

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
 Data File : BG053770.D
 Acq On : 31 May 2022 21:56
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV427

Quant Time: Jun 01 00:32:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 01 00:25:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	17746	20.000	ng/u1	0.00
20) Naphthalene-d8	10.915	136	70698	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	49724	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.466	188	123474	20.000	ng/u1	0.00
79) Chrysene-d12	21.749	240	144607	20.000	ng/u1	0.00
88) Perylene-d12	25.022	264	146364	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	3236	6.897	ng/uL	0.00
4) Pyridine-d5	3.946	84	20231	19.558	ng/u1	0.00
7) Phenol-d5	7.243	99	26449	19.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.425	67	16622	19.055	ng/u1	0.00
11) 2-Chlorophenol-d4	7.630	132	21158	19.718	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	21333	19.084	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	8921	21.109	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	9067	21.616	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	22456	19.712	ng/u1	0.00
31) 4-Chloroaniline-d4	11.032	131	30804	19.710	ng/u1	0.00
46) Dimethylphthalate-d6	14.123	166	74765	19.567	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	83100	19.463	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	10384	19.765	ng/u1	0.00
60) Fluorene-d10	15.715	176	65039	19.436	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	8893	18.014	ng/u1	0.00
73) Anthracene-d10	17.566	188	108923	19.531	ng/u1	0.00
81) Pyrene-d10	19.845	212	145444	18.897	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.793	264	143346	19.583	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	3831	7.762	ng/uL	89
5) Pyridine	3.964	79	21245	19.423	ng/u1	98
6) Benzaldehyde	7.237	77	17408	24.490	ng/u1	97
8) Phenol	7.272	94	28470	19.708	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.513	93	21610	19.534	ng/u1	89
12) 2-Chlorophenol	7.666	128	21974	20.010	ng/u1	96
13) 2-Methylphenol	8.535	108	21825	19.667	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.629	45	36252	19.498	ng/u1	99
16) Acetophenone	8.923	105	34308	19.650	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.905	70	18885	19.378	ng/u1	99
18) 4-Methylphenol	8.858	108	23003	19.611	ng/u1	98
19) Hexachloroethane	9.199	117	8765	18.828	ng/u1	90
22) Nitrobenzene	9.299	77	24046	21.817	ng/u1	98
23) Isophorone	9.828	82	49836	19.174	ng/u1	100
25) 2-Nitrophenol	10.016	139	9810	21.979	ng/u1	94
26) 2,4-Dimethylphenol	10.069	107	25890	19.214	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.310	93	29080	19.456	ng/u1	99
29) 2,4-Dichlorophenol	10.550	162	22626	20.027	ng/u1	97
30) Naphthalene	10.962	128	70476	19.695	ng/u1	99
32) 4-Chloroaniline	11.056	127	30629	19.891	ng/u1	99
33) Hexachlorobutadiene	11.256	225	18247	19.460	ng/u1	95
34) Caprolactam	11.825	113	5817	18.396	ng/u1	87
35) 4-Chloro-3-methylphenol	12.166	107	23234	19.489	ng/u1	99
36) 2-Methylnaphthalene	12.560	142	49683	19.658	ng/u1	93

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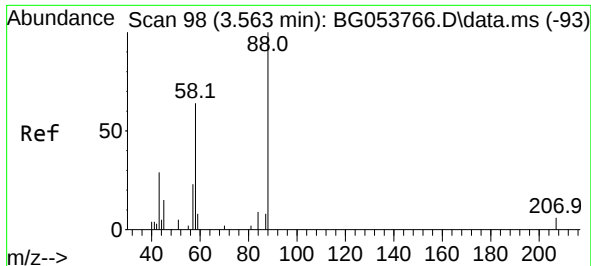
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.777	142	50284	19.998	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.924	216	34537	19.857	ng/ul	99
40) Hexachlorocyclopentadiene	12.912	237	22777	19.262	ng/ul	97
41) 2,4,6-Trichlorophenol	13.159	196	19882	20.061	ng/ul	89
42) 2,4,5-Trichlorophenol	13.224	196	21925	20.567	ng/ul	93
43) 1,1'-Biphenyl	13.559	154	70434	19.582	ng/ul	100
44) 2-Chloronaphthalene	13.600	162	54266	19.368	ng/ul	97
45) 2-Nitroaniline	13.794	65	12607	21.164	ng/ul	97
47) Dimethylphthalate	14.170	163	71714	19.601	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	11192	20.964	ng/ul	90
50) Acenaphthylene	14.446	152	89741	19.606	ng/ul	99
51) 3-Nitroaniline	14.610	138	10938	21.396	ng/ul	97
52) Acenaphthene	14.787	153	58466	19.245	ng/ul	96
53) 2,4-Dinitrophenol	14.810	184	5059	17.962	ng/ul#	82
55) 4-Nitrophenol	14.898	109	9696	19.556	ng/ul	90
56) Dibenzofuran	15.122	168	86917	19.780	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	16155	21.663	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	18360	19.439	ng/ul#	99
59) Diethylphthalate	15.533	149	72478	19.146	ng/ul	99
61) Fluorene	15.768	166	70824	19.668	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.762	204	39208	19.408	ng/ul	96
63) 4-Nitroaniline	15.768	138	11501	23.306	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.827	198	8175	17.804	ng/ul#	93
67) N-Nitrosodiphenylamine	15.968	169	63820	18.929	ng/ul	97
68) 4-Bromophenyl-phenylether	16.655	248	26515	19.365	ng/ul	98
69) Hexachlorobenzene	16.773	284	30014	20.302	ng/ul	97
70) Atrazine	16.914	200	29542	19.863	ng/ul	98
71) Pentachlorophenol	17.160	266	358	0.407	ng/ul	90
72) Phenanthrene	17.507	178	124021	19.469	ng/ul	99
74) Anthracene	17.601	178	126983	19.535	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.529	216	36259	18.568	ng/ul	98
76) Pentachlorobenzene	15.045	250	33555	19.131	ng/ul	94
77) Carbazole	17.860	167	114622	20.229	ng/ul	98
78) Di-n-butylphthalate	18.429	149	136705	19.296	ng/ul	100
80) Fluoranthene	19.516	202	165360	18.483	ng/ul	98
82) Pyrene	19.875	202	168156	18.962	ng/ul	99
83) Butylbenzylphthalate	20.768	149	62238	19.285	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.637	252	67903	21.105	ng/ul	96
85) Benzo(a)anthracene	21.726	228	181368	19.836	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.649	149	91544	19.316	ng/ul	98
87) Chrysene	21.796	228	173147	19.812	ng/ul	97
89) Di-n-octyl phthalate	22.883	149	155028	19.467	ng/ul	100
90) Benzo(b)fluoranthene	23.976	252	176554	19.227	ng/ul	96
91) Benzo(k)fluoranthene	24.052	252	173321	19.818	ng/ul	99
93) Benzo(a)pyrene	24.869	252	173234	19.533	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.753	276	200334	19.693	ng/ul	98
95) Dibenzo(a,h)anthracene	28.835	278	172432	19.740	ng/ul	98
96) Benzo(g,h,i)perylene	29.922	276	167813	19.558	ng/ul	99

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

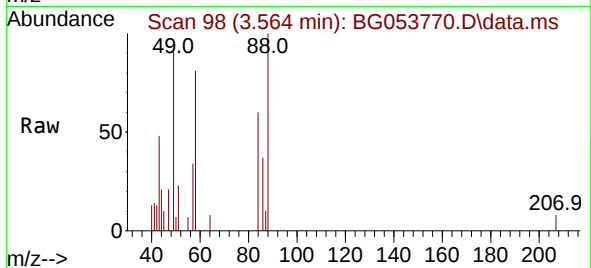
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ClientSampleId :
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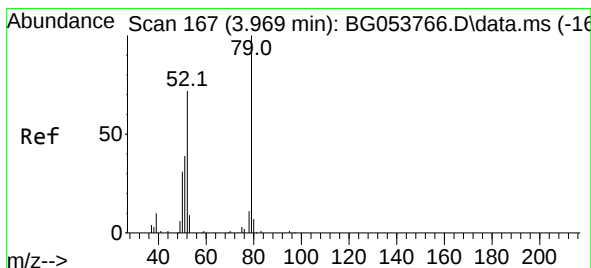
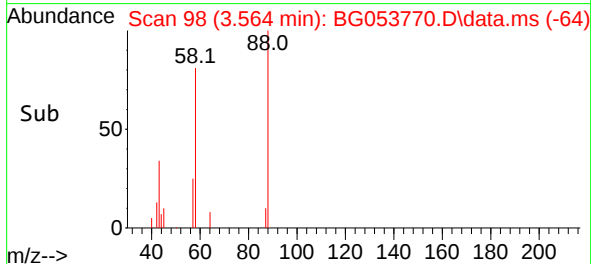
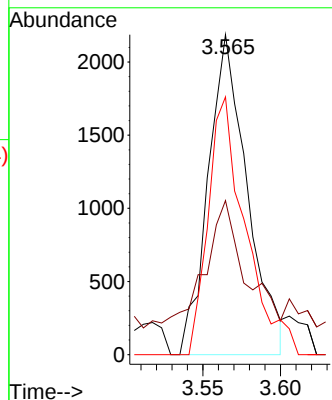
#2
1,4-Dioxane
Concen: 7.762 ng/uL
RT: 3.564 min Scan# 98
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Instrument :
BNA_G
ClientSampleId :
SICV427



Tgt Ion: 88 Resp: 3831

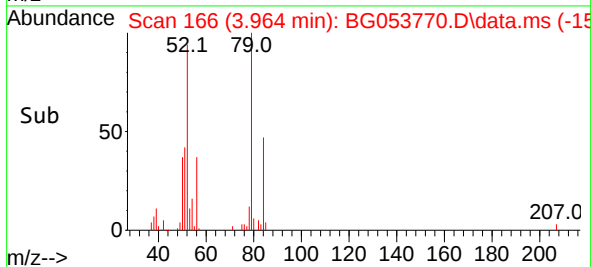
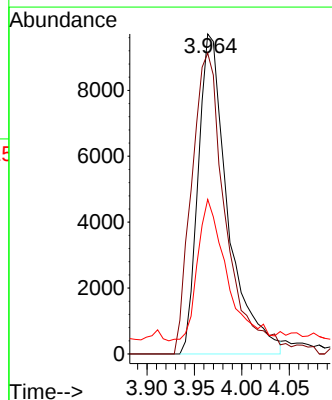
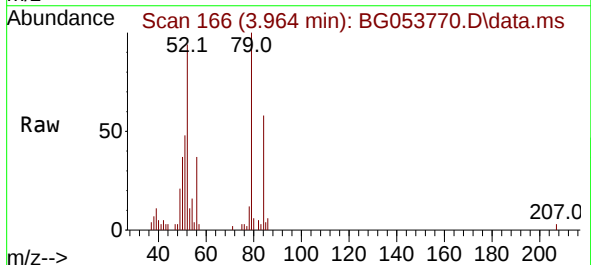
Ion	Ratio	Lower	Upper
88	100		
43	48.1	48.1	72.1
58	80.6	59.8	89.6

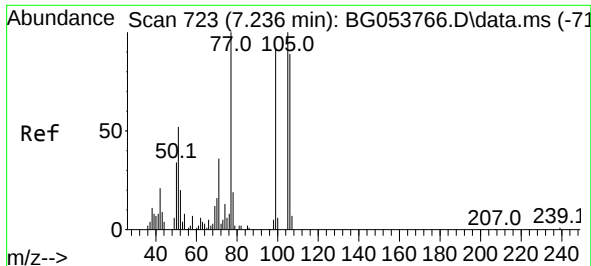


#5
Pyridine
Concen: 19.423 ng/uL
RT: 3.964 min Scan# 166
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion: 79 Resp: 21245

Ion	Ratio	Lower	Upper
79	100		
52	94.0	75.4	113.2
51	48.3	35.2	52.8

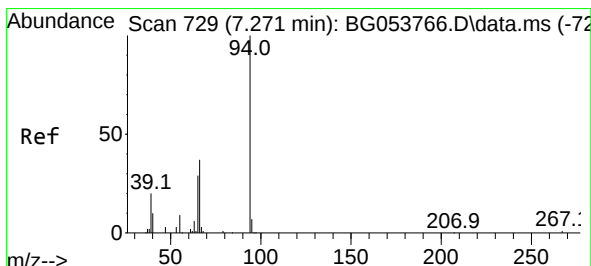
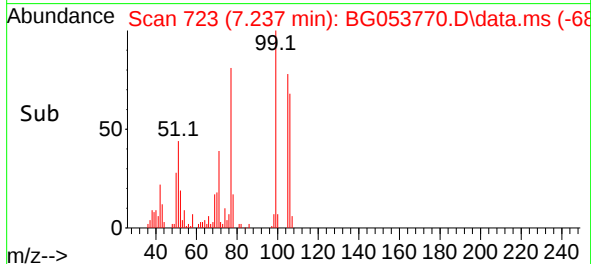
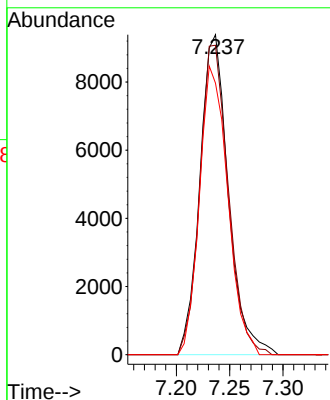
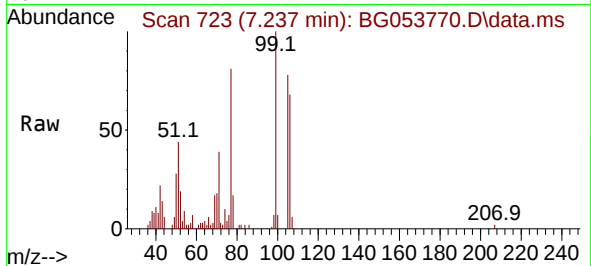




#6
Benzaldehyde
Concen: 24.490 ng/ul
RT: 7.237 min Scan# 723
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

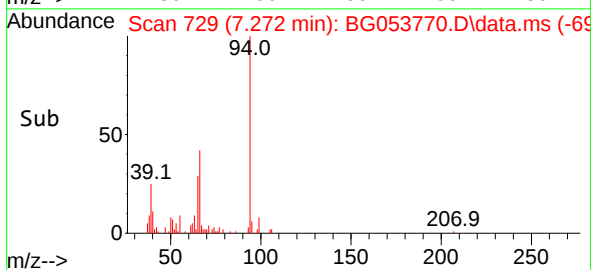
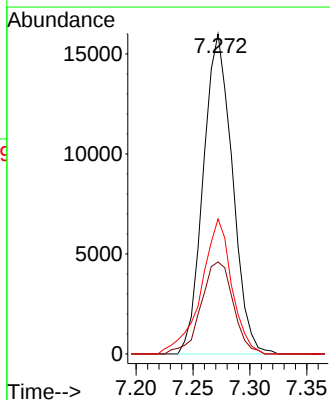
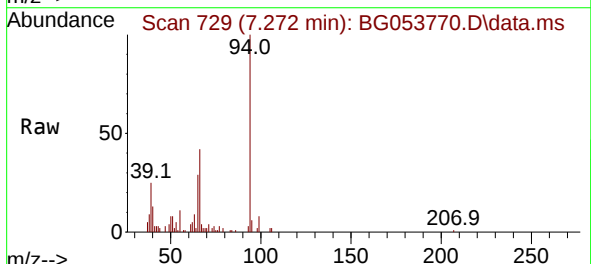
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ClientSampleId :
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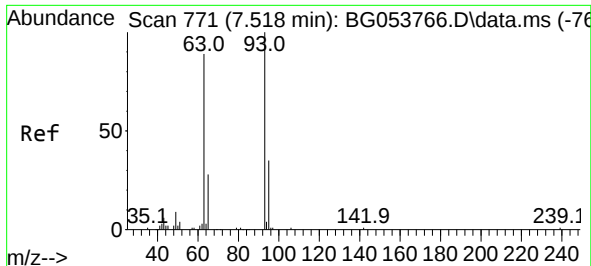
Tgt Ion: 77 Resp: 17408
Ion Ratio Lower Upper
77 100
105 96.7 79.7 119.5
106 84.8 71.0 106.4



#8
Phenol
Concen: 19.708 ng/ul
RT: 7.272 min Scan# 729
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion: 94 Resp: 28470
Ion Ratio Lower Upper
94 100
65 28.8 24.1 36.1
66 42.2 32.5 48.7

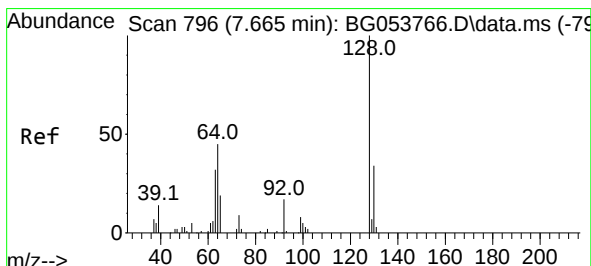
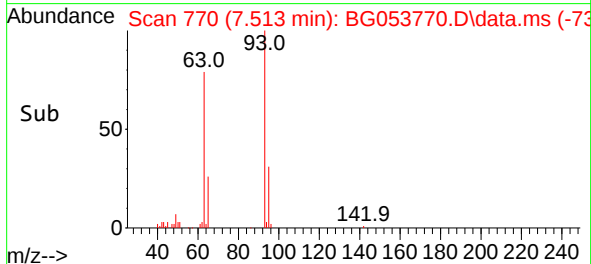
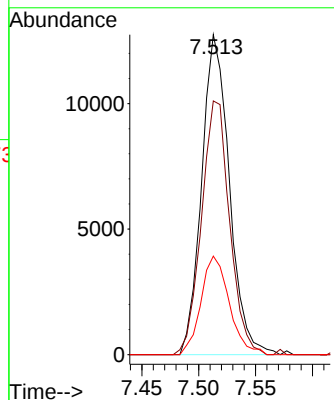
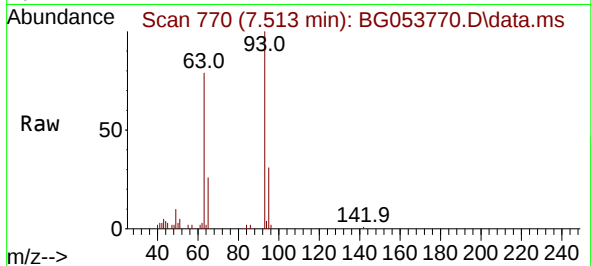




#10
 Bis(2-Chloroethyl)ether
 Concen: 19.534 ng/ul
 RT: 7.513 min Scan# 771
 Delta R.T. -0.005 min
 Lab File: BG053770.D
 Acq: 31 May 2022 21:56

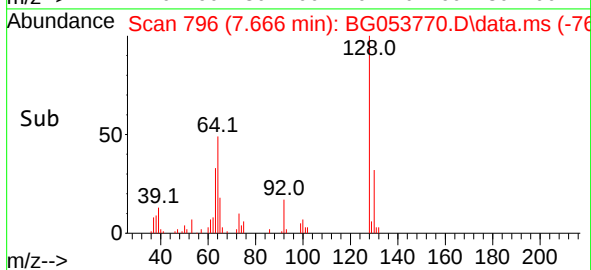
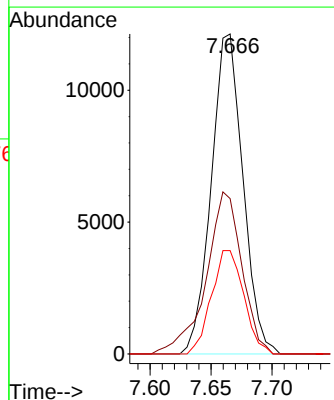
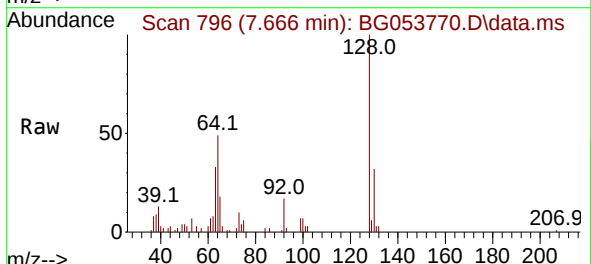
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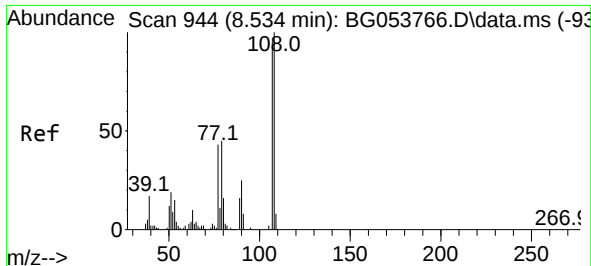
Tgt Ion: 93 Resp: 21610
 Ion Ratio Lower Upper
 93 100
 63 79.3 72.3 108.5
 95 30.8 29.4 44.0



#12
 2-Chlorophenol
 Concen: 20.010 ng/ul
 RT: 7.666 min Scan# 796
 Delta R.T. 0.001 min
 Lab File: BG053770.D
 Acq: 31 May 2022 21:56

Tgt Ion:128 Resp: 21974
 Ion Ratio Lower Upper
 128 100
 64 48.5 41.4 62.2
 130 32.3 27.0 40.6

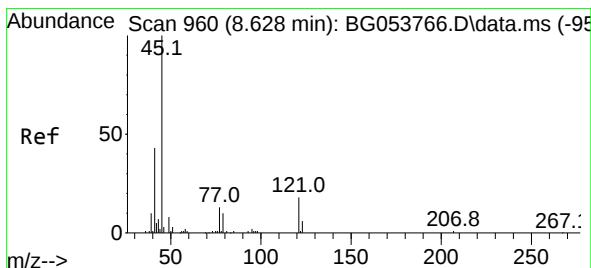
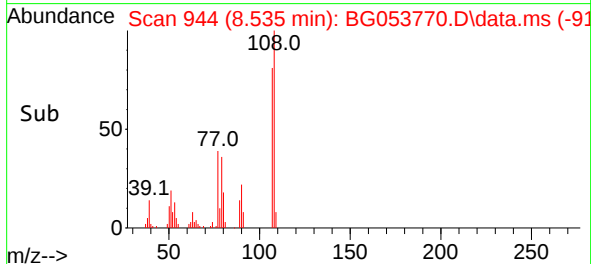
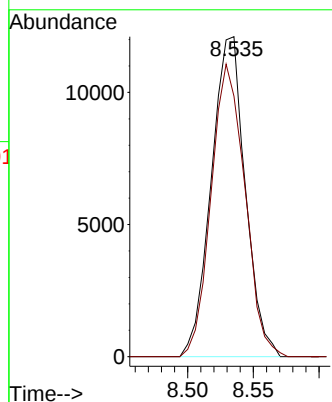
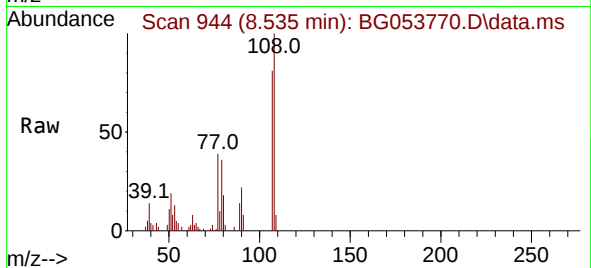




#13
2-Methylphenol
Concen: 19.667 ng/ul
RT: 8.535 min Scan# 944
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

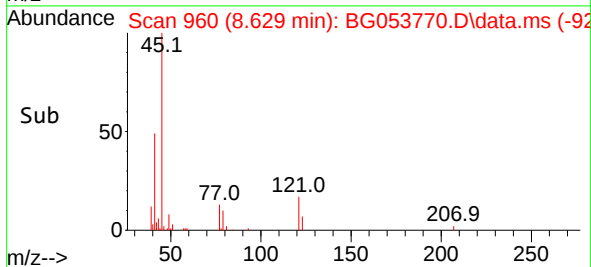
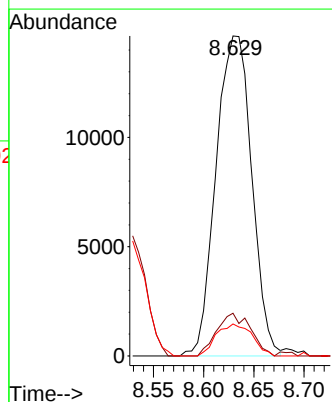
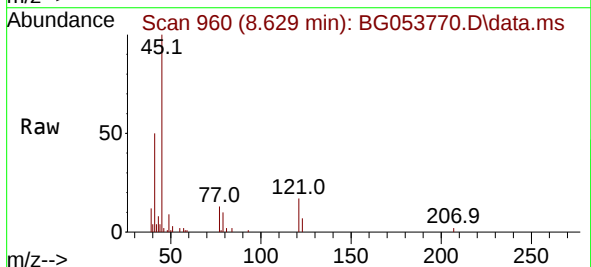
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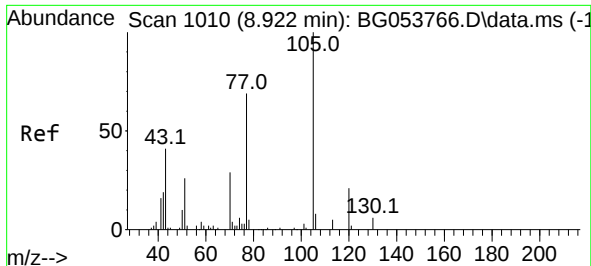
Tgt Ion:108 Resp: 21825
Ion Ratio Lower Upper
108 100
107 81.4 75.8 113.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.498 ng/ul
RT: 8.629 min Scan# 960
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion: 45 Resp: 36252
Ion Ratio Lower Upper
45 100
77 13.3 10.2 15.4
79 10.0 8.1 12.1

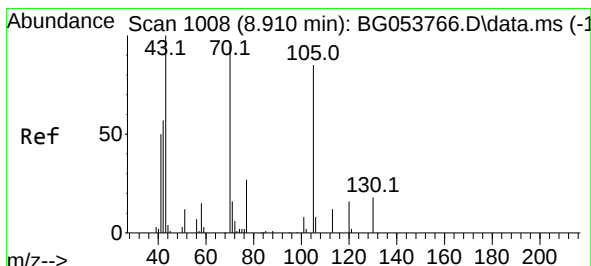
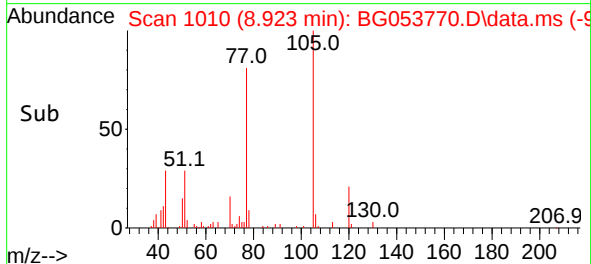
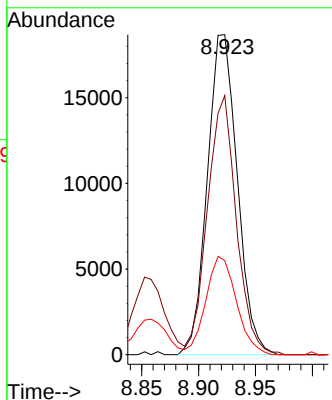
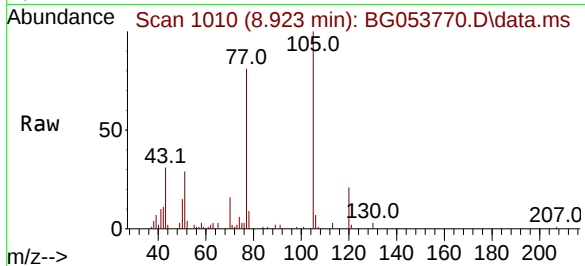




#16
Acetophenone
Concen: 19.650 ng/ul
RT: 8.923 min Scan# 1010
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

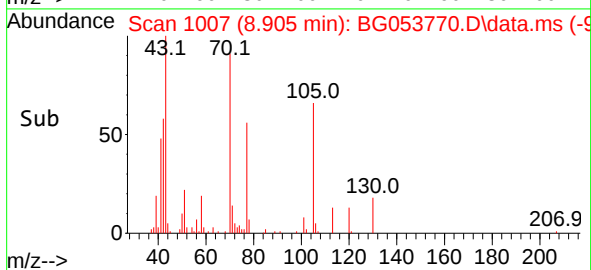
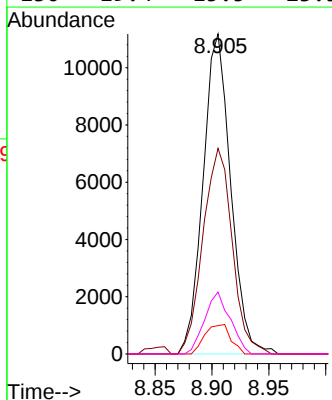
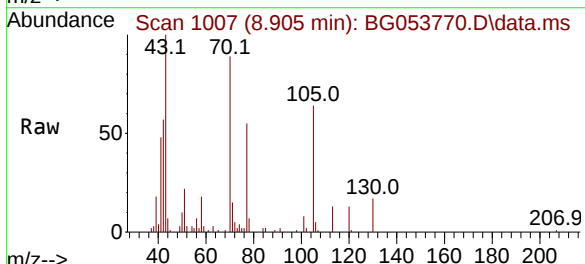
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SICV427

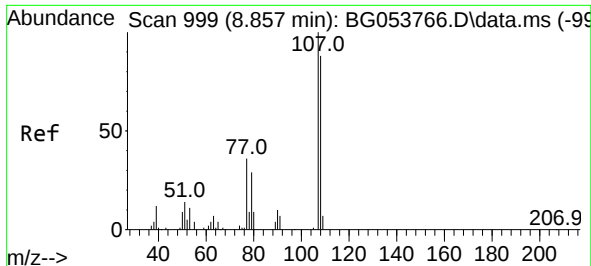
Tgt Ion:	105	Resp:	34308
Ion Ratio	Lower	Upper	
105	100		
77	81.0	61.0	91.6
51	29.4	22.8	34.2



#17
N-Nitroso-di-n-propylamine
Concen: 19.378 ng/ul
RT: 8.905 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:	70	Resp:	18885
Ion Ratio	Lower	Upper	
70	100		
42	64.2	50.2	75.4
101	8.9	7.1	10.7
130	19.4	15.5	23.3

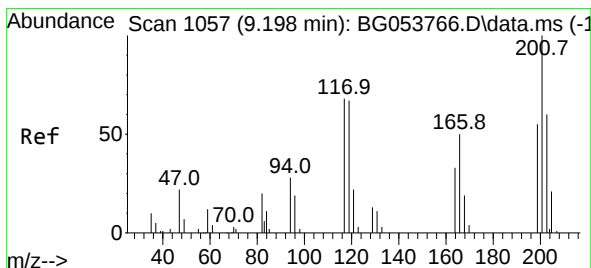
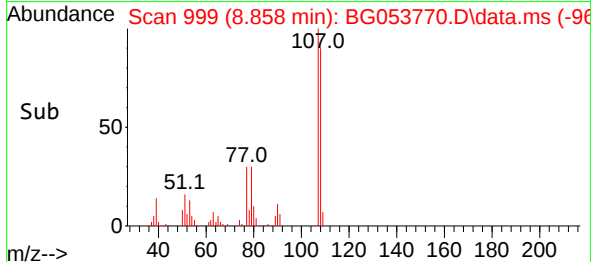
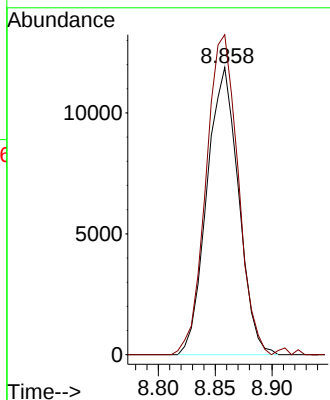
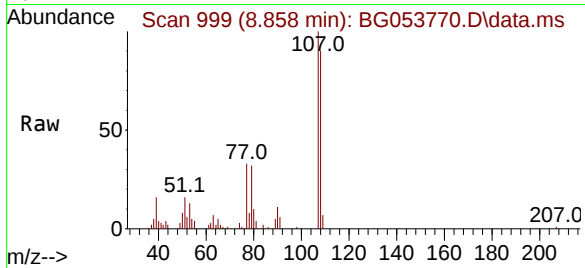




#18
4-Methylphenol
Concen: 19.611 ng/ul
RT: 8.858 min Scan# 999
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

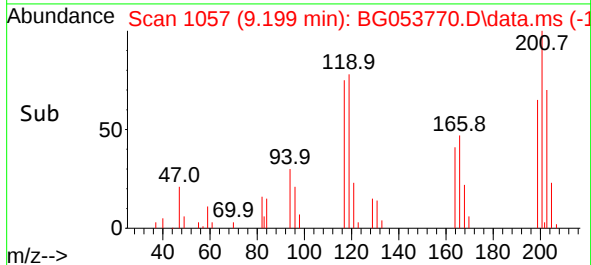
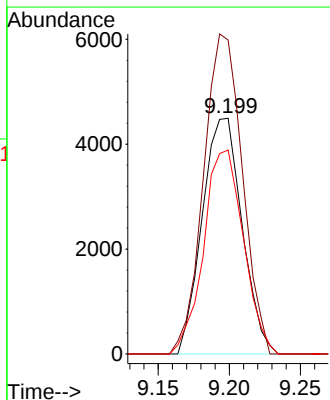
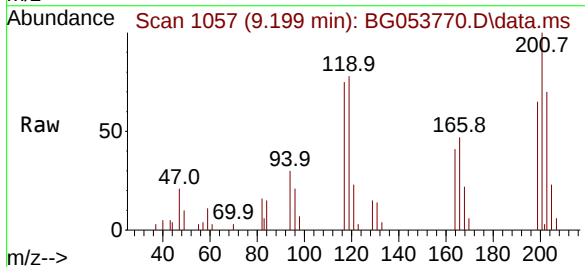
Instrument :
BNA_G
ClientSampleId :
SICV427

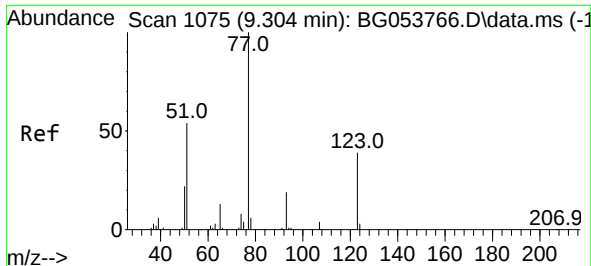
Tgt Ion:108 Resp: 23003
Ion Ratio Lower Upper
108 100
107 111.4 90.7 136.1



#19
Hexachloroethane
Concen: 18.828 ng/ul
RT: 9.199 min Scan# 1057
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:117 Resp: 8765
Ion Ratio Lower Upper
117 100
201 133.2 117.4 176.0
199 86.5 64.0 96.0





#22

Nitrobenzene

Concen: 21.817 ng/ul

RT: 9.299 min Scan# 1074

Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Instrument :

BNA_G

ClientSampleId :

SICV427

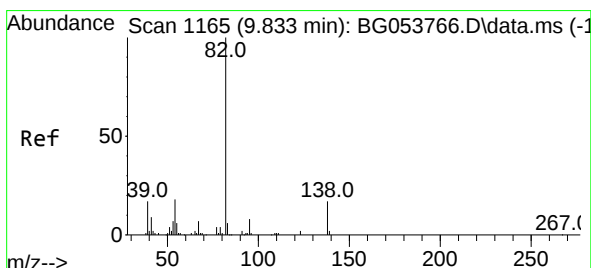
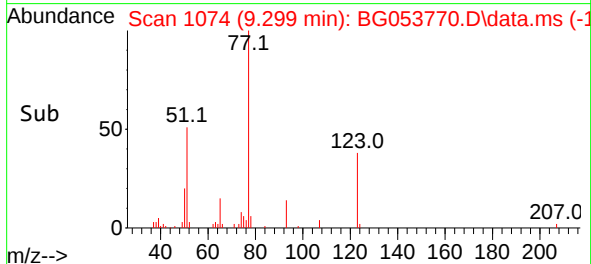
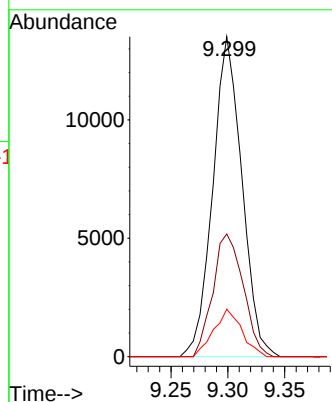
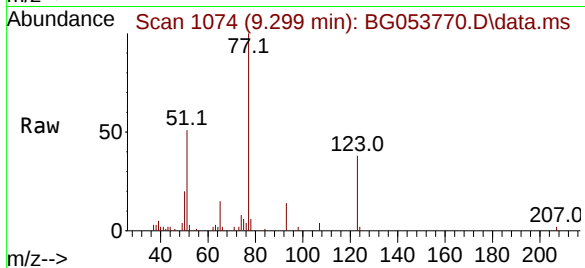
Tgt Ion: 77 Resp: 24046

Ion Ratio Lower Upper

77 100

123 38.4 31.2 46.8

65 14.9 10.5 15.7



#23

Isophorone

Concen: 19.174 ng/ul

RT: 9.828 min Scan# 1164

Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

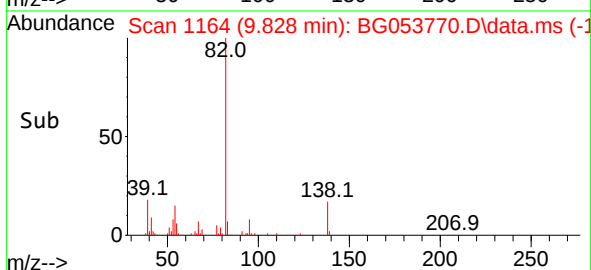
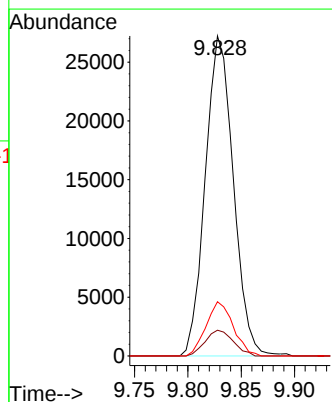
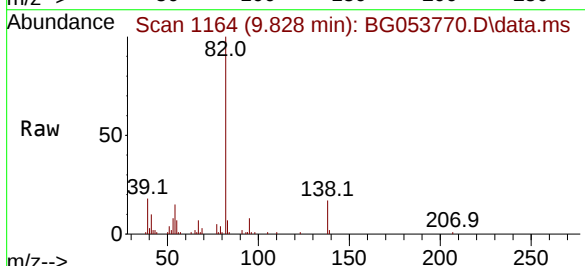
Tgt Ion: 82 Resp: 49836

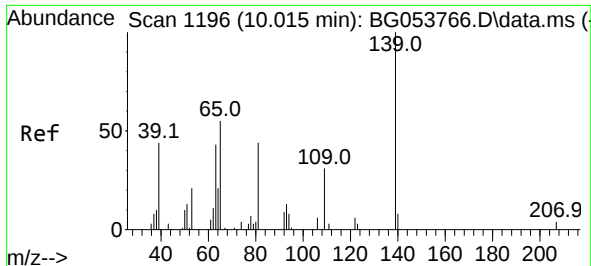
Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

138 17.0 13.6 20.4

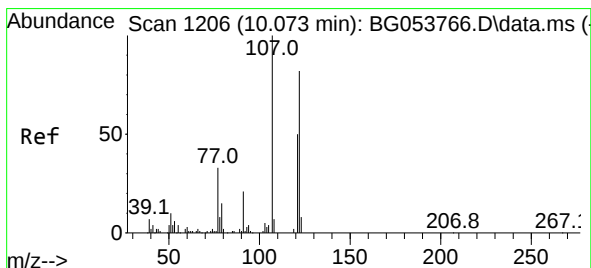
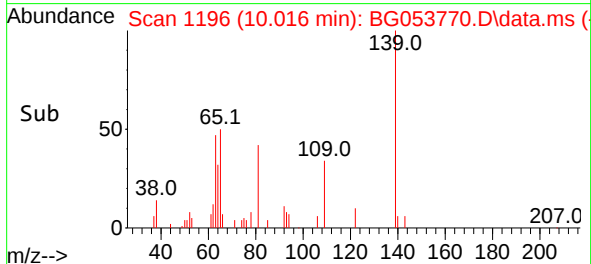
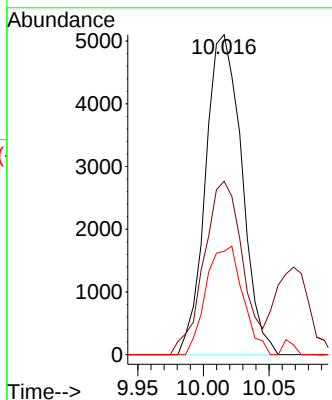
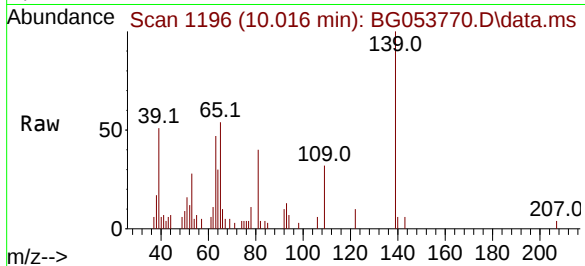




#25
2-Nitrophenol
Concen: 21.979 ng/ul
RT: 10.016 min Scan# 1196
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

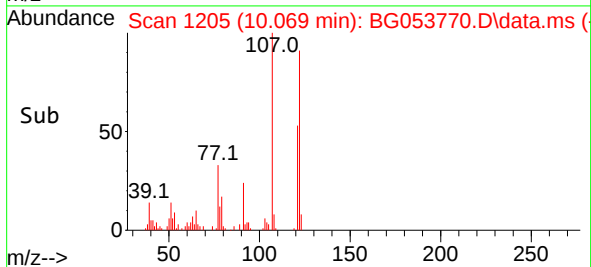
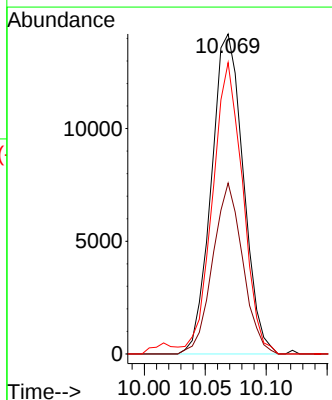
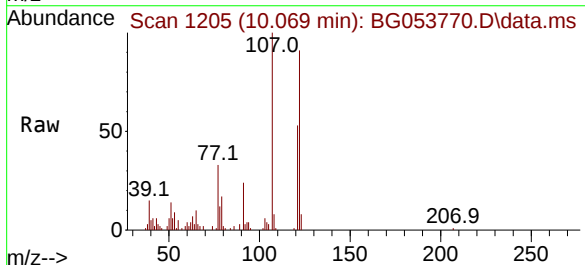
Instrument :
BNA_G
ClientSampleId :
SICV427

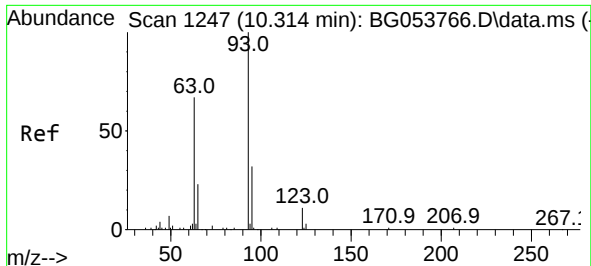
Tgt Ion	Ratio	Lower	Upper
139	100		
65	54.2	47.7	71.5
109	32.4	27.1	40.7



#26
2,4-Dimethylphenol
Concen: 19.214 ng/ul
RT: 10.069 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion	Ratio	Lower	Upper
107	100		
121	53.4	39.9	59.9
122	91.1	66.7	100.1





#27

Bis(2-Chloroethoxy)methane

Concen: 19.456 ng/ul

RT: 10.310 min Scan# 1246

Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

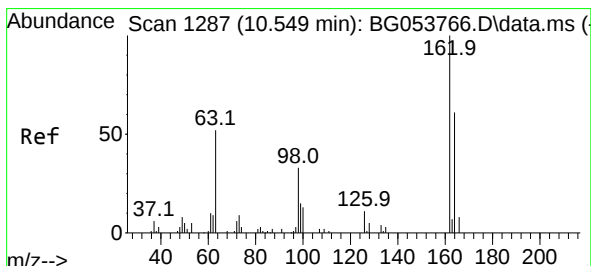
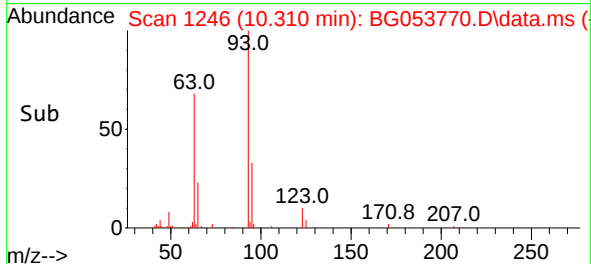
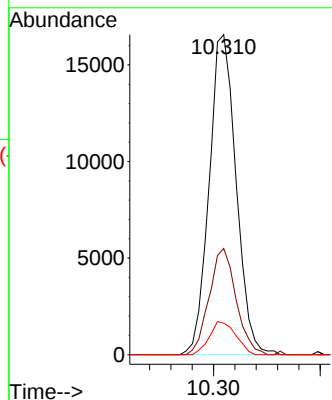
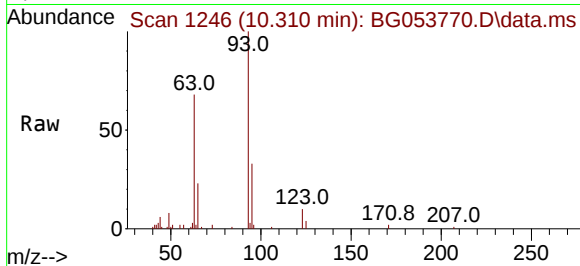
Instrument :

BNA_G

ClientSampleId :

SICV427

Tgt Ion:	93	Resp:	29080
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	9.9	8.8	13.2



#29

2,4-Dichlorophenol

Concen: 20.027 ng/ul

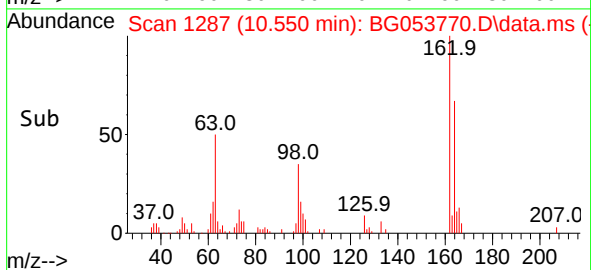
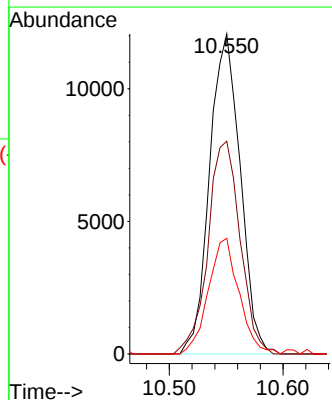
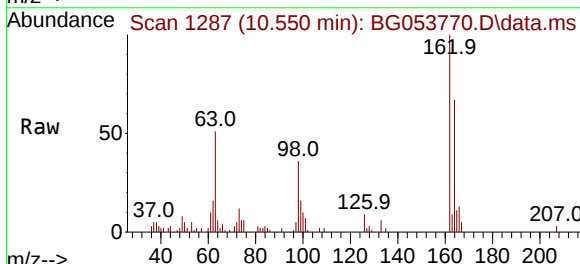
RT: 10.550 min Scan# 1287

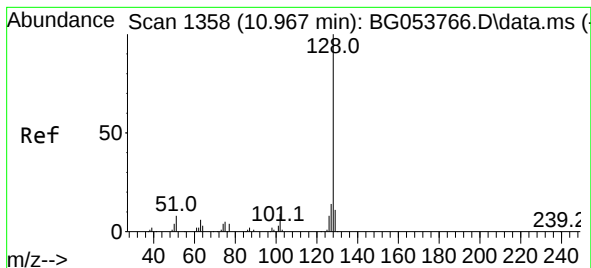
Delta R.T. 0.001 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Tgt Ion:	162	Resp:	22626
Ion	Ratio	Lower	Upper
162	100		
164	66.5	50.9	76.3
98	36.2	28.5	42.7

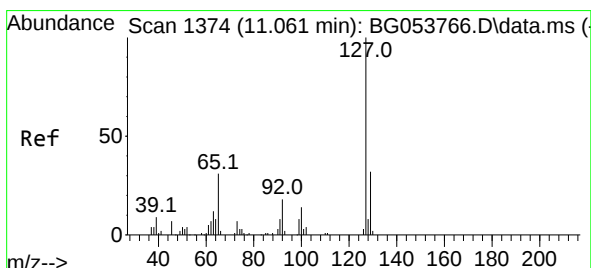
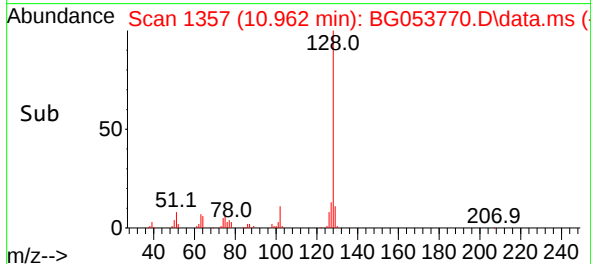
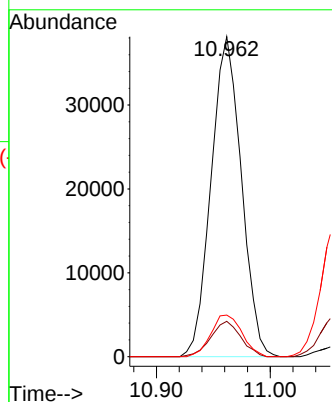
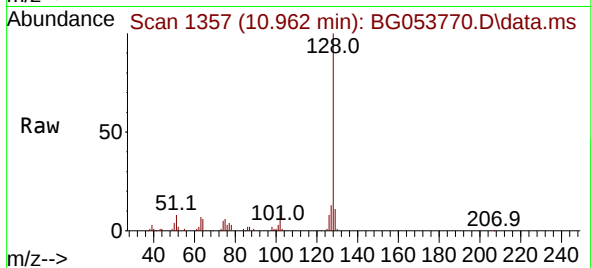




#30
Naphthalene
Concen: 19.695 ng/ul
RT: 10.962 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

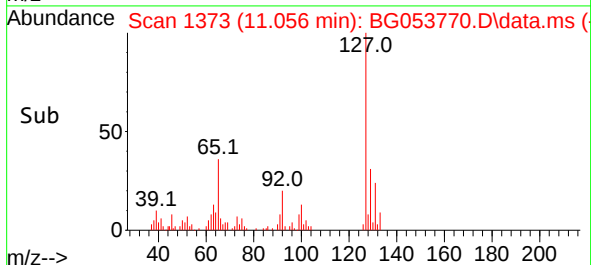
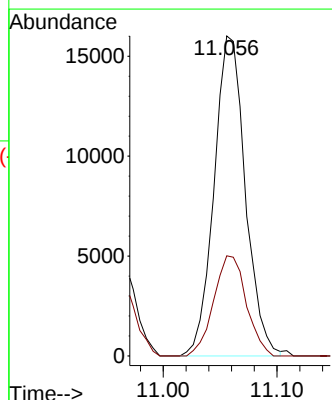
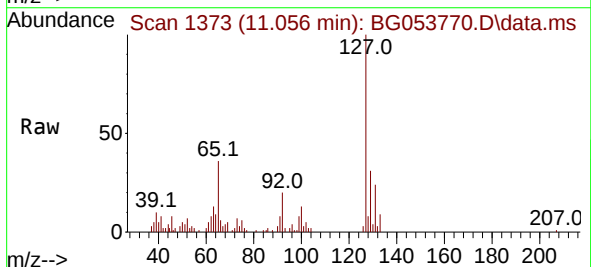
Instrument :
BNA_G
ClientSampleId :
SICV427

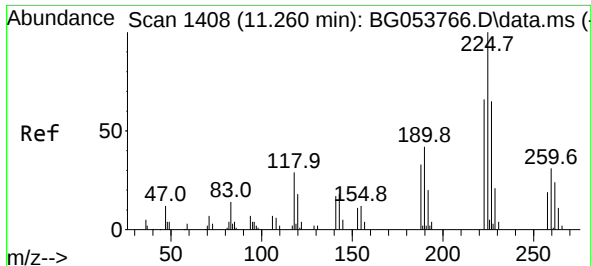
Tgt Ion:128 Resp: 70476
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 11.1 16.7



#32
4-Chloroaniline
Concen: 19.891 ng/ul
RT: 11.056 min Scan# 1373
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:127 Resp: 30629
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2

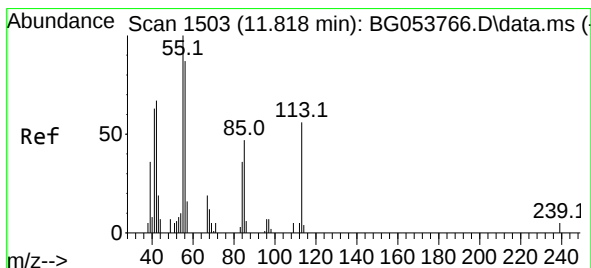
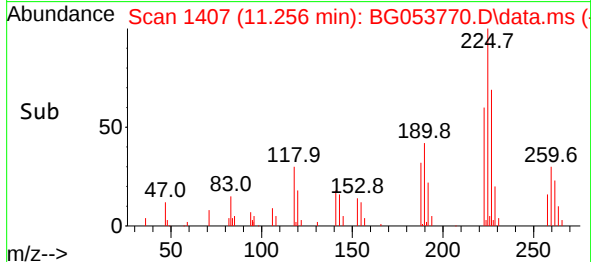
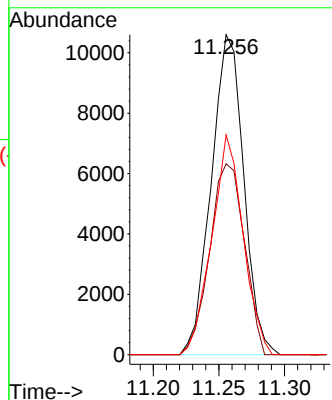
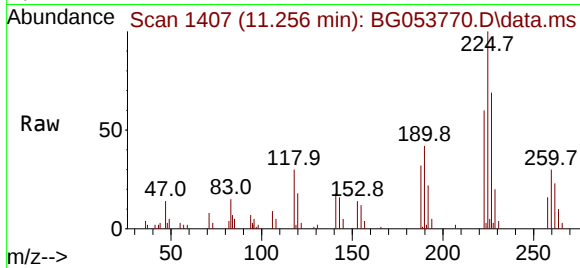




#33
Hexachlorobutadiene
Concen: 19.460 ng/ul
RT: 11.256 min Scan# 1407
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

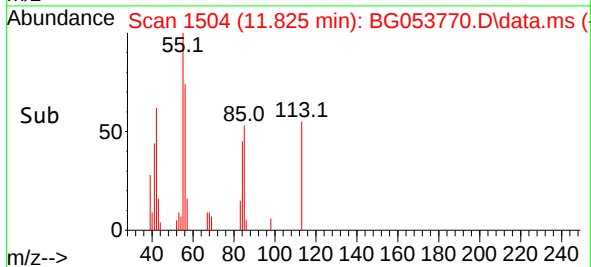
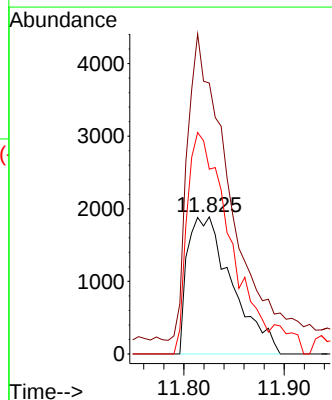
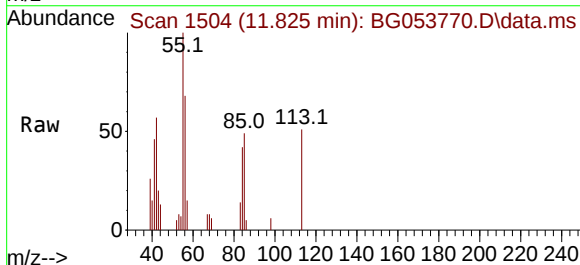
Instrument :
BNA_G
ClientSampleId :
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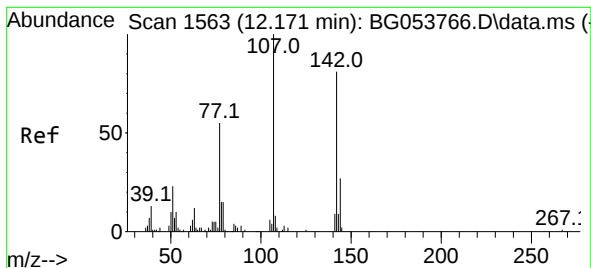
Tgt Ion:	225	Resp:	18247
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.2	75.2
227	71.6	51.8	77.6



#34
Caprolactam
Concen: 18.396 ng/ul
RT: 11.825 min Scan# 1504
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:	113	Resp:	5817
Ion Ratio	Lower	Upper	
113	100		
55	197.5	167.8	251.6
56	134.7	127.6	191.4

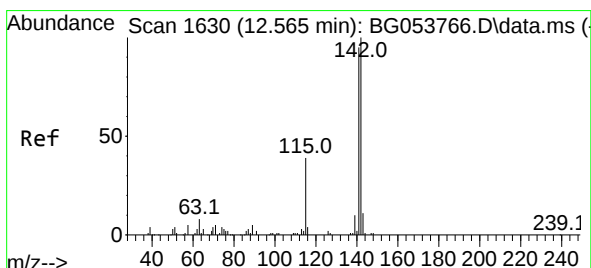
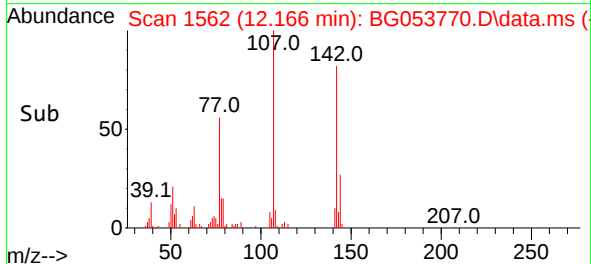
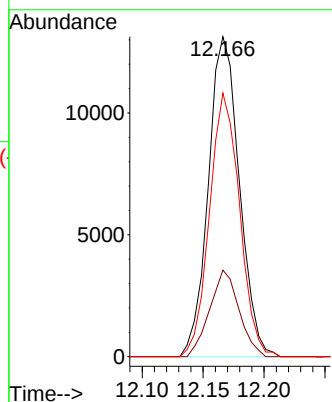
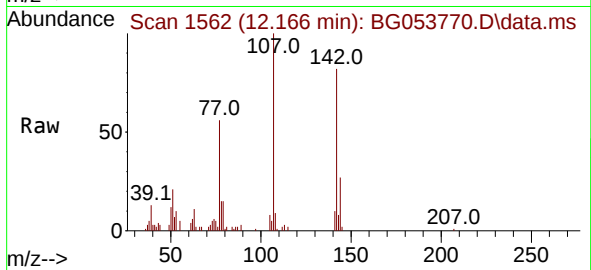




#35
4-Chloro-3-methylphenol
Concen: 19.489 ng/ul
RT: 12.166 min Scan# 1562
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

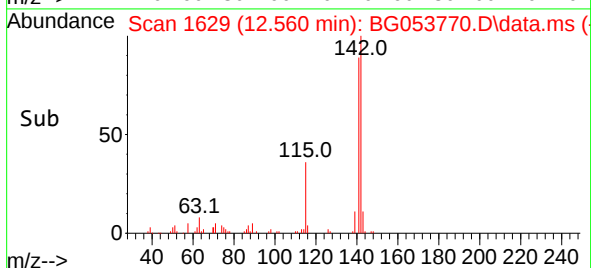
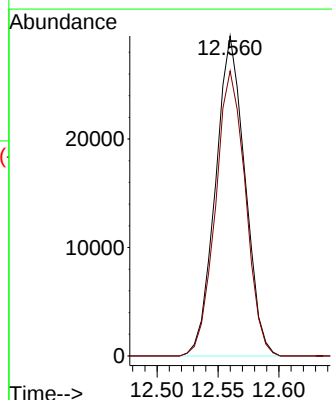
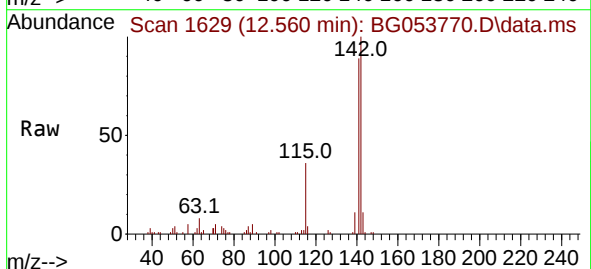
Instrument :
BNA_G
ClientSampleId :
SICV427

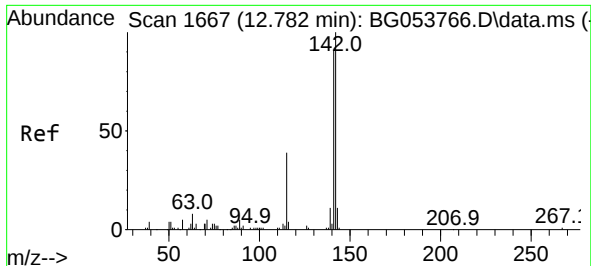
Tgt Ion:	107	Resp:	23234
Ion Ratio	Lower	Upper	
107	100		
144	27.1	21.3	31.9
142	82.4	65.0	97.4



#36
2-Methylnaphthalene
Concen: 19.658 ng/ul
RT: 12.560 min Scan# 1629
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:	142	Resp:	49683
Ion Ratio	Lower	Upper	
142	100		
141	89.0	76.3	114.5

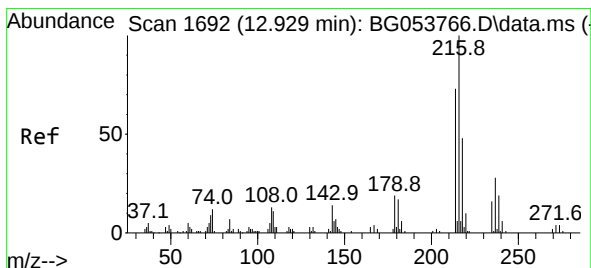
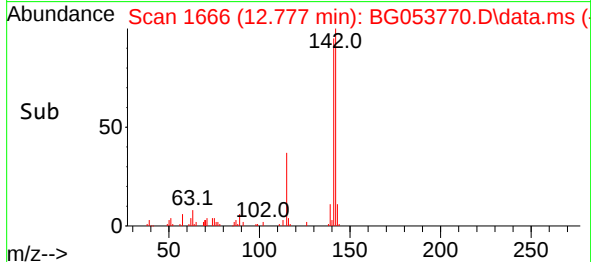
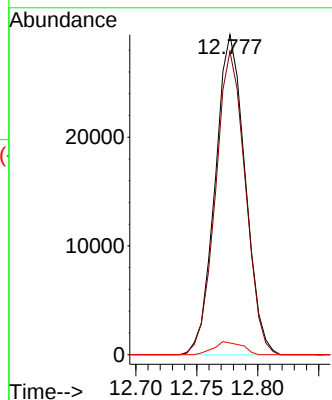
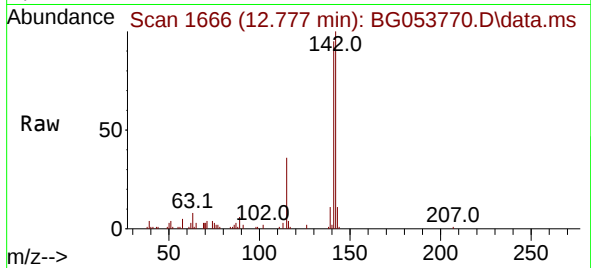




#37
1-Methylnaphthalene
Concen: 19.998 ng/ul
RT: 12.777 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

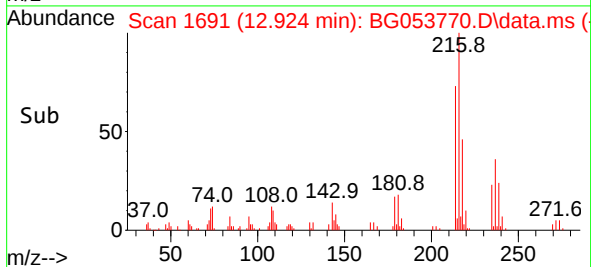
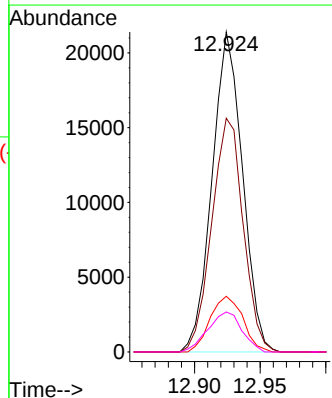
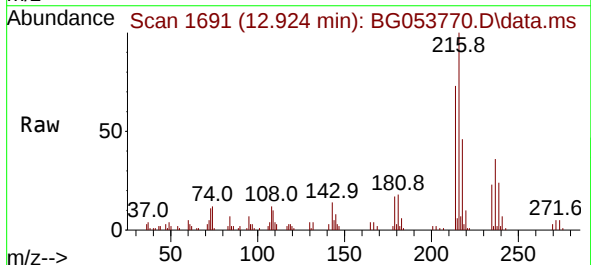
Instrument :
BNA_G
ClientSampleId :
SICV427

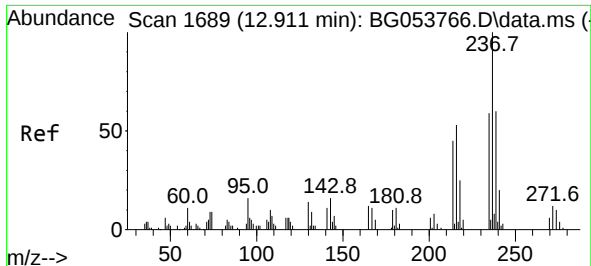
Tgt Ion:142	Resp:	50284
Ion Ratio	Lower	Upper
142	100	
141	94.8	73.4 110.2
116	3.7	3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.857 ng/ul
RT: 12.924 min Scan# 1691
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:216	Resp:	34537
Ion Ratio	Lower	Upper
216	100	
214	73.0	58.1 87.1
179	17.4	14.8 22.2
108	12.5	10.4 15.6

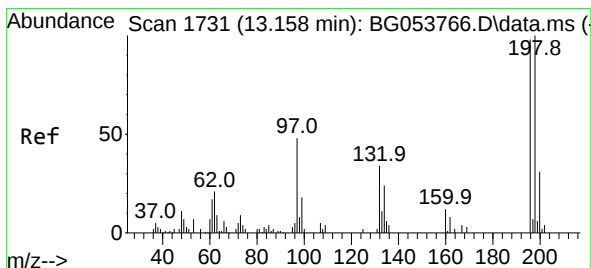
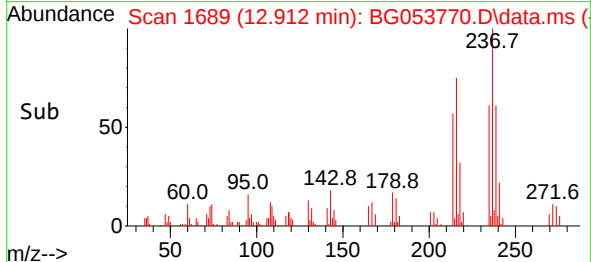
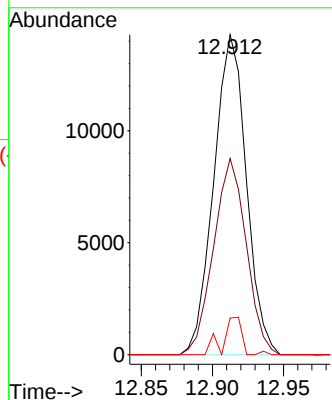
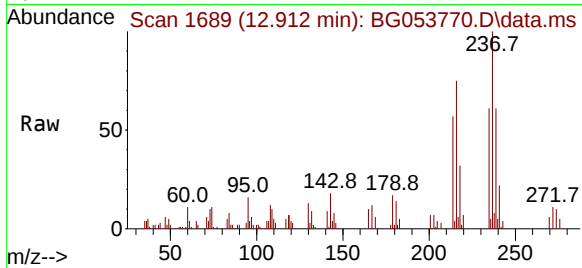




#40
Hexachlorocyclopentadiene
Concen: 19.262 ng/ul
RT: 12.912 min Scan# 1689
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

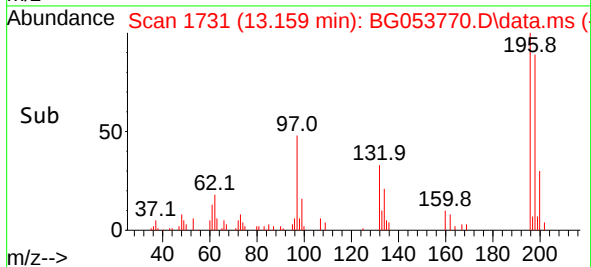
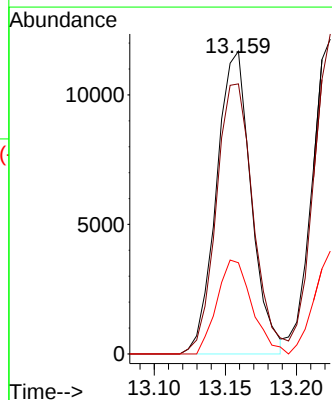
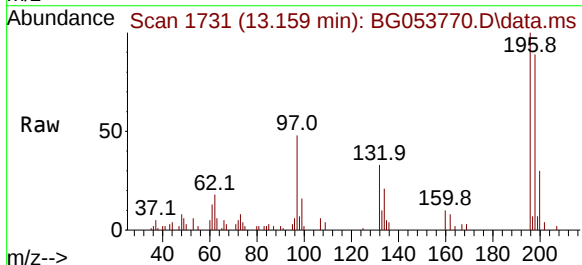
Instrument :
BNA_G
ClientSampleId :
SICV427

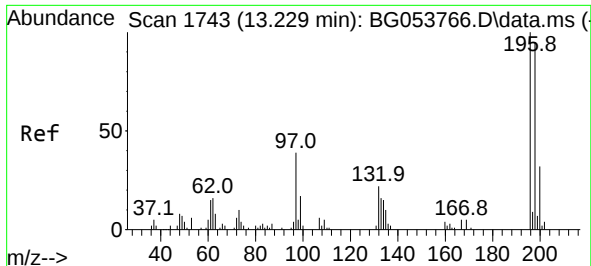
Tgt Ion:237	Resp:	22777
Ion Ratio	Lower	Upper
237	100	
235	61.4	47.0 70.6
272	10.6	8.6 12.8



#41
2,4,6-Trichlorophenol
Concen: 20.061 ng/ul
RT: 13.159 min Scan# 1731
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:196	Resp:	19882
Ion Ratio	Lower	Upper
196	100	
198	89.2	81.9 122.9
200	30.1	25.7 38.5

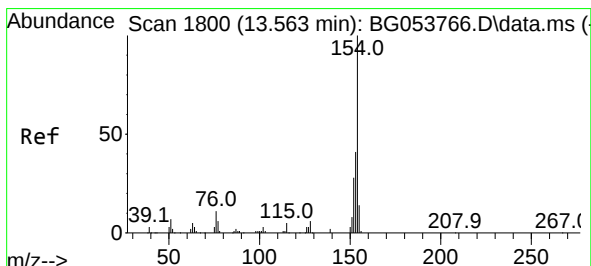
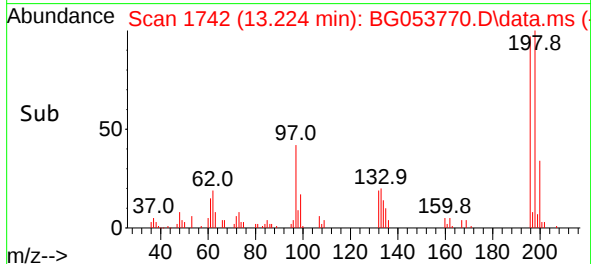
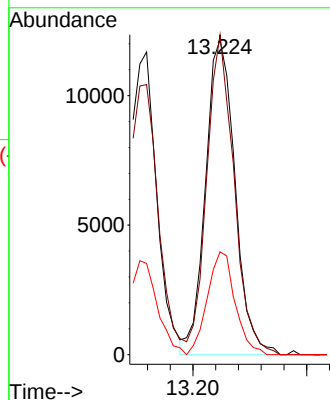
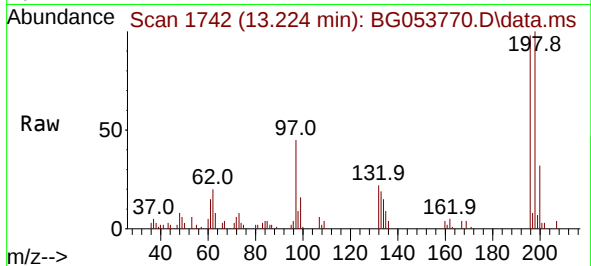




#42
2,4,5-Trichlorophenol
Concen: 20.567 ng/ul
RT: 13.224 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

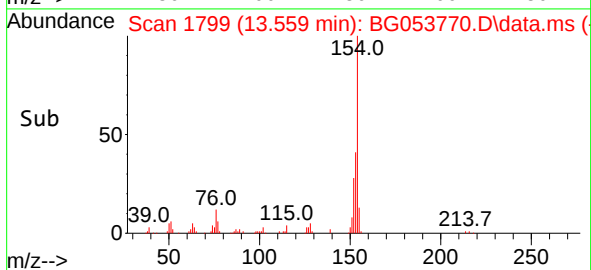
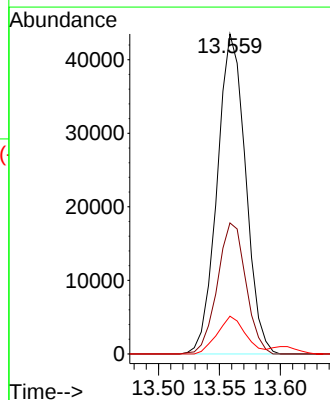
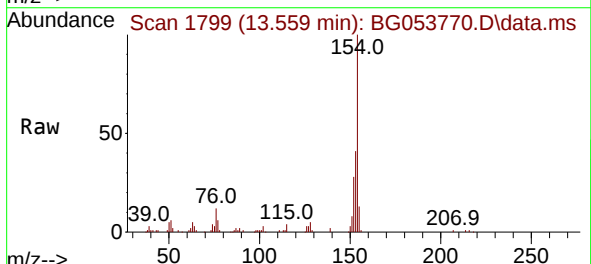
Instrument :
BNA_G
ClientSampleId :
SICV427

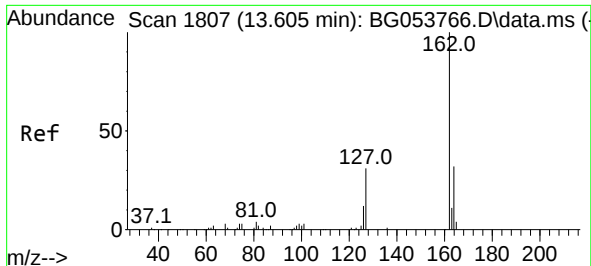
Tgt Ion:196 Resp: 21925
Ion Ratio Lower Upper
196 100
198 101.6 76.3 114.5
200 36.0 25.5 38.3



#43
1,1'-Biphenyl
Concen: 19.582 ng/ul
RT: 13.559 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:154 Resp: 70434
Ion Ratio Lower Upper
154 100
153 41.0 32.7 49.1
76 11.8 9.0 13.6

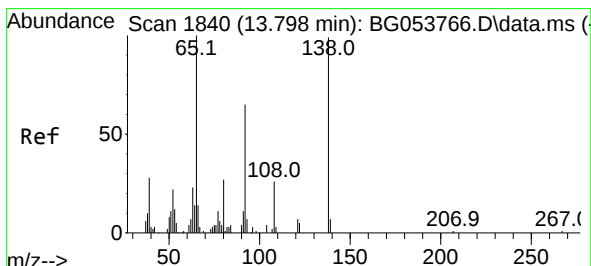
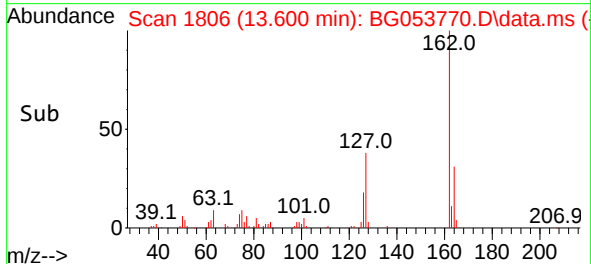
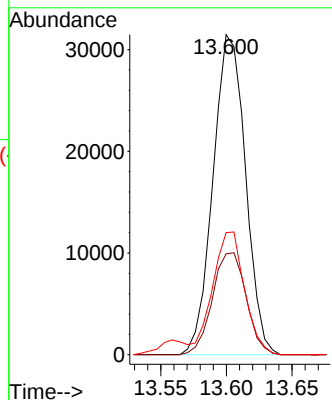
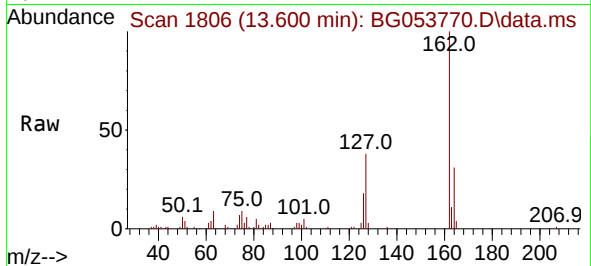




#44
2-Chloronaphthalene
Concen: 19.368 ng/ul
RT: 13.600 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

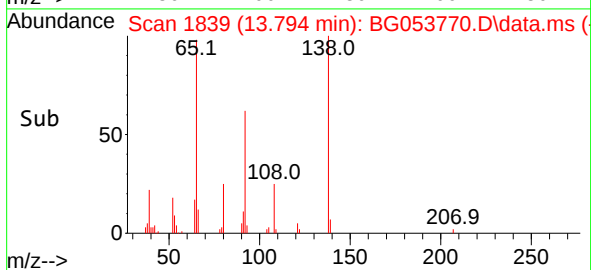
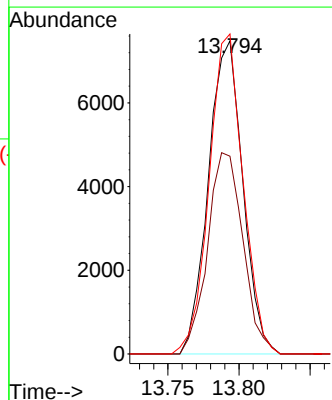
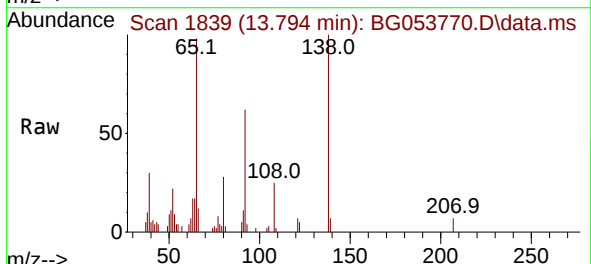
Instrument :
BNA_G
ClientSampleId :
SICV427

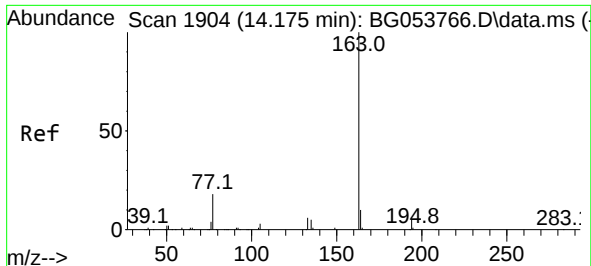
Tgt Ion:	162	Resp:	54266
Ion Ratio	Lower	Upper	
162	100		
164	31.5	25.7	38.5
127	38.2	28.3	42.5



#45
2-Nitroaniline
Concen: 21.164 ng/ul
RT: 13.794 min Scan# 1839
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:	65	Resp:	12607
Ion Ratio	Lower	Upper	
65	100		
92	63.2	52.2	78.4
138	102.2	79.0	118.4

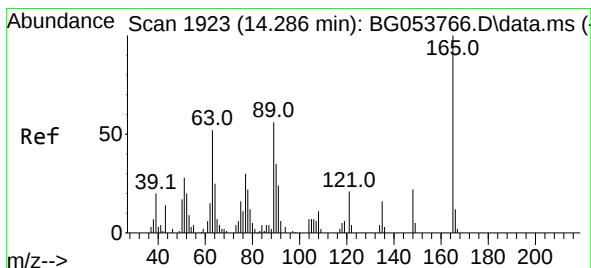
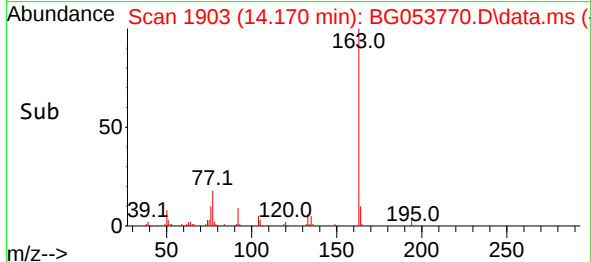
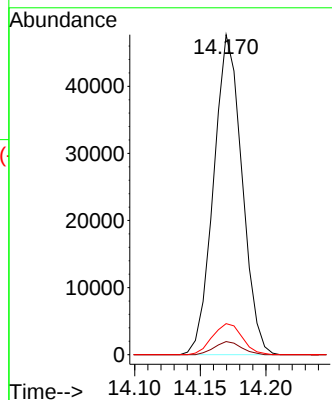
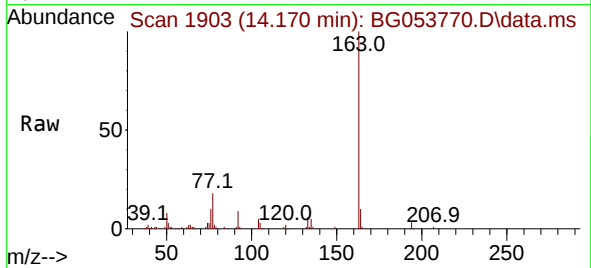




#47
Dimethylphthalate
Concen: 19.601 ng/ul
RT: 14.170 min Scan# 1904
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

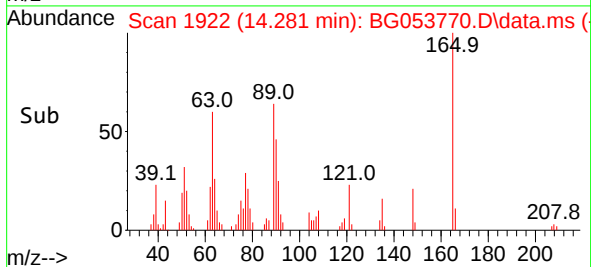
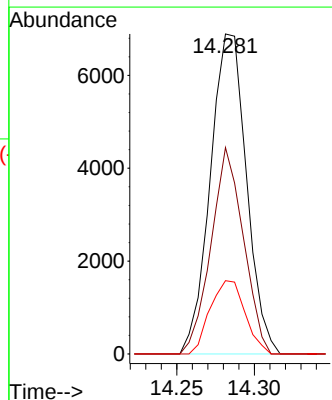
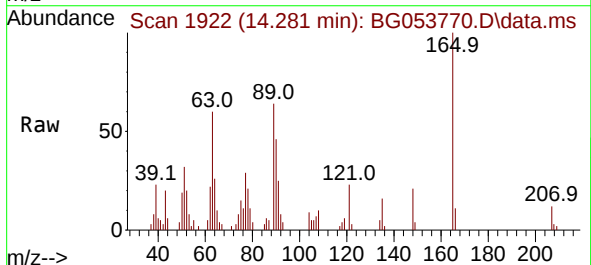
Instrument :
BNA_G
ClientSampleId :
SICV427

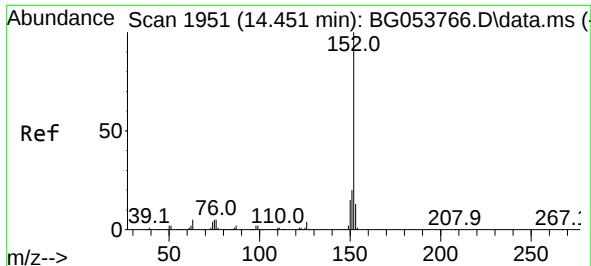
Tgt Ion:163 Resp: 71714
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 9.7 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 20.964 ng/ul
RT: 14.281 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:165 Resp: 11192
Ion Ratio Lower Upper
165 100
89 64.5 44.7 67.1
121 22.9 16.9 25.3

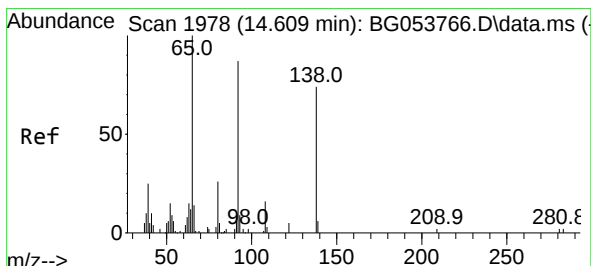
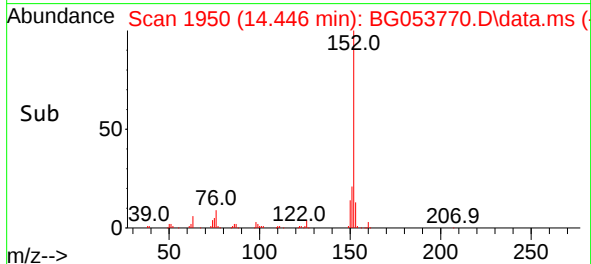
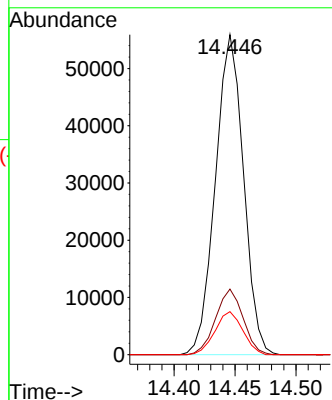
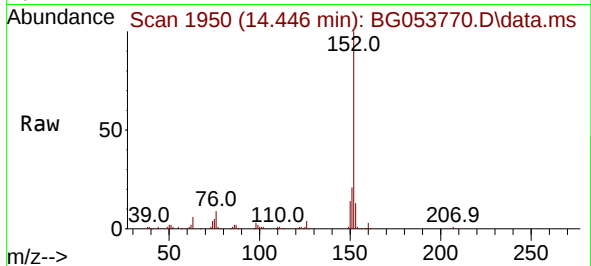




#50
Acenaphthylene
Concen: 19.606 ng/ul
RT: 14.446 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

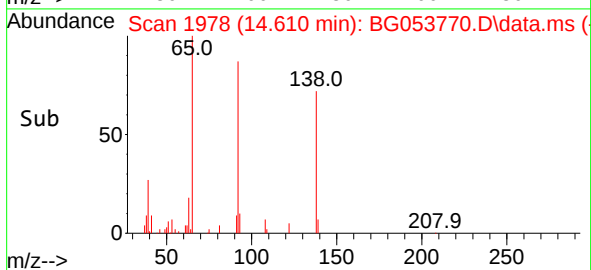
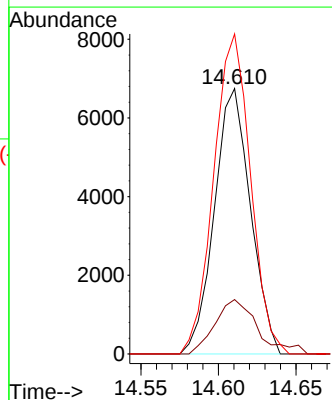
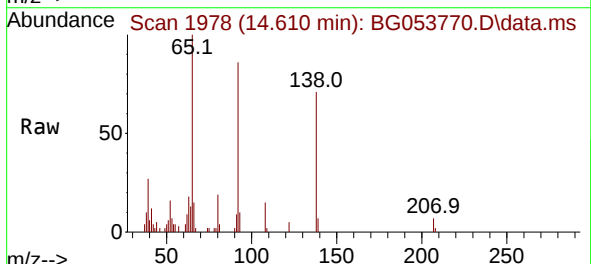
Instrument :
BNA_G
ClientSampleId :
SICV427

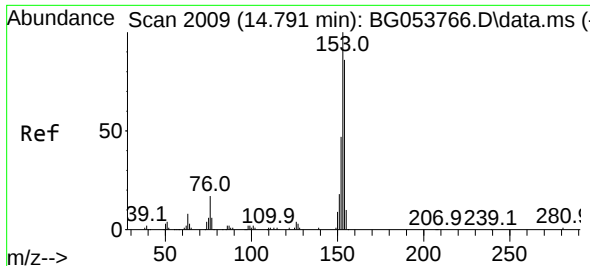
Tgt Ion:152	Resp:	89741
Ion Ratio	Lower	Upper
152	100	
151	20.5	16.2 24.2
153	13.4	10.5 15.7



#51
3-Nitroaniline
Concen: 21.396 ng/ul
RT: 14.610 min Scan# 1978
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:138	Resp:	10938
Ion Ratio	Lower	Upper
138	100	
108	20.5	17.8 26.6
92	120.6	94.2 141.4

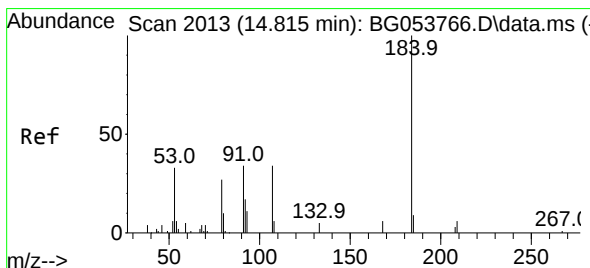
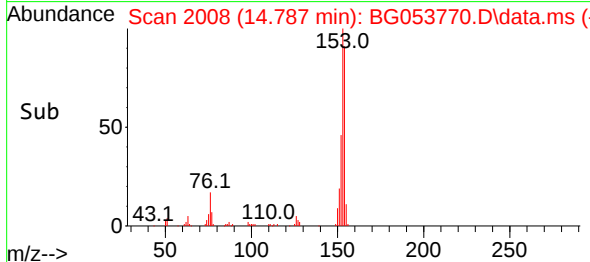
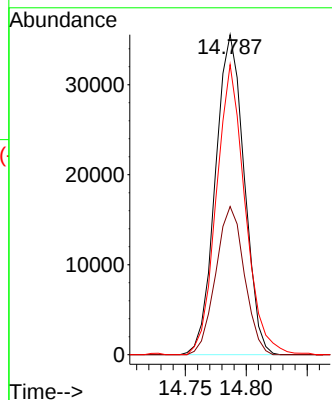
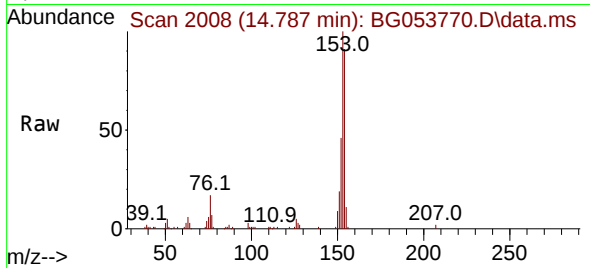




#52
Acenaphthene
Concen: 19.245 ng/ul
RT: 14.787 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

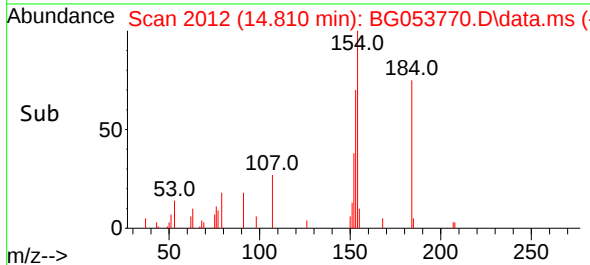
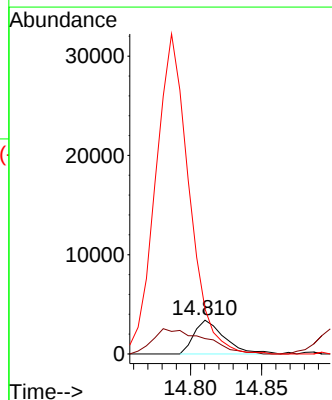
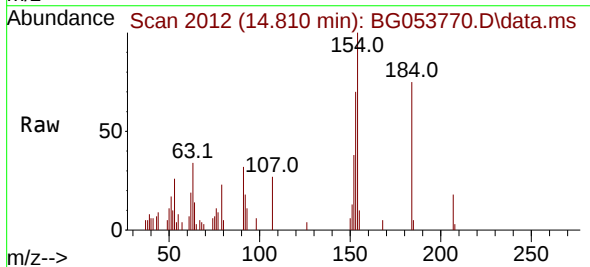
Instrument :
BNA_G
ClientSampleId :
SICV427

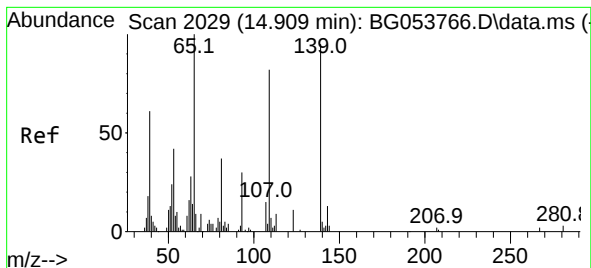
Tgt Ion:153 Resp: 58466
Ion Ratio Lower Upper
153 100
152 46.3 37.5 56.3
154 90.6 68.8 103.2



#53
2,4-Dinitrophenol
Concen: 17.962 ng/ul
RT: 14.810 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:184 Resp: 5059
Ion Ratio Lower Upper
184 100
63 45.7 34.7 52.1
154 133.7 87.3 130.9#

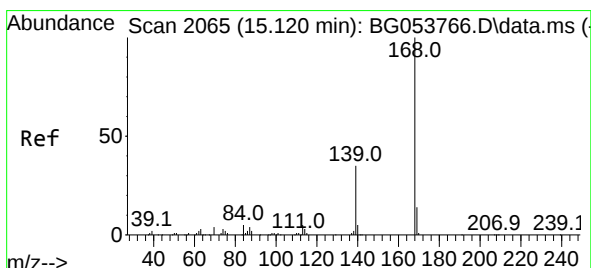
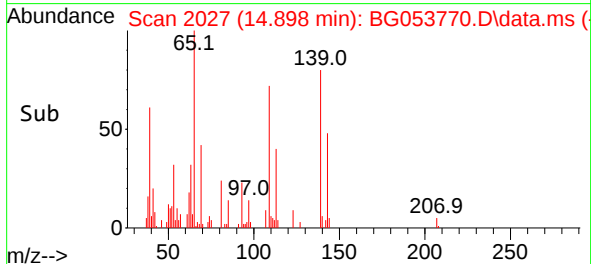
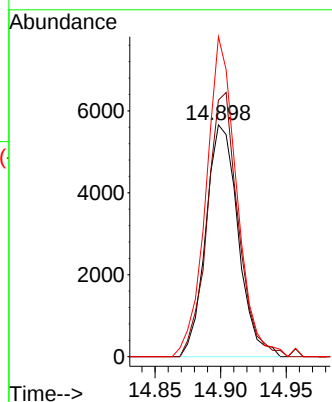
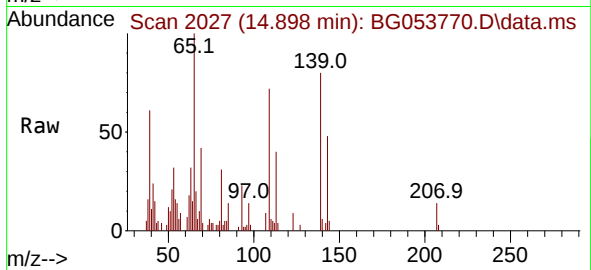




#55
4-Nitrophenol
Concen: 19.556 ng/ul
RT: 14.898 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

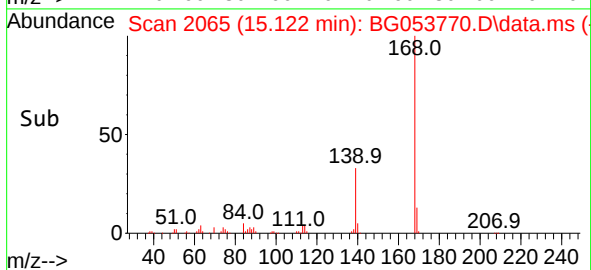
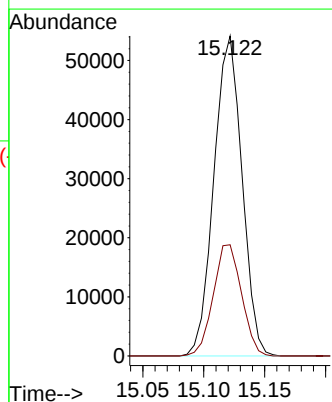
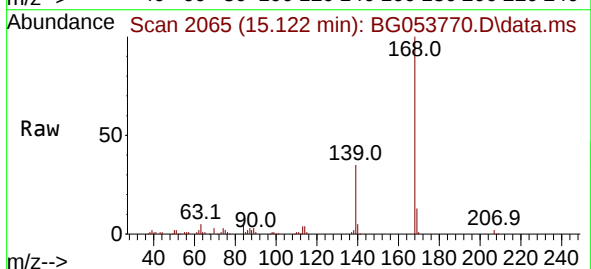
Instrument :
BNA_G
ClientSampleId :
SICV427

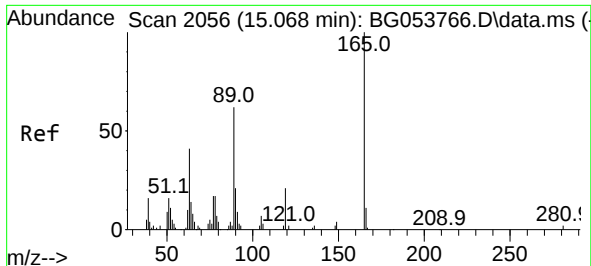
Tgt Ion	Ratio	Lower	Upper
109	100		
139	110.7	92.9	139.3
65	138.0	97.8	146.6



#56
Dibenzofuran
Concen: 19.780 ng/ul
RT: 15.122 min Scan# 2065
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	28.2	42.2





#57

2,4-Dinitrotoluene

Concen: 21.663 ng/ul

RT: 15.063 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

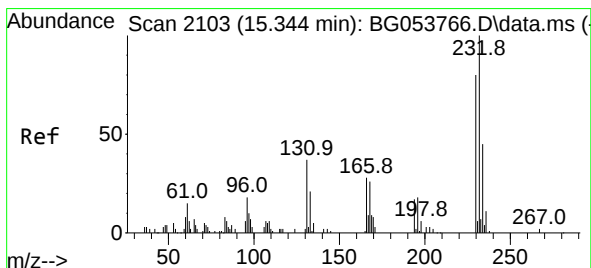
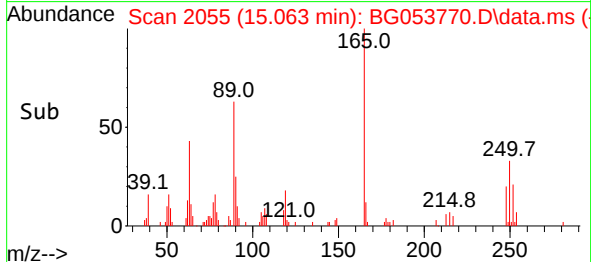
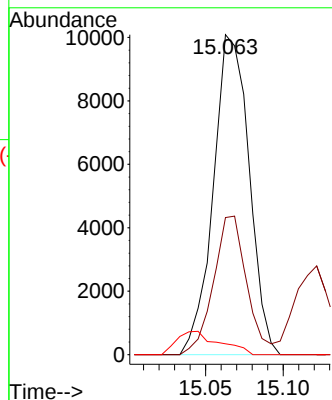
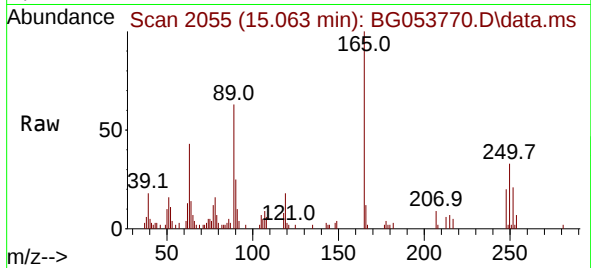
Instrument :

BNA_G

ClientSampleId :

SICV427

Tgt Ion:165	Resp:	16155
Ion Ratio	Lower	Upper
165	100	
63	42.8	33.0 49.4
182	3.4	2.8 4.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.439 ng/ul

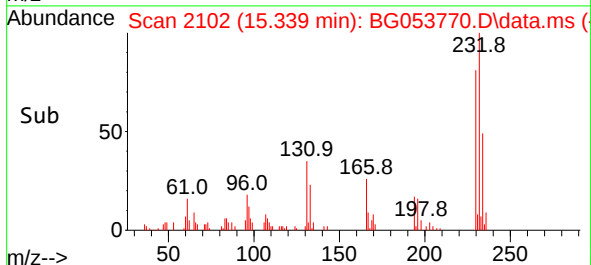
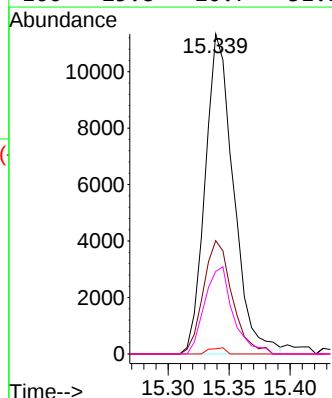
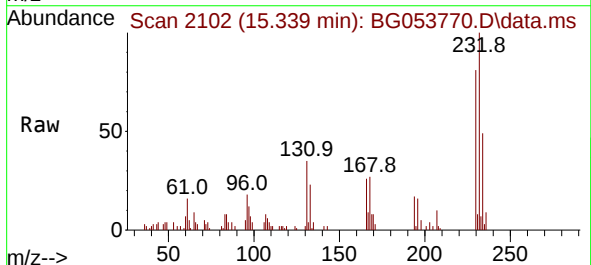
RT: 15.339 min Scan# 2102

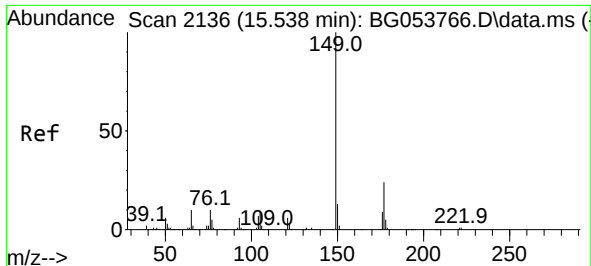
Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Tgt Ion:232	Resp:	18360
Ion Ratio	Lower	Upper
232	100	
131	35.4	27.5 41.3
130	1.6	1.8 2.8#
166	25.8	20.7 31.1

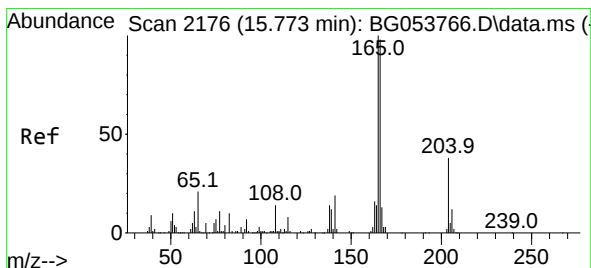
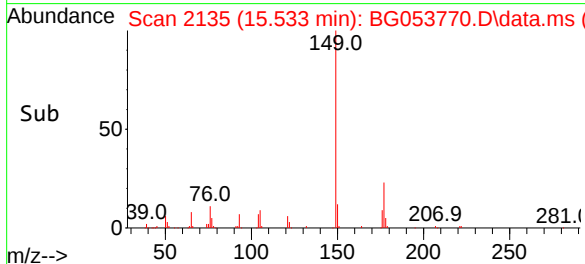
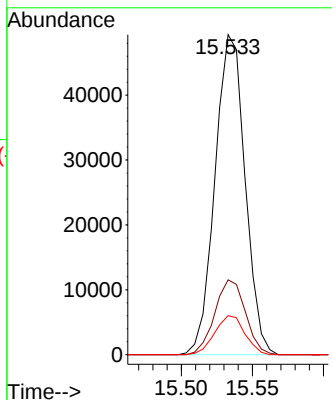
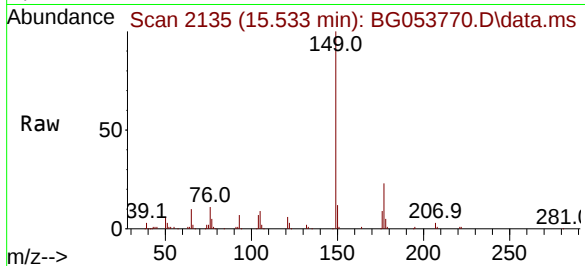




#59
Diethylphthalate
Concen: 19.146 ng/ul
RT: 15.533 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

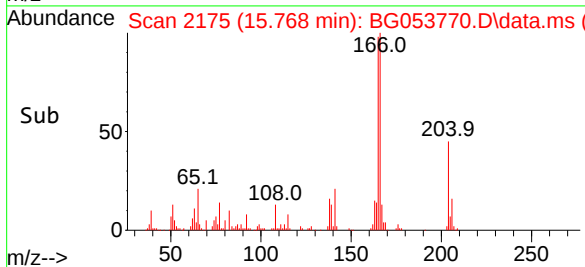
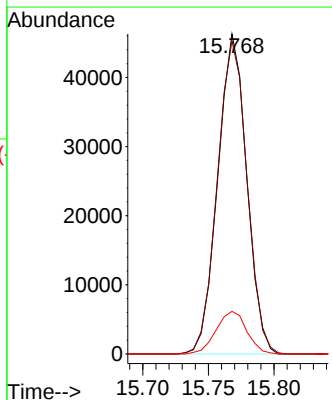
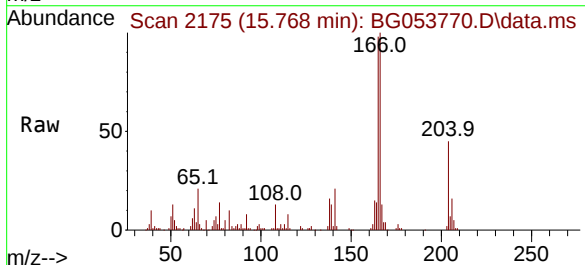
Instrument :
BNA_G
ClientSampleId :
SICV427

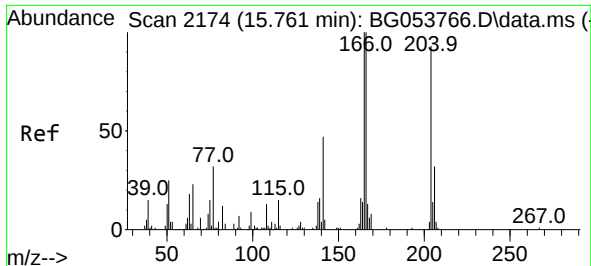
Tgt Ion:149 Resp: 72478
Ion Ratio Lower Upper
149 100
177 23.4 18.9 28.3
150 12.2 10.6 15.8



#61
Fluorene
Concen: 19.668 ng/ul
RT: 15.768 min Scan# 2175
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:166 Resp: 70824
Ion Ratio Lower Upper
166 100
165 97.9 81.7 122.5
167 13.3 11.0 16.4

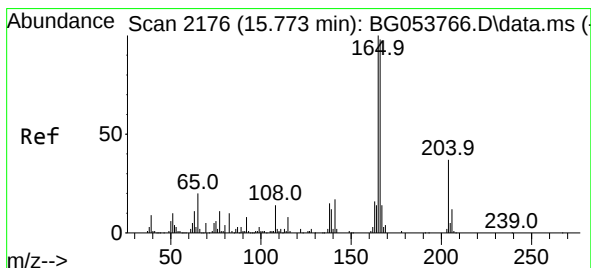
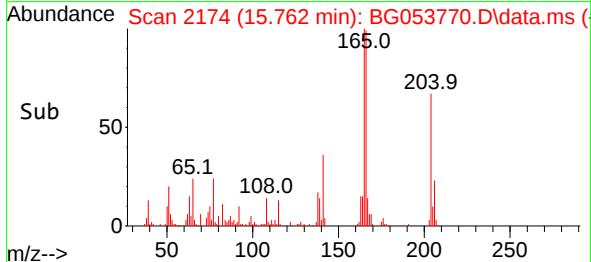
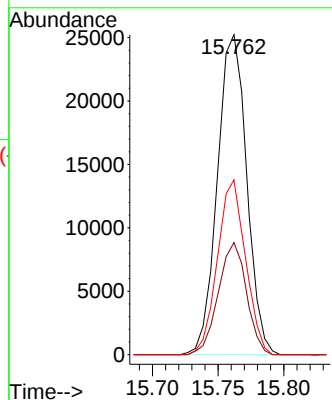
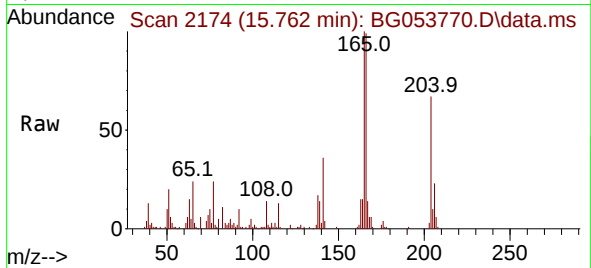




#62
4-Chlorophenyl-phenylether
Concen: 19.408 ng/ul
RT: 15.762 min Scan# 2174
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

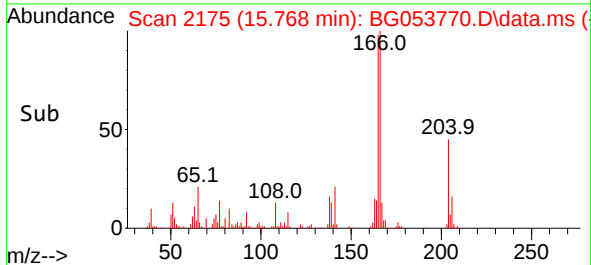
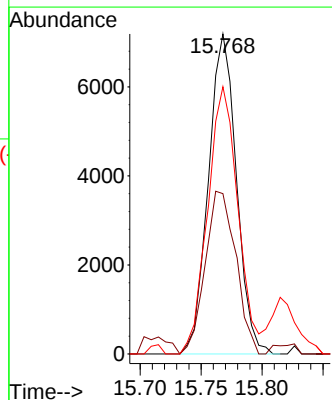
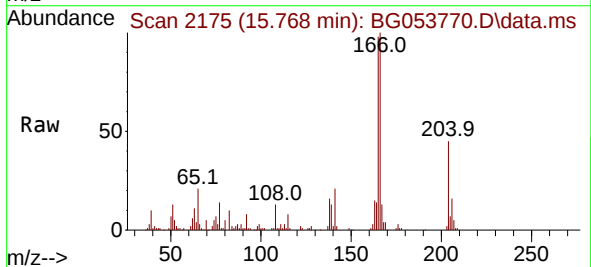
Instrument :
BNA_G
ClientSampleId :
SICV427

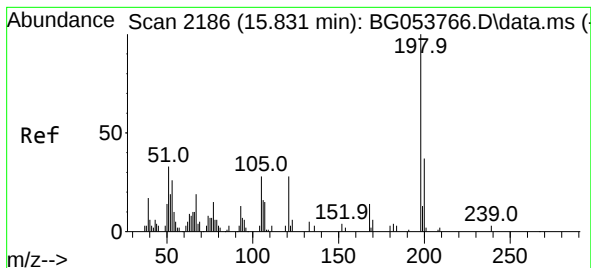
Tgt Ion:204 Resp: 39208
Ion Ratio Lower Upper
204 100
206 35.1 27.1 40.7
141 54.6 40.7 61.1



#63
4-Nitroaniline
Concen: 23.306 ng/ul
RT: 15.768 min Scan# 2175
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:138 Resp: 11501
Ion Ratio Lower Upper
138 100
92 50.1 42.0 63.0
108 83.5 79.0 118.6

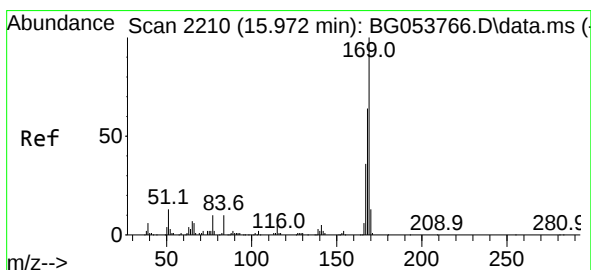
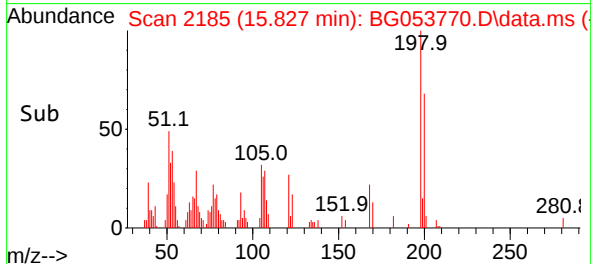
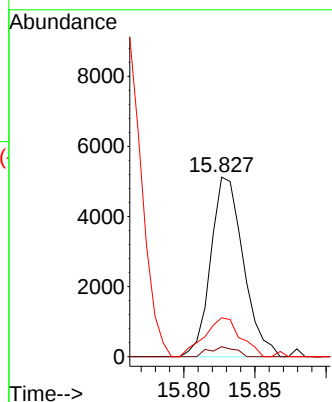
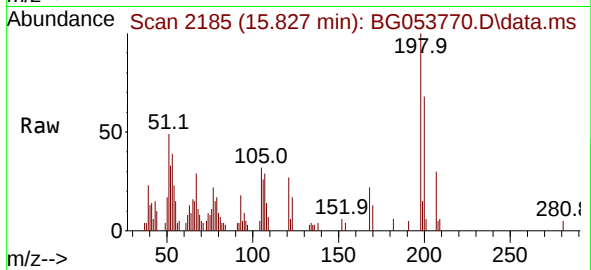




#66
4,6-Dinitro-2-methylphenol
Concen: 17.804 ng/ul
RT: 15.827 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

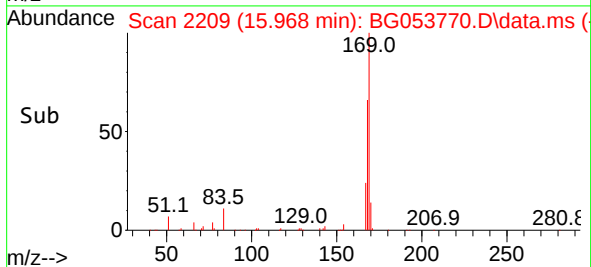
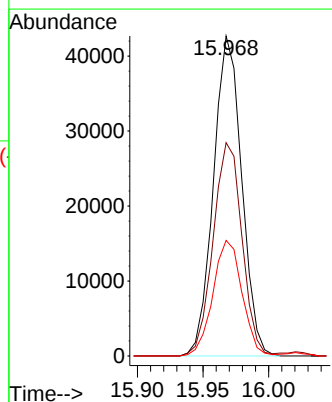
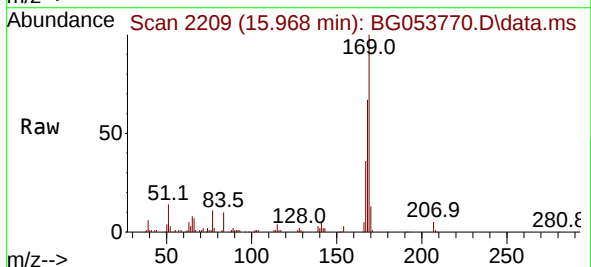
Instrument :
BNA_G
ClientSampleId :
SICV427

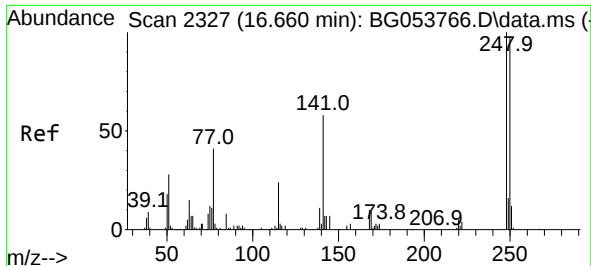
Tgt Ion:198 Resp: 8175
Ion Ratio Lower Upper
198 100
182 5.5 3.4 5.0#
77 21.6 14.7 22.1



#67
N-Nitrosodiphenylamine
Concen: 18.929 ng/ul
RT: 15.968 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:169 Resp: 63820
Ion Ratio Lower Upper
169 100
168 66.7 51.0 76.4
167 36.1 28.7 43.1

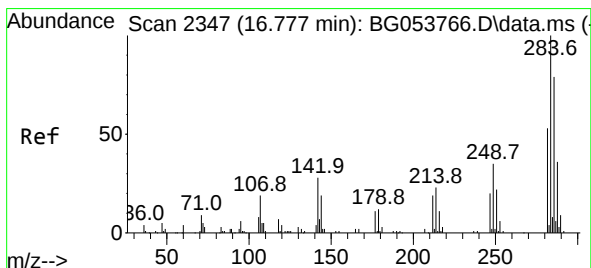
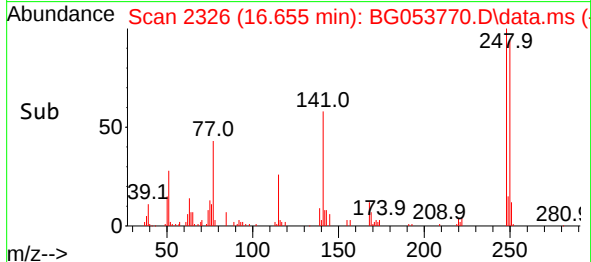
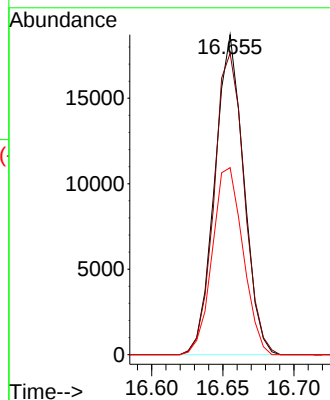
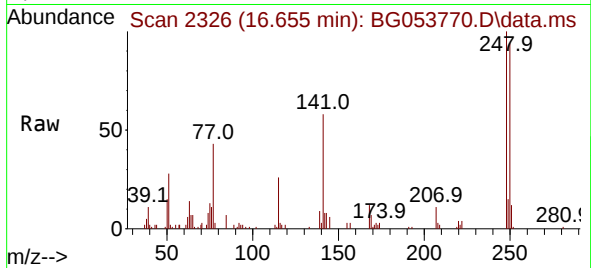




#68
4-Bromophenyl-phenylether
Concen: 19.365 ng/ul
RT: 16.655 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

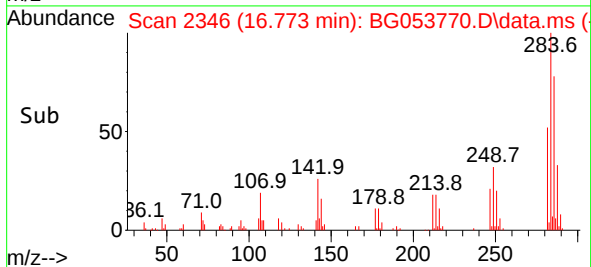
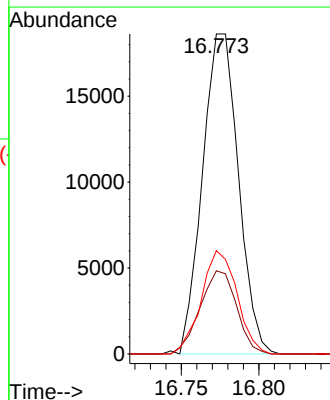
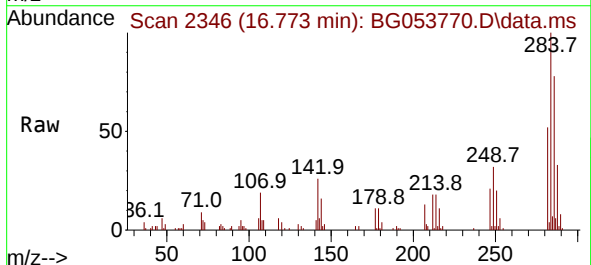
Instrument :
BNA_G
ClientSampleId :
SICV427

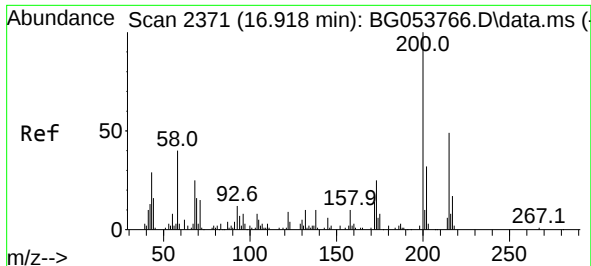
Tgt Ion:248 Resp: 26515
Ion Ratio Lower Upper
248 100
250 94.2 78.2 117.2
141 58.4 46.7 70.1



#69
Hexachlorobenzene
Concen: 20.302 ng/ul
RT: 16.773 min Scan# 2346
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:284 Resp: 30014
Ion Ratio Lower Upper
284 100
142 24.3 20.8 31.2
249 32.2 27.4 41.0

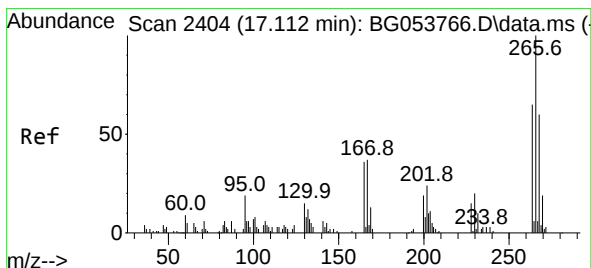
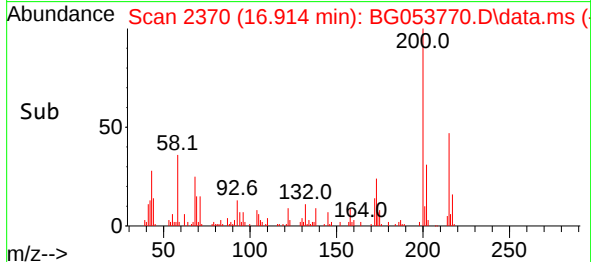
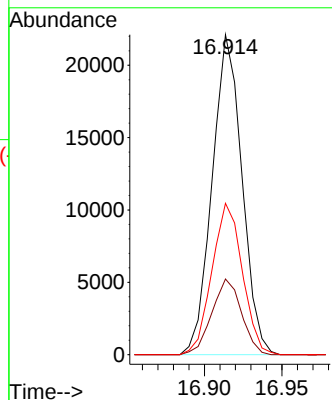
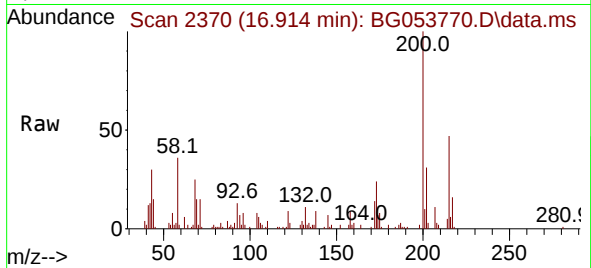




#70
Atrazine
Concen: 19.863 ng/ul
RT: 16.914 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

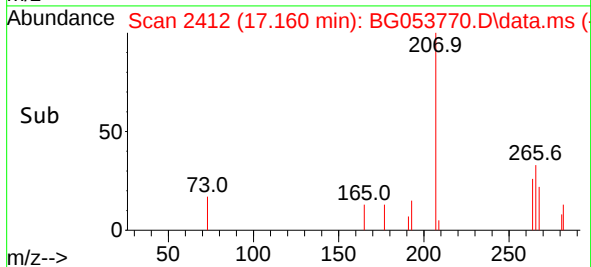
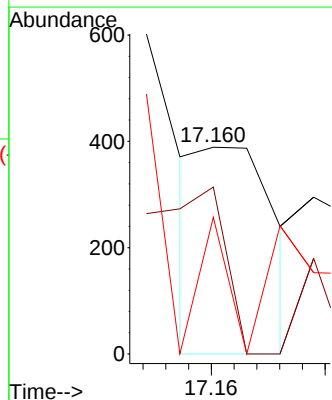
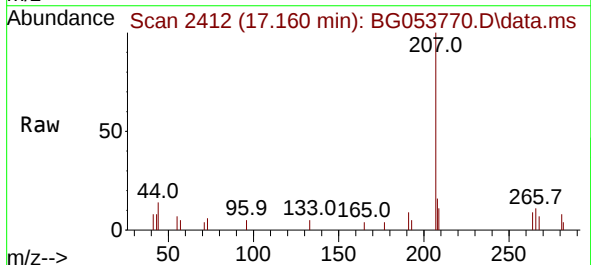
Instrument :
BNA_G
ClientSampleId :
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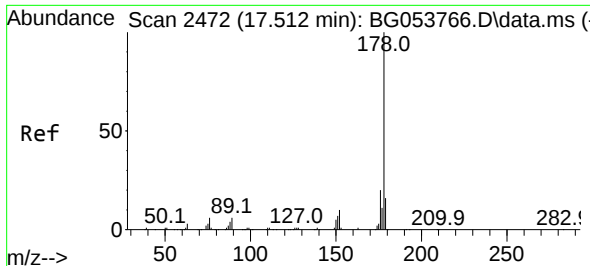
Tgt Ion:200 Resp: 29542
Ion Ratio Lower Upper
200 100
173 23.7 19.8 29.6
215 47.3 38.8 58.2



#71
Pentachlorophenol
Concen: 0.407 ng/ul
RT: 17.160 min Scan# 2412
Delta R.T. 0.048 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:266 Resp: 358
Ion Ratio Lower Upper
266 100
264 80.7 56.8 85.2
268 66.1 48.0 72.0

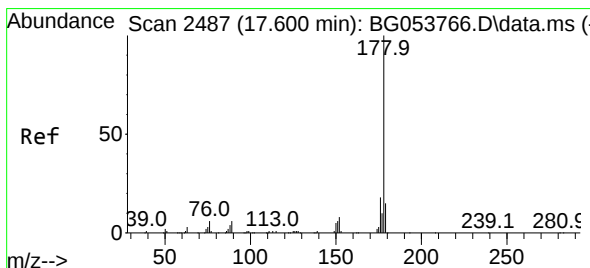
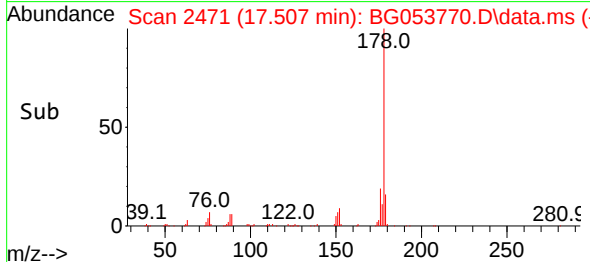
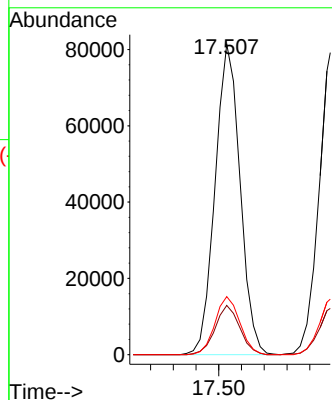
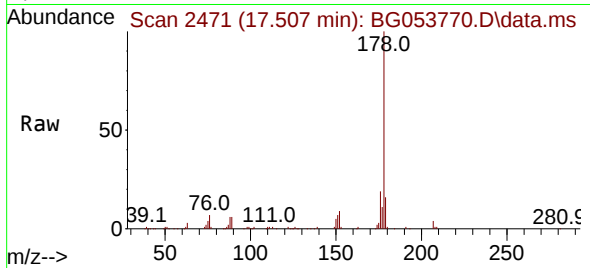




#72
Phenanthrene
Concen: 19.469 ng/ul
RT: 17.507 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

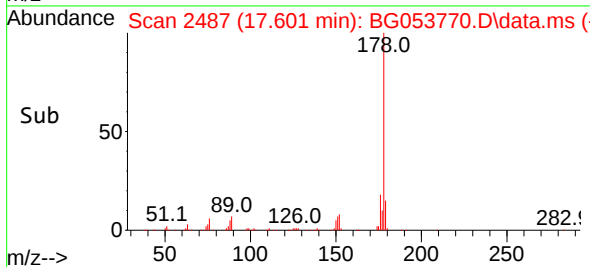
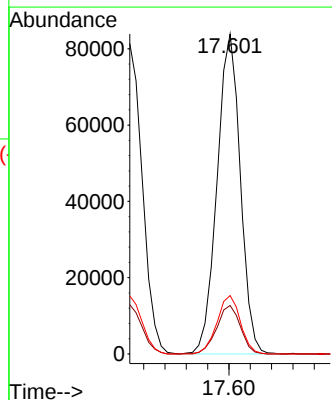
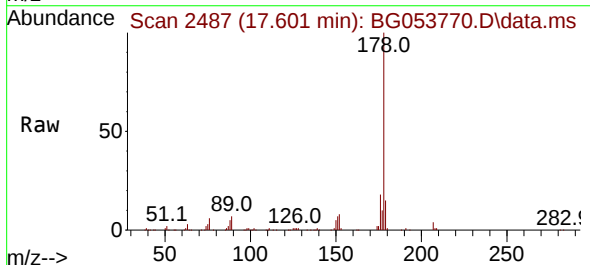
Instrument :
BNA_G
ClientSampleId :
SICV427

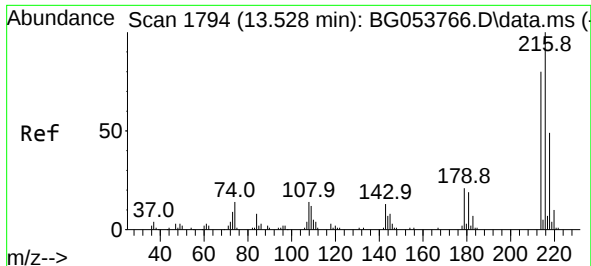
Tgt Ion:178 Resp: 124021
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 18.7 15.7 23.5



#74
Anthracene
Concen: 19.535 ng/ul
RT: 17.601 min Scan# 2487
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:178 Resp: 126983
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.3 14.6 22.0

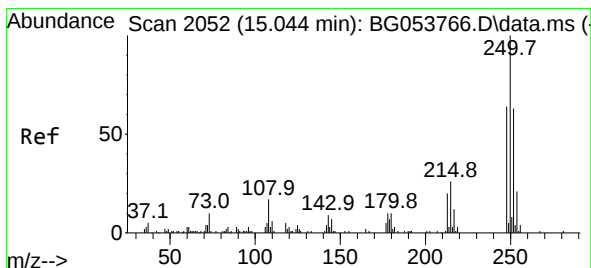
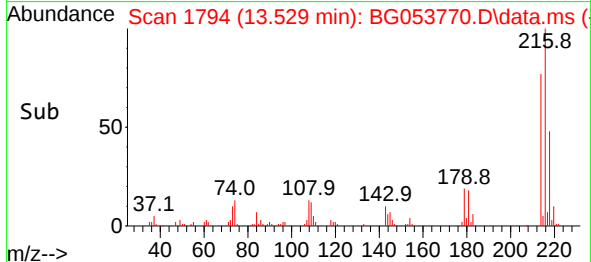
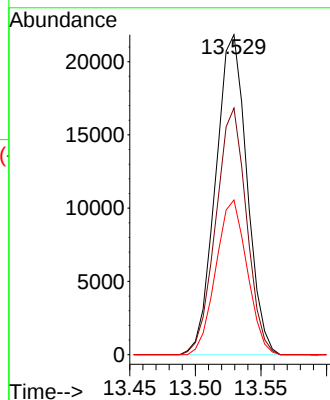
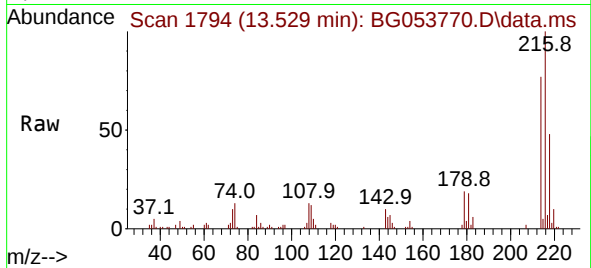




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.568 ng/uL
RT: 13.529 min Scan# 1794
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

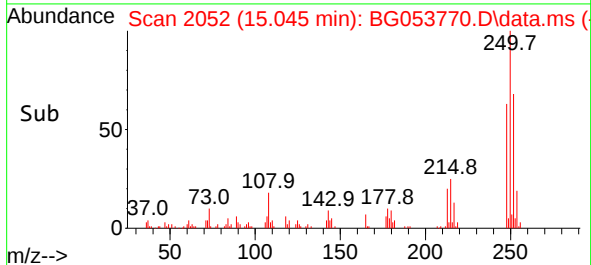
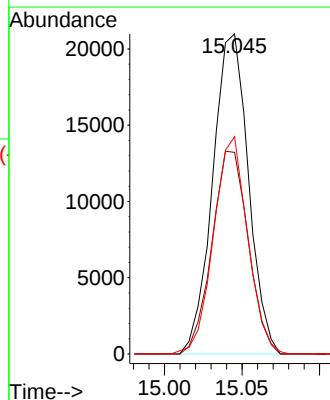
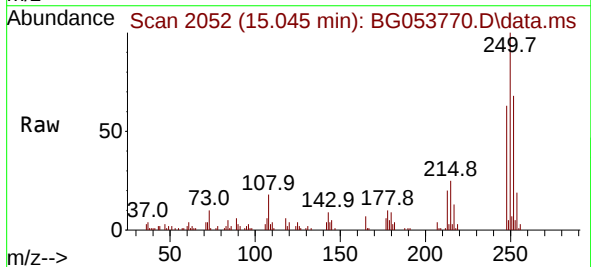
Instrument :
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ClientSampleId :
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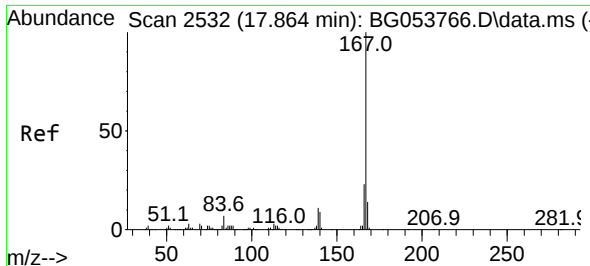
Tgt Ion:216 Resp: 36259
Ion Ratio Lower Upper
216 100
214 77.1 64.2 96.4
218 48.4 39.0 58.4



#76
Pentachlorobenzene
Concen: 19.131 ng/uL
RT: 15.045 min Scan# 2052
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:250 Resp: 33555
Ion Ratio Lower Upper
250 100
248 63.7 47.7 71.5
252 68.1 50.0 75.0

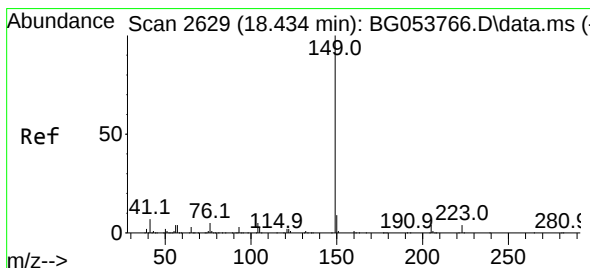
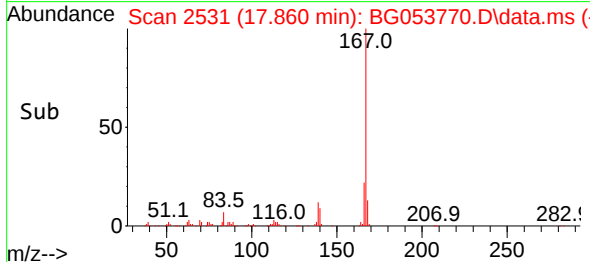
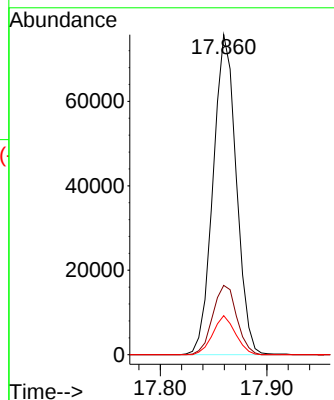
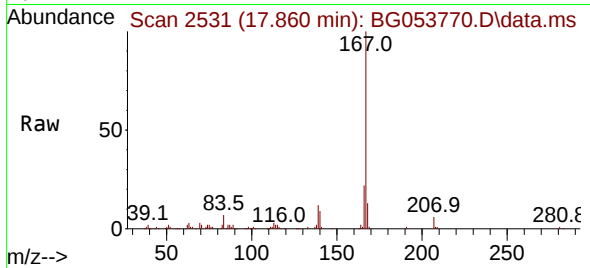




#77
 Carbazole
 Concen: 20.229 ng/ul
 RT: 17.860 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053770.D
 Acq: 31 May 2022 21:56

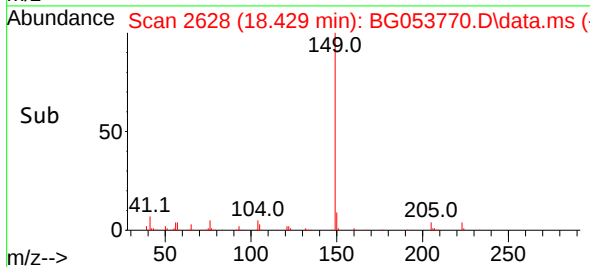
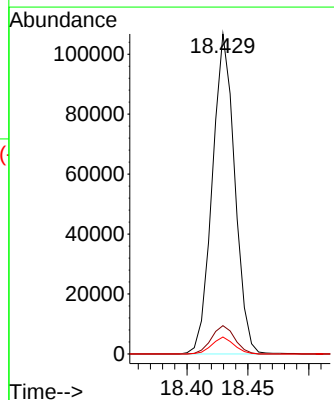
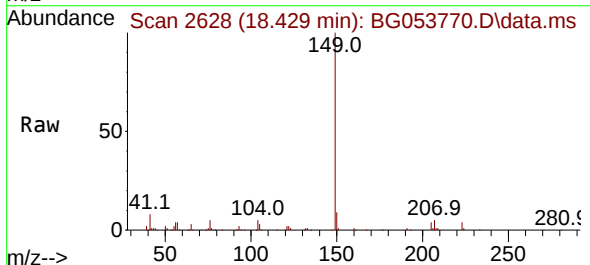
Instrument :
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 ClientSampleId :
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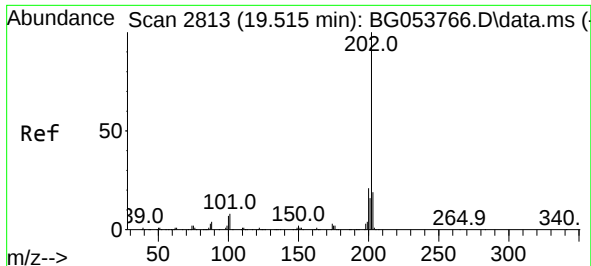
Tgt Ion:167 Resp: 114622
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 12.2 9.0 13.6



#78
 Di-n-butylphthalate
 Concen: 19.296 ng/ul
 RT: 18.429 min Scan# 2628
 Delta R.T. -0.005 min
 Lab File: BG053770.D
 Acq: 31 May 2022 21:56

Tgt Ion:149 Resp: 136705
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.3 4.2 6.2

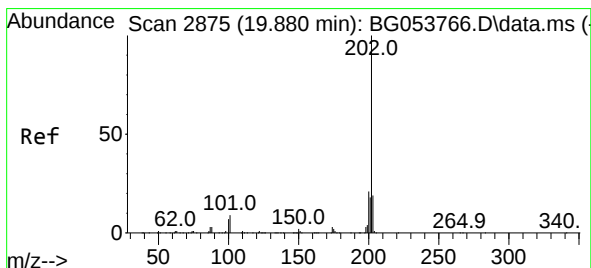
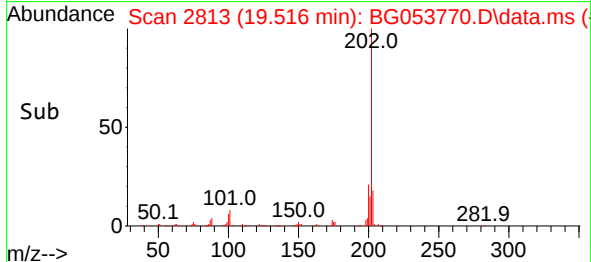
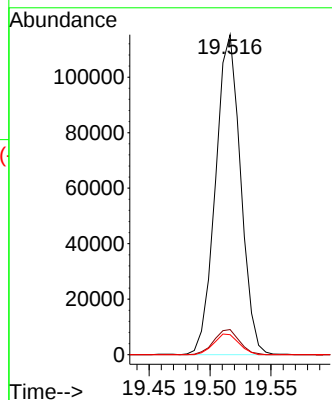
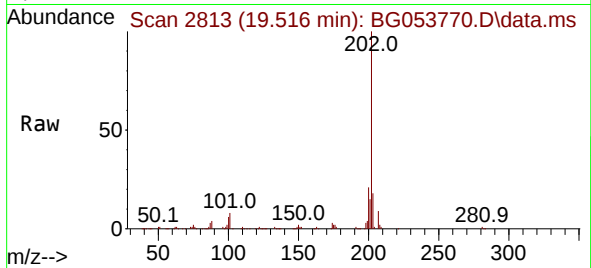




#80
Fluoranthene
Concen: 18.483 ng/ul
RT: 19.516 min Scan# 2813
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

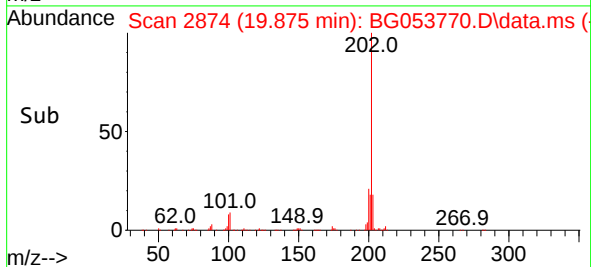
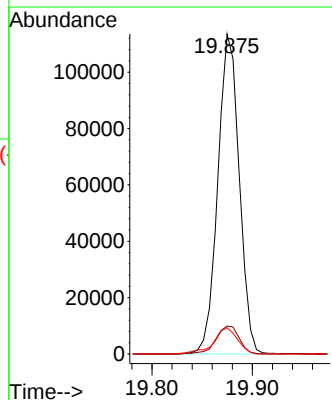
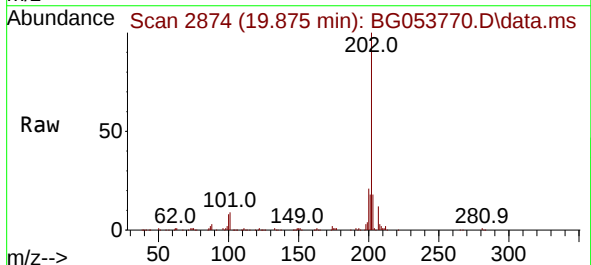
Instrument :
BNA_G
ClientSampleId :
SICV427

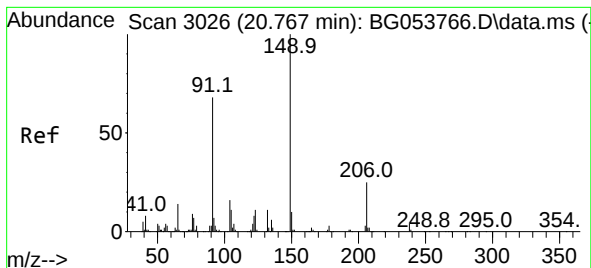
Tgt Ion:202 Resp: 165360
Ion Ratio Lower Upper
202 100
101 7.8 6.6 9.8
100 6.3 5.8 8.8



#82
Pyrene
Concen: 18.962 ng/ul
RT: 19.875 min Scan# 2874
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:202 Resp: 168156
Ion Ratio Lower Upper
202 100
101 8.7 7.3 10.9
100 8.2 6.2 9.4





#83

Butylbenzylphthalate

Concen: 19.285 ng/ul

RT: 20.768 min Scan# 3026

Delta R.T. 0.001 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Instrument :

BNA_G

ClientSampleId :

SICV427

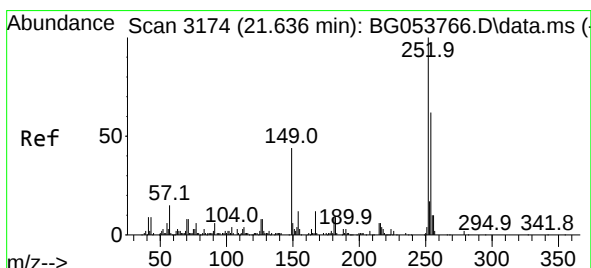
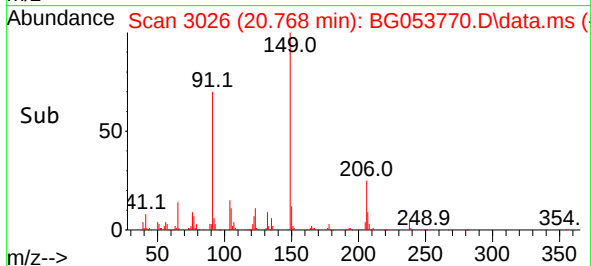
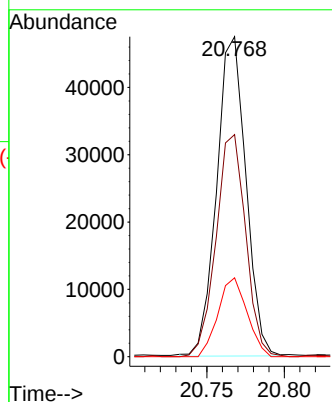
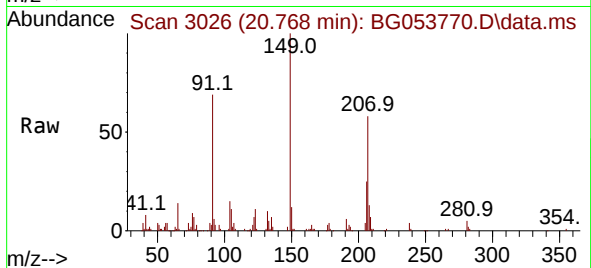
Tgt Ion:149 Resp: 62238

Ion Ratio Lower Upper

149 100

91 69.4 54.0 81.0

206 24.7 19.5 29.3



#84

3,3'-Dichlorobenzidine

Concen: 21.105 ng/ul

RT: 21.637 min Scan# 3174

Delta R.T. 0.001 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

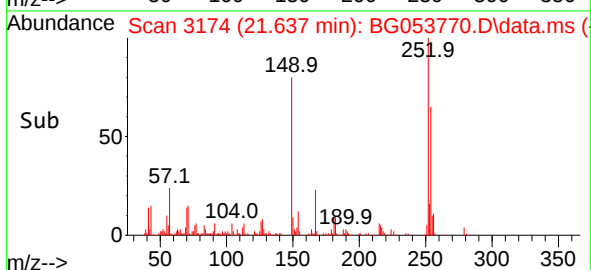
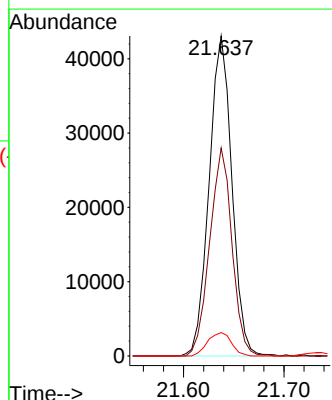
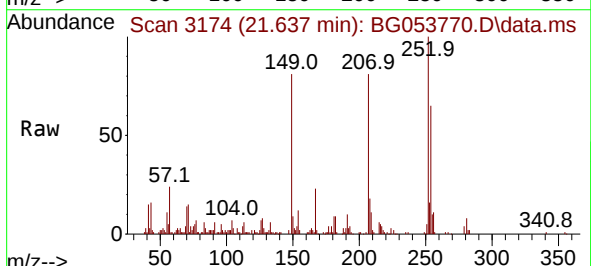
Tgt Ion:252 Resp: 67903

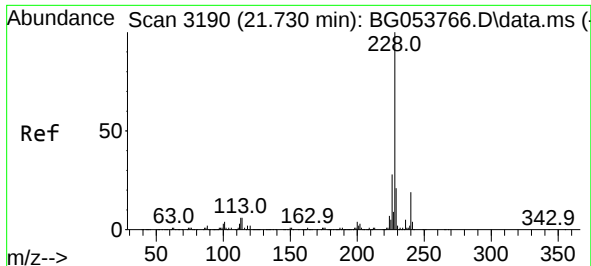
Ion Ratio Lower Upper

252 100

254 65.0 49.6 74.4

126 7.3 6.0 9.0

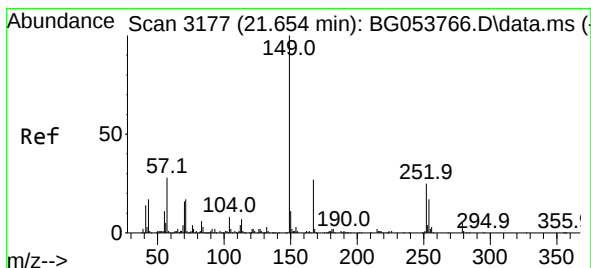
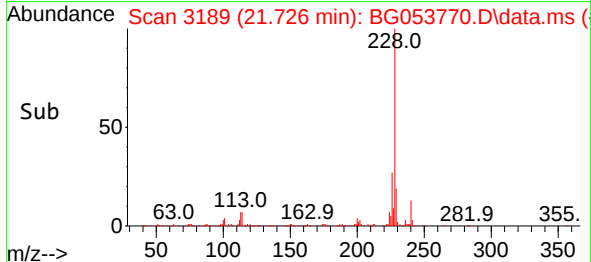
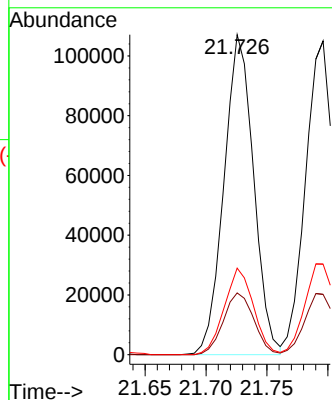
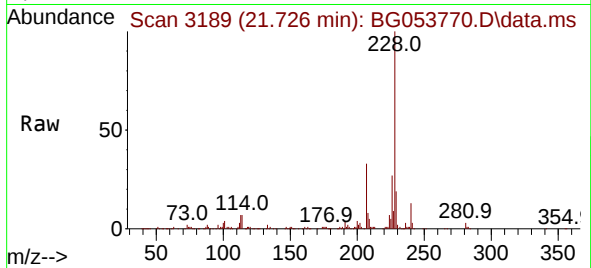




#85
Benzo(a)anthracene
Concen: 19.836 ng/ul
RT: 21.726 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

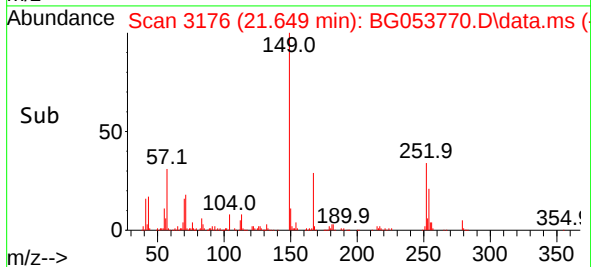
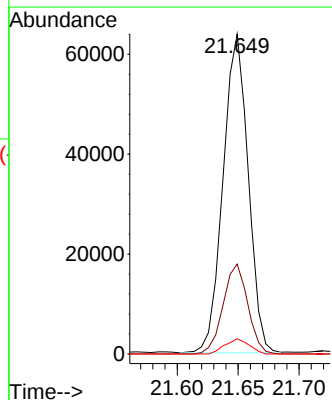
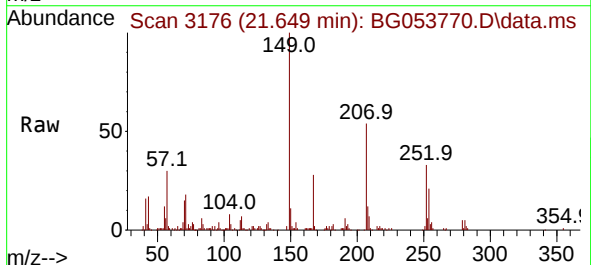
Instrument :
BNA_G
ClientSampleId :
SICV427

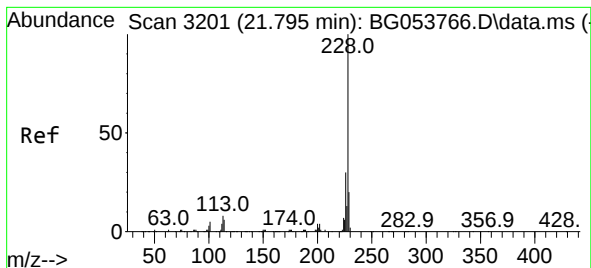
Tgt Ion:228 Resp: 181368
Ion Ratio Lower Upper
228 100
229 19.3 16.5 24.7
226 27.1 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 19.316 ng/ul
RT: 21.649 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:149 Resp: 91544
Ion Ratio Lower Upper
149 100
167 28.1 21.7 32.5
279 4.8 3.9 5.9





#87

Chrysene

Concen: 19.812 ng/ul

RT: 21.796 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Instrument :

BNA_G

ClientSampleId :

SICV427

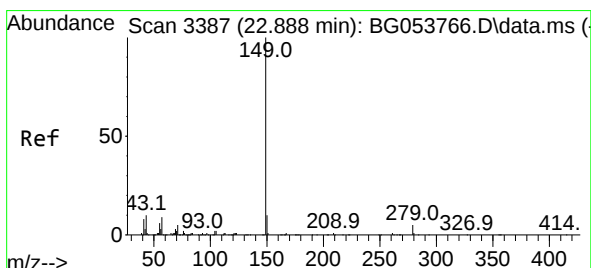
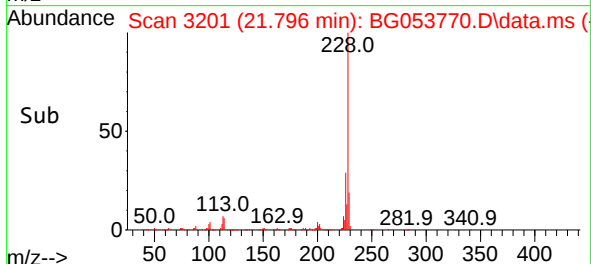
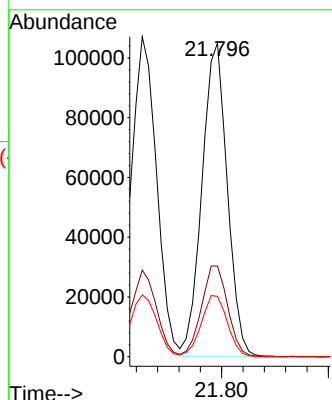
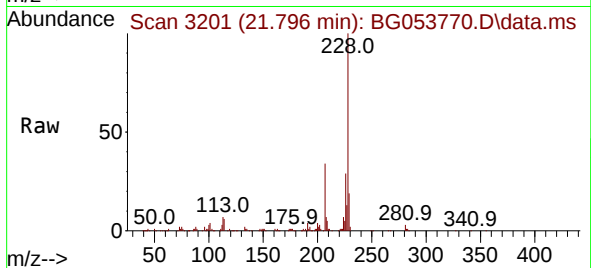
Tgt Ion:228 Resp: 173147

Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.4

229 19.2 16.3 24.5



#89

Di-n-octyl phthalate

Concen: 19.467 ng/ul

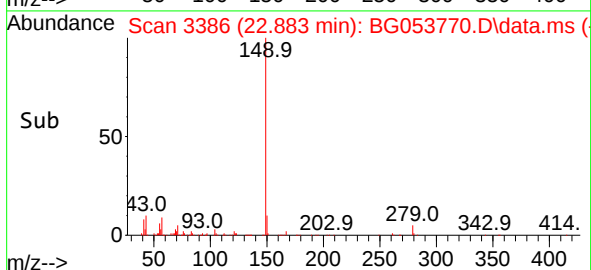
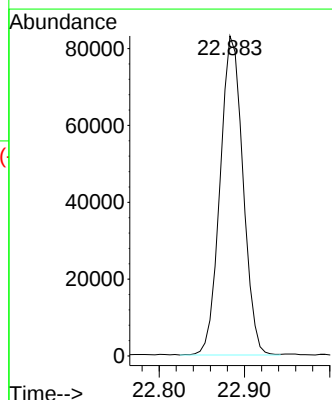
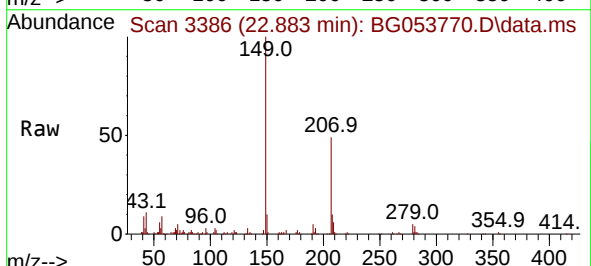
RT: 22.883 min Scan# 3386

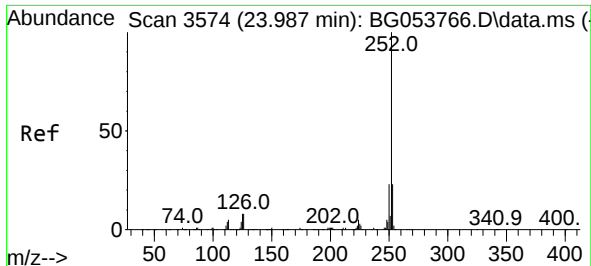
Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Tgt Ion:149 Resp: 155028

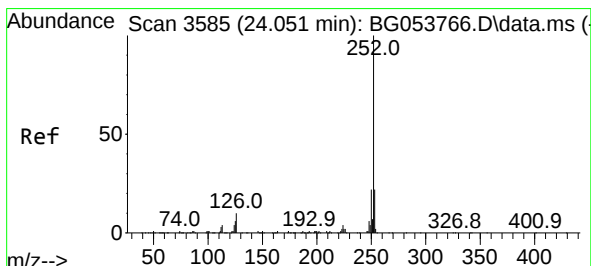
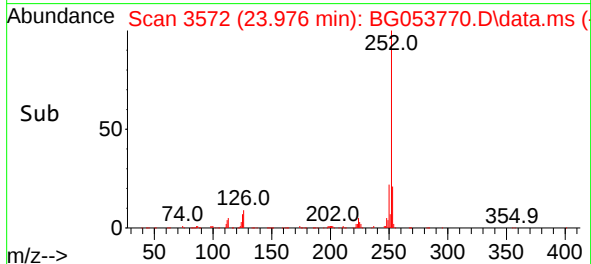
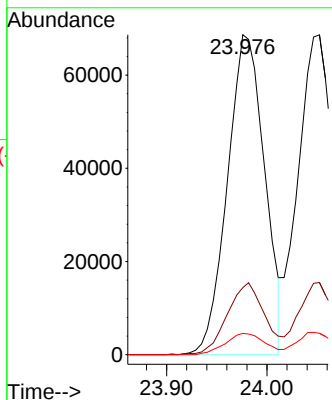
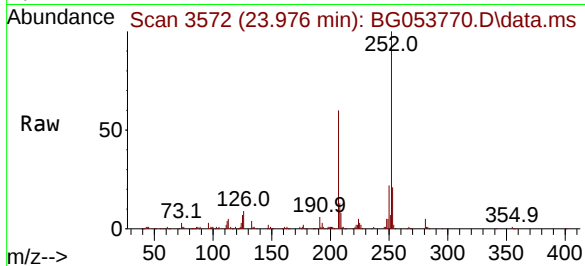




#90
Benzo(b)fluoranthene
Concen: 19.227 ng/ul
RT: 23.976 min Scan# 3572
Delta R.T. -0.011 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

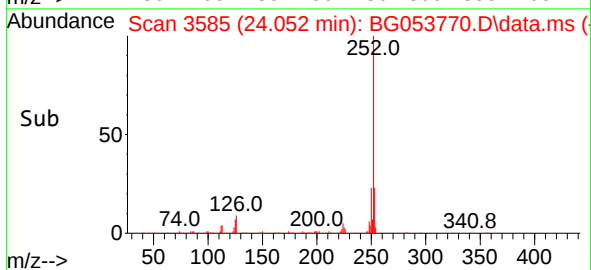
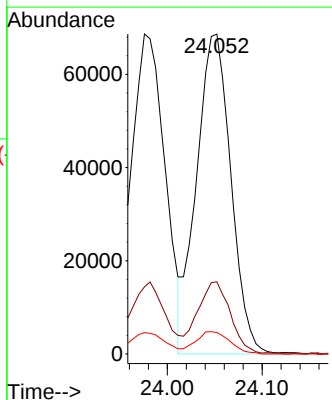
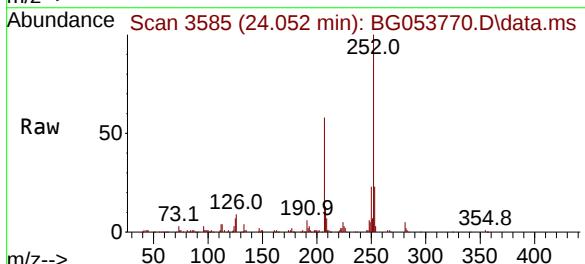
Instrument :
BNA_G
ClientSampleId :
SICV427

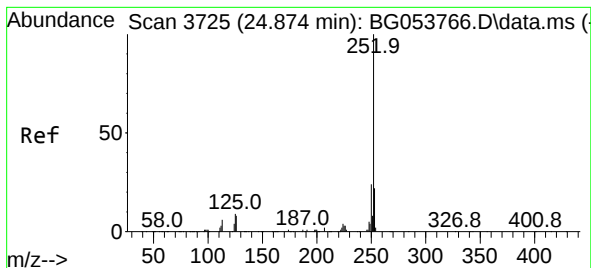
Tgt Ion:252 Resp: 176554
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.4
125 6.6 6.1 9.1



#91
Benzo(k)fluoranthene
Concen: 19.818 ng/ul
RT: 24.052 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BG053770.D
Acq: 31 May 2022 21:56

Tgt Ion:252 Resp: 173321
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 6.7 5.4 8.0





#93

Benzo(a)pyrene

Concen: 19.533 ng/u1

RT: 24.869 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

Instrument :

BNA_G

ClientSampleId :

SICV427

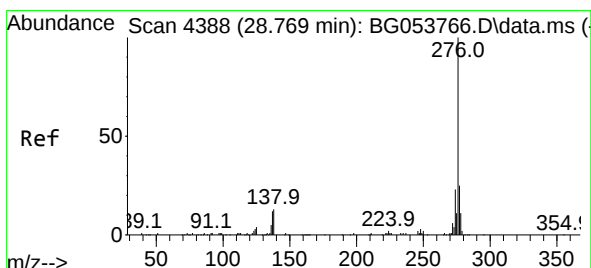
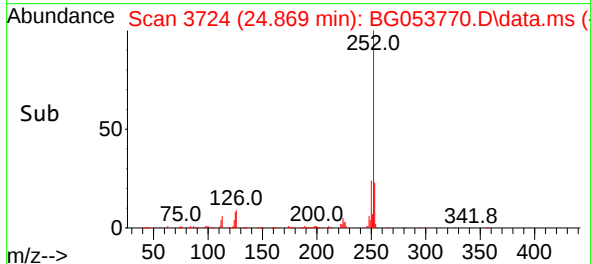
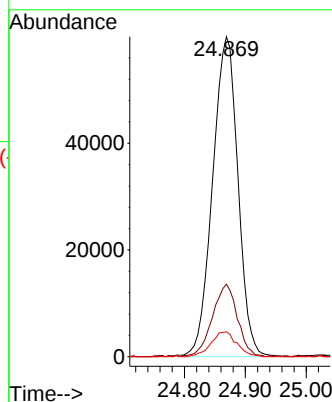
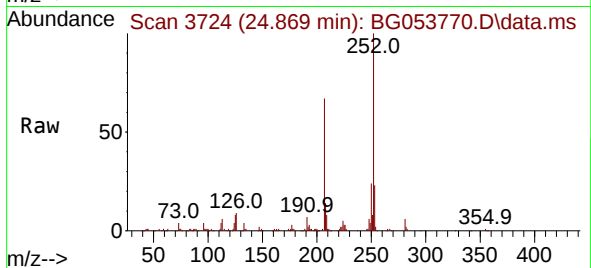
Tgt Ion:252 Resp: 173234

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 7.8 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.693 ng/u1

RT: 28.753 min Scan# 4385

Delta R.T. -0.017 min

Lab File: BG053770.D

Acq: 31 May 2022 21:56

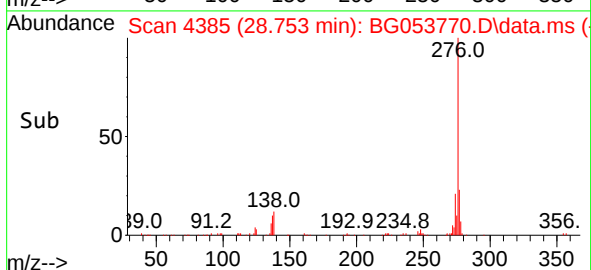
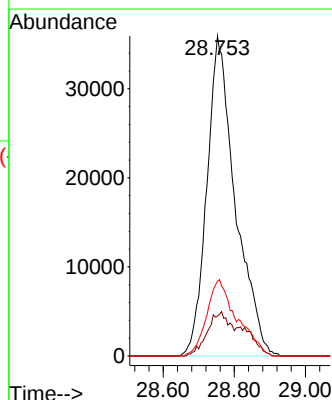
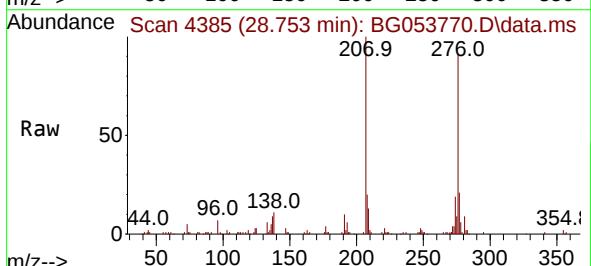
Tgt Ion:276 Resp: 200334

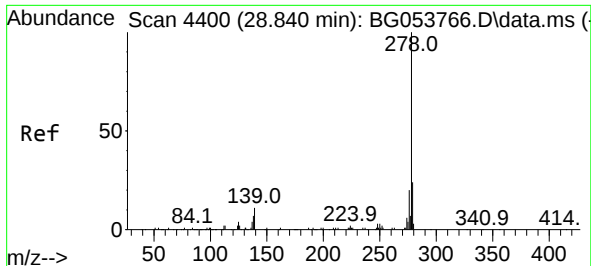
Ion Ratio Lower Upper

276 100

138 12.5 10.1 15.1

277 23.4 19.9 29.9

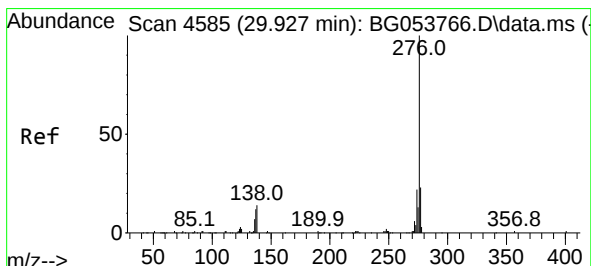
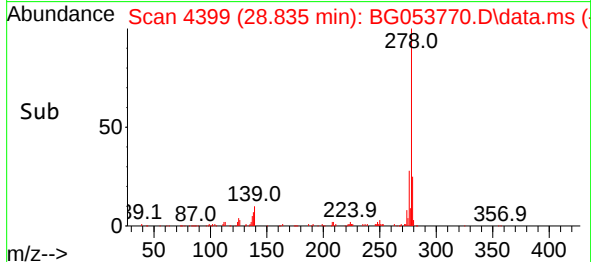
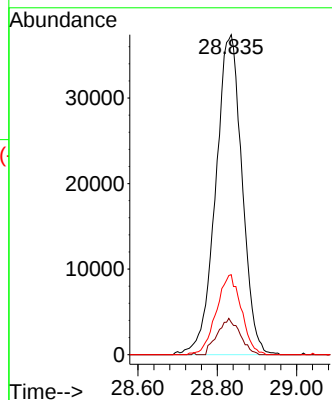
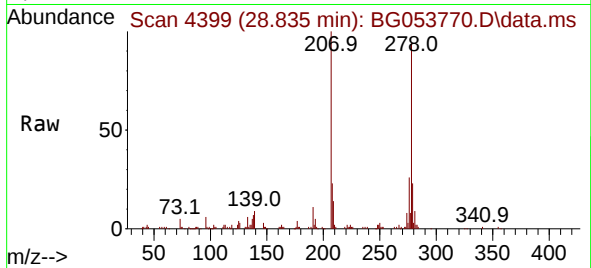




#95
 Dibenzo(a,h)anthracene
 Concen: 19.740 ng/ul
 RT: 28.835 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: BG053770.D
 Acq: 31 May 2022 21:56

Instrument :
 BNA_G
 ClientSampleId :
 SICV427

Tgt Ion:278 Resp: 172432
 Ion Ratio Lower Upper
 278 100
 139 10.1 8.6 13.0
 279 25.0 19.4 29.0



#96
 Benzo(g,h,i)perylene
 Concen: 19.558 ng/ul
 RT: 29.922 min Scan# 4584
 Delta R.T. -0.005 min
 Lab File: BG053770.D
 Acq: 31 May 2022 21:56

Tgt Ion:276 Resp: 167813
 Ion Ratio Lower Upper
 276 100
 138 15.1 11.3 16.9
 277 23.2 18.6 27.8

