

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
 Data File : BG057405.D
 Acq On : 11 May 2023 19:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020487

Quant Time: May 11 23:36:42 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	8.366	152	19221	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	79067	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.975	164	61396	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.718	188	152782	20.000	ng/ul	0.00
79) Chrysene-d12	22.024	240	142183	20.000	ng/ul	0.00
88) Perylene-d12	25.531	264	152287	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	2931	6.710	ng/uL	0.00
4) Pyridine-d5	4.084	84	22270	16.172	ng/ul	0.00
7) Phenol-d5	7.503	99	33151	18.237	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	18604	17.401	ng/ul	0.00
11) 2-Chlorophenol-d4	7.890	132	22629	18.891	ng/ul	0.00
15) 4-Methylphenol-d8	9.071	113	25133	18.192	ng/ul	0.00
21) Nitrobenzene-d5	9.541	128	11935	18.955	ng/ul	0.00
24) 2-Nitrophenol-d4	10.270	143	15390	20.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.816	165	29265	20.642	ng/ul	0.00
31) 4-Chloroaniline-d4	11.327	131	37143	19.767	ng/ul	0.00
46) Dimethylphthalate-d6	14.364	166	91463	18.801	ng/ul	0.00
49) Acenaphthylene-d8	14.675	160	105644	19.321	ng/ul	0.00
54) 4-Nitrophenol-d4	15.163	143	11621	16.411	ng/ul	0.00
60) Fluorene-d10	15.962	176	88336	19.492	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	16497	18.225	ng/ul	0.00
73) Anthracene-d10	17.818	188	137318	19.691	ng/ul	0.00
81) Pyrene-d10	20.080	212	160350	19.000	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.284	264	148363	19.122	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.684	88	3309	7.144	ng/uL#	74
5) Pyridine	4.107	79	25159	17.332	ng/ul	96
6) Benzaldehyde	7.491	77	9492	17.097	ng/ul#	88
8) Phenol	7.532	94	33312	18.182	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.761	93	23688	17.275	ng/ul	96
12) 2-Chlorophenol	7.926	128	24460	19.440	ng/ul	94
13) 2-Methylphenol	8.801	108	25587	18.021	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.877	45	28266	15.989	ng/ul#	94
16) Acetophenone	9.194	105	42588	17.914	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.165	70	22503	16.472	ng/ul	97
18) 4-Methylphenol	9.136	108	28552	18.578	ng/ul	90
19) Hexachloroethane	9.459	117	10203	19.382	ng/ul	95
22) Nitrobenzene	9.582	77	33959	18.112	ng/ul#	94
23) Isophorone	10.105	82	62776	17.597	ng/ul	98
25) 2-Nitrophenol	10.305	139	15190	20.409	ng/ul	97
26) 2,4-Dimethylphenol	10.346	107	33238	19.686	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.575	93	33859	18.259	ng/ul	97
29) 2,4-Dichlorophenol	10.845	162	27262	20.259	ng/ul	93
30) Naphthalene	11.251	128	85231	19.633	ng/ul	98
32) 4-Chloroaniline	11.356	127	37956	19.387	ng/ul	96
33) Hexachlorobutadiene	11.527	225	23434	20.532	ng/ul	94
34) Caprolactam	12.096	113	8408	18.560	ng/ul	88
35) 4-Chloro-3-methylphenol	12.449	107	31388	20.272	ng/ul	98
36) 2-Methylnaphthalene	12.831	142	61462	19.306	ng/ul	97

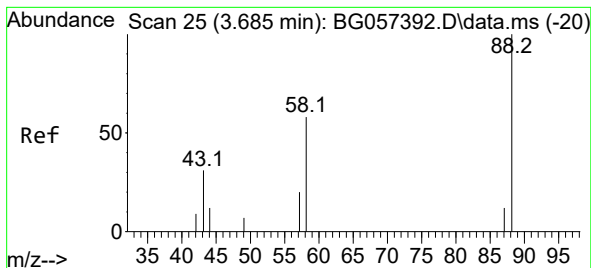
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.048	142	63133	19.722	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.189	216	45245	20.279	ng/ul	97
40) Hexachlorocyclopentadiene	13.160	237	10947	9.832	ng/ul	97
41) 2,4,6-Trichlorophenol	13.424	196	26417	20.330	ng/ul	96
42) 2,4,5-Trichlorophenol	13.506	196	28510	20.435	ng/ul	94
43) 1,1'-Biphenyl	13.812	154	90762	19.374	ng/ul	98
44) 2-Chloronaphthalene	13.865	162	73183	20.147	ng/ul	97
45) 2-Nitroaniline	14.064	65	20901	19.060	ng/ul	94
47) Dimethylphthalate	14.411	163	91366	18.702	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	20526	20.416	ng/ul	91
50) Acenaphthylene	14.705	152	109417	19.692	ng/ul	99
51) 3-Nitroaniline	14.875	138	14121	19.823	ng/ul	98
52) Acenaphthene	15.040	153	75905	19.173	ng/ul	99
53) 2,4-Dinitrophenol	15.098	184	5243	9.793	ng/ul	95
55) 4-Nitrophenol	15.181	109	12628	15.731	ng/ul	96
56) Dibenzofuran	15.368	168	112327	19.649	ng/ul	99
57) 2,4-Dinitrotoluene	15.327	165	28199	19.593	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.598	232	25093	19.794	ng/ul	99
59) Diethylphthalate	15.756	149	92983	18.734	ng/ul	99
61) Fluorene	16.021	166	93796	19.403	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.997	204	55889	19.808	ng/ul	97
63) 4-Nitroaniline	16.032	138	9731	14.425	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.097	198	16479	17.865	ng/ul	92
67) N-Nitrosodiphenylamine	16.209	169	77721	19.474	ng/ul	97
68) 4-Bromophenyl-phenylether	16.890	248	36706	20.101	ng/ul	95
69) Hexachlorobenzene	17.025	284	39193	20.382	ng/ul	97
70) Atrazine	17.143	200	35925	20.254	ng/ul	97
71) Pentachlorophenol	17.372	266	11905	13.394	ng/ul	94
72) Phenanthrene	17.759	178	155873	19.591	ng/ul	99
74) Anthracene	17.853	178	156378	19.567	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.788	216	47508	20.674	ng/ul	99
76) Pentachlorobenzene	15.292	250	47777	20.426	ng/ul	99
77) Carbazole	18.118	167	131432	19.679	ng/ul	99
78) Di-n-butylphthalate	18.635	149	151670	19.859	ng/ul	99
80) Fluoranthene	19.751	202	191951	19.147	ng/ul#	97
82) Pyrene	20.109	202	192660	18.983	ng/ul	99
83) Butylbenzylphthalate	20.961	149	67472	20.760	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.901	252	72436	22.940	ng/ul	98
85) Benzo(a)anthracene	22.007	228	196627	19.553	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.848	149	96524	20.420	ng/ul	98
87) Chrysene	22.077	228	182195	19.204	ng/ul	99
89) Di-n-octyl phthalate	23.140	149	162746	19.352	ng/ul	100
90) Benzo(b)fluoranthene	24.403	252	194503	18.444	ng/ul	97
91) Benzo(k)fluoranthene	24.480	252	193080	18.819	ng/ul	99
93) Benzo(a)pyrene	25.361	252	170639	18.743	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.573	276	216942	19.062	ng/ul	97
95) Dibenzo(a,h)anthracene	29.632	278	180619	19.140	ng/ul	98
96) Benzo(g,h,i)perylene	30.836	276	173308	18.816	ng/ul	97

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



#2

1,4-Dioxane

Concen: 7.144 ng/uL

RT: 3.684 min Scan# 21

Delta R.T. -0.001 min

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BNA_G

ClientSampleId :

SSTD020487

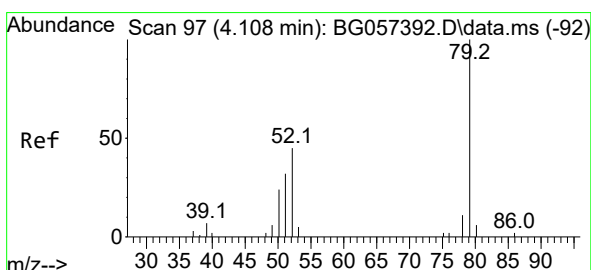
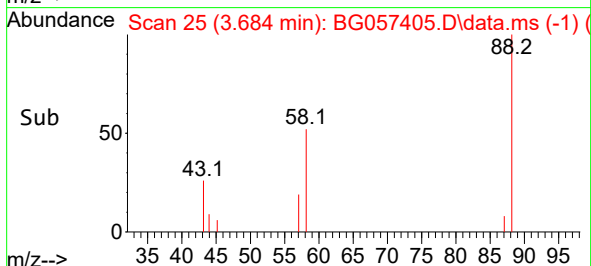
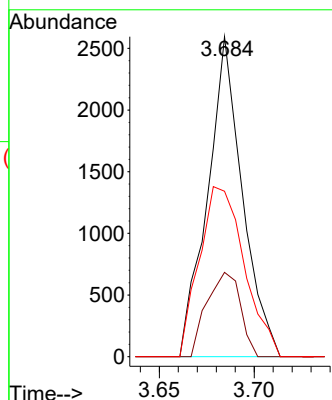
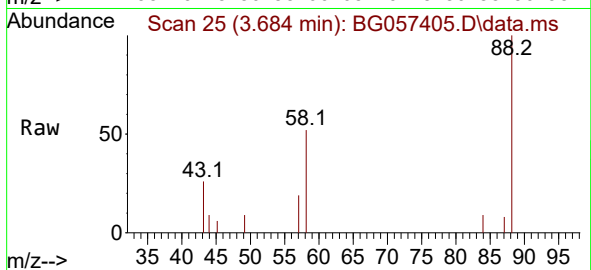
Tgt Ion: 88 Resp: 3309

Ion Ratio Lower Upper

88 100

43 26.4 28.2 42.4#

58 51.7 63.3 94.9#



#5

Pyridine

Concen: 17.332 ng/uL

RT: 4.107 min Scan# 97

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

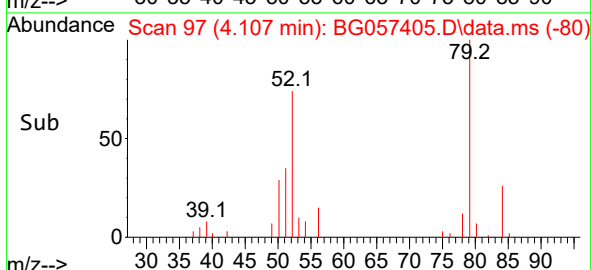
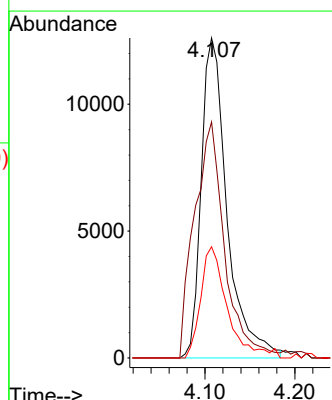
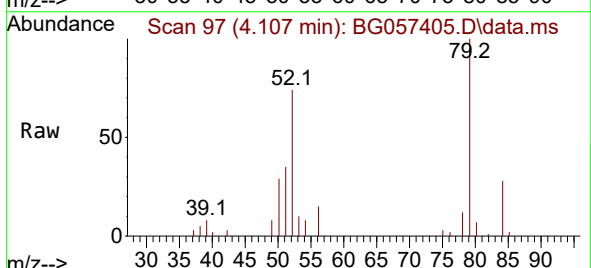
Tgt Ion: 79 Resp: 25159

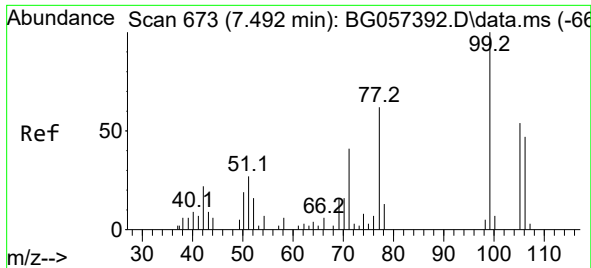
Ion Ratio Lower Upper

79 100

52 73.7 62.4 93.6

51 34.7 29.0 43.4

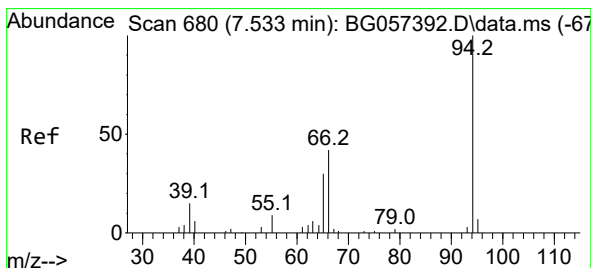
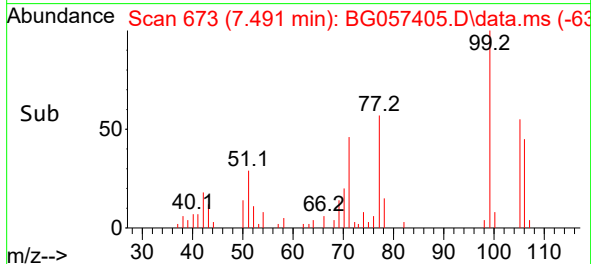
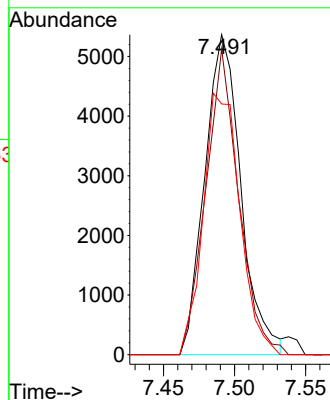
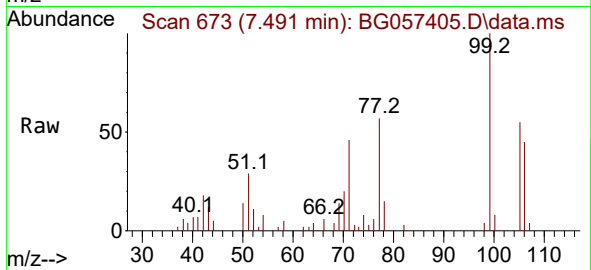




#6
Benzaldehyde
Concen: 17.097 ng/ul
RT: 7.491 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

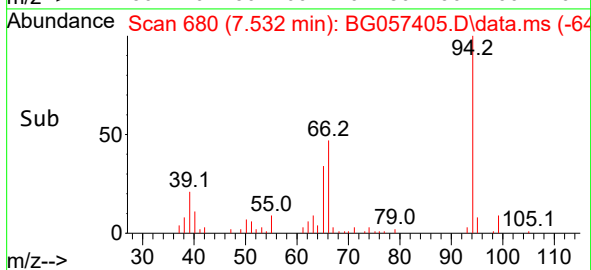
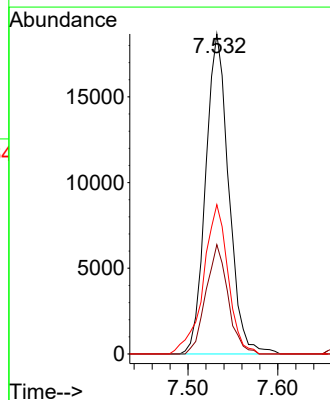
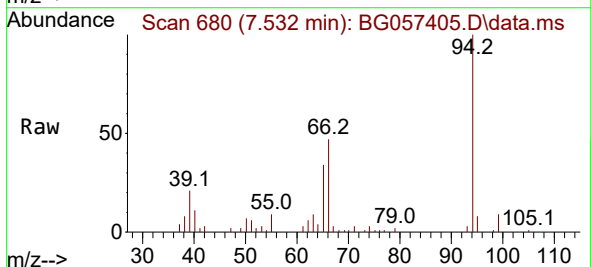
Instrument :
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SSTD020487

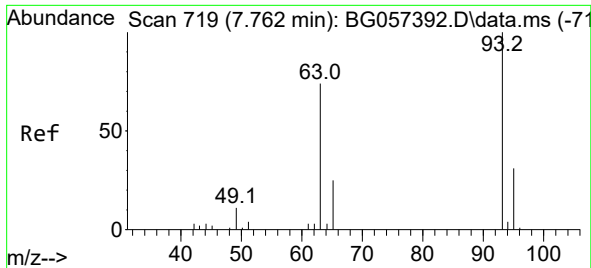
Tgt Ion: 77 Resp: 9492
Ion Ratio Lower Upper
77 100
105 95.6 79.8 119.6
106 78.3 78.7 118.1#



#8
Phenol
Concen: 18.182 ng/ul
RT: 7.532 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion: 94 Resp: 33312
Ion Ratio Lower Upper
94 100
65 34.1 25.5 38.3
66 46.7 36.9 55.3

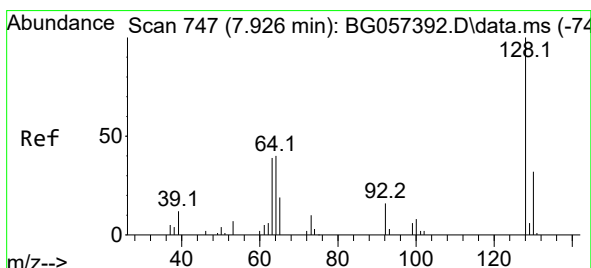
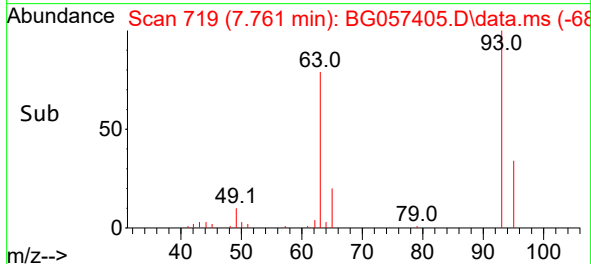
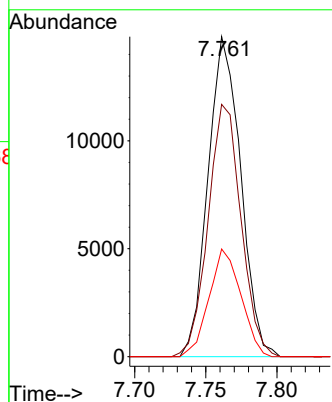
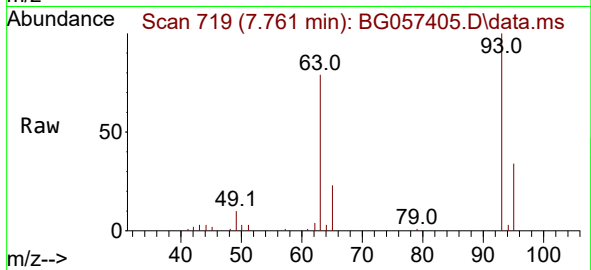




#10
Bis(2-Chloroethyl)ether
Concen: 17.275 ng/ul
RT: 7.761 min Scan# 719
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

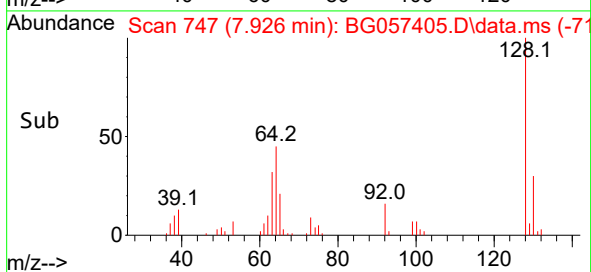
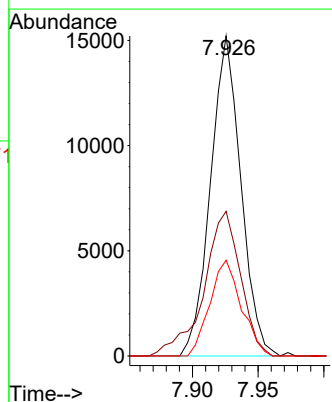
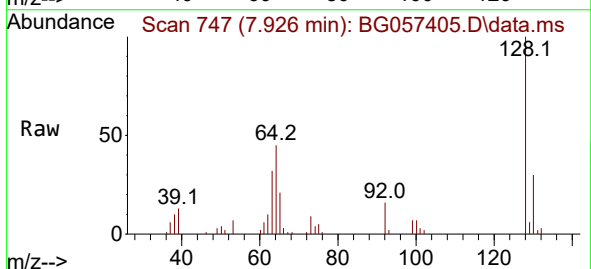
Instrument :
BNA_G
ClientSampleId :
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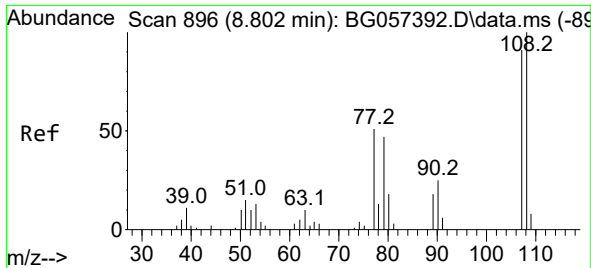
Tgt Ion: 93 Resp: 23688
Ion Ratio Lower Upper
93 100
63 78.9 67.2 100.8
95 33.7 26.3 39.5



#12
2-Chlorophenol
Concen: 19.440 ng/ul
RT: 7.926 min Scan# 747
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:128 Resp: 24460
Ion Ratio Lower Upper
128 100
64 45.2 41.3 61.9
130 29.9 24.6 37.0





#13

2-Methylphenol

Concen: 18.021 ng/ul

RT: 8.801 min Scan# 896

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

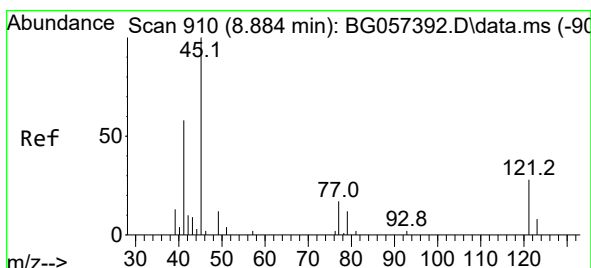
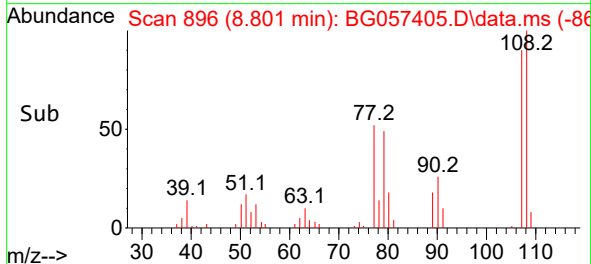
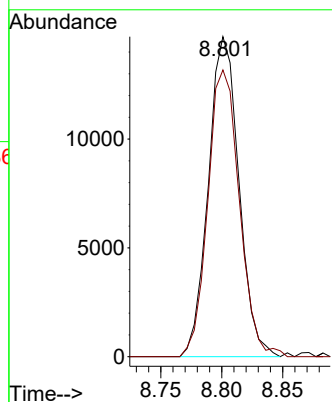
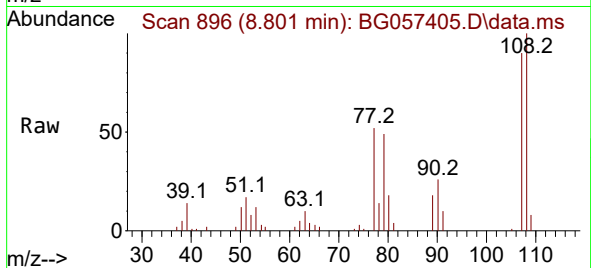
SSTD020487

Tgt Ion:108 Resp: 25587

Ion Ratio Lower Upper

108 100

107 89.6 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 15.989 ng/ul

RT: 8.877 min Scan# 909

Delta R.T. -0.007 min

Lab File: BG057405.D

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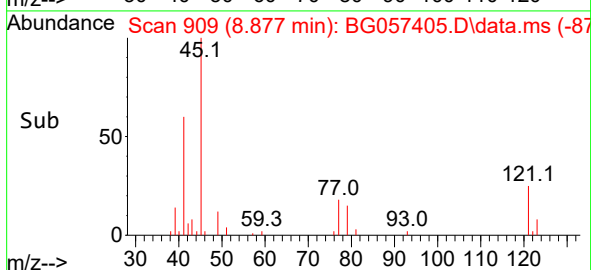
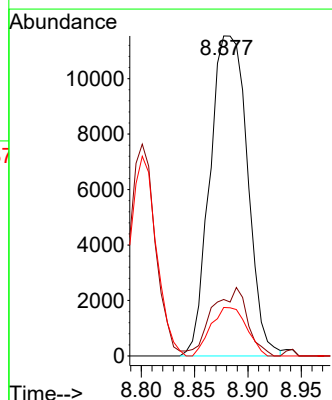
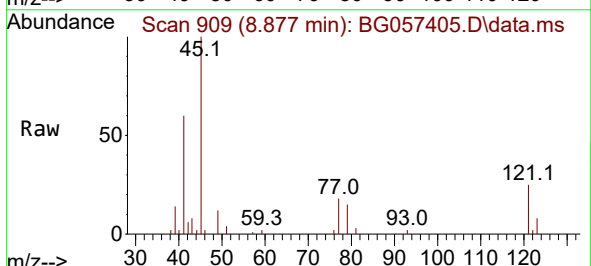
Tgt Ion: 45 Resp: 28266

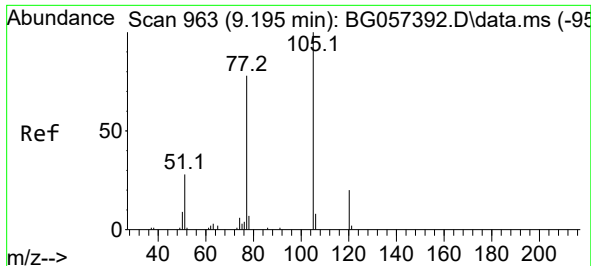
Ion Ratio Lower Upper

45 100

77 17.6 12.9 19.3

79 15.2 8.9 13.3#

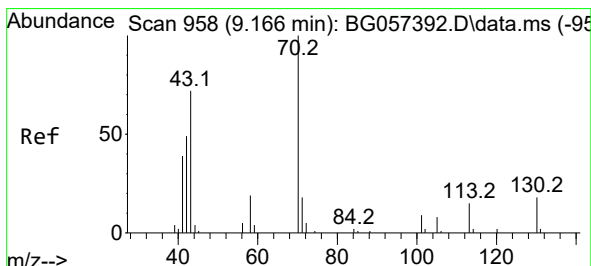
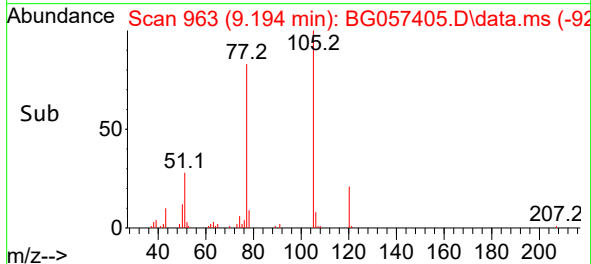
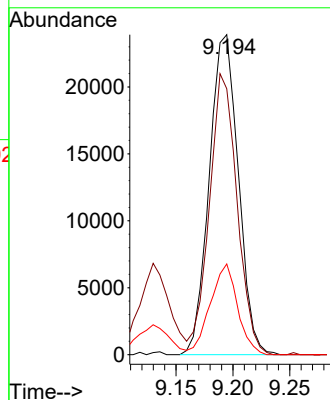
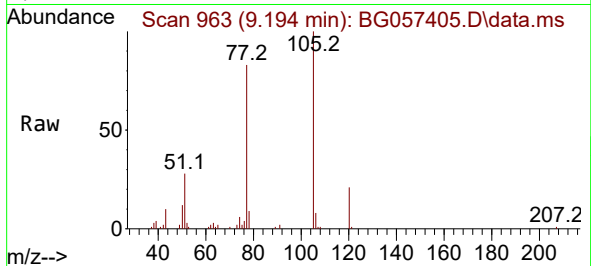




#16
Acetophenone
Concen: 17.914 ng/ul
RT: 9.194 min Scan# 914
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

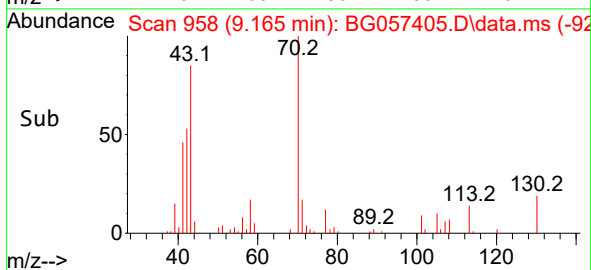
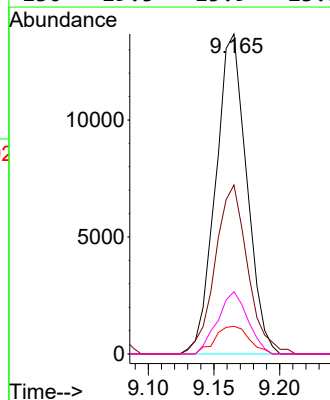
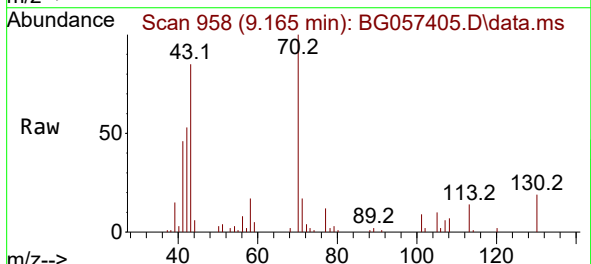
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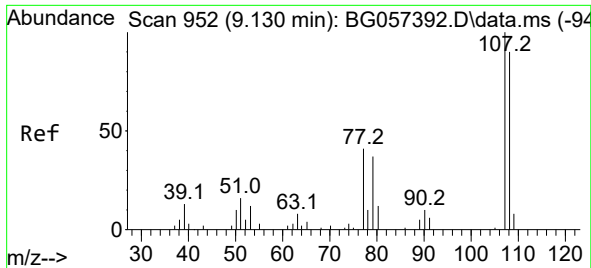
Tgt Ion:105 Resp: 42588
Ion Ratio Lower Upper
105 100
77 83.1 70.6 105.8
51 28.3 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 16.472 ng/ul
RT: 9.165 min Scan# 958
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion: 70 Resp: 22503
Ion Ratio Lower Upper
70 100
42 52.8 45.0 67.4
101 8.7 6.5 9.7
130 19.5 15.9 23.9

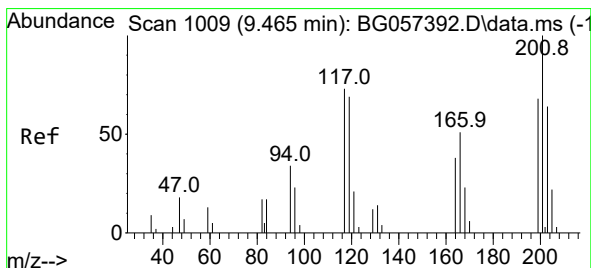
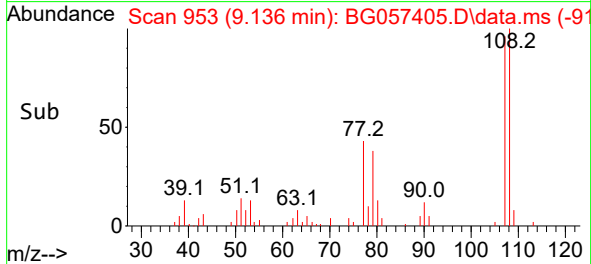
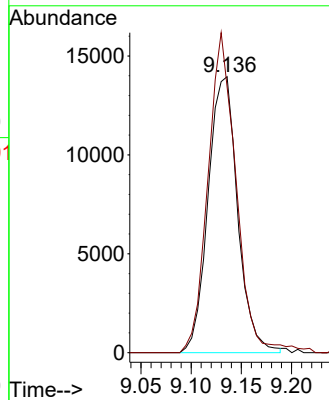
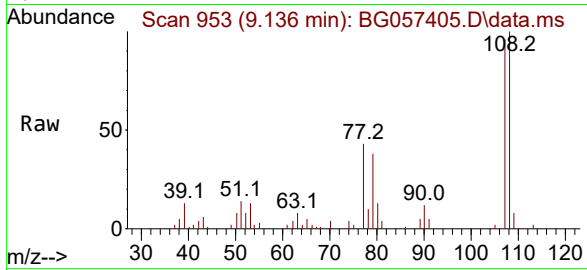




#18
4-Methylphenol
Concen: 18.578 ng/ul
RT: 9.136 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

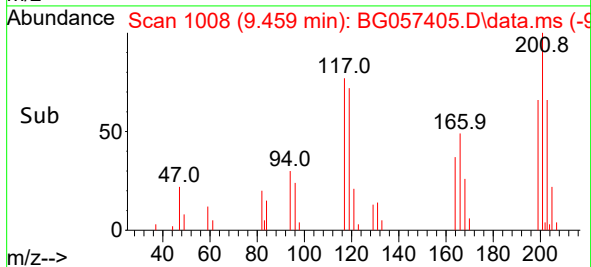
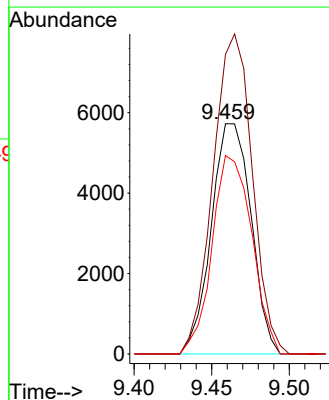
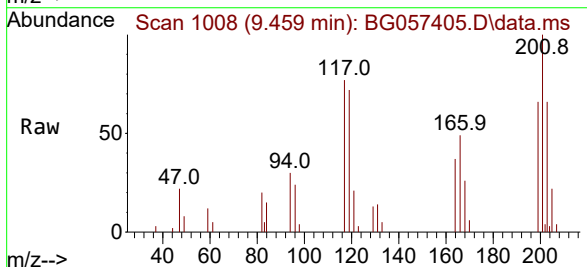
Instrument :
BNA_G
ClientSampleId :
SSTD020487

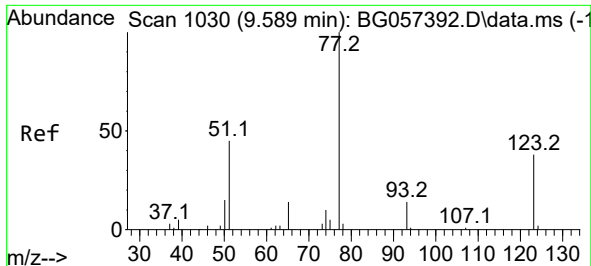
Tgt Ion:108 Resp: 28552
Ion Ratio Lower Upper
108 100
107 96.4 85.1 127.7



#19
Hexachloroethane
Concen: 19.382 ng/ul
RT: 9.459 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:117 Resp: 10203
Ion Ratio Lower Upper
117 100
201 130.1 109.4 164.2
199 86.2 65.4 98.2





#22

Nitrobenzene

Concen: 18.112 ng/ul

RT: 9.582 min Scan# 11029

Delta R.T. -0.007 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

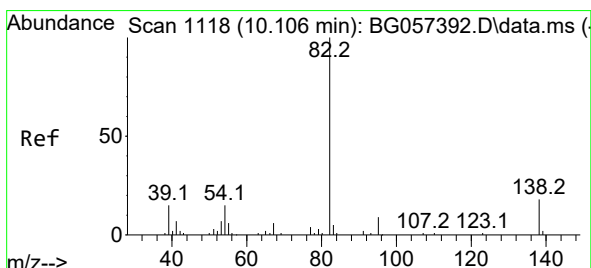
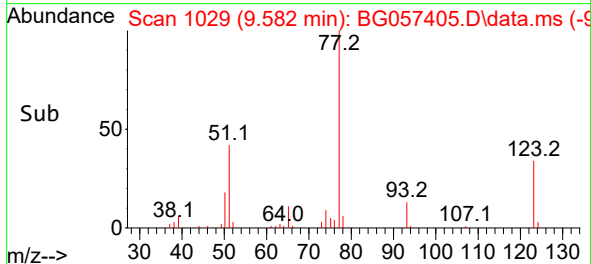
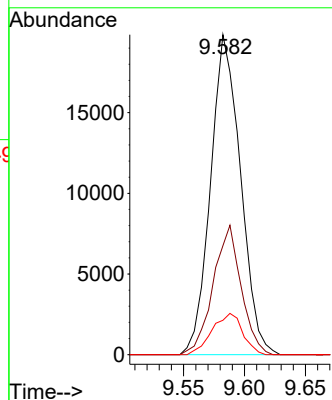
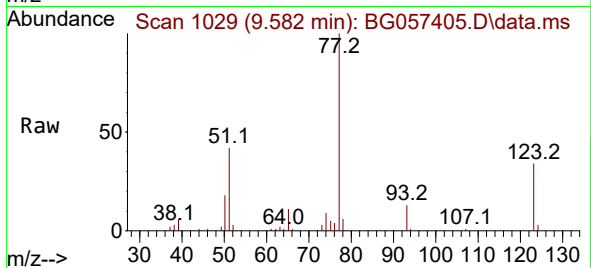
Tgt Ion: 77 Resp: 33959

Ion Ratio Lower Upper

77 100

123 34.1 29.6 44.4

65 10.8 11.4 17.0#



#23

Isophorone

Concen: 17.597 ng/ul

RT: 10.105 min Scan# 1118

Delta R.T. 0.005 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

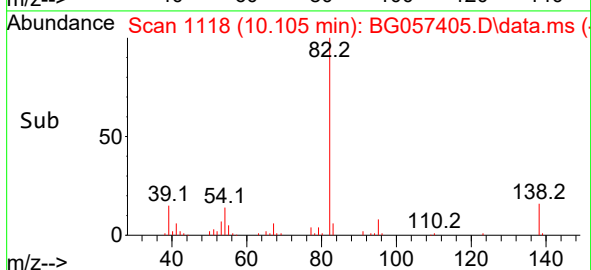
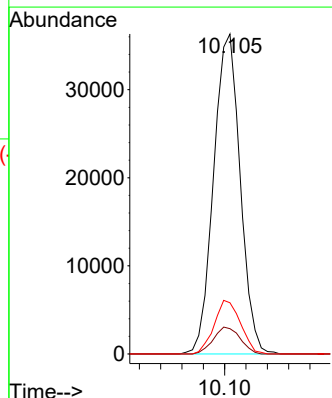
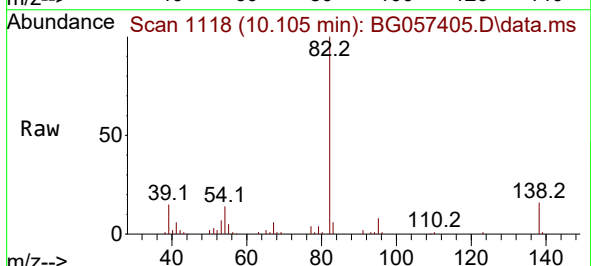
Tgt Ion: 82 Resp: 62776

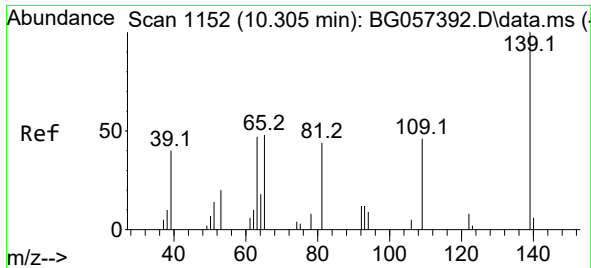
Ion Ratio Lower Upper

82 100

95 7.9 6.8 10.2

138 16.0 12.2 18.2

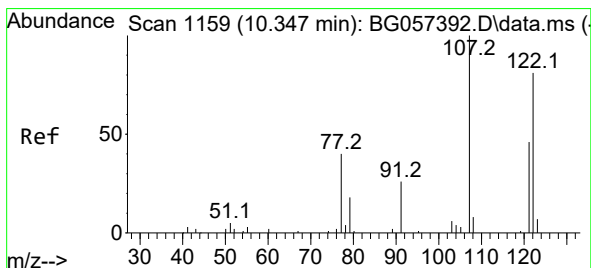
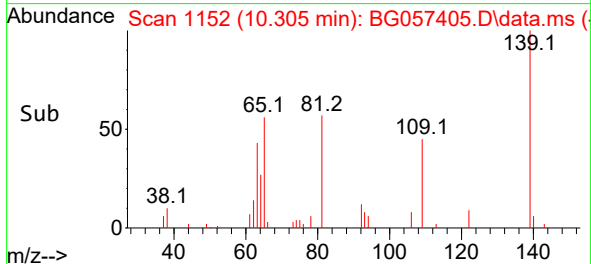
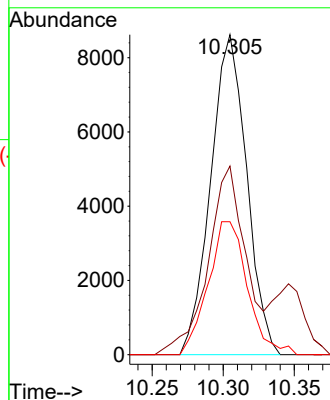
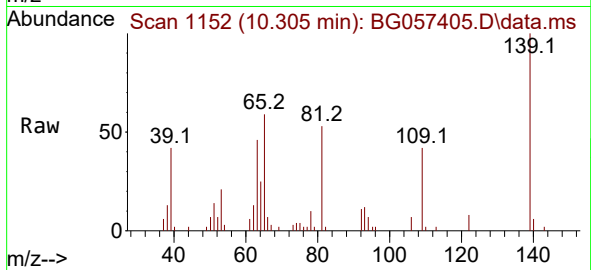




#25
2-Nitrophenol
Concen: 20.409 ng/ul
RT: 10.305 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

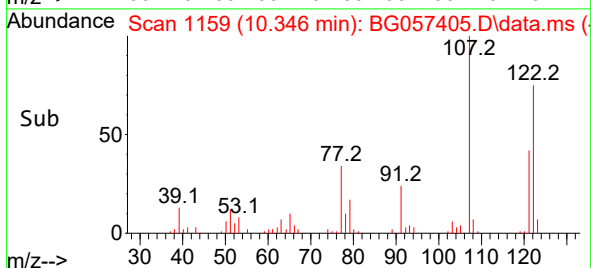
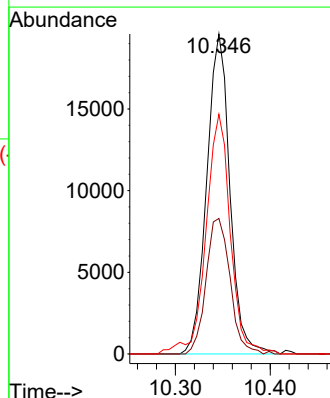
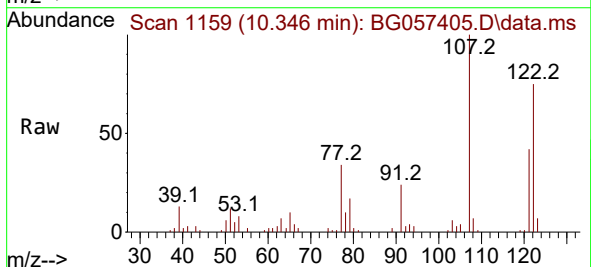
Instrument :
BNA_G
ClientSampleId :
SSTD020487

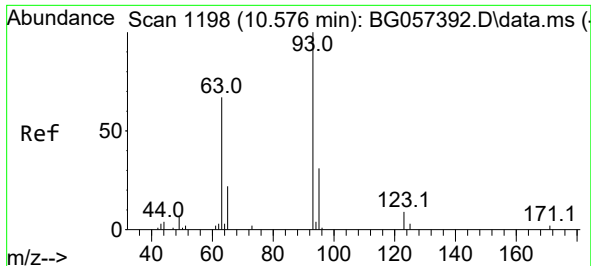
Tgt Ion:	139	Resp:	15190
Ion Ratio	Lower	Upper	
139	100		
65	59.0	48.7	73.1
109	41.6	35.2	52.8



#26
2,4-Dimethylphenol
Concen: 19.686 ng/ul
RT: 10.346 min Scan# 1159
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:	107	Resp:	33238
Ion Ratio	Lower	Upper	
107	100		
121	42.3	35.4	53.0
122	74.9	57.0	85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 18.259 ng/ul

RT: 10.575 min Scan# 1198

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

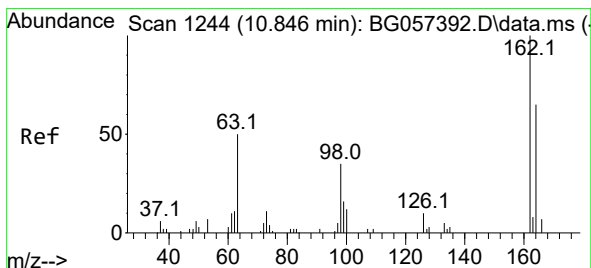
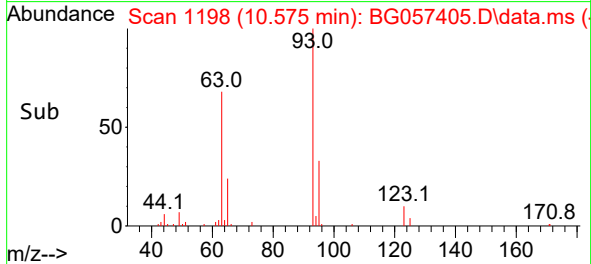
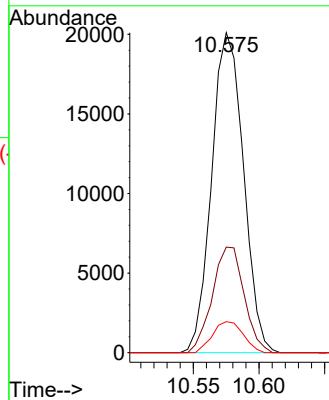
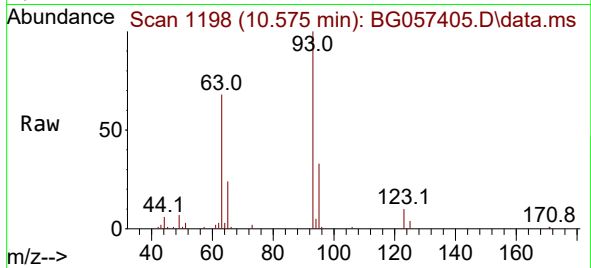
Tgt Ion: 93 Resp: 33859

Ion Ratio Lower Upper

93 100

95 33.0 24.8 37.2

123 9.7 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 20.259 ng/ul

RT: 10.845 min Scan# 1244

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

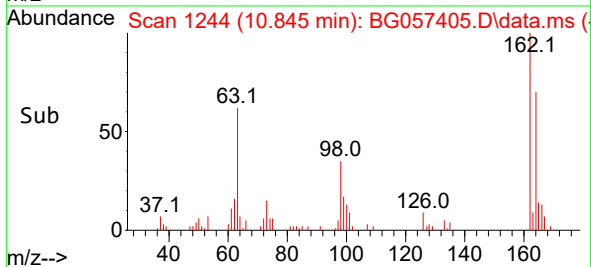
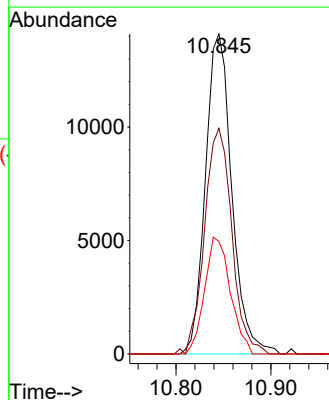
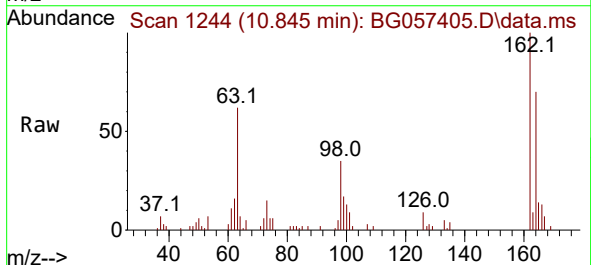
Tgt Ion:162 Resp: 27262

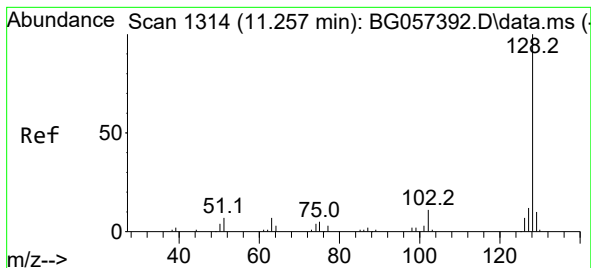
Ion Ratio Lower Upper

162 100

164 70.5 50.5 75.7

98 35.2 27.5 41.3





#30

Naphthalene

Concen: 19.633 ng/ul

RT: 11.251 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

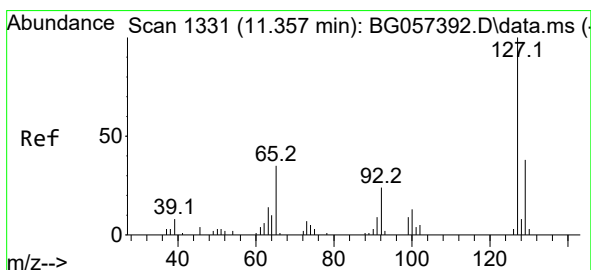
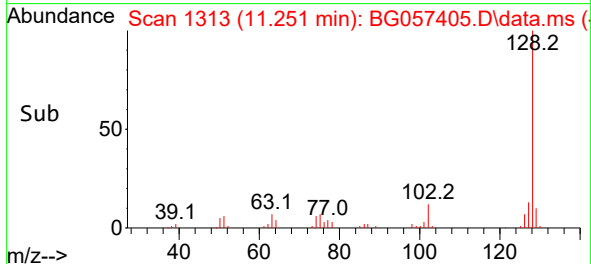
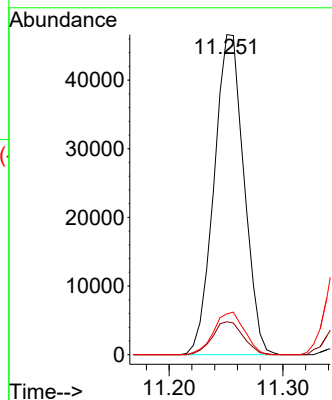
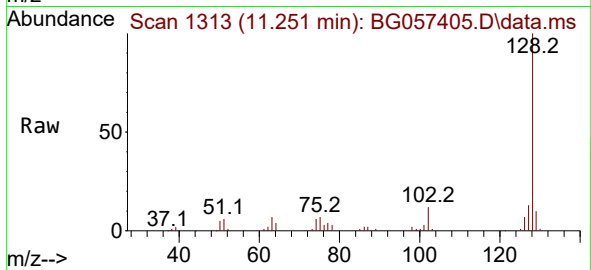
Tgt Ion:128 Resp: 85231

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 12.8 11.4 17.0



#32

4-Chloroaniline

Concen: 19.387 ng/ul

RT: 11.356 min Scan# 1331

Delta R.T. -0.001 min

Lab File: BG057405.D

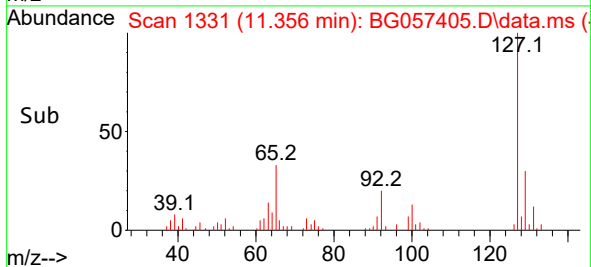
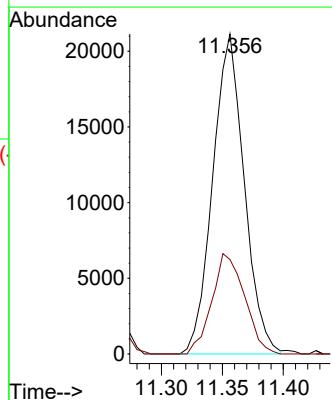
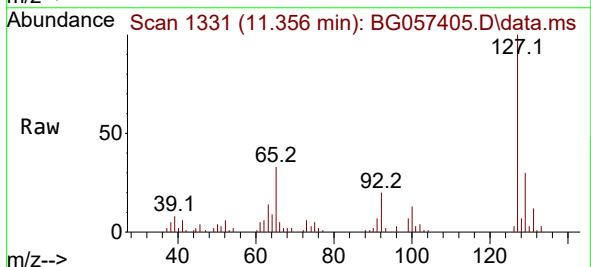
Acq: 11 May 2023 19:32

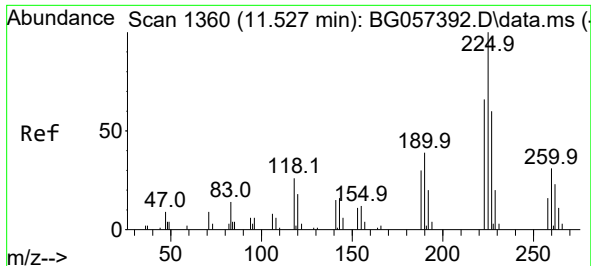
Tgt Ion:127 Resp: 37956

Ion Ratio Lower Upper

127 100

129 29.5 25.4 38.0

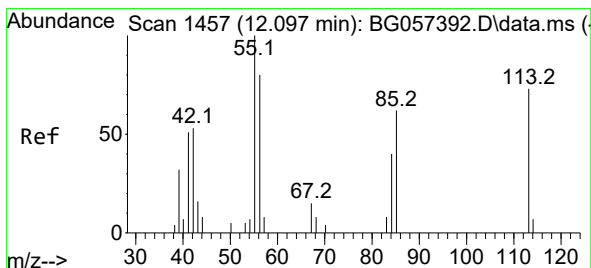
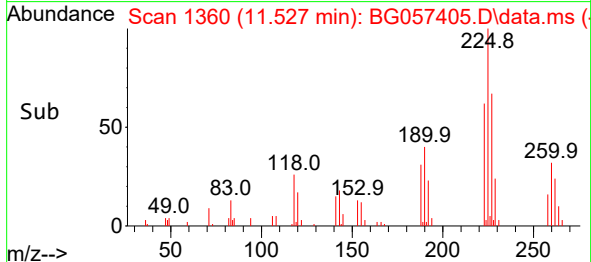
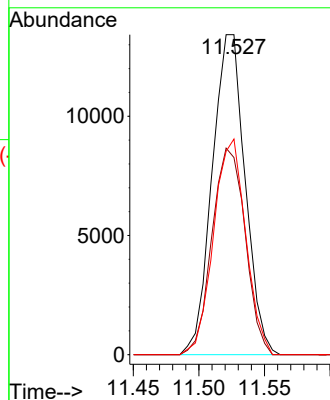
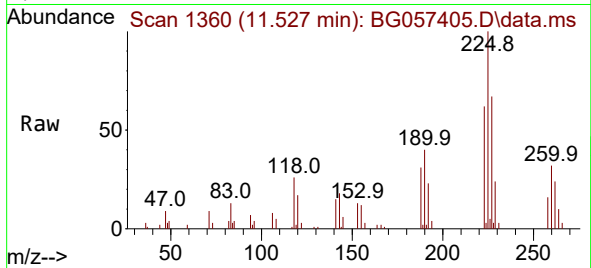




#33
Hexachlorobutadiene
Concen: 20.532 ng/ul
RT: 11.527 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

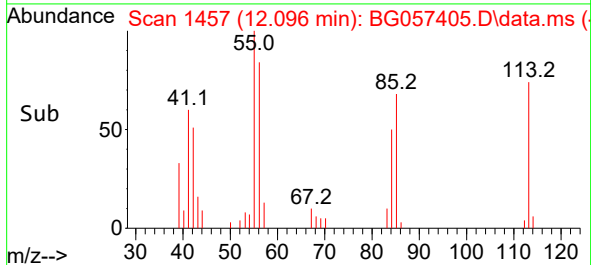
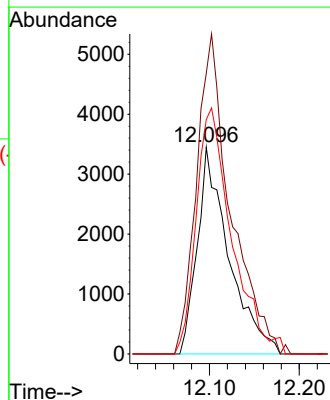
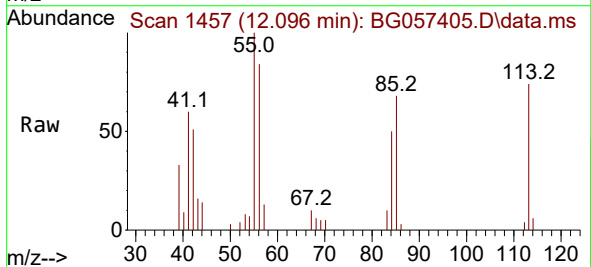
Instrument :
BNA_G
ClientSampleId :
SSTD020487

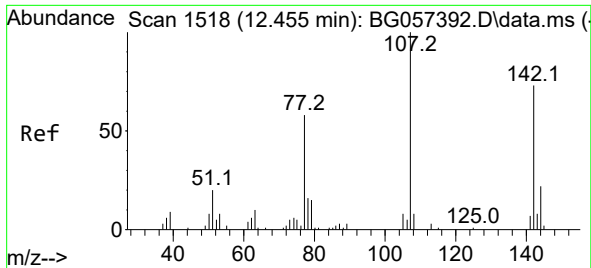
Tgt Ion:225 Resp: 23434
Ion Ratio Lower Upper
225 100
223 61.6 47.5 71.3
227 67.4 48.4 72.6



#34
Caprolactam
Concen: 18.560 ng/ul
RT: 12.096 min Scan# 1457
Delta R.T. -0.007 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:113 Resp: 8408
Ion Ratio Lower Upper
113 100
55 135.8 123.1 184.7
56 113.5 98.7 148.1

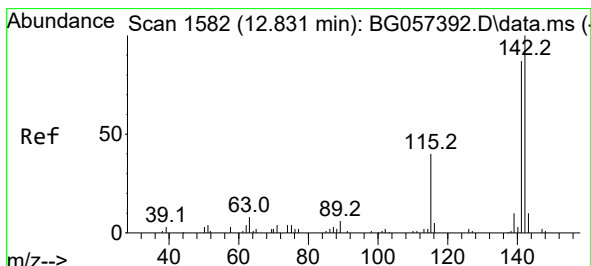
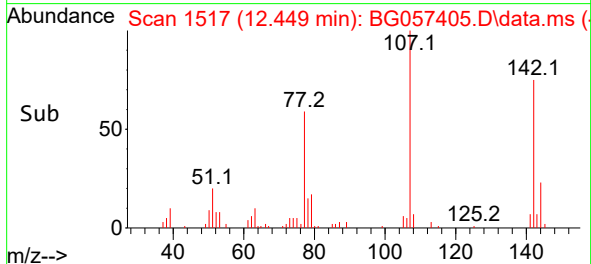
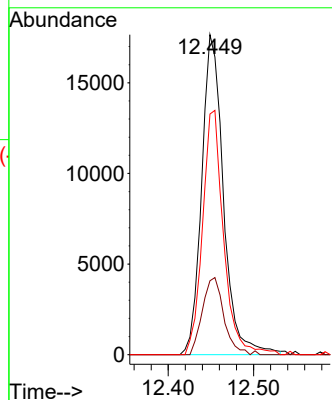
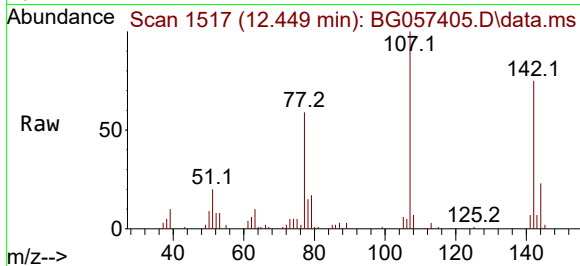




#35
 4-Chloro-3-methylphenol
 Concen: 20.272 ng/ul
 RT: 12.449 min Scan# 1517
 Delta R.T. -0.001 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

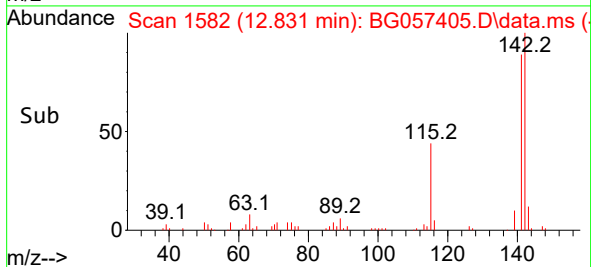
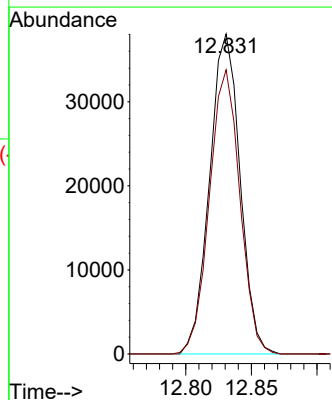
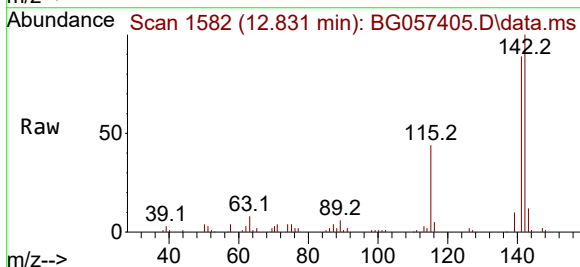
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020487

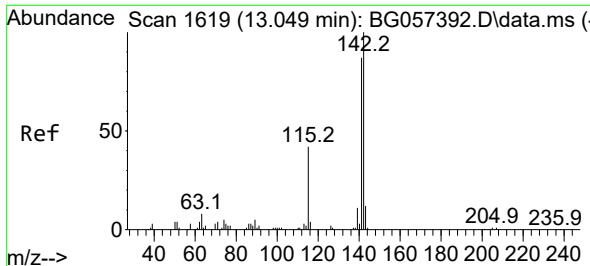
Tgt Ion:107 Resp: 31388
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.3 27.5
 142 75.2 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 19.306 ng/ul
 RT: 12.831 min Scan# 1582
 Delta R.T. -0.001 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

Tgt Ion:142 Resp: 61462
 Ion Ratio Lower Upper
 142 100
 141 88.8 68.7 103.1

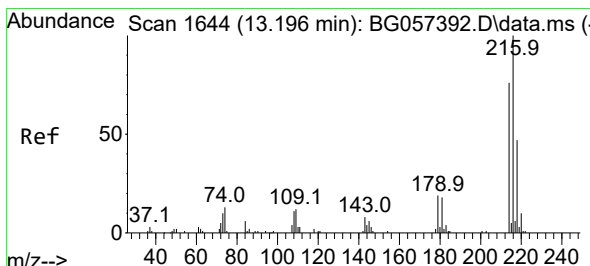
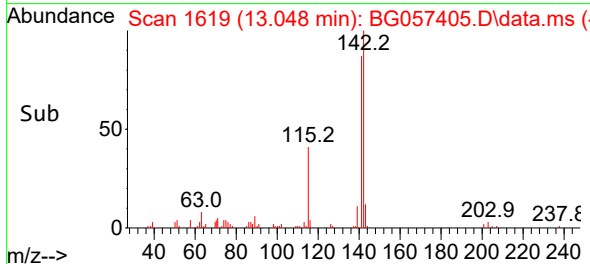
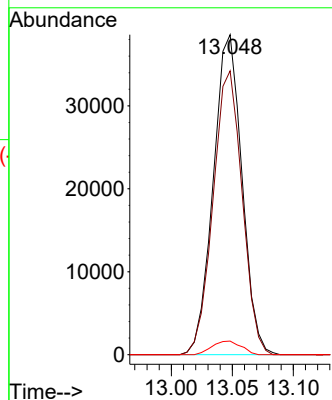
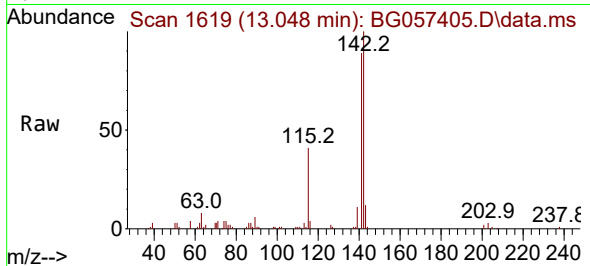




#37
1-Methylnaphthalene
Concen: 19.722 ng/ul
RT: 13.048 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

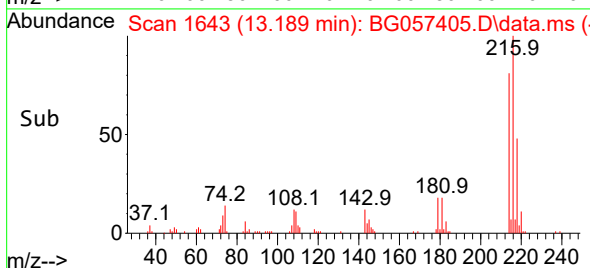
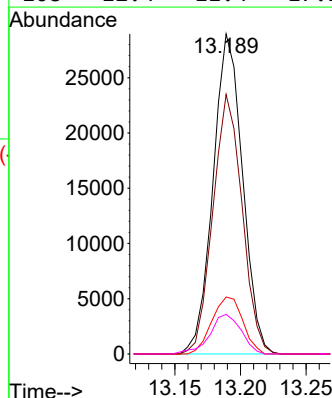
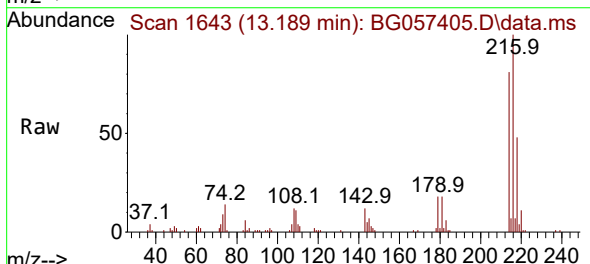
Instrument :
BNA_G
ClientSampleId :
SSTD020487

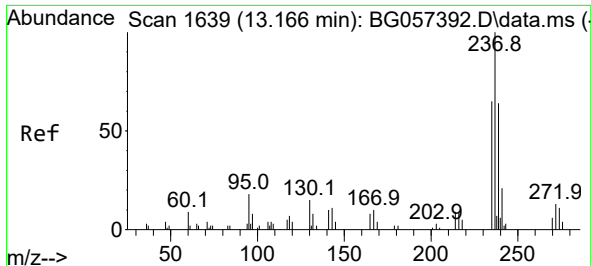
Tgt Ion:142 Resp: 63133
Ion Ratio Lower Upper
142 100
141 88.7 72.9 109.3
116 4.3 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.279 ng/ul
RT: 13.189 min Scan# 1643
Delta R.T. -0.007 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:216 Resp: 45245
Ion Ratio Lower Upper
216 100
214 81.1 62.9 94.3
179 17.8 15.3 22.9
108 12.4 11.4 17.2

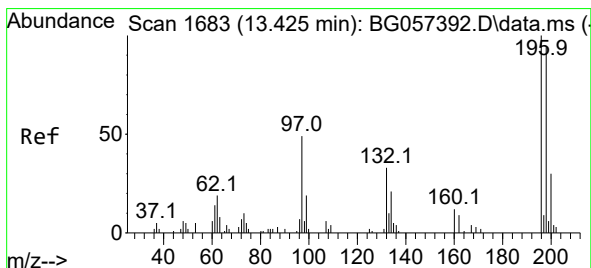
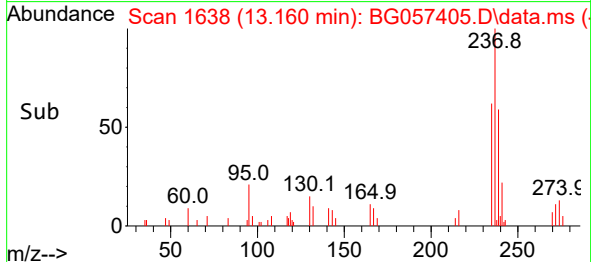
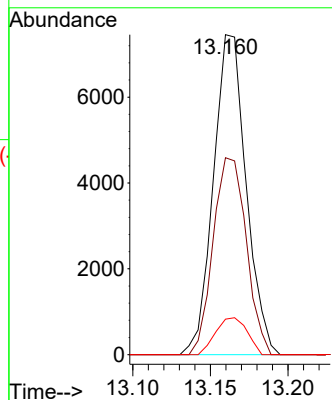
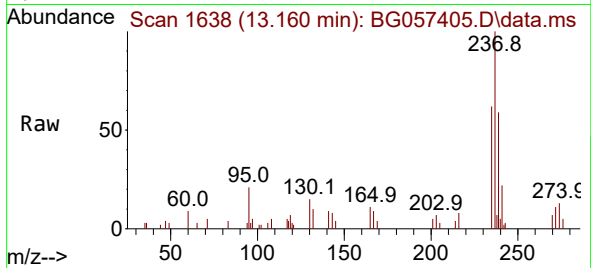




#40
Hexachlorocyclopentadiene
Concen: 9.832 ng/ul
RT: 13.160 min Scan# 1638
Delta R.T. -0.007 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

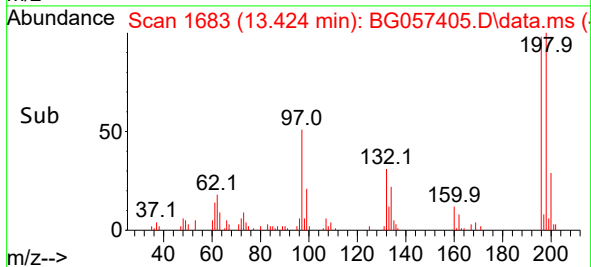
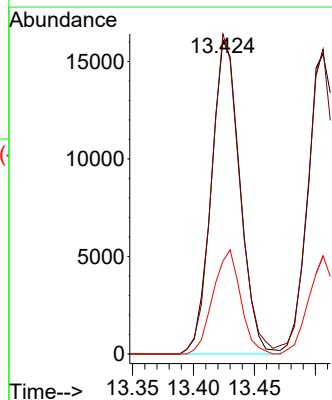
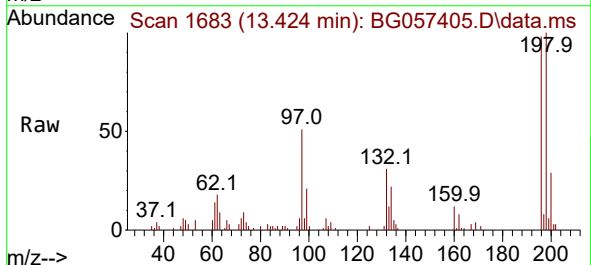
Instrument :
BNA_G
ClientSampleId :
SSTD020487

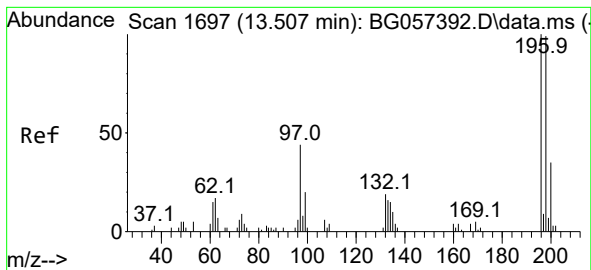
Tgt Ion:237	Resp:	10947
Ion Ratio	Lower	Upper
237	100	
235	61.5	51.4 77.0
272	11.1	9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 20.330 ng/ul
RT: 13.424 min Scan# 1683
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:196	Resp:	26417
Ion Ratio	Lower	Upper
196	100	
198	101.9	83.8 125.8
200	29.5	26.6 40.0

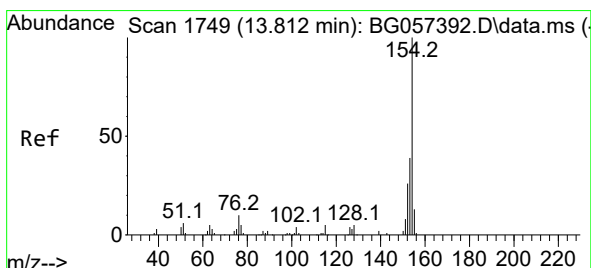
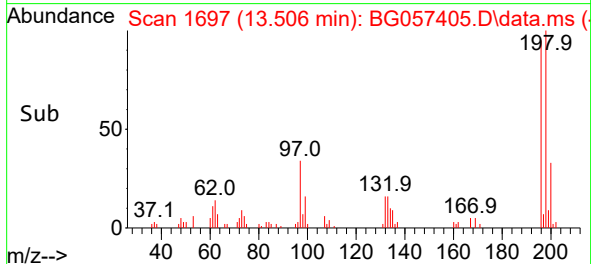
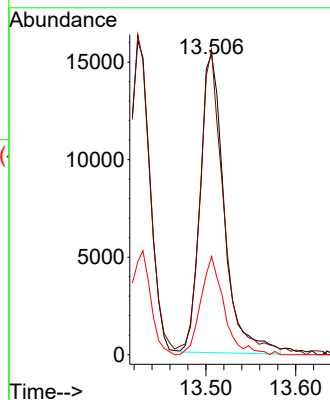
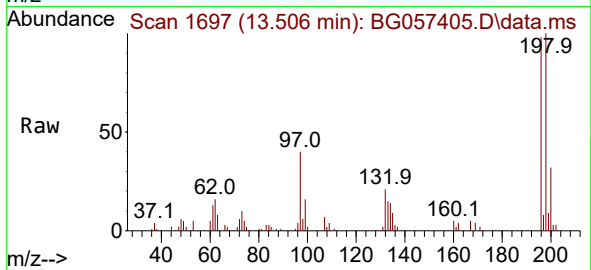




#42
2,4,5-Trichlorophenol
Concen: 20.435 ng/ul
RT: 13.506 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

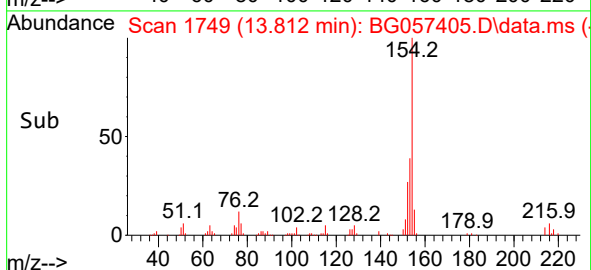
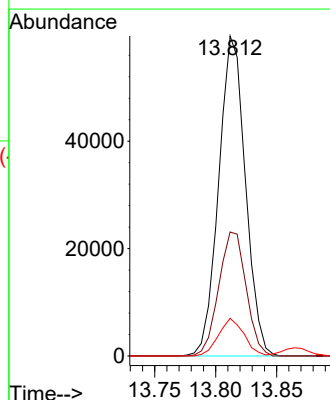
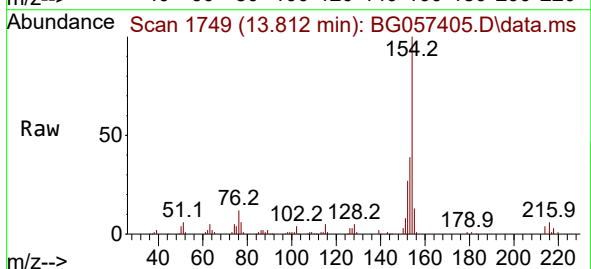
Instrument :
BNA_G
ClientSampleId :
SSTD020487

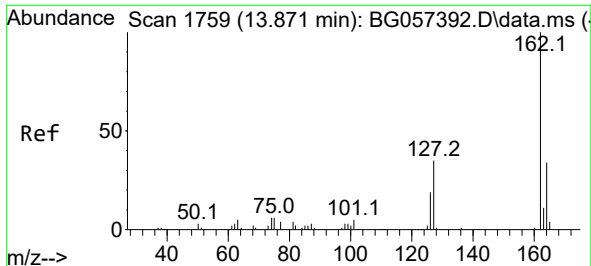
Tgt Ion:196 Resp: 28510
Ion Ratio Lower Upper
196 100
198 101.5 85.7 128.5
200 32.7 29.9 44.9



#43
1,1'-Biphenyl
Concen: 19.374 ng/ul
RT: 13.812 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:154 Resp: 90762
Ion Ratio Lower Upper
154 100
153 38.8 31.6 47.4
76 11.7 8.0 12.0

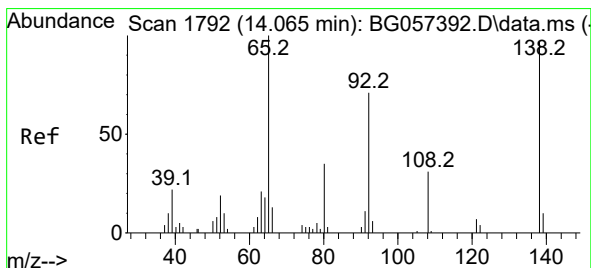
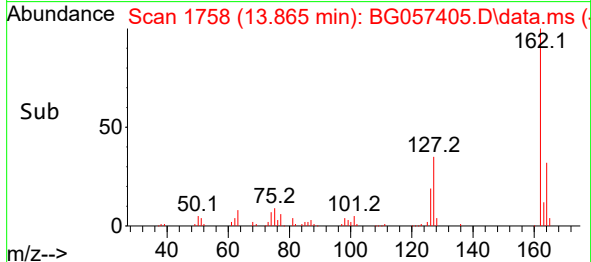
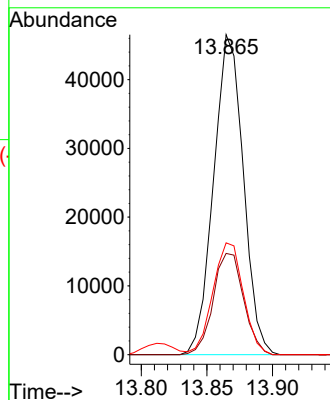
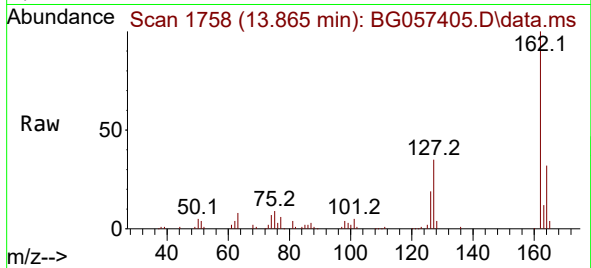




#44
2-Chloronaphthalene
Concen: 20.147 ng/ul
RT: 13.865 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

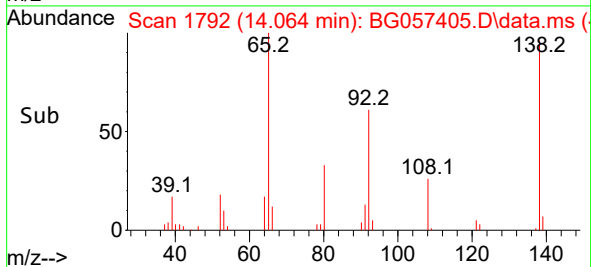
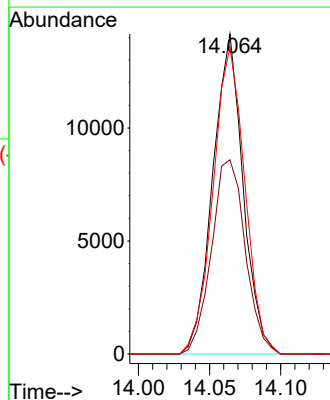
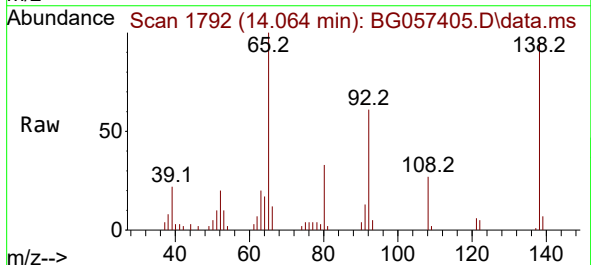
Instrument :
BNA_G
ClientSampleId :
SSTD020487

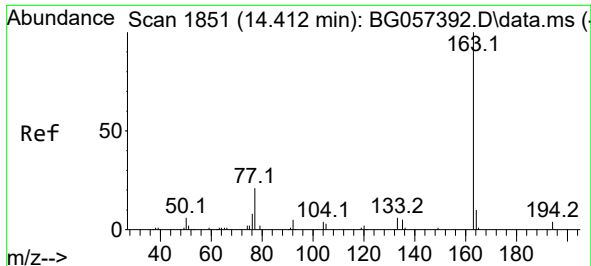
Tgt Ion:162 Resp: 73183
Ion Ratio Lower Upper
162 100
164 31.7 26.2 39.4
127 34.9 29.4 44.2



#45
2-Nitroaniline
Concen: 19.060 ng/ul
RT: 14.064 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion: 65 Resp: 20901
Ion Ratio Lower Upper
65 100
92 60.7 51.8 77.6
138 96.0 71.9 107.9

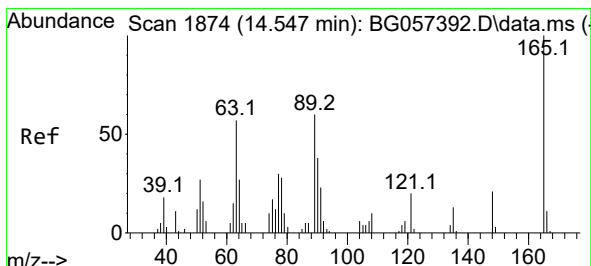
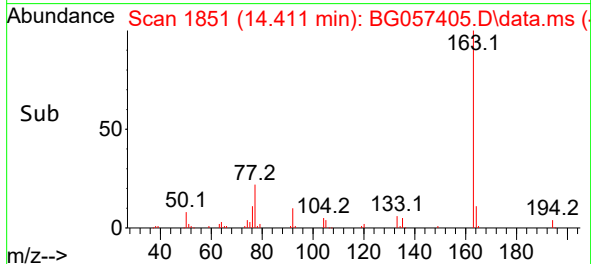
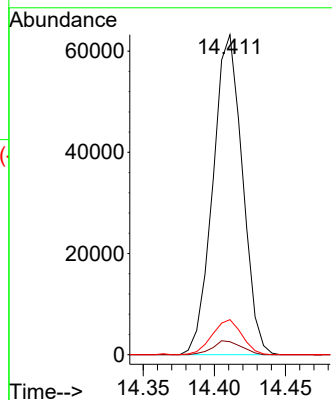
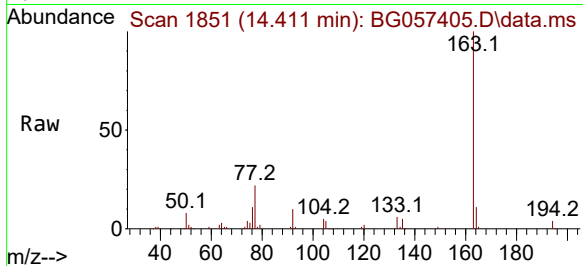




#47
Dimethylphthalate
Concen: 18.702 ng/ul
RT: 14.411 min Scan# 1851
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

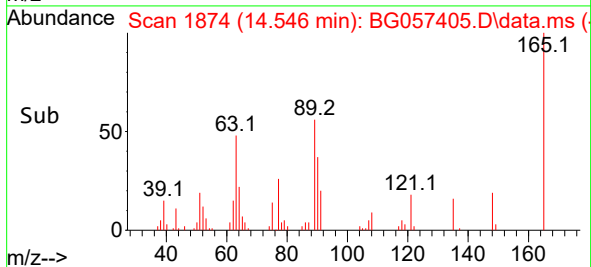
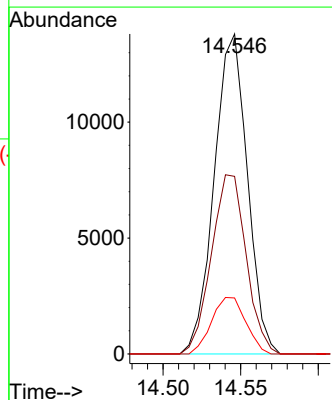
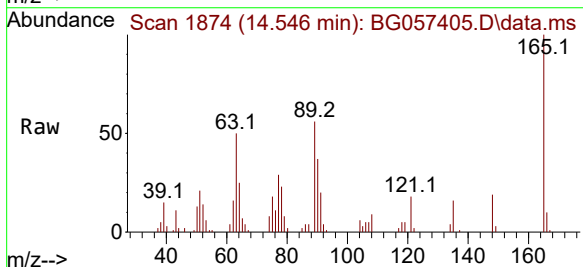
Instrument :
BNA_G
ClientSampleId :
SSTD020487

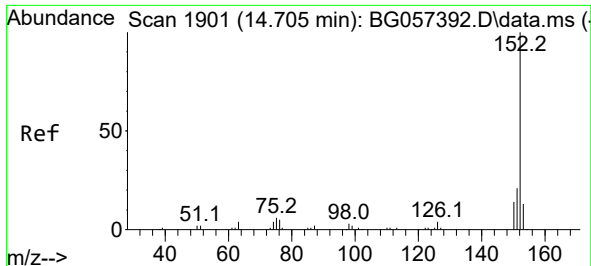
Tgt Ion:163 Resp: 91366
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 20.416 ng/ul
RT: 14.546 min Scan# 1874
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:165 Resp: 20526
Ion Ratio Lower Upper
165 100
89 55.5 50.6 76.0
121 17.5 16.8 25.2

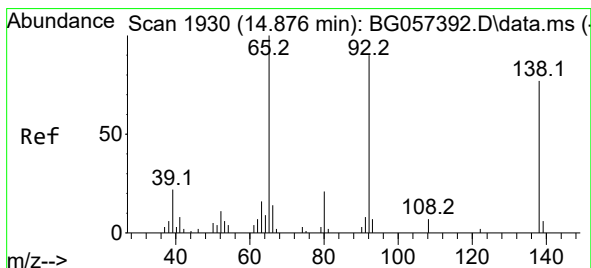
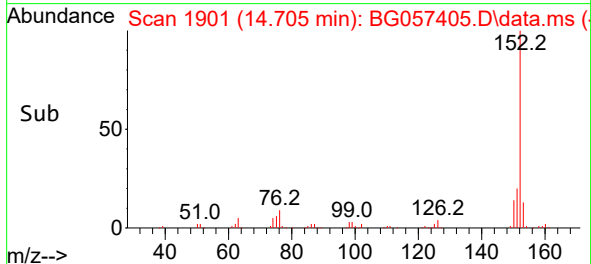
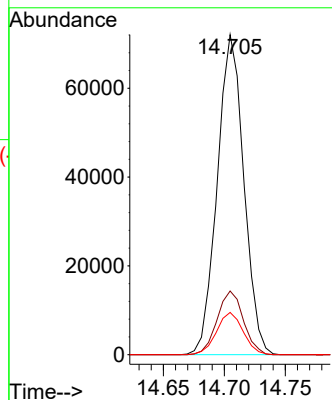
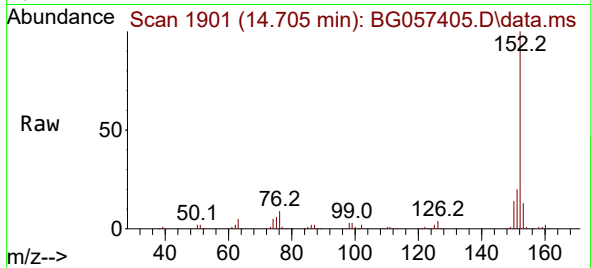




#50
Acenaphthylene
Concen: 19.692 ng/ul
RT: 14.705 min Scan# 1901
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

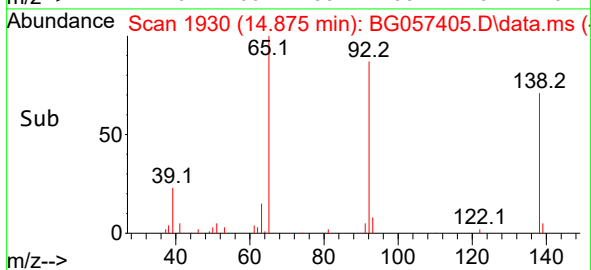
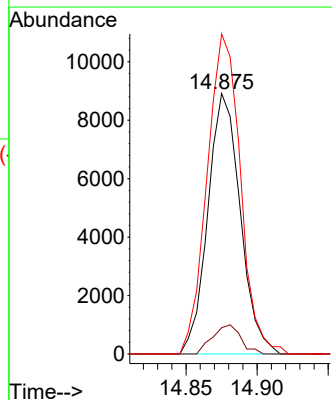
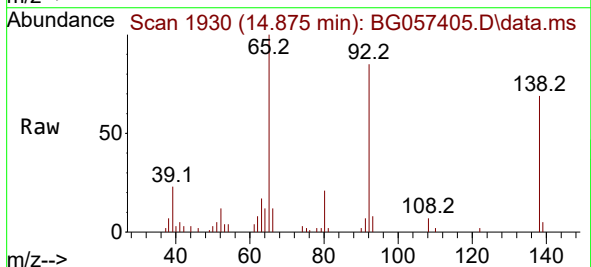
Instrument :
BNA_G
ClientSampleId :
SSTD020487

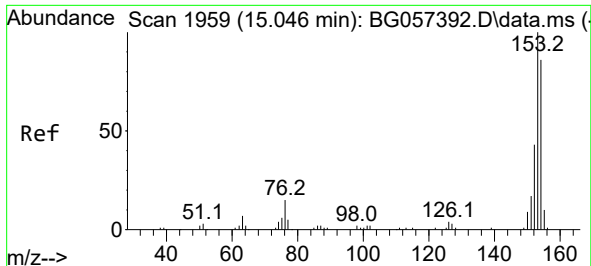
Tgt Ion:152 Resp: 109417
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 19.823 ng/ul
RT: 14.875 min Scan# 1930
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:138 Resp: 14121
Ion Ratio Lower Upper
138 100
108 10.1 9.2 13.8
92 122.9 99.5 149.3

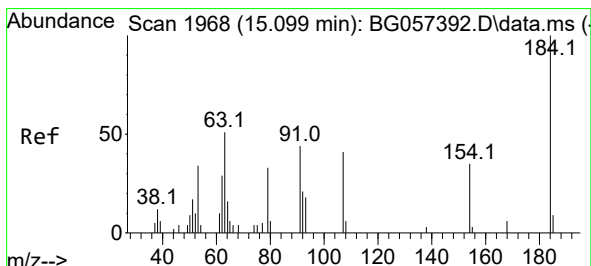
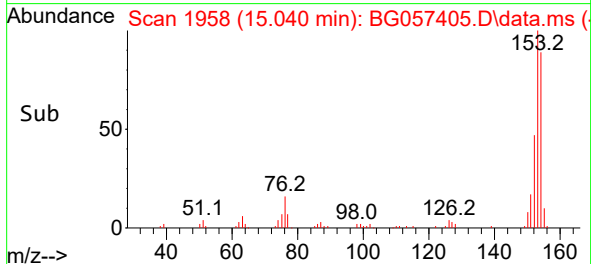
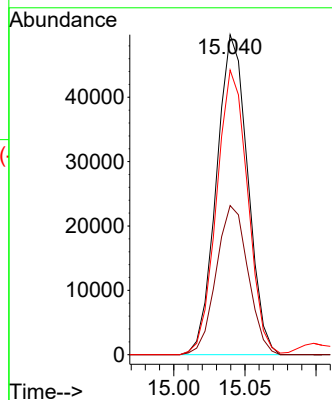
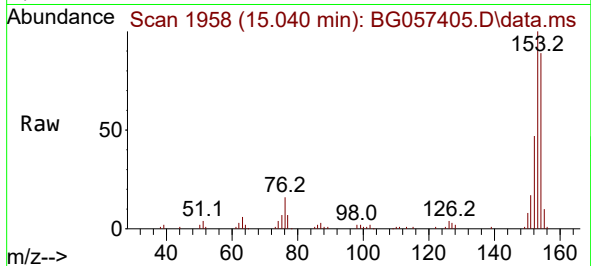




#52
Acenaphthene
Concen: 19.173 ng/ul
RT: 15.040 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

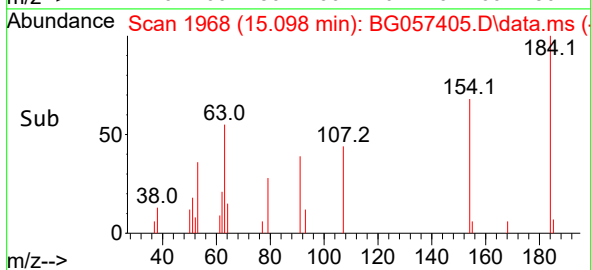
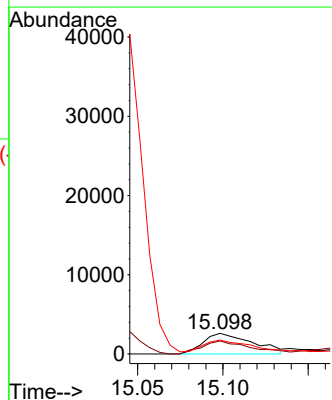
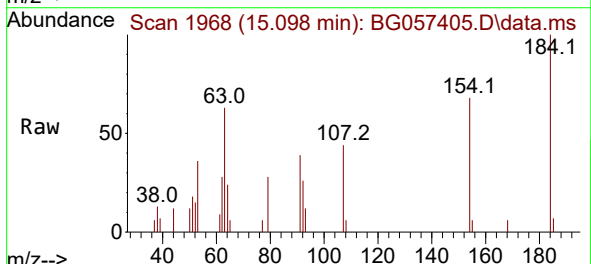
Instrument :
BNA_G
ClientSampleId :
SSTD020487

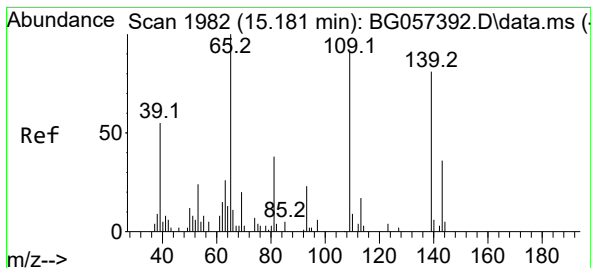
Tgt Ion:153 Resp: 75905
Ion Ratio Lower Upper
153 100
152 46.6 36.5 54.7
154 88.9 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 9.793 ng/ul
RT: 15.098 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:184 Resp: 5243
Ion Ratio Lower Upper
184 100
63 62.9 48.3 72.5
154 67.9 50.0 75.0

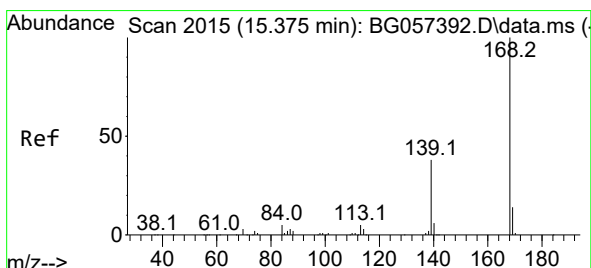
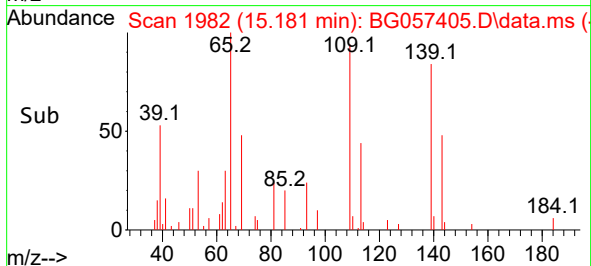
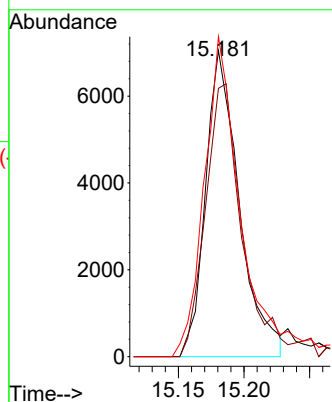
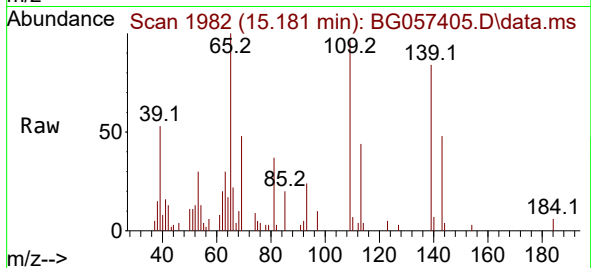




#55
4-Nitrophenol
Concen: 15.731 ng/ul
RT: 15.181 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

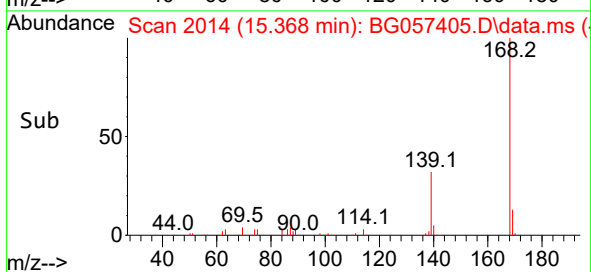
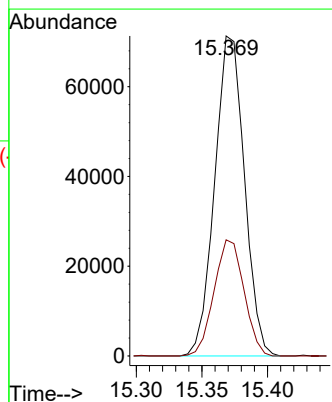
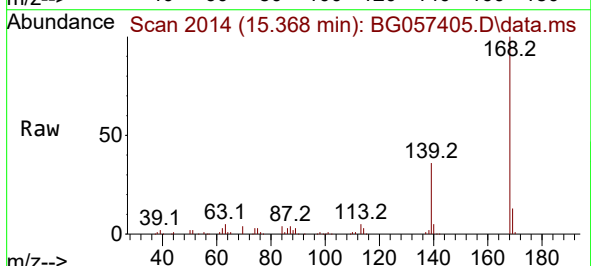
Instrument :
BNA_G
ClientSampleId :
SSTD020487

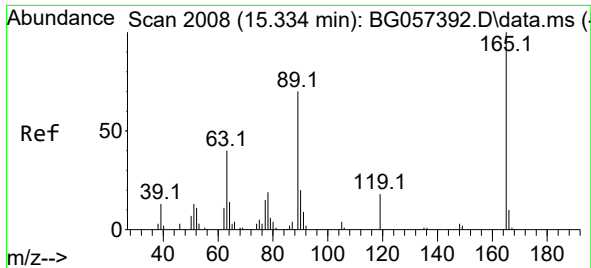
Tgt Ion:109 Resp: 12628
Ion Ratio Lower Upper
109 100
139 87.7 73.8 110.8
65 104.6 81.7 122.5



#56
Dibenzofuran
Concen: 19.649 ng/ul
RT: 15.368 min Scan# 2014
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:168 Resp: 112327
Ion Ratio Lower Upper
168 100
139 36.3 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 19.593 ng/ul

RT: 15.327 min Scan# 2007

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

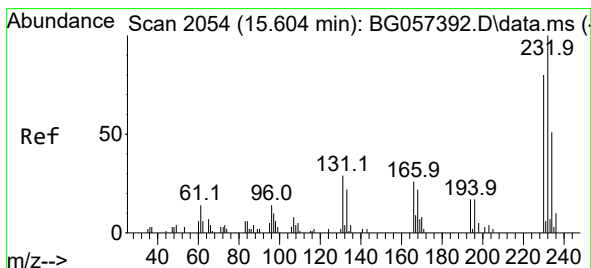
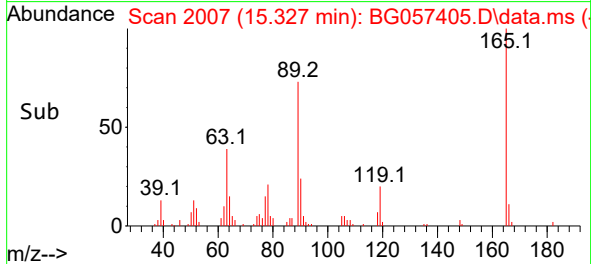
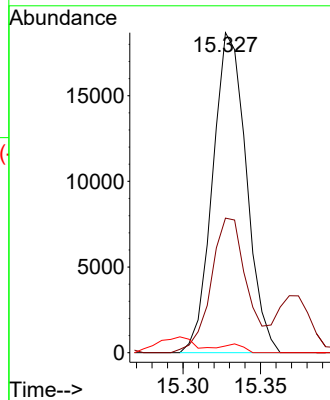
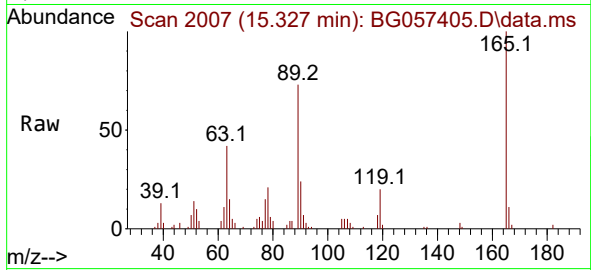
Tgt Ion:165 Resp: 28199

Ion Ratio Lower Upper

165 100

63 42.1 35.9 53.9

182 2.1 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.794 ng/ul

RT: 15.598 min Scan# 2053

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Tgt Ion:232 Resp: 25093

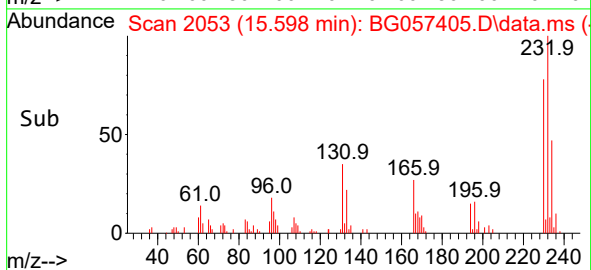
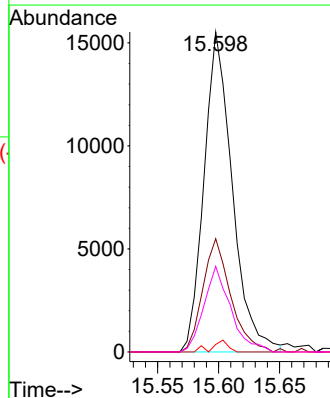
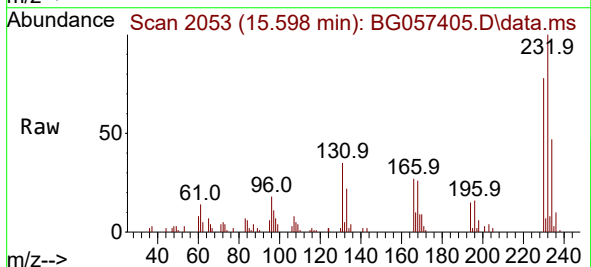
Ion Ratio Lower Upper

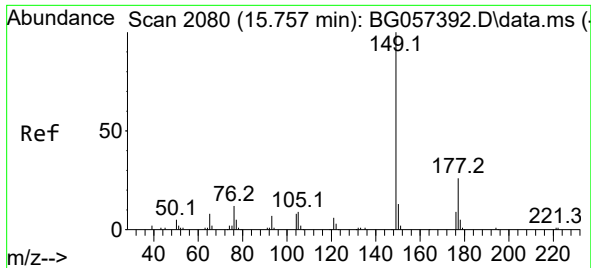
232 100

131 35.4 28.6 43.0

130 2.3 1.8 2.6

166 26.8 22.2 33.2

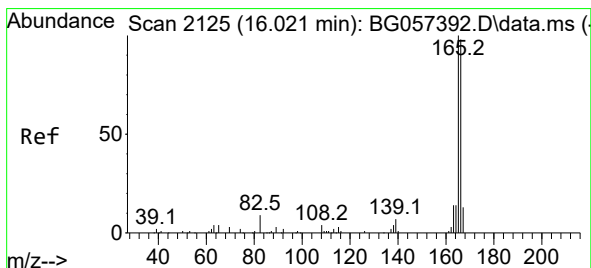
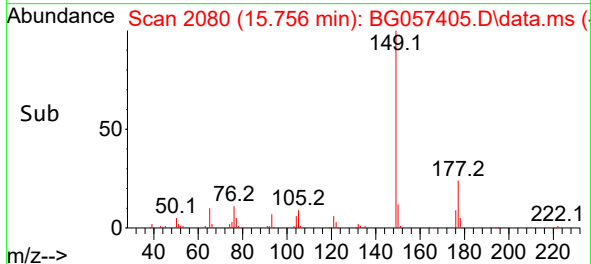
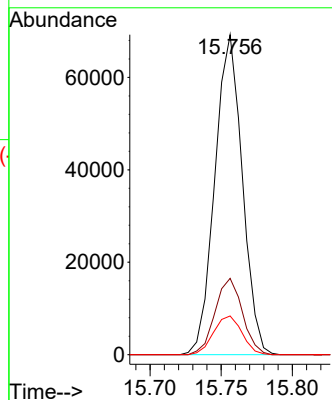
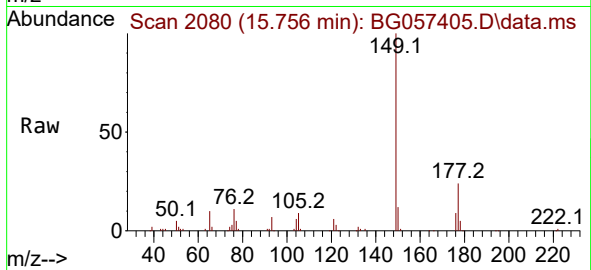




#59
Diethylphthalate
Concen: 18.734 ng/ul
RT: 15.756 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

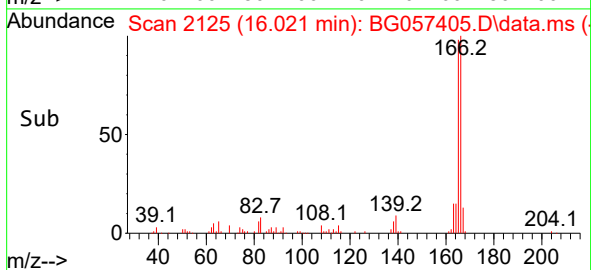
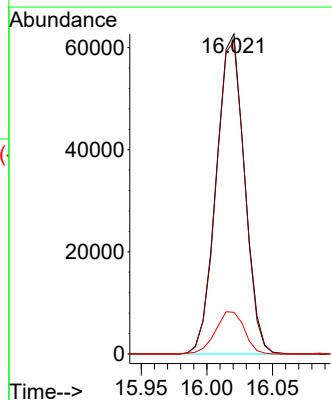
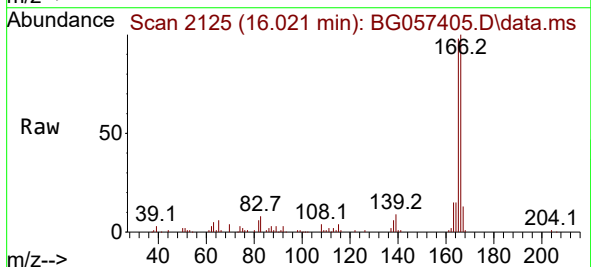
Instrument :
BNA_G
ClientSampleId :
SSTD020487

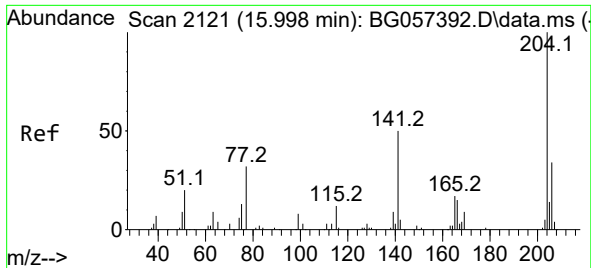
Tgt Ion:149 Resp: 92983
Ion Ratio Lower Upper
149 100
177 23.8 18.6 28.0
150 12.1 9.8 14.8



#61
Fluorene
Concen: 19.403 ng/ul
RT: 16.021 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:166 Resp: 93796
Ion Ratio Lower Upper
166 100
165 97.8 80.1 120.1
167 13.0 10.2 15.4

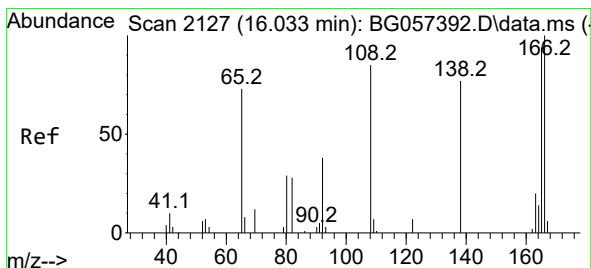
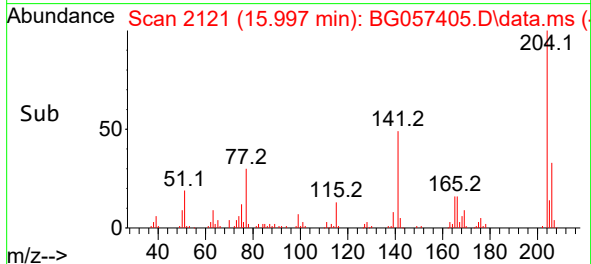
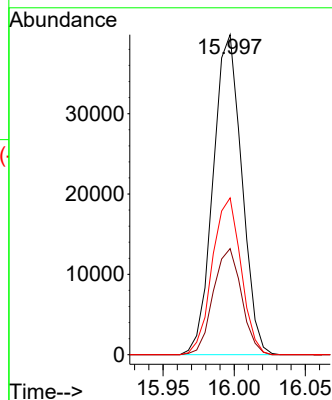
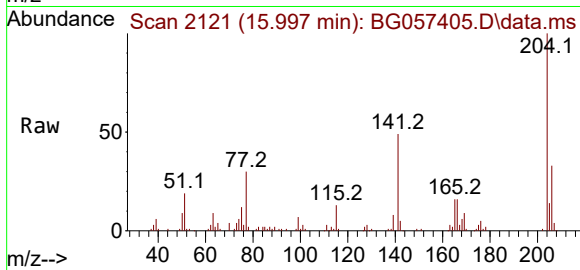




#62
4-Chlorophenyl-phenylether
Concen: 19.808 ng/ul
RT: 15.997 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

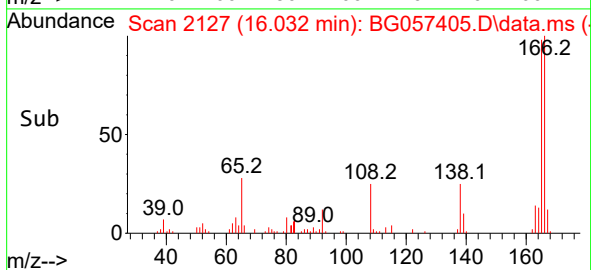
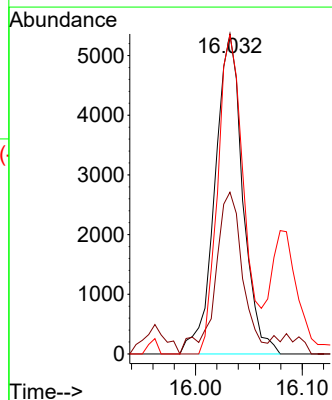
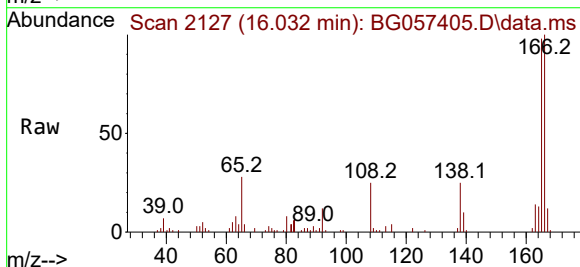
Instrument :
BNA_G
ClientSampleId :
SSTD020487

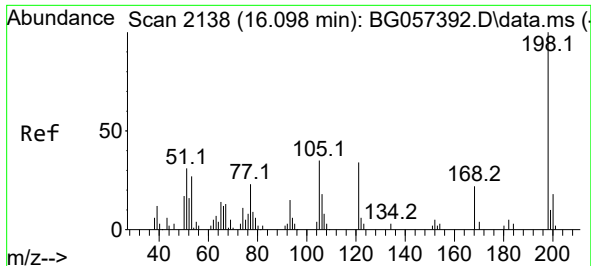
Tgt Ion:204 Resp: 55889
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 49.0 41.5 62.3



#63
4-Nitroaniline
Concen: 14.425 ng/ul
RT: 16.032 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:138 Resp: 9731
Ion Ratio Lower Upper
138 100
92 50.5 39.9 59.9
108 99.8 89.1 133.7

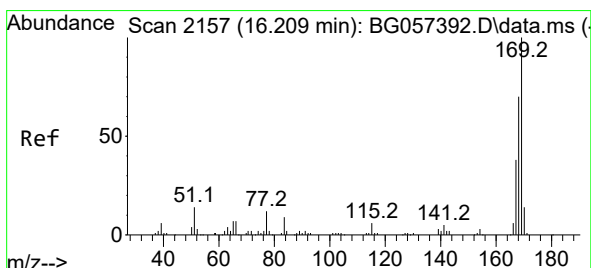
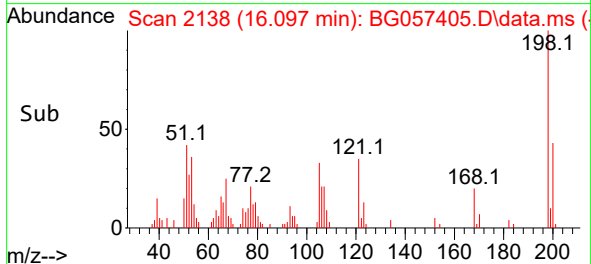
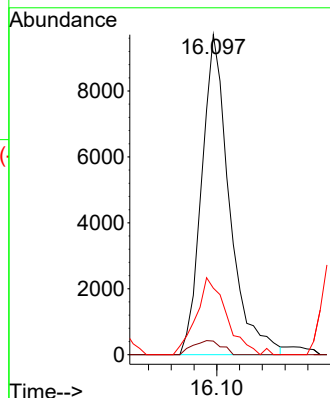
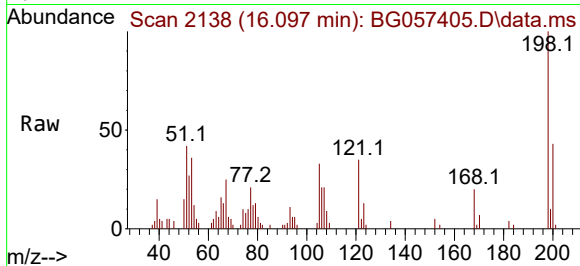




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.865 ng/ul
 RT: 16.097 min Scan# 2138
 Delta R.T. -0.001 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

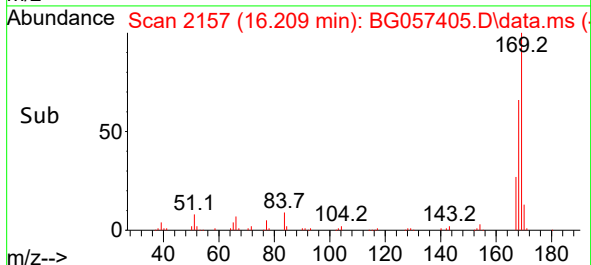
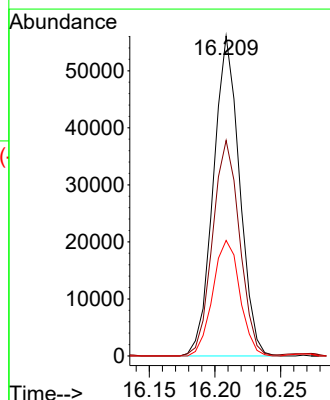
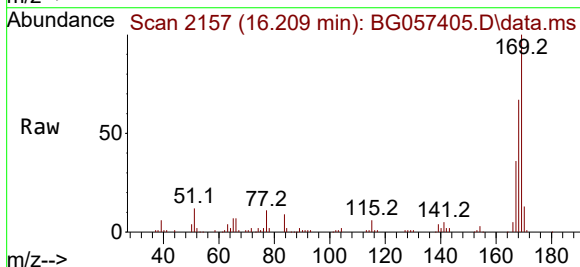
Instrument :
 BNA_G
 ClientSampleId :
 SST020487

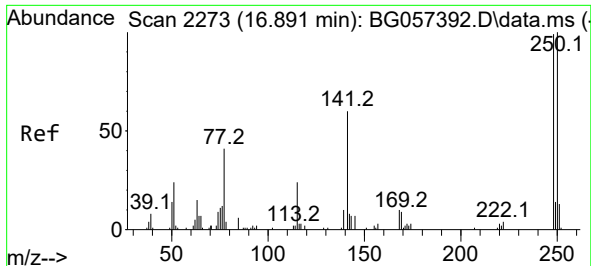
Tgt Ion:198 Resp: 16479
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.0 4.6
 77 20.8 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 19.474 ng/ul
 RT: 16.209 min Scan# 2157
 Delta R.T. -0.001 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

Tgt Ion:169 Resp: 77721
 Ion Ratio Lower Upper
 169 100
 168 67.4 55.4 83.2
 167 36.1 31.0 46.4

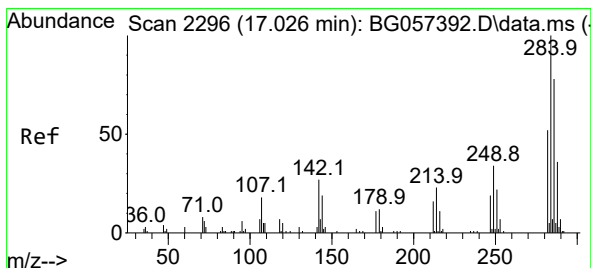
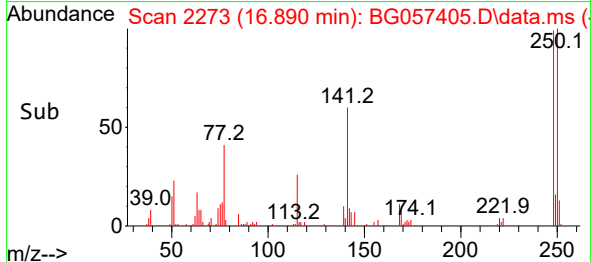
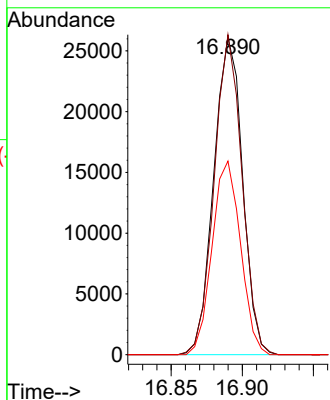
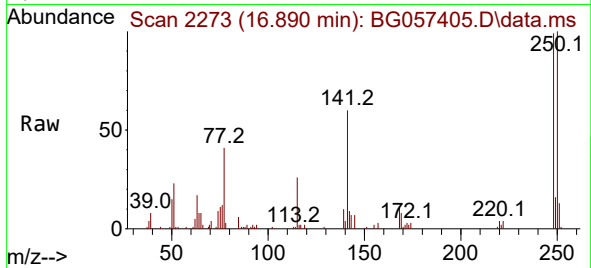




#68
4-Bromophenyl-phenylether
Concen: 20.101 ng/ul
RT: 16.890 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

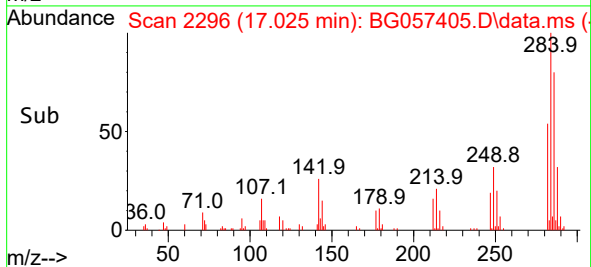
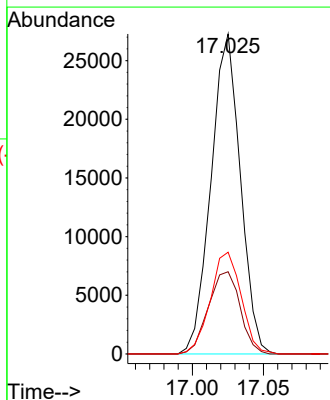
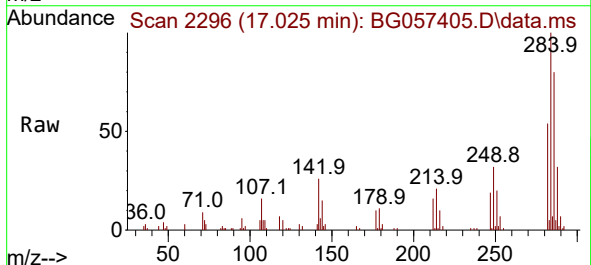
Instrument :
BNA_G
ClientSampleId :
SSTD020487

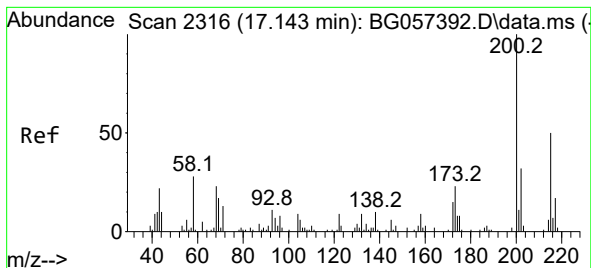
Tgt Ion:248 Resp: 36706
Ion Ratio Lower Upper
248 100
250 100.8 74.8 112.2
141 60.9 47.8 71.6



#69
Hexachlorobenzene
Concen: 20.382 ng/ul
RT: 17.025 min Scan# 2296
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:284 Resp: 39193
Ion Ratio Lower Upper
284 100
142 25.7 22.6 33.8
249 31.8 26.2 39.2





#70

Atrazine

Concen: 20.254 ng/ul

RT: 17.143 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

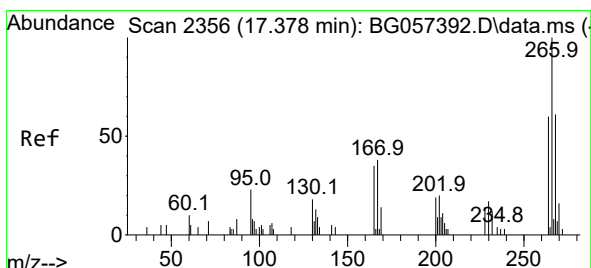
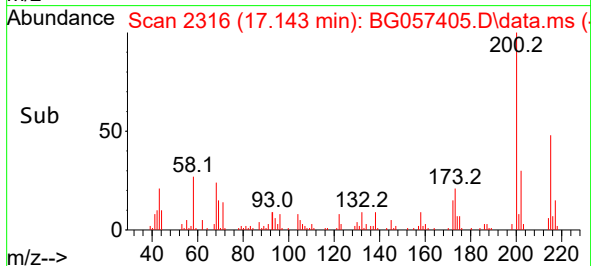
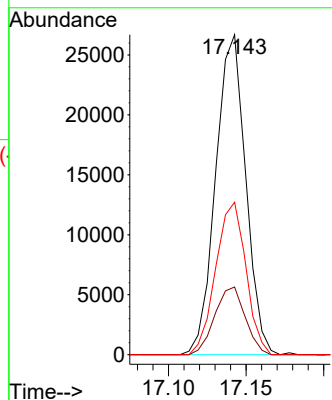
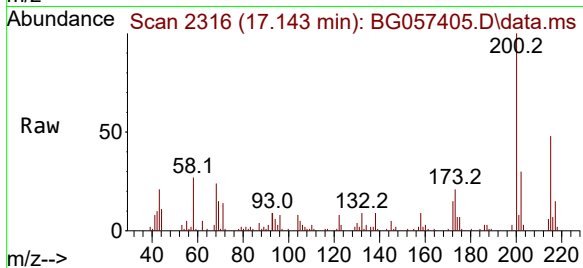
Tgt Ion:200 Resp: 35925

Ion Ratio Lower Upper

200 100

173 21.2 17.8 26.6

215 47.6 40.3 60.5



#71

Pentachlorophenol

Concen: 13.394 ng/ul

RT: 17.372 min Scan# 2355

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

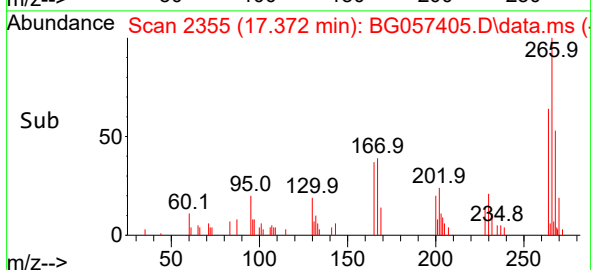
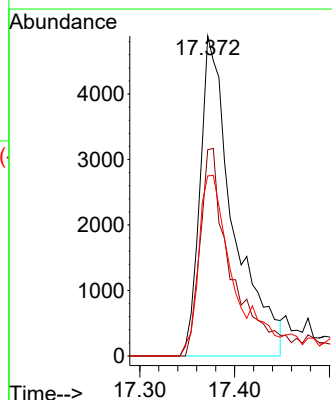
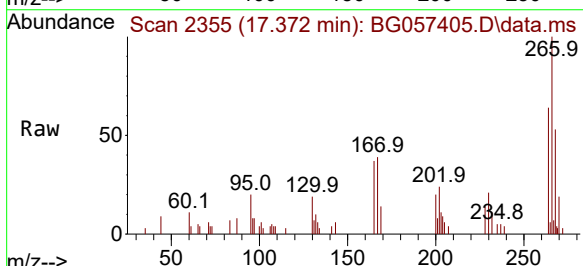
Tgt Ion:266 Resp: 11905

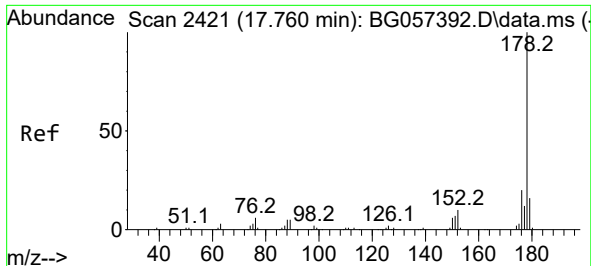
Ion Ratio Lower Upper

266 100

264 64.5 47.8 71.6

268 56.2 48.2 72.4

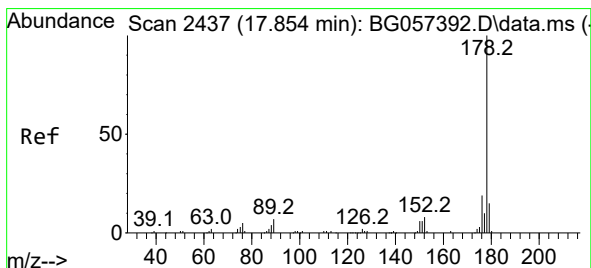
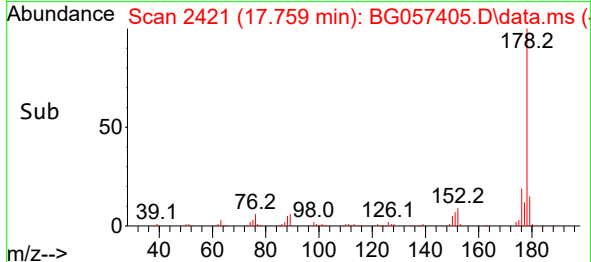
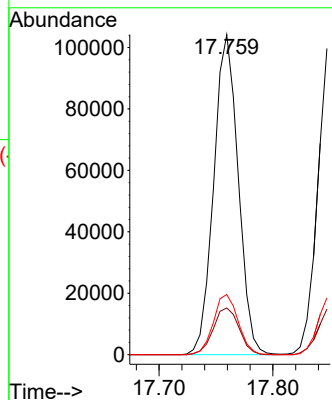
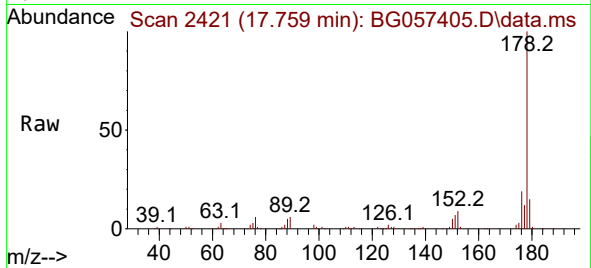




#72
Phenanthrene
Concen: 19.591 ng/ul
RT: 17.759 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

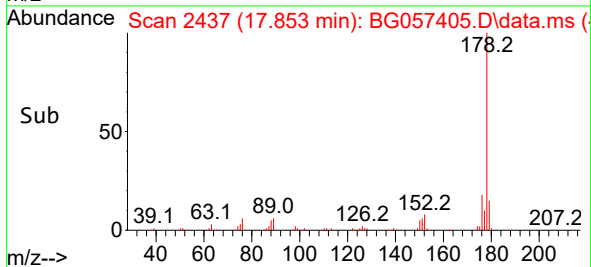
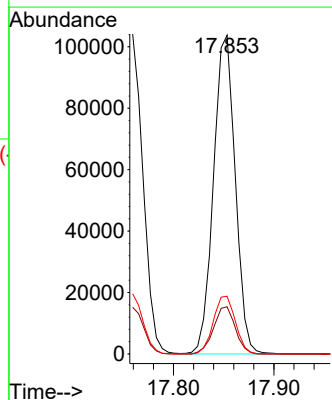
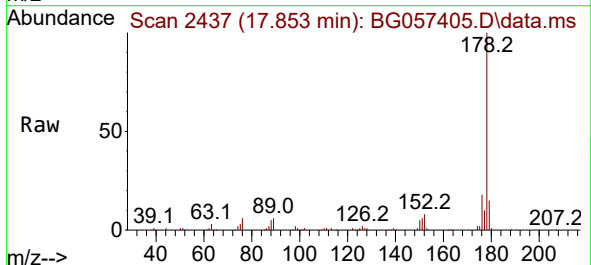
Instrument :
BNA_G
ClientSampleId :
SSTD020487

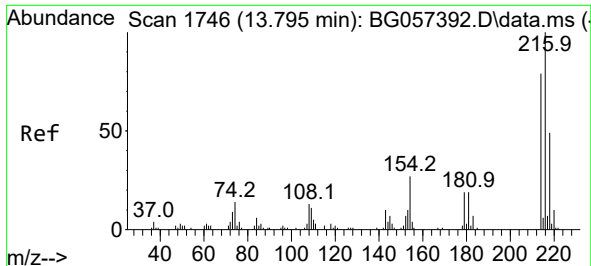
Tgt Ion:178 Resp: 155873
Ion Ratio Lower Upper
178 100
179 14.6 11.8 17.8
176 18.8 15.4 23.0



#74
Anthracene
Concen: 19.567 ng/ul
RT: 17.853 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:178 Resp: 156378
Ion Ratio Lower Upper
178 100
179 14.8 12.5 18.7
176 18.1 14.7 22.1

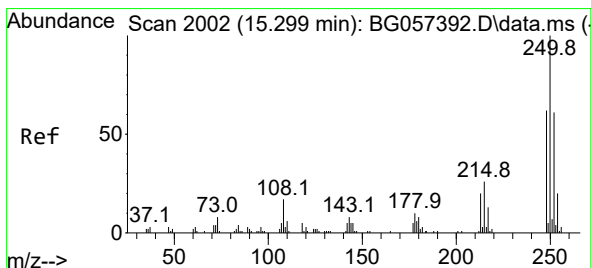
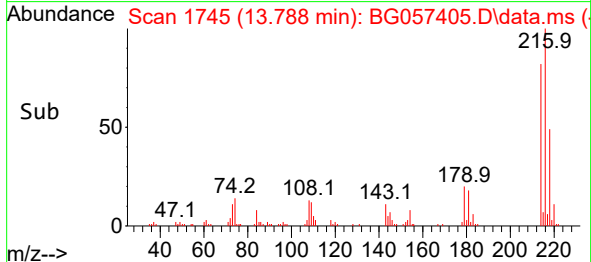
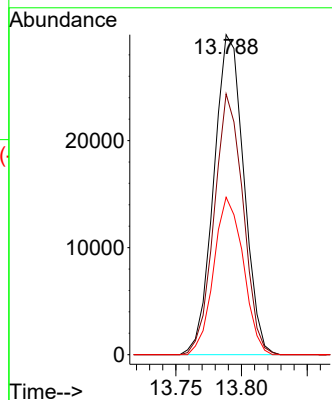
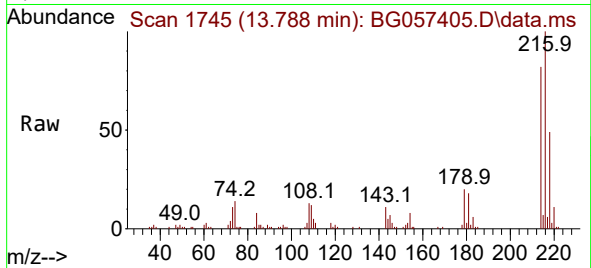




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.674 ng/uL
RT: 13.788 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

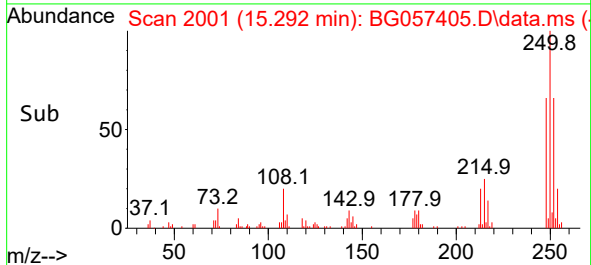
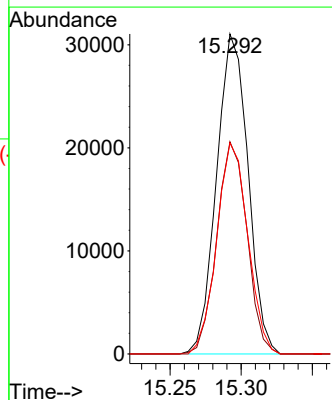
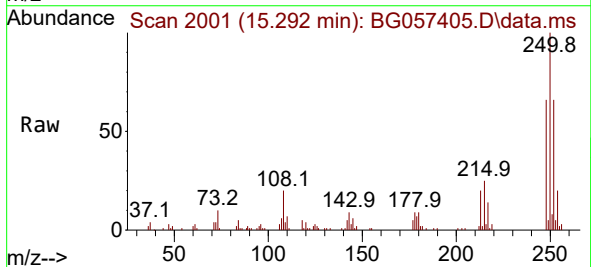
Instrument :
BNA_G
ClientSampleId :
SSTD020487

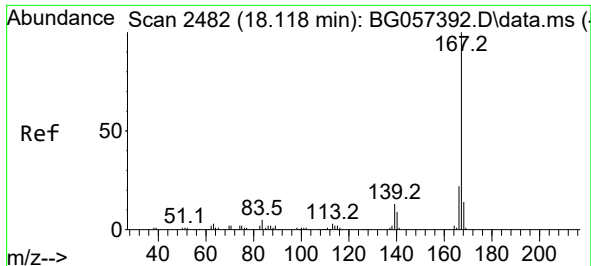
Tgt Ion:216 Resp: 47508
Ion Ratio Lower Upper
216 100
214 81.5 64.3 96.5
218 49.2 38.5 57.7



#76
Pentachlorobenzene
Concen: 20.426 ng/uL
RT: 15.292 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:250 Resp: 47777
Ion Ratio Lower Upper
250 100
248 66.3 52.2 78.2
252 66.0 52.5 78.7

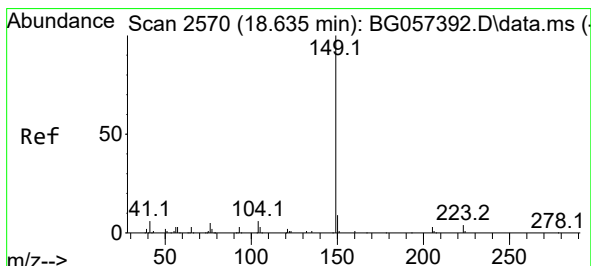
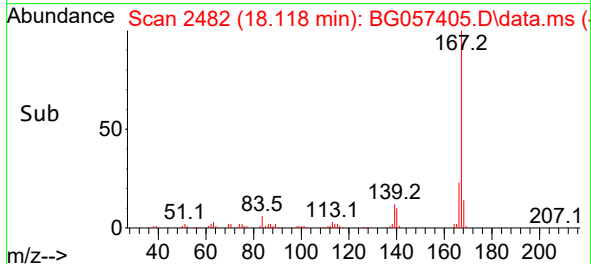
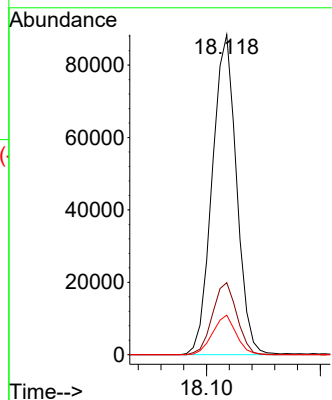
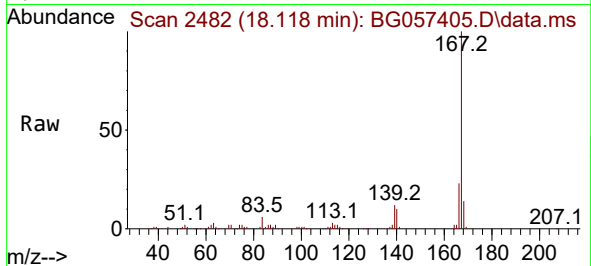




#77
 Carbazole
 Concen: 19.679 ng/ul
 RT: 18.118 min Scan# 2482
 Delta R.T. -0.001 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

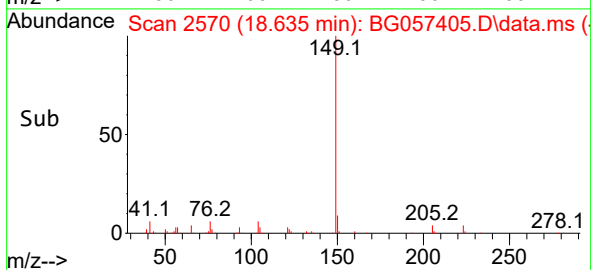
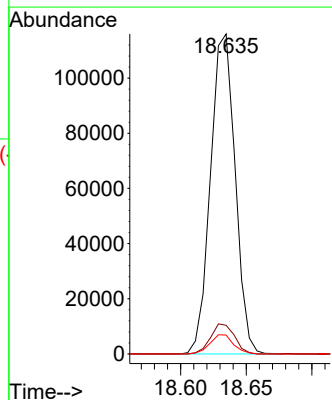
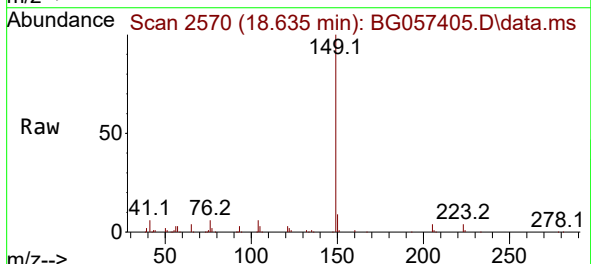
Instrument :
 BNA_G
 ClientSampleId :
 SST020487

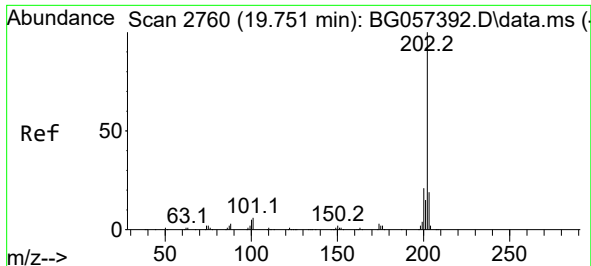
Tgt Ion:167 Resp: 131432
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.3 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 19.859 ng/ul
 RT: 18.635 min Scan# 2570
 Delta R.T. -0.001 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

Tgt Ion:149 Resp: 151670
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.9 5.0 7.6

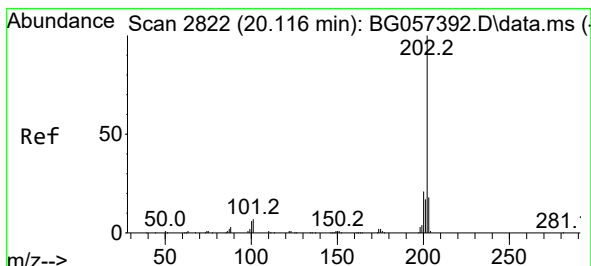
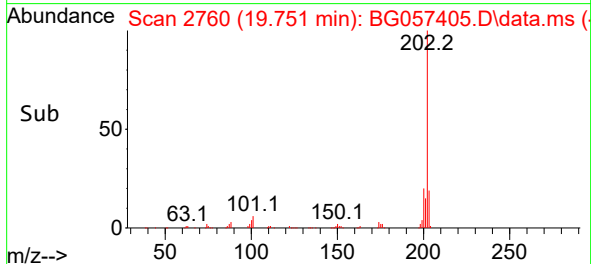
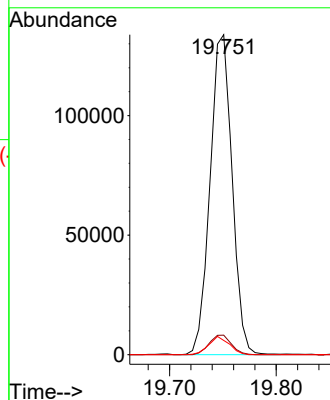
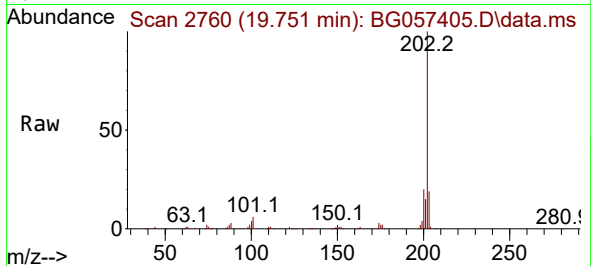




#80
Fluoranthene
Concen: 19.147 ng/ul
RT: 19.751 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

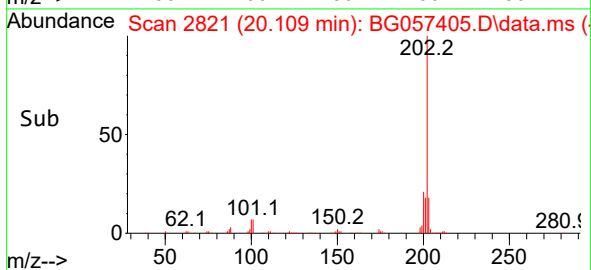
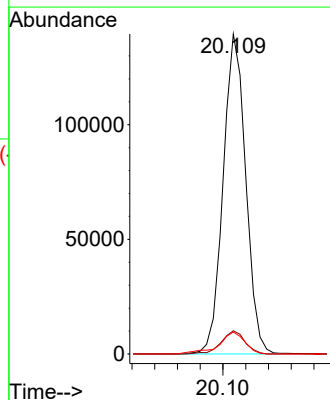
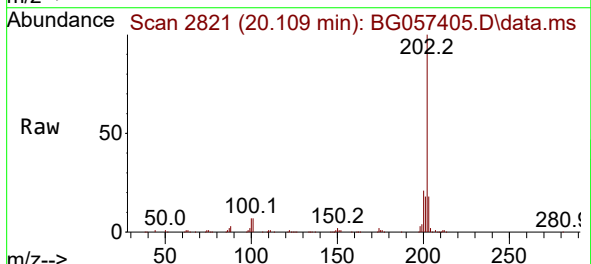
Instrument :
BNA_G
ClientSampleId :
SSTD020487

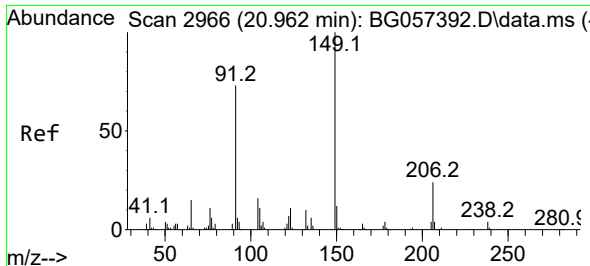
Tgt Ion:202 Resp: 191951
Ion Ratio Lower Upper
202 100
101 6.1 5.8 8.6
100 4.5 4.6 7.0#



#82
Pyrene
Concen: 18.983 ng/ul
RT: 20.109 min Scan# 2821
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:202 Resp: 192660
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.9 6.0 9.0

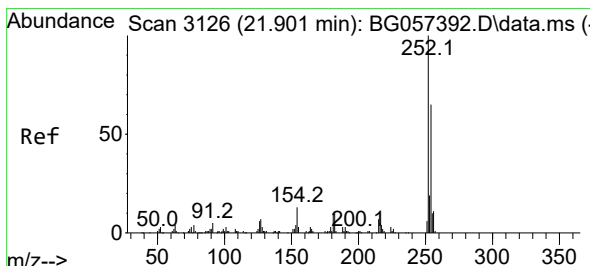
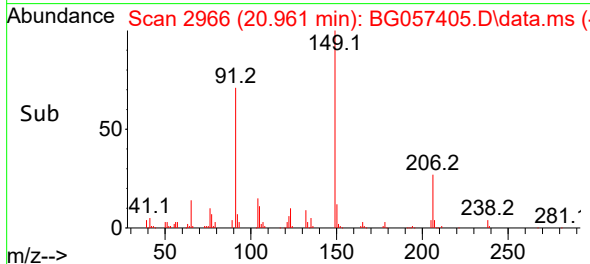
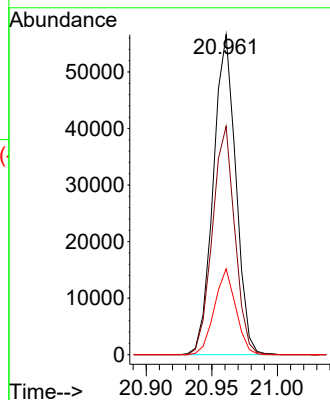
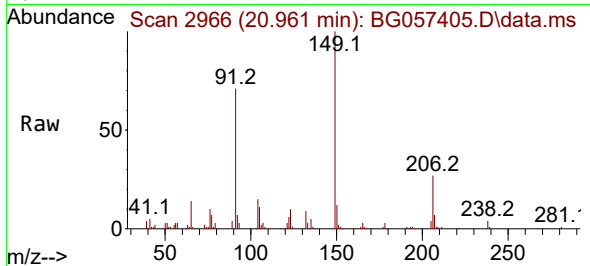




#83
Butylbenzylphthalate
Concen: 20.760 ng/ul
RT: 20.961 min Scan# 2966
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

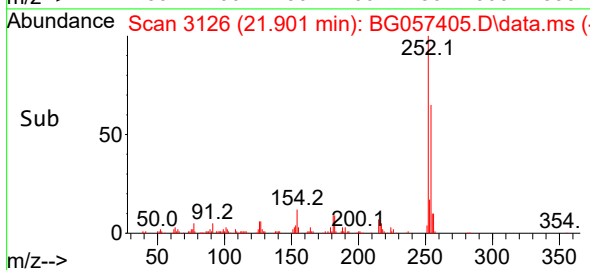
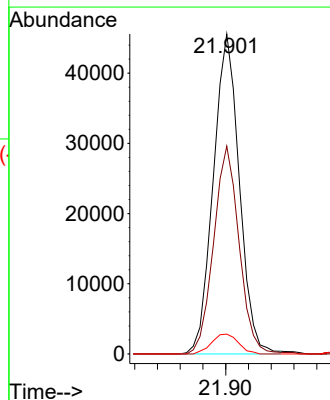
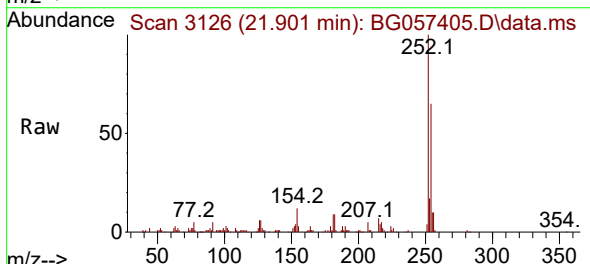
Instrument :
BNA_G
ClientSampleId :
SSTD020487

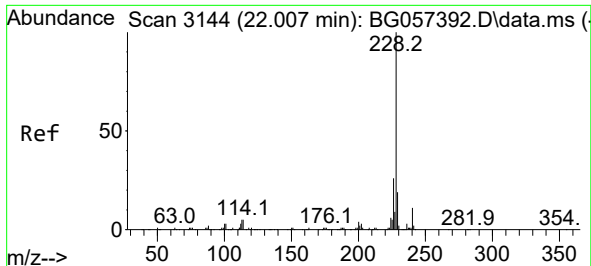
Tgt Ion:149 Resp: 67472
Ion Ratio Lower Upper
149 100
91 71.3 58.6 87.8
206 26.9 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 22.940 ng/ul
RT: 21.901 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:252 Resp: 72436
Ion Ratio Lower Upper
252 100
254 65.0 53.7 80.5
126 6.2 5.2 7.8

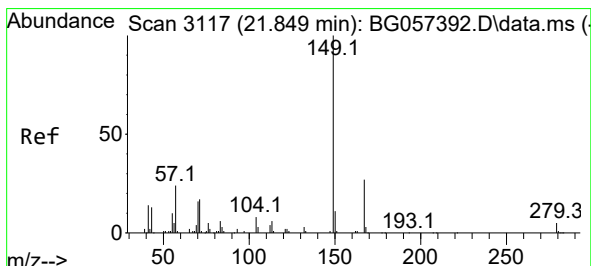
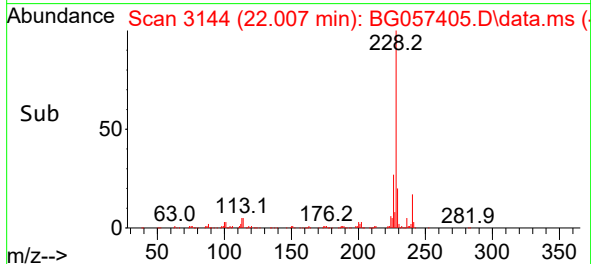
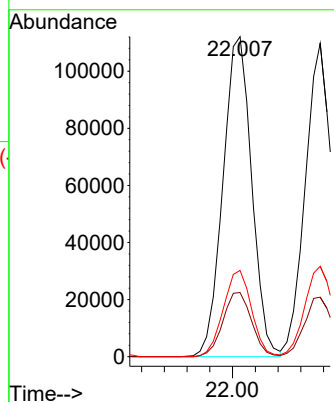
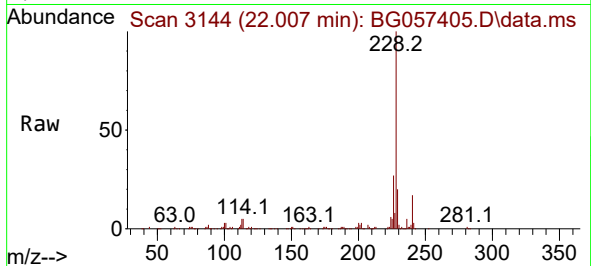




#85
Benzo(a)anthracene
Concen: 19.553 ng/ul
RT: 22.007 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

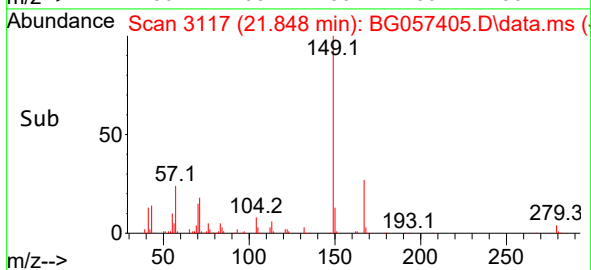
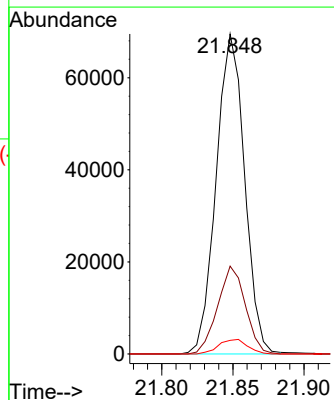
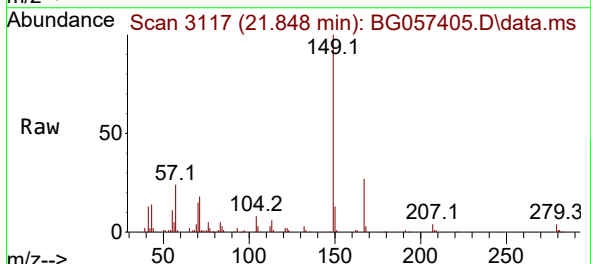
Instrument :
BNA_G
ClientSampleId :
SSTD020487

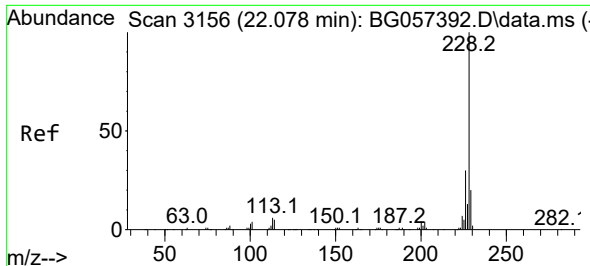
Tgt Ion:228 Resp: 196627
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 27.0 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.420 ng/ul
RT: 21.848 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:149 Resp: 96524
Ion Ratio Lower Upper
149 100
167 27.5 23.0 34.6
279 4.2 3.6 5.4

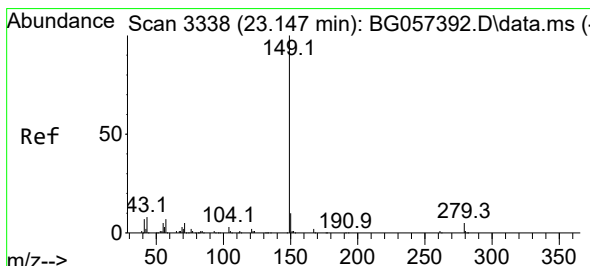
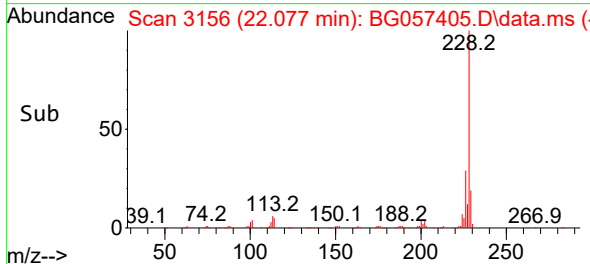
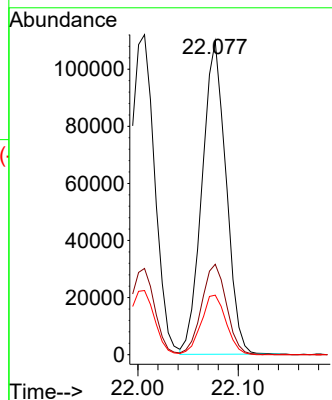
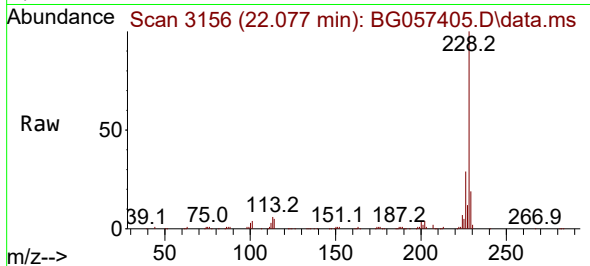




#87
Chrysene
Concen: 19.204 ng/ul
RT: 22.077 min Scan# 3156
Delta R.T. -0.001 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

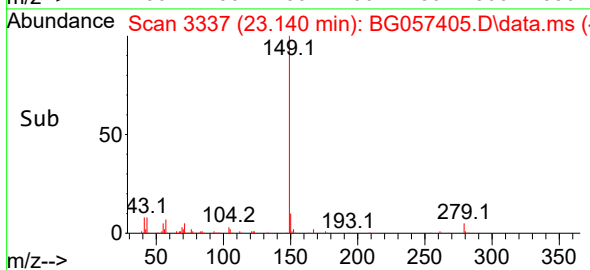
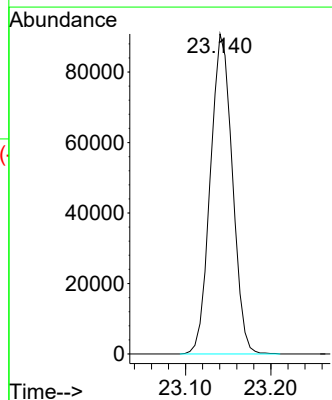
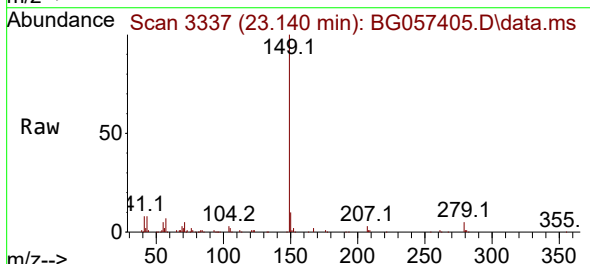
Instrument :
BNA_G
ClientSampleId :
SSTD020487

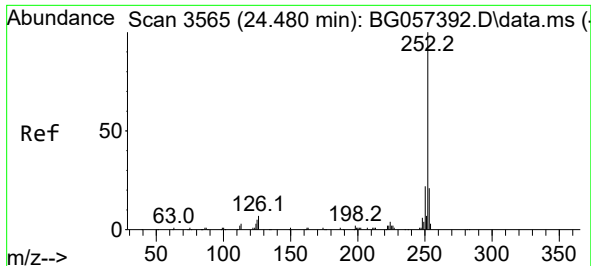
Tgt Ion:228 Resp: 182195
Ion Ratio Lower Upper
228 100
226 28.8 22.8 34.2
229 19.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 19.352 ng/ul
RT: 23.140 min Scan# 3337
Delta R.T. -0.007 min
Lab File: BG057405.D
Acq: 11 May 2023 19:32

Tgt Ion:149 Resp: 162746





#90

Benzo(b)fluoranthene

Concen: 18.444 ng/ul

RT: 24.403 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

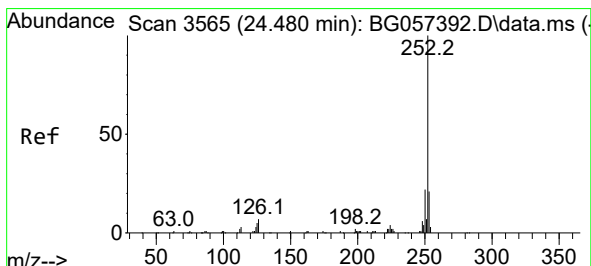
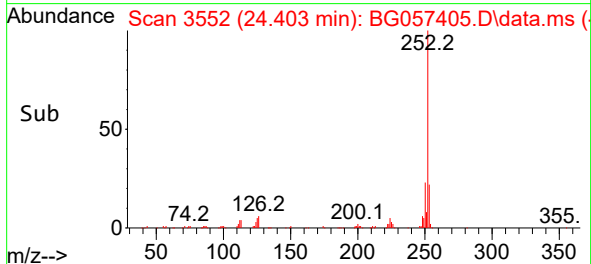
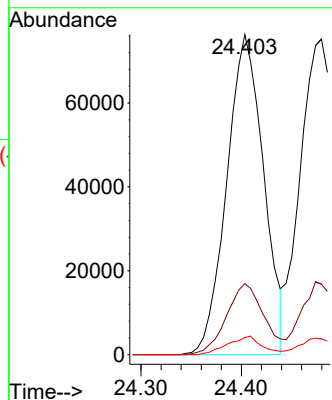
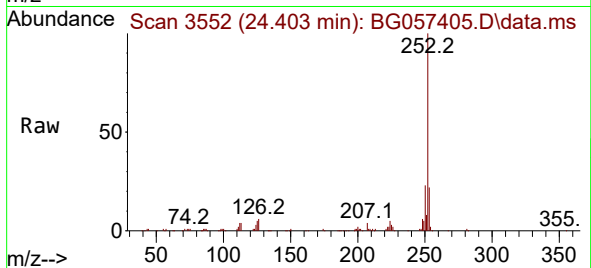
Tgt Ion:252 Resp: 194503

Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 5.3 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 18.819 ng/ul

RT: 24.480 min Scan# 3565

Delta R.T. -0.001 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

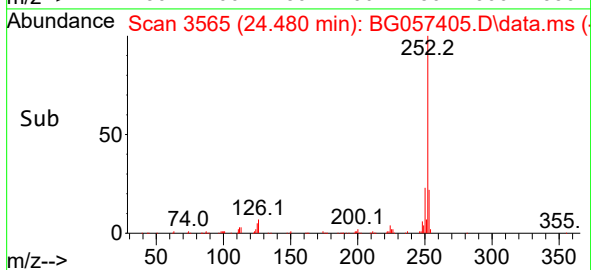
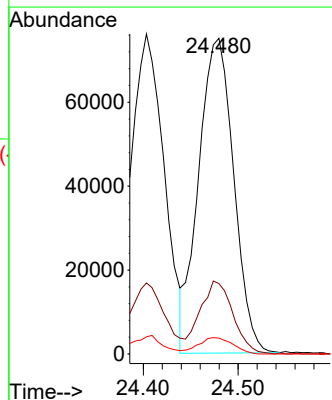
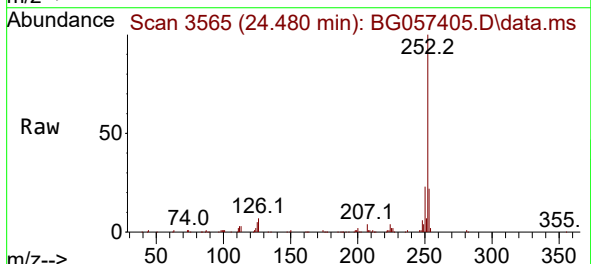
Tgt Ion:252 Resp: 193080

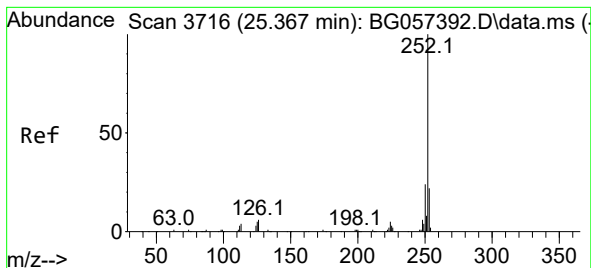
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 5.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 18.743 ng/ul

RT: 25.361 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SSTD020487

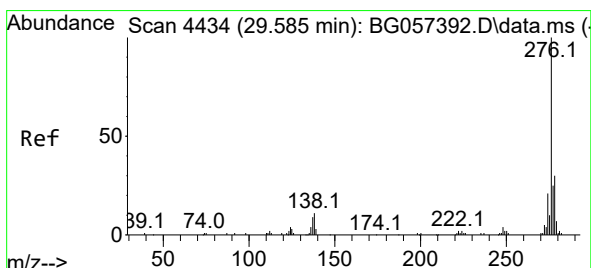
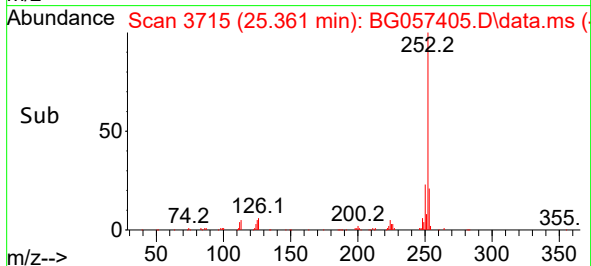
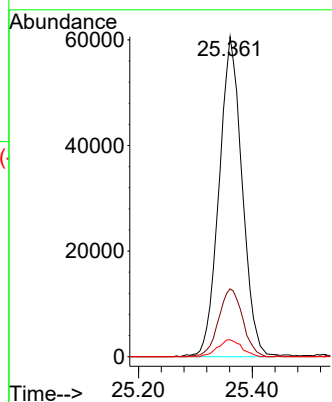
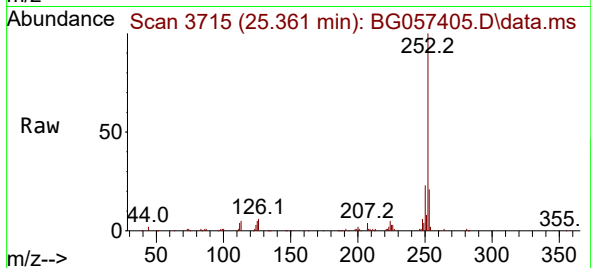
Tgt Ion:252 Resp: 170639

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 5.3 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.062 ng/ul

RT: 29.573 min Scan# 4432

Delta R.T. -0.013 min

Lab File: BG057405.D

Acq: 11 May 2023 19:32

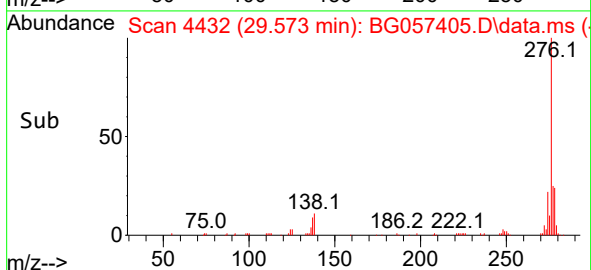
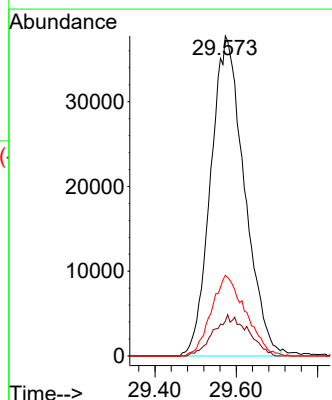
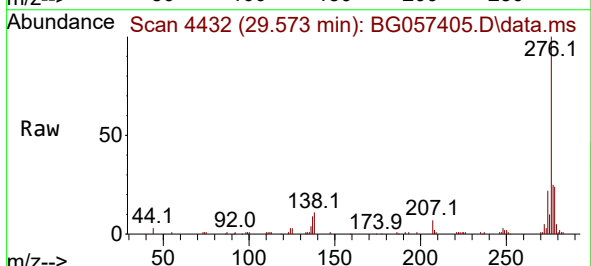
Tgt Ion:276 Resp: 216942

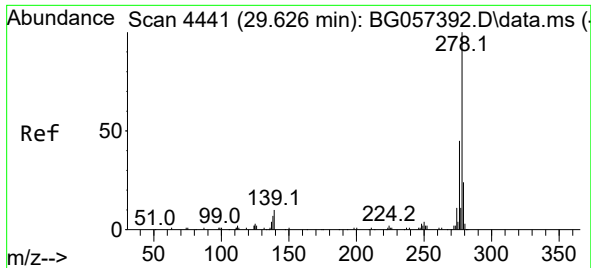
Ion Ratio Lower Upper

276 100

138 10.8 9.4 14.2

277 25.2 18.6 28.0

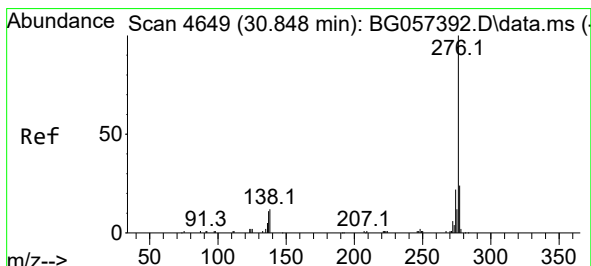
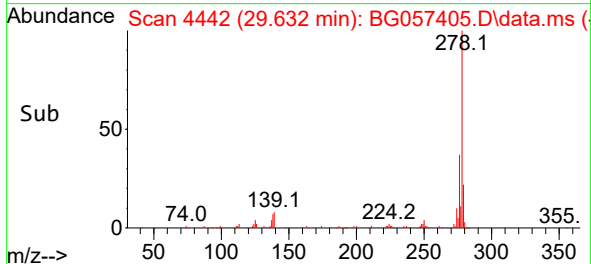
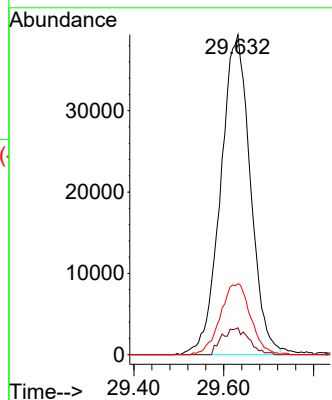
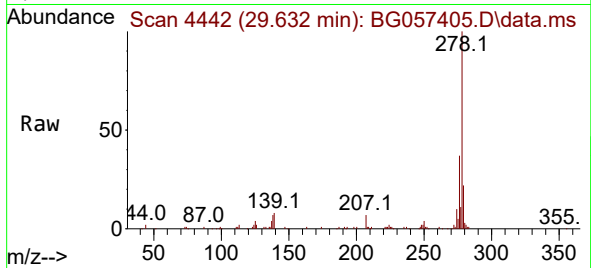




#95
 Dibenzo(a,h)anthracene
 Concen: 19.140 ng/ul
 RT: 29.632 min Scan# 4442
 Delta R.T. -0.013 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020487

Tgt Ion:278 Resp: 180619
 Ion Ratio Lower Upper
 278 100
 139 8.4 5.8 8.6
 279 22.2 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 18.816 ng/ul
 RT: 30.836 min Scan# 4647
 Delta R.T. -0.019 min
 Lab File: BG057405.D
 Acq: 11 May 2023 19:32

Tgt Ion:276 Resp: 173308
 Ion Ratio Lower Upper
 276 100
 138 12.9 8.7 13.1
 277 23.7 18.4 27.6

