

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058665.D
 Acq On : 9 Aug 2023 19:21
 Operator : MA/JU
 Sample : 03939-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MSD

Quant Time: Aug 10 02:55:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	40792	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	184012	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	135318	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	332474	20.000	ng	0.00
76) Chrysene-d12	21.448	240	287504	20.000	ng	0.00
86) Perylene-d12	24.515	264	365544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	323315	121.145	ng	0.00
7) Phenol-d6	6.989	99	453285	122.059	ng	0.00
23) Nitrobenzene-d5	8.975	82	267068	71.299	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	234061	105.530	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	583284	64.596	ng	0.00
79) Terphenyl-d14	19.821	244	1048661	68.592	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	55131	42.630	ng	98
3) Pyridine	3.663	79	138906	39.397	ng	95
4) n-Nitrosodimethylamine	3.581	42	73008	48.871	ng	94
6) Aniline	7.136	93	121025	26.470	ng	99
8) 2-Chlorophenol	7.377	128	154924	59.172	ng	97
9) Benzaldehyde	6.954	77	77720	38.521	ng	98
10) Phenol	7.012	94	217677	60.005	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	145819	50.987	ng	95
12) 1,3-Dichlorobenzene	7.700	146	146308	52.332	ng	98
13) 1,4-Dichlorobenzene	7.847	146	147817	52.657	ng	96
14) 1,2-Dichlorobenzene	8.164	146	146423	54.556	ng	97
15) Benzyl Alcohol	8.052	79	150679	63.980	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	259954	55.957	ng	97
17) 2-Methylphenol	8.264	107	145420	54.825	ng	99
18) Hexachloroethane	8.887	117	53505	52.439	ng	97
19) n-Nitroso-di-n-propyla...	8.616	70	125980	52.519	ng	97
20) 3+4-Methylphenols	8.593	107	206976	57.688	ng	98
22) Acetophenone	8.634	105	243000	49.319	ng	# 98
24) Nitrobenzene	9.022	77	185094	48.606	ng	98
25) Isophorone	9.539	82	369040	47.683	ng	99
26) 2-Nitrophenol	9.733	139	84416	50.925	ng	97
27) 2,4-Dimethylphenol	9.791	122	144080	52.401	ng	100
28) bis(2-Chloroethoxy)met...	10.021	93	216301	51.355	ng	99
29) 2,4-Dichlorophenol	10.267	162	159583	55.898	ng	98
30) 1,2,4-Trichlorobenzene	10.479	180	166042	50.432	ng	99
31) Naphthalene	10.661	128	468843	48.342	ng	99
32) Benzoic acid	9.968	122	100388	47.842	ng	98
33) 4-Chloroaniline	10.784	127	65484	15.981	ng	97
34) Hexachlorobutadiene	10.943	225	100932	47.603	ng	98
35) Caprolactam	11.619	113	14096	13.371	ng	94
36) 4-Chloro-3-methylphenol	11.912	107	197514	55.928	ng	97
37) 2-Methylnaphthalene	12.277	142	328355	47.331	ng	99
38) 1-Methylnaphthalene	12.500	142	322685	48.931	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	196930	47.403	ng	99
41) Hexachlorocyclopentadiene	12.623	237	162419	83.817	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	145453	50.903	ng	99

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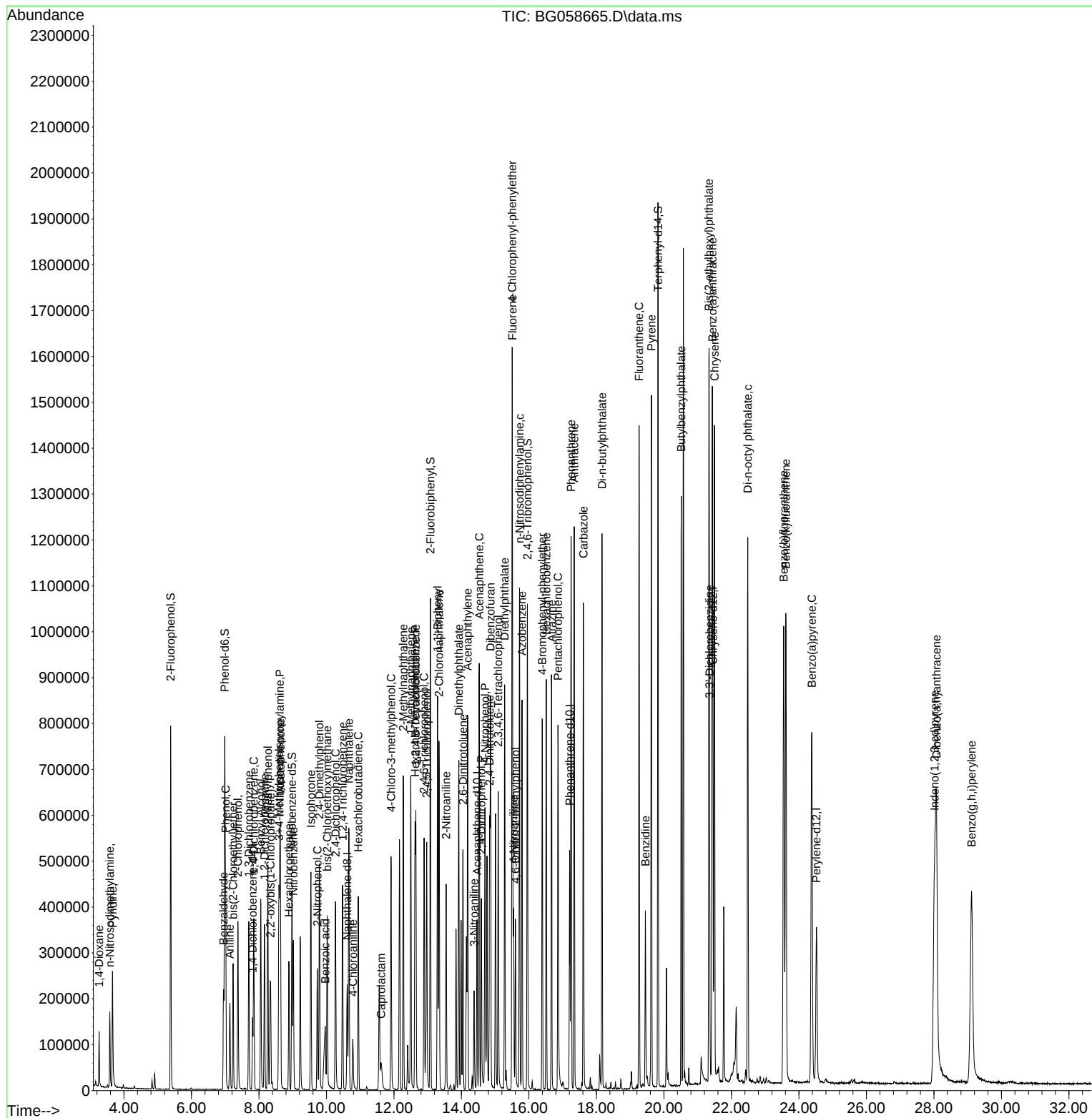
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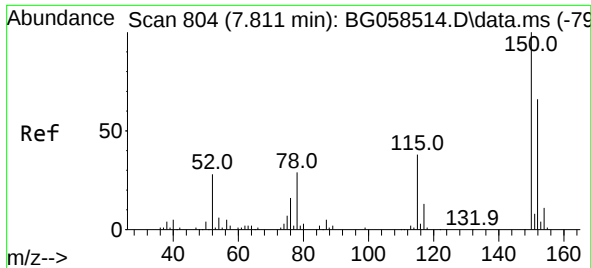
Quant Time: Aug 10 02:55:06 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	158372	47.055	ng	99
46) 1,1'-Biphenyl	13.293	154	450780	48.507	ng	99
47) 2-Chloronaphthalene	13.334	162	358532	49.481	ng	98
48) 2-Nitroaniline	13.546	65	143176	51.769	ng	99
49) Acenaphthylene	14.180	152	595380	49.079	ng	99
50) Dimethylphthalate	13.922	163	489584	48.174	ng	99
51) 2,6-Dinitrotoluene	14.045	165	111643	50.067	ng	98
52) Acenaphthene	14.527	154	339451	48.427	ng	98
53) 3-Nitroaniline	14.374	138	54130	24.263	ng	94
54) 2,4-Dinitrophenol	14.586	184	98771	78.708	ng	99
55) Dibenzofuran	14.862	168	579749	48.133	ng	100
56) 4-Nitrophenol	14.697	139	166195	99.679	ng	97
57) 2,4-Dinitrotoluene	14.833	165	158345	51.220	ng	94
58) Fluorene	15.508	166	467050	48.812	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	143655	50.020	ng	99
60) Diethylphthalate	15.279	149	498225	48.122	ng	99
61) 4-Chlorophenyl-phenylether	15.502	204	257587	48.287	ng	98
62) 4-Nitroaniline	15.544	138	107629	50.927	ng	99
63) Azobenzene	15.796	77	494495	48.491	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	90402	49.313	ng	97
66) n-Nitrosodiphenylamine	15.720	169	414426	47.892	ng	100
67) 4-Bromophenyl-phenylether	16.395	248	178519	47.340	ng	96
68) Hexachlorobenzene	16.513	284	203294	50.875	ng	99
69) Atrazine	16.672	200	169850	58.144	ng	99
70) Pentachlorophenol	16.860	266	185062	76.515	ng	98
71) Phenanthrene	17.247	178	759087	48.143	ng	100
72) Anthracene	17.341	178	771096	47.662	ng	99
73) Carbazole	17.612	167	718760	50.380	ng	99
74) Di-n-butylphthalate	18.164	149	878652	49.170	ng	100
75) Fluoranthene	19.263	202	908660	47.976	ng	99
77) Benzidine	19.451	184	257331	59.025	ng	98
78) Pyrene	19.627	202	936579	47.867	ng	99
80) Butylbenzylphthalate	20.514	149	389888	48.512	ng	100
81) Benzo(a)anthracene	21.431	228	962517	48.647	ng	100
82) 3,3'-Dichlorobenzidine	21.348	252	195095	29.163	ng	98
83) Chrysene	21.495	228	898376	47.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	577235	49.148	ng	99
85) Di-n-octyl phthalate	22.482	149	1008249	48.829	ng	99
87) Indeno(1,2,3-cd)pyrene	28.017	276	1183232	48.656	ng	# 81
88) Benzo(b)fluoranthene	23.546	252	1027585	51.829	ng	99
89) Benzo(k)fluoranthene	23.611	252	969620	48.682	ng	99
90) Benzo(a)pyrene	24.380	252	918609	47.179	ng	99
91) Dibenzo(a,h)anthracene	28.076	278	980471	48.760	ng	99
92) Benzo(g,h,i)perylene	29.110	276	944326	46.834	ng	97

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

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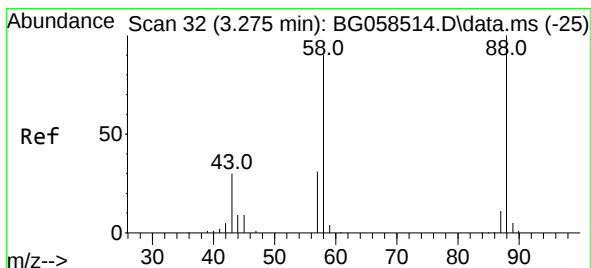
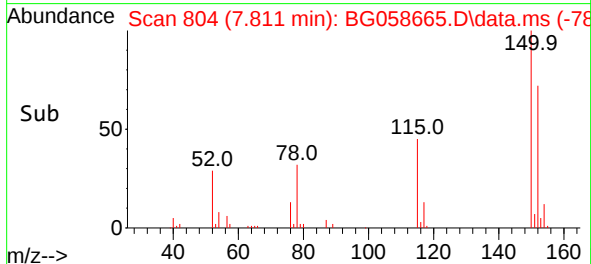
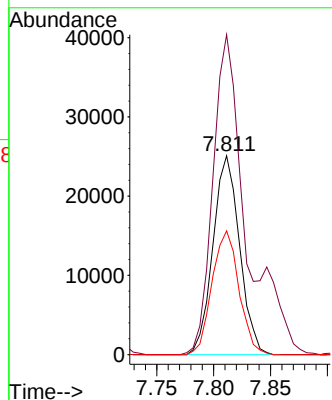
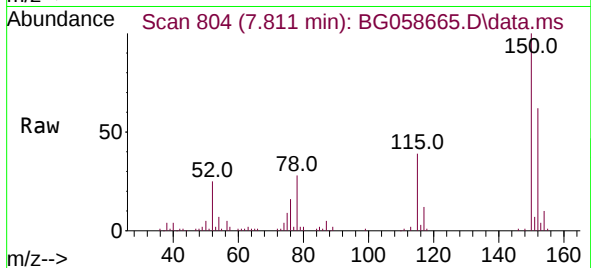




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

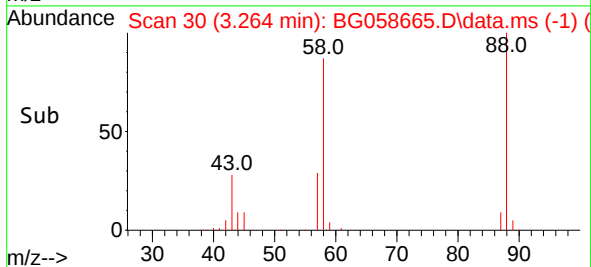
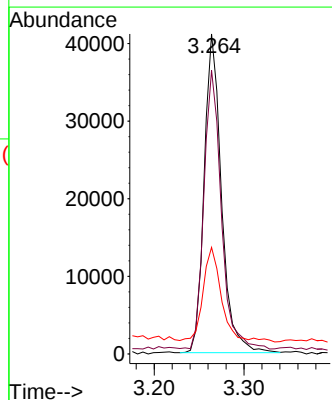
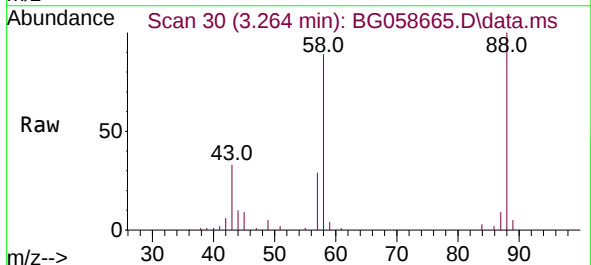
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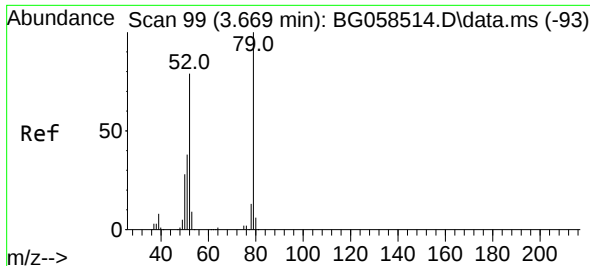
Tgt Ion:152 Resp: 40792
Ion Ratio Lower Upper
152 100
150 160.9 120.5 180.7
115 62.3 45.9 68.9



#2
1,4-Dioxane
Concen: 42.630 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion: 88 Resp: 55131
Ion Ratio Lower Upper
88 100
58 87.5 68.9 103.3
43 29.5 22.9 34.3



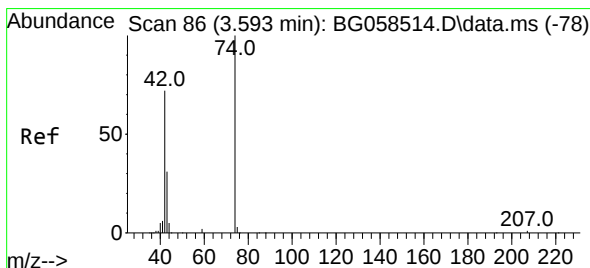
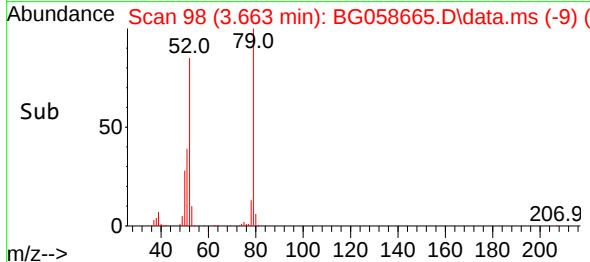
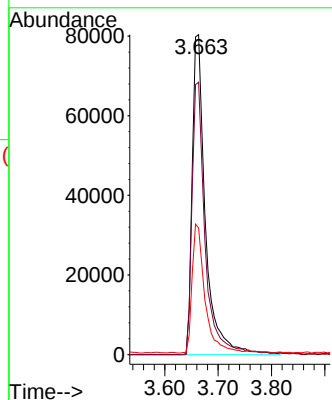
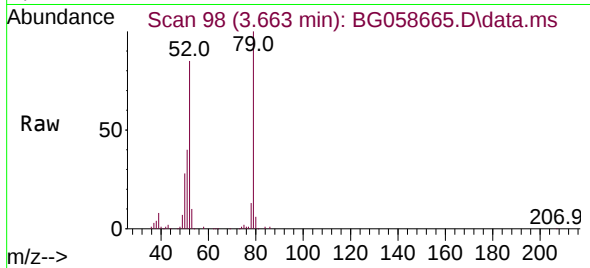


#3
 Pyridine
 Concen: 39.397 ng
 RT: 3.663 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MSD

Tgt Ion: 79 Resp: 138906

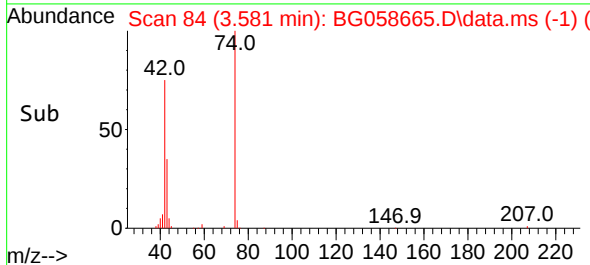
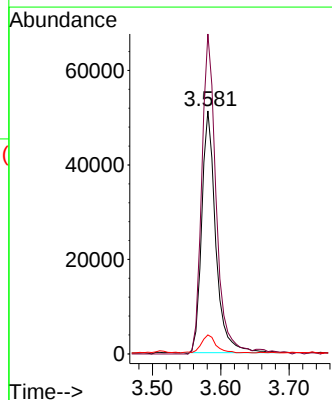
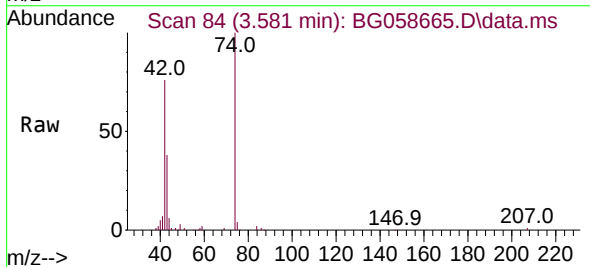
Ion	Ratio	Lower	Upper
79	100		
52	85.1	63.2	94.8
51	39.6	31.9	47.9

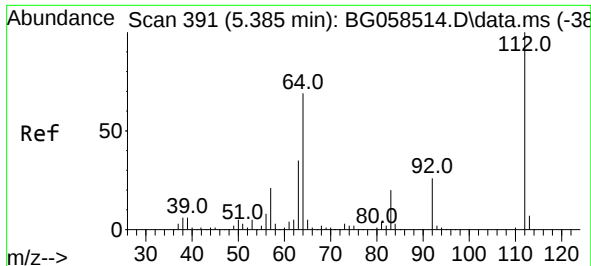


#4
 n-Nitrosodimethylamine
 Concen: 48.871 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Tgt Ion: 42 Resp: 73008

Ion	Ratio	Lower	Upper
42	100		
74	131.7	111.5	167.3
44	7.8	5.4	8.2

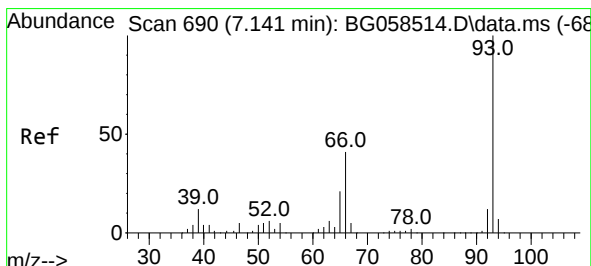
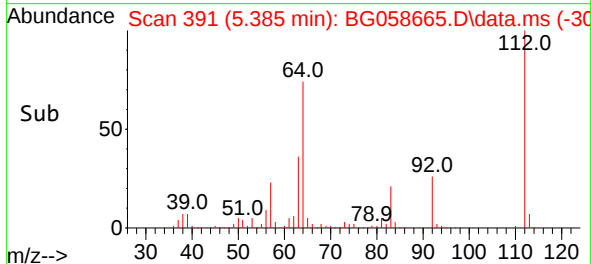
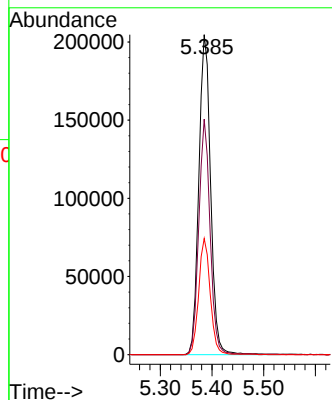
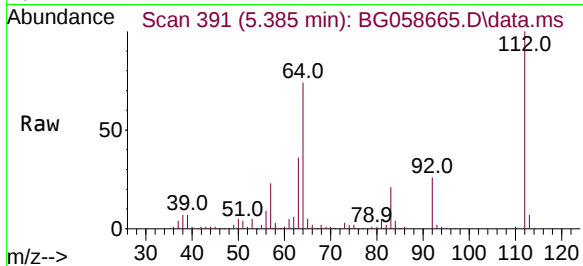




#5
2-Fluorophenol
Concen: 121.145 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

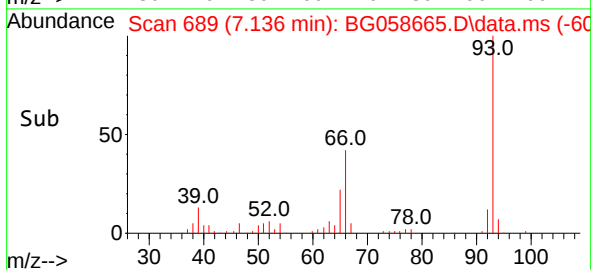
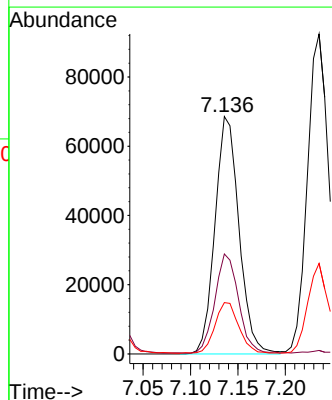
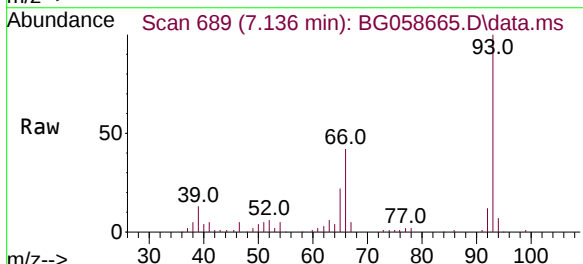
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

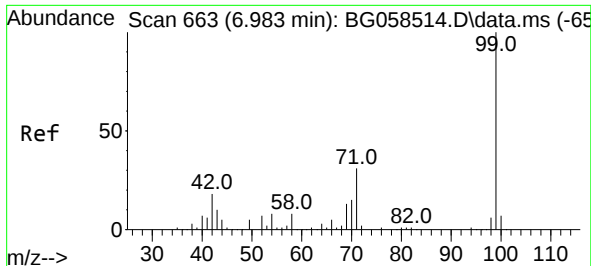
Tgt Ion:112 Resp: 323315
Ion Ratio Lower Upper
112 100
64 73.6 55.3 82.9
63 36.3 28.3 42.5



#6
Aniline
Concen: 26.470 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion: 93 Resp: 121025
Ion Ratio Lower Upper
93 100
66 42.1 33.1 49.7
65 21.6 17.0 25.4

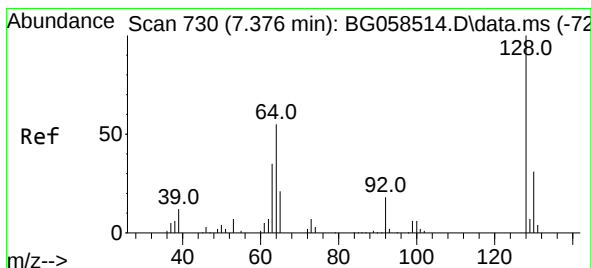
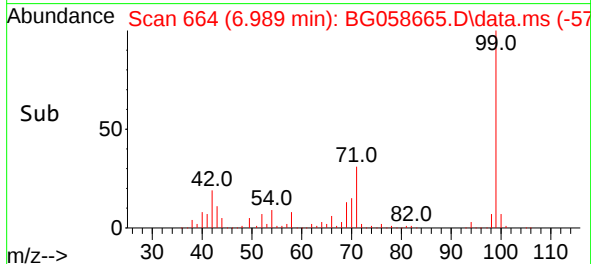
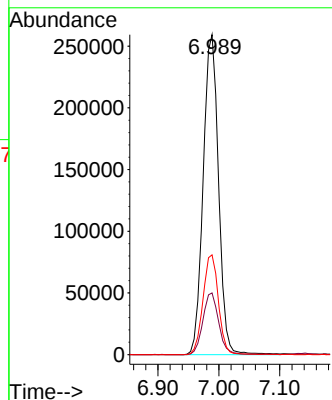
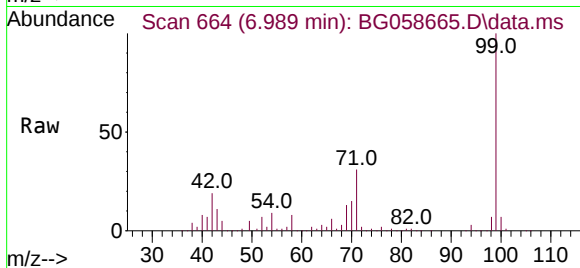




#7
Phenol-d6
Concen: 122.059 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

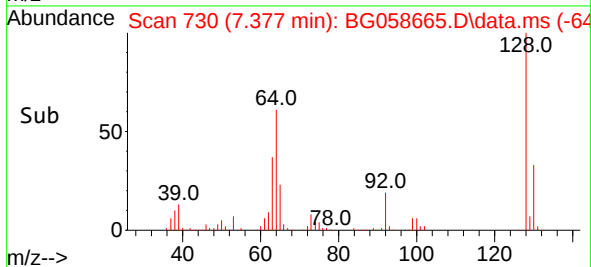
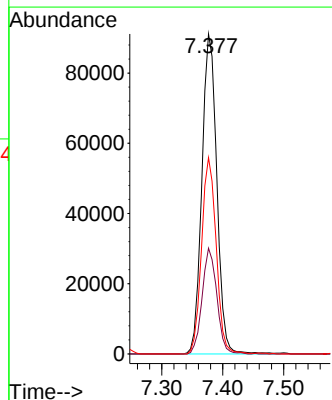
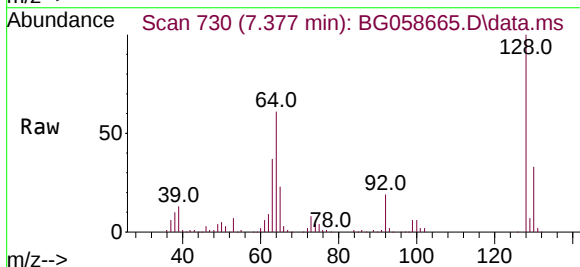
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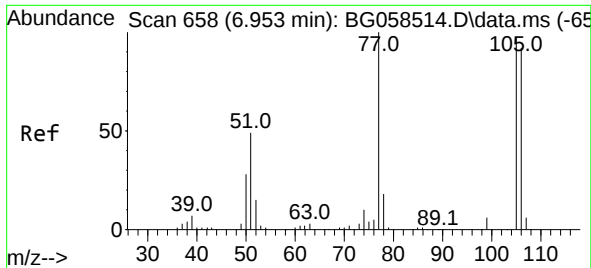
Tgt Ion: 99 Resp: 453285
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.2 25.0 37.4



#8
2-Chlorophenol
Concen: 59.172 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion: 128 Resp: 154924
Ion Ratio Lower Upper
128 100
130 33.0 10.9 50.9
64 61.3 39.0 79.0

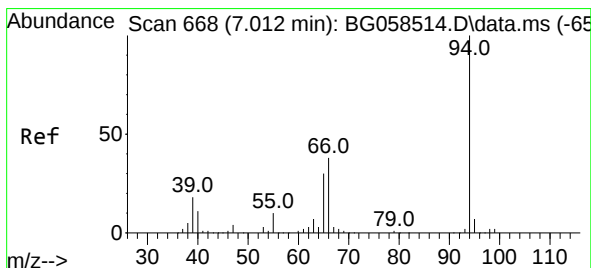
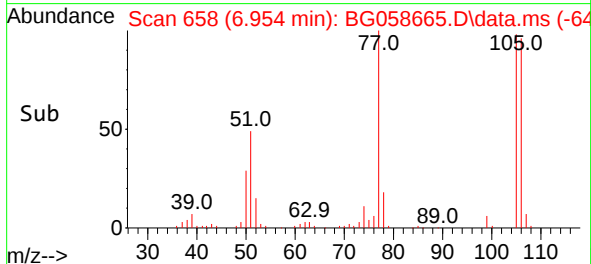
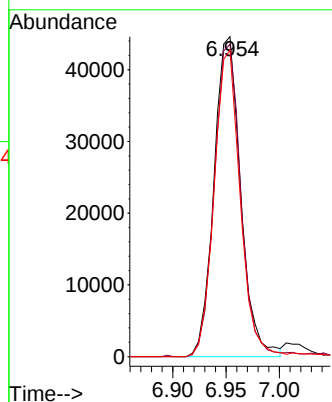
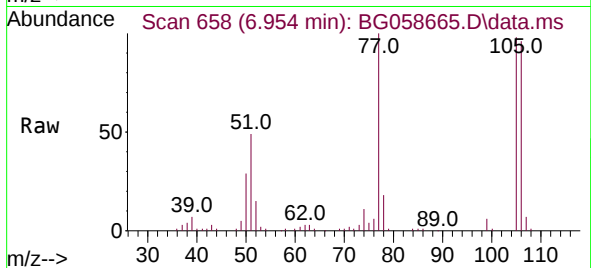




#9
Benzaldehyde
Concen: 38.521 ng
RT: 6.954 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

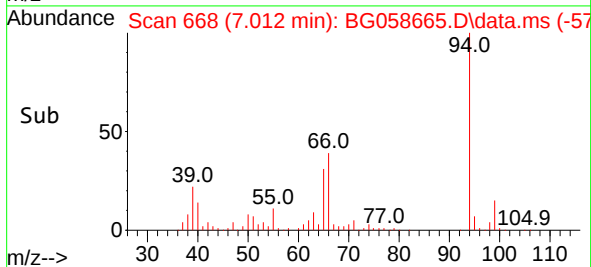
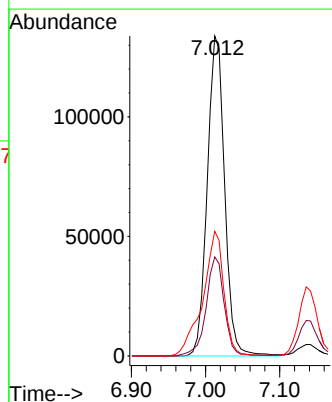
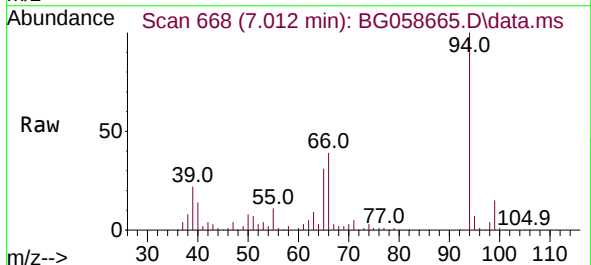
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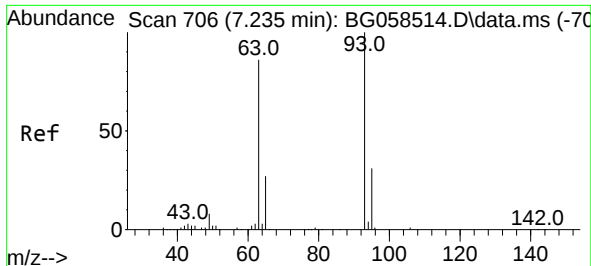
Tgt Ion:	77	Resp:	77720
Ion	Ratio	Lower	Upper
77	100		
105	97.6	77.1	117.1
106	95.8	71.6	111.6



#10
Phenol
Concen: 60.005 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:	94	Resp:	217677
Ion	Ratio	Lower	Upper
94	100		
65	30.9	10.4	50.4
66	38.9	18.7	58.7

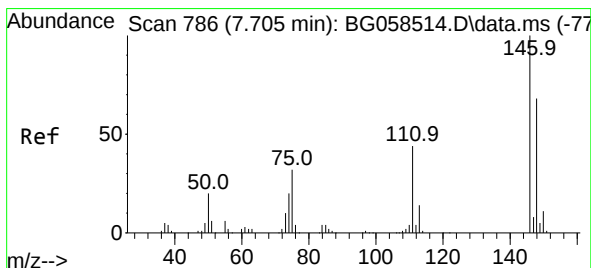
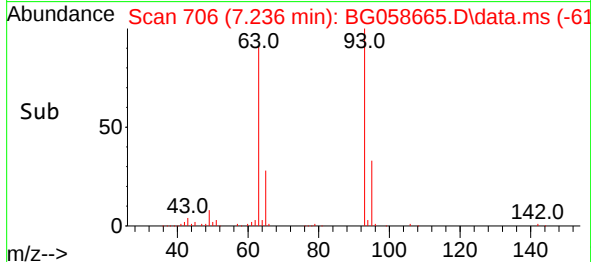
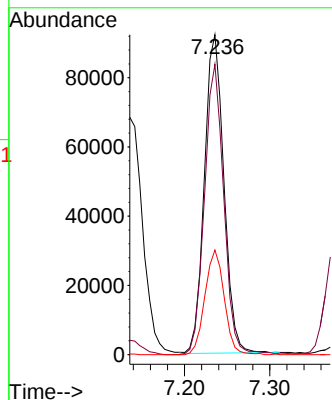
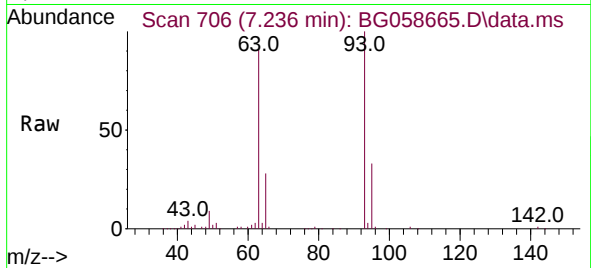




#11
bis(2-Chloroethyl)ether
Concen: 50.987 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

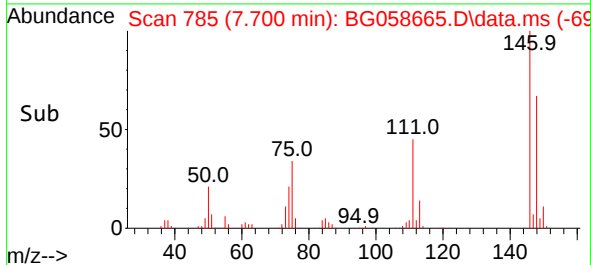
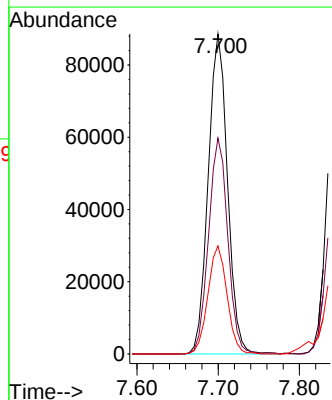
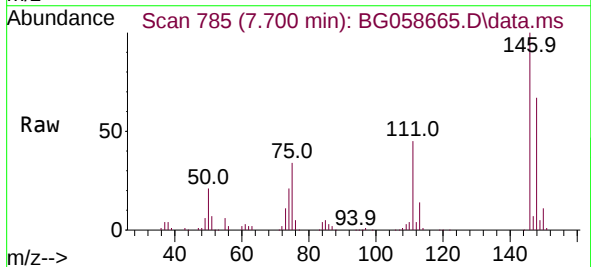
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

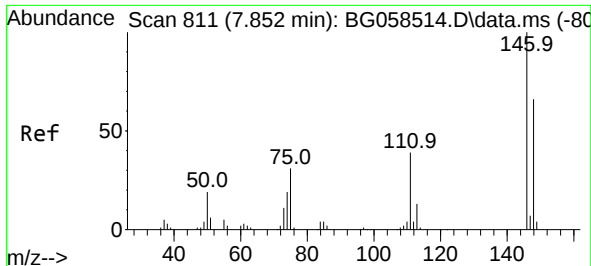
Tgt Ion: 93 Resp: 145819
Ion Ratio Lower Upper
93 100
63 90.7 65.5 105.5
95 32.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 52.332 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:146 Resp: 146308
Ion Ratio Lower Upper
146 100
148 67.4 54.7 82.1
75 33.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.657 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

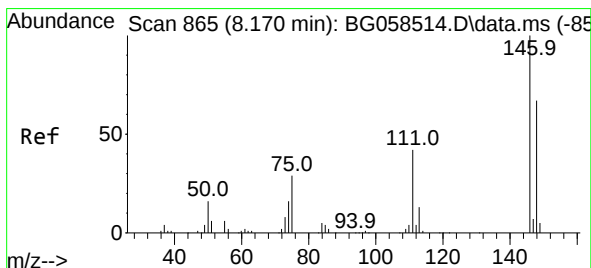
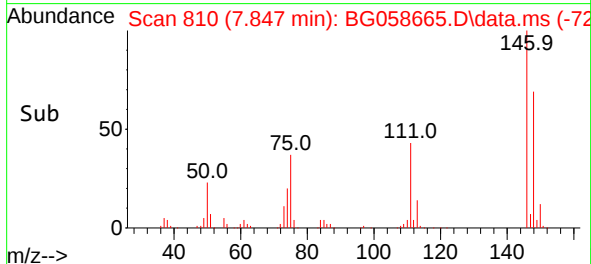
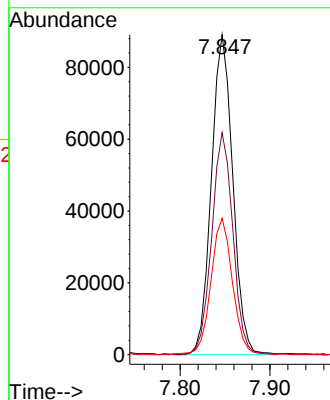
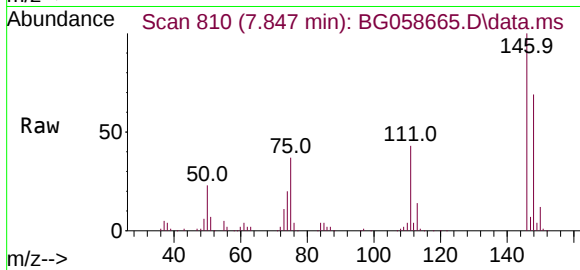
Tgt Ion:146 Resp: 147817

Ion Ratio Lower Upper

146 100

148 69.4 52.8 79.2

111 42.6 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 54.556 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

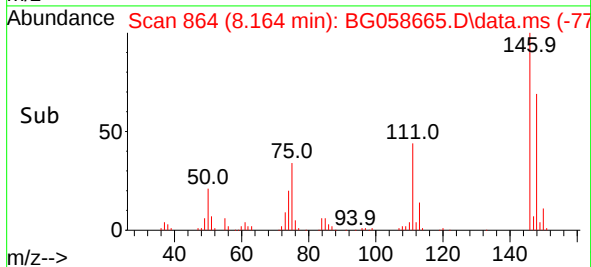
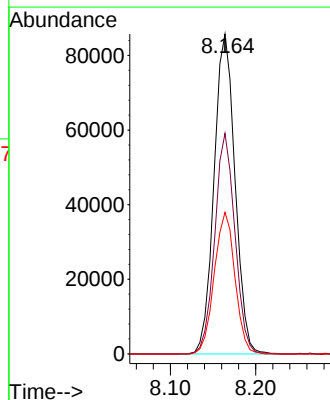
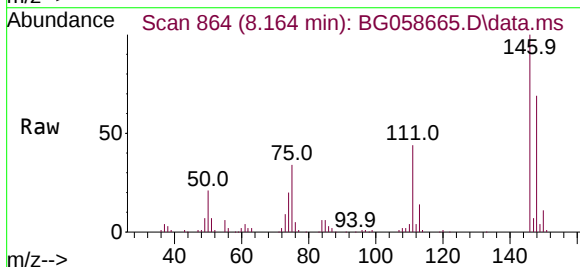
Tgt Ion:146 Resp: 146423

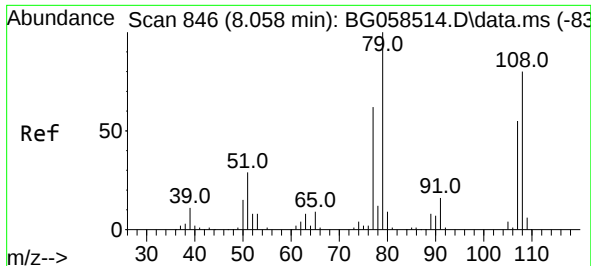
Ion Ratio Lower Upper

146 100

148 68.9 53.4 80.2

111 44.2 34.2 51.2

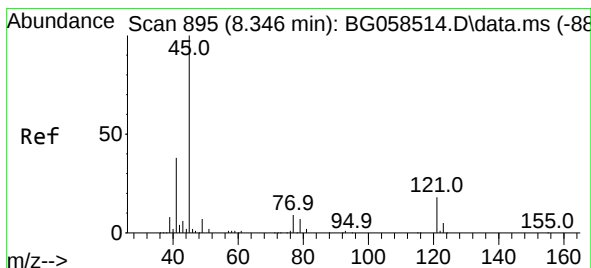
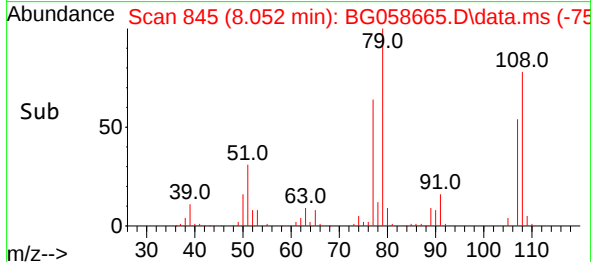
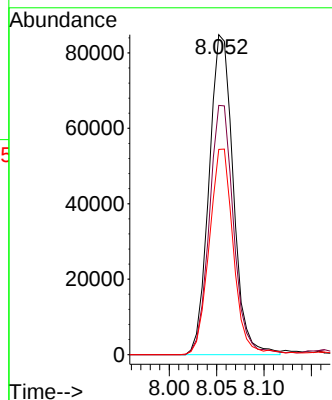
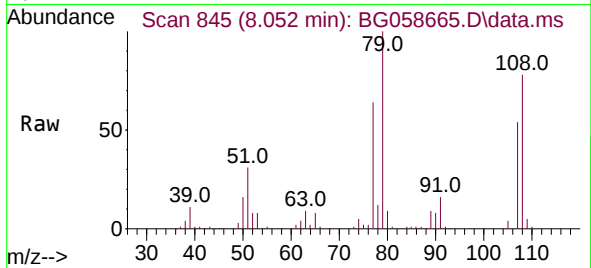




#15
Benzyl Alcohol
Concen: 63.980 ng
RT: 8.052 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

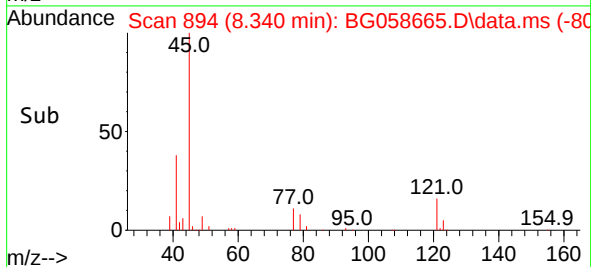
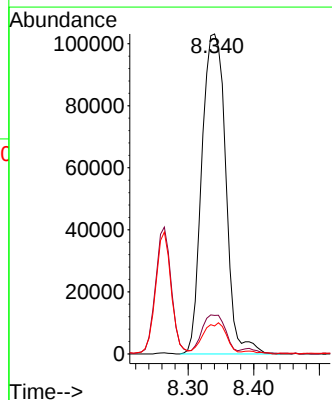
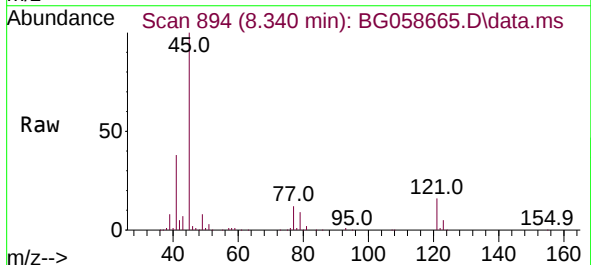
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

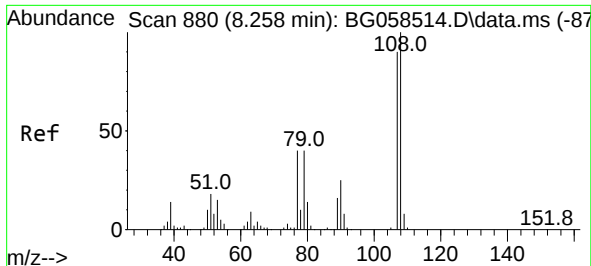
Tgt Ion: 79 Resp: 150679
Ion Ratio Lower Upper
79 100
108 77.9 63.8 95.6
77 64.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.957 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

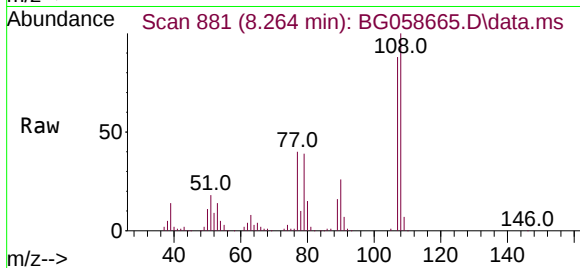
Tgt Ion: 45 Resp: 259954
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.6
79 8.7 0.0 30.2



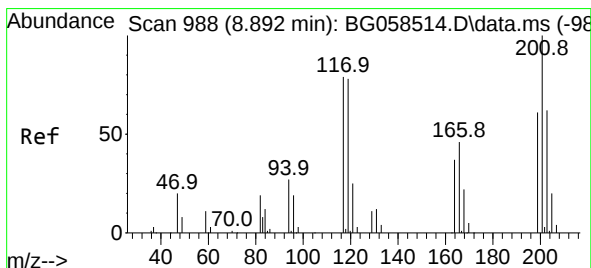
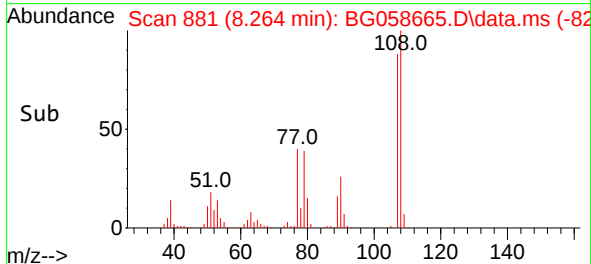
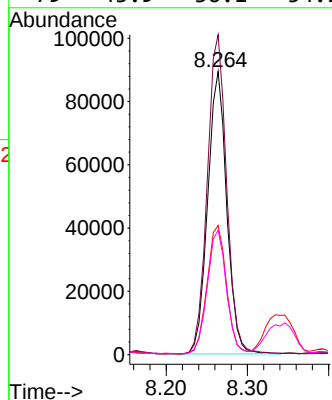


#17
2-Methylphenol
Concen: 54.825 ng
RT: 8.264 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

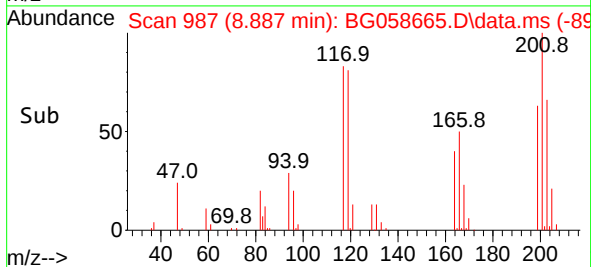
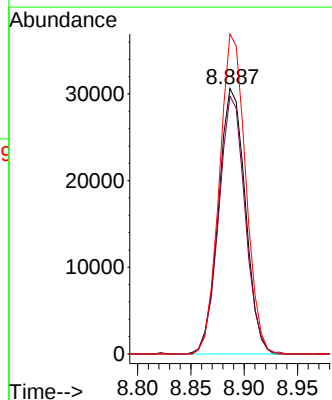
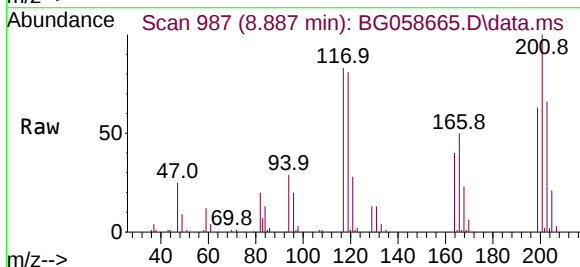


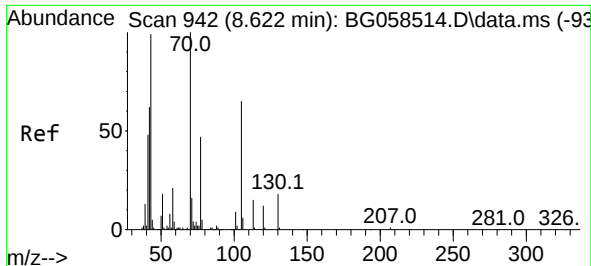
Tgt Ion:	107	Resp:	145420
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.1	133.7
77	45.7	36.2	54.4
79	43.9	36.1	54.1



#18
Hexachloroethane
Concen: 52.439 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:	117	Resp:	53505
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.6	117.8
201	120.6	101.4	152.0

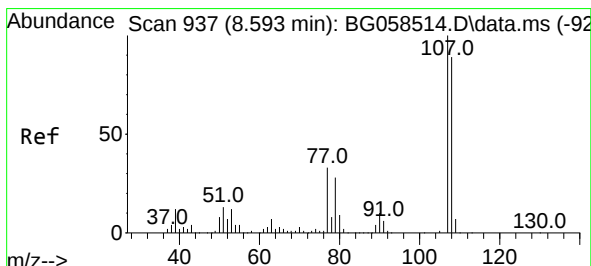
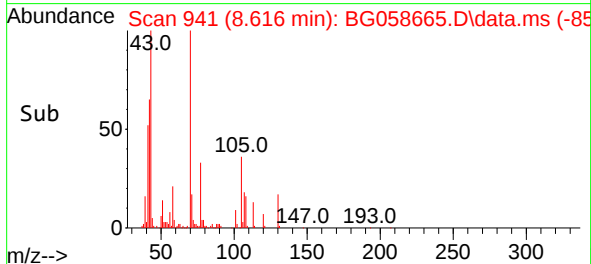
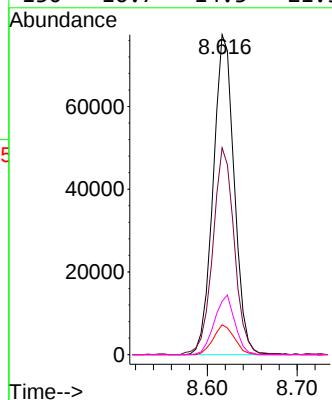
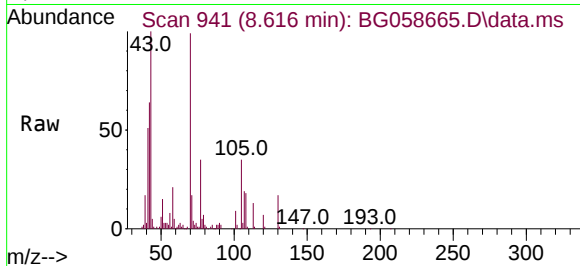




#19
n-Nitroso-di-n-propylamine
Concen: 52.519 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

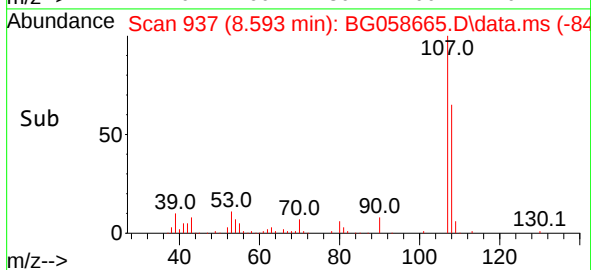
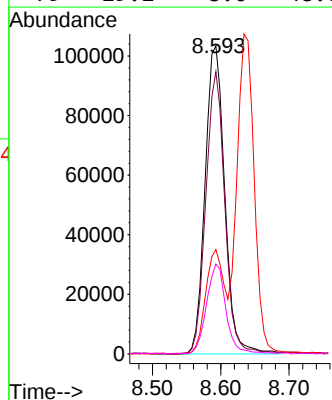
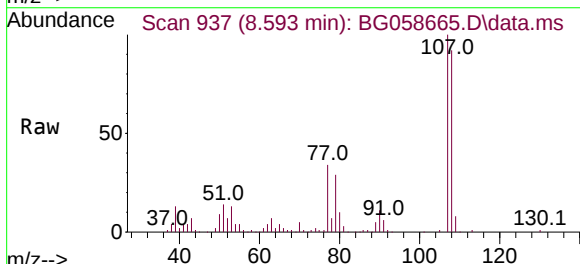
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

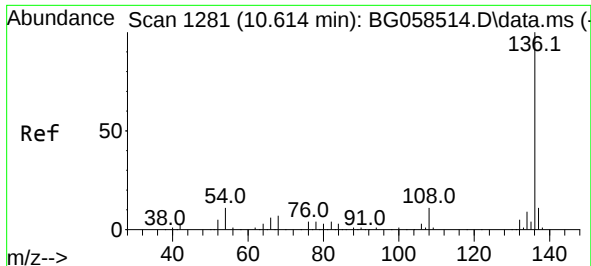
Tgt Ion: 70 Resp: 125980
Ion Ratio Lower Upper
70 100
42 64.6 49.7 74.5
101 9.3 7.0 10.4
130 16.7 14.3 21.5



#20
3+4-Methylphenols
Concen: 57.688 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

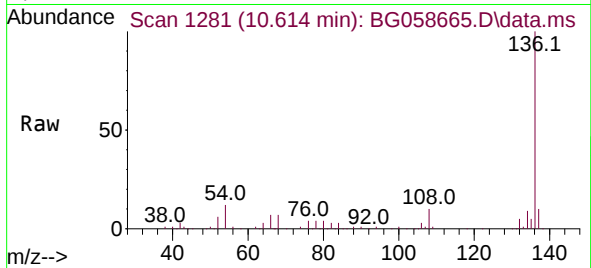
Tgt Ion: 107 Resp: 206976
Ion Ratio Lower Upper
107 100
108 91.6 69.4 109.4
77 33.9 13.0 53.0
79 29.2 8.0 48.0



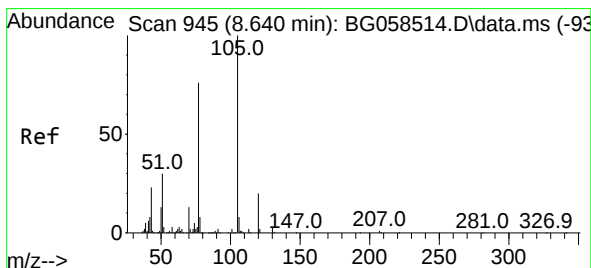
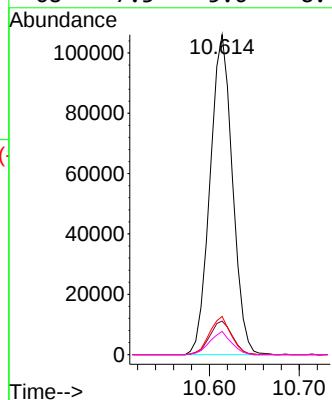


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

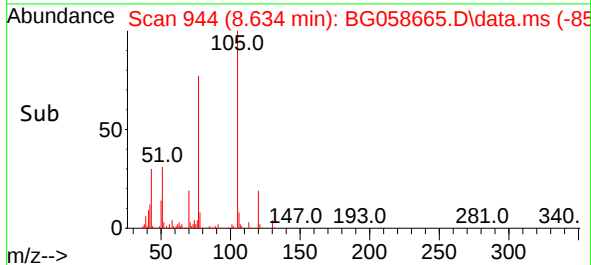
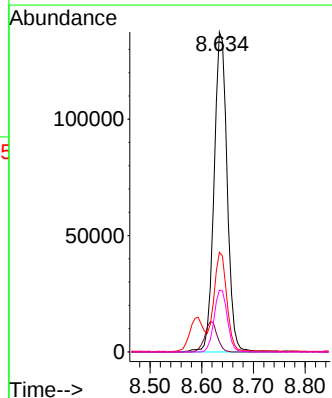
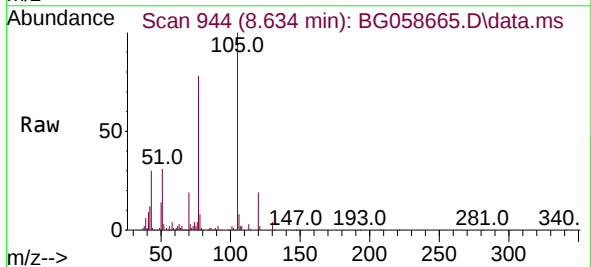


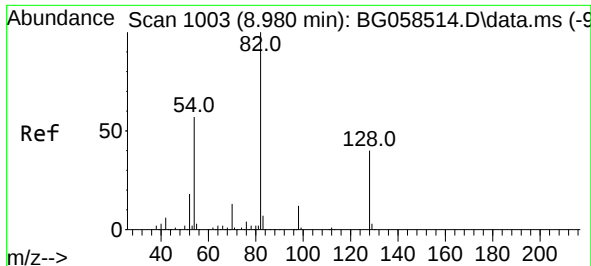
Tgt Ion:	136	Resp:	184012
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	11.9	8.9	13.3
68	7.3	5.6	8.4



#22
Acetophenone
Concen: 49.319 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:	105	Resp:	243000
Ion Ratio	Lower	Upper	
105	100		
71	3.1	1.8	2.6
51	31.1	24.2	36.2
120	19.3	16.2	24.4

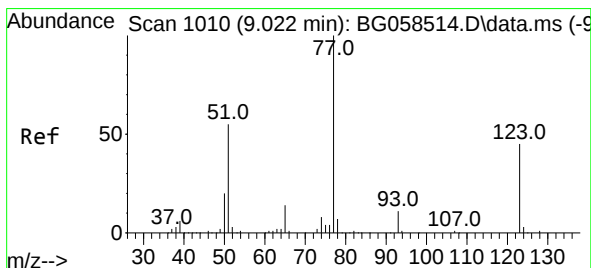
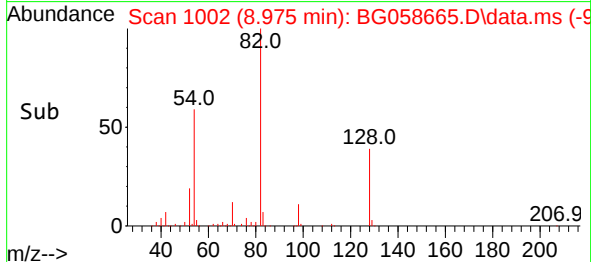
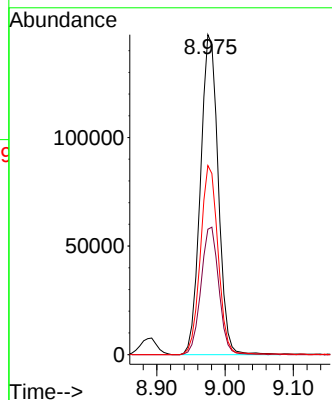
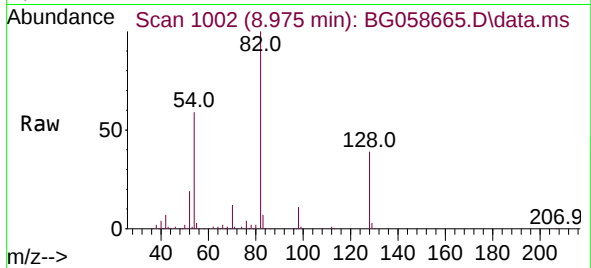




#23
Nitrobenzene-d5
Concen: 71.299 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

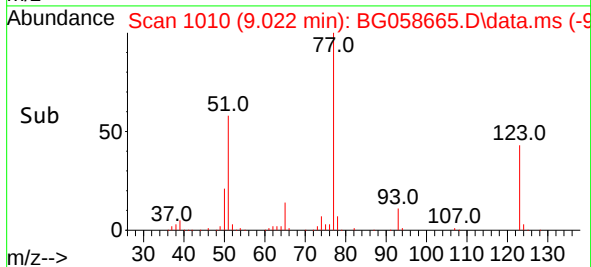
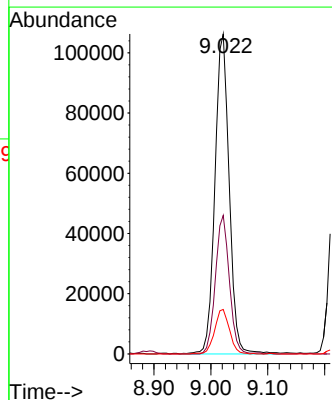
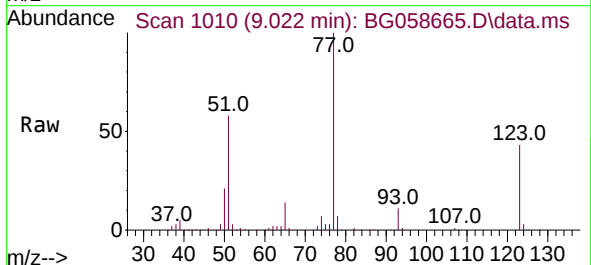
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

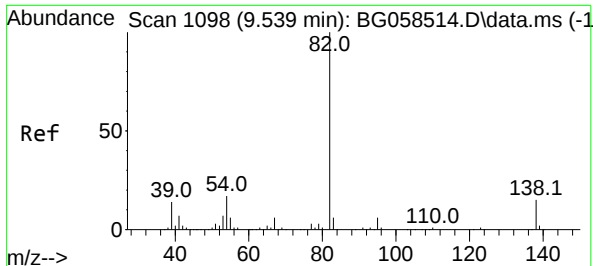
Tgt Ion: 82 Resp: 267068
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.2
54 59.1 46.0 69.0



#24
Nitrobenzene
Concen: 48.606 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion: 77 Resp: 185094
Ion Ratio Lower Upper
77 100
123 43.3 35.6 53.4
65 13.9 11.4 17.0

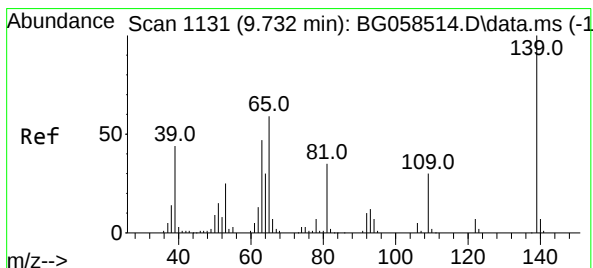
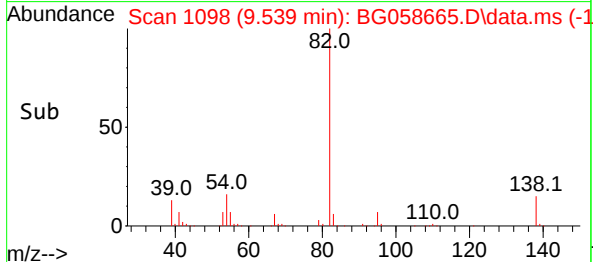
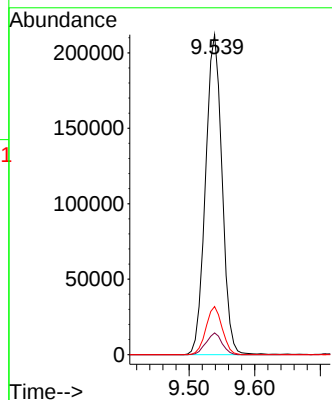
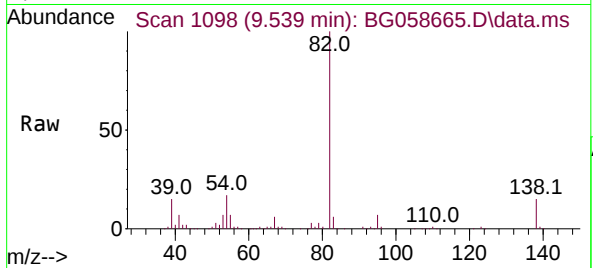




#25
Isophorone
Concen: 47.683 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

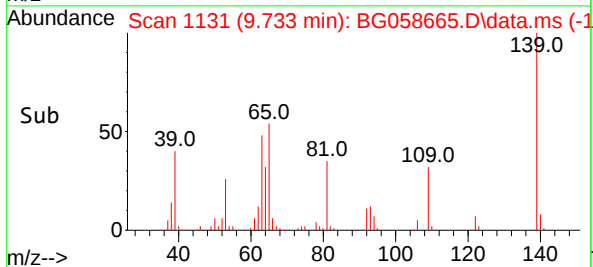
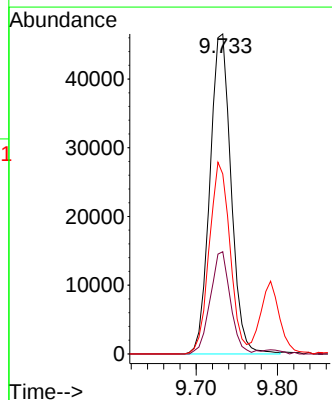
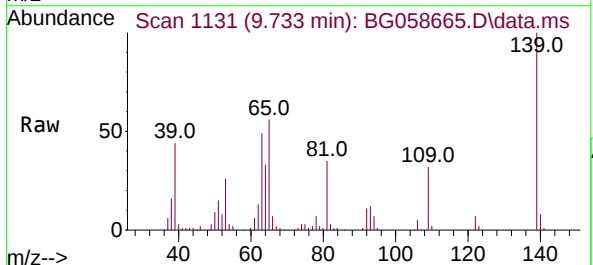
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

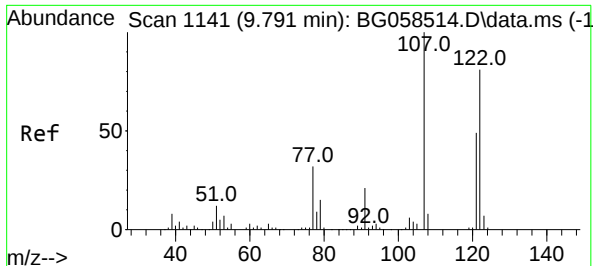
Tgt Ion: 82 Resp: 369040
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.0 11.9 17.9



#26
2-Nitrophenol
Concen: 50.925 ng
RT: 9.733 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:139 Resp: 84416
Ion Ratio Lower Upper
139 100
109 31.9 24.2 36.2
65 56.2 47.0 70.4

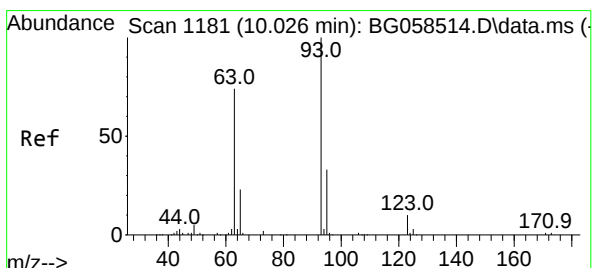
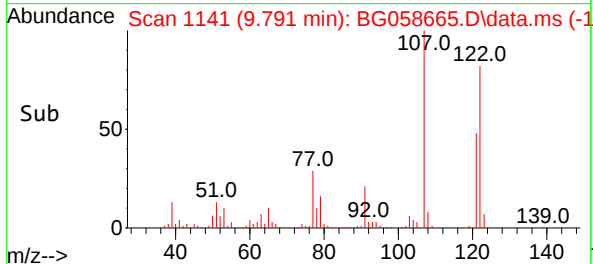
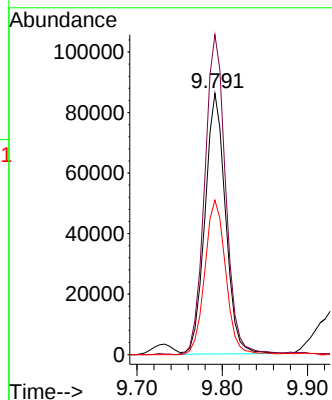
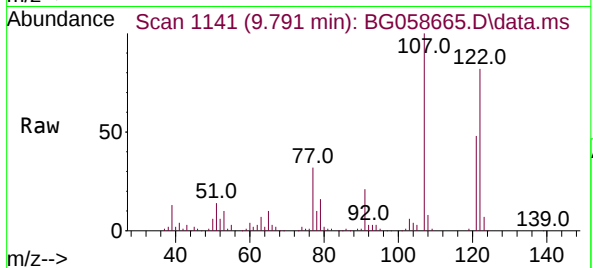




#27
2,4-Dimethylphenol
Concen: 52.401 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

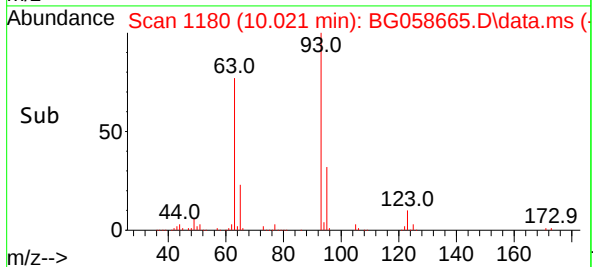
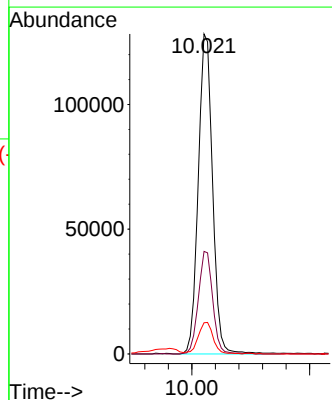
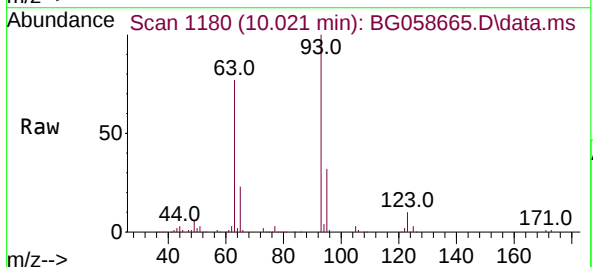
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

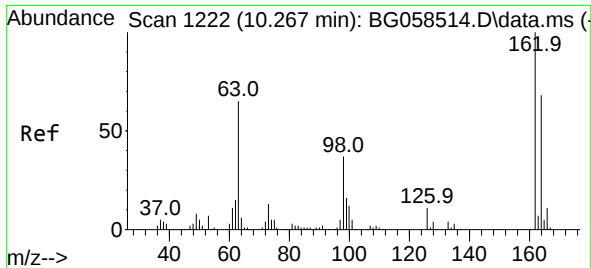
Tgt Ion:122 Resp: 144080
Ion Ratio Lower Upper
122 100
107 122.5 98.0 147.0
121 59.1 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.355 ng
RT: 10.021 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion: 93 Resp: 216301
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 9.7 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 55.898 ng

RT: 10.267 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

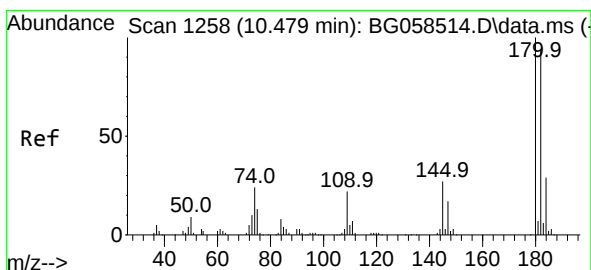
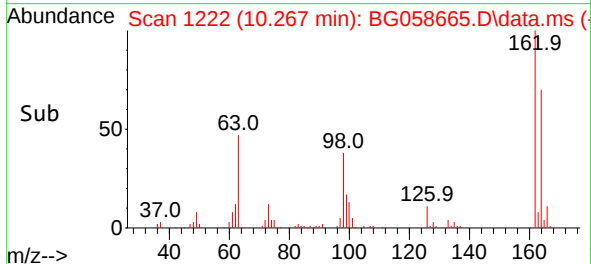
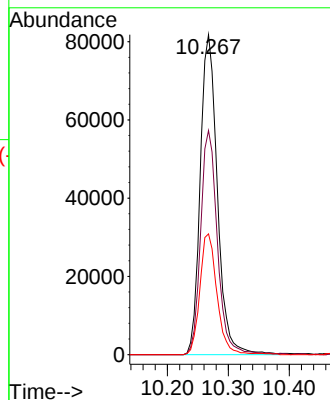
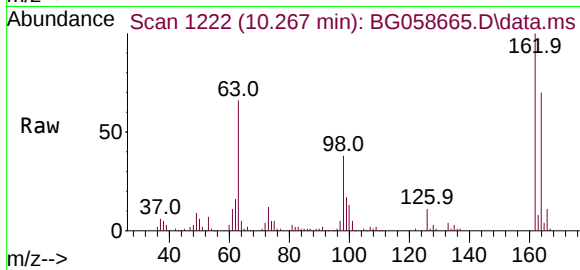
Tgt Ion:162 Resp: 159583

Ion Ratio Lower Upper

162 100

164 70.0 47.6 87.6

98 37.7 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 50.432 ng

RT: 10.479 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

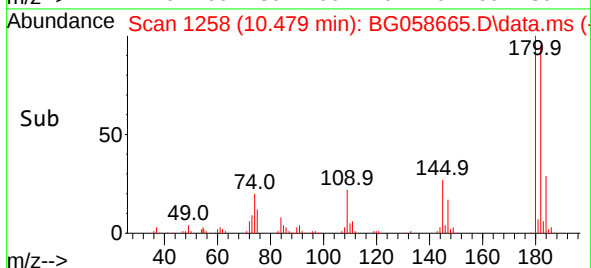
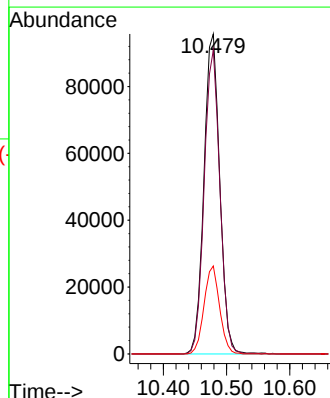
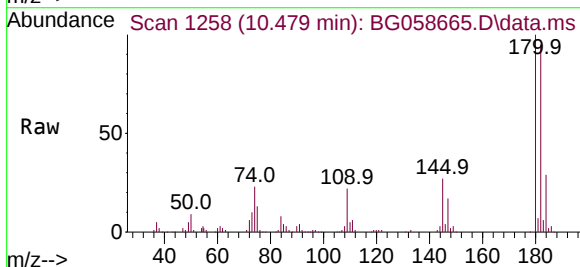
Tgt Ion:180 Resp: 166042

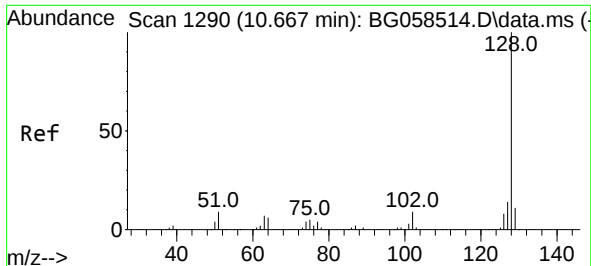
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.4

145 27.5 21.9 32.9

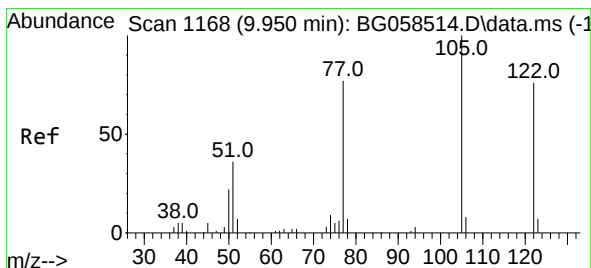
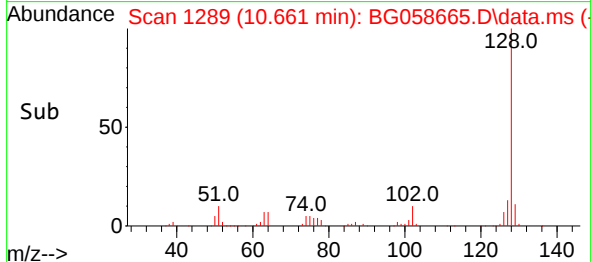
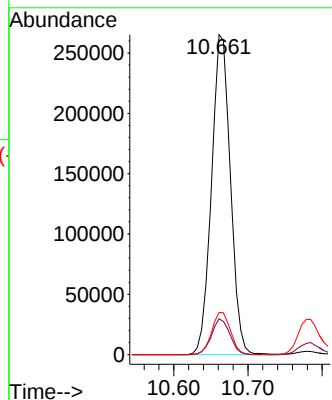
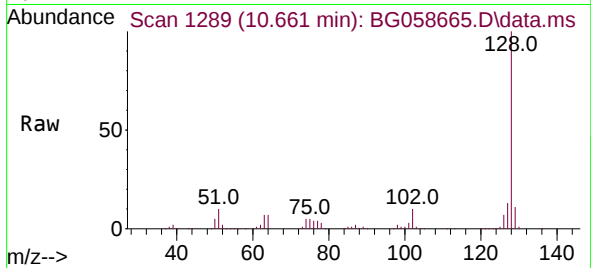




#31
Naphthalene
Concen: 48.342 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

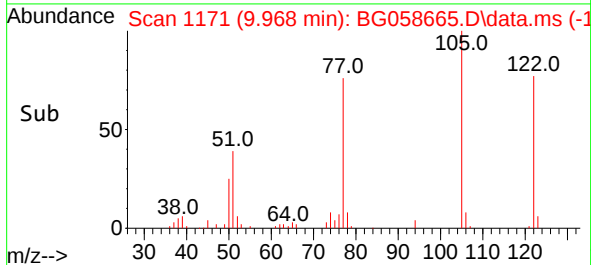
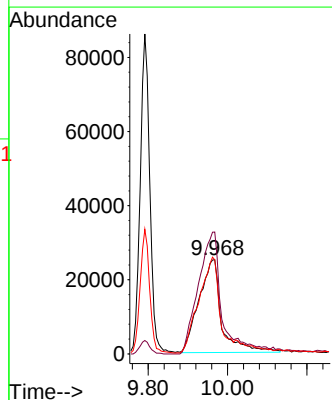
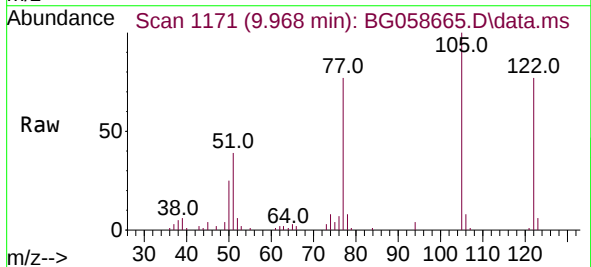
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

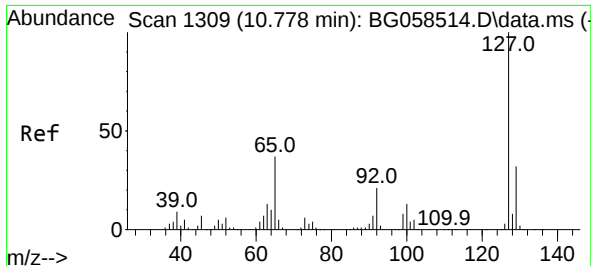
Tgt Ion:128 Resp: 468843
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 47.842 ng
RT: 9.968 min Scan# 1171
Delta R.T. 0.018 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:122 Resp: 100388
Ion Ratio Lower Upper
122 100
105 129.4 106.5 146.5
77 99.7 78.1 118.1

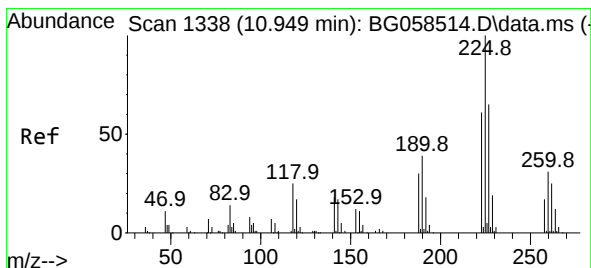
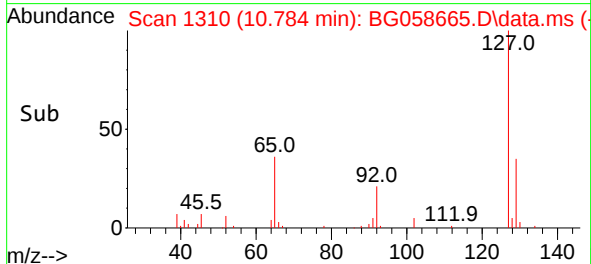
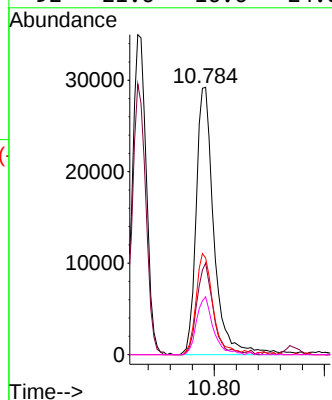
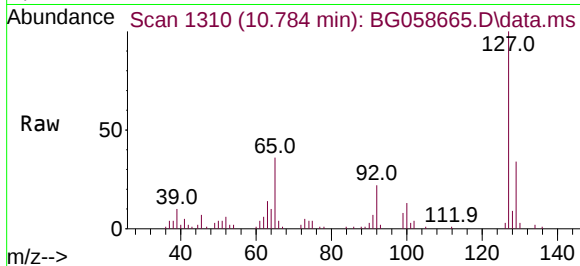




#33
4-Chloroaniline
Concen: 15.981 ng
RT: 10.784 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

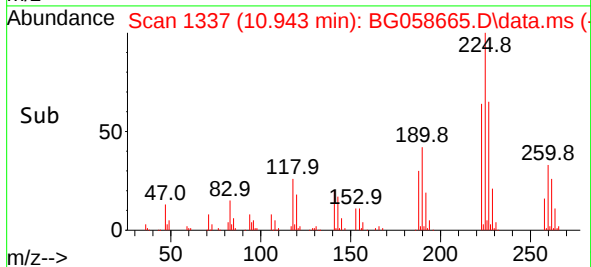
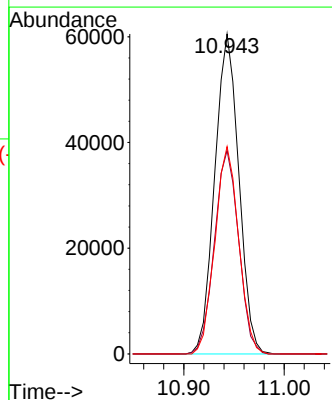
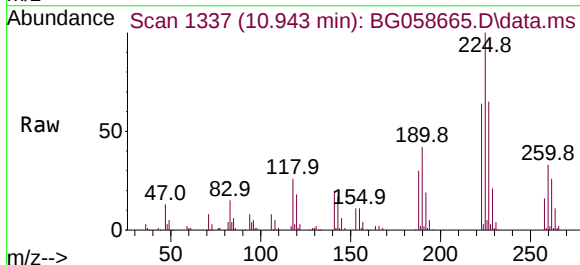
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

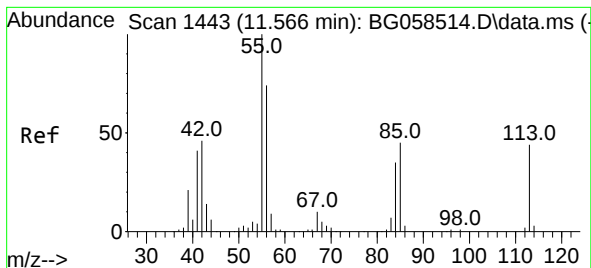
Tgt Ion:	127	Resp:	65484
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.4	38.2
65	36.1	29.5	44.3
92	21.6	16.6	24.8



#34
Hexachlorobutadiene
Concen: 47.603 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:	225	Resp:	100932
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.0	73.6
227	64.8	51.7	77.5





#35

Caprolactam

Concen: 13.371 ng

RT: 11.619 min Scan# 1443

Delta R.T. 0.053 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

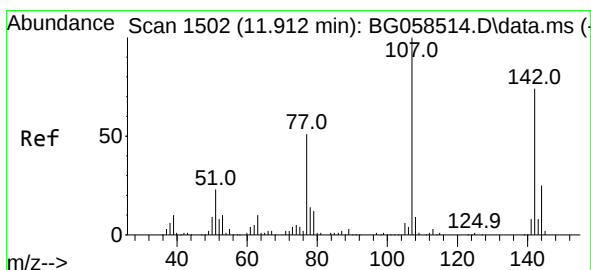
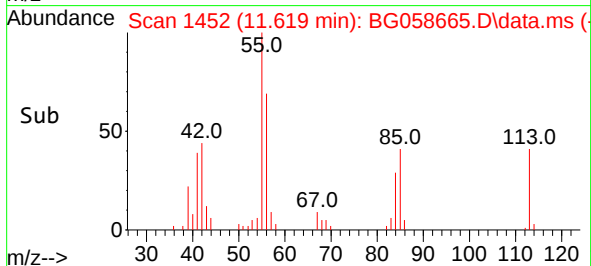
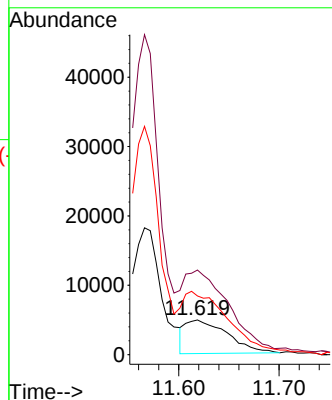
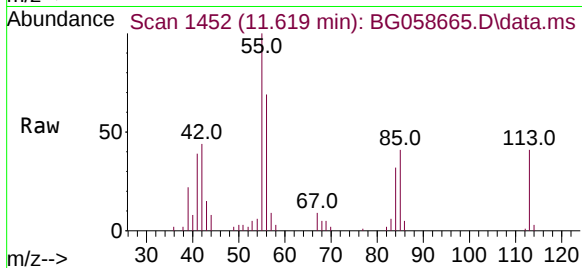
Tgt Ion:113 Resp: 14096

Ion Ratio Lower Upper

113 100

55 244.4 208.0 248.0

56 169.2 148.6 188.6



#36

4-Chloro-3-methylphenol

Concen: 55.928 ng

RT: 11.912 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

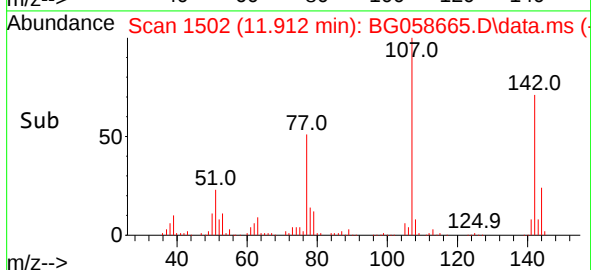
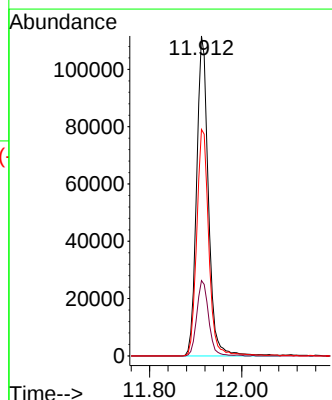
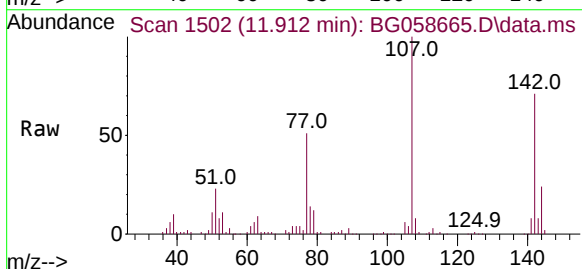
Tgt Ion:107 Resp: 197514

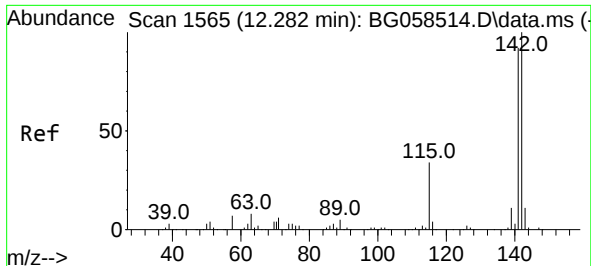
Ion Ratio Lower Upper

107 100

144 23.5 19.6 29.4

142 70.8 59.3 88.9





#37

2-Methylnaphthalene

Concen: 47.331 ng

RT: 12.277 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BG058665.D

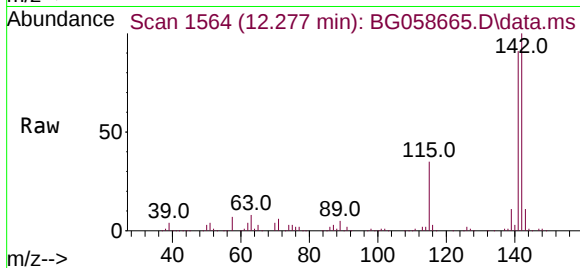
Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD



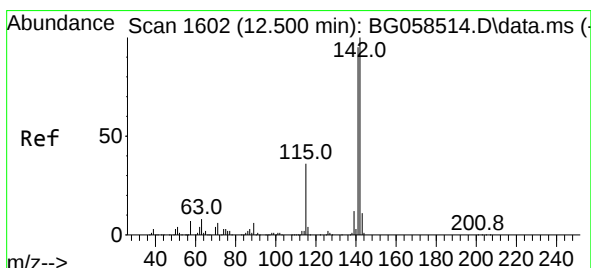
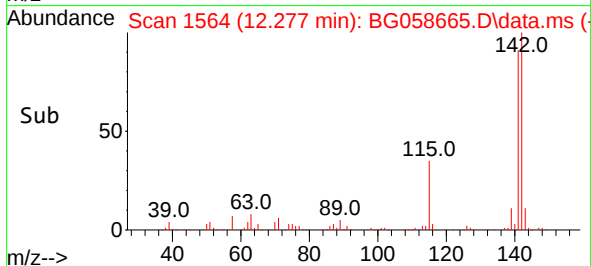
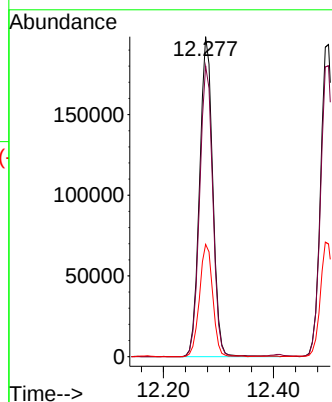
Tgt Ion:142 Resp: 328355

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3

115 35.1 27.4 41.0



#38

1-Methylnaphthalene

Concen: 48.931 ng

RT: 12.500 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

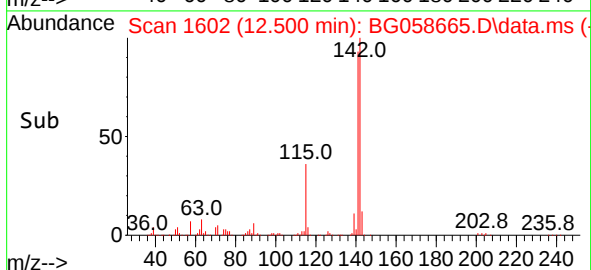
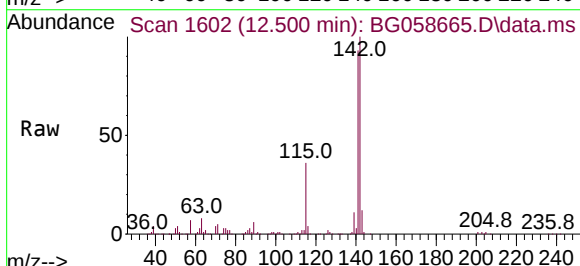
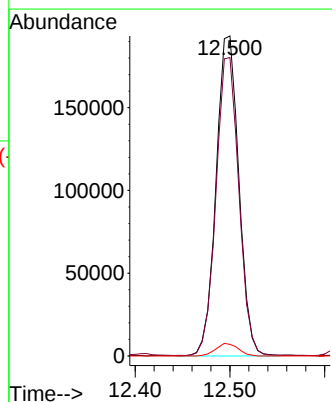
Tgt Ion:142 Resp: 322685

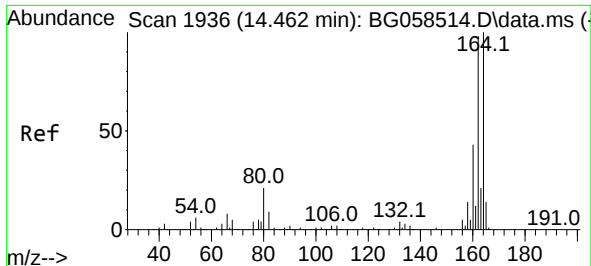
Ion Ratio Lower Upper

142 100

141 93.2 75.7 113.5

116 3.6 3.2 4.8

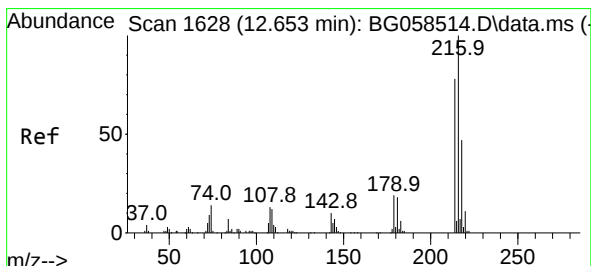
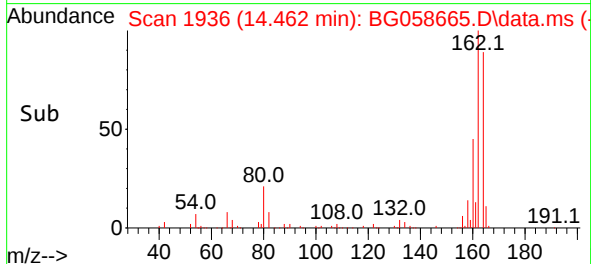
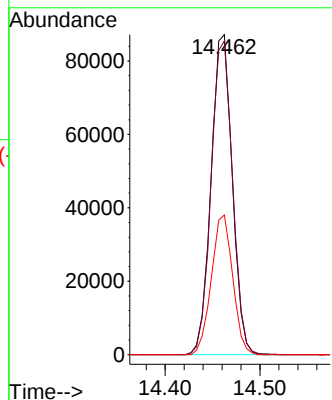
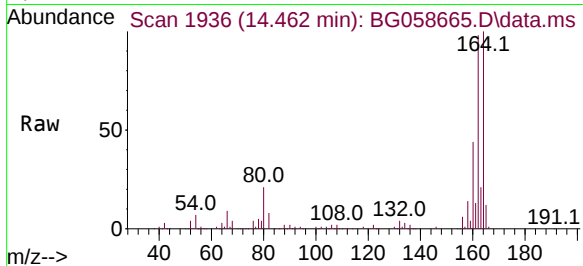




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

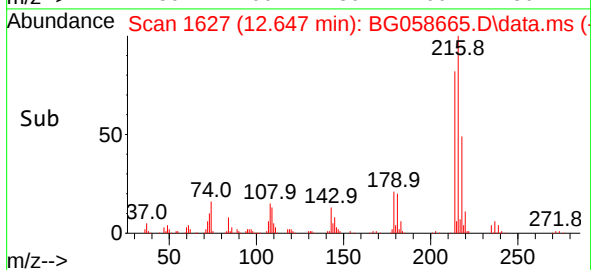
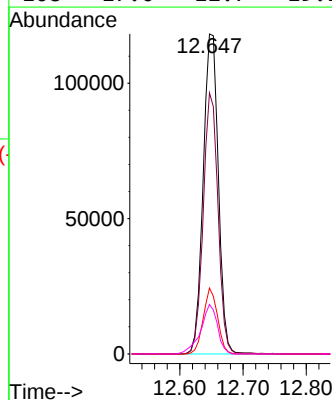
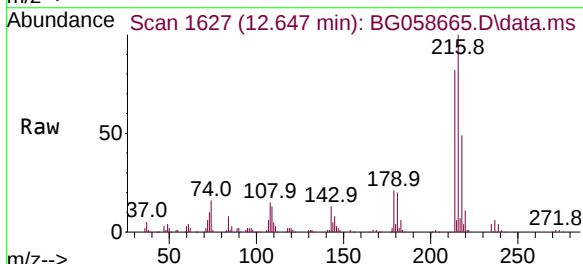
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

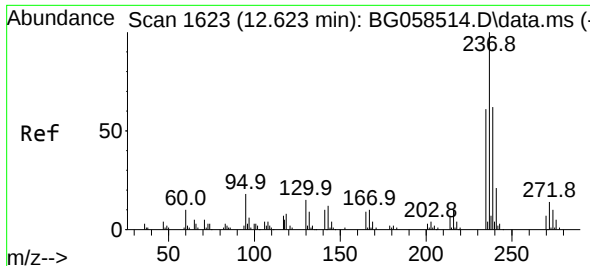
Tgt Ion:164 Resp: 135318
Ion Ratio Lower Upper
164 100
162 98.0 78.3 117.5
160 43.6 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.403 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

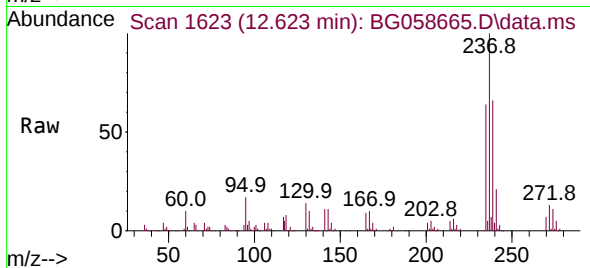
Tgt Ion:216 Resp: 196930
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 19.2 15.6 23.4
108 17.0 12.7 19.1



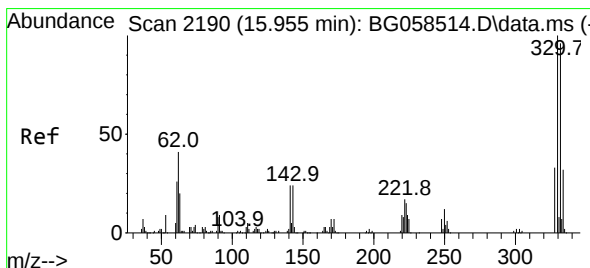
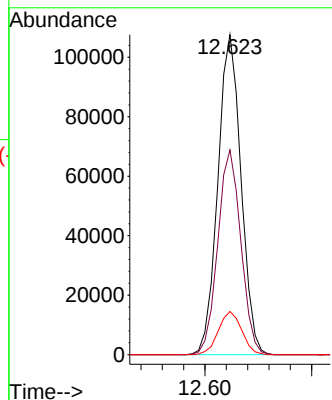
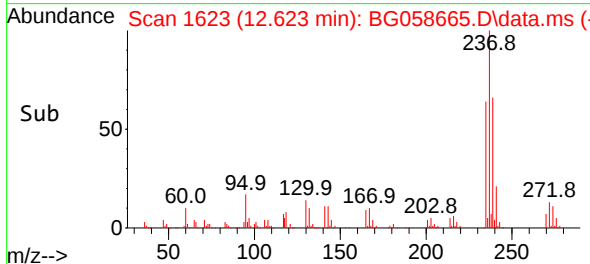


#41
Hexachlorocyclopentadiene
Concen: 83.817 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

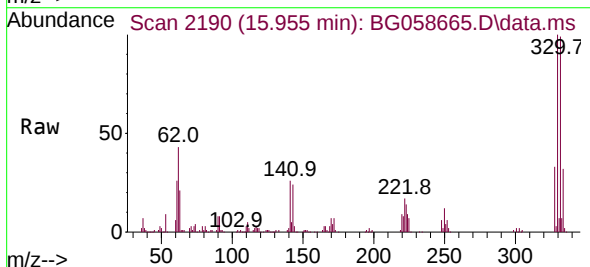
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD



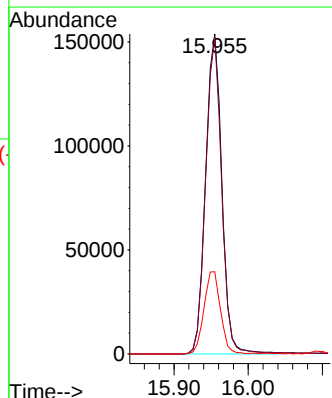
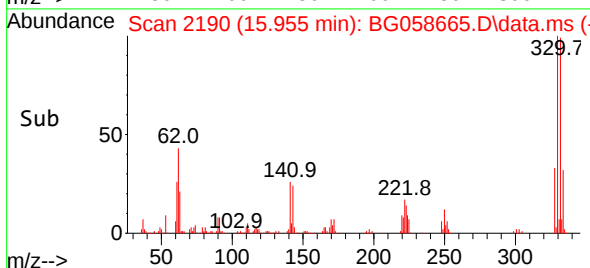
Tgt Ion:237 Resp: 162419
Ion Ratio Lower Upper
237 100
235 64.0 41.0 81.0
272 13.5 0.0 33.6

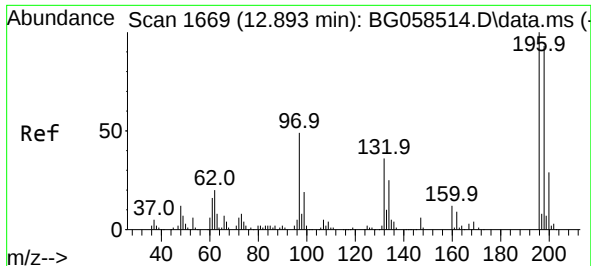


#42
2,4,6-Tribromophenol
Concen: 105.530 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21



Tgt Ion:330 Resp: 234061
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 26.1 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 50.903 ng

RT: 12.894 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

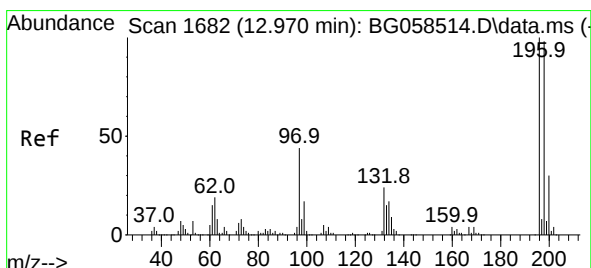
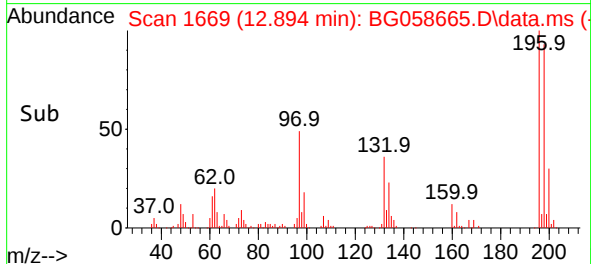
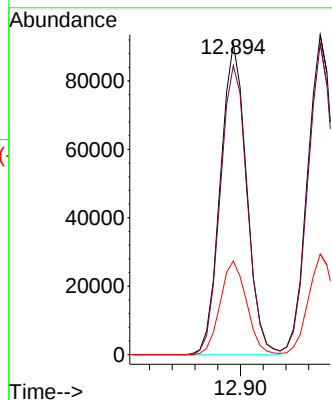
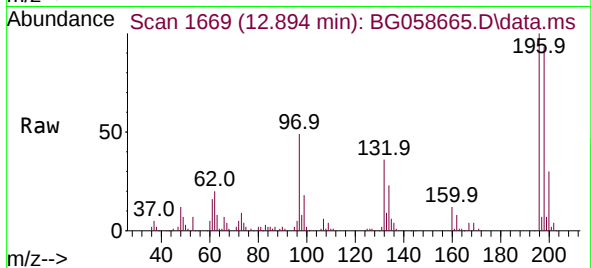
Tgt Ion:196 Resp: 145453

Ion Ratio Lower Upper

196 100

198 93.0 74.2 111.4

200 30.2 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 47.055 ng

RT: 12.970 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Tgt Ion:196 Resp: 158372

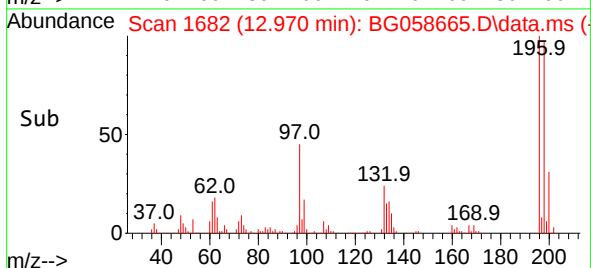
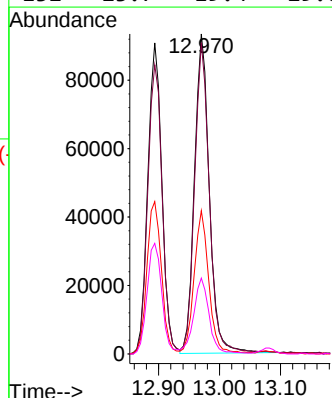
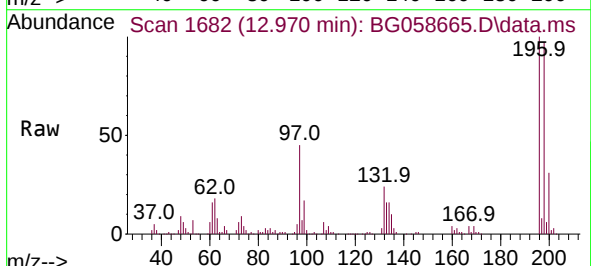
Ion Ratio Lower Upper

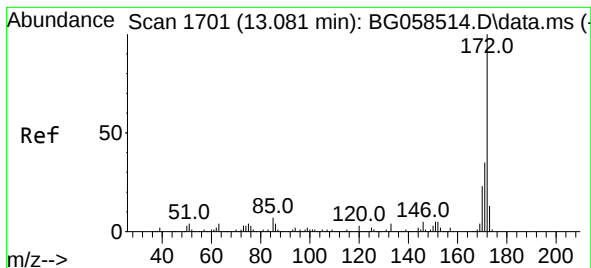
196 100

198 97.2 78.3 117.5

97 44.7 35.2 52.8

132 23.7 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 64.596 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

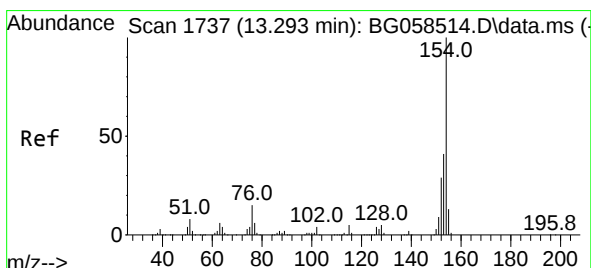
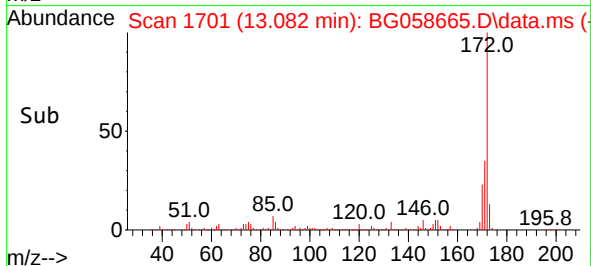
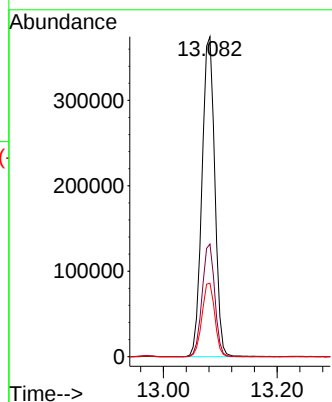
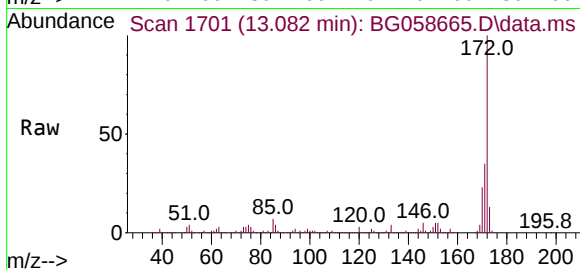
Tgt Ion:172 Resp: 583284

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 22.9 18.4 27.6



#46

1,1'-Biphenyl

Concen: 48.507 ng

RT: 13.293 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

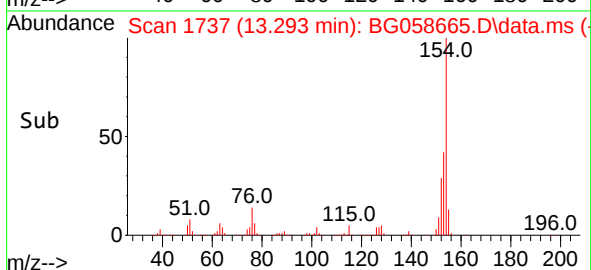
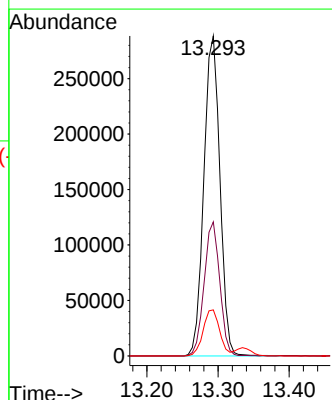
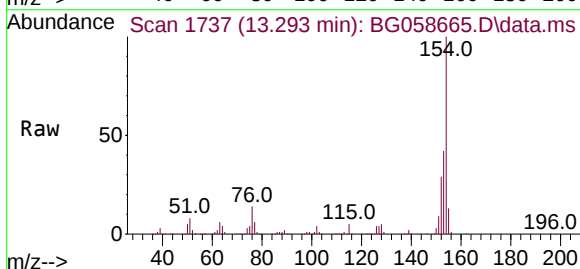
Tgt Ion:154 Resp: 450780

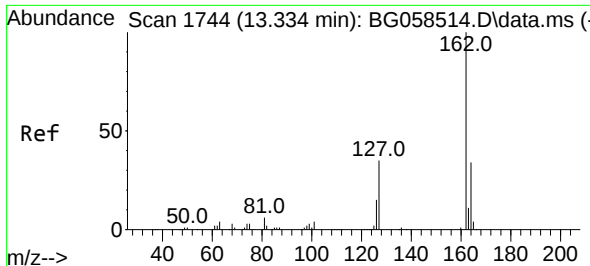
Ion Ratio Lower Upper

154 100

153 41.9 21.2 61.2

76 14.4 0.0 34.7

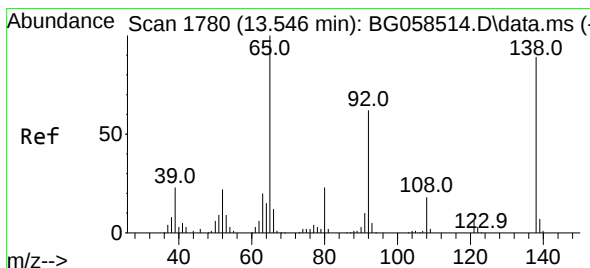
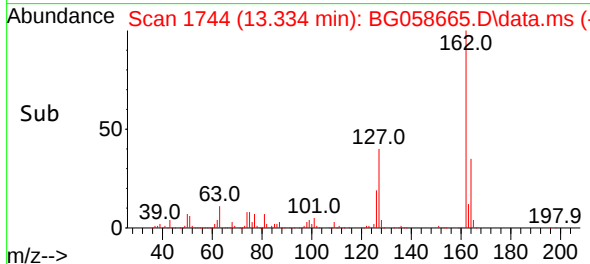
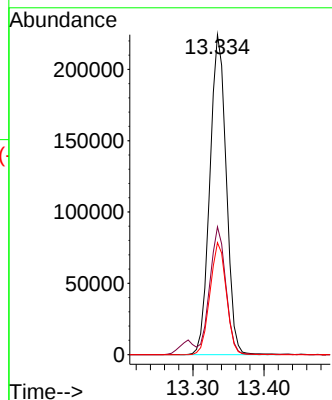
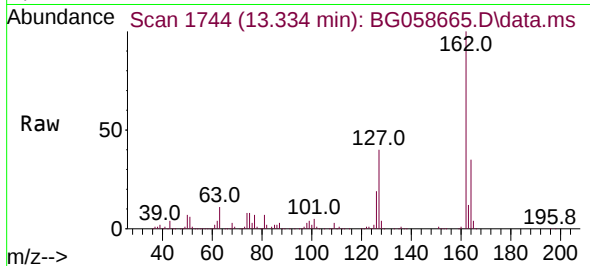




#47
2-Chloronaphthalene
Concen: 49.481 ng
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

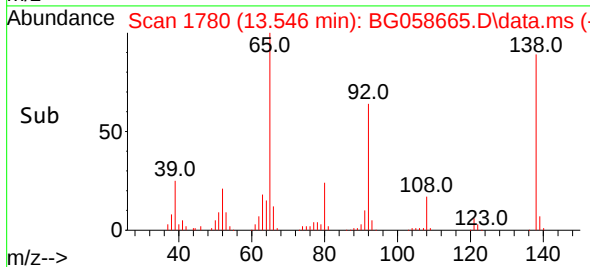
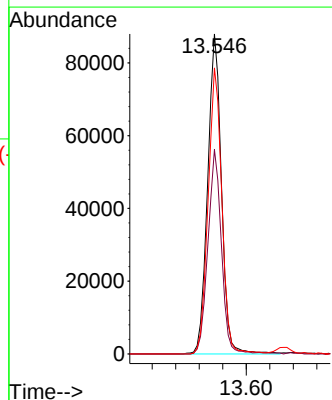
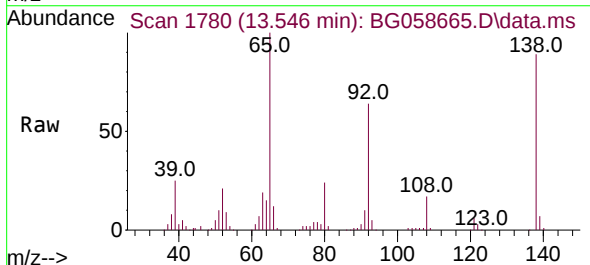
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

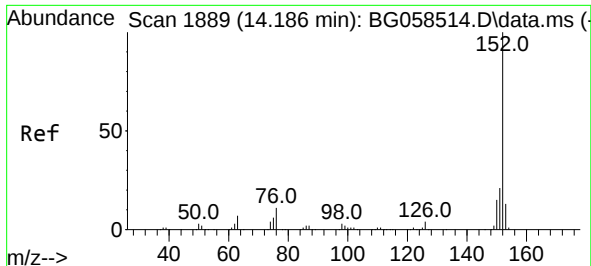
Tgt Ion:162 Resp: 358532
Ion Ratio Lower Upper
162 100
127 39.9 30.9 46.3
164 35.0 27.2 40.8



#48
2-Nitroaniline
Concen: 51.769 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

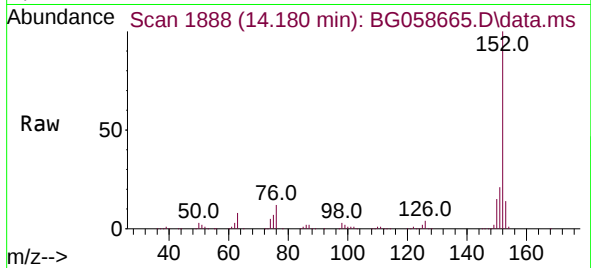
Tgt Ion: 65 Resp: 143176
Ion Ratio Lower Upper
65 100
92 63.9 49.2 73.8
138 89.4 71.5 107.3



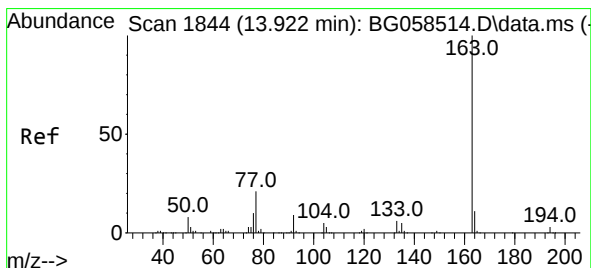
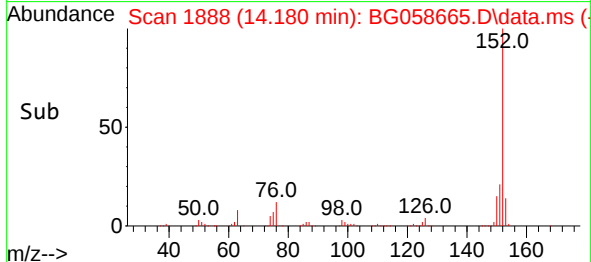
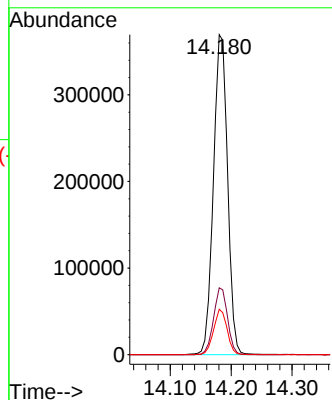


#49
Acenaphthylene
Concen: 49.079 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

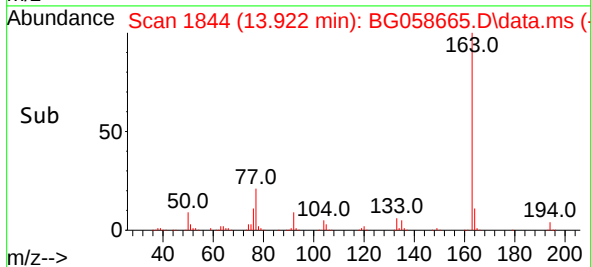
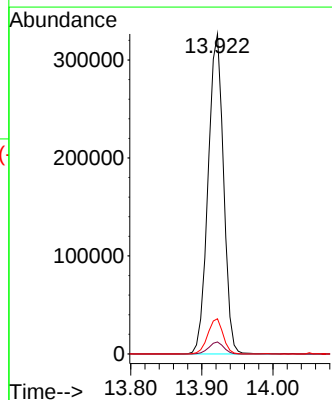
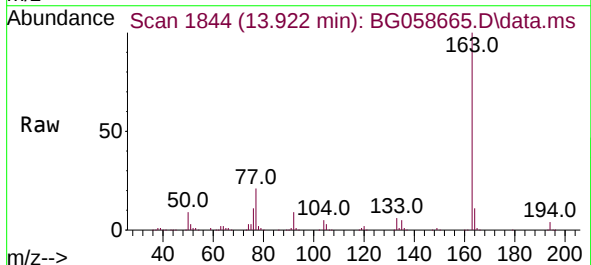


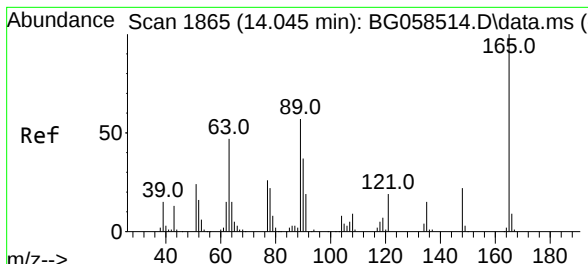
Tgt Ion:152 Resp: 595380
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 14.2 10.7 16.1



#50
Dimethylphthalate
Concen: 48.174 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:163 Resp: 489584
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.0 8.6 12.8

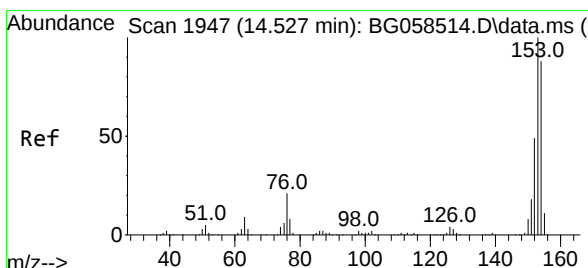
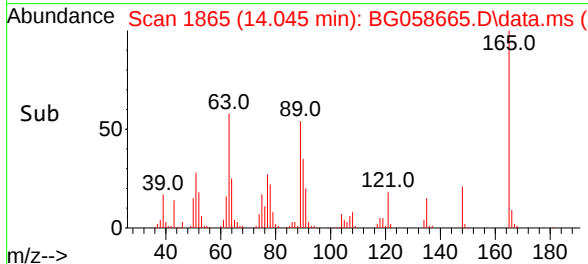
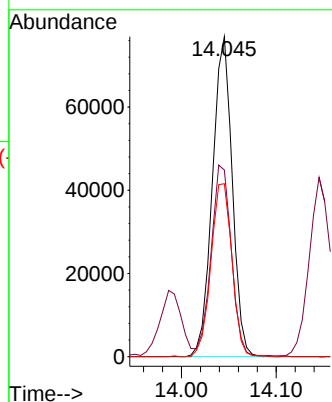
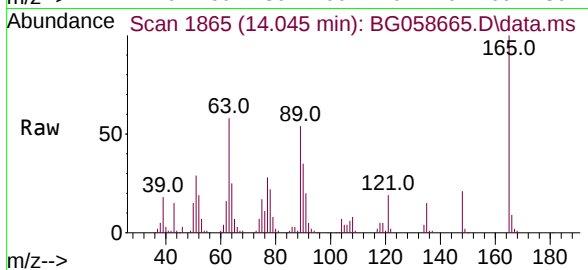




#51
2,6-Dinitrotoluene
Concen: 50.067 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

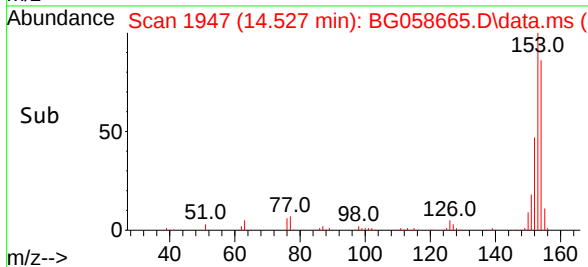
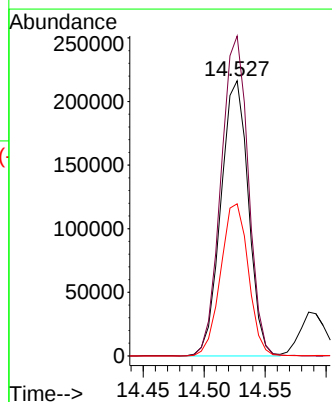
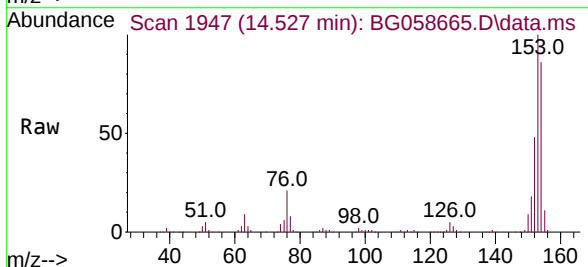
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

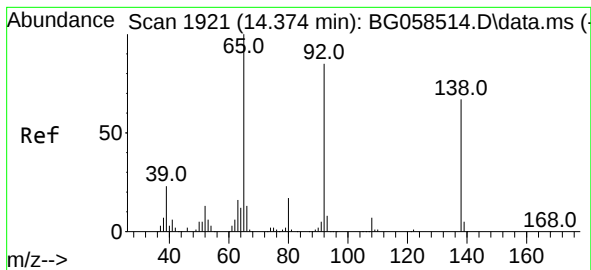
Tgt Ion:165 Resp: 111643
Ion Ratio Lower Upper
165 100
63 58.3 46.4 69.6
89 54.0 45.3 67.9



#52
Acenaphthene
Concen: 48.427 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:154 Resp: 339451
Ion Ratio Lower Upper
154 100
153 116.3 91.1 136.7
152 55.3 44.6 66.8





#53

3-Nitroaniline

Concen: 24.263 ng

RT: 14.374 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

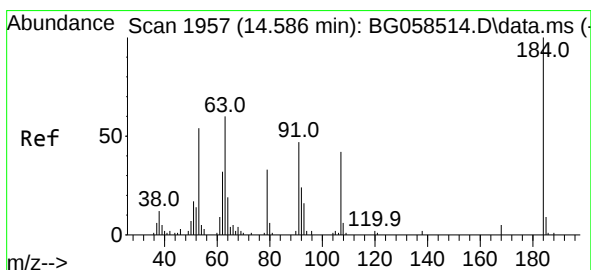
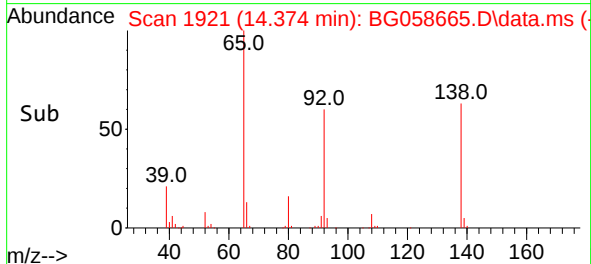
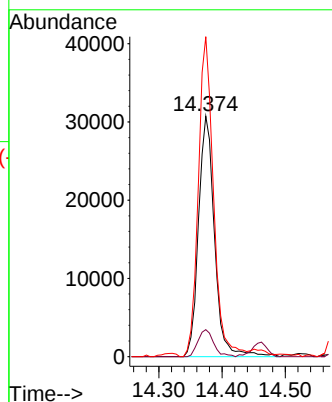
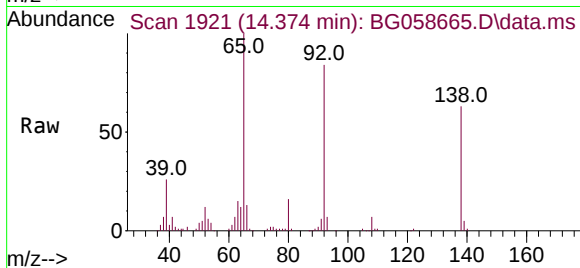
Tgt Ion:138 Resp: 54130

Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

92 133.1 101.1 151.7



#54

2,4-Dinitrophenol

Concen: 78.708 ng

RT: 14.586 min Scan# 1957

Delta R.T. -0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

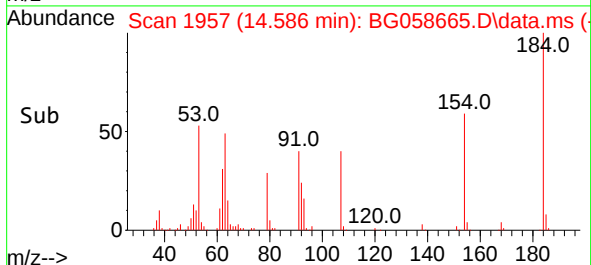
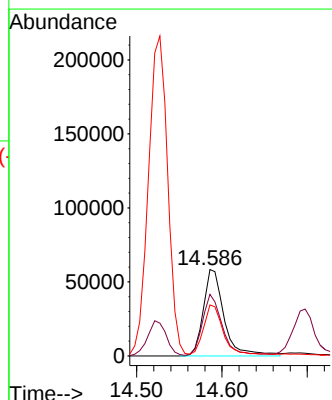
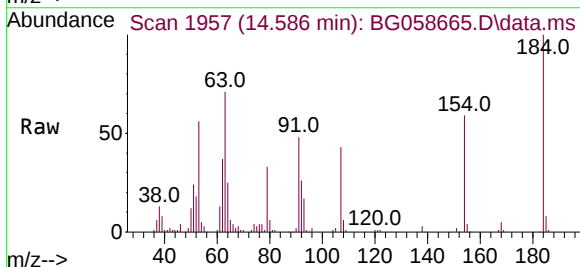
Tgt Ion:184 Resp: 98771

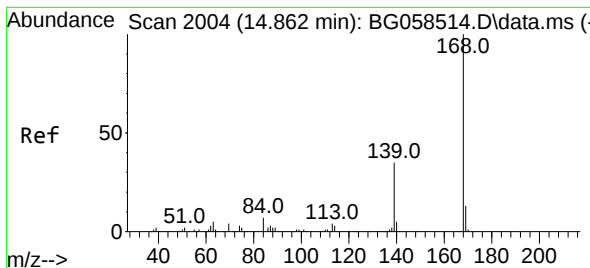
Ion Ratio Lower Upper

184 100

63 71.2 56.7 85.1

154 59.0 46.1 69.1





#55

Dibenzofuran

Concen: 48.133 ng

RT: 14.862 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

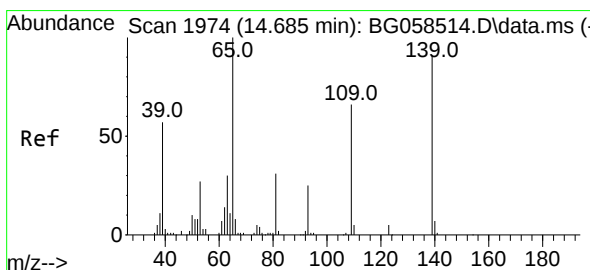
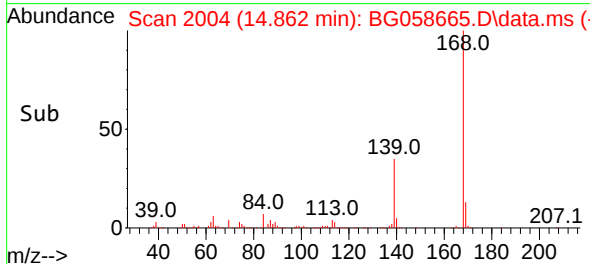
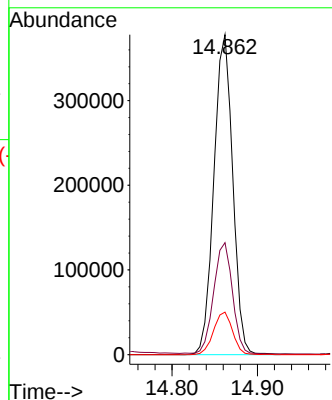
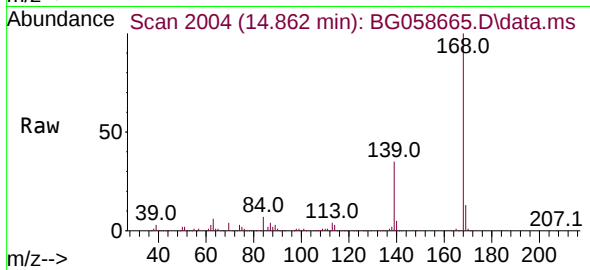
Tgt Ion:168 Resp: 579749

Ion Ratio Lower Upper

168 100

139 35.0 27.8 41.8

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 99.679 ng

RT: 14.697 min Scan# 1976

Delta R.T. 0.012 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

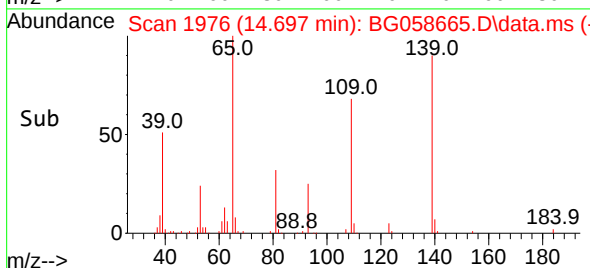
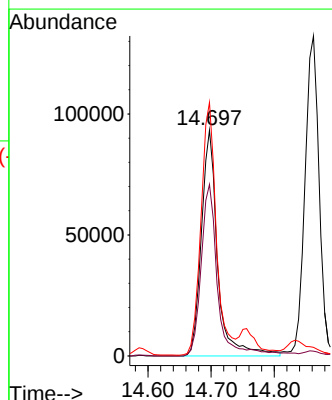
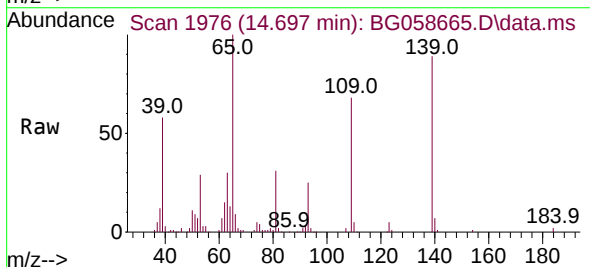
Tgt Ion:139 Resp: 166195

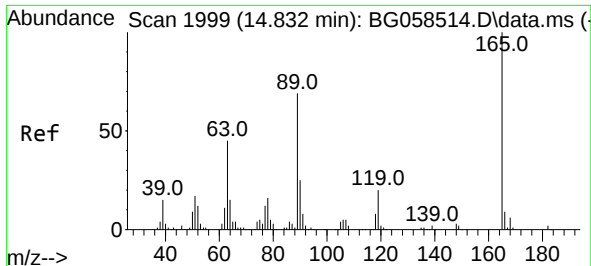
Ion Ratio Lower Upper

139 100

109 76.0 52.5 92.5

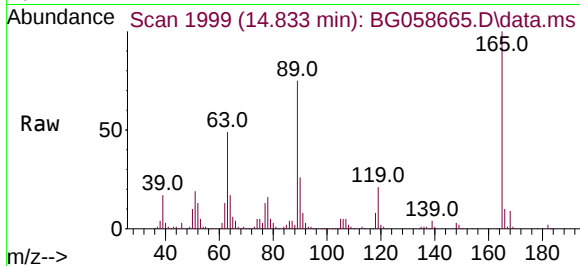
65 112.3 90.5 130.5



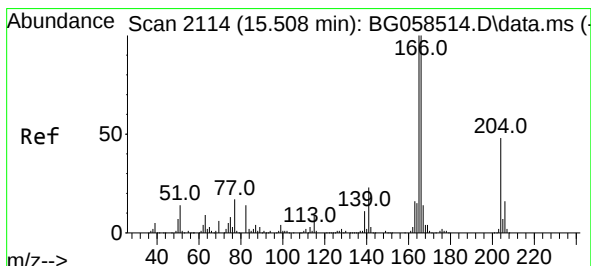
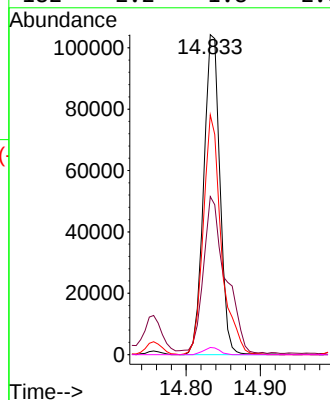
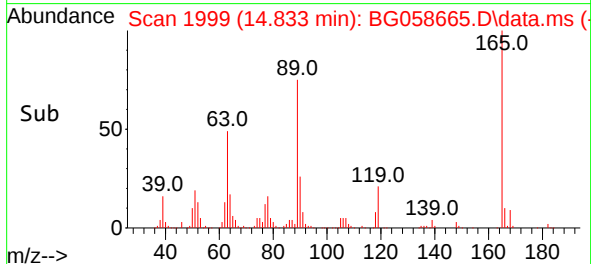


#57
2,4-Dinitrotoluene
Concen: 51.220 ng
RT: 14.833 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

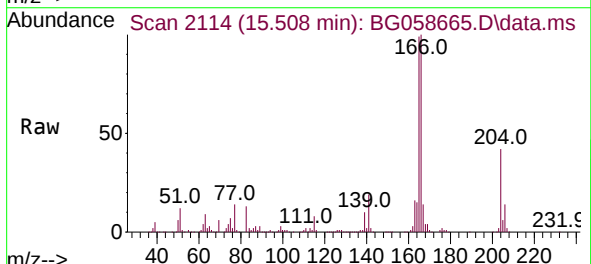
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD



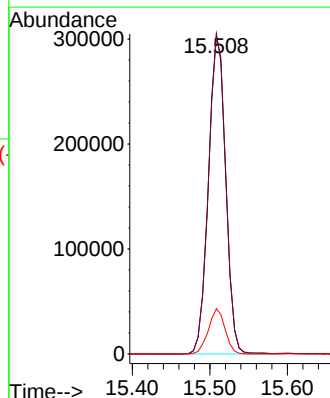
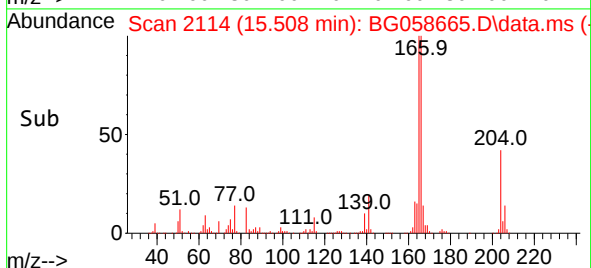
Tgt Ion:165 Resp: 158345
Ion Ratio Lower Upper
165 100
63 49.4 36.6 54.8
89 74.9 55.4 83.0
182 2.2 1.8 2.6

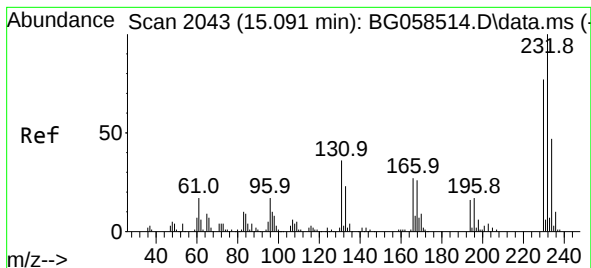


#58
Fluorene
Concen: 48.812 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21



Tgt Ion:166 Resp: 467050
Ion Ratio Lower Upper
166 100
165 99.5 80.0 120.0
167 14.1 11.3 16.9

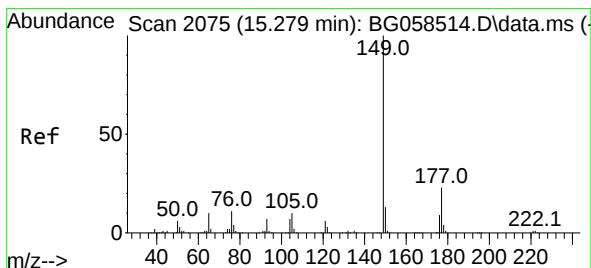
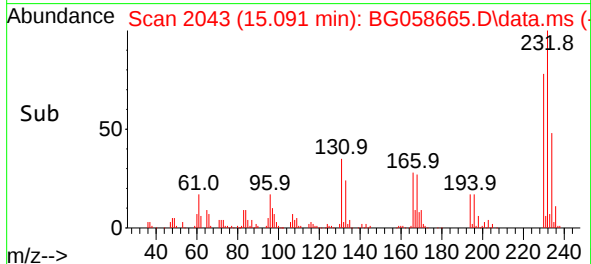
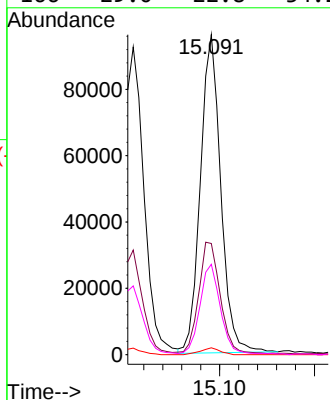
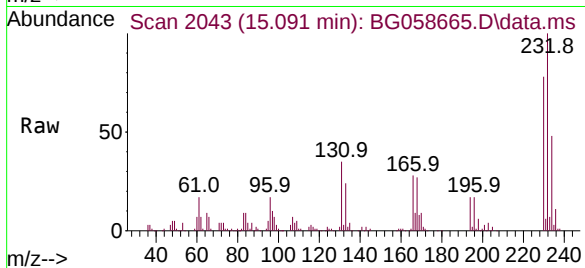




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.020 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

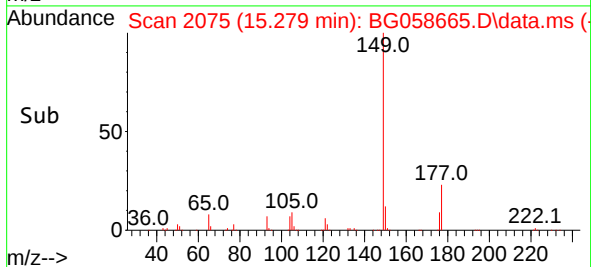
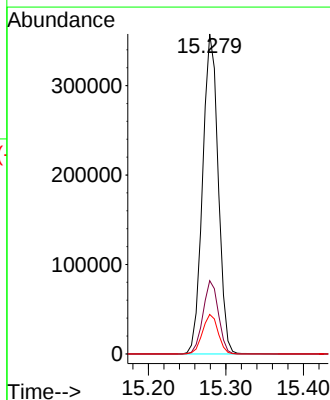
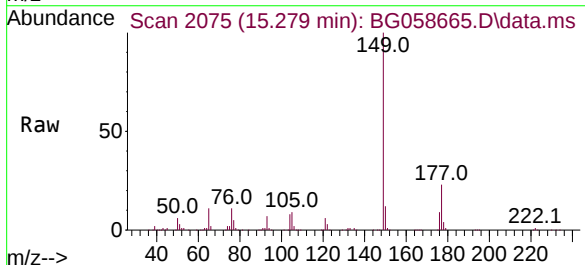
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

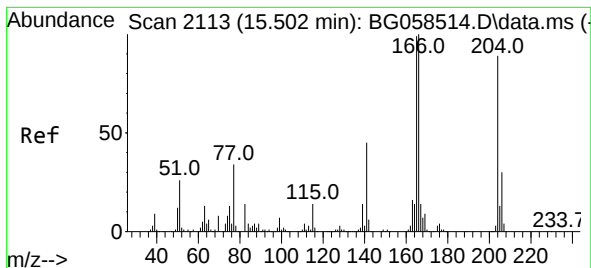
Tgt Ion:232 Resp: 143655
Ion Ratio Lower Upper
232 100
131 37.0 30.0 45.0
130 2.0 1.5 2.3
166 29.0 22.8 34.2



#60
Diethylphthalate
Concen: 48.122 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:149 Resp: 498225
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.3 10.2 15.4

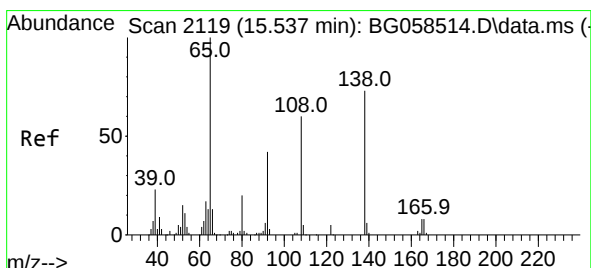
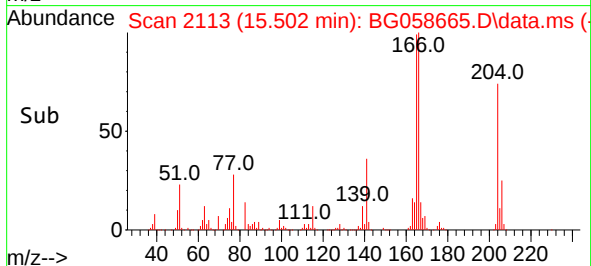
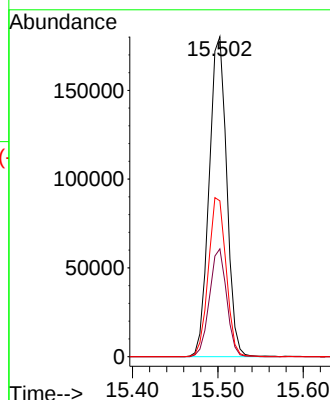
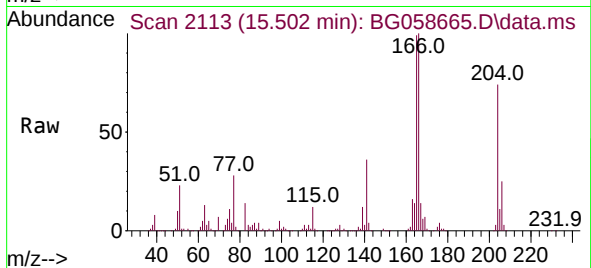




#61
4-Chlorophenyl-phenylether
Concen: 48.287 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

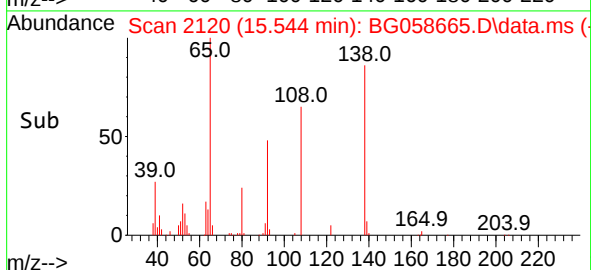
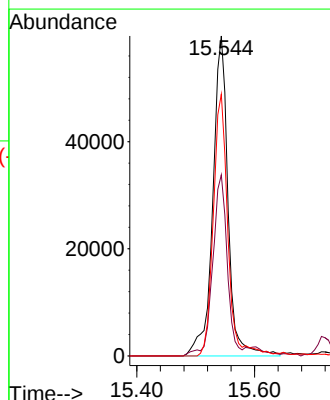
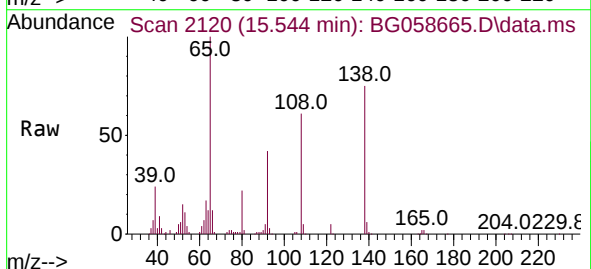
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

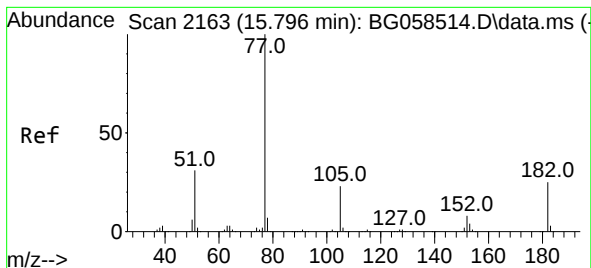
Tgt Ion:204 Resp: 257587
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 48.7 40.8 61.2



#62
4-Nitroaniline
Concen: 50.927 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:138 Resp: 107629
Ion Ratio Lower Upper
138 100
92 56.6 37.3 77.3
108 81.8 62.6 102.6





#63

Azobenzene

Concen: 48.491 ng

RT: 15.796 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BG058665.D

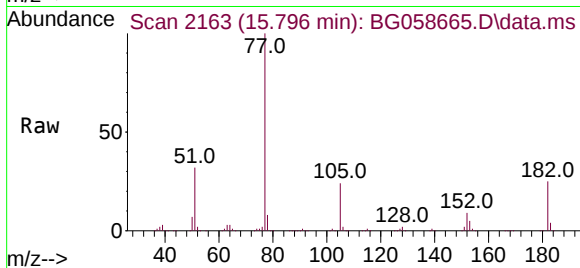
Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD



Tgt Ion: 77 Resp: 494495

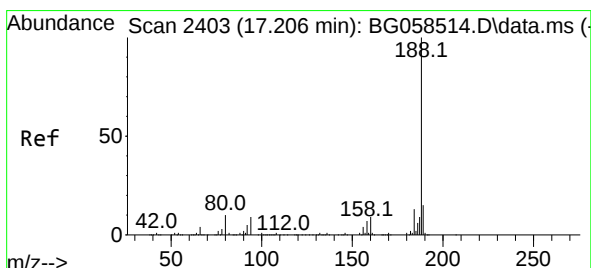
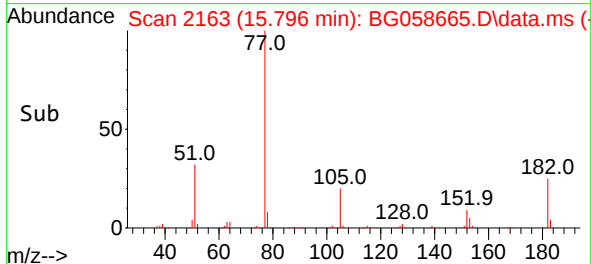
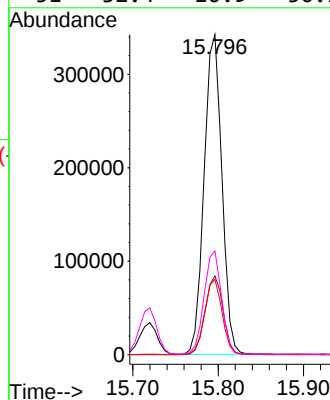
Ion Ratio Lower Upper

77 100

182 24.6 4.6 44.6

105 23.5 3.3 43.3

51 32.4 10.9 50.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

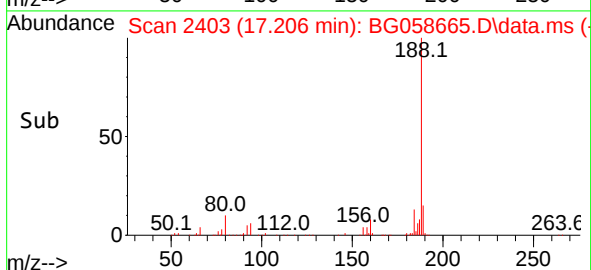
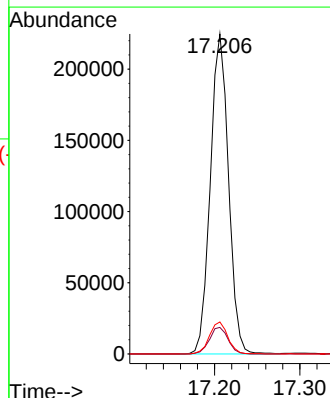
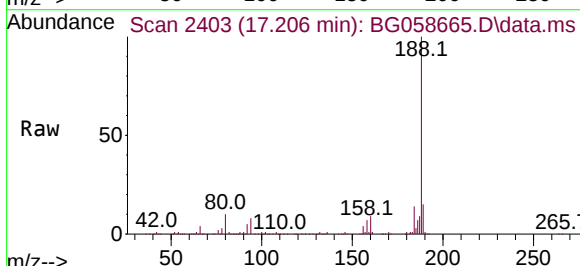
Tgt Ion:188 Resp: 332474

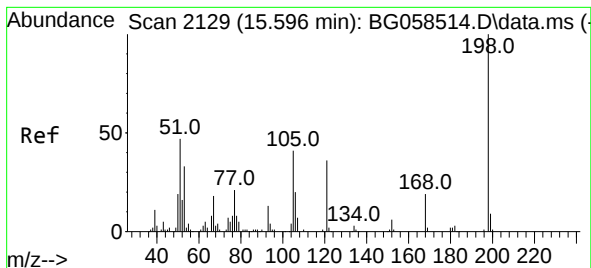
Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 10.0 8.1 12.1

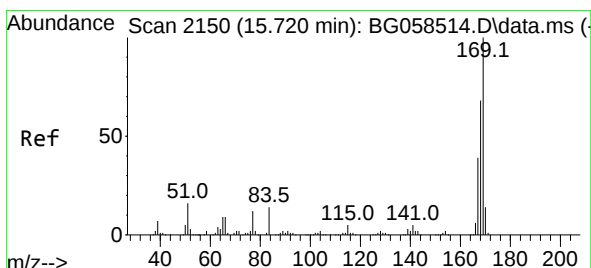
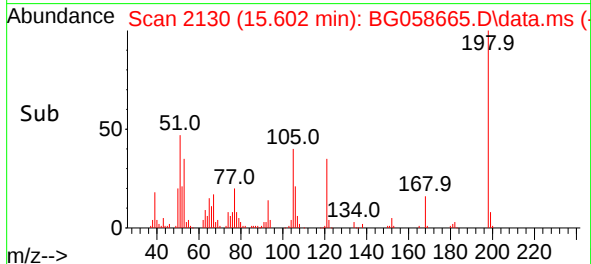
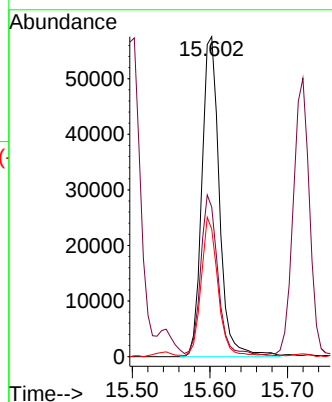
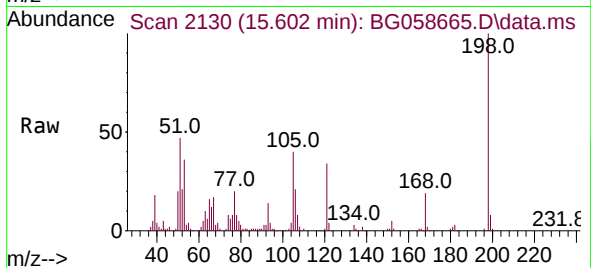




#65
4,6-Dinitro-2-methylphenol
Concen: 49.313 ng
RT: 15.602 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

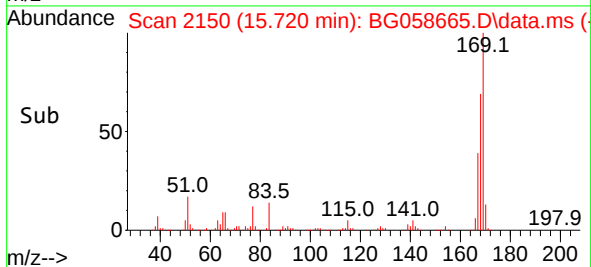
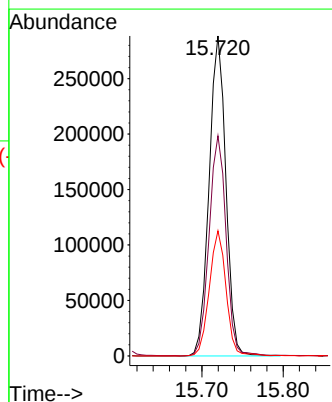
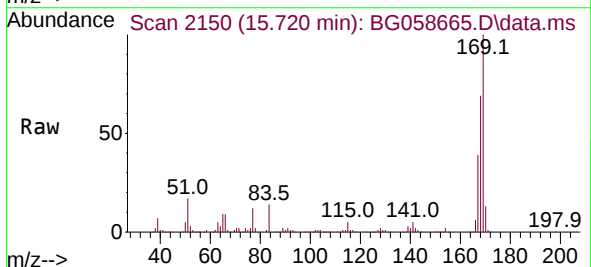
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

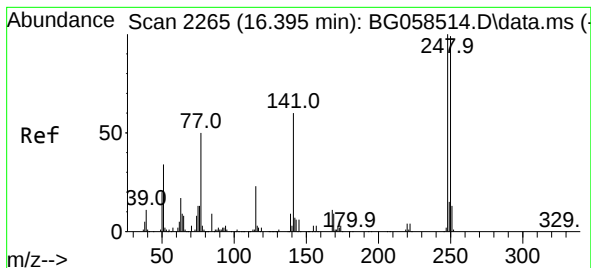
Tgt Ion:198 Resp: 90402
Ion Ratio Lower Upper
198 100
51 46.7 29.3 69.3
105 39.8 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 47.892 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:169 Resp: 414426
Ion Ratio Lower Upper
169 100
168 68.8 54.6 82.0
167 39.1 31.3 46.9

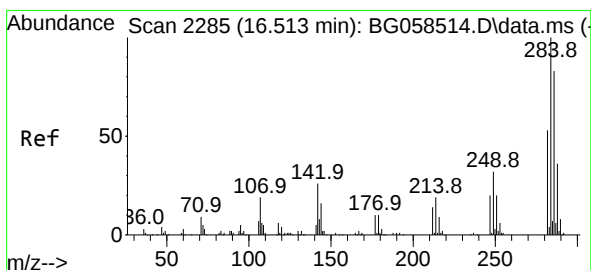
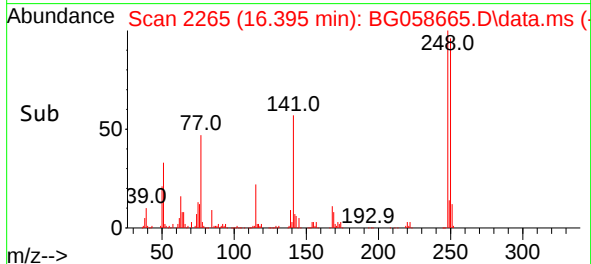
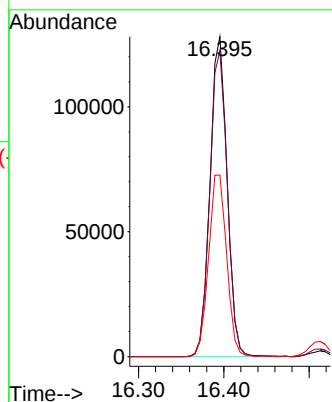
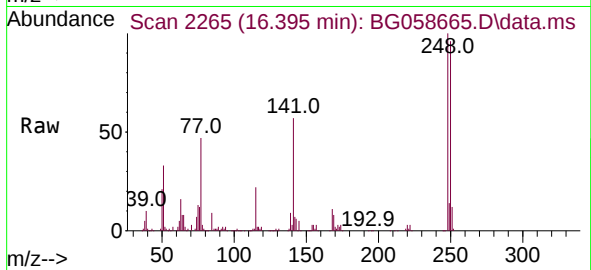




#67
4-Bromophenyl-phenylether
Concen: 47.340 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

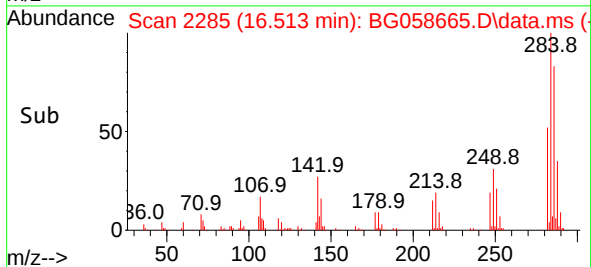
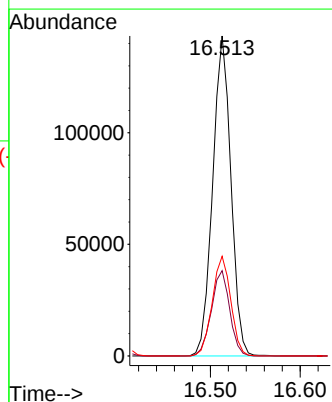
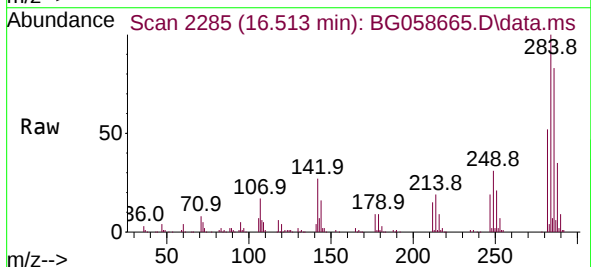
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

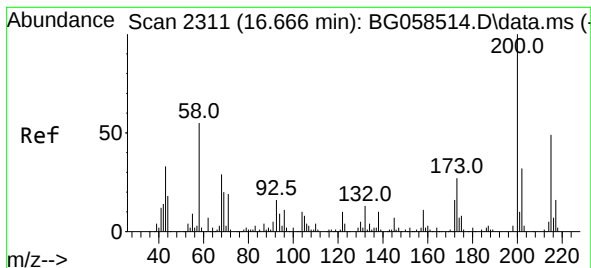
Tgt Ion:248 Resp: 178519
Ion Ratio Lower Upper
248 100
250 95.6 79.5 119.3
141 56.7 48.2 72.2



#68
Hexachlorobenzene
Concen: 50.875 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:284 Resp: 203294
Ion Ratio Lower Upper
284 100
142 26.6 21.0 31.4
249 31.1 25.5 38.3





#69

Atrazine

Concen: 58.144 ng

RT: 16.672 min Scan# 2311

Delta R.T. 0.006 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

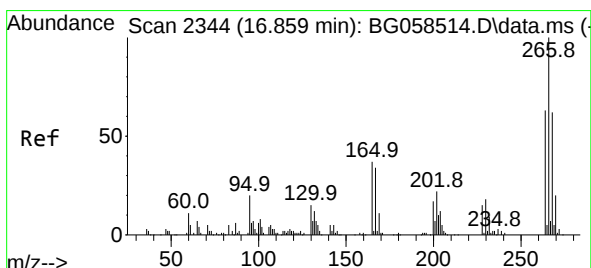
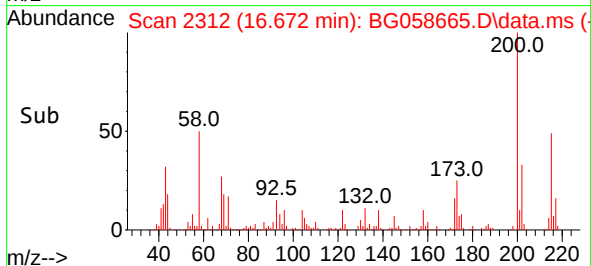
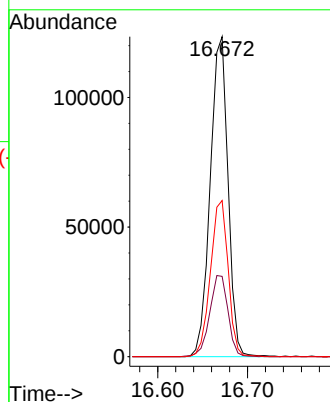
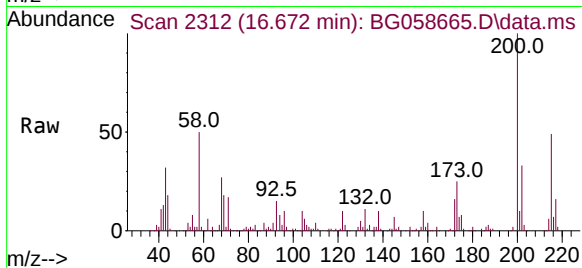
Tgt Ion:200 Resp: 169850

Ion Ratio Lower Upper

200 100

173 25.1 6.5 46.5

215 48.8 28.9 68.9



#70

Pentachlorophenol

Concen: 76.515 ng

RT: 16.860 min Scan# 2344

Delta R.T. 0.001 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

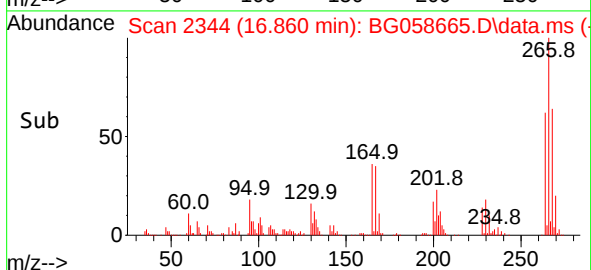
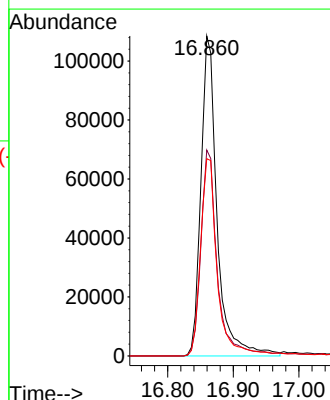
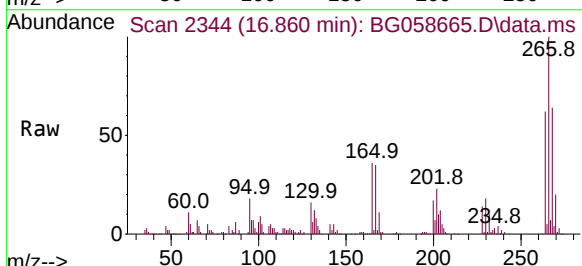
Tgt Ion:266 Resp: 185062

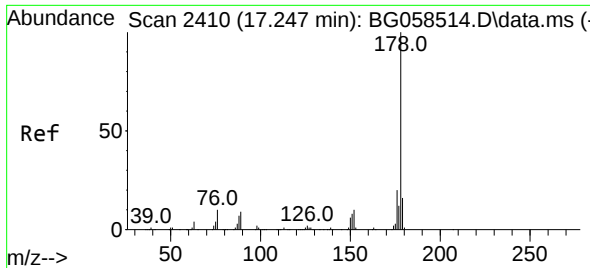
Ion Ratio Lower Upper

266 100

268 64.3 49.9 74.9

264 61.6 50.2 75.4

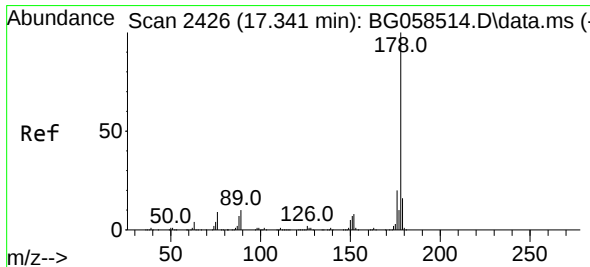
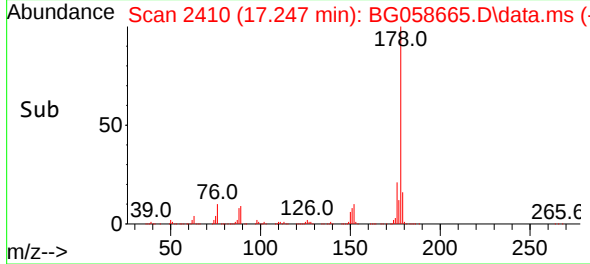
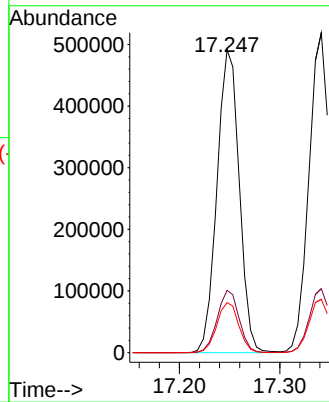
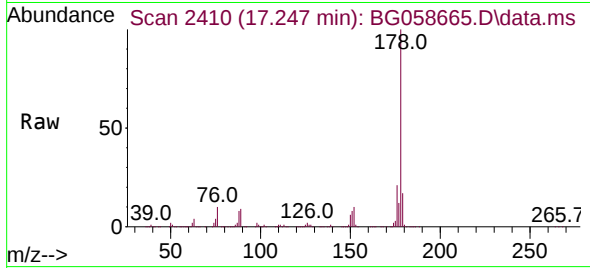




#71
Phenanthrene
Concen: 48.143 ng
RT: 17.247 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

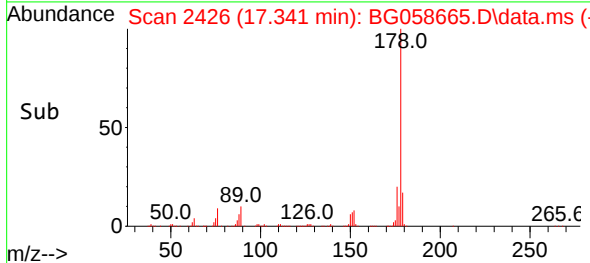
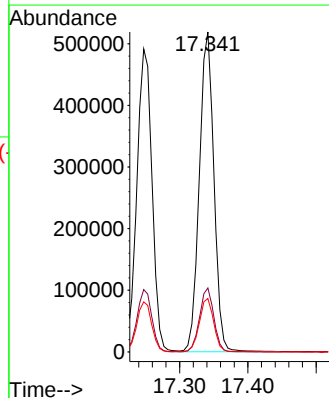
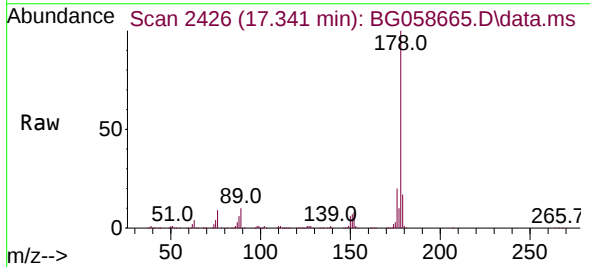
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

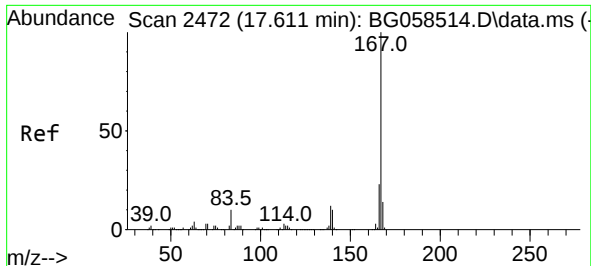
Tgt Ion:178 Resp: 759087
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.5 13.1 19.7



#72
Anthracene
Concen: 47.662 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:178 Resp: 771096
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.7 12.9 19.3



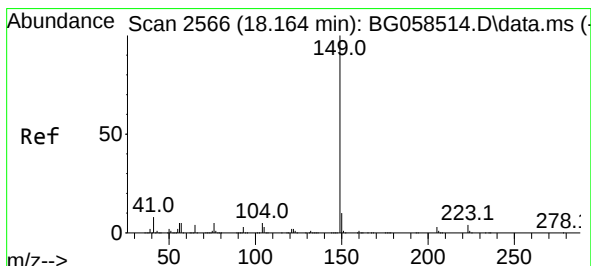
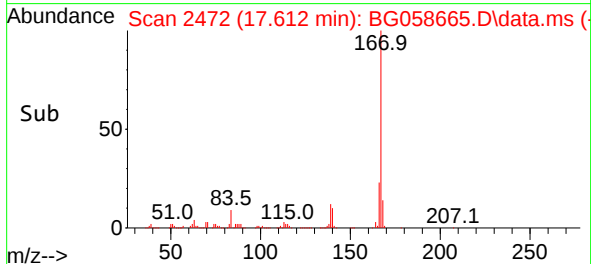
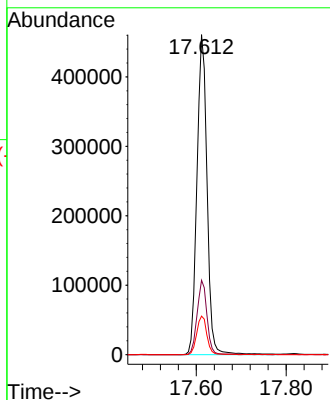
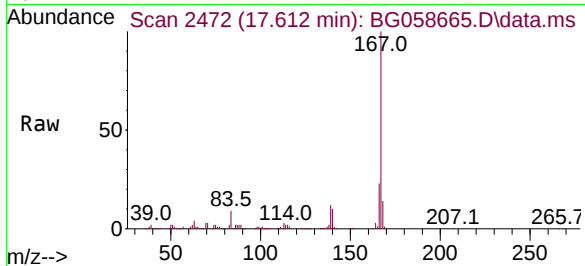


#73
 Carbazole
 Concen: 50.380 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MSD

Tgt Ion:167 Resp: 718760

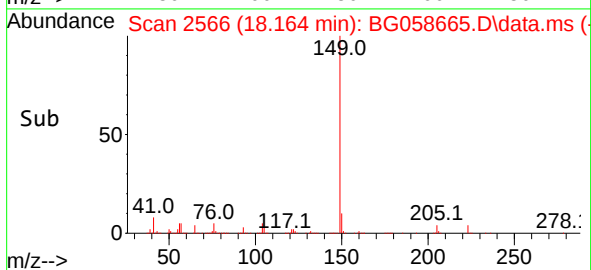
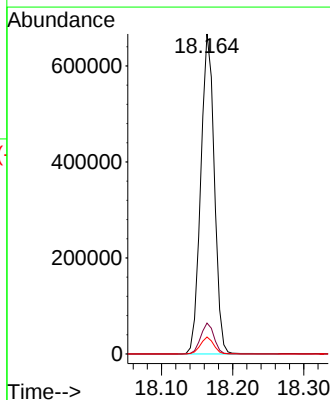
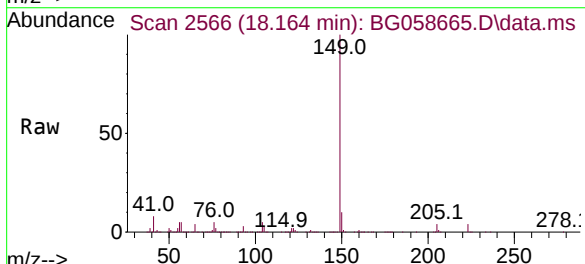
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	12.0	10.0	15.0

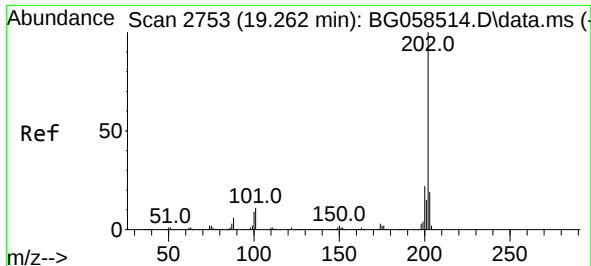


#74
 Di-n-butylphthalate
 Concen: 49.170 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Tgt Ion:149 Resp: 878652

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.3	4.0	6.0

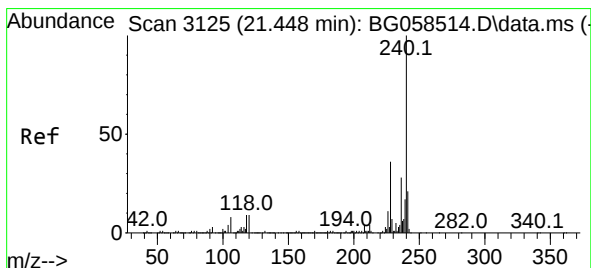
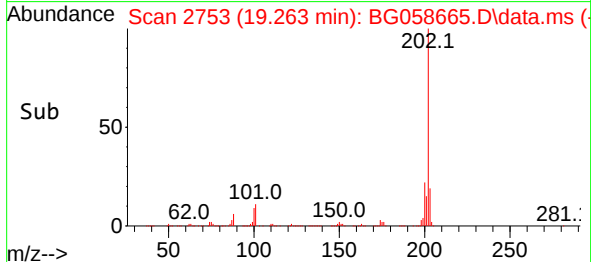
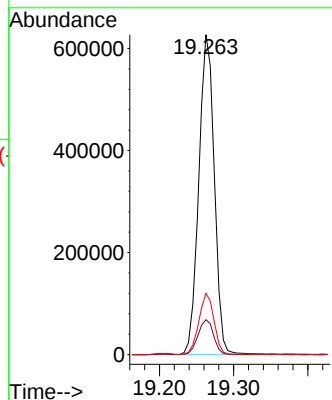
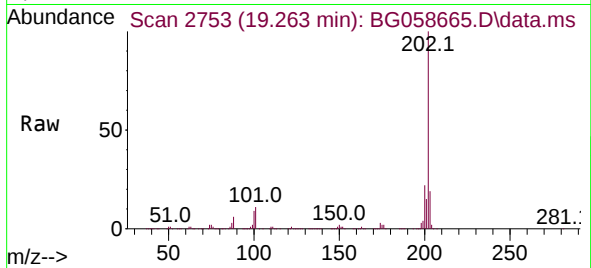




#75
Fluoranthene
Concen: 47.976 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

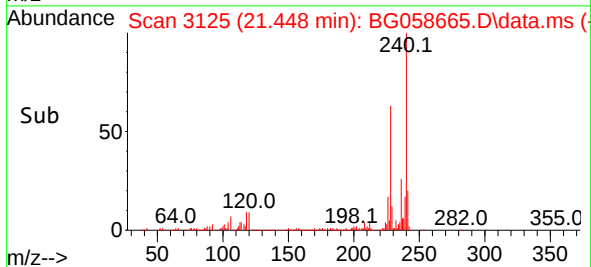
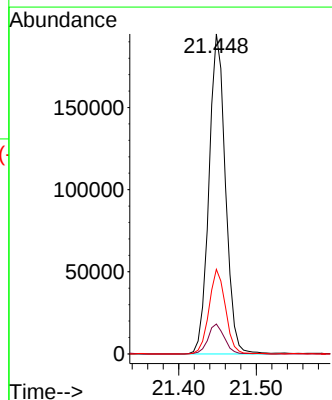
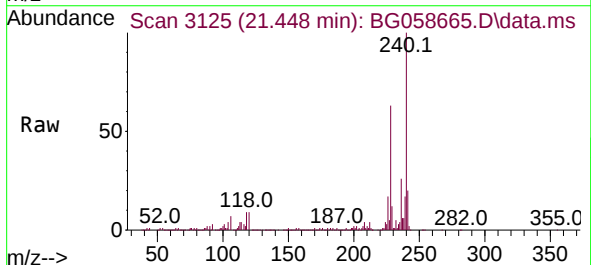
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

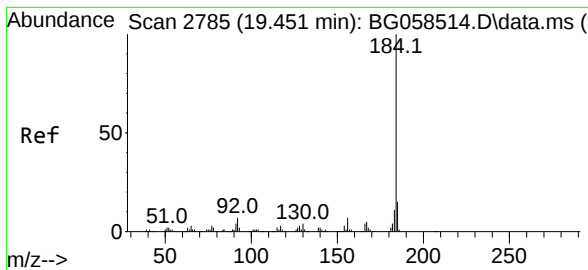
Tgt Ion:202 Resp: 908660
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 19.2 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:240 Resp: 287504
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.4 22.2 33.4





#77

Benzidine

Concen: 59.025 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

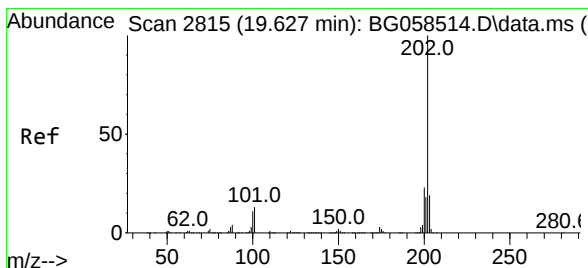
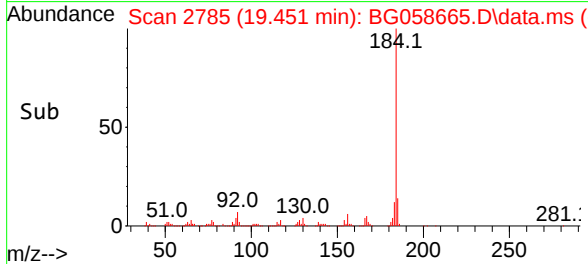
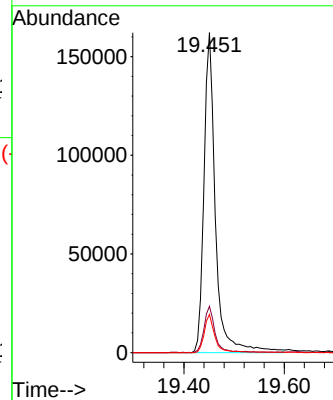
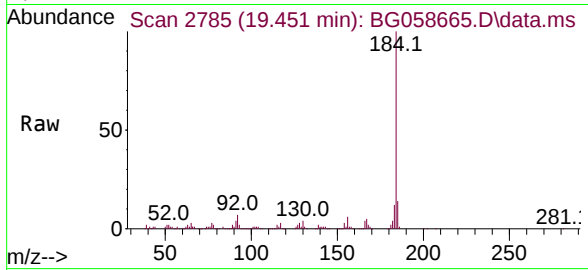
Tgt Ion:184 Resp: 257331

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.9 8.7 13.1



#78

Pyrene

Concen: 47.867 ng

RT: 19.627 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

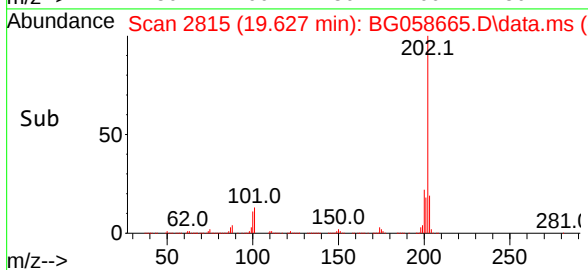
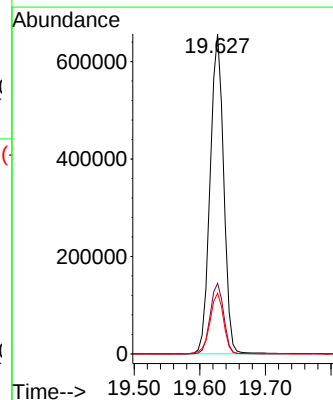
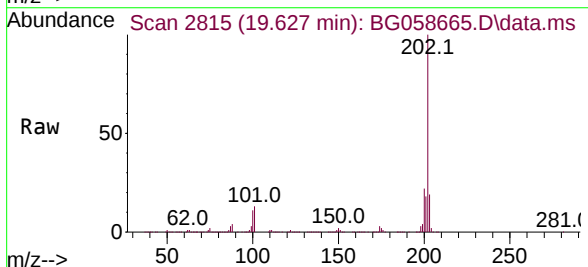
Tgt Ion:202 Resp: 936579

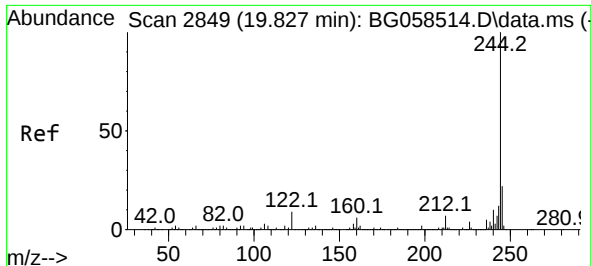
Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.2

203 18.9 15.1 22.7

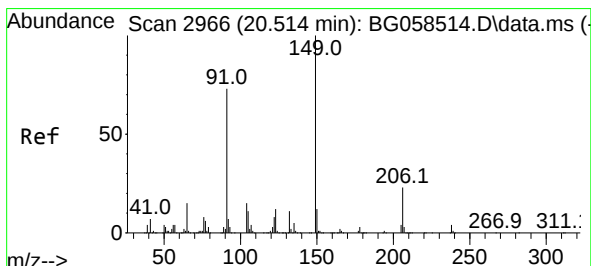
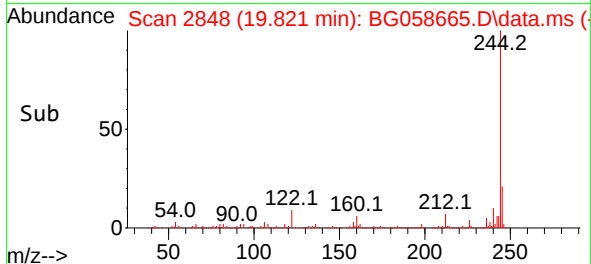
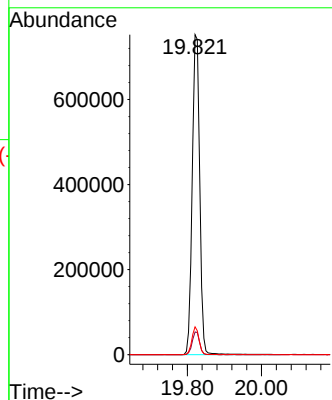
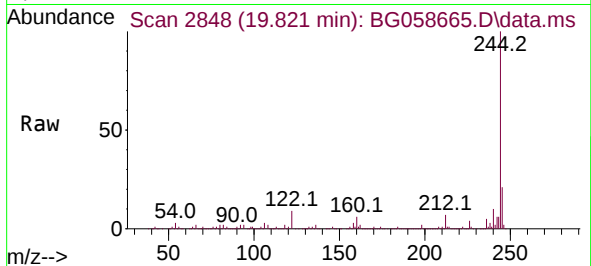




#79
 Terphenyl-d14
 Concen: 68.592 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

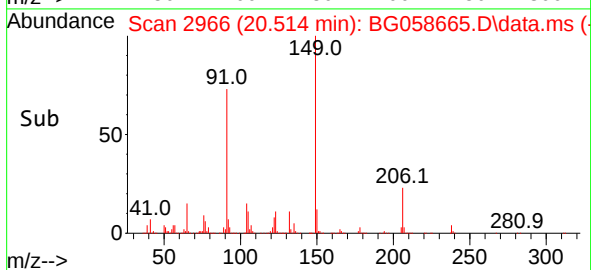
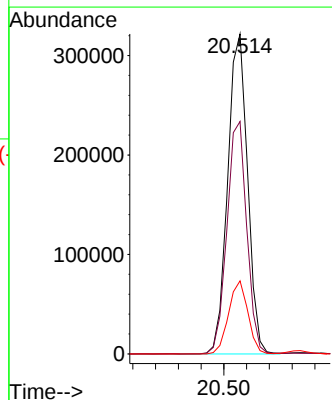
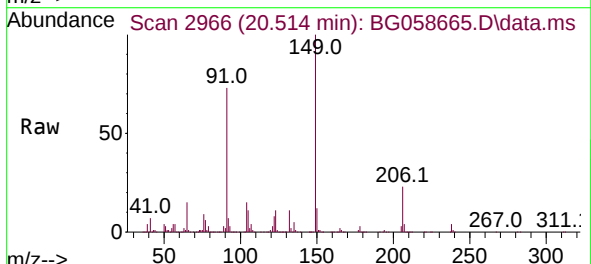
Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MSD

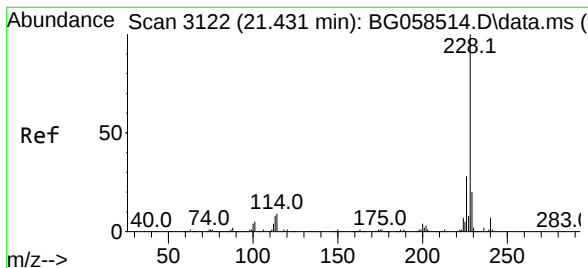
Tgt Ion:244 Resp: 1048661
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.7 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 48.512 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Tgt Ion:149 Resp: 389888
 Ion Ratio Lower Upper
 149 100
 91 72.6 58.4 87.6
 206 22.8 18.3 27.5





#81

Benzo(a)anthracene

Concen: 48.647 ng

RT: 21.431 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

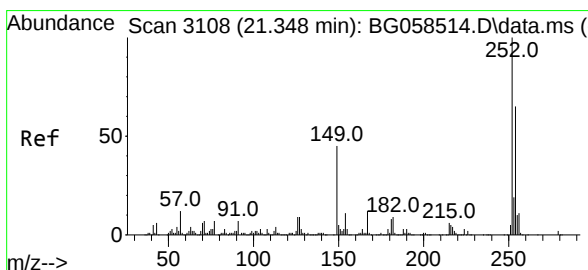
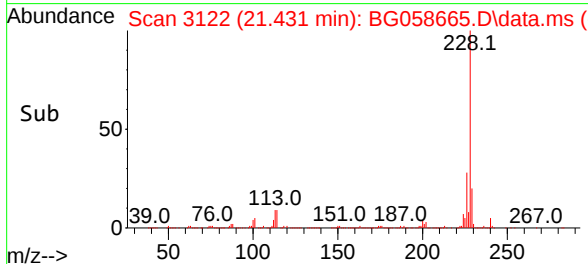
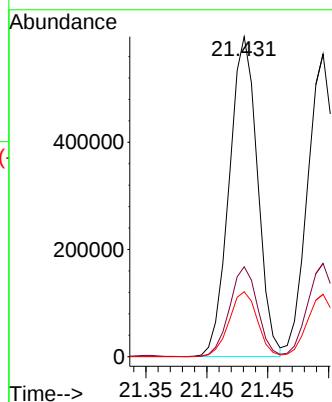
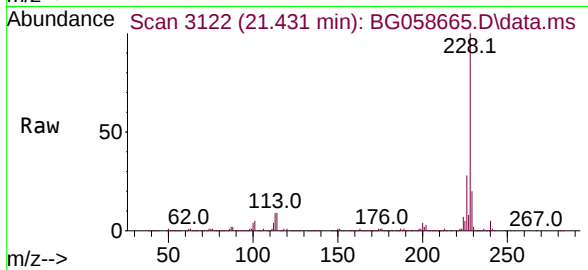
Tgt Ion:228 Resp: 962517

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 29.163 ng

RT: 21.348 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

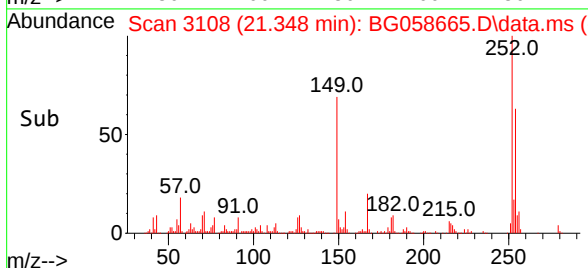
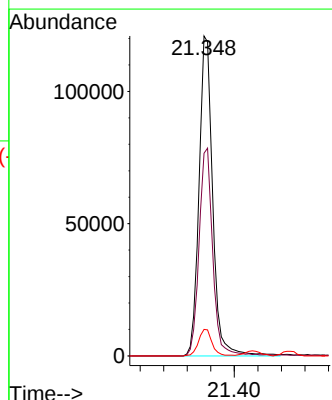
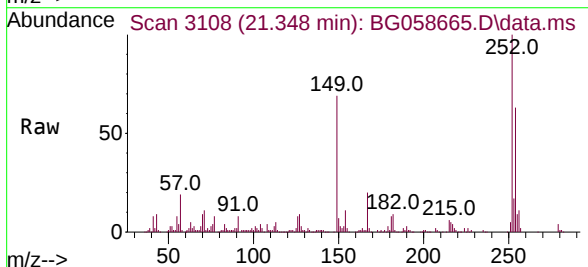
Tgt Ion:252 Resp: 195095

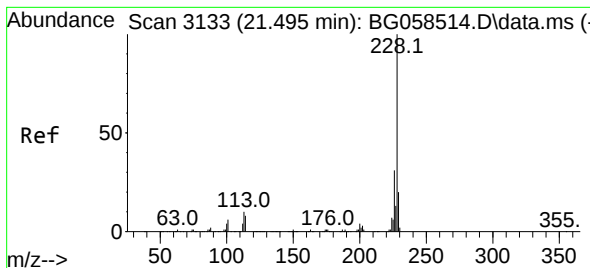
Ion Ratio Lower Upper

252 100

254 63.3 52.2 78.4

126 8.3 7.2 10.8





#83

Chrysene

Concen: 47.357 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

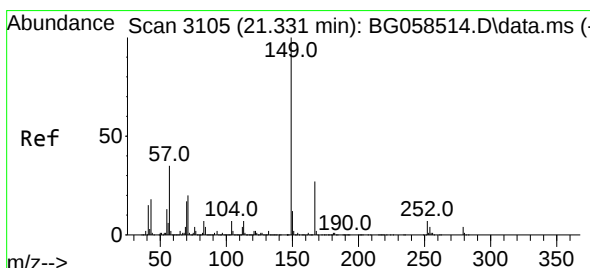
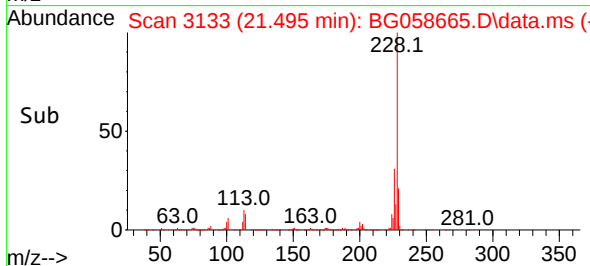
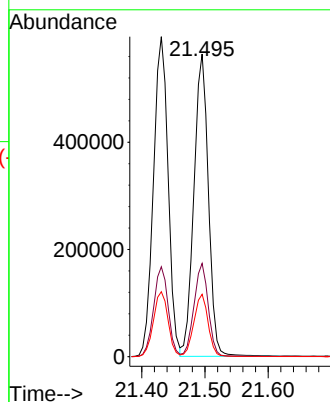
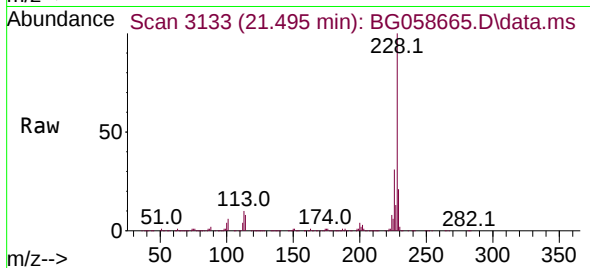
Tgt Ion:228 Resp: 898376

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.148 ng

RT: 21.331 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

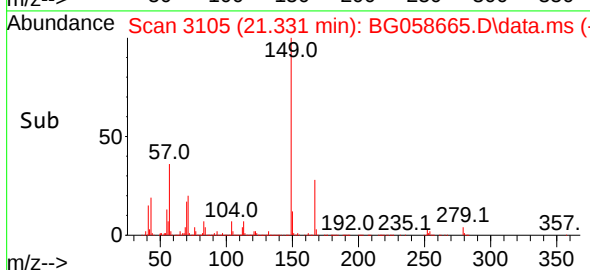
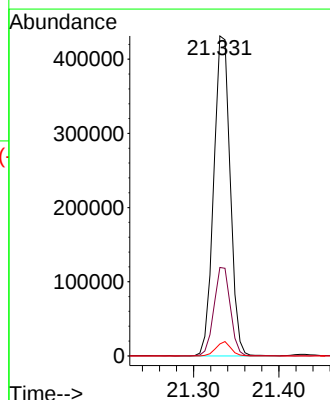
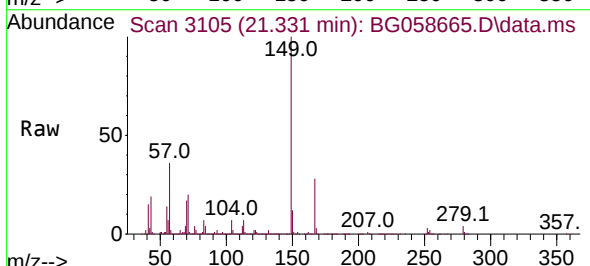
Tgt Ion:149 Resp: 577235

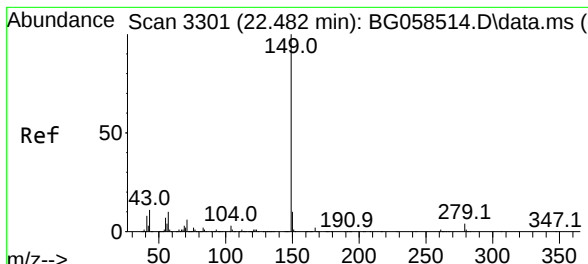
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 3.7 2.9 4.3



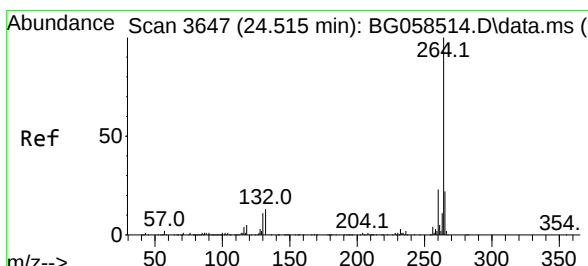
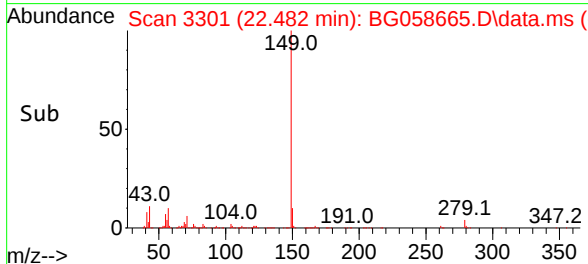
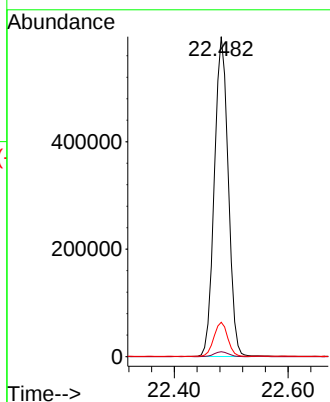
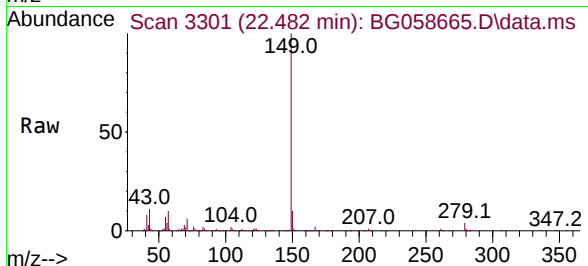


#85
 Di-n-octyl phthalate
 Concen: 48.829 ng
 RT: 22.482 min Scan# 3301
 Delta R.T. 0.000 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747MSD

Tgt Ion:149 Resp: 1008249

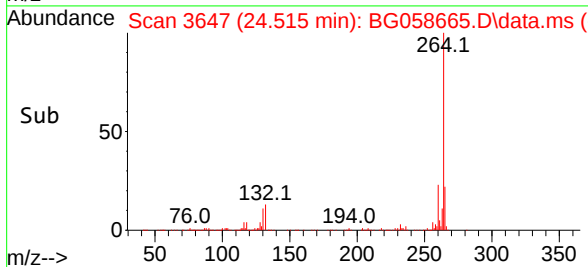
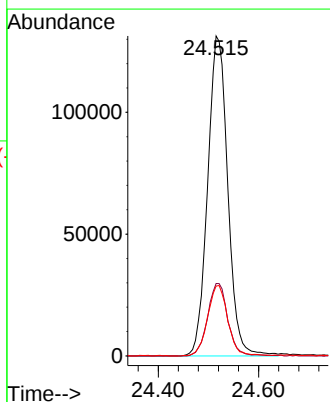
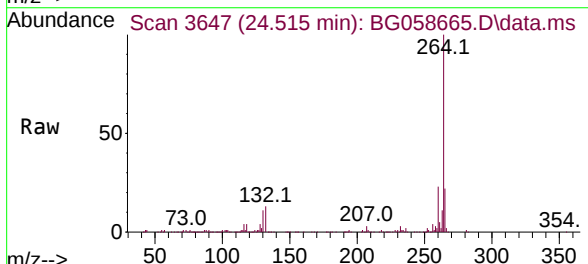
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	8.2	12.2

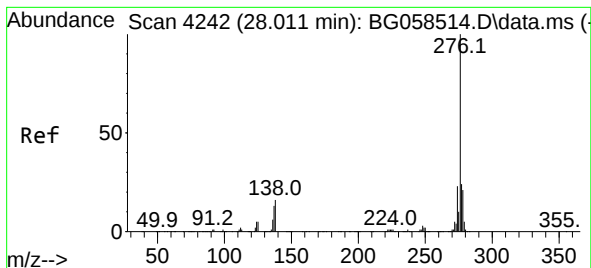


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 3647
 Delta R.T. 0.000 min
 Lab File: BG058665.D
 Acq: 9 Aug 2023 19:21

Tgt Ion:264 Resp: 365544

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.8	17.9	26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.656 ng

RT: 28.017 min Scan# 4243

Delta R.T. 0.006 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747MSD

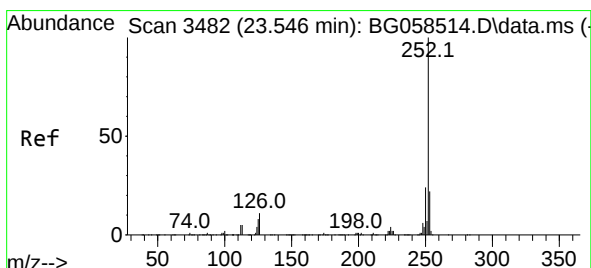
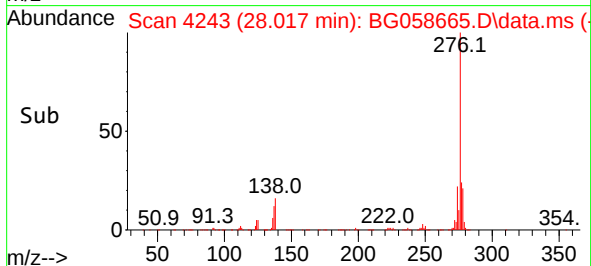
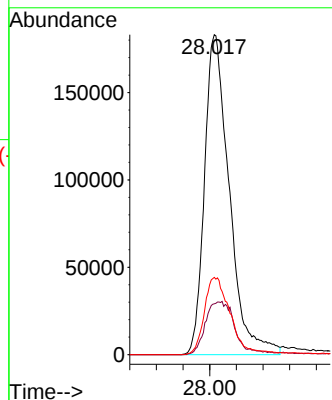
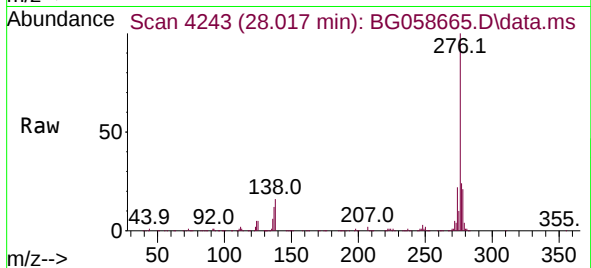
Tgt Ion:276 Resp: 1183232

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.829 ng

RT: 23.546 min Scan# 3482

Delta R.T. 0.000 min

Lab File: BG058665.D

Acq: 9 Aug 2023 19:21

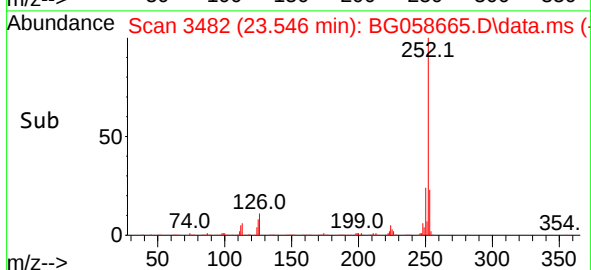
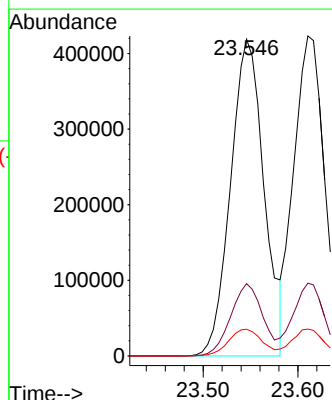
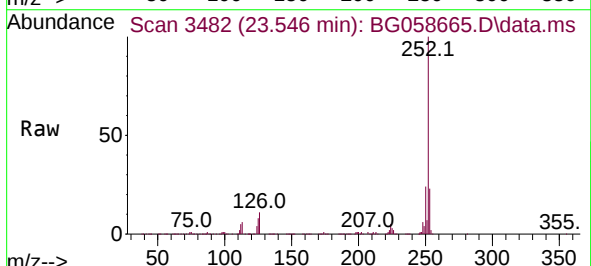
Tgt Ion:252 Resp: 1027585

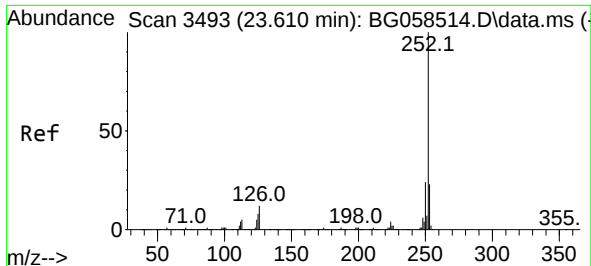
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 8.4 6.6 9.8

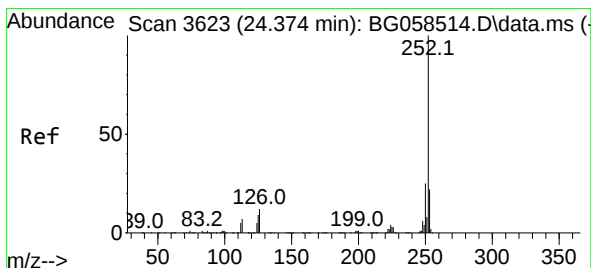
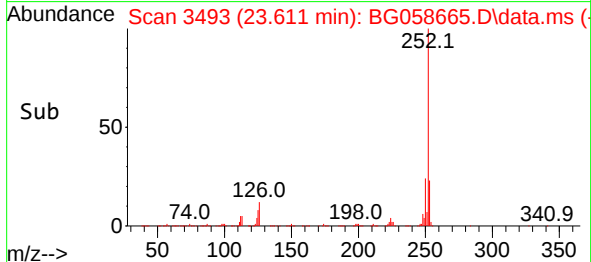
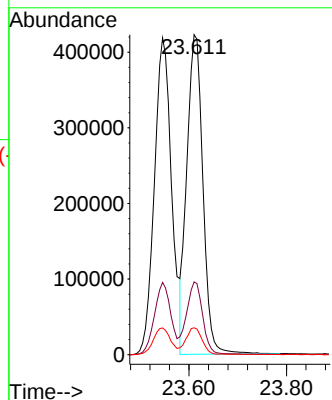
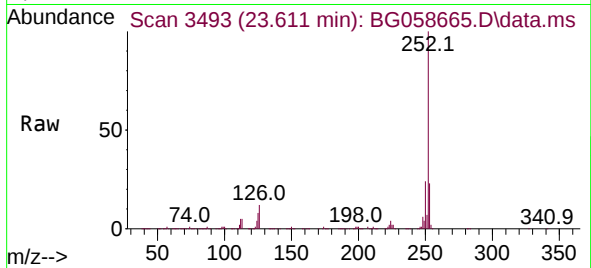




#89
Benzo(k)fluoranthene
Concen: 48.682 ng
RT: 23.611 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

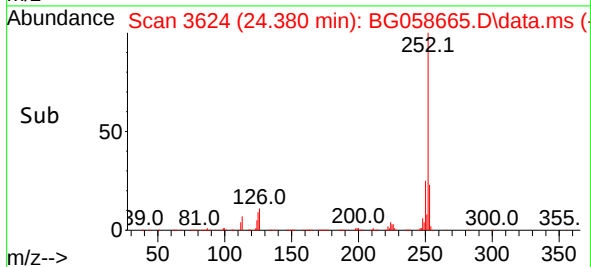
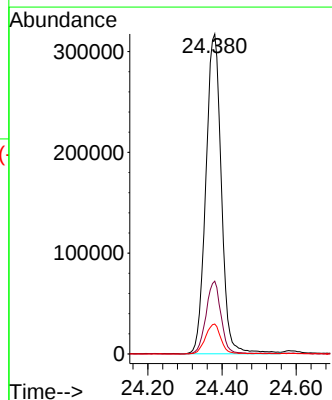
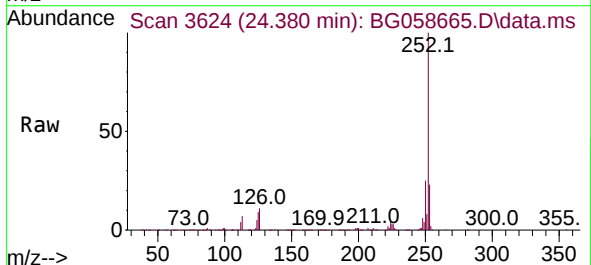
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

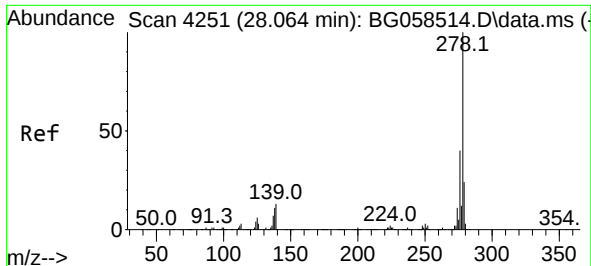
Tgt Ion:252 Resp: 969620
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.4 6.6 10.0



#90
Benzo(a)pyrene
Concen: 47.179 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:252 Resp: 918609
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.3 7.4 11.2

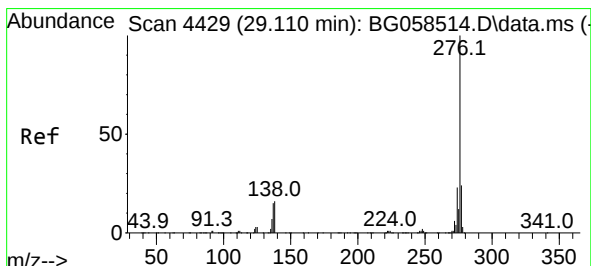
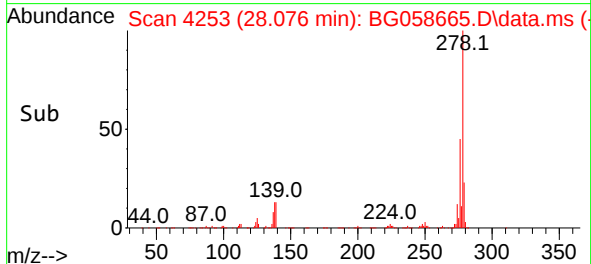
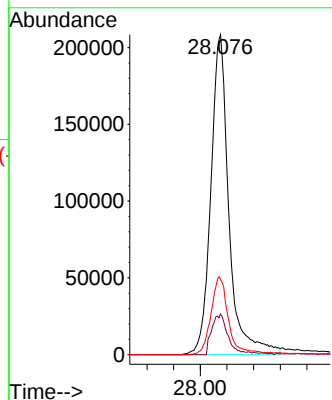
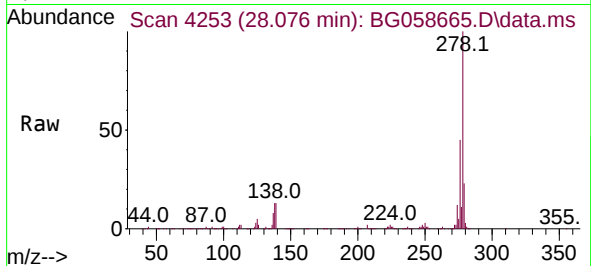




#91
Dibenzo(a,h)anthracene
Concen: 48.760 ng
RT: 28.076 min Scan# 4253
Delta R.T. 0.012 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

Tgt Ion:278 Resp: 980471
Ion Ratio Lower Upper
278 100
139 12.7 10.4 15.6
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 46.834 ng
RT: 29.110 min Scan# 4429
Delta R.T. 0.000 min
Lab File: BG058665.D
Acq: 9 Aug 2023 19:21

Tgt Ion:276 Resp: 944326
Ion Ratio Lower Upper
276 100
277 25.3 18.9 28.3
138 16.9 13.0 19.4

