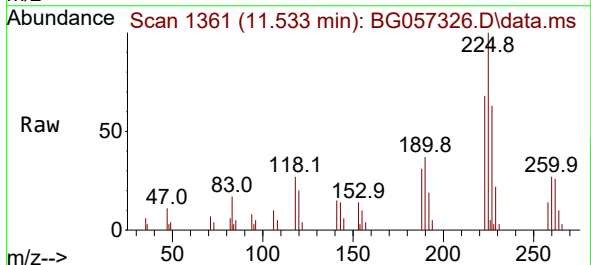
Instrument :
BNA_G
ClientSampleId :
JREA1MS

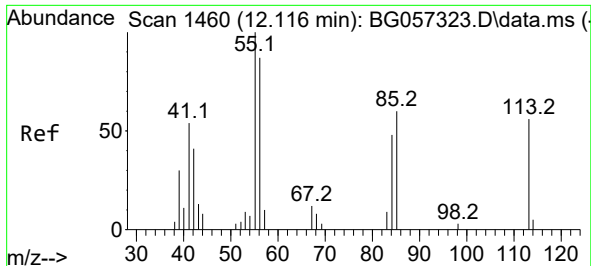
Tgt Ion:127 Resp: 14917
Ion Ratio Lower Upper
127 100
129 36.1 25.4 38.0



#33
Hexachlorobutadiene
Concen: 11.750 ng/ul
RT: 11.533 min Scan# 1361
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:225 Resp: 11227
Ion Ratio Lower Upper
225 100
223 67.9 47.5 71.3
227 62.7 48.4 72.6

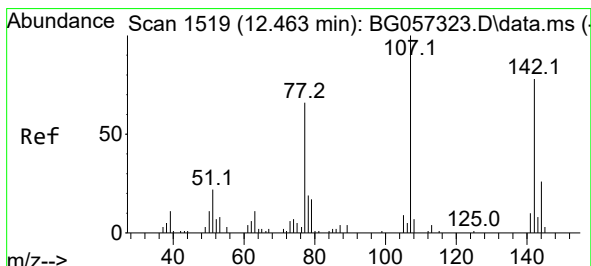
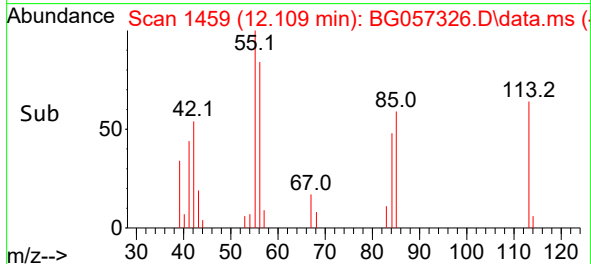
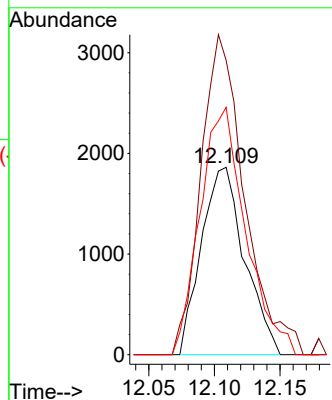
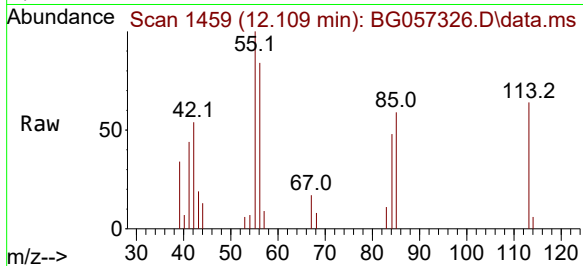




#34
Caprolactam
Concen: 11.246 ng/ul
RT: 12.109 min Scan# 1460
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

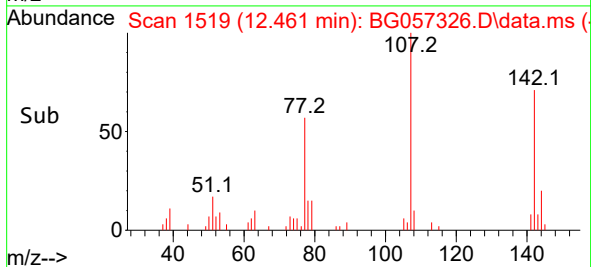
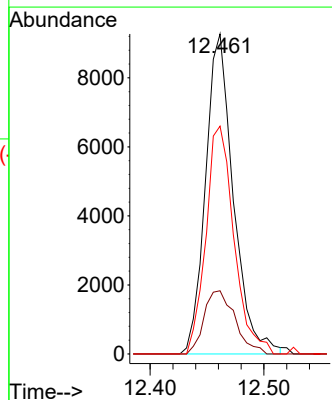
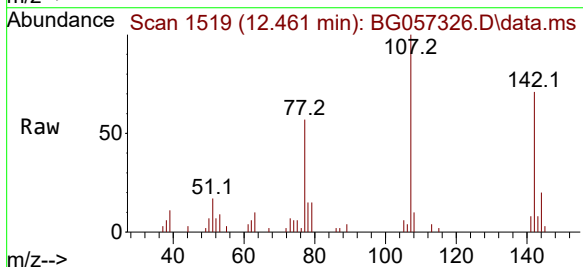
Instrument :
BNA_G
ClientSampleId :
JREA1MS

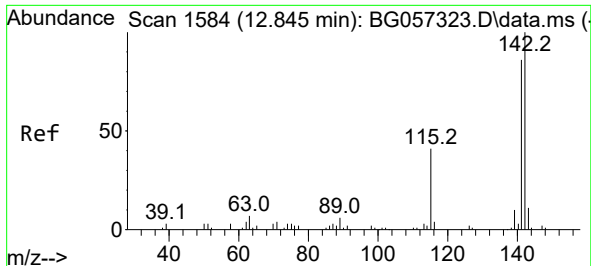
Tgt Ion:113 Resp: 4265
Ion Ratio Lower Upper
113 100
55 157.1 123.1 184.7
56 132.0 98.7 148.1



#35
4-Chloro-3-methylphenol
Concen: 12.156 ng/ul
RT: 12.461 min Scan# 1519
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:107 Resp: 15756
Ion Ratio Lower Upper
107 100
144 19.7 18.3 27.5
142 71.2 58.6 88.0

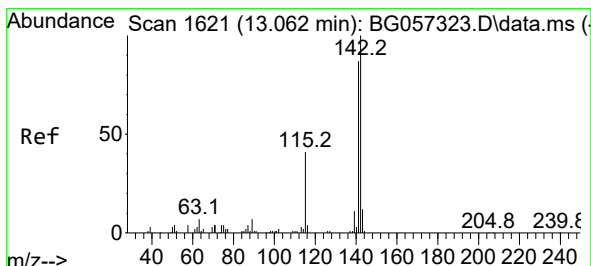
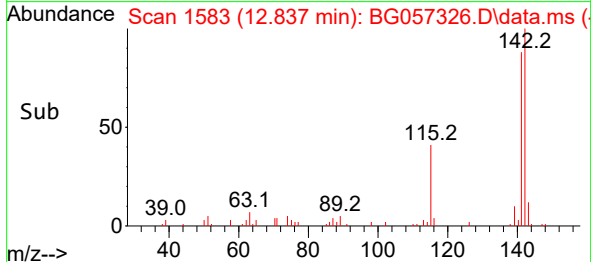
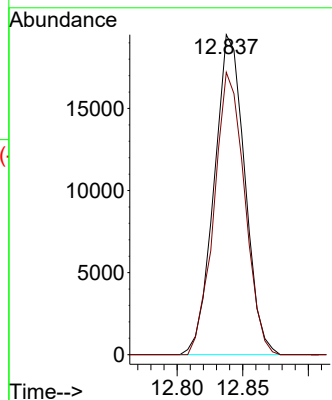
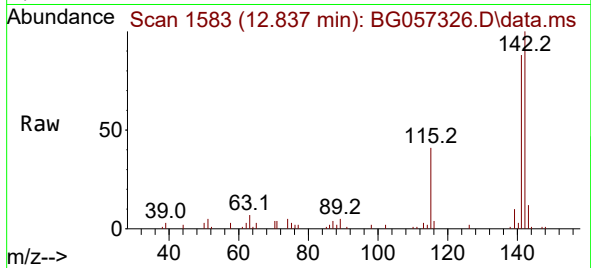




#36
2-Methylnaphthalene
Concen: 11.881 ng/ul
RT: 12.837 min Scan# 1583
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

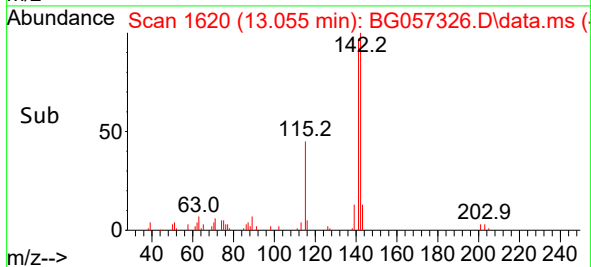
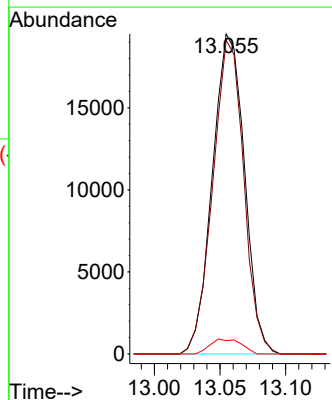
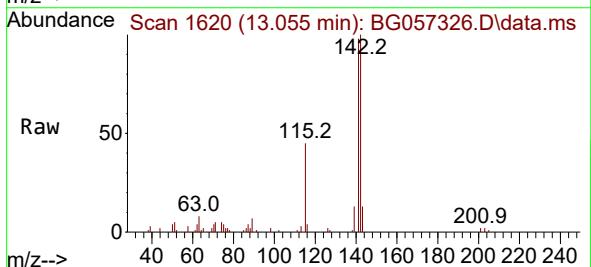
Instrument :
BNA_G
ClientSampleId :
JREA1MS

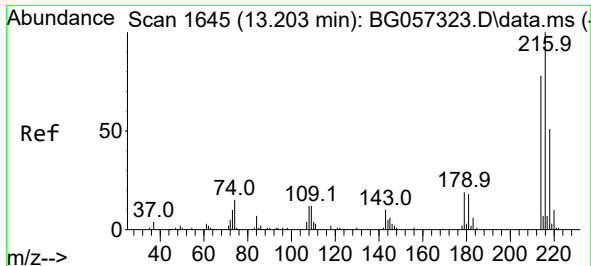
Tgt Ion:142 Resp: 31665
Ion Ratio Lower Upper
142 100
141 88.3 68.7 103.1



#37
1-Methylnaphthalene
Concen: 12.342 ng/ul
RT: 13.055 min Scan# 1620
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:142 Resp: 33074
Ion Ratio Lower Upper
142 100
141 98.0 72.9 109.3
116 4.1 3.2 4.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.260 ng/ul

RT: 13.202 min Scan# 1645

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

Tgt Ion:216 Resp: 23431

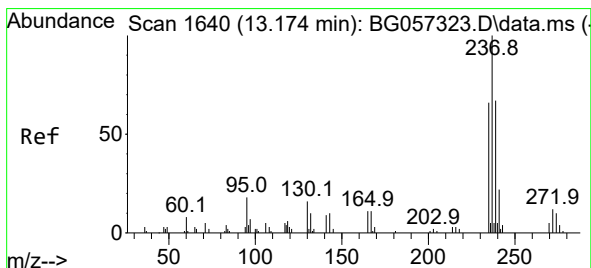
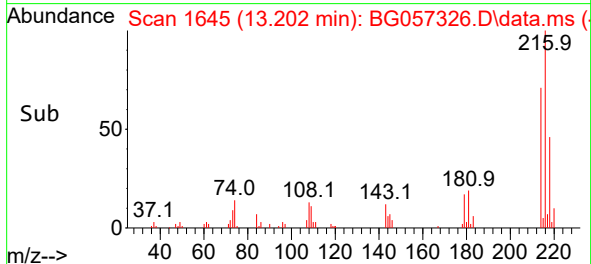
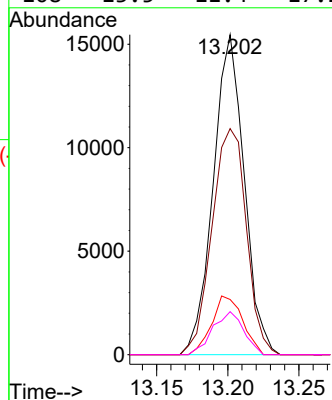
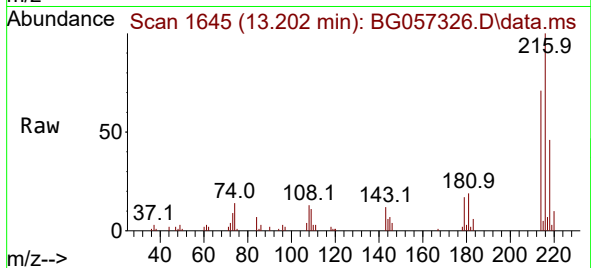
Ion Ratio Lower Upper

216 100

214 70.7 62.9 94.3

179 17.3 15.3 22.9

108 13.5 11.4 17.2



#40

Hexachlorocyclopentadiene

Concen: 1.110 ng/ul

RT: 13.166 min Scan# 1639

Delta R.T. -0.008 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

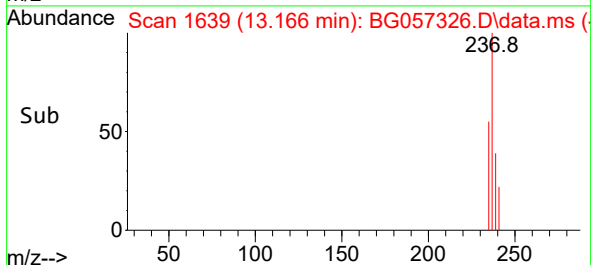
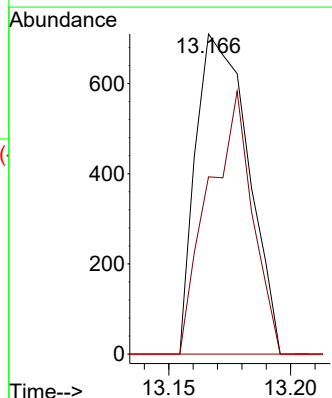
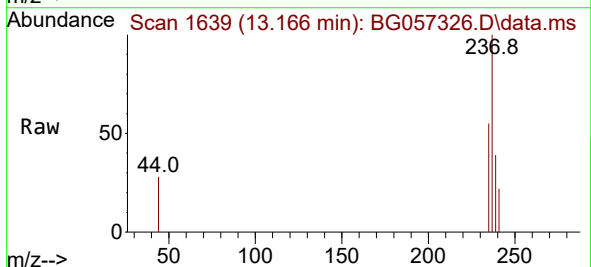
Tgt Ion:237 Resp: 1059

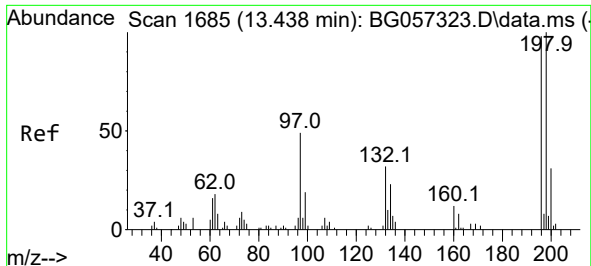
Ion Ratio Lower Upper

237 100

235 55.4 51.4 77.0

272 0.0 9.4 14.2#

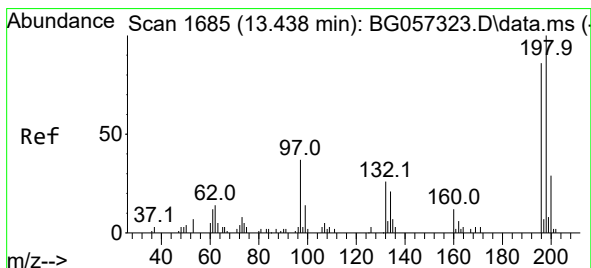
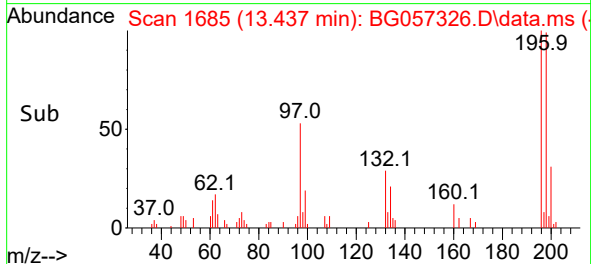
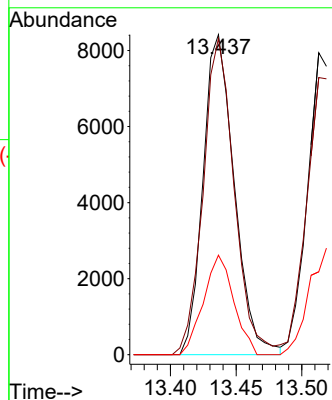
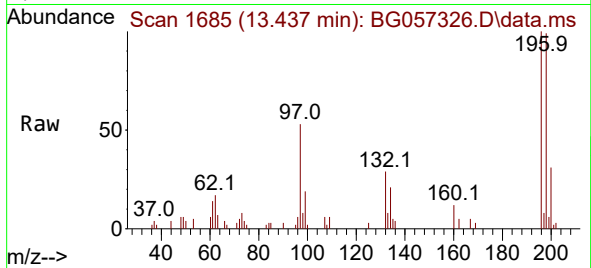




#41
2,4,6-Trichlorophenol
Concen: 12.533 ng/ul
RT: 13.437 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

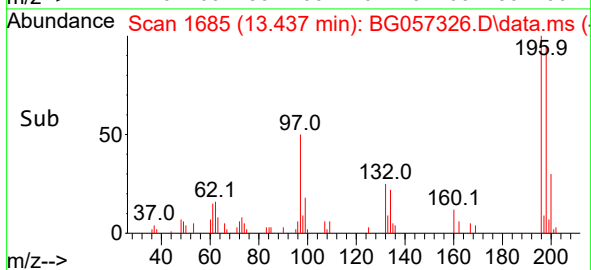
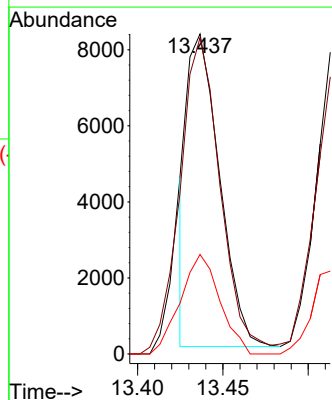
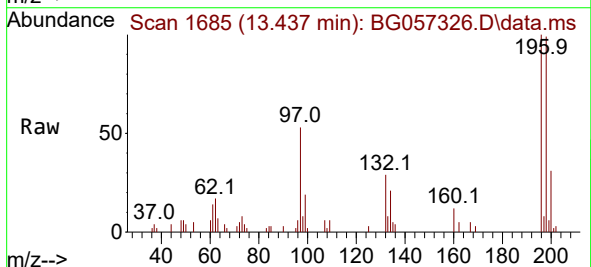
Instrument :
BNA_G
ClientSampleId :
JREA1MS

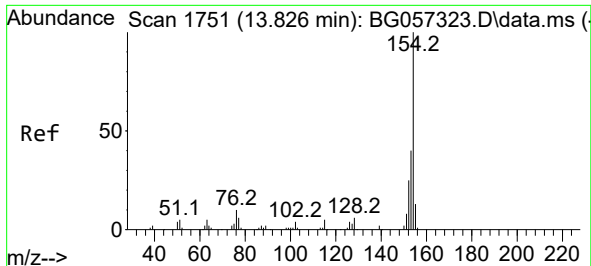
Tgt Ion:196 Resp: 13951
Ion Ratio Lower Upper
196 100
198 98.8 83.8 125.8
200 31.1 26.6 40.0



#42
2,4,5-Trichlorophenol
Concen: 9.042 ng/ul
RT: 13.437 min Scan# 1685
Delta R.T. -0.078 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:196 Resp: 10806
Ion Ratio Lower Upper
196 100
198 98.8 85.7 128.5
200 31.1 29.9 44.9

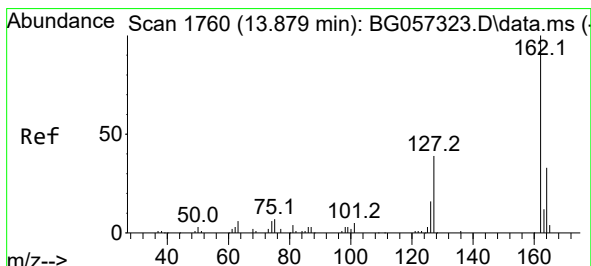
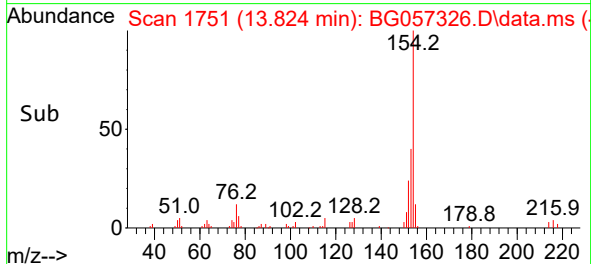
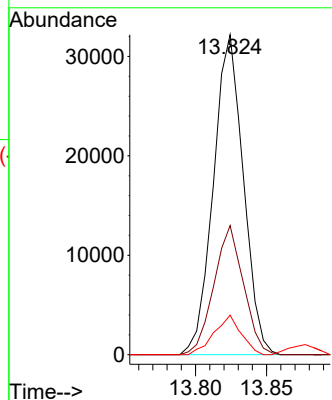
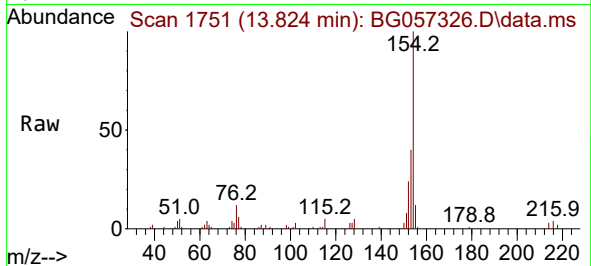




#43
1,1'-Biphenyl
Concen: 11.741 ng/ul
RT: 13.824 min Scan# 1751
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

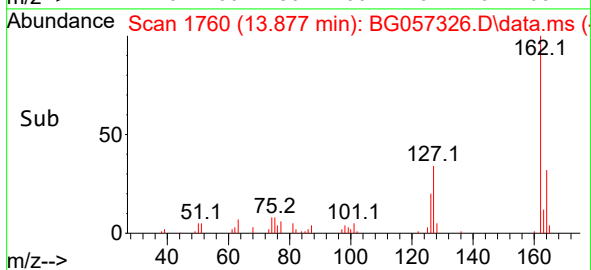
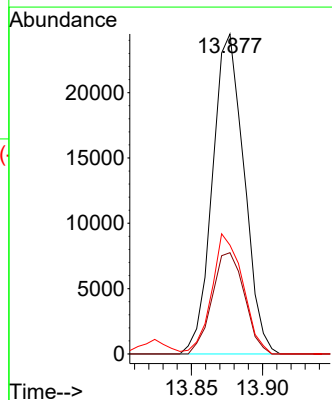
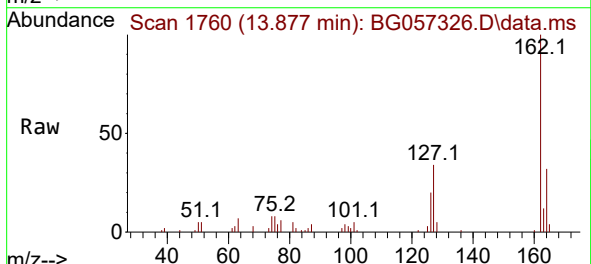
Instrument :
BNA_G
ClientSampleId :
JREA1MS

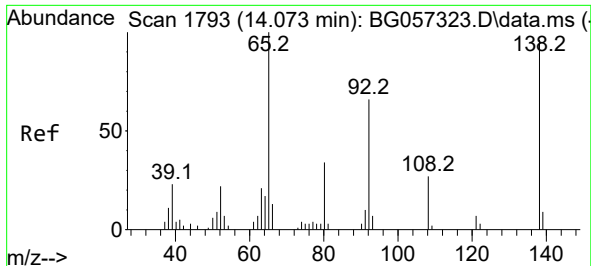
Tgt Ion:154 Resp: 47116
Ion Ratio Lower Upper
154 100
153 40.3 31.6 47.4
76 12.3 8.0 12.0#



#44
2-Chloronaphthalene
Concen: 12.175 ng/ul
RT: 13.877 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:162 Resp: 37883
Ion Ratio Lower Upper
162 100
164 31.7 26.2 39.4
127 34.0 29.4 44.2

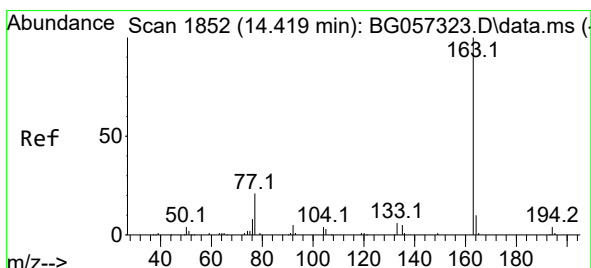
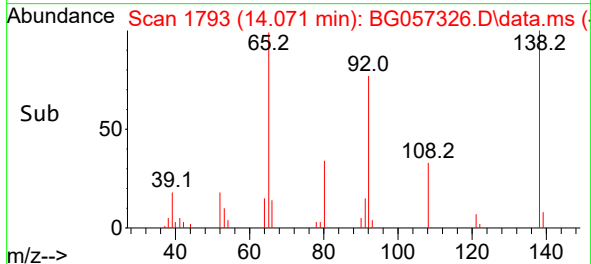
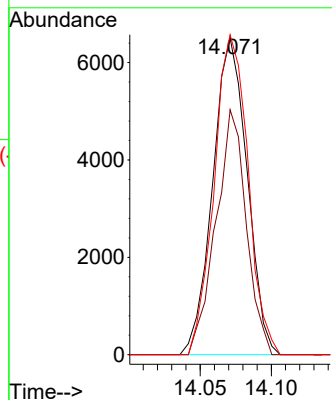
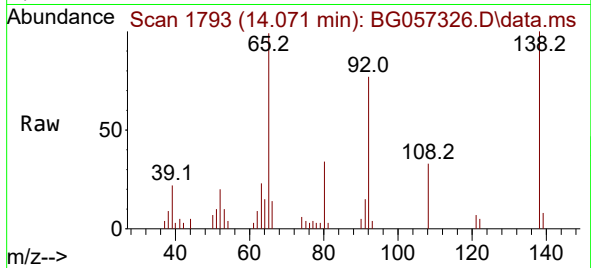




#45
2-Nitroaniline
Concen: 11.637 ng/ul
RT: 14.071 min Scan# 1793
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

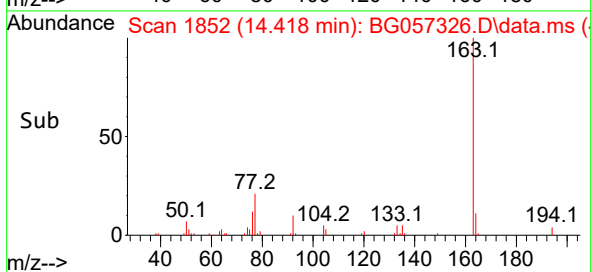
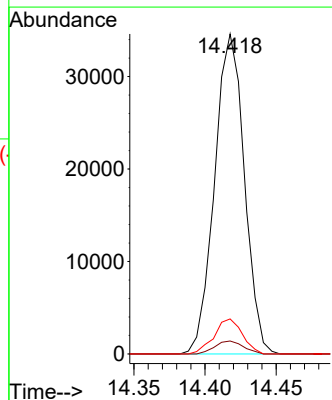
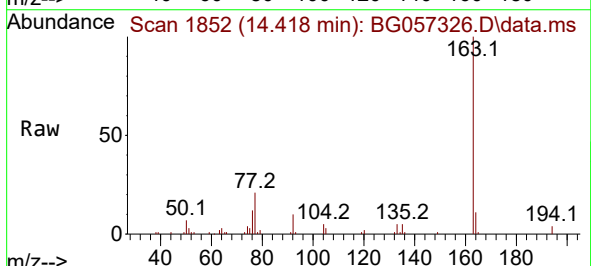
Instrument :
BNA_G
ClientSampleId :
JREA1MS

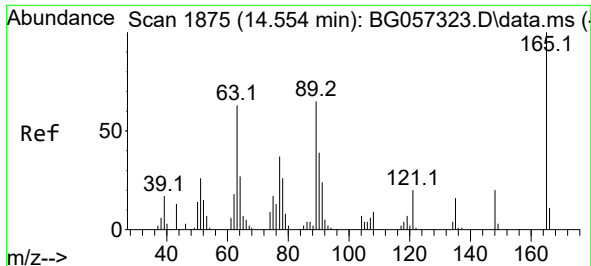
Tgt Ion: 65 Resp: 10931
Ion Ratio Lower Upper
65 100
92 77.3 51.8 77.6
138 101.0 71.9 107.9



#47
Dimethylphthalate
Concen: 12.045 ng/ul
RT: 14.418 min Scan# 1852
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:163 Resp: 50407
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.9 8.3 12.5

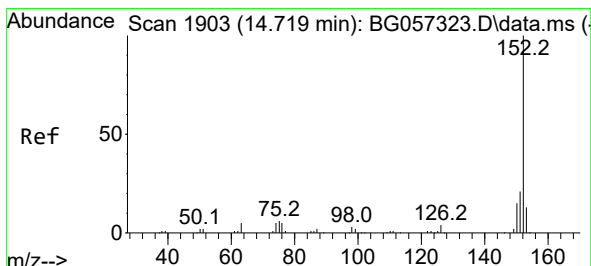
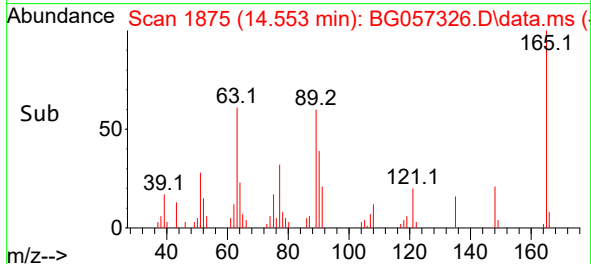
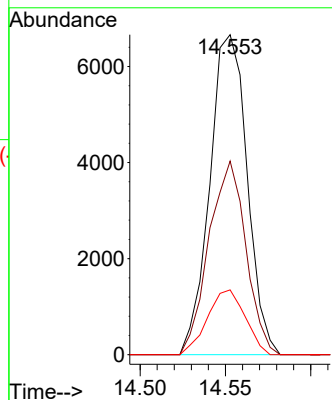
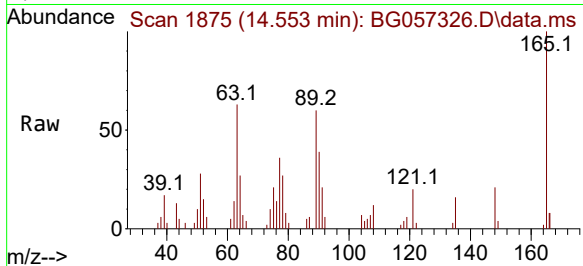




#48
2,6-Dinitrotoluene
Concen: 11.774 ng/ul
RT: 14.553 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

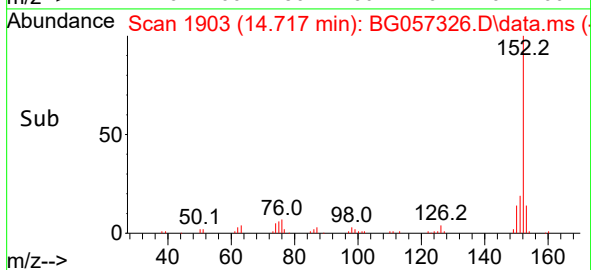
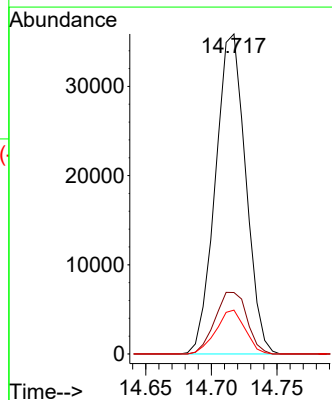
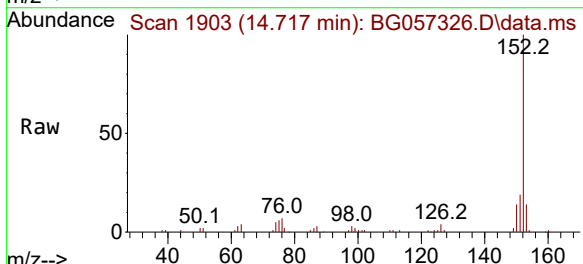
Instrument :
BNA_G
ClientSampleId :
JREA1MS

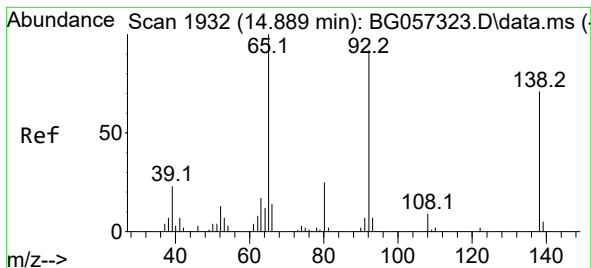
Tgt Ion:165 Resp: 10140
Ion Ratio Lower Upper
165 100
89 60.5 50.6 76.0
121 20.2 16.8 25.2



#50
Acenaphthylene
Concen: 12.091 ng/ul
RT: 14.717 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:152 Resp: 57549
Ion Ratio Lower Upper
152 100
151 19.2 16.3 24.5
153 13.7 10.1 15.1

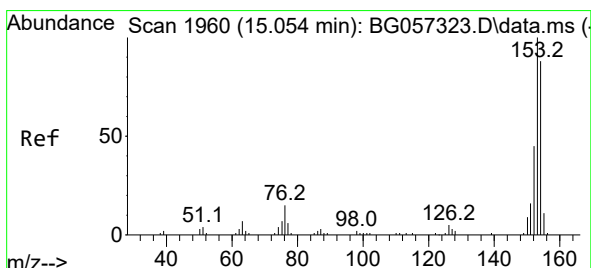
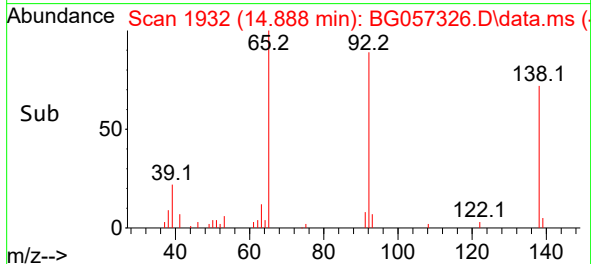
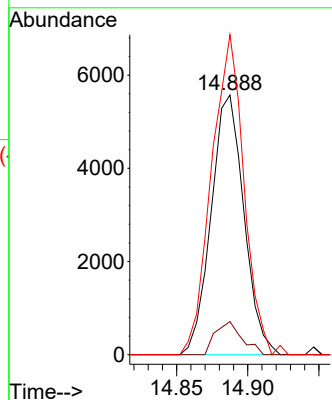
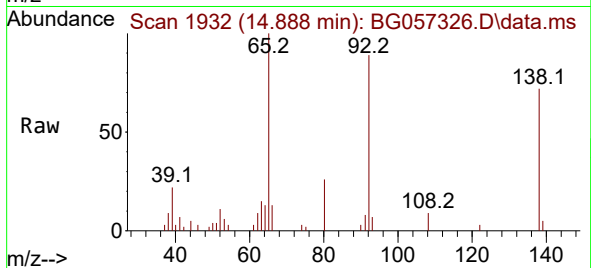




#51
3-Nitroaniline
Concen: 14.650 ng/ul
RT: 14.888 min Scan# 1932
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

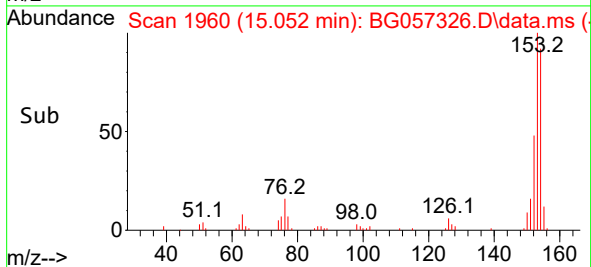
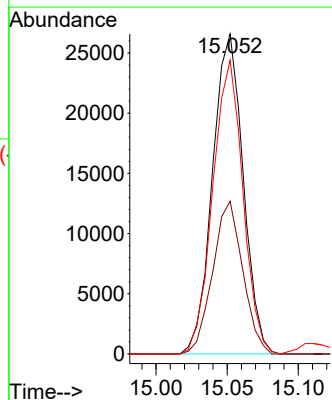
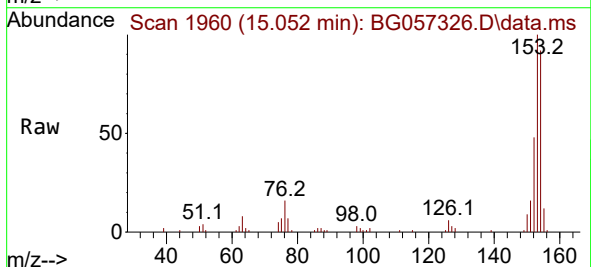
Instrument :
BNA_G
ClientSampleId :
JREA1MS

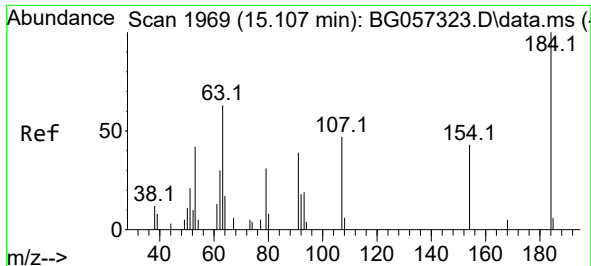
Tgt Ion:138 Resp: 8940
Ion Ratio Lower Upper
138 100
108 12.7 9.2 13.8
92 123.2 99.5 149.3



#52
Acenaphthene
Concen: 11.758 ng/ul
RT: 15.052 min Scan# 1960
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:153 Resp: 39874
Ion Ratio Lower Upper
153 100
152 47.8 36.5 54.7
154 91.8 70.6 106.0

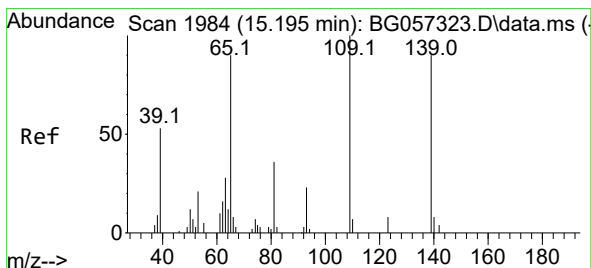
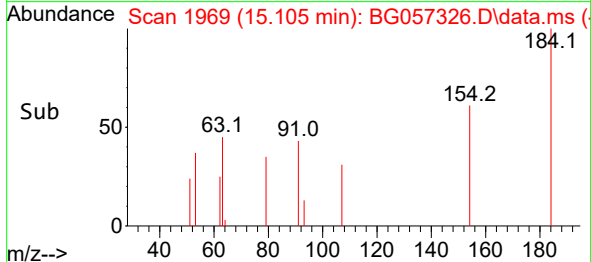
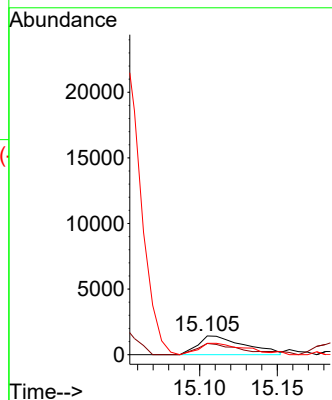
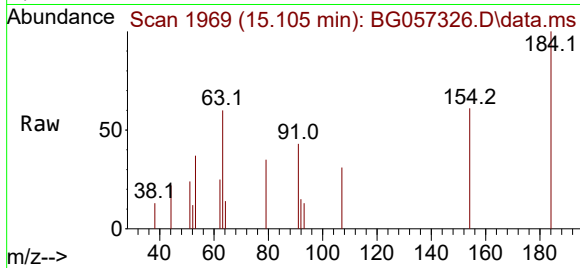




#53
2,4-Dinitrophenol
Concen: 6.519 ng/ul
RT: 15.105 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

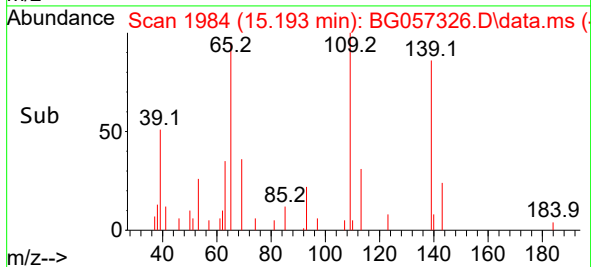
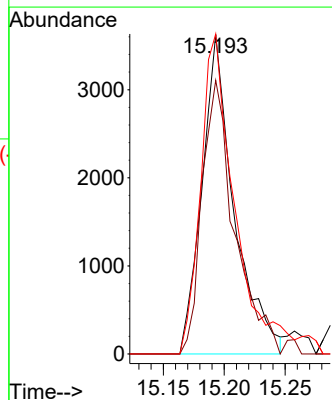
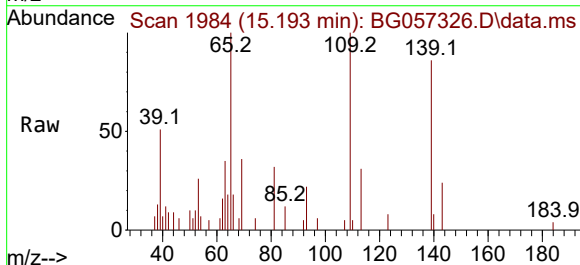
Instrument :
BNA_G
ClientSampleId :
JREA1MS

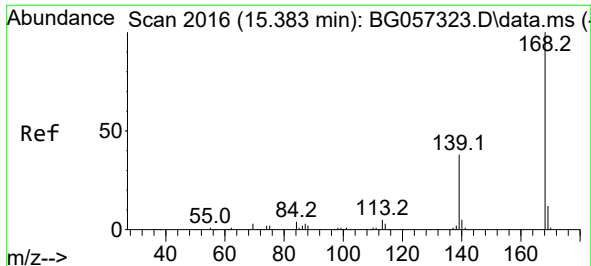
Tgt Ion:184 Resp: 2990
Ion Ratio Lower Upper
184 100
63 59.9 48.3 72.5
154 60.7 50.0 75.0



#55
4-Nitrophenol
Concen: 9.671 ng/ul
RT: 15.193 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:109 Resp: 6650
Ion Ratio Lower Upper
109 100
139 85.7 73.8 110.8
65 100.2 81.7 122.5

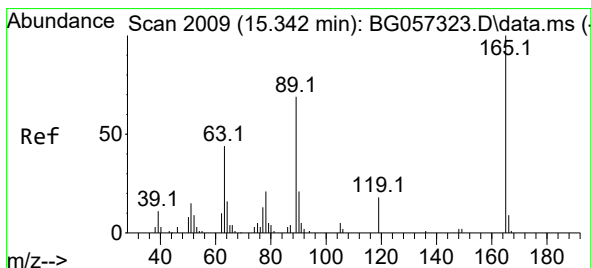
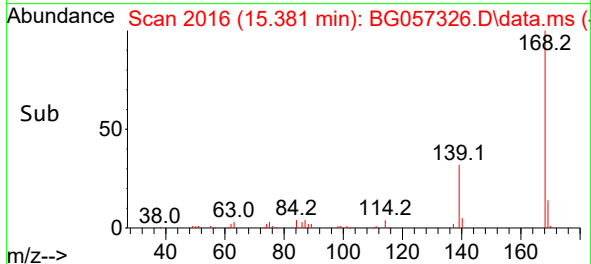
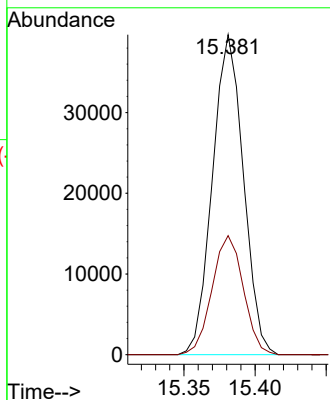
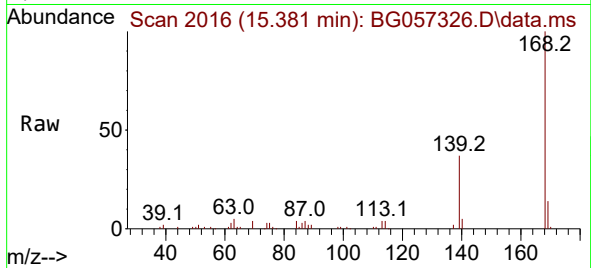




#56
Dibenzofuran
Concen: 12.242 ng/ul
RT: 15.381 min Scan# 2016
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

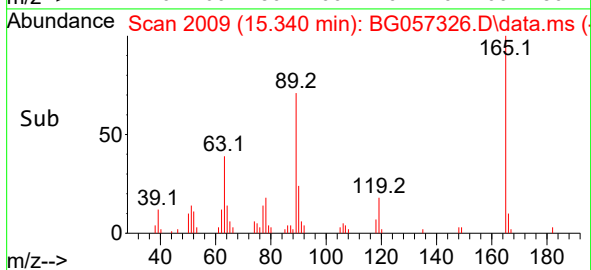
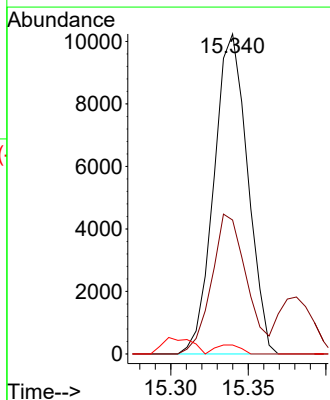
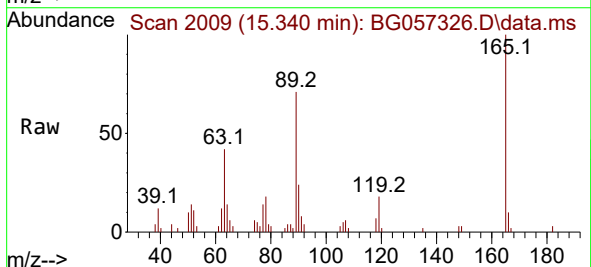
Instrument :
BNA_G
ClientSampleId :
JREA1MS

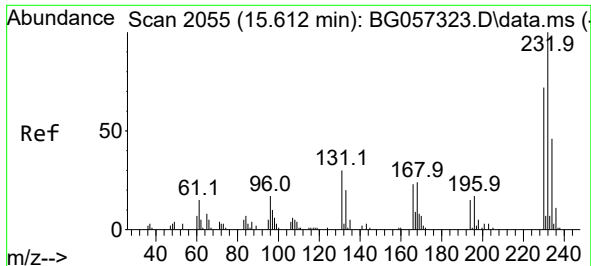
Tgt Ion:168 Resp: 59953
Ion Ratio Lower Upper
168 100
139 37.2 29.6 44.4



#57
2,4-Dinitrotoluene
Concen: 12.560 ng/ul
RT: 15.340 min Scan# 2009
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:165 Resp: 15485
Ion Ratio Lower Upper
165 100
63 41.8 35.9 53.9
182 2.8 1.9 2.9

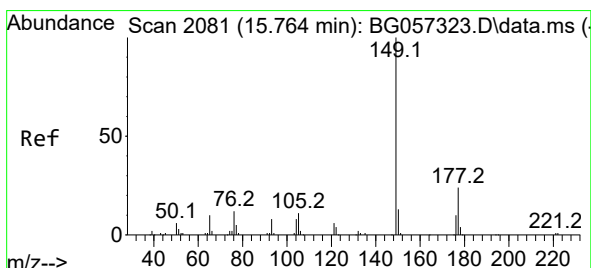
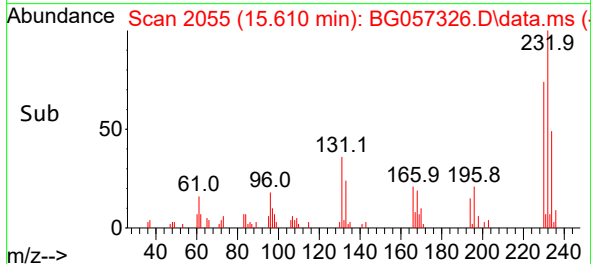
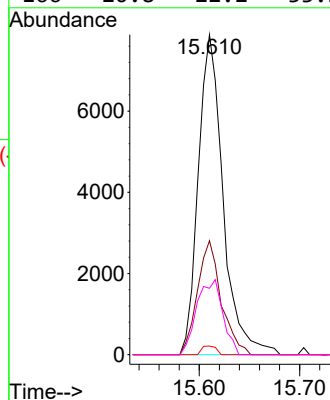
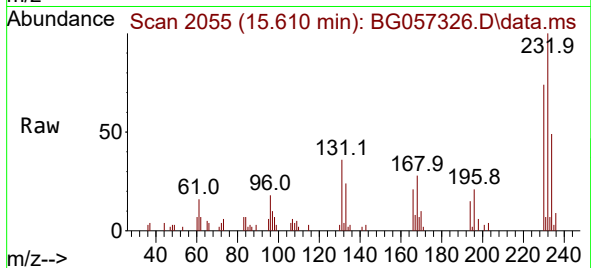




#58
2,3,4,6-Tetrachlorophenol
Concen: 12.467 ng/ul
RT: 15.610 min Scan# 2055
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

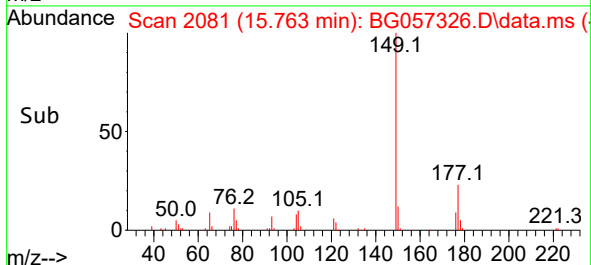
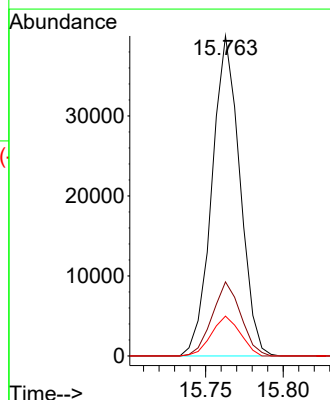
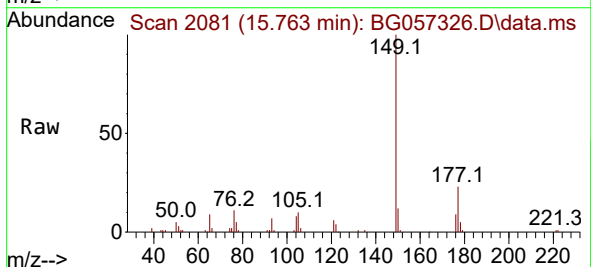
Instrument :
BNA_G
ClientSampleId :
JREA1MS

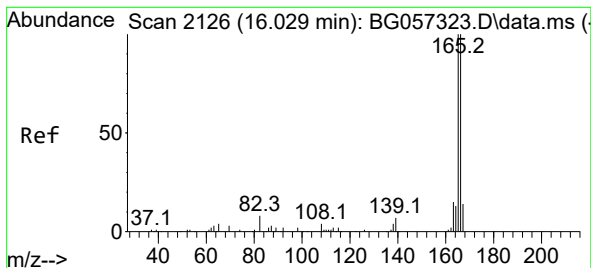
Tgt Ion:232 Resp: 13538
Ion Ratio Lower Upper
232 100
131 35.6 28.6 43.0
130 2.7 1.8 2.6#
166 20.8 22.2 33.2#



#59
Diethylphthalate
Concen: 11.765 ng/ul
RT: 15.763 min Scan# 2081
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:149 Resp: 50020
Ion Ratio Lower Upper
149 100
177 23.1 18.6 28.0
150 12.4 9.8 14.8





#61

Fluorene

Concen: 12.218 ng/ul

RT: 16.027 min Scan# 2126

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

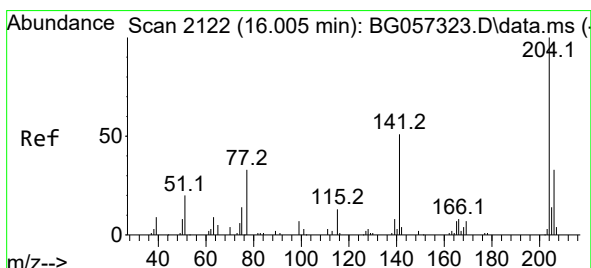
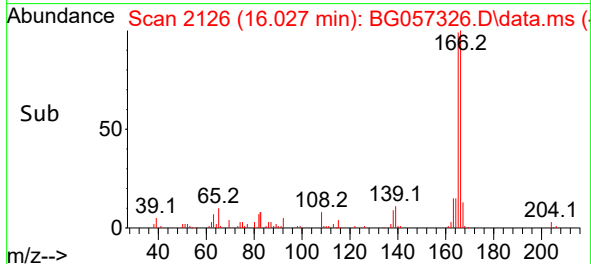
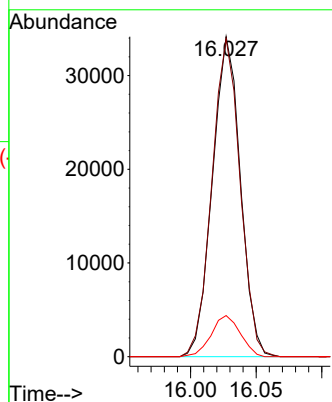
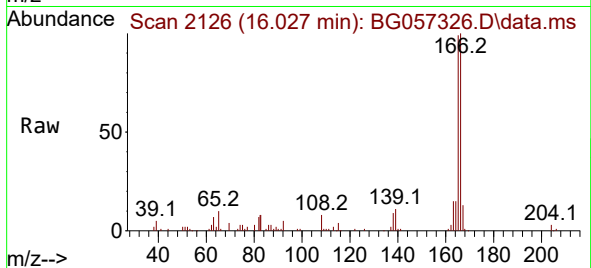
Tgt Ion:166 Resp: 50594

Ion Ratio Lower Upper

166 100

165 99.4 80.1 120.1

167 12.9 10.2 15.4



#62

4-Chlorophenyl-phenylether

Concen: 11.854 ng/ul

RT: 16.004 min Scan# 2122

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

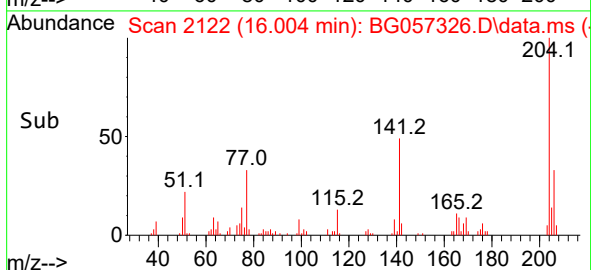
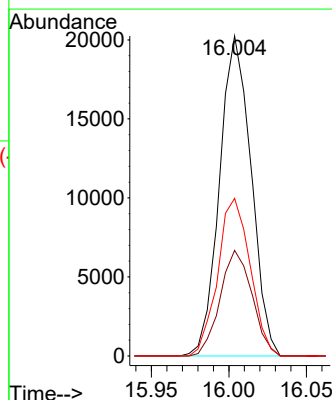
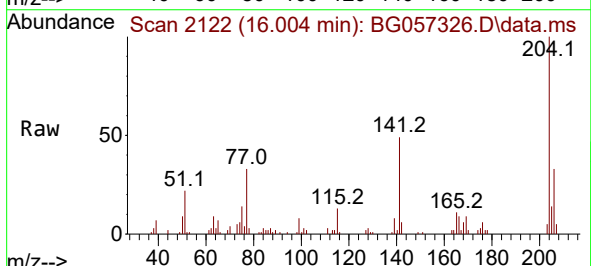
Tgt Ion:204 Resp: 28650

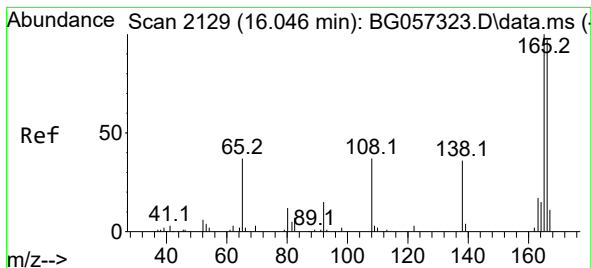
Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

141 49.2 41.5 62.3

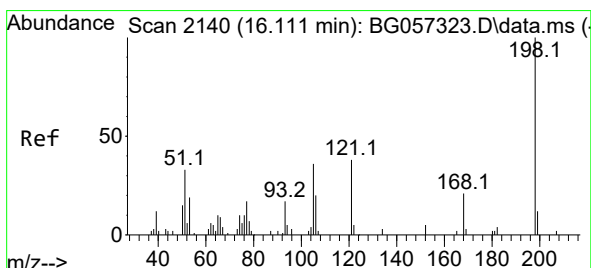
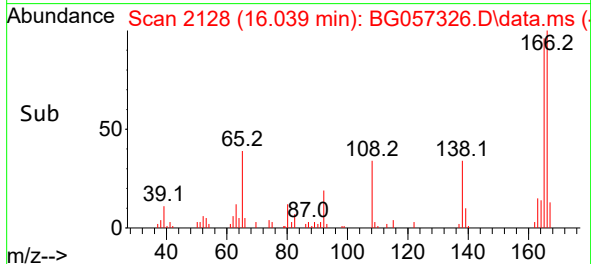
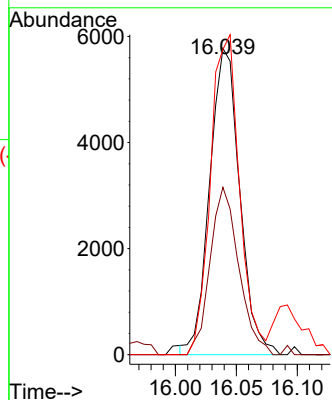
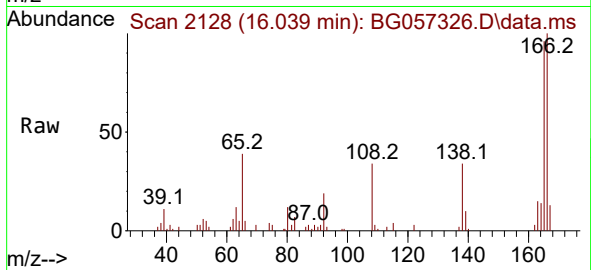




#63
4-Nitroaniline
Concen: 17.147 ng/ul
RT: 16.039 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

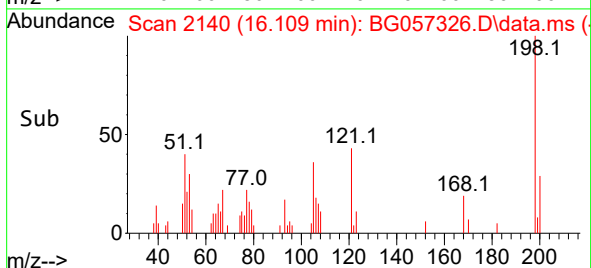
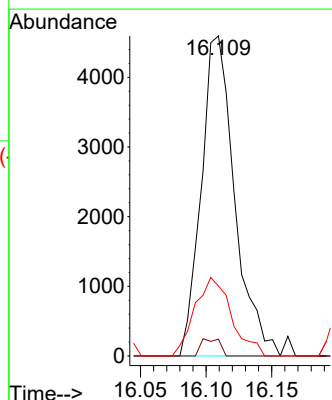
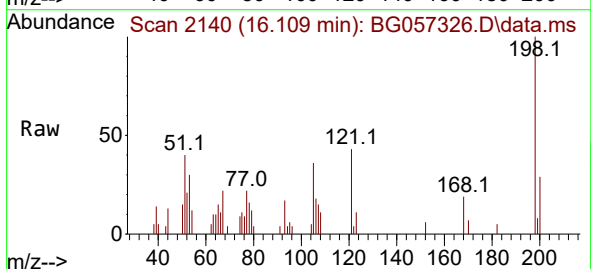
Instrument :
BNA_G
ClientSampleId :
JREA1MS

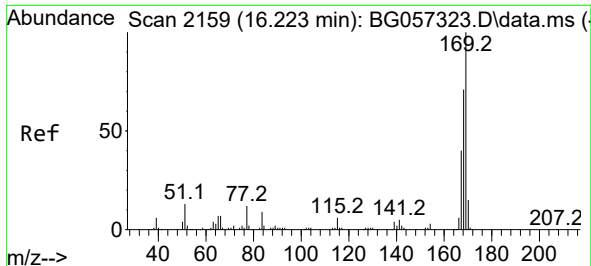
Tgt Ion:138 Resp: 9909
Ion Ratio Lower Upper
138 100
92 54.6 39.9 59.9
108 99.7 89.1 133.7



#66
4,6-Dinitro-2-methylphenol
Concen: 10.384 ng/ul
RT: 16.109 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:198 Resp: 8136
Ion Ratio Lower Upper
198 100
182 5.2 3.0 4.6#
77 21.8 20.1 30.1

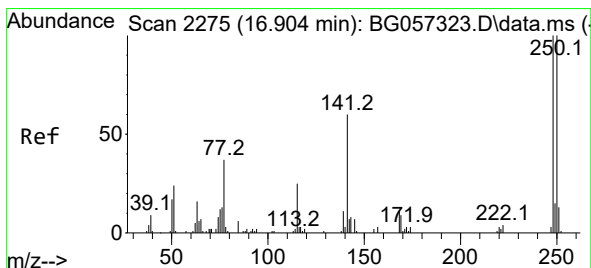
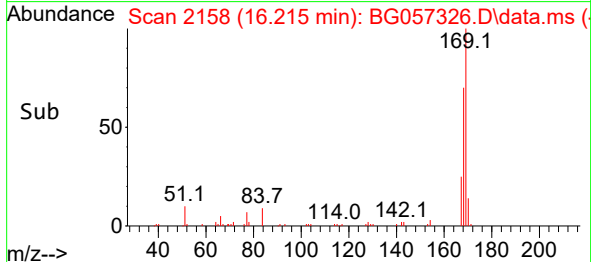
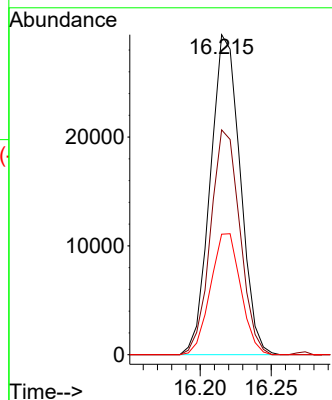
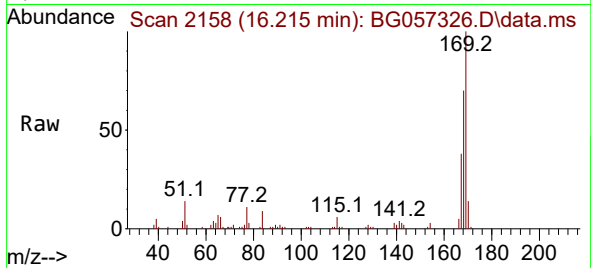




#67
N-Nitrosodiphenylamine
Concen: 12.672 ng/ul
RT: 16.215 min Scan# 2158
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

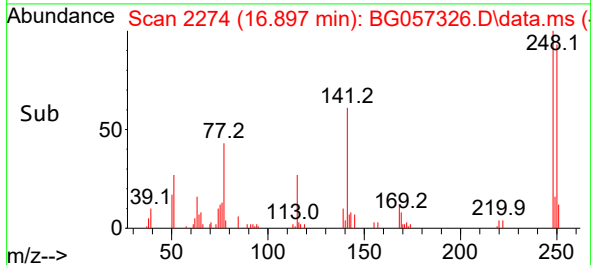
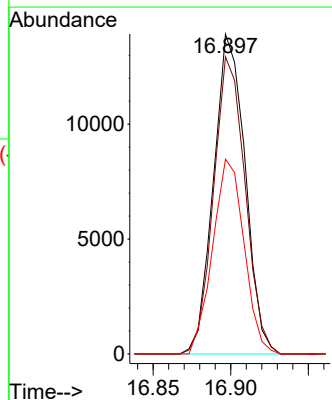
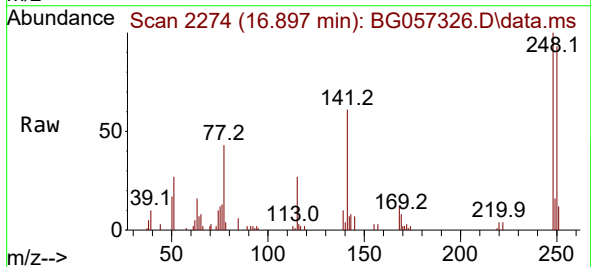
Instrument :
BNA_G
ClientSampleId :
JREA1MS

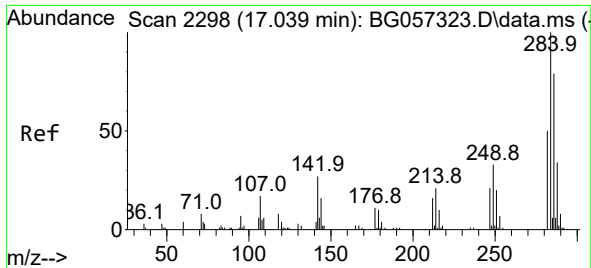
Tgt Ion:169 Resp: 42956
Ion Ratio Lower Upper
169 100
168 70.3 55.4 83.2
167 37.6 31.0 46.4



#68
4-Bromophenyl-phenylether
Concen: 12.686 ng/ul
RT: 16.897 min Scan# 2274
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:248 Resp: 19677
Ion Ratio Lower Upper
248 100
250 92.8 74.8 112.2
141 60.9 47.8 71.6

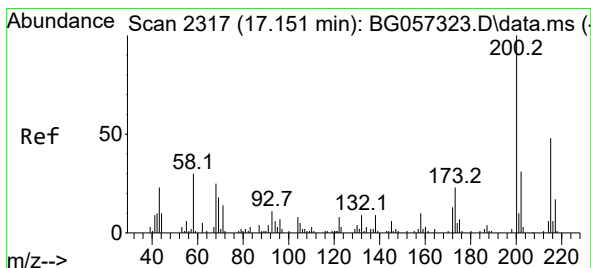
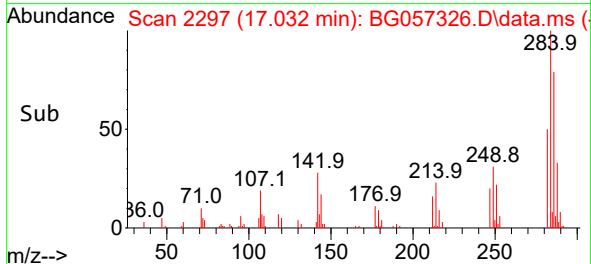
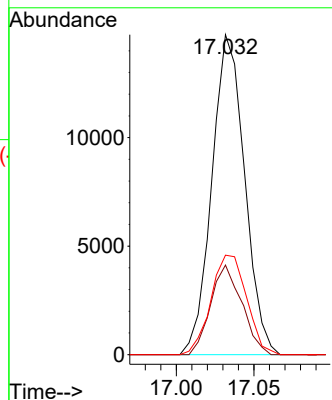
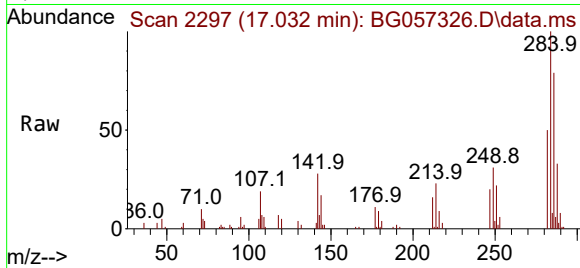




#69
Hexachlorobenzene
Concen: 13.243 ng/ul
RT: 17.032 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

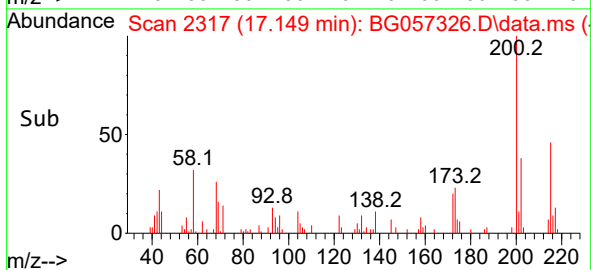
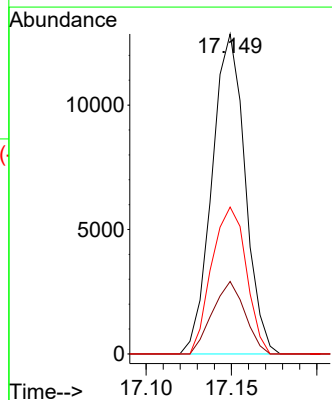
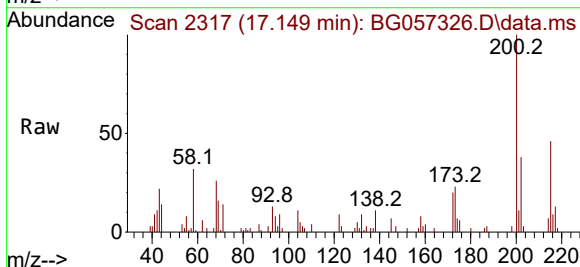
Instrument :
BNA_G
ClientSampleId :
JREA1MS

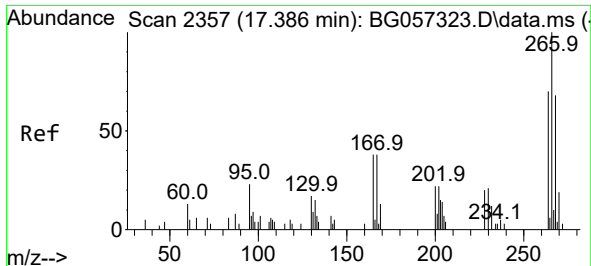
Tgt Ion:284 Resp: 21631
Ion Ratio Lower Upper
284 100
142 28.0 22.6 33.8
249 31.1 26.2 39.2



#70
Atrazine
Concen: 11.508 ng/ul
RT: 17.149 min Scan# 2317
Delta R.T. -0.002 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:200 Resp: 17339
Ion Ratio Lower Upper
200 100
173 22.6 17.8 26.6
215 45.9 40.3 60.5

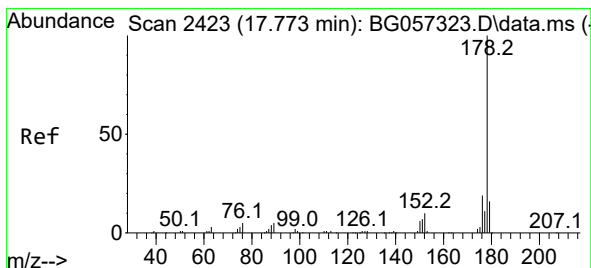
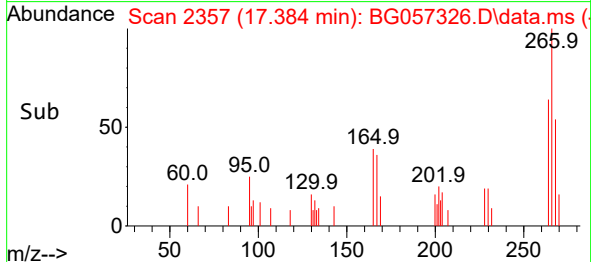
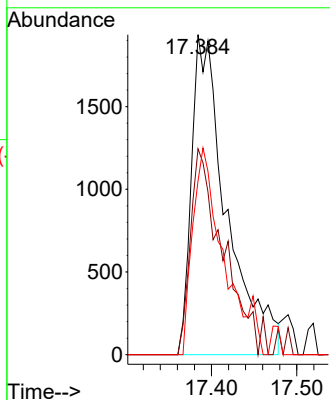
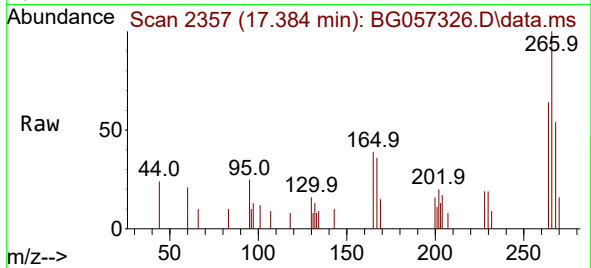




#71
 Pentachlorophenol
 Concen: 7.354 ng/ul
 RT: 17.384 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

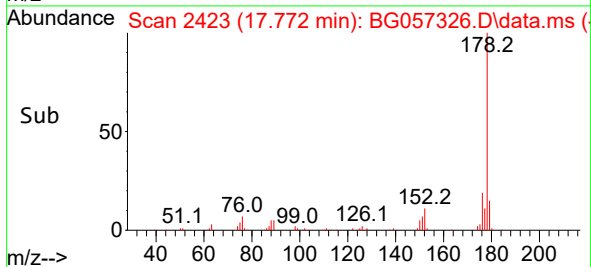
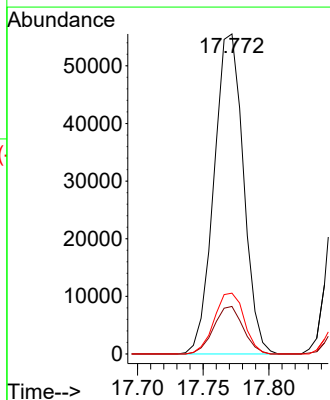
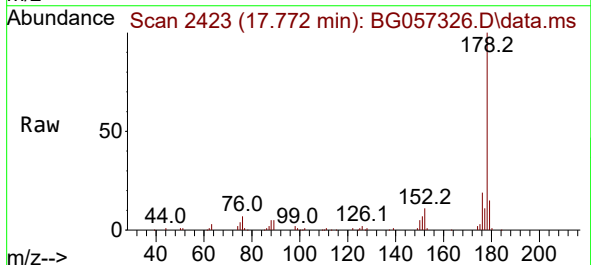
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

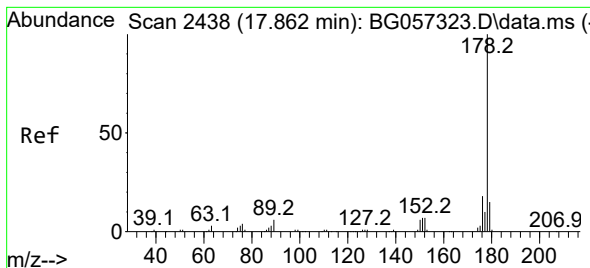
Tgt Ion:266 Resp: 5552
 Ion Ratio Lower Upper
 266 100
 264 64.3 47.8 71.6
 268 54.4 48.2 72.4



#72
 Phenanthrene
 Concen: 12.822 ng/ul
 RT: 17.772 min Scan# 2423
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

Tgt Ion:178 Resp: 86650
 Ion Ratio Lower Upper
 178 100
 179 14.9 11.8 17.8
 176 19.0 15.4 23.0





#74

Anthracene

Concen: 12.586 ng/uI

RT: 17.860 min Scan# 2438

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

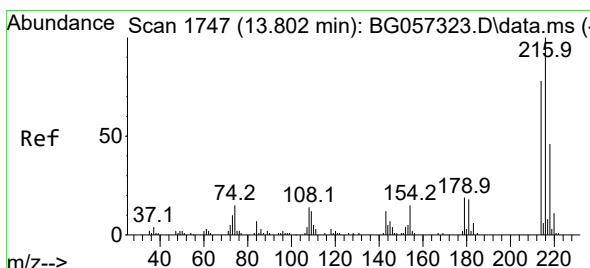
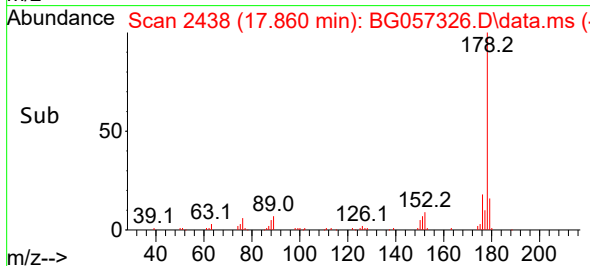
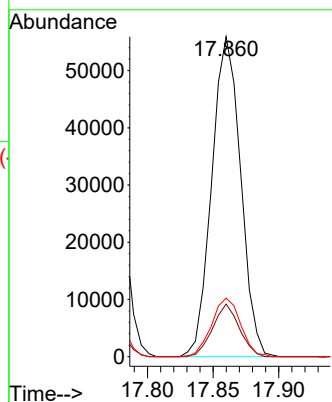
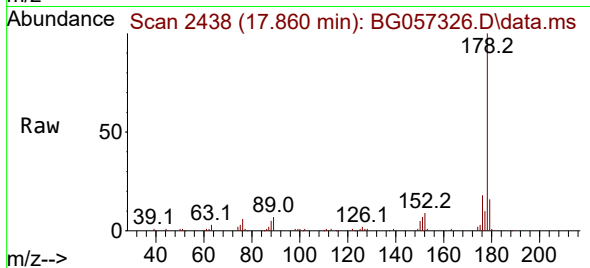
Tgt Ion:178 Resp: 85441

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

176 18.3 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 12.419 ng/uI

RT: 13.801 min Scan# 1747

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

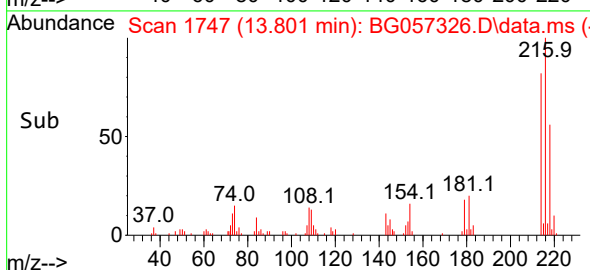
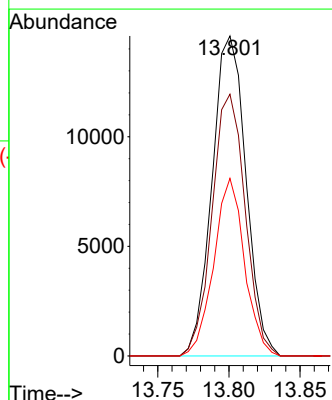
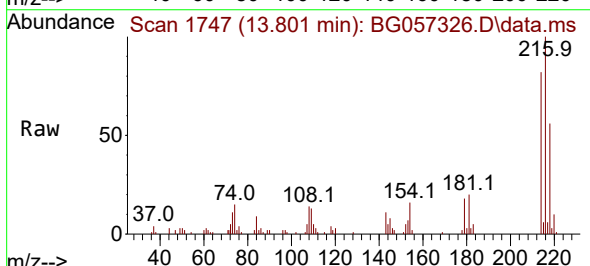
Tgt Ion:216 Resp: 24240

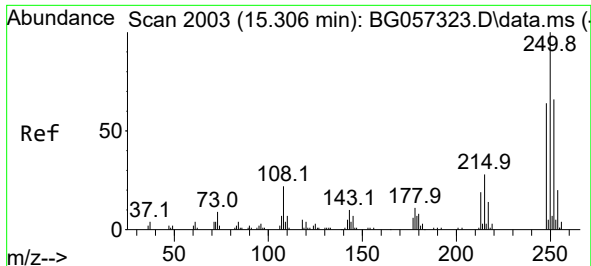
Ion Ratio Lower Upper

216 100

214 81.8 64.3 96.5

218 55.5 38.5 57.7

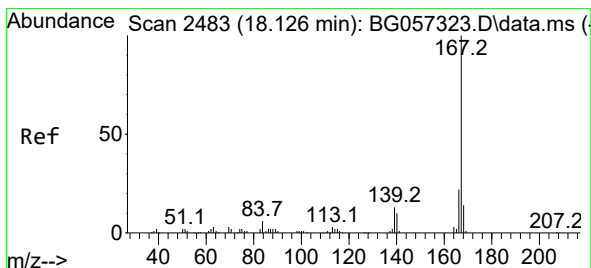
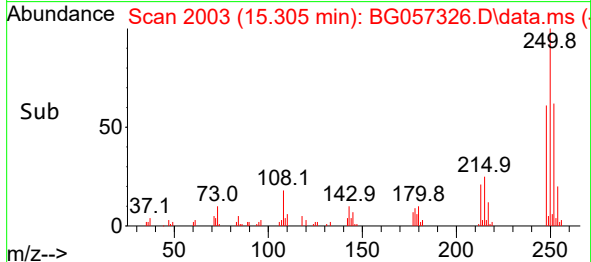
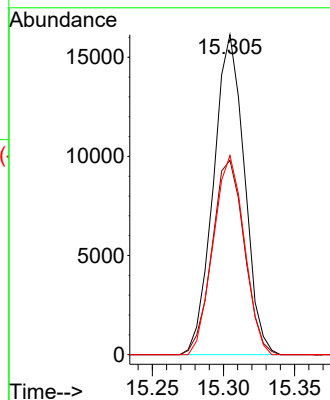
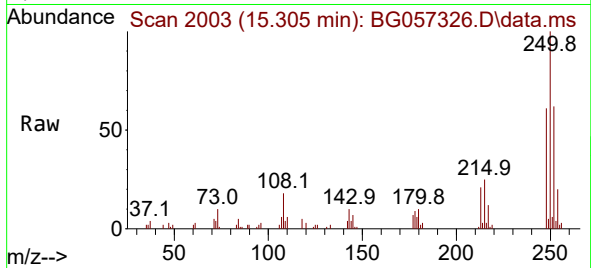




#76
 Pentachlorobenzene
 Concen: 12.296 ng/uL
 RT: 15.305 min Scan# 2003
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

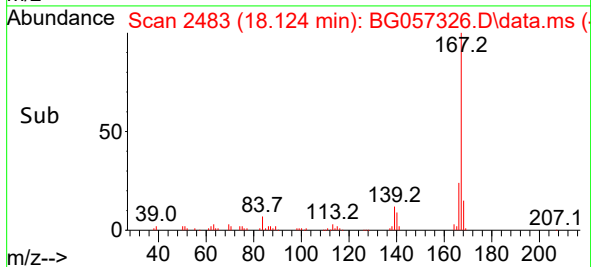
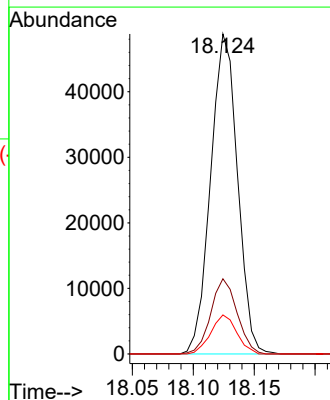
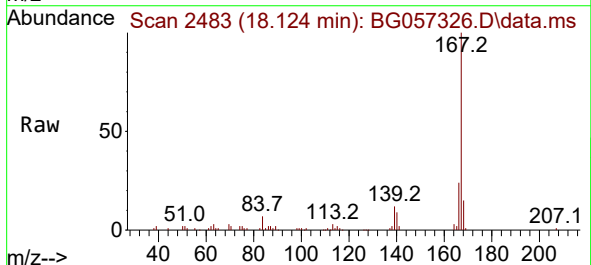
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

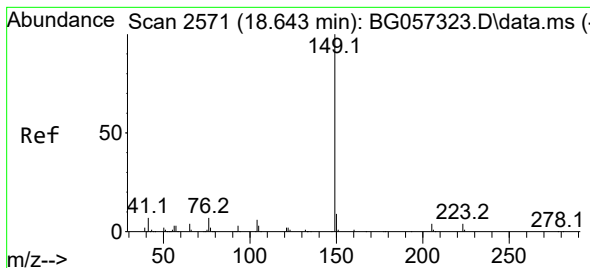
Tgt Ion:250 Resp: 24431
 Ion Ratio Lower Upper
 250 100
 248 60.8 52.2 78.2
 252 62.3 52.5 78.7



#77
 Carbazole
 Concen: 13.208 ng/uL
 RT: 18.124 min Scan# 2483
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

Tgt Ion:167 Resp: 74930
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.0 27.0
 139 12.2 10.3 15.5





#78

Di-n-butylphthalate

Concen: 13.680 ng/ul

RT: 18.641 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

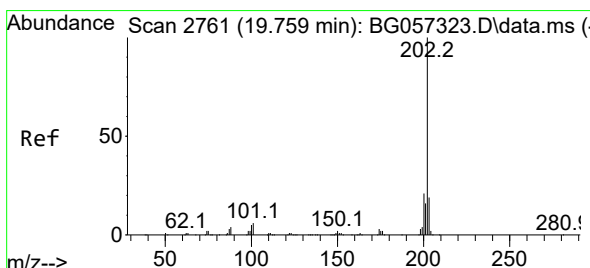
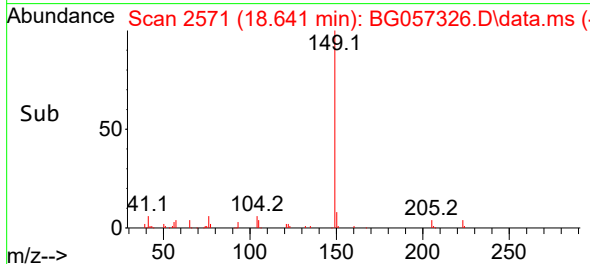
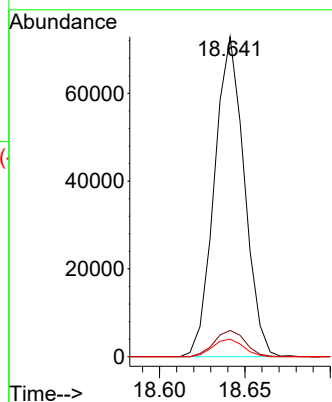
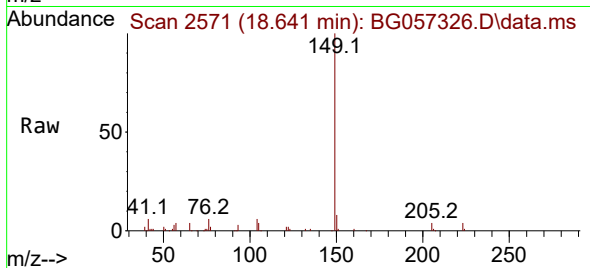
Tgt Ion:149 Resp: 88746

Ion Ratio Lower Upper

149 100

150 8.2 7.3 10.9

104 5.5 5.0 7.6



#80

Fluoranthene

Concen: 13.463 ng/ul

RT: 19.757 min Scan# 2761

Delta R.T. -0.002 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

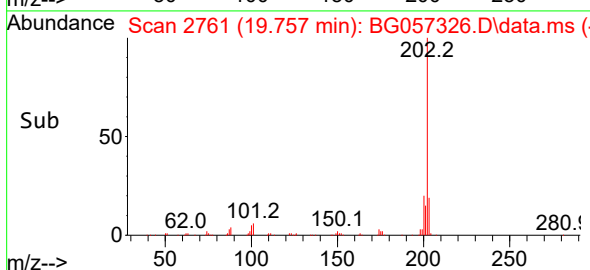
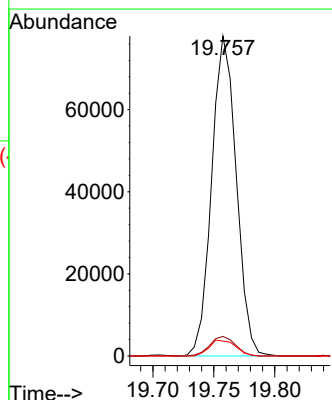
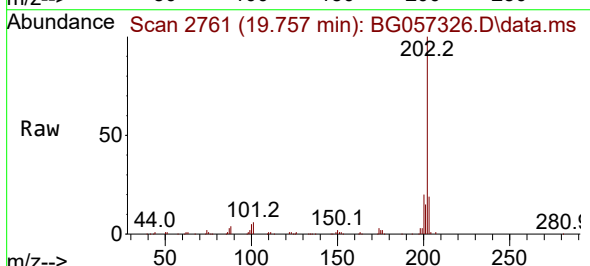
Tgt Ion:202 Resp: 109380

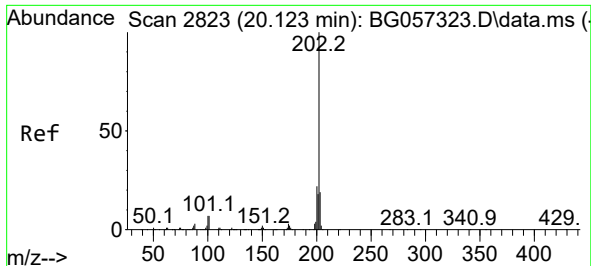
Ion Ratio Lower Upper

202 100

101 6.1 5.8 8.6

100 4.6 4.6 7.0

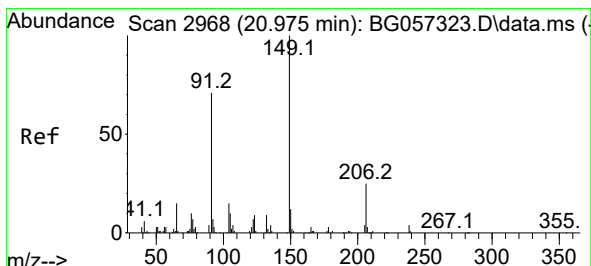
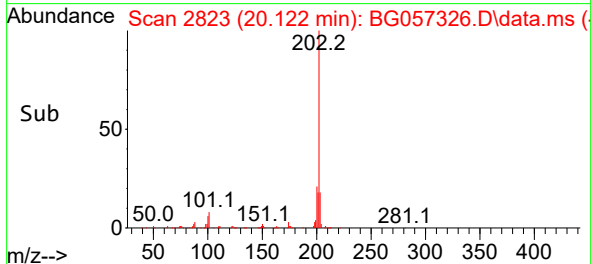
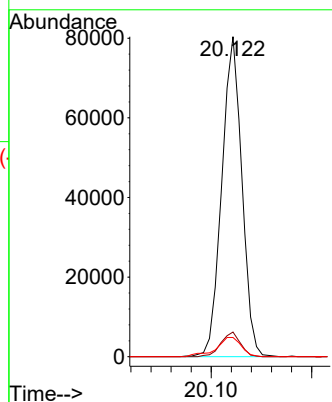
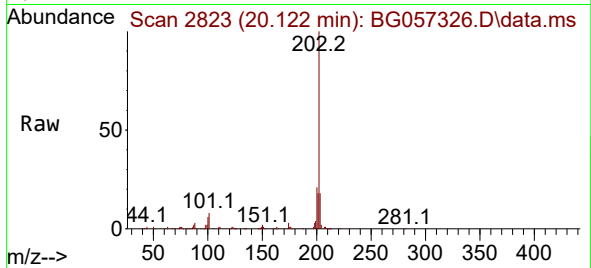




#82
 Pyrene
 Concen: 13.586 ng/ul
 RT: 20.122 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

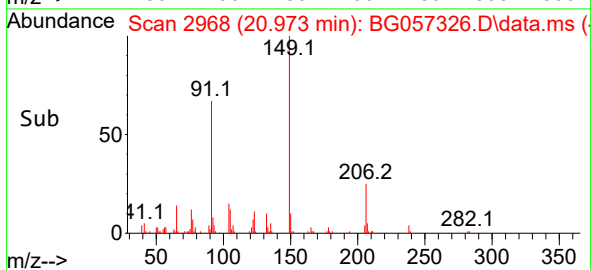
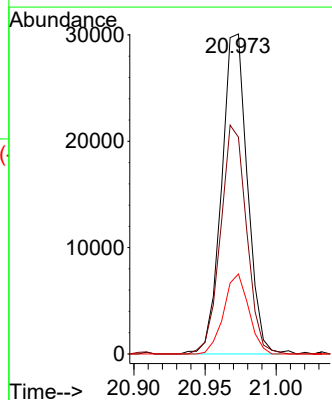
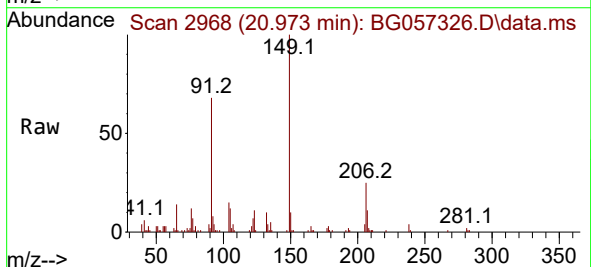
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

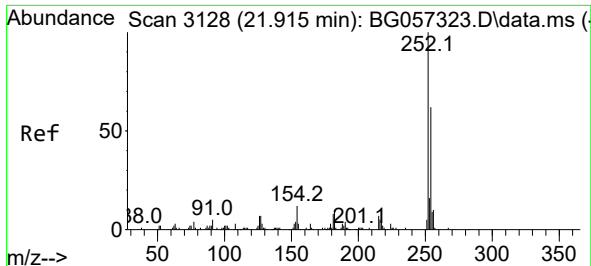
Tgt Ion:202 Resp: 111748
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.7 8.5
 100 6.0 6.0 9.0#



#83
 Butylbenzylphthalate
 Concen: 14.445 ng/ul
 RT: 20.973 min Scan# 2968
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

Tgt Ion:149 Resp: 38048
 Ion Ratio Lower Upper
 149 100
 91 67.8 58.6 87.8
 206 25.0 19.8 29.8

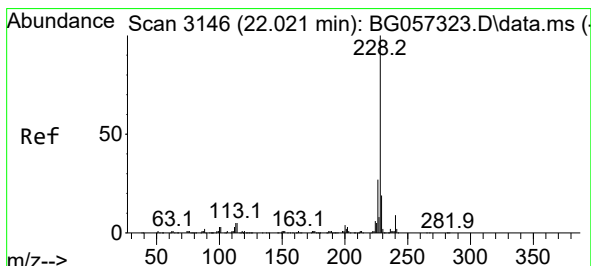
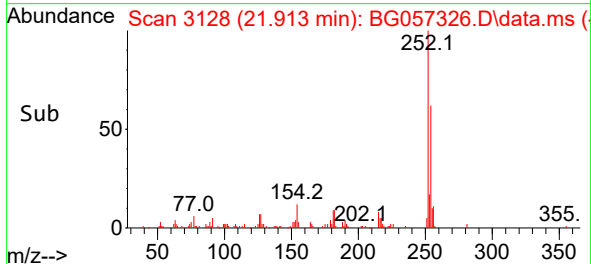
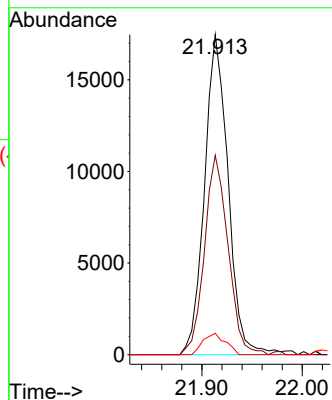
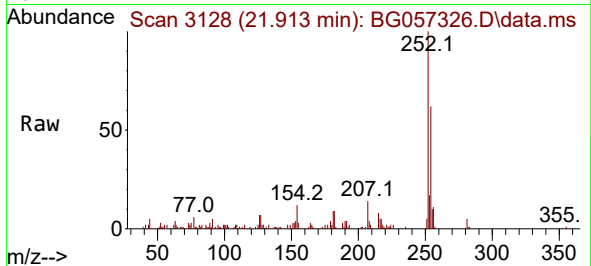




#84
 3,3'-Dichlorobenzidine
 Concen: 11.134 ng/ul
 RT: 21.913 min Scan# 3128
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

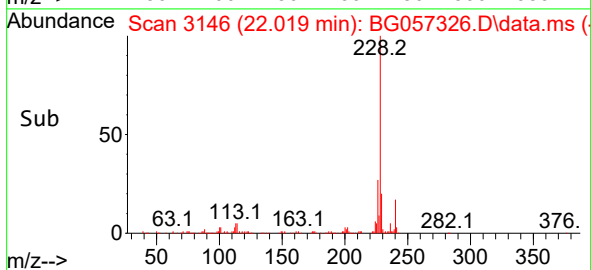
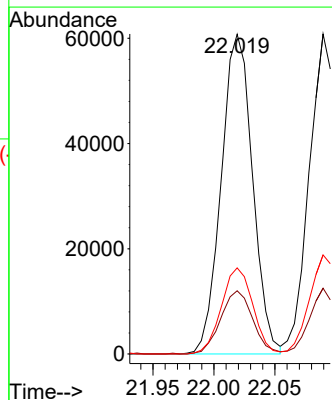
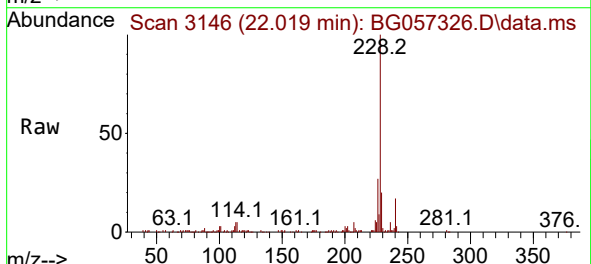
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

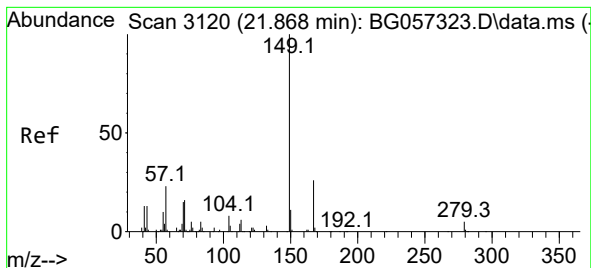
Tgt Ion:252 Resp: 28494
 Ion Ratio Lower Upper
 252 100
 254 62.3 53.7 80.5
 126 6.7 5.2 7.8



#85
 Benzo(a)anthracene
 Concen: 13.331 ng/ul
 RT: 22.019 min Scan# 3146
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

Tgt Ion:228 Resp: 108641
 Ion Ratio Lower Upper
 228 100
 229 19.8 15.8 23.6
 226 26.9 21.7 32.5

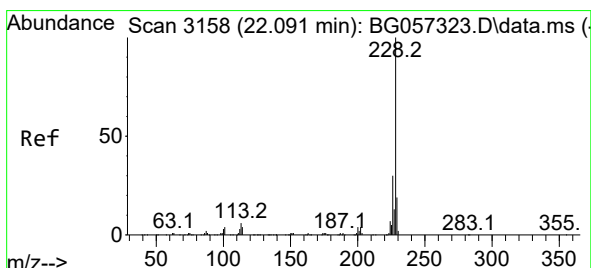
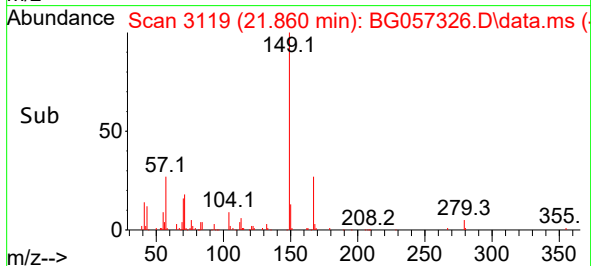
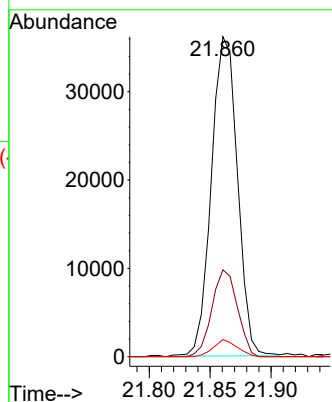
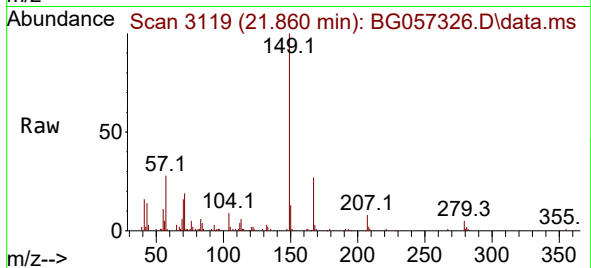




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 14.031 ng/ul
 RT: 21.860 min Scan# 3119
 Delta R.T. -0.008 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

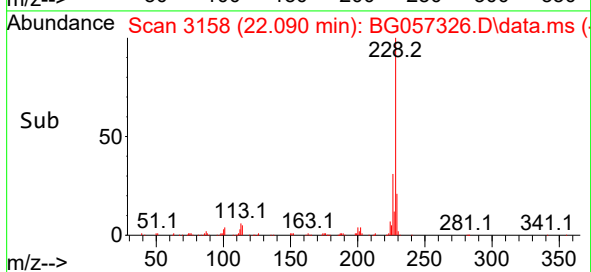
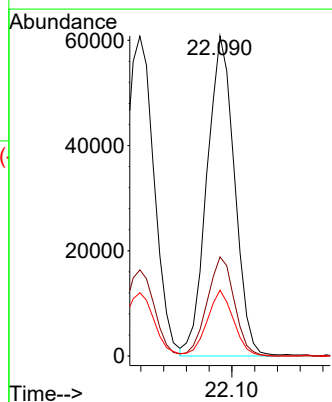
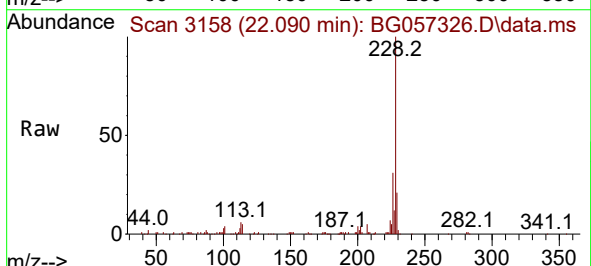
Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

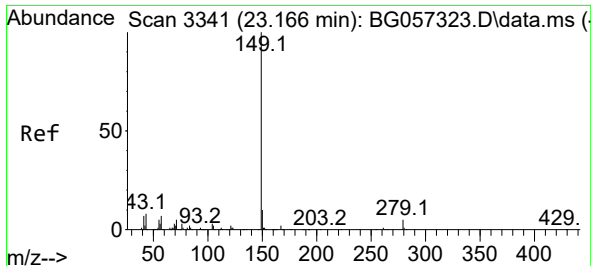
Tgt Ion:149 Resp: 53751
 Ion Ratio Lower Upper
 149 100
 167 27.2 23.0 34.6
 279 5.4 3.6 5.4



#87
 Chrysene
 Concen: 13.342 ng/ul
 RT: 22.090 min Scan# 3158
 Delta R.T. -0.002 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

Tgt Ion:228 Resp: 102588
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.8 34.2
 229 20.6 15.5 23.3

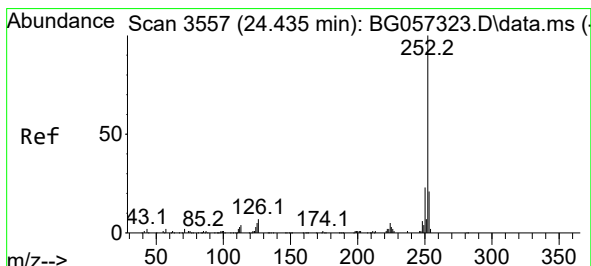
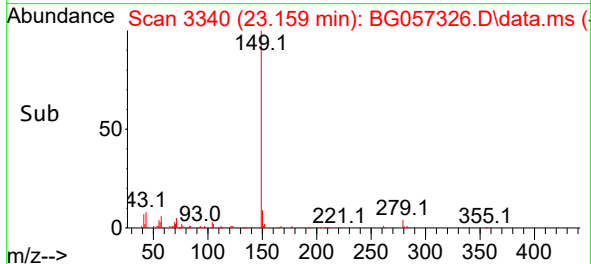
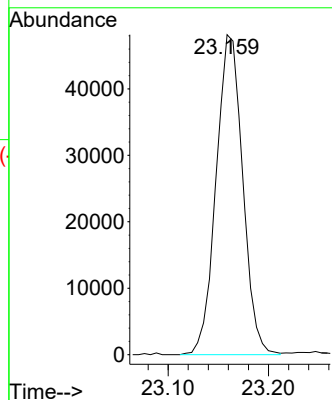
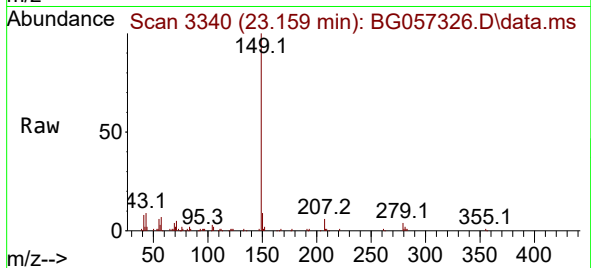




#89
Di-n-octyl phthalate
Concen: 13.713 ng/ul
RT: 23.159 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

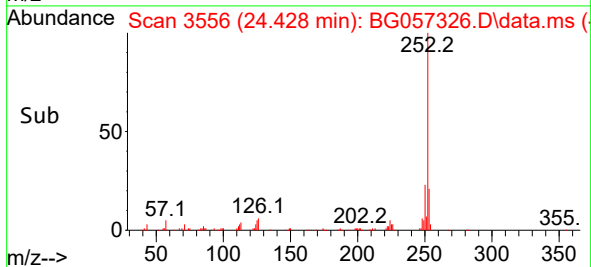
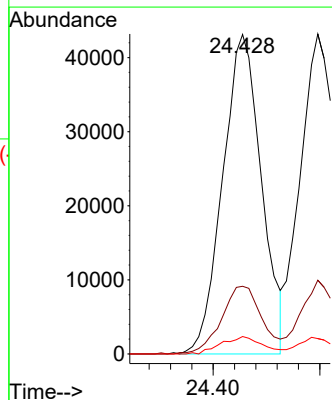
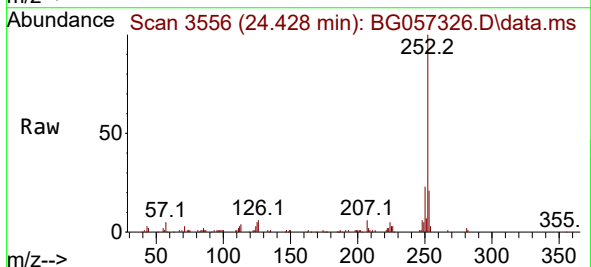
Instrument :
BNA_G
ClientSampleId :
JREA1MS

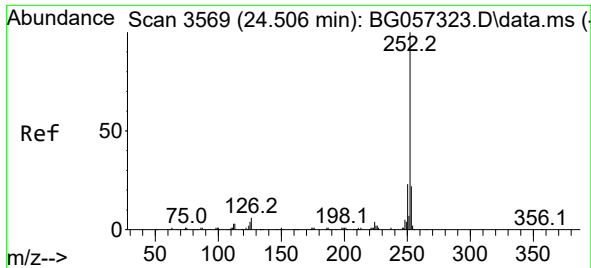
Tgt Ion:149 Resp: 88688



#90
Benzo(b)fluoranthene
Concen: 13.419 ng/ul
RT: 24.428 min Scan# 3556
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:252 Resp: 108831
Ion Ratio Lower Upper
252 100
253 21.2 16.7 25.1
125 5.4 4.8 7.2

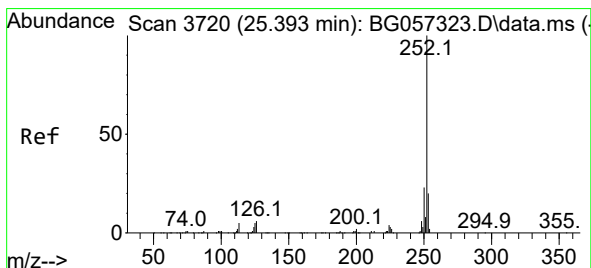
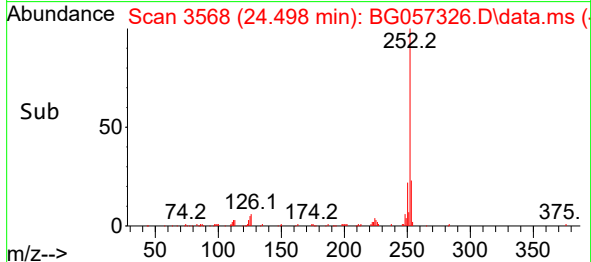
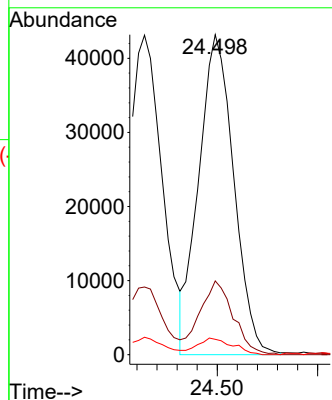
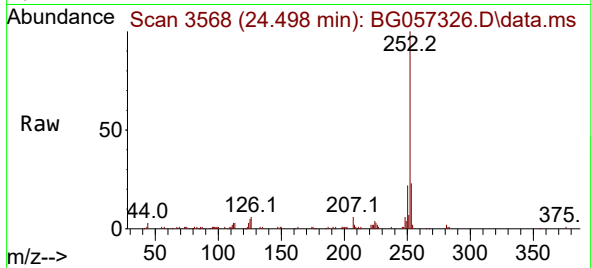




#91
Benzo(k)fluoranthene
Concen: 13.283 ng/ul
RT: 24.498 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

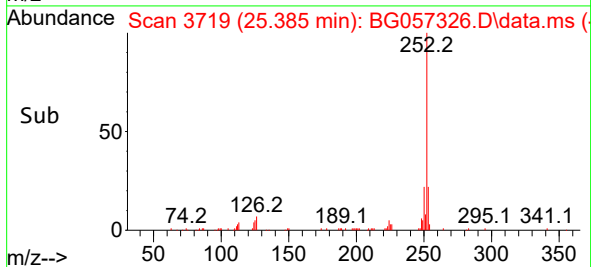
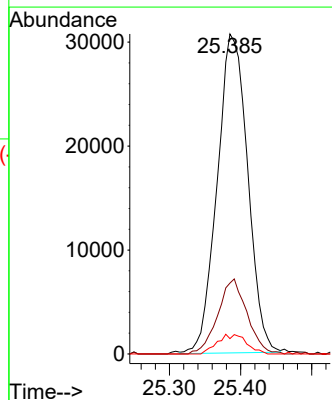
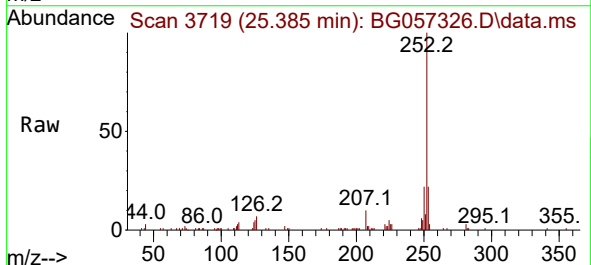
Instrument :
BNA_G
ClientSampleId :
JREA1MS

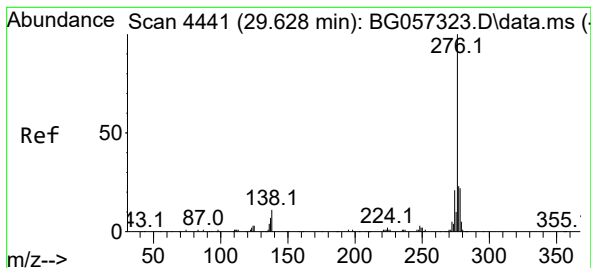
Tgt Ion:252 Resp: 104810
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 4.8 4.5 6.7



#93
Benzo(a)pyrene
Concen: 13.049 ng/ul
RT: 25.385 min Scan# 3719
Delta R.T. -0.008 min
Lab File: BG057326.D
Acq: 8 May 2023 11:12

Tgt Ion:252 Resp: 91369
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 4.8 5.1 7.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.756 ng/ul

RT: 29.621 min Scan# 4440

Delta R.T. -0.008 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

JREA1MS

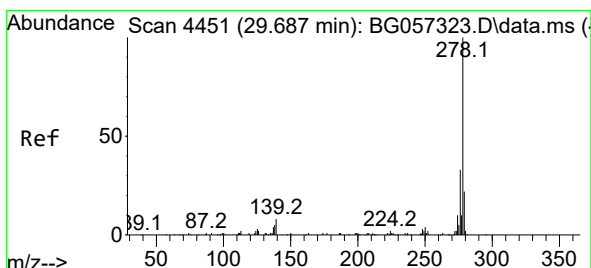
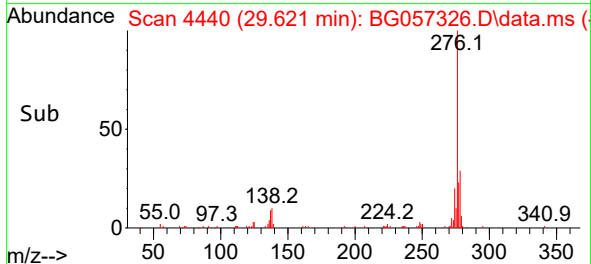
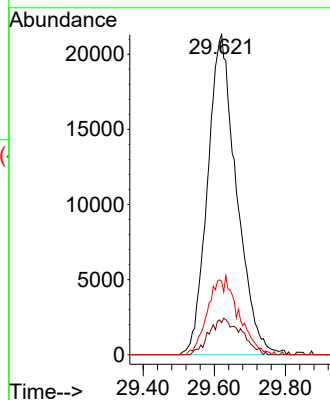
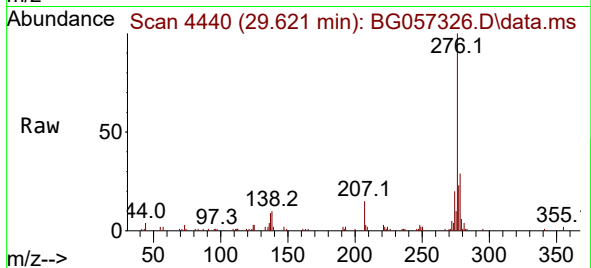
Tgt Ion:276 Resp: 120405

Ion Ratio Lower Upper

276 100

138 10.0 9.4 14.2

277 22.9 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 13.694 ng/ul

RT: 29.673 min Scan# 4449

Delta R.T. -0.013 min

Lab File: BG057326.D

Acq: 8 May 2023 11:12

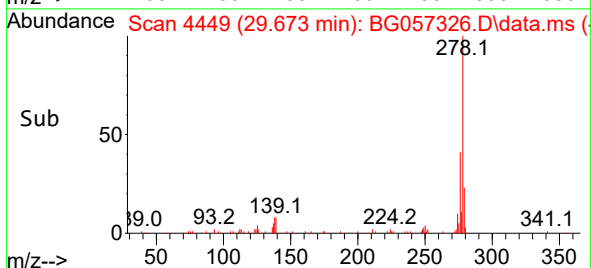
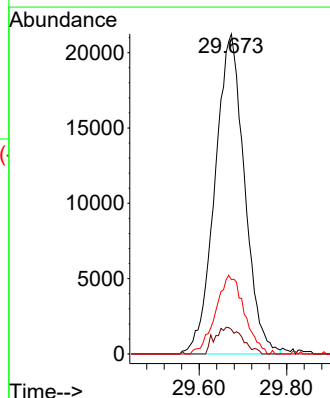
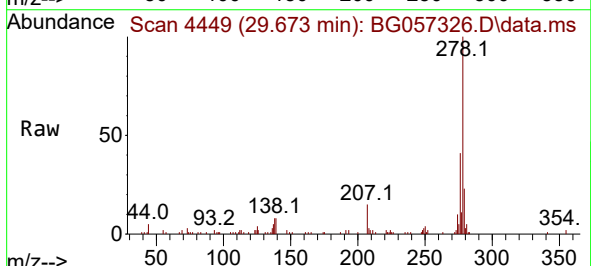
Tgt Ion:278 Resp: 99383

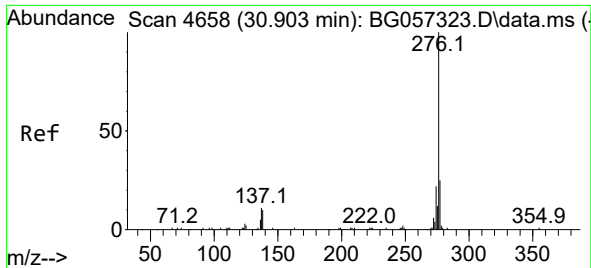
Ion Ratio Lower Upper

278 100

139 7.7 5.8 8.6

279 23.2 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 11.482 ng/ul
 RT: 30.889 min Scan# 4656
 Delta R.T. -0.013 min
 Lab File: BG057326.D
 Acq: 8 May 2023 11:12

Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

Tgt Ion:276 Resp: 81332
 Ion Ratio Lower Upper
 276 100
 138 10.5 8.7 13.1
 277 22.8 18.4 27.6

