

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058553.D
 Acq On : 1 Aug 2023 8:23
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 01 09:10:24 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	7.813	152	48505	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	199984	20.000	ng	0.00
39) Acenaphthene-d10	14.464	164	138190	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	335504	20.000	ng	0.00
76) Chrysene-d12	21.450	240	300369	20.000	ng	0.00
86) Perylene-d12	24.523	264	387535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	257033	80.995	ng	0.00
7) Phenol-d6	6.985	99	365621	82.798	ng	0.00
23) Nitrobenzene-d5	8.977	82	330690	81.233	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	177173	78.221	ng	0.00
45) 2-Fluorobiphenyl	13.084	172	725806	78.710	ng	0.00
79) Terphenyl-d14	19.829	244	1296977	81.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.272	88	61808	40.193	ng	98
3) Pyridine	3.665	79	172329	41.104	ng	98
4) n-Nitrosodimethylamine	3.589	42	72777	40.969	ng	96
6) Aniline	7.138	93	227629	41.869	ng	99
8) 2-Chlorophenol	7.379	128	127722	41.025	ng	96
9) Benzaldehyde	6.950	77	94136	39.238	ng	98
10) Phenol	7.014	94	178227	41.318	ng	96
11) bis(2-Chloroethyl)ether	7.238	93	136417	40.115	ng	99
12) 1,3-Dichlorobenzene	7.702	146	133130	40.047	ng	98
13) 1,4-Dichlorobenzene	7.849	146	134720	40.360	ng	97
14) 1,2-Dichlorobenzene	8.166	146	128037	40.120	ng	98
15) Benzyl Alcohol	8.054	79	119592	42.705	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.342	45	221873	40.165	ng	99
17) 2-Methylphenol	8.260	107	128838	40.849	ng	98
18) Hexachloroethane	8.894	117	47681	39.300	ng	96
19) n-Nitroso-di-n-propyla...	8.618	70	117037	41.033	ng	98
20) 3+4-Methylphenols	8.589	107	181993	42.659	ng	98
22) Acetophenone	8.636	105	221941	41.447	ng	# 99
24) Nitrobenzene	9.024	77	167010	40.354	ng	98
25) Isophorone	9.541	82	343858	40.881	ng	98
26) 2-Nitrophenol	9.729	139	72790	40.405	ng	99
27) 2,4-Dimethylphenol	9.793	122	122387	40.956	ng	99
28) bis(2-Chloroethoxy)met...	10.023	93	187315	40.921	ng	98
29) 2,4-Dichlorophenol	10.269	162	126711	40.839	ng	97
30) 1,2,4-Trichlorobenzene	10.481	180	140141	39.166	ng	97
31) Naphthalene	10.669	128	424005	40.227	ng	100
32) Benzoic acid	9.940	122	88958	39.851	ng	99
33) 4-Chloroaniline	10.780	127	188737	42.381	ng	99
34) Hexachlorobutadiene	10.945	225	89042	38.641	ng	98
35) Caprolactam	11.556	113	50706	44.256	ng	99
36) 4-Chloro-3-methylphenol	11.914	107	155298	40.462	ng	99
37) 2-Methylnaphthalene	12.279	142	303795	40.293	ng	99
38) 1-Methylnaphthalene	12.502	142	287532	40.119	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	166360	39.212	ng	100
41) Hexachlorocyclopentadiene	12.625	237	67565	38.180	ng	95
43) 2,4,6-Trichlorophenol	12.896	196	116181	39.814	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
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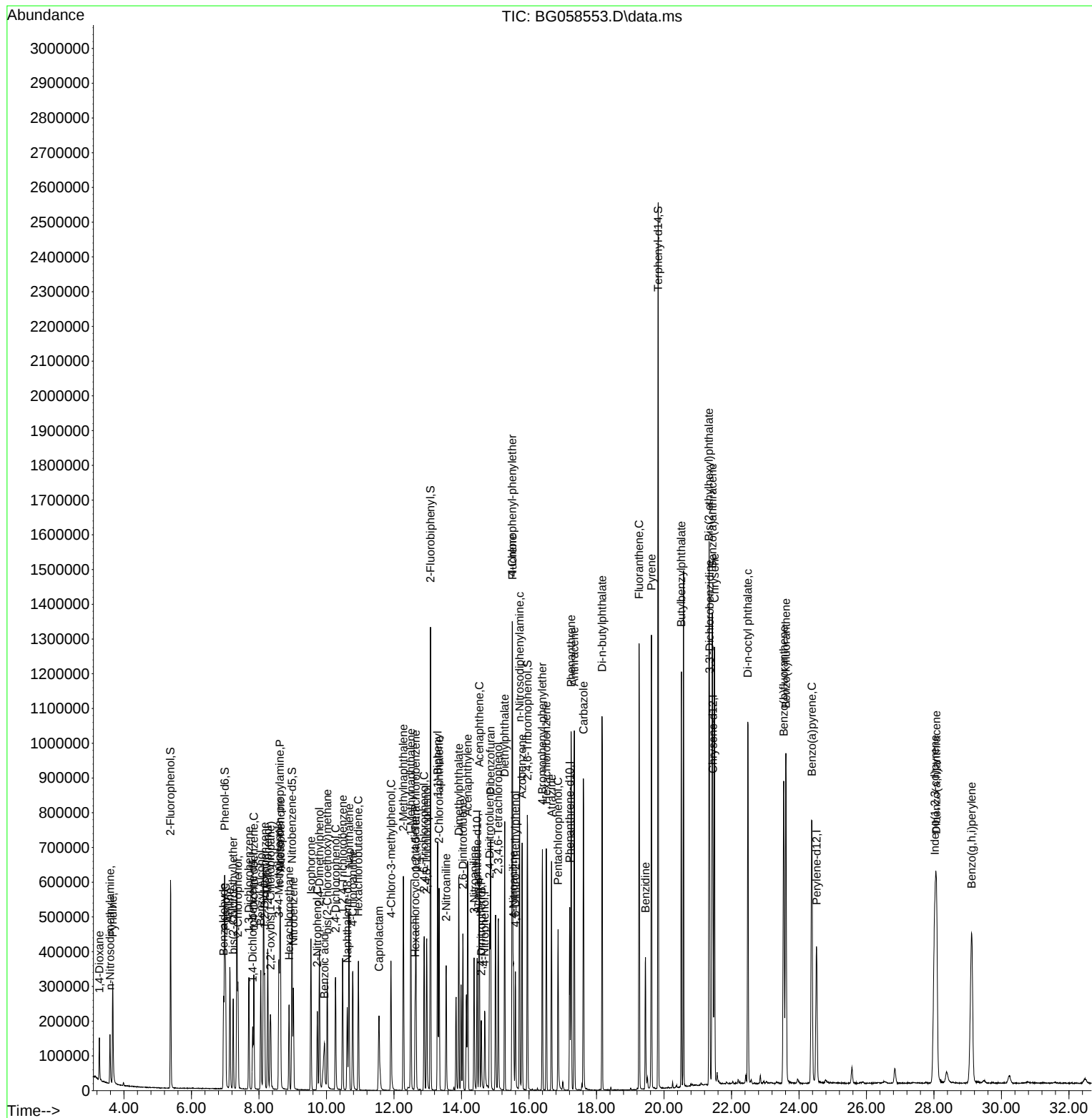
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46) 1,1'-Biphenyl	13.295	154	377093	39.735	ng	99
47) 2-Chloronaphthalene	13.336	162	294680	39.824	ng	99
48) 2-Nitroaniline	13.548	65	116468	41.237	ng	96
49) Acenaphthylene	14.182	152	499528	40.322	ng	99
50) Dimethylphthalate	13.924	163	421884	40.650	ng	98
51) 2,6-Dinitrotoluene	14.041	165	91889	40.352	ng	94
52) Acenaphthene	14.529	154	289020	40.375	ng	97
53) 3-Nitroaniline	14.376	138	97075	42.608	ng	96
54) 2,4-Dinitrophenol	14.588	184	50824	43.372	ng	100
55) Dibenzofuran	14.864	168	488323	39.700	ng	99
56) 4-Nitrophenol	14.688	139	68678	42.315	ng	98
57) 2,4-Dinitrotoluene	14.835	165	133675	42.342	ng	# 98
58) Fluorene	15.510	166	392149	40.132	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	118293	40.333	ng	98
60) Diethylphthalate	15.281	149	438678	41.490	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	211524	38.828	ng	98
62) 4-Nitroaniline	15.540	138	97800	45.314	ng	96
63) Azobenzene	15.798	77	416713	40.014	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	82014	44.334	ng	98
66) n-Nitrosodiphenylamine	15.722	169	349492	40.023	ng	99
67) 4-Bromophenyl-phenylether	16.397	248	147136	38.666	ng	98
68) Hexachlorobenzene	16.515	284	155744	38.624	ng	99
69) Atrazine	16.668	200	118977	40.361	ng	98
70) Pentachlorophenol	16.862	266	108282	44.365	ng	98
71) Phenanthrene	17.249	178	638827	40.150	ng	100
72) Anthracene	17.343	178	655658	40.160	ng	99
73) Carbazole	17.614	167	614896	42.711	ng	100
74) Di-n-butylphthalate	18.166	149	788196	43.709	ng	100
75) Fluoranthene	19.265	202	813934	42.586	ng	100
77) Benzidine	19.453	184	260363	57.162	ng	99
78) Pyrene	19.629	202	839898	41.087	ng	99
80) Butylbenzylphthalate	20.516	149	353027	42.044	ng	99
81) Benzo(a)anthracene	21.433	228	839597	40.617	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	304932	43.630	ng	99
83) Chrysene	21.497	228	810773	40.908	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	522012	42.543	ng	100
85) Di-n-octyl phthalate	22.484	149	917226	42.518	ng	100
87) Indeno(1,2,3-cd)pyrene	28.025	276	1047826	40.643	ng	99
88) Benzo(b)fluoranthene	23.548	252	854911	40.673	ng	100
89) Benzo(k)fluoranthene	23.612	252	882598	41.798	ng	98
90) Benzo(a)pyrene	24.382	252	851499	41.251	ng	99
91) Dibenzo(a,h)anthracene	28.072	278	874733	41.033	ng	99
92) Benzo(g,h,i)perylene	29.112	276	870204	40.709	ng	98

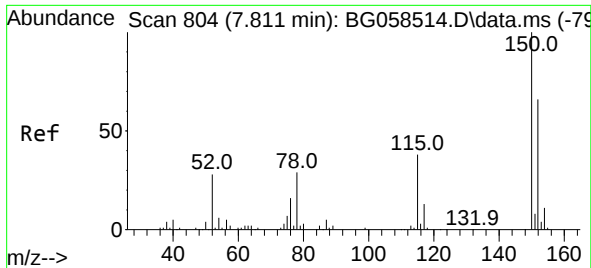
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ALS Vial  : 2    Sample Multiplier: 1
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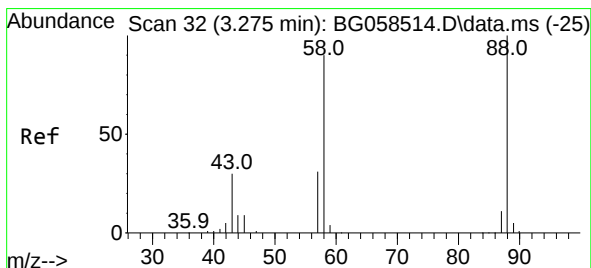
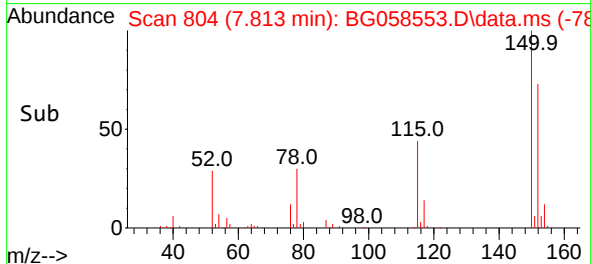
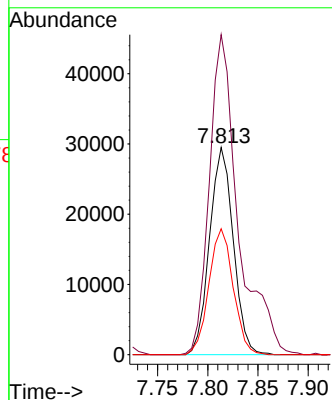
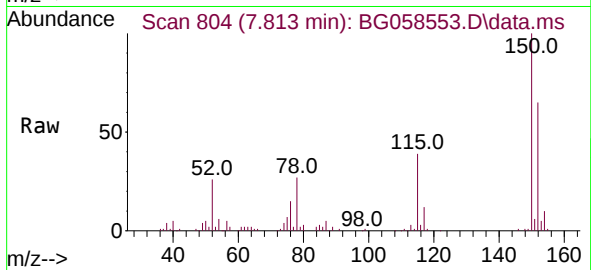




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.813 min Scan# 80
 Delta R.T. 0.002 min
 Lab File: BG058553.D
 Acq: 1 Aug 2023 8:23

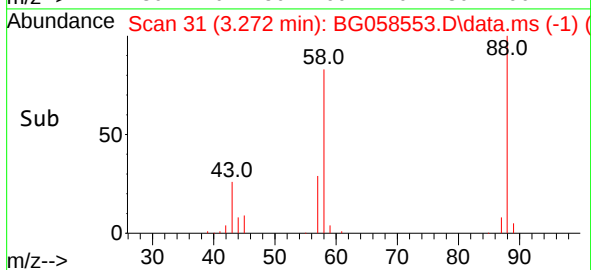
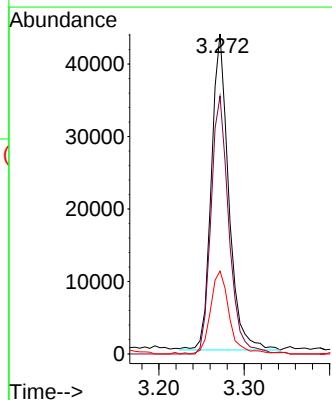
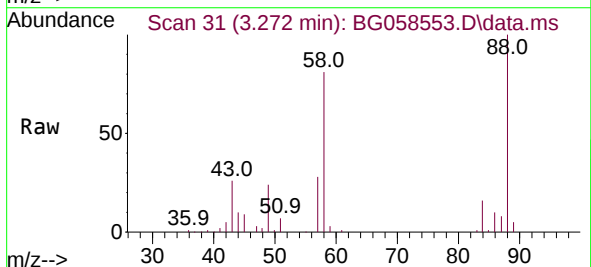
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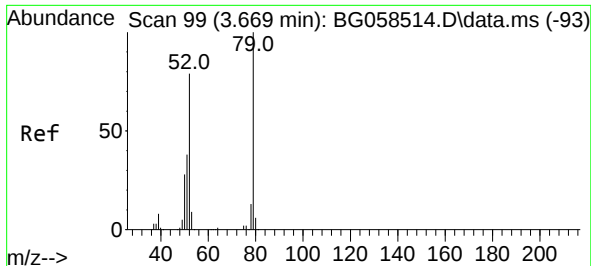
Tgt Ion:152 Resp: 48505
 Ion Ratio Lower Upper
 152 100
 150 154.5 120.5 180.7
 115 60.8 45.9 68.9



#2
 1,4-Dioxane
 Concen: 40.193 ng
 RT: 3.272 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG058553.D
 Acq: 1 Aug 2023 8:23

Tgt Ion: 88 Resp: 61808
 Ion Ratio Lower Upper
 88 100
 58 84.0 68.9 103.3
 43 28.0 22.9 34.3

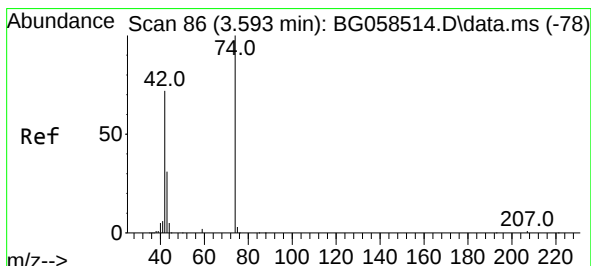
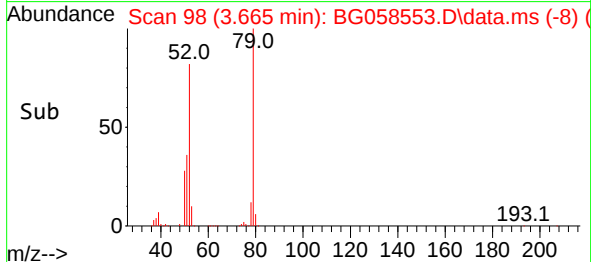
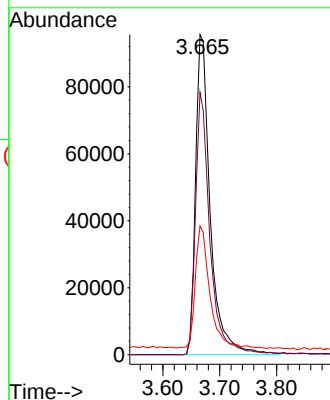
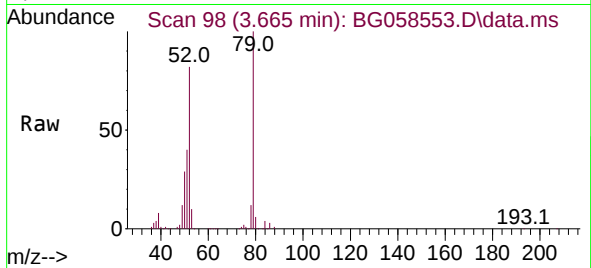




#3
Pyridine
Concen: 41.104 ng
RT: 3.665 min Scan# 99
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

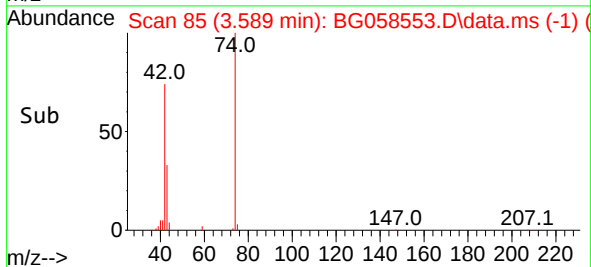
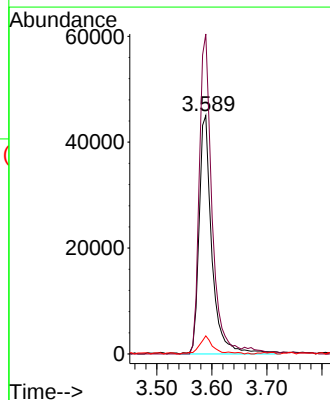
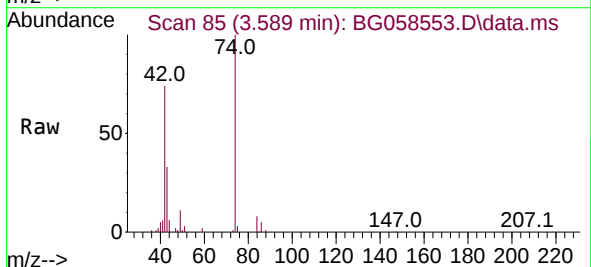
Instrument :
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ClientSampleId :
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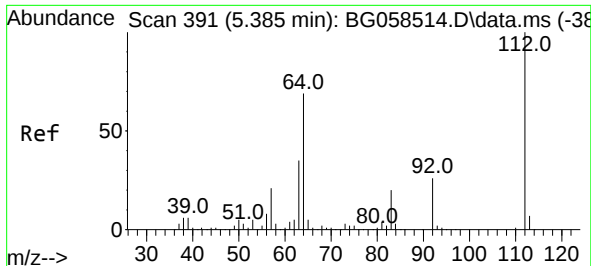
Tgt Ion: 79 Resp: 172329
Ion Ratio Lower Upper
79 100
52 81.9 63.2 94.8
51 40.2 31.9 47.9



#4
n-Nitrosodimethylamine
Concen: 40.969 ng
RT: 3.589 min Scan# 85
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 42 Resp: 72777
Ion Ratio Lower Upper
42 100
74 134.3 111.5 167.3
44 7.6 5.4 8.2

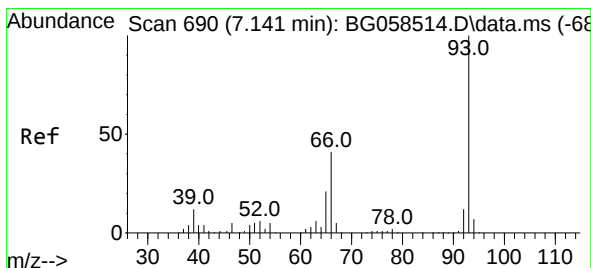
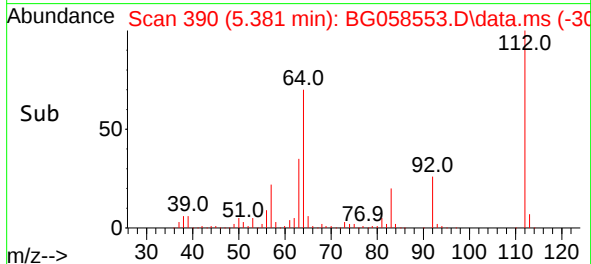
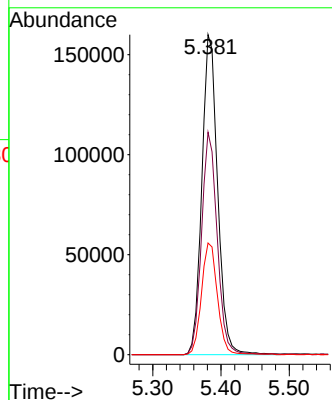
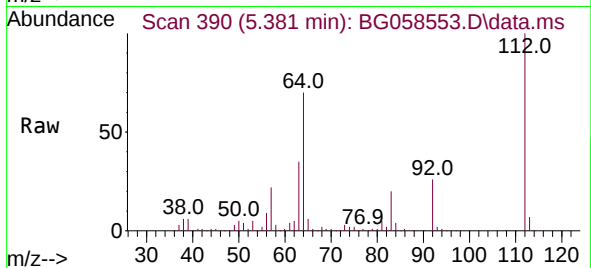




#5
2-Fluorophenol
Concen: 80.995 ng
RT: 5.381 min Scan# 391
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

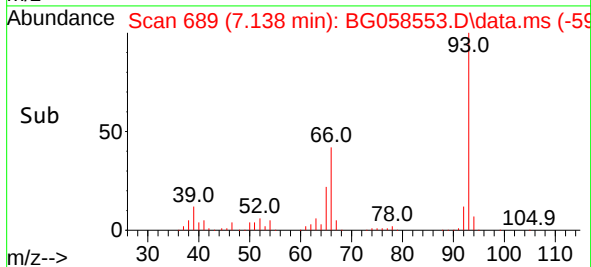
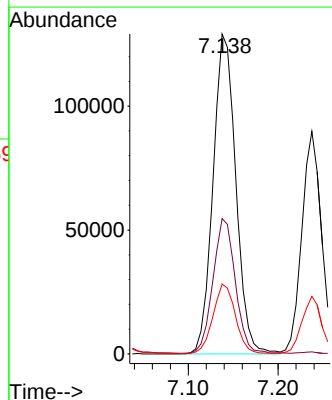
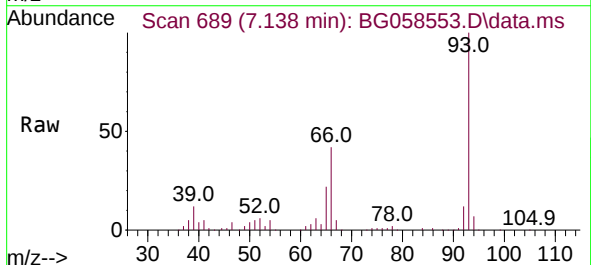
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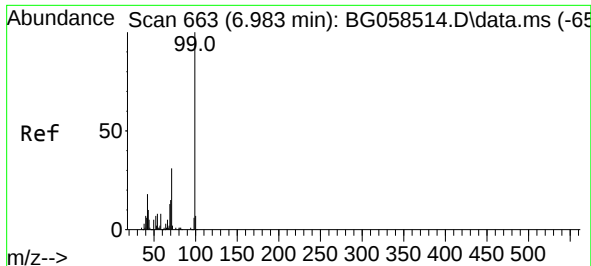
Tgt Ion:112 Resp: 257033
Ion Ratio Lower Upper
112 100
64 69.5 55.3 82.9
63 34.9 28.3 42.5



#6
Aniline
Concen: 41.869 ng
RT: 7.138 min Scan# 689
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 93 Resp: 227629
Ion Ratio Lower Upper
93 100
66 42.3 33.1 49.7
65 21.9 17.0 25.4

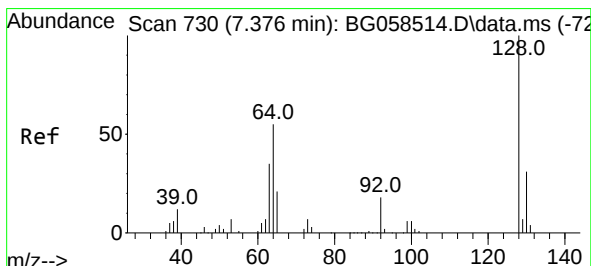
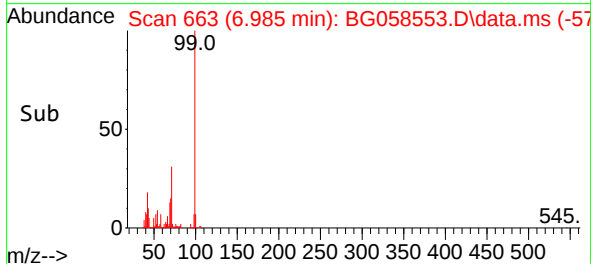
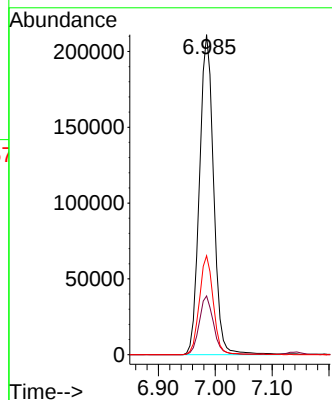
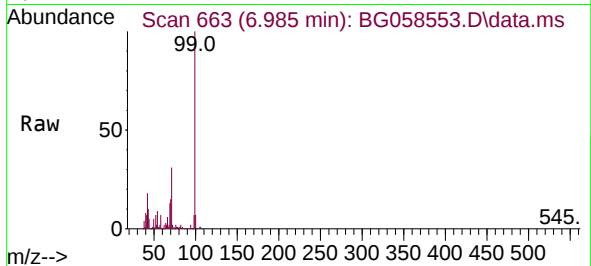




#7
Phenol-d6
Concen: 82.798 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

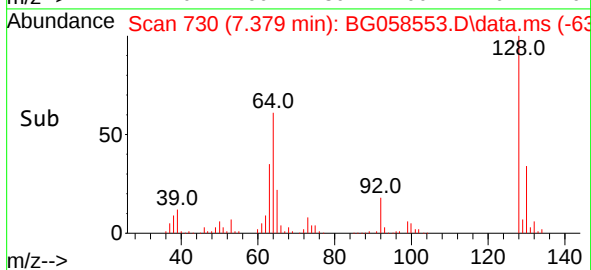
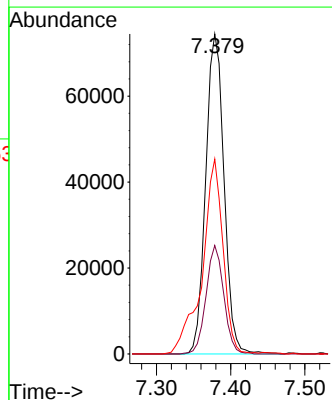
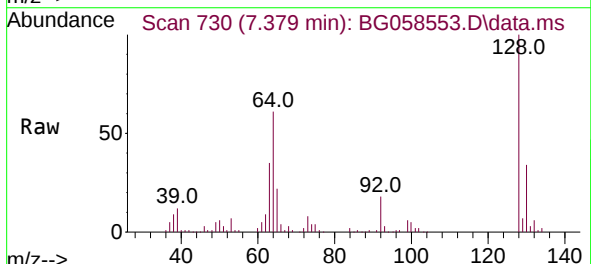
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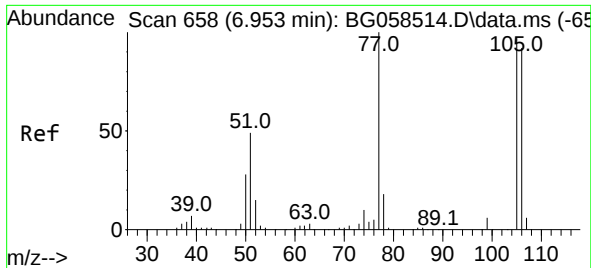
Tgt Ion: 99 Resp: 365621
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 30.9 25.0 37.4



#8
2-Chlorophenol
Concen: 41.025 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:128 Resp: 127722
Ion Ratio Lower Upper
128 100
130 33.9 10.9 50.9
64 60.9 39.0 79.0

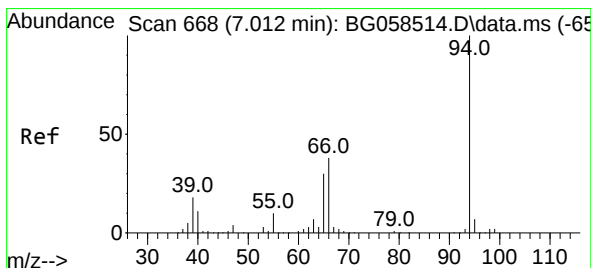
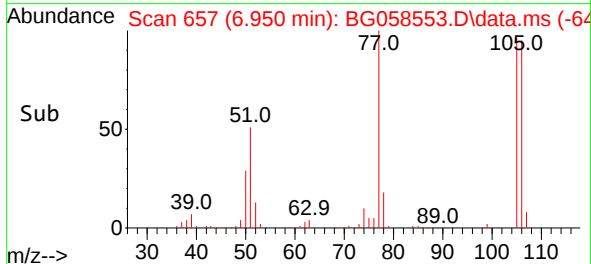
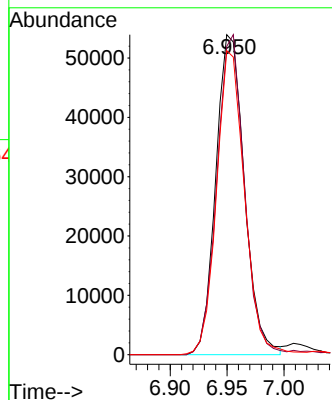
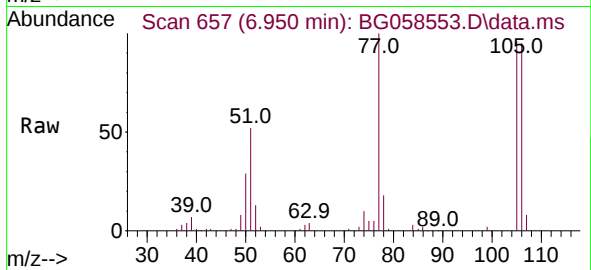




#9
Benzaldehyde
Concen: 39.238 ng
RT: 6.950 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

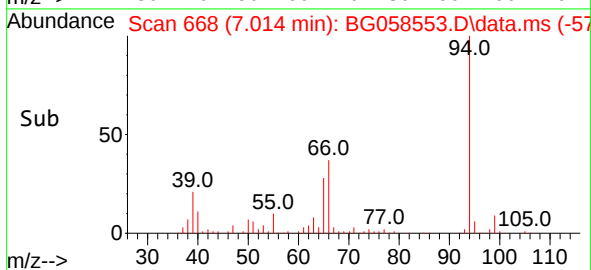
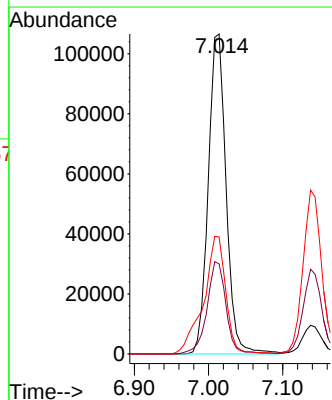
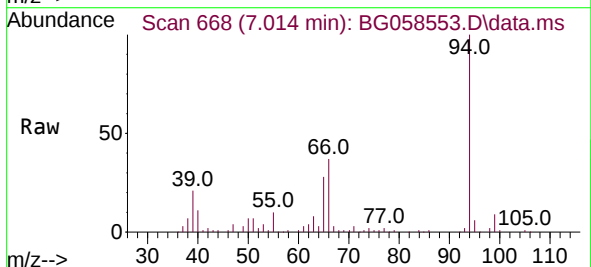
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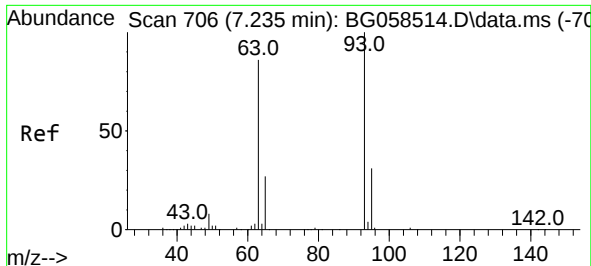
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Ion Ratio Lower Upper
77 100
105 96.4 77.1 117.1
106 95.0 71.6 111.6



#10
Phenol
Concen: 41.318 ng
RT: 7.014 min Scan# 668
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 94 Resp: 178227
Ion Ratio Lower Upper
94 100
65 28.2 10.4 50.4
66 36.6 18.7 58.7

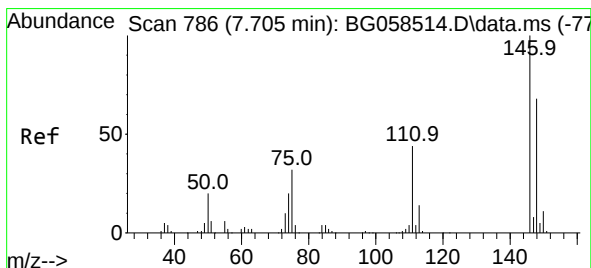
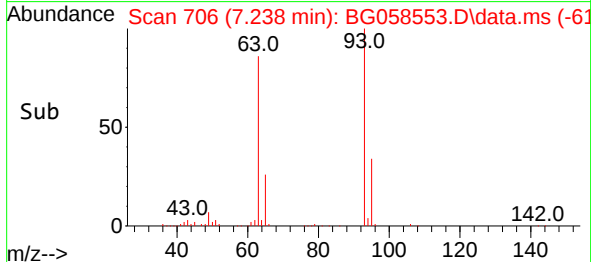
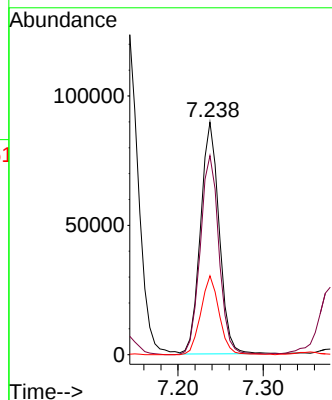
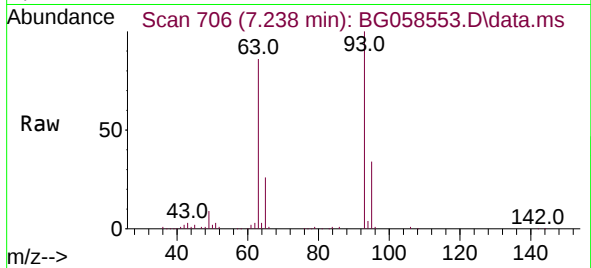




#11
bis(2-Chloroethyl)ether
Concen: 40.115 ng
RT: 7.238 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

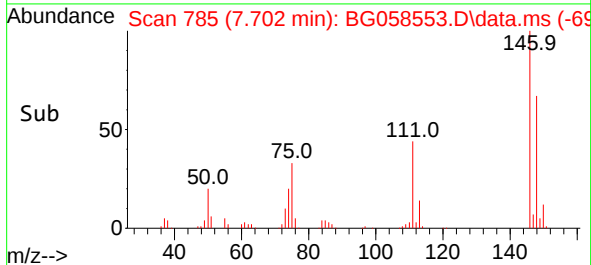
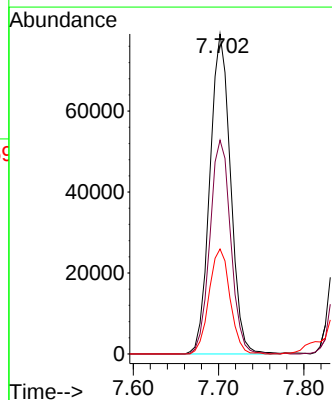
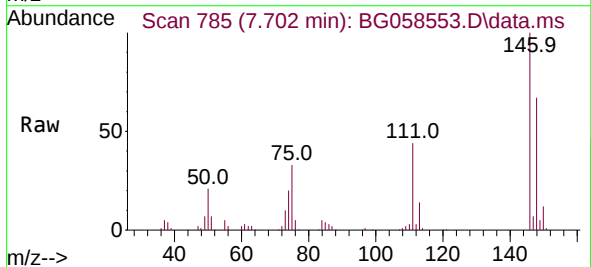
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

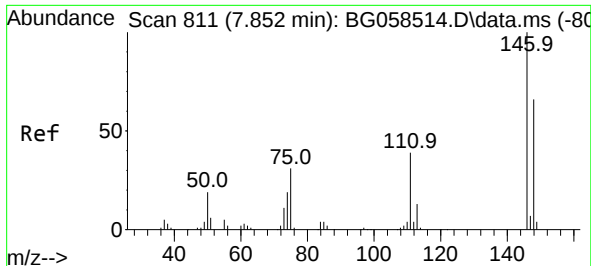
Tgt Ion: 93	Resp: 136417
Ion Ratio	Lower Upper
93 100	
63 85.6	65.5 105.5
95 34.0	11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.047 ng
RT: 7.702 min Scan# 785
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:146	Resp: 133130
Ion Ratio	Lower Upper
146 100	
148 66.8	54.7 82.1
75 32.8	25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 40.360 ng

RT: 7.849 min Scan# 811

Delta R.T. -0.004 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

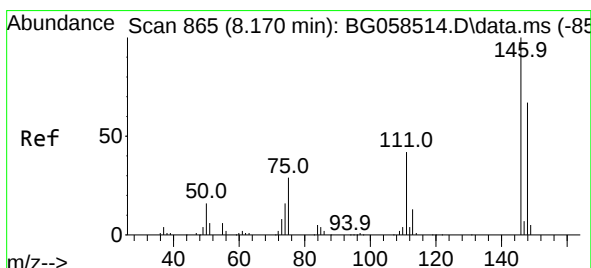
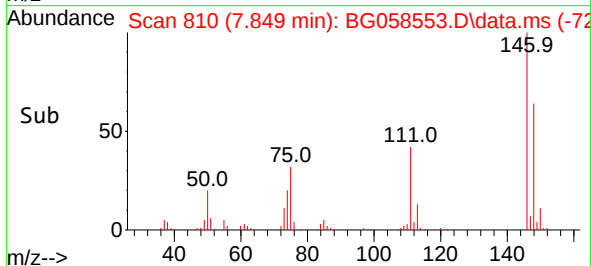
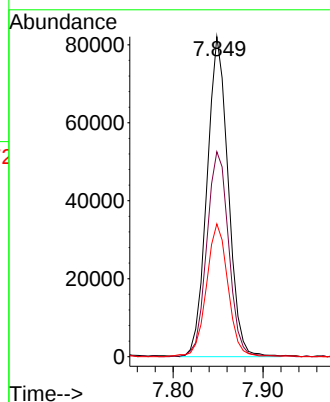
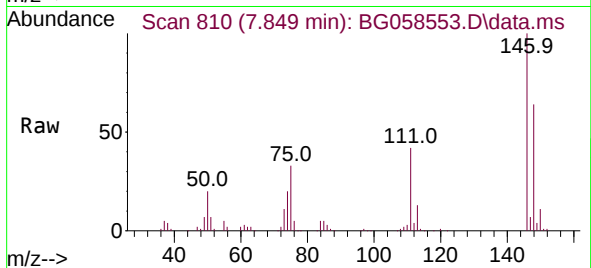
Tgt Ion:146 Resp: 134720

Ion Ratio Lower Upper

146 100

148 64.1 52.8 79.2

111 41.5 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 40.120 ng

RT: 8.166 min Scan# 864

Delta R.T. -0.004 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

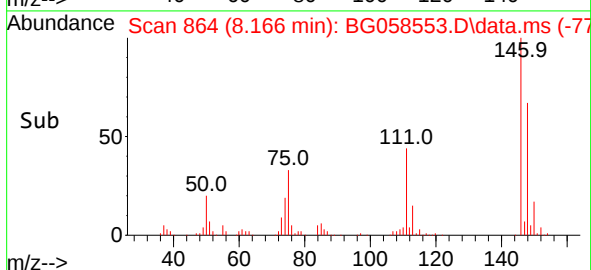
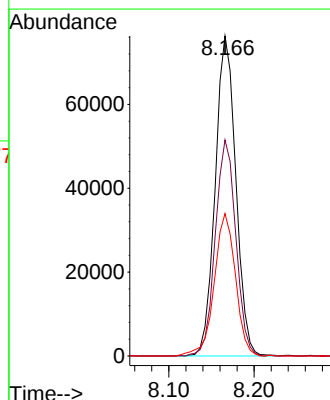
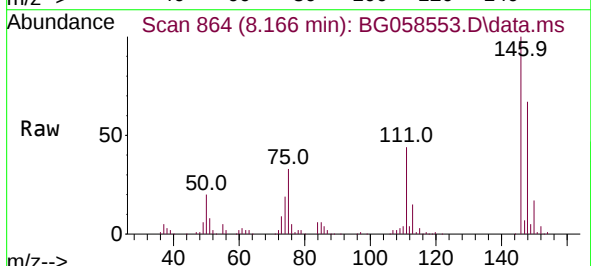
Tgt Ion:146 Resp: 128037

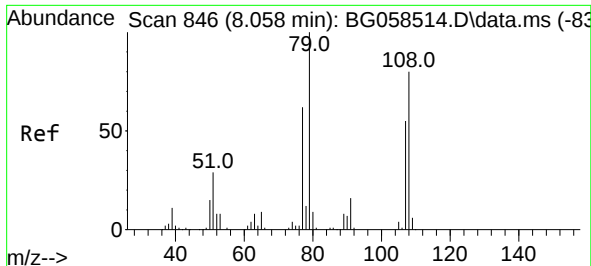
Ion Ratio Lower Upper

146 100

148 67.5 53.4 80.2

111 44.5 34.2 51.2

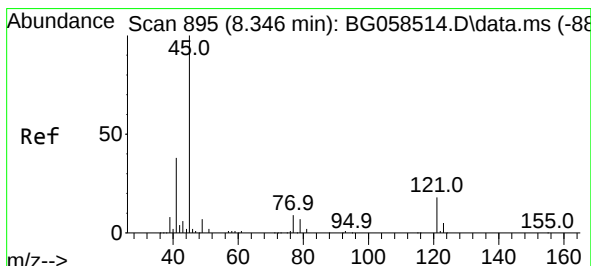
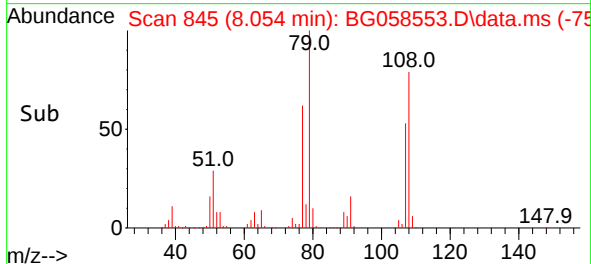
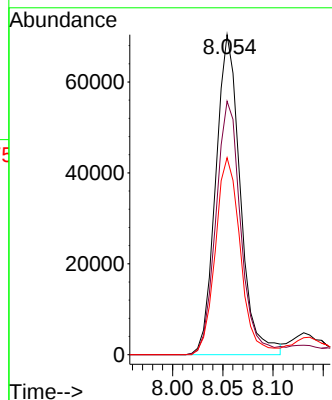
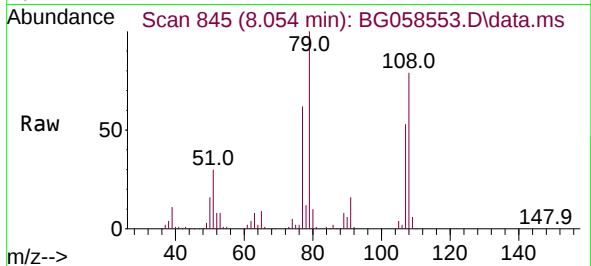




#15
Benzyl Alcohol
Concen: 42.705 ng
RT: 8.054 min Scan# 846
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

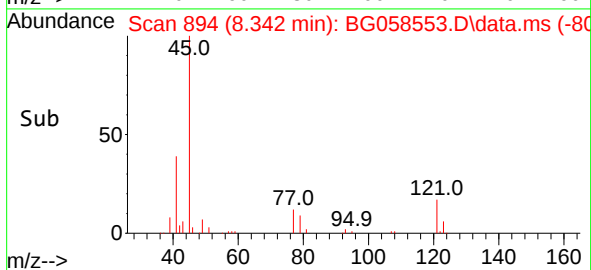
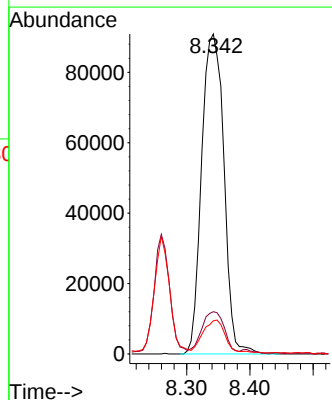
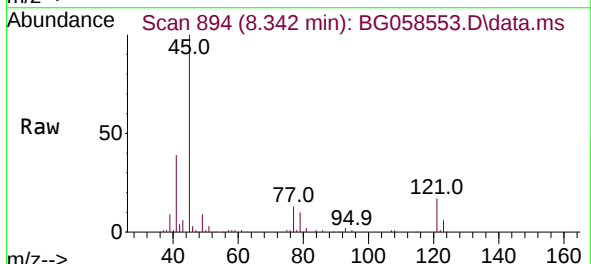
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

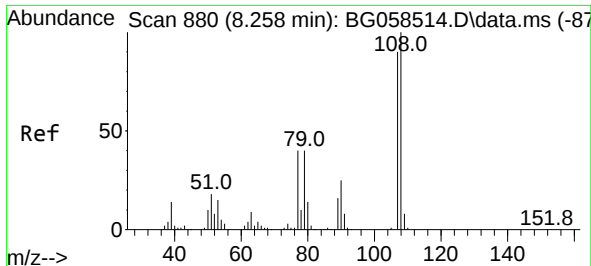
Tgt Ion: 79 Resp: 119592
Ion Ratio Lower Upper
79 100
108 79.2 63.8 95.6
77 61.5 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.165 ng
RT: 8.342 min Scan# 894
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 45 Resp: 221873
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.6
79 10.4 0.0 30.2

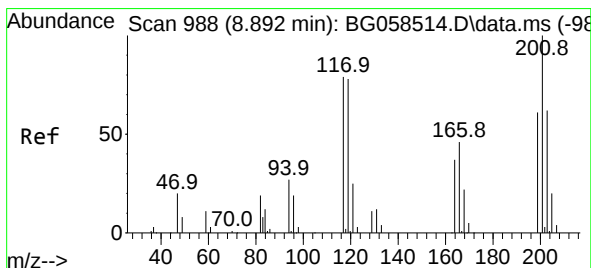
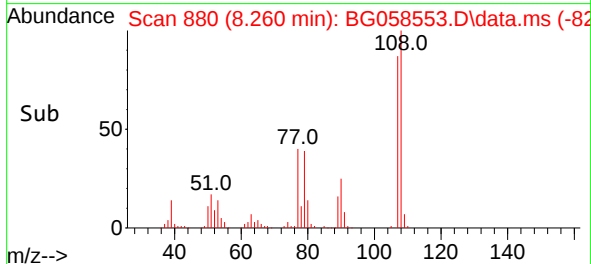
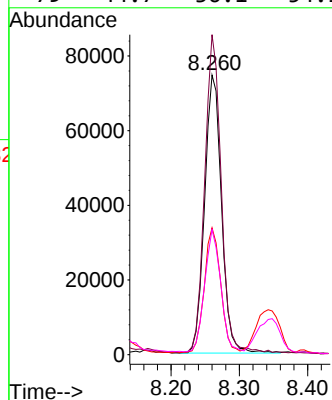
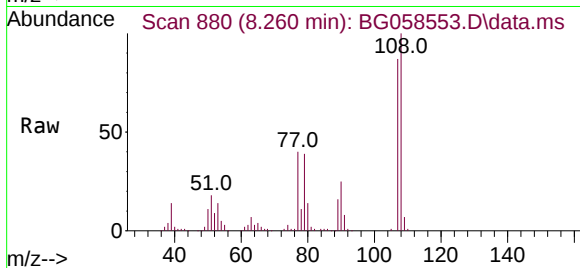




#17
2-Methylphenol
Concen: 40.849 ng
RT: 8.260 min Scan# 811
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

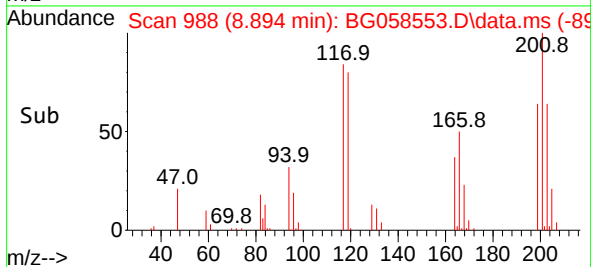
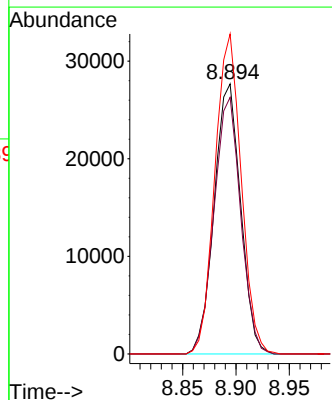
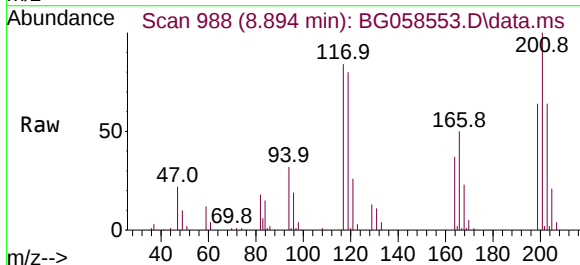
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

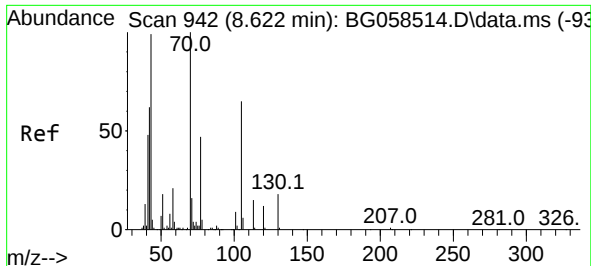
Tgt Ion:107 Resp: 128838
Ion Ratio Lower Upper
107 100
108 114.5 89.1 133.7
77 45.4 36.2 54.4
79 44.7 36.1 54.1



#18
Hexachloroethane
Concen: 39.300 ng
RT: 8.894 min Scan# 988
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:117 Resp: 47681
Ion Ratio Lower Upper
117 100
119 95.0 78.6 117.8
201 120.8 101.4 152.0



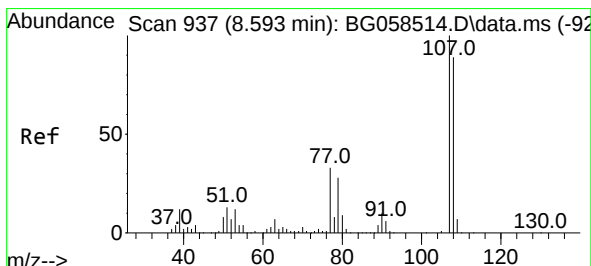
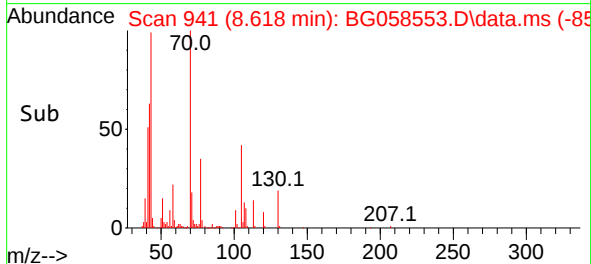
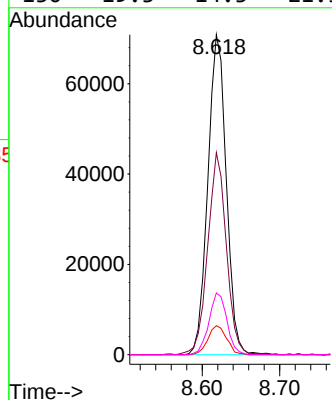
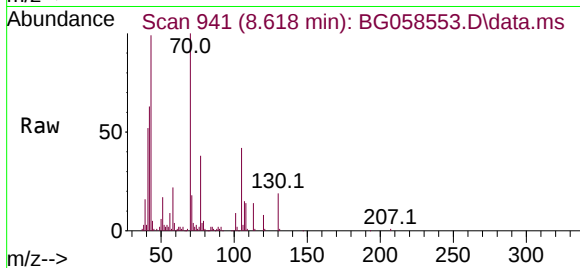


#19
n-Nitroso-di-n-propylamine
Concen: 41.033 ng
RT: 8.618 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 117037

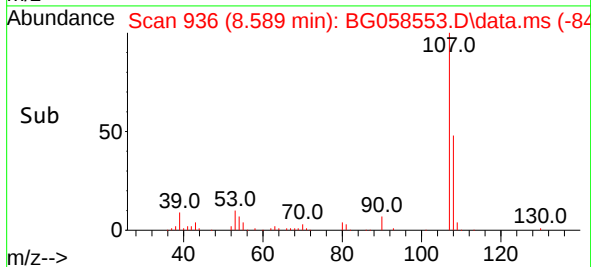
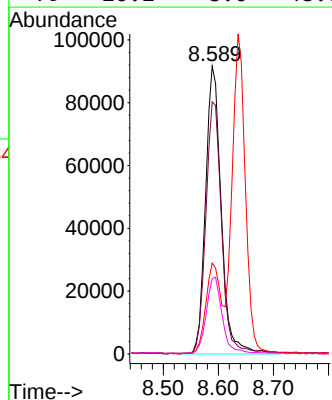
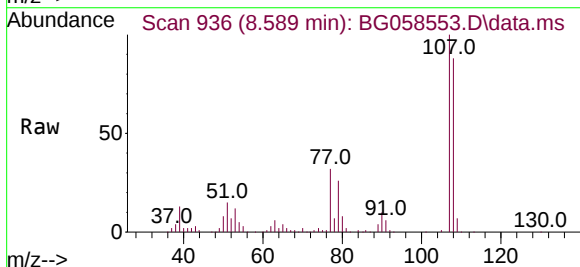
Ion	Ratio	Lower	Upper
70	100		
42	63.2	49.7	74.5
101	9.0	7.0	10.4
130	19.3	14.3	21.5

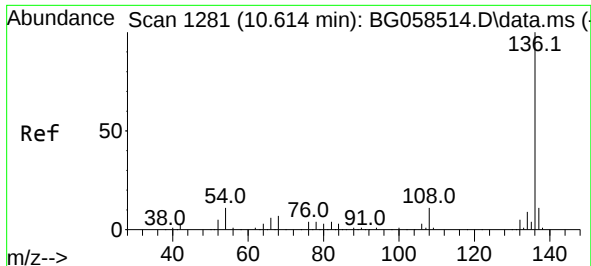


#20
3+4-Methylphenols
Concen: 42.659 ng
RT: 8.589 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 107 Resp: 181993

Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.4	109.4
77	31.6	13.0	53.0
79	26.2	8.0	48.0

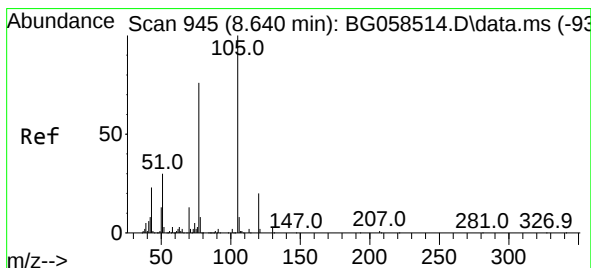
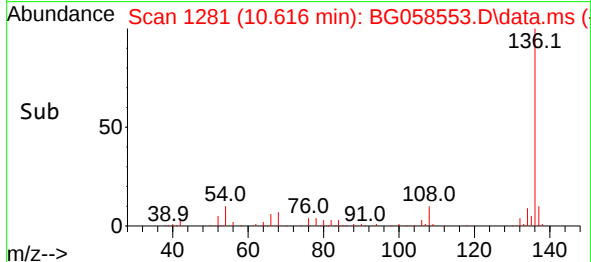
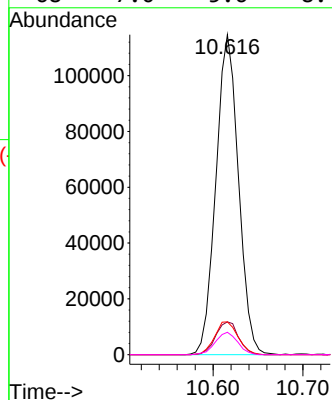
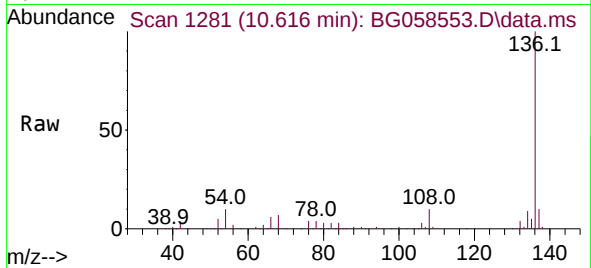




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

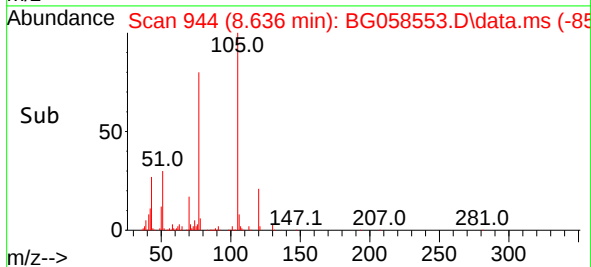
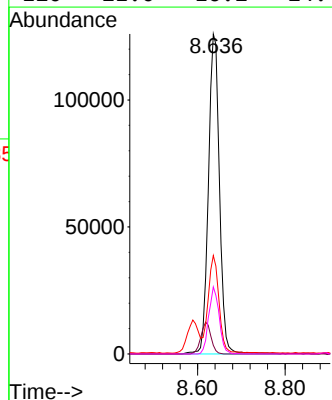
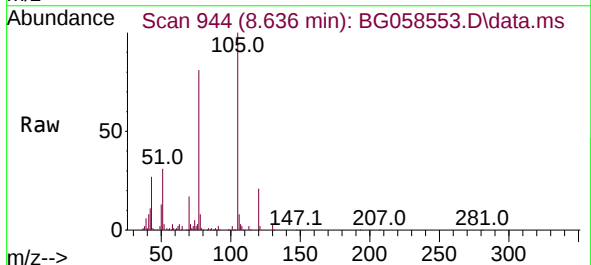
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

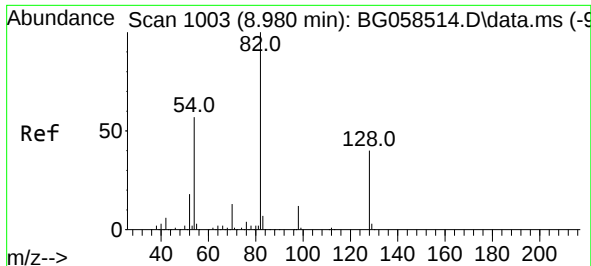
Tgt Ion:	136	Resp:	199984
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	10.2	8.9	13.3
68	7.0	5.6	8.4



#22
Acetophenone
Concen: 41.447 ng
RT: 8.636 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:	105	Resp:	221941
Ion Ratio	Lower	Upper	
105	100		
71	2.7	1.8	2.6#
51	30.8	24.2	36.2
120	21.0	16.2	24.4

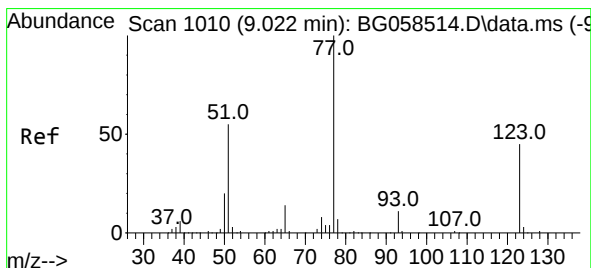
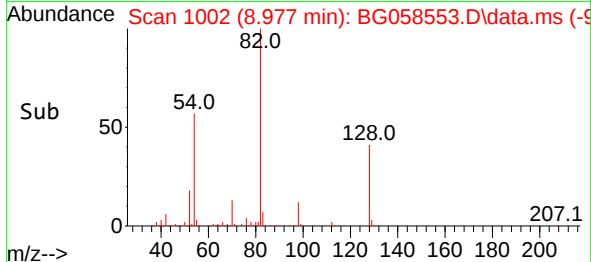
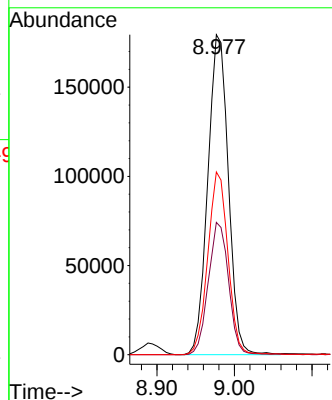
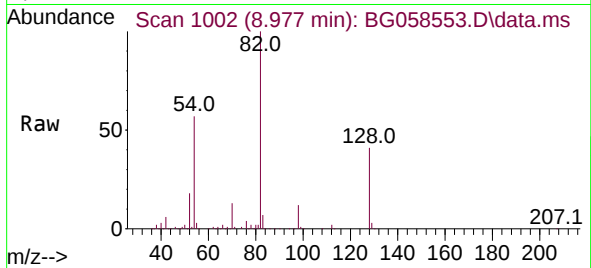




#23
Nitrobenzene-d5
Concen: 81.233 ng
RT: 8.977 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

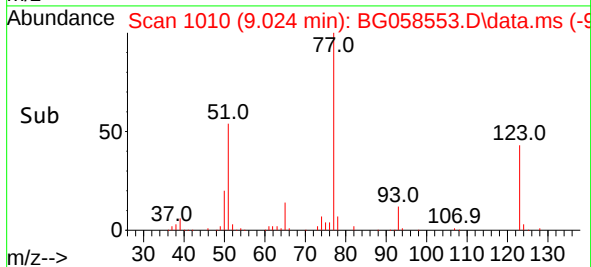
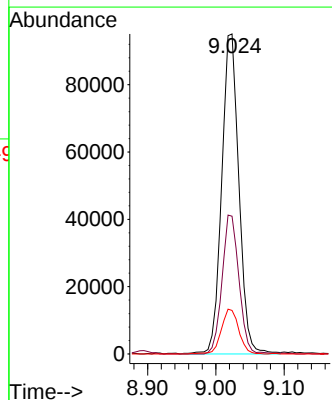
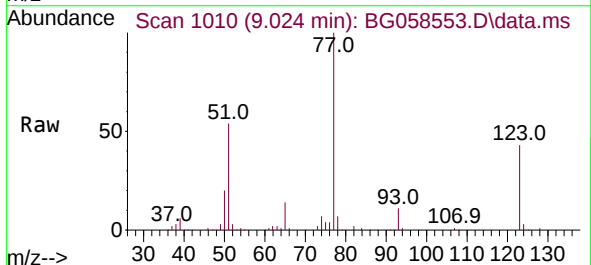
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

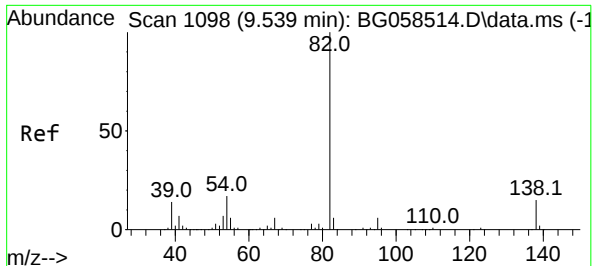
Tgt Ion: 82 Resp: 330690
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 57.1 46.0 69.0



#24
Nitrobenzene
Concen: 40.354 ng
RT: 9.024 min Scan# 1010
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 77 Resp: 167010
Ion Ratio Lower Upper
77 100
123 43.1 35.6 53.4
65 13.6 11.4 17.0

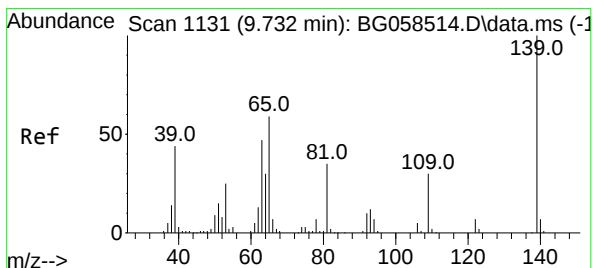
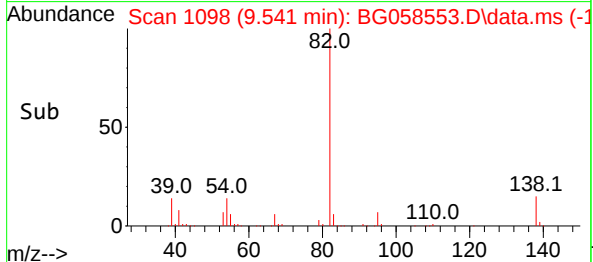
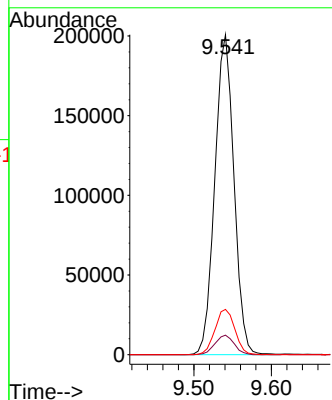
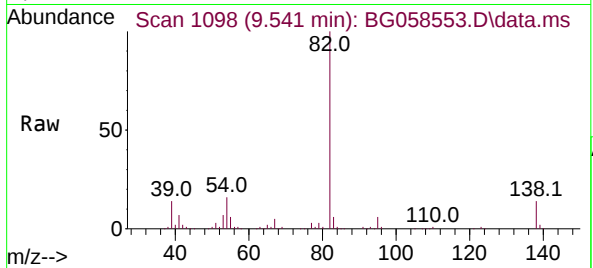




#25
Isophorone
Concen: 40.881 ng
RT: 9.541 min Scan# 1130
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

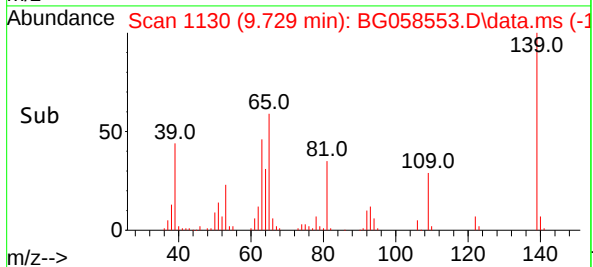
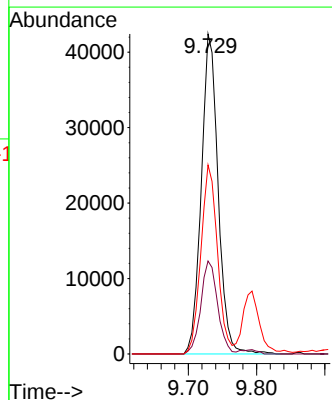
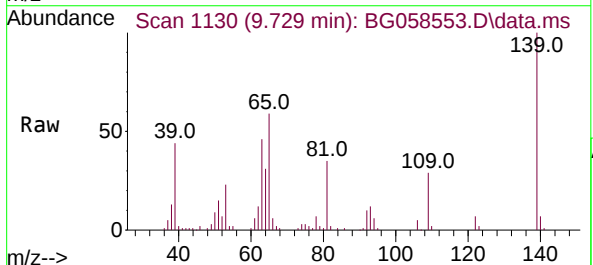
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

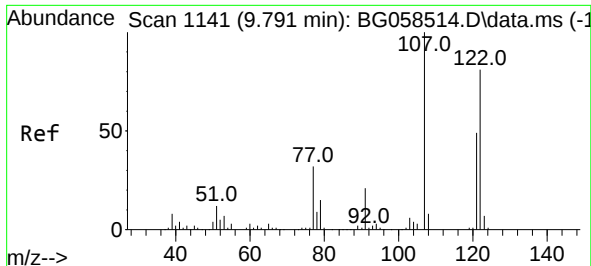
Tgt Ion: 82 Resp: 343858
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 14.1 11.9 17.9



#26
2-Nitrophenol
Concen: 40.405 ng
RT: 9.729 min Scan# 1130
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 139 Resp: 72790
Ion Ratio Lower Upper
139 100
109 29.0 24.2 36.2
65 59.1 47.0 70.4

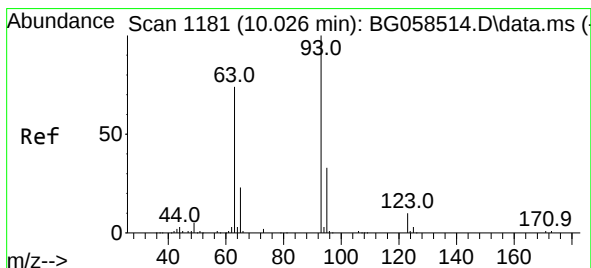
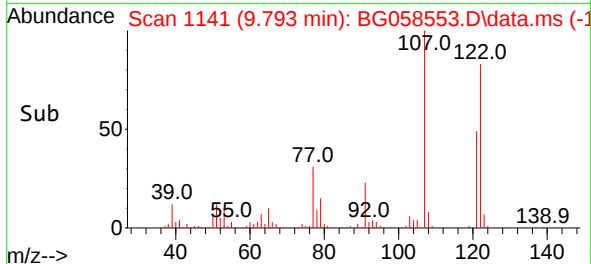
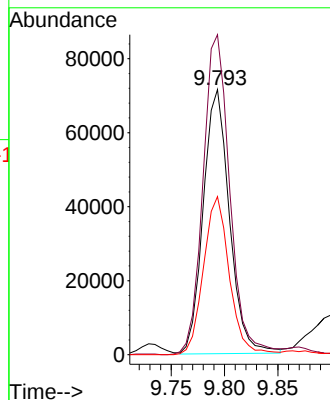
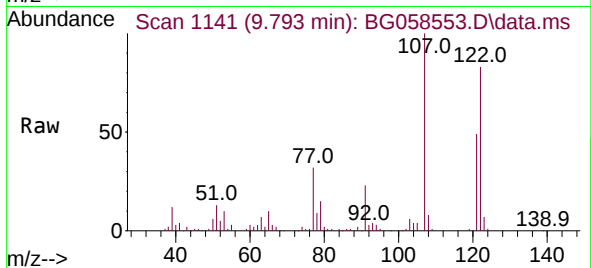




#27
2,4-Dimethylphenol
Concen: 40.956 ng
RT: 9.793 min Scan# 1141
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

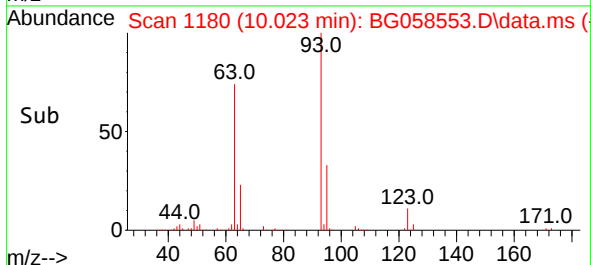
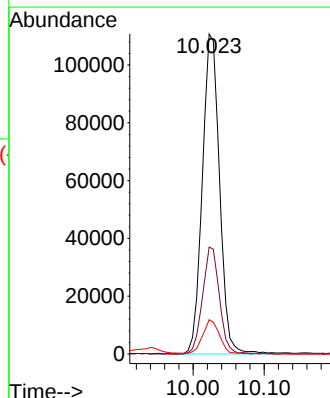
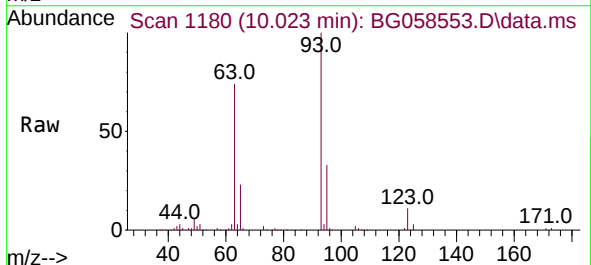
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

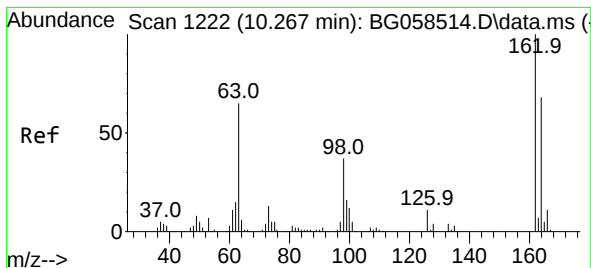
Tgt Ion:122 Resp: 122387
Ion Ratio Lower Upper
122 100
107 120.7 98.0 147.0
121 59.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.921 ng
RT: 10.023 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 93 Resp: 187315
Ion Ratio Lower Upper
93 100
95 33.4 26.0 39.0
123 10.7 7.8 11.8

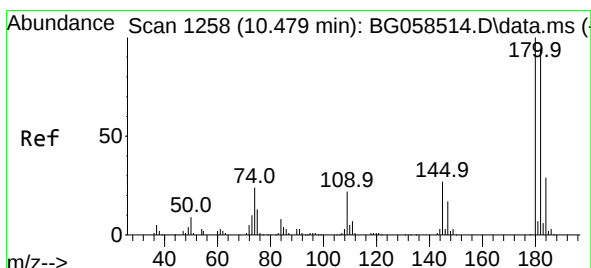
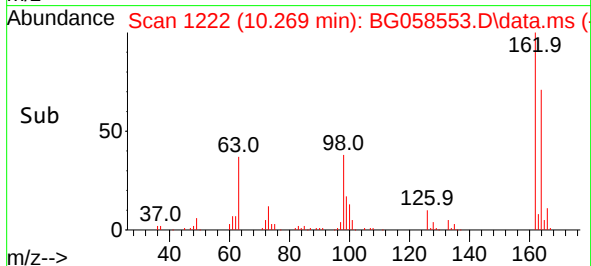
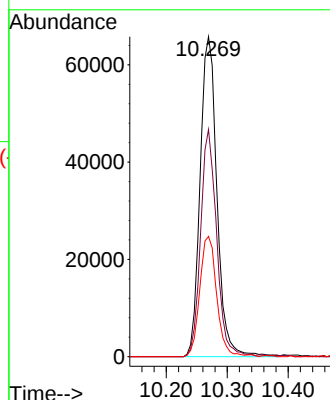
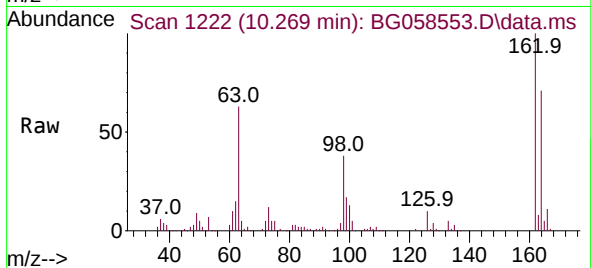




#29
2,4-Dichlorophenol
Concen: 40.839 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

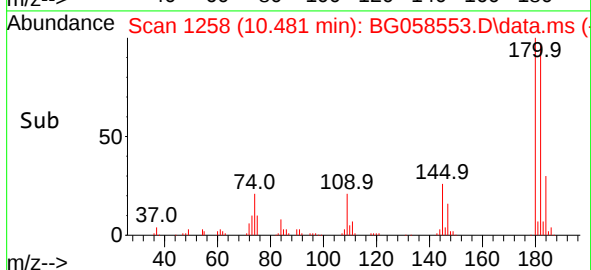
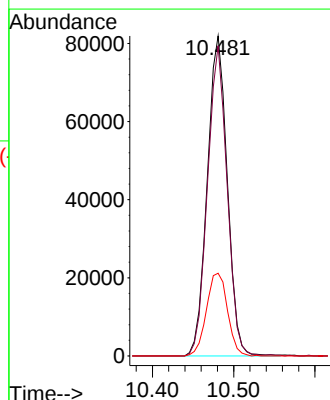
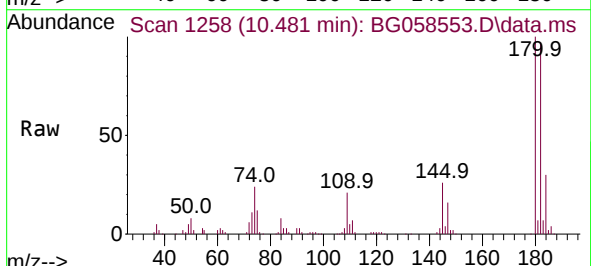
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

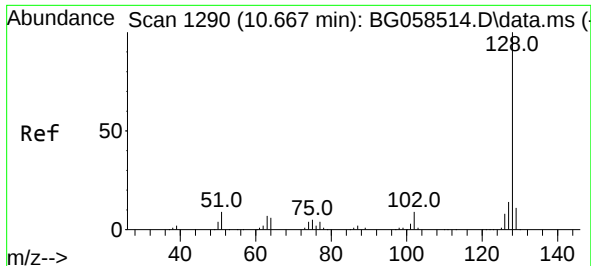
Tgt Ion:162 Resp: 126711
Ion Ratio Lower Upper
162 100
164 71.0 47.6 87.6
98 37.6 17.1 57.1



#30
1,2,4-Trichlorobenzene
Concen: 39.166 ng
RT: 10.481 min Scan# 1258
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:180 Resp: 140141
Ion Ratio Lower Upper
180 100
182 96.9 75.0 112.4
145 25.9 21.9 32.9

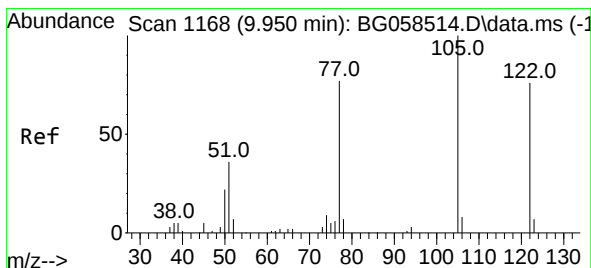
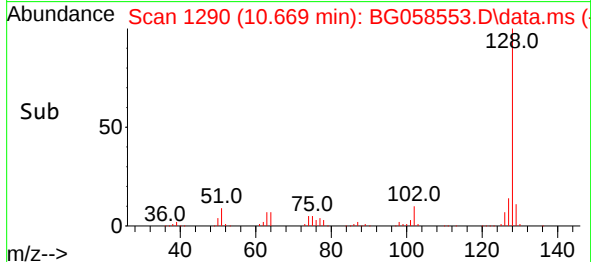
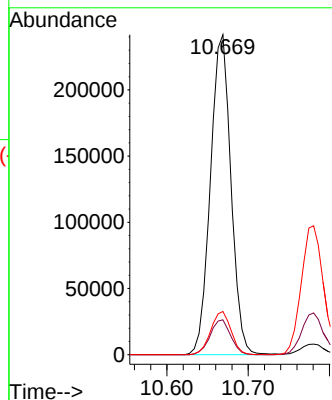
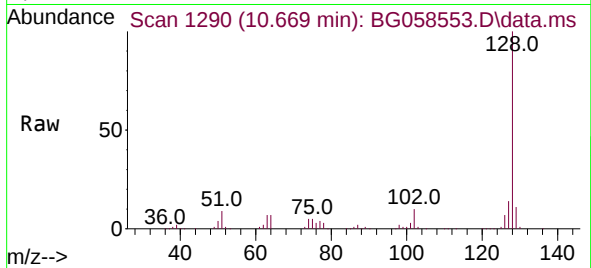




#31
Naphthalene
Concen: 40.227 ng
RT: 10.669 min Scan# 1166
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

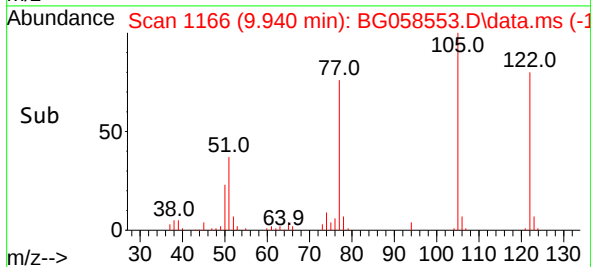
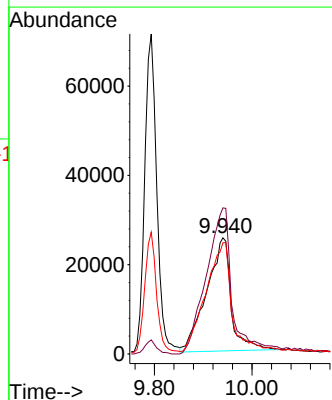
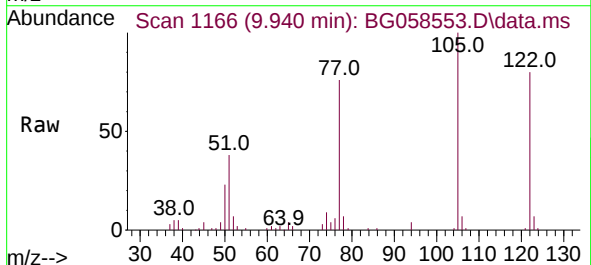
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

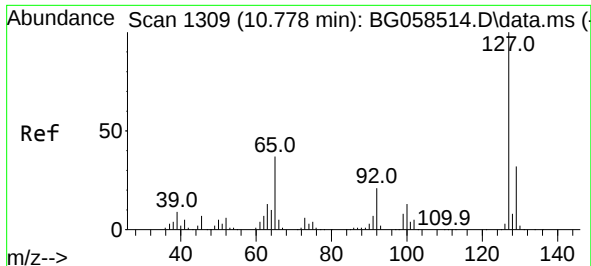
Tgt Ion:128 Resp: 424005
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 39.851 ng
RT: 9.940 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:122 Resp: 88958
Ion Ratio Lower Upper
122 100
105 125.7 106.5 146.5
77 95.7 78.1 118.1

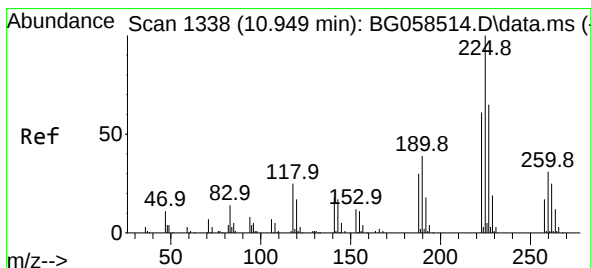
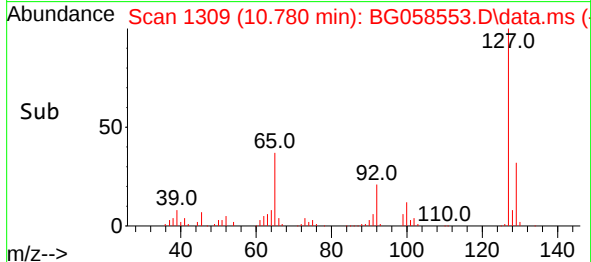
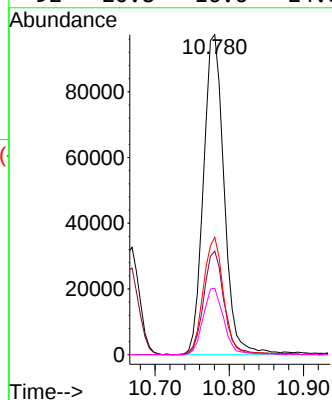
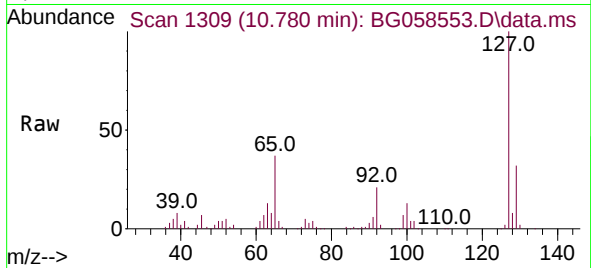




#33
4-Chloroaniline
Concen: 42.381 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

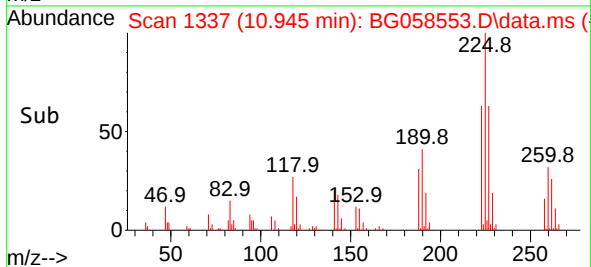
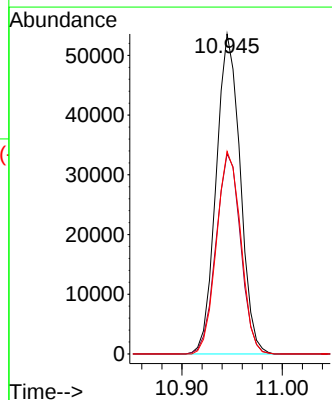
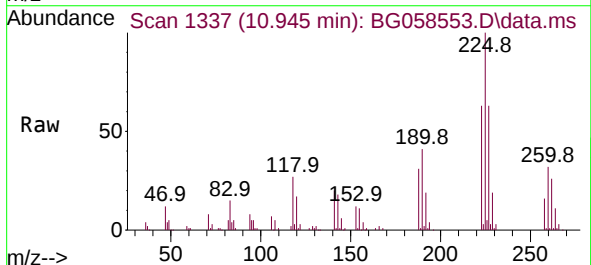
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

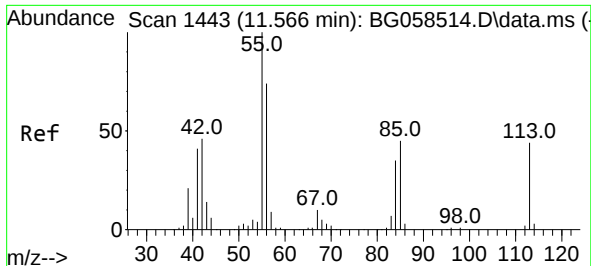
Tgt Ion:	127	Resp:	188737
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.2
65	36.7	29.5	44.3
92	20.8	16.6	24.8



#34
Hexachlorobutadiene
Concen: 38.641 ng
RT: 10.945 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:	225	Resp:	89042
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.6
227	63.3	51.7	77.5

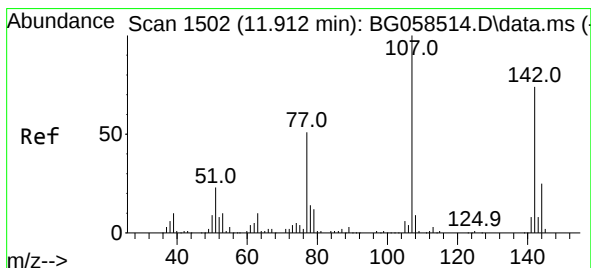
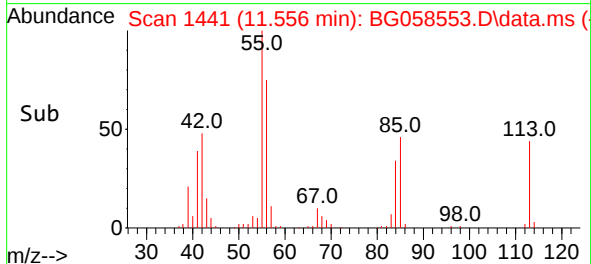
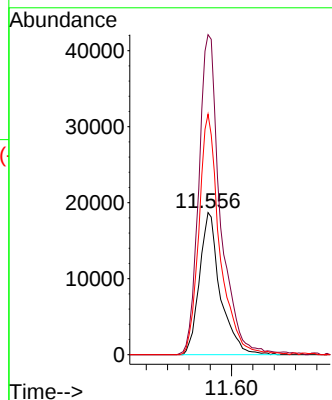
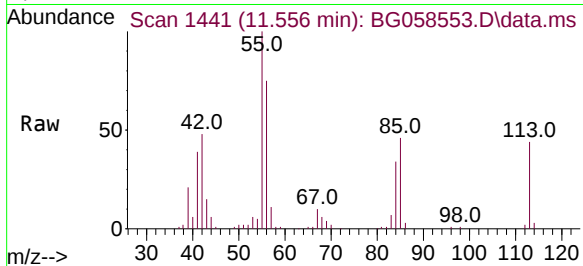




#35
Caprolactam
Concen: 44.256 ng
RT: 11.556 min Scan# 1443
Delta R.T. -0.010 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

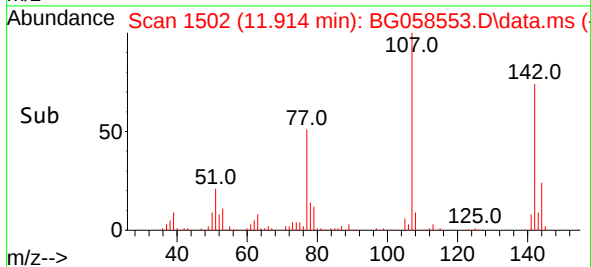
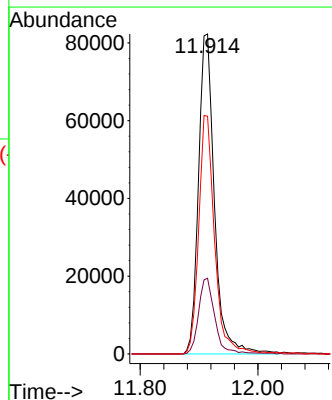
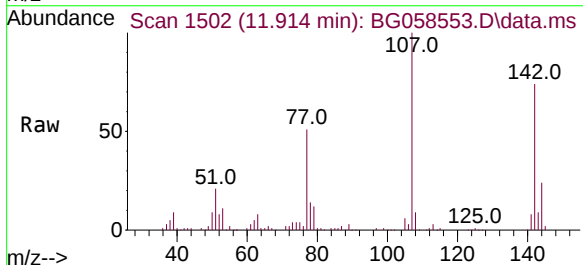
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

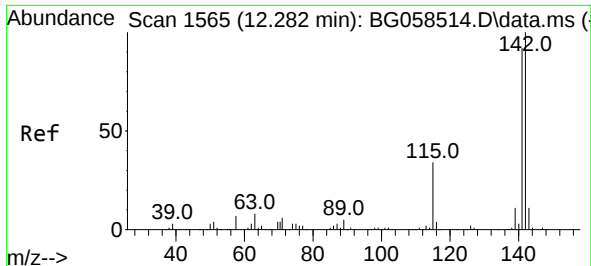
Tgt Ion:113 Resp: 50706
Ion Ratio Lower Upper
113 100
55 225.1 208.0 248.0
56 169.2 148.6 188.6



#36
4-Chloro-3-methylphenol
Concen: 40.462 ng
RT: 11.914 min Scan# 1502
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:107 Resp: 155298
Ion Ratio Lower Upper
107 100
144 23.6 19.6 29.4
142 74.3 59.3 88.9





#37

2-Methylnaphthalene

Concen: 40.293 ng

RT: 12.279 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

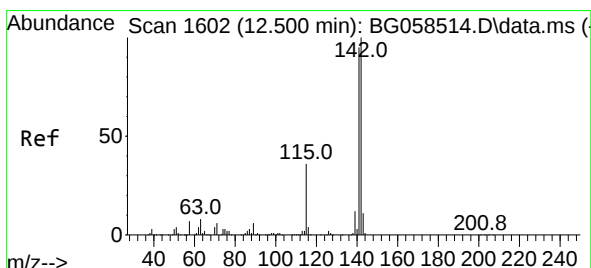
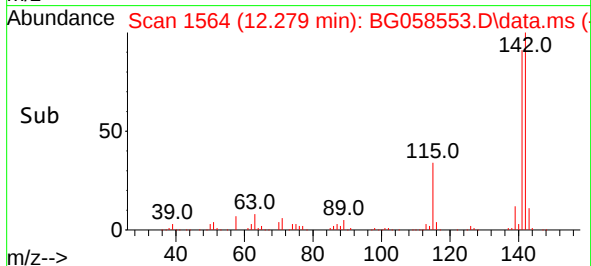
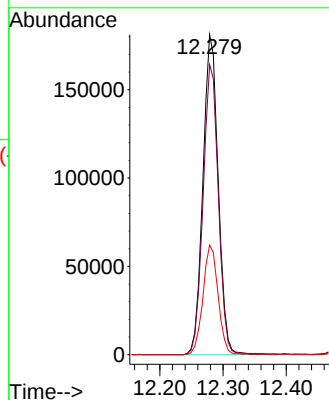
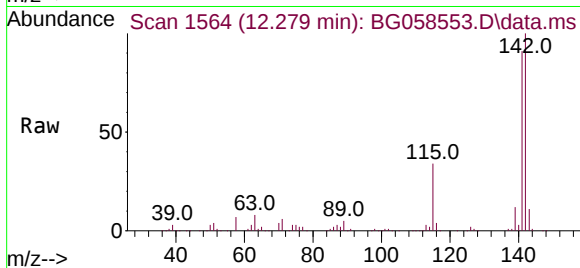
Tgt Ion:142 Resp: 303795

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3

115 34.3 27.4 41.0



#38

1-Methylnaphthalene

Concen: 40.119 ng

RT: 12.502 min Scan# 1602

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

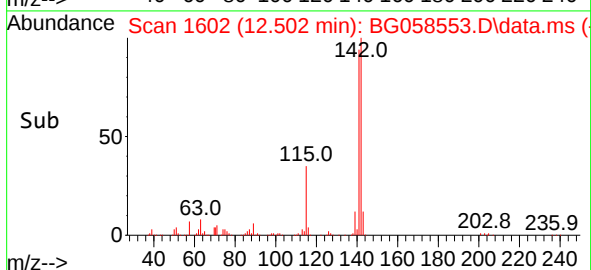
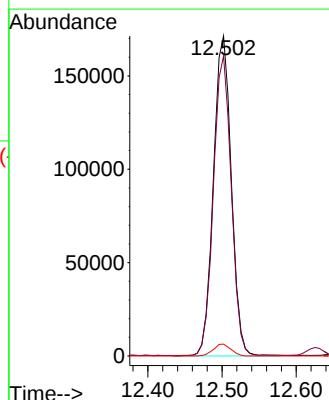
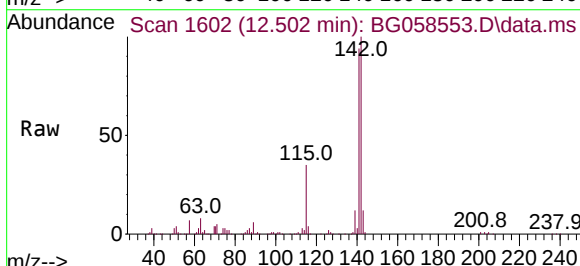
Tgt Ion:142 Resp: 287532

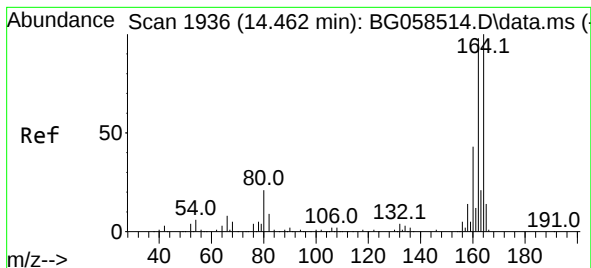
Ion Ratio Lower Upper

142 100

141 93.8 75.7 113.5

116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.464 min Scan# 1936

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

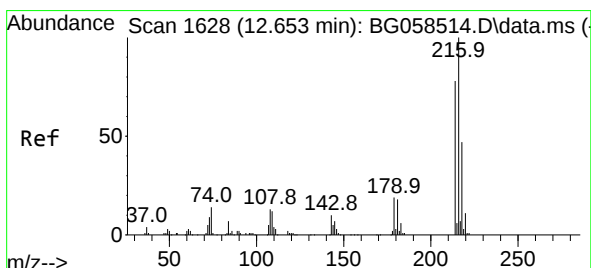
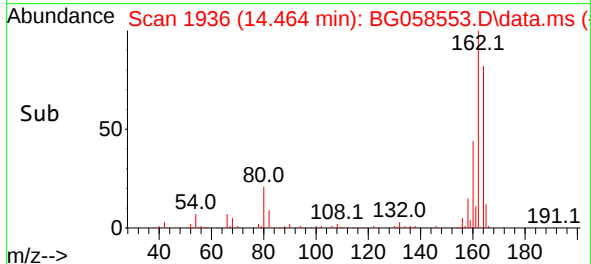
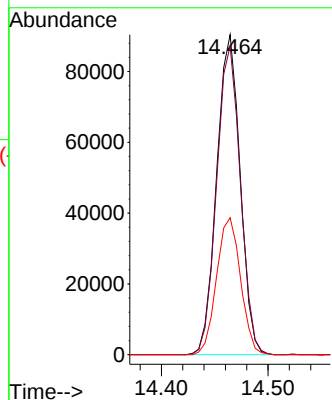
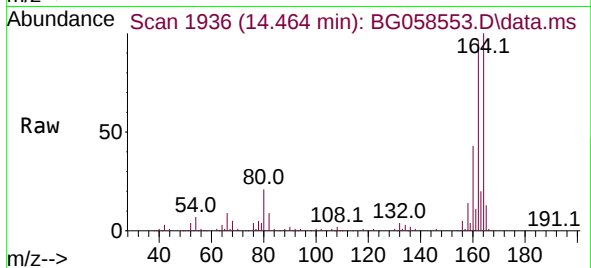
Tgt Ion:164 Resp: 138190

Ion Ratio Lower Upper

164 100

162 96.5 78.3 117.5

160 42.8 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.212 ng

RT: 12.649 min Scan# 1627

Delta R.T. -0.004 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Tgt Ion:216 Resp: 166360

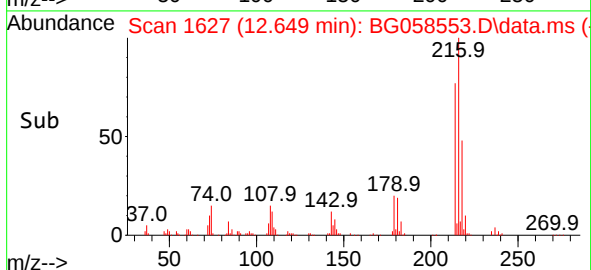
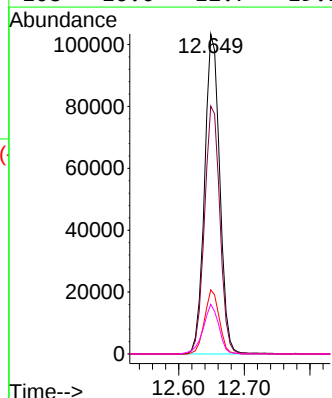
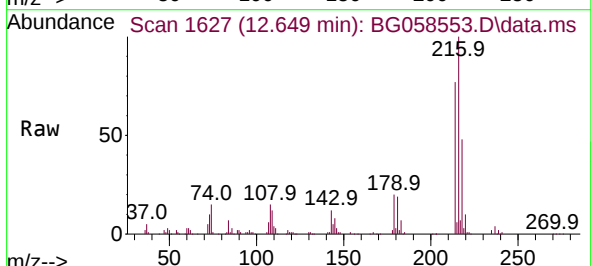
Ion Ratio Lower Upper

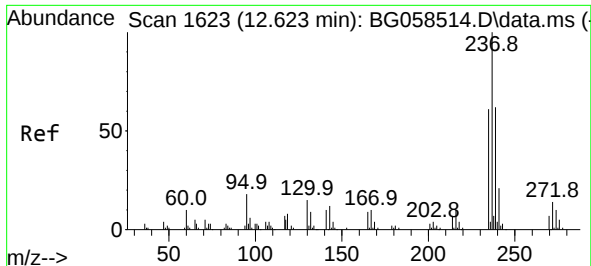
216 100

214 79.0 63.1 94.7

179 19.4 15.6 23.4

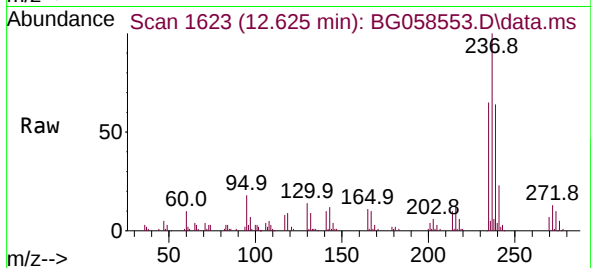
108 16.0 12.7 19.1



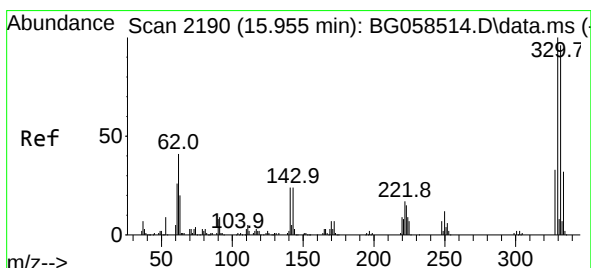
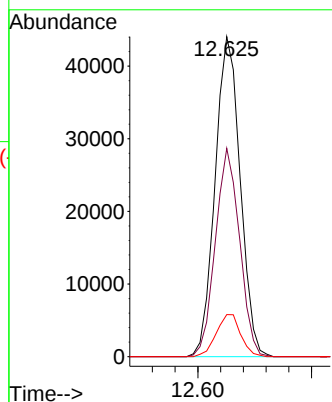
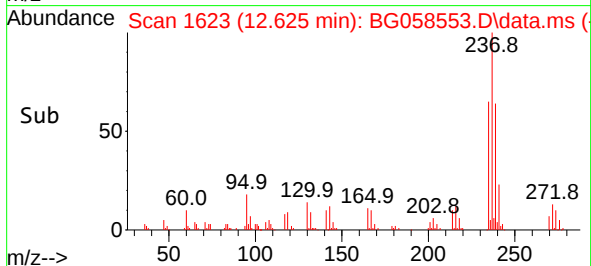


#41
Hexachlorocyclopentadiene
Concen: 38.180 ng
RT: 12.625 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

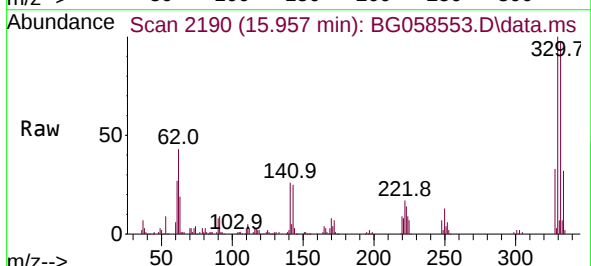
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



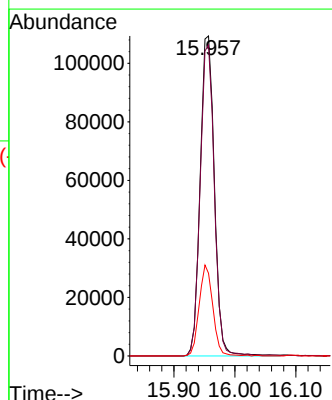
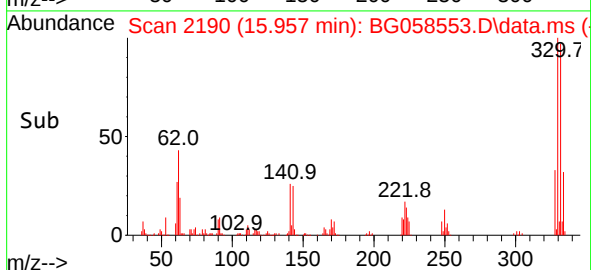
Tgt Ion:237 Resp: 67565
Ion Ratio Lower Upper
237 100
235 65.1 41.0 81.0
272 13.2 0.0 33.6

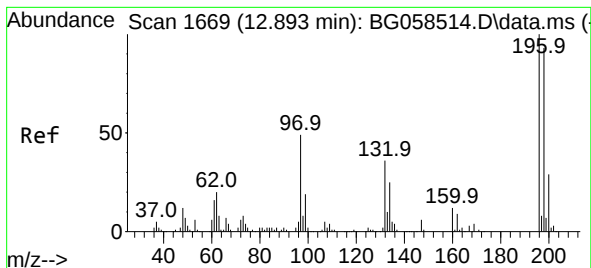


#42
2,4,6-Tribromophenol
Concen: 78.221 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23



Tgt Ion:330 Resp: 177173
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 27.3 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 39.814 ng

RT: 12.896 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

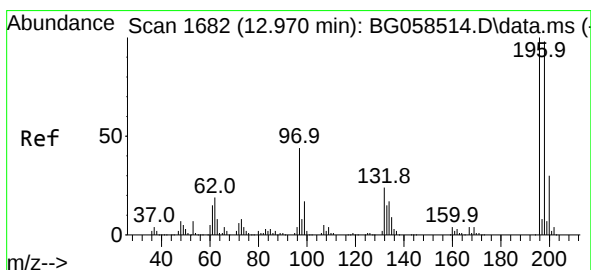
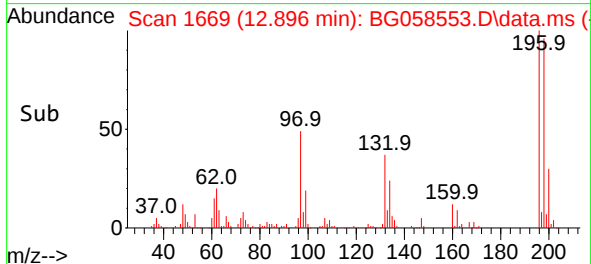
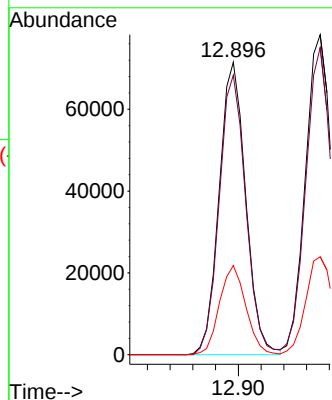
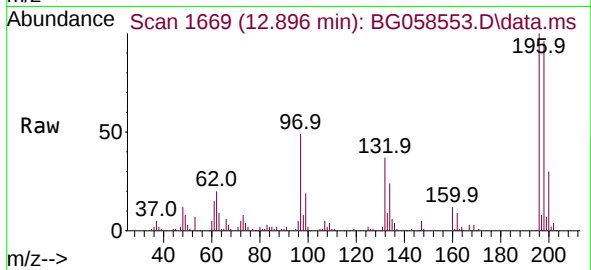
Tgt Ion:196 Resp: 116181

Ion Ratio Lower Upper

196 100

198 95.6 74.2 111.4

200 30.5 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 39.770 ng

RT: 12.972 min Scan# 1682

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Tgt Ion:196 Resp: 136692

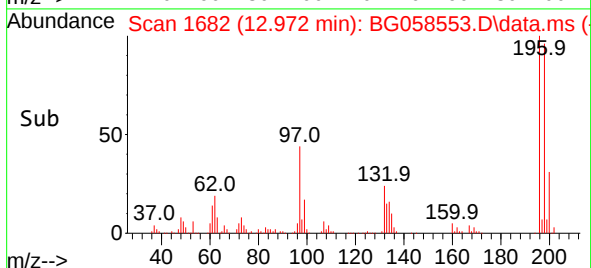
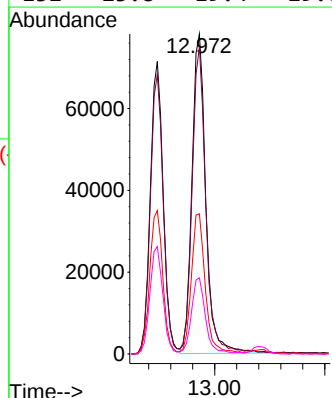
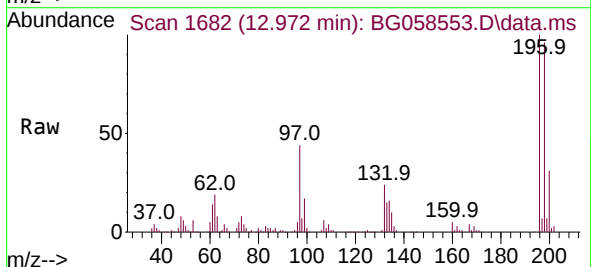
Ion Ratio Lower Upper

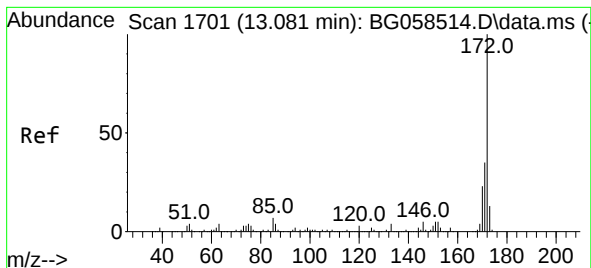
196 100

198 96.0 78.3 117.5

97 43.8 35.2 52.8

132 23.8 19.4 29.0

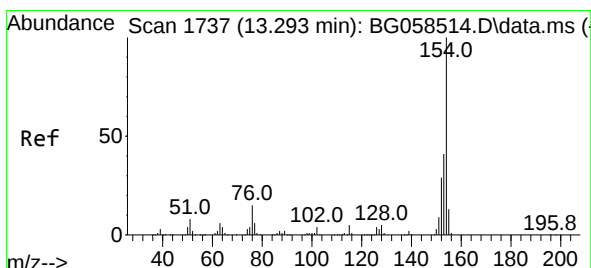
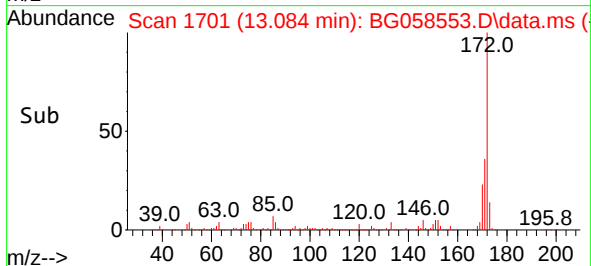
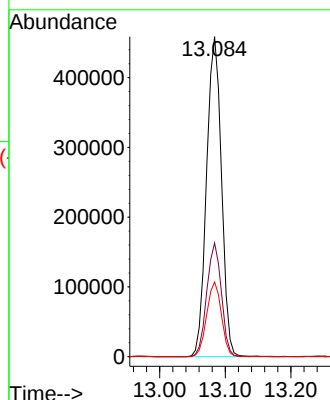
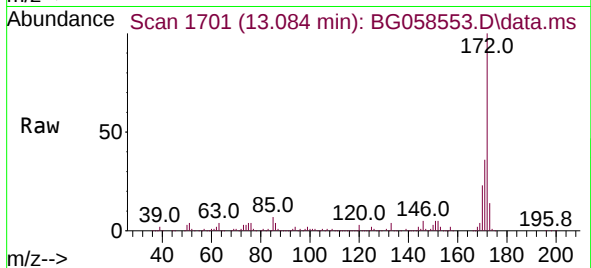




#45
2-Fluorobiphenyl
Concen: 78.710 ng
RT: 13.084 min Scan# 1701
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

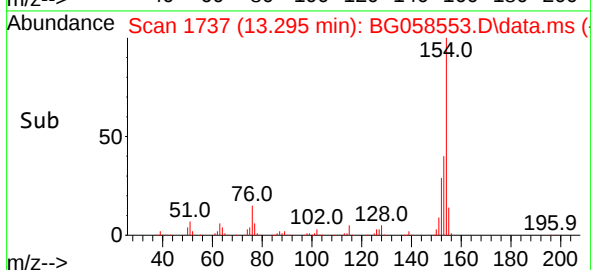
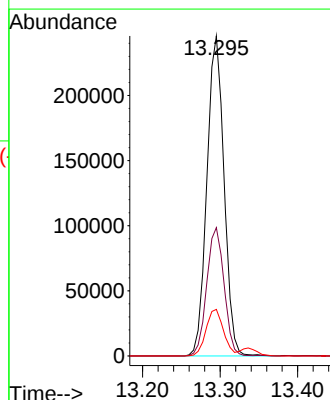
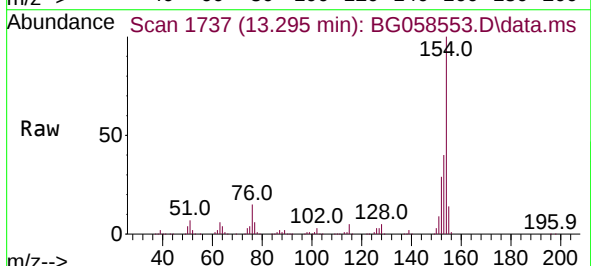
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

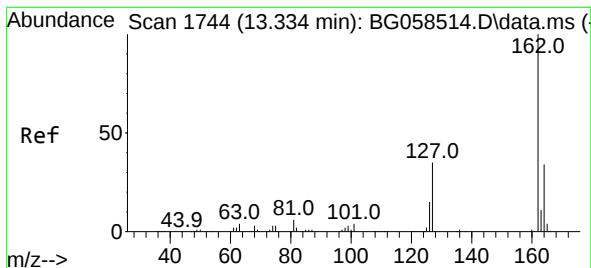
Tgt Ion:172 Resp: 725806
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.4 18.4 27.6



#46
1,1'-Biphenyl
Concen: 39.735 ng
RT: 13.295 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:154 Resp: 377093
Ion Ratio Lower Upper
154 100
153 40.1 21.2 61.2
76 14.5 0.0 34.7

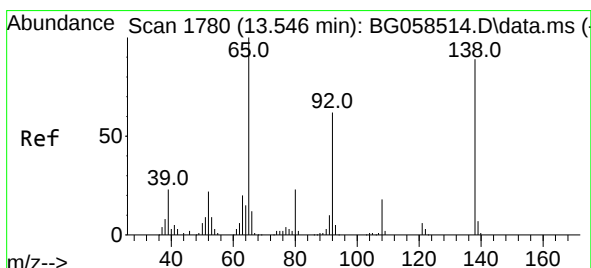
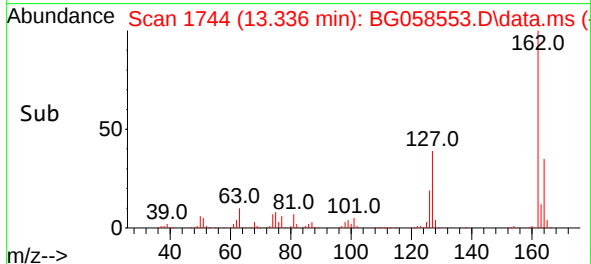
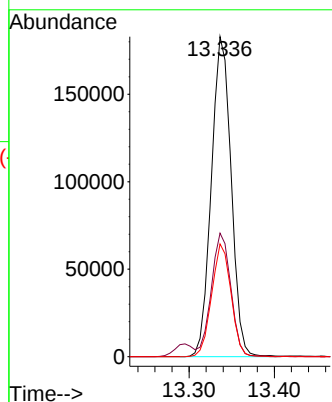
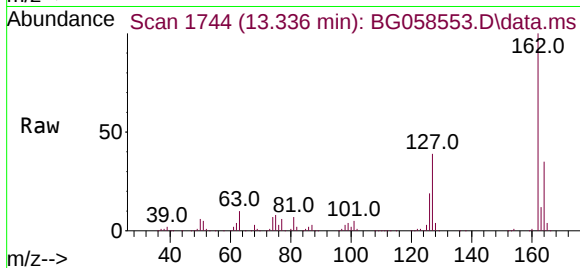




#47
2-Chloronaphthalene
Concen: 39.824 ng
RT: 13.336 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

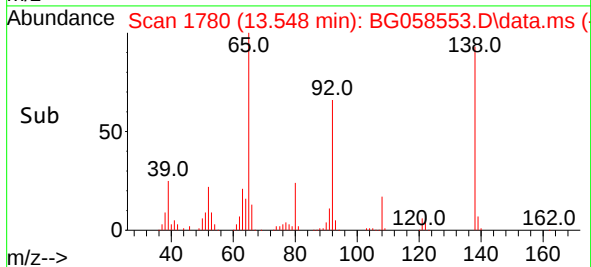
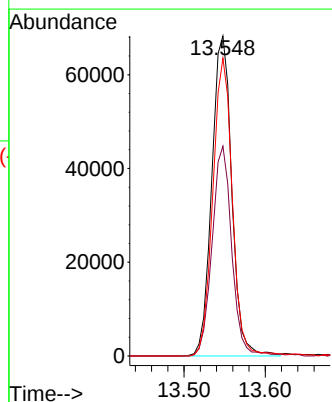
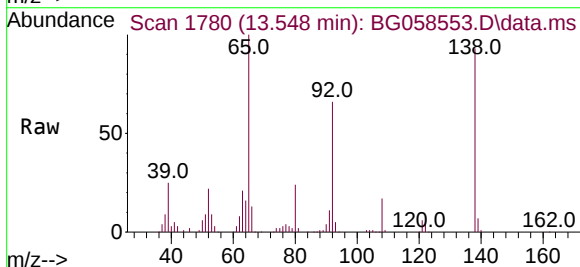
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

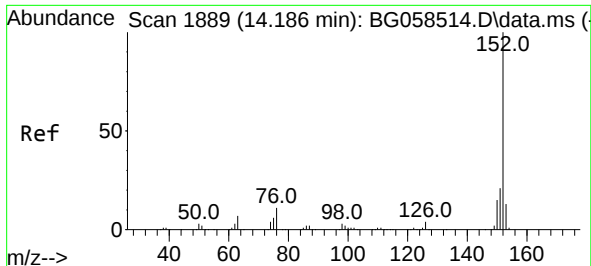
Tgt Ion:162 Resp: 294680
Ion Ratio Lower Upper
162 100
127 38.6 30.9 46.3
164 35.3 27.2 40.8



#48
2-Nitroaniline
Concen: 41.237 ng
RT: 13.548 min Scan# 1780
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion: 65 Resp: 116468
Ion Ratio Lower Upper
65 100
92 65.6 49.2 73.8
138 93.1 71.5 107.3





#49

Acenaphthylene

Concen: 40.322 ng

RT: 14.182 min Scan# 1889

Delta R.T. -0.004 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

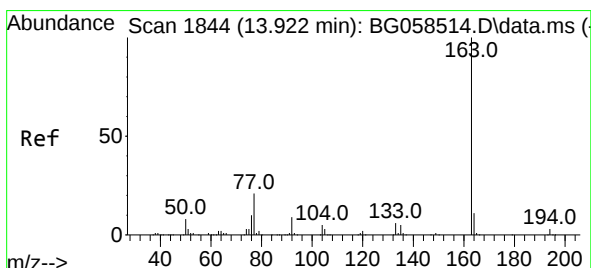
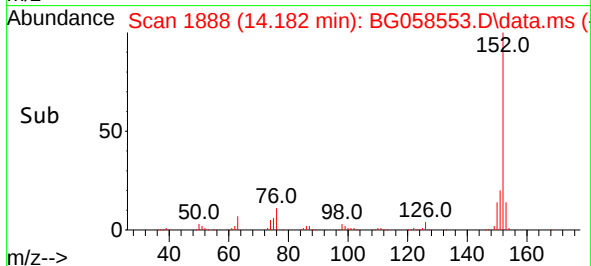
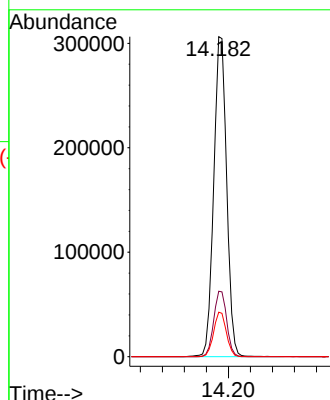
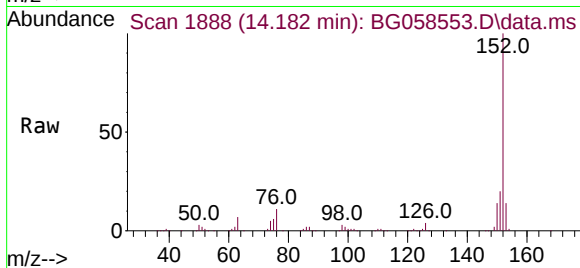
Tgt Ion:152 Resp: 499528

Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.9 10.7 16.1



#50

Dimethylphthalate

Concen: 40.650 ng

RT: 13.924 min Scan# 1844

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

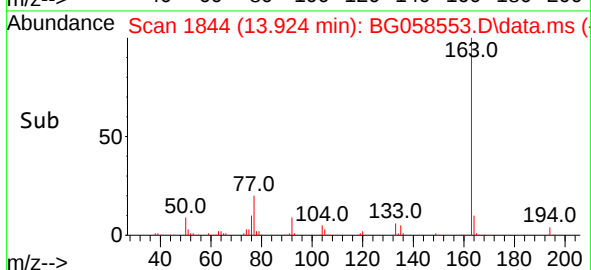
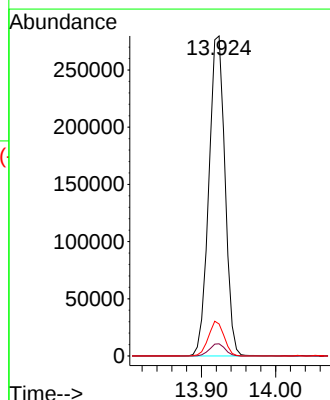
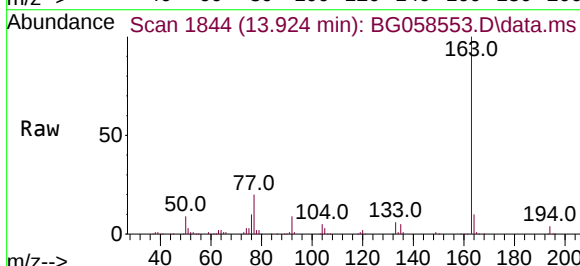
Tgt Ion:163 Resp: 421884

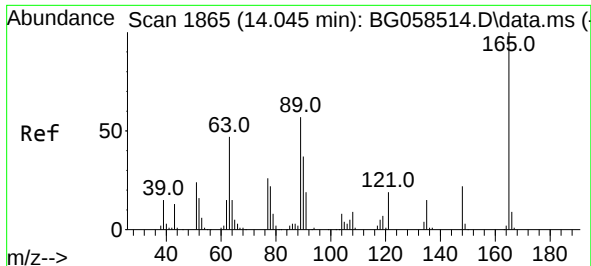
Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 10.0 8.6 12.8

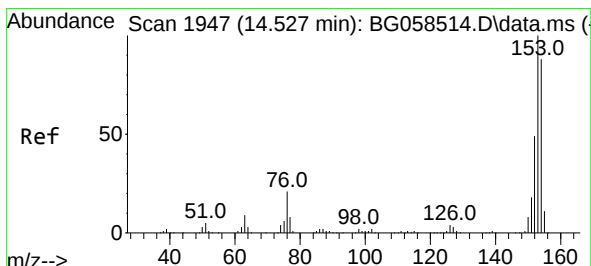
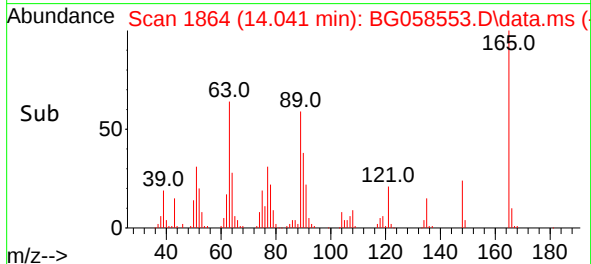
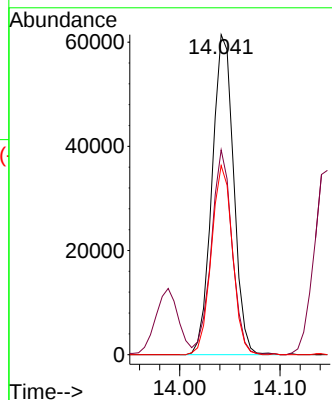
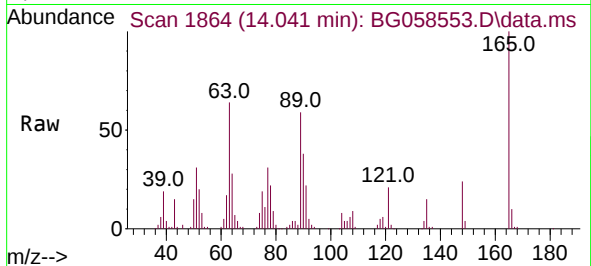




#51
2,6-Dinitrotoluene
Concen: 40.352 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

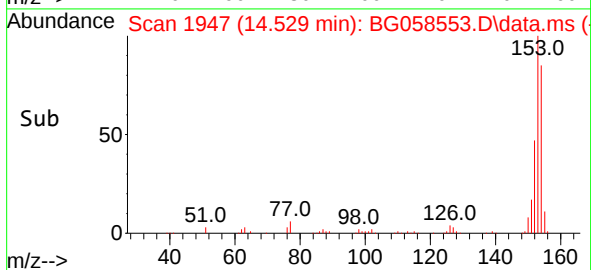
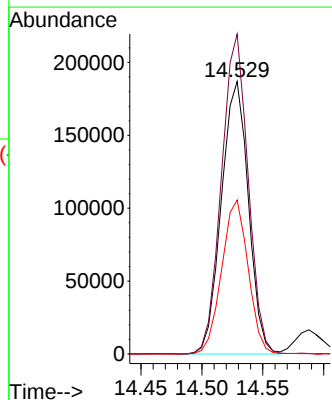
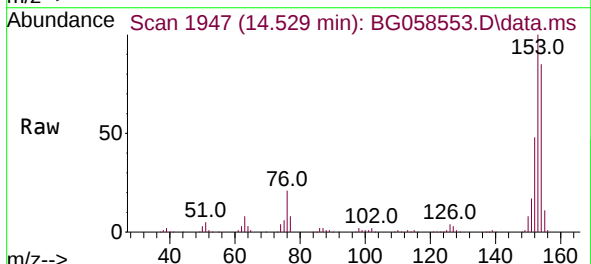
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

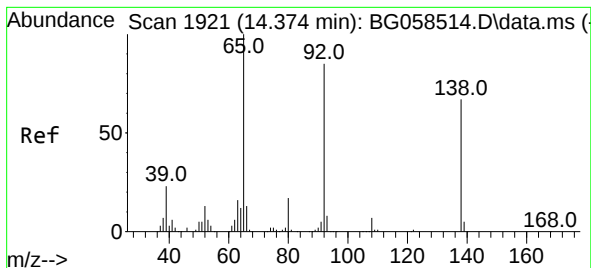
Tgt Ion:165 Resp: 91889
Ion Ratio Lower Upper
165 100
63 64.0 46.4 69.6
89 59.1 45.3 67.9



#52
Acenaphthene
Concen: 40.375 ng
RT: 14.529 min Scan# 1947
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:154 Resp: 289020
Ion Ratio Lower Upper
154 100
153 117.4 91.1 136.7
152 56.5 44.6 66.8

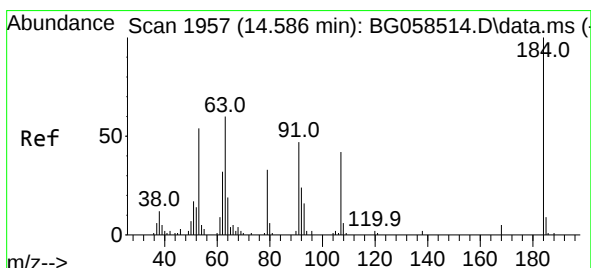
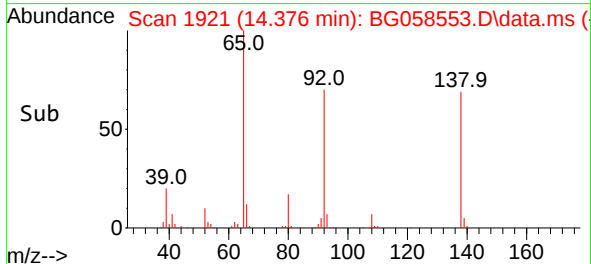
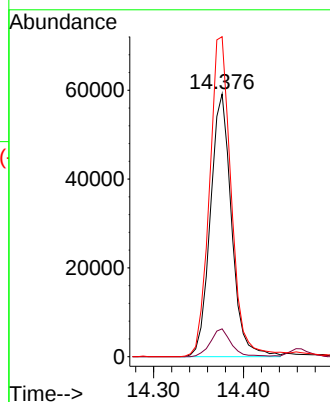
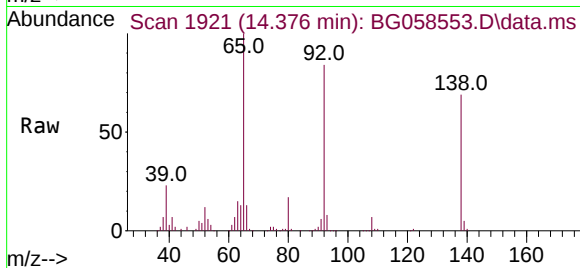




#53
3-Nitroaniline
Concen: 42.608 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

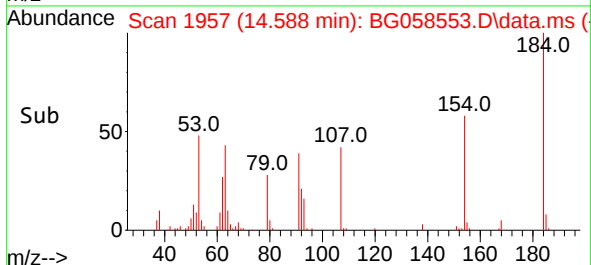
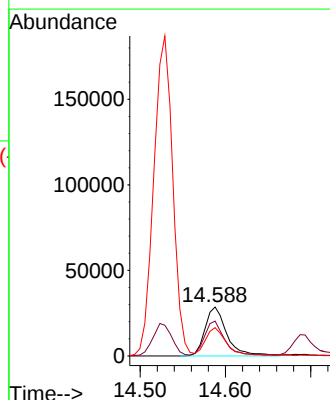
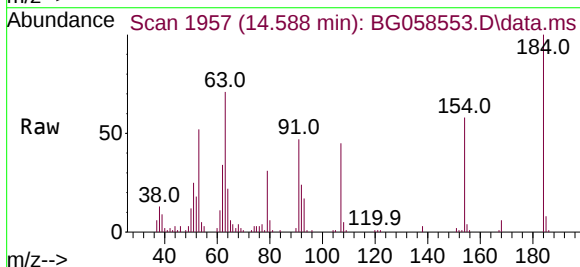
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

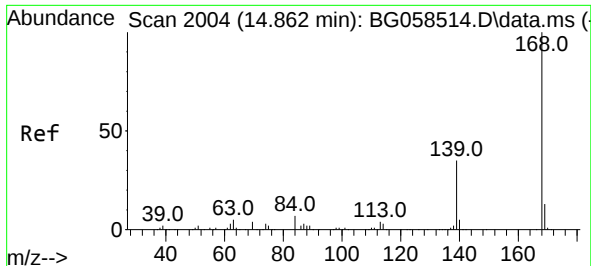
Tgt Ion:138 Resp: 97075
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 121.8 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 43.372 ng
RT: 14.588 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:184 Resp: 50824
Ion Ratio Lower Upper
184 100
63 71.1 56.7 85.1
154 58.0 46.1 69.1

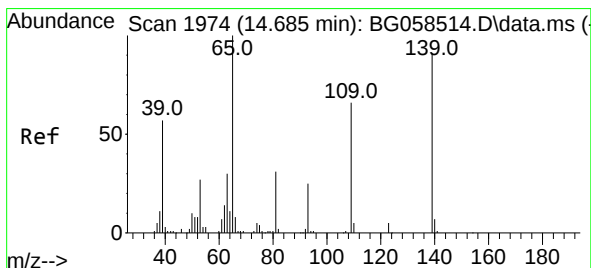
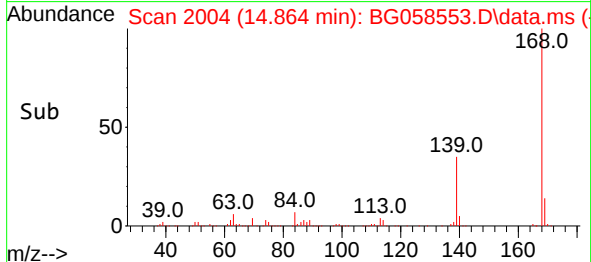
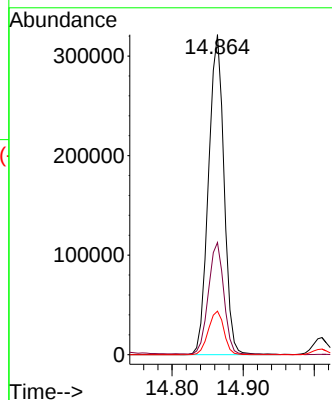
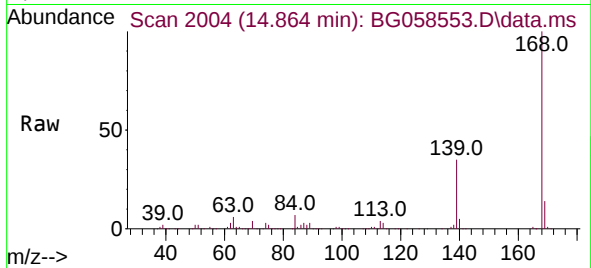




#55
Dibenzofuran
Concen: 39.700 ng
RT: 14.864 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

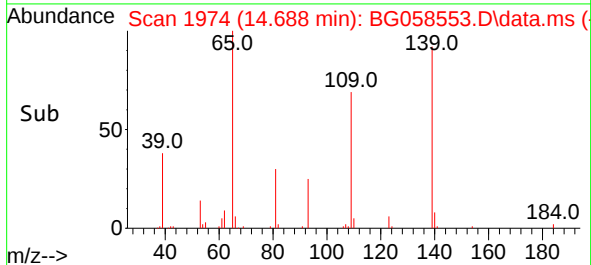
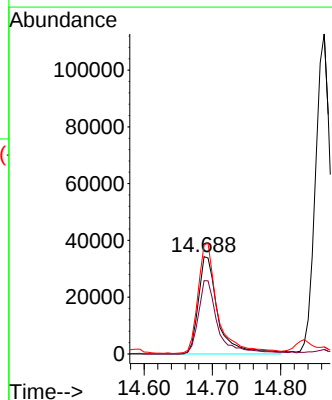
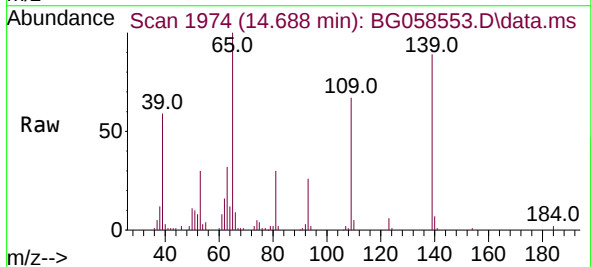
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

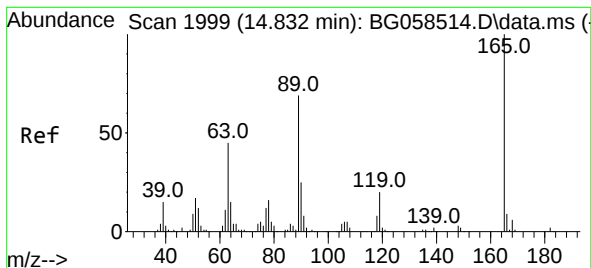
Tgt Ion:168 Resp: 488323
Ion Ratio Lower Upper
168 100
139 35.1 27.8 41.8
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 42.315 ng
RT: 14.688 min Scan# 1974
Delta R.T. 0.003 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:139 Resp: 68678
Ion Ratio Lower Upper
139 100
109 75.3 52.5 92.5
65 112.0 90.5 130.5

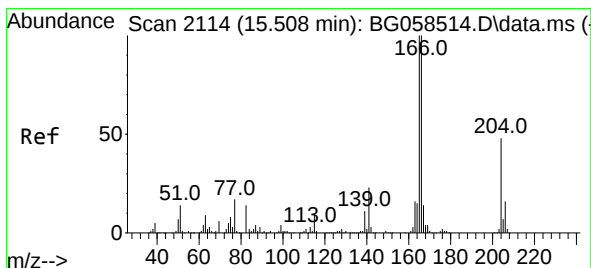
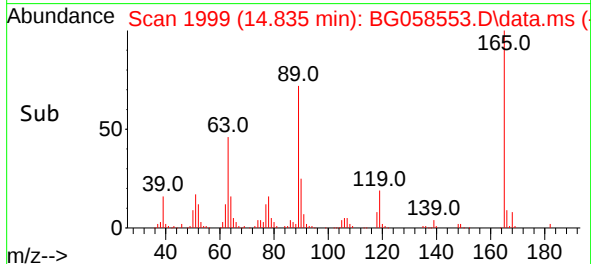
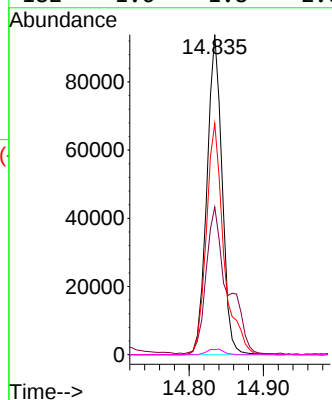
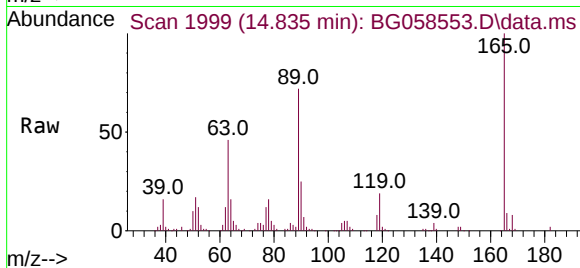




#57
2,4-Dinitrotoluene
Concen: 42.342 ng
RT: 14.835 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

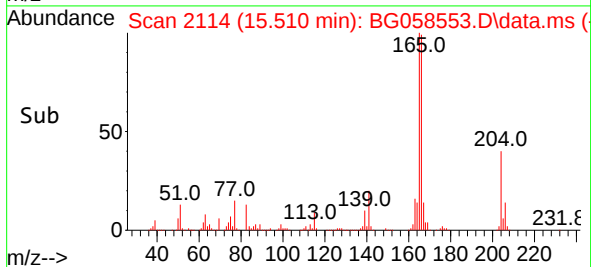
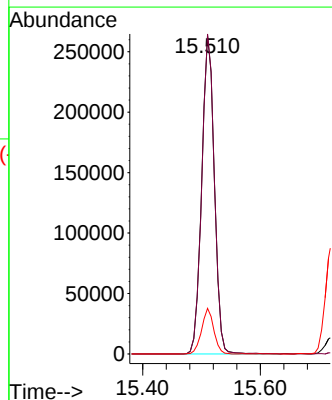
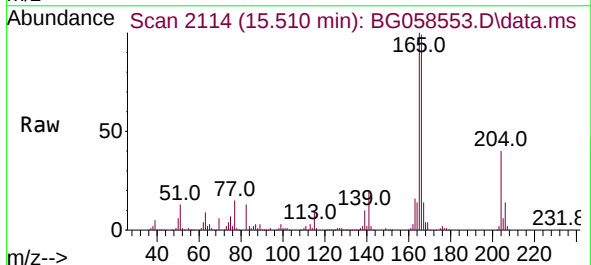
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

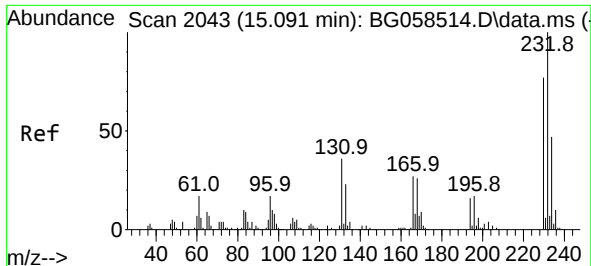
Tgt Ion:165 Resp: 133675
Ion Ratio Lower Upper
165 100
63 46.1 36.6 54.8
89 72.3 55.4 83.0
182 1.6 1.8 2.6#



#58
Fluorene
Concen: 40.132 ng
RT: 15.510 min Scan# 2114
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:166 Resp: 392149
Ion Ratio Lower Upper
166 100
165 100.5 80.0 120.0
167 14.3 11.3 16.9

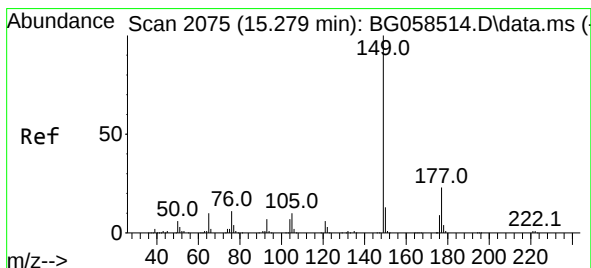
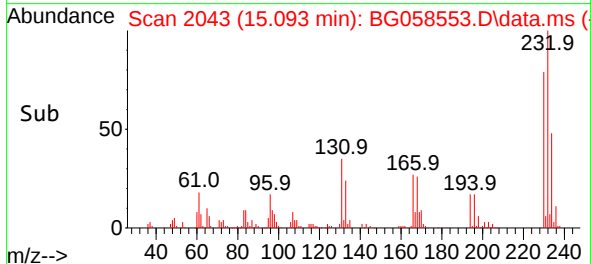
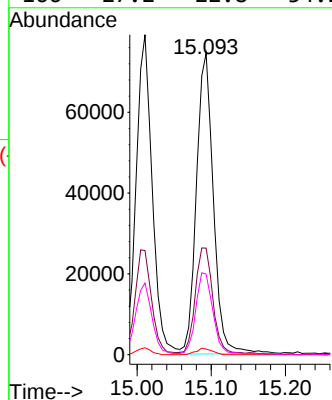
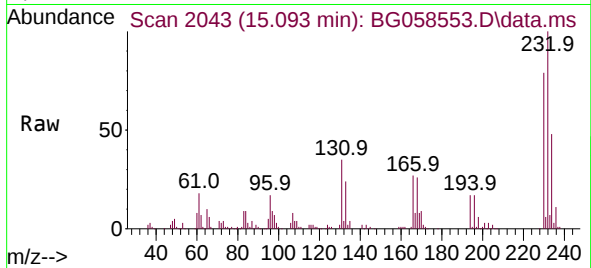




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.333 ng
RT: 15.093 min Scan# 2043
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

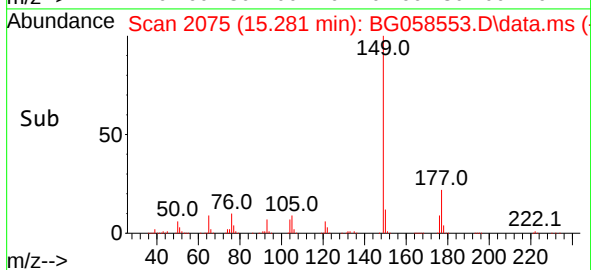
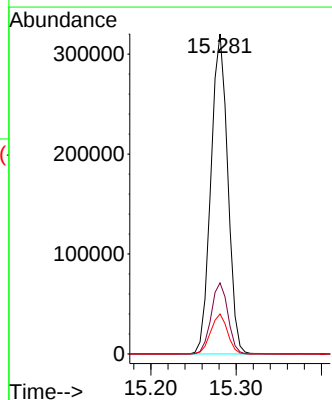
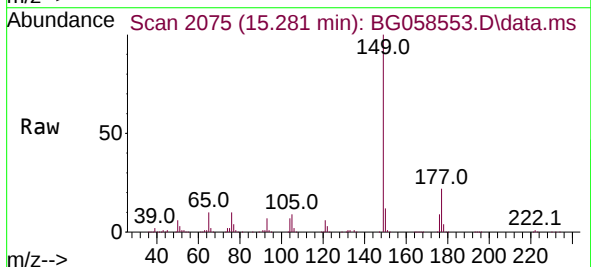
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

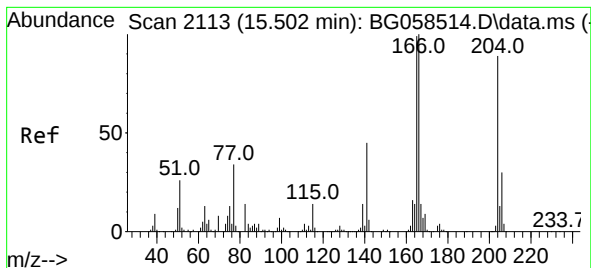
Tgt Ion:232 Resp: 118293
Ion Ratio Lower Upper
232 100
131 38.1 30.0 45.0
130 2.0 1.5 2.3
166 27.2 22.8 34.2



#60
Diethylphthalate
Concen: 41.490 ng
RT: 15.281 min Scan# 2075
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:149 Resp: 438678
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.4
150 12.5 10.2 15.4

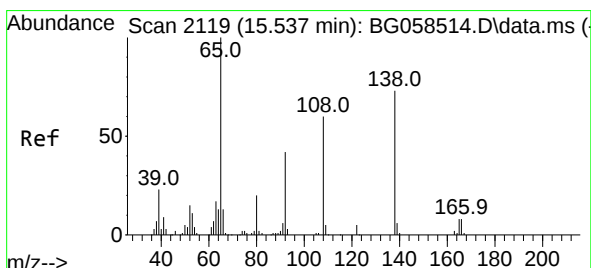
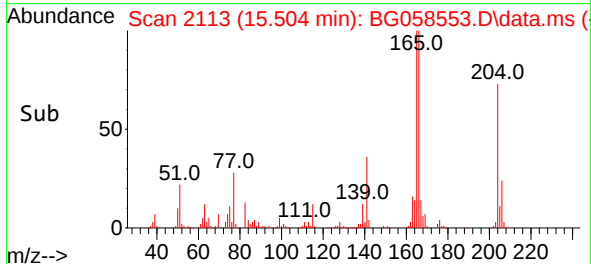
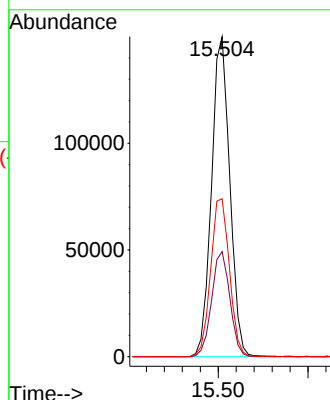
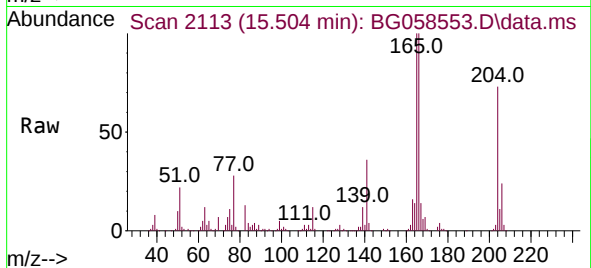




#61
4-Chlorophenyl-phenylether
Concen: 38.828 ng
RT: 15.504 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

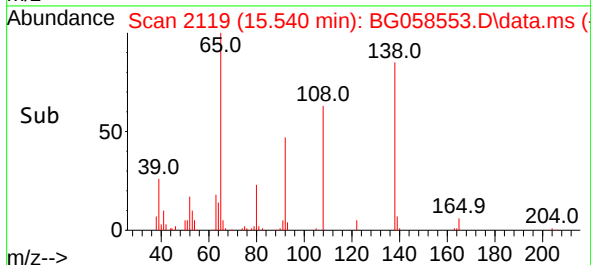
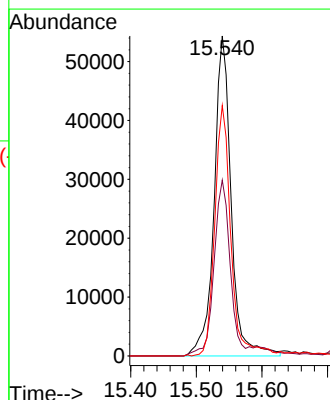
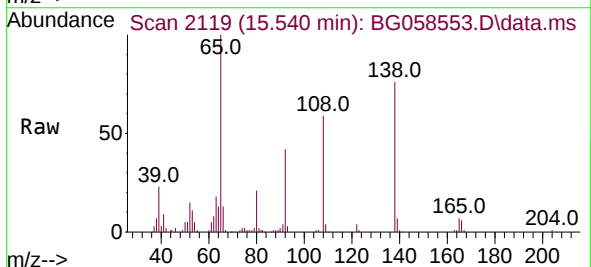
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

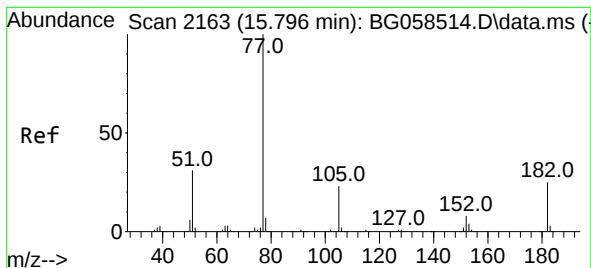
Tgt Ion:204 Resp: 211524
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 49.3 40.8 61.2



#62
4-Nitroaniline
Concen: 45.314 ng
RT: 15.540 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:138 Resp: 97800
Ion Ratio Lower Upper
138 100
92 55.0 37.3 77.3
108 78.3 62.6 102.6





#63

Azobenzene

Concen: 40.014 ng

RT: 15.798 min Scan# 2163

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 416713

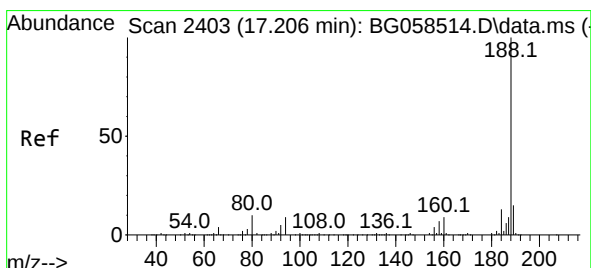
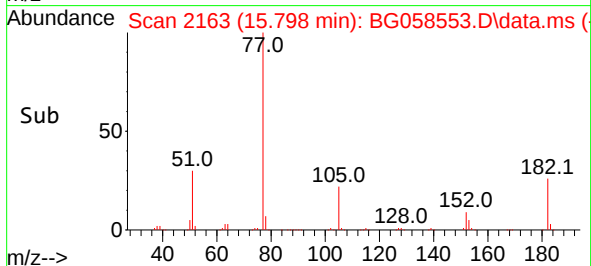
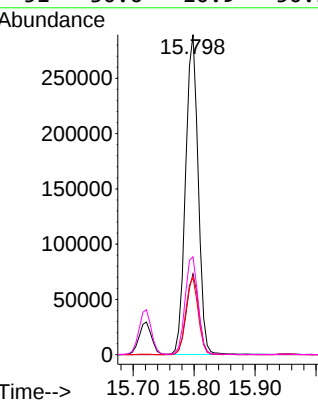
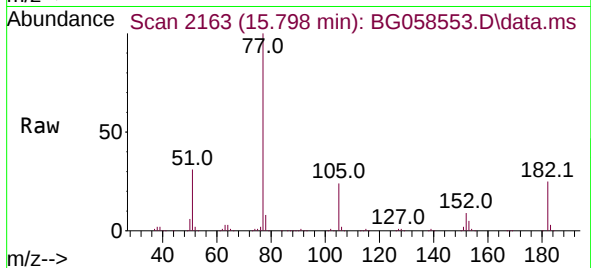
Ion Ratio Lower Upper

77 100

182 25.3 4.6 44.6

105 24.1 3.3 43.3

51 30.6 10.9 50.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.208 min Scan# 2403

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

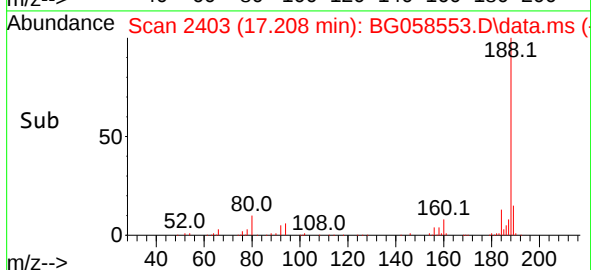
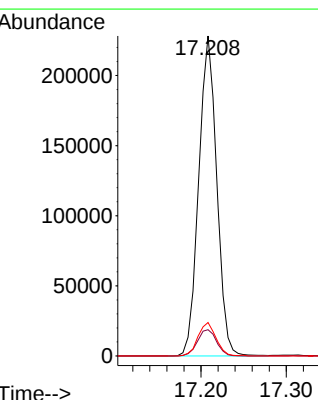
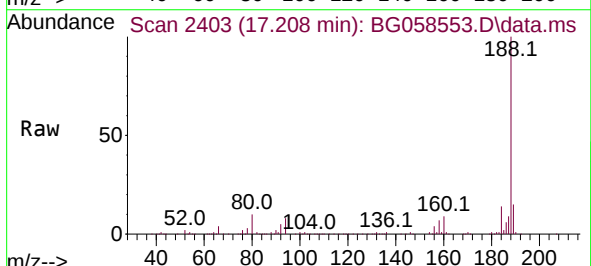
Tgt Ion:188 Resp: 335504

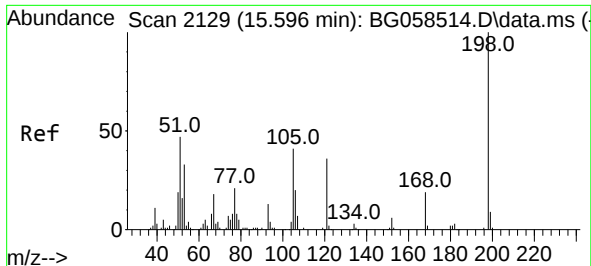
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 10.5 8.1 12.1

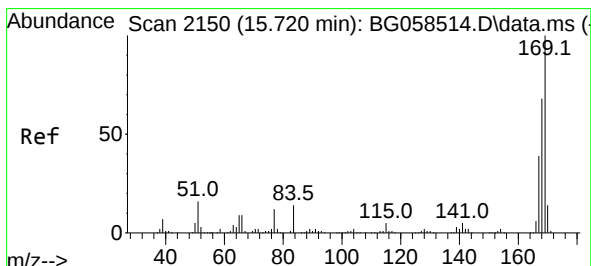
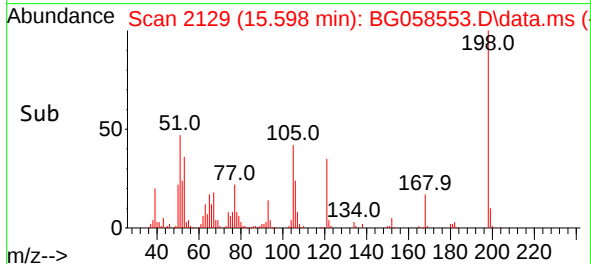
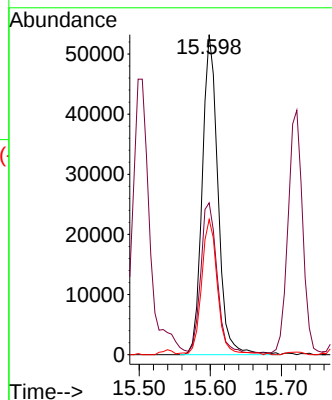
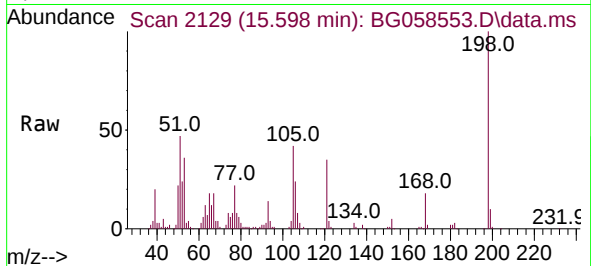




#65
4,6-Dinitro-2-methylphenol
Concen: 44.334 ng
RT: 15.598 min Scan# 2129
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

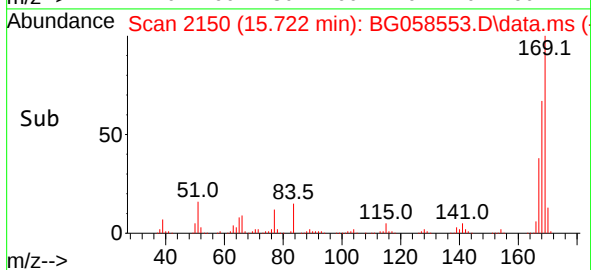
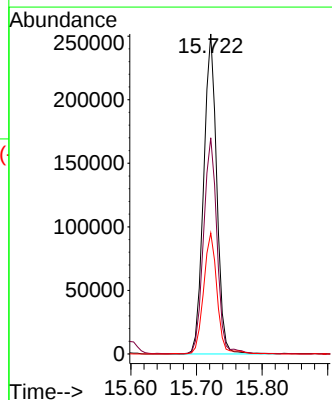
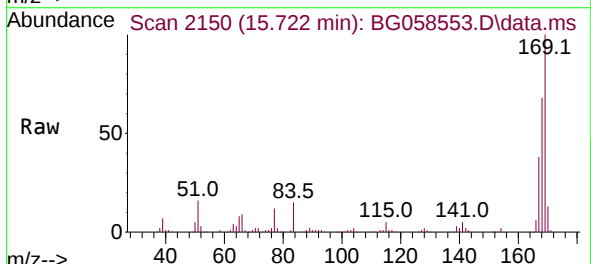
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

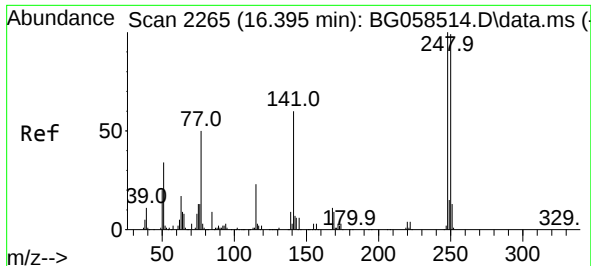
Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.5	29.3	69.3
105	42.2	21.0	61.0



#66
n-Nitrosodiphenylamine
Concen: 40.023 ng
RT: 15.722 min Scan# 2150
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.6	82.0
167	37.8	31.3	46.9

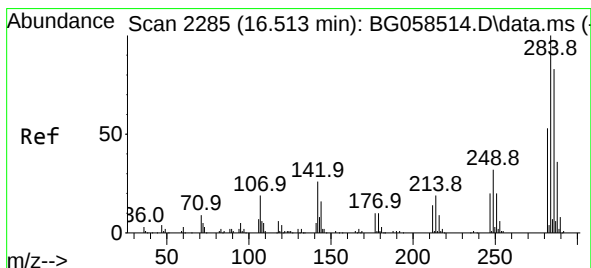
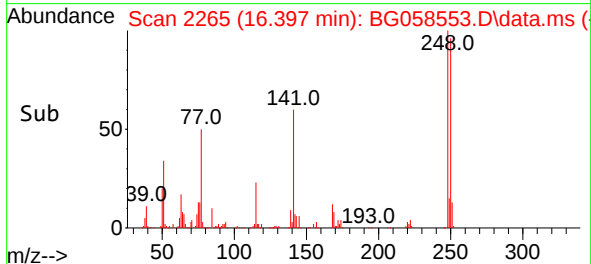
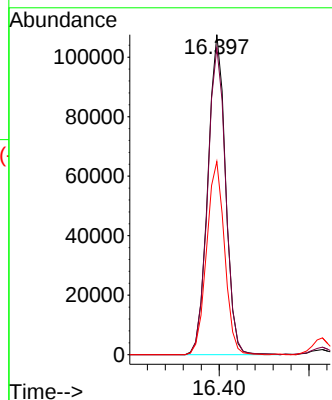
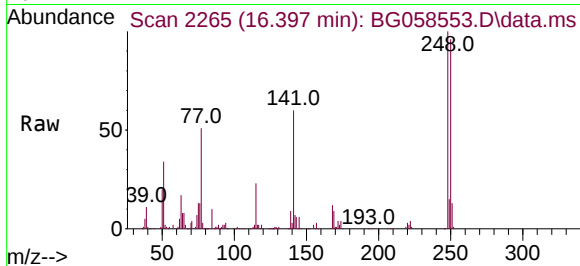




#67
4-Bromophenyl-phenylether
Concen: 38.666 ng
RT: 16.397 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

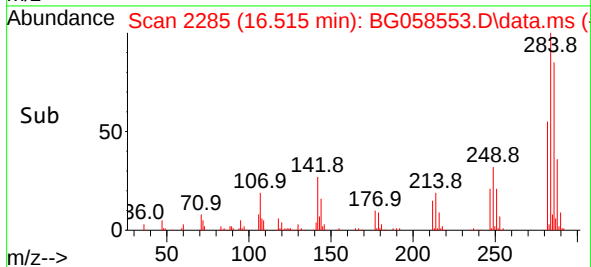
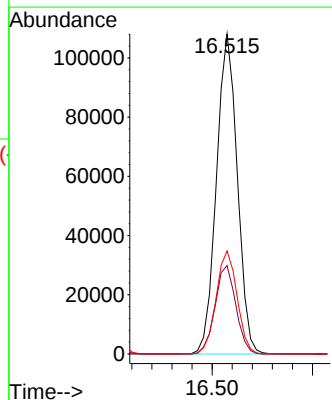
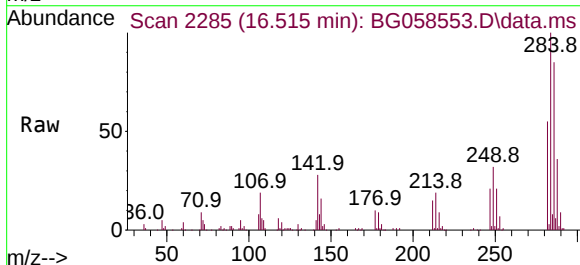
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

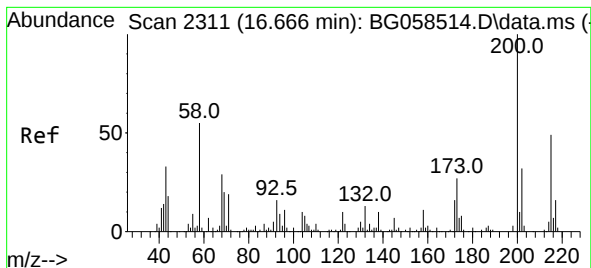
Tgt Ion:248 Resp: 147136
Ion Ratio Lower Upper
248 100
250 96.0 79.5 119.3
141 60.3 48.2 72.2



#68
Hexachlorobenzene
Concen: 38.624 ng
RT: 16.515 min Scan# 2285
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:284 Resp: 155744
Ion Ratio Lower Upper
284 100
142 27.6 21.0 31.4
249 32.2 25.5 38.3





#69

Atrazine

Concen: 40.361 ng

RT: 16.668 min Scan# 2311

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

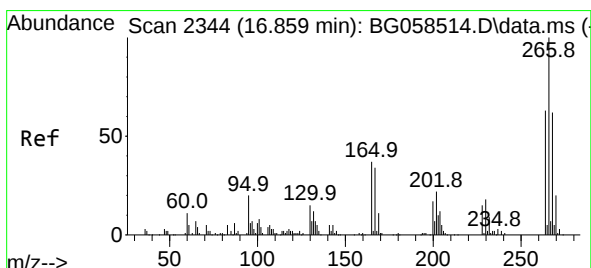
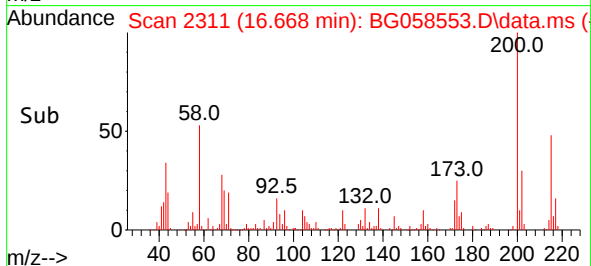
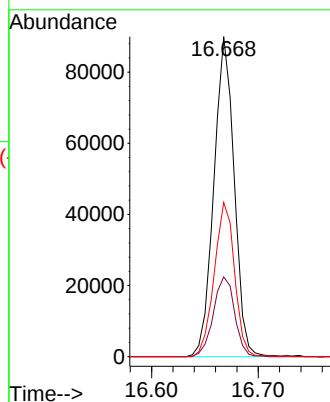
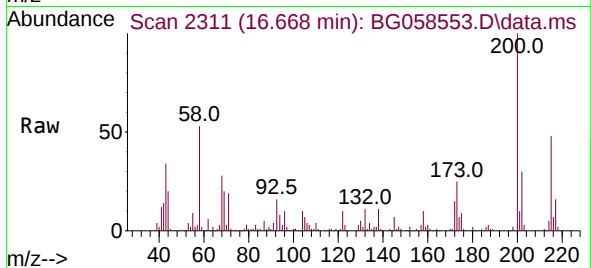
Tgt Ion:200 Resp: 118977

Ion Ratio Lower Upper

200 100

173 24.9 6.5 46.5

215 48.2 28.9 68.9



#70

Pentachlorophenol

Concen: 44.365 ng

RT: 16.862 min Scan# 2344

Delta R.T. 0.003 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

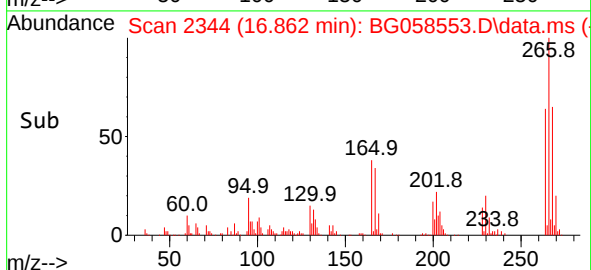
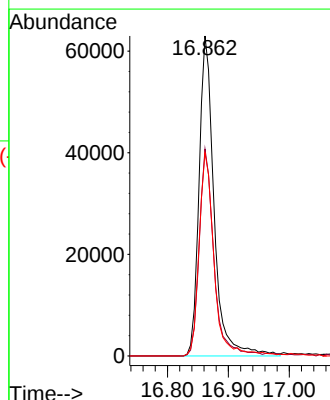
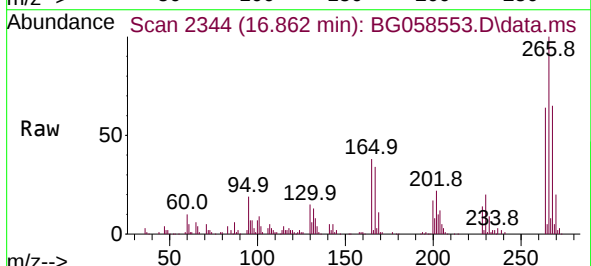
Tgt Ion:266 Resp: 108282

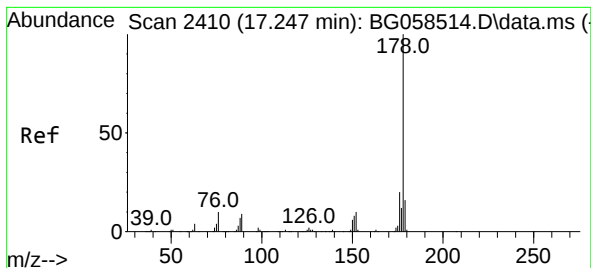
Ion Ratio Lower Upper

266 100

268 64.6 49.9 74.9

264 63.6 50.2 75.4





#71

Phenanthrene

Concen: 40.150 ng

RT: 17.249 min Scan# 2410

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

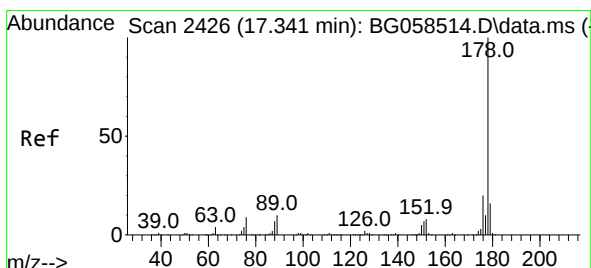
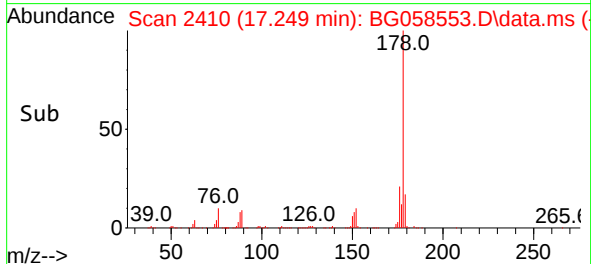
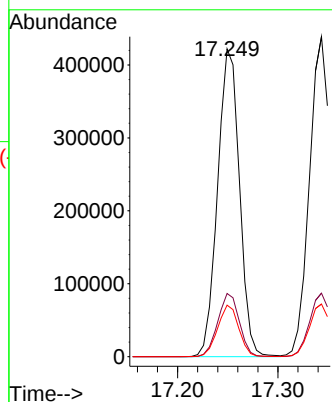
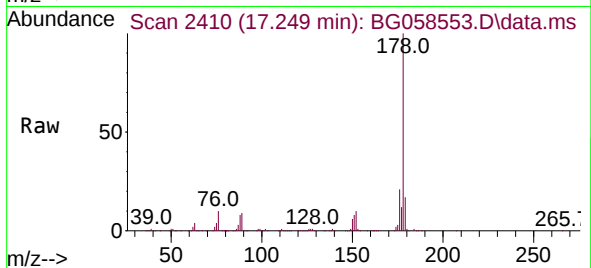
Tgt Ion:178 Resp: 638827

Ion Ratio Lower Upper

178 100

176 20.5 16.3 24.5

179 16.7 13.1 19.7



#72

Anthracene

Concen: 40.160 ng

RT: 17.343 min Scan# 2426

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

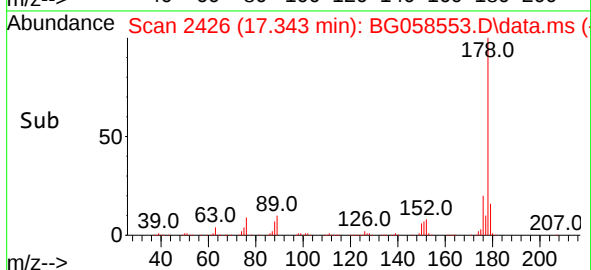
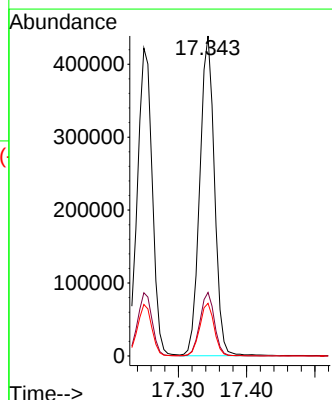
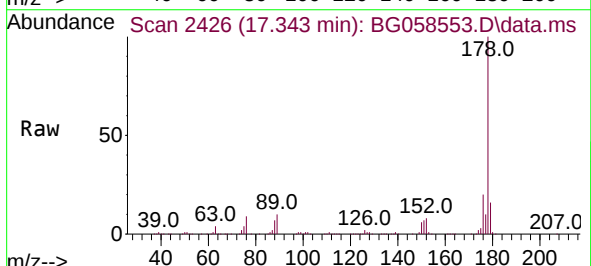
Tgt Ion:178 Resp: 655658

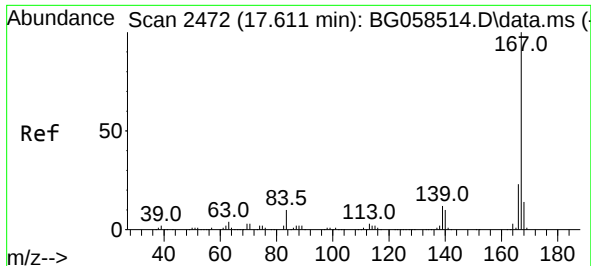
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 16.4 12.9 19.3

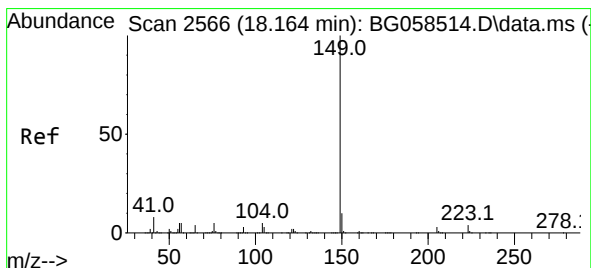
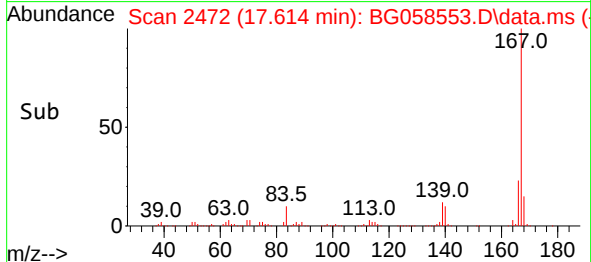
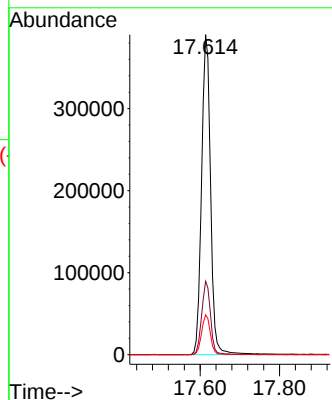
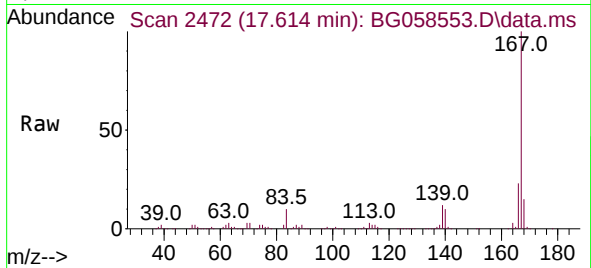




#73
 Carbazole
 Concen: 42.711 ng
 RT: 17.614 min Scan# 2472
 Delta R.T. 0.002 min
 Lab File: BG058553.D
 Acq: 1 Aug 2023 8:23

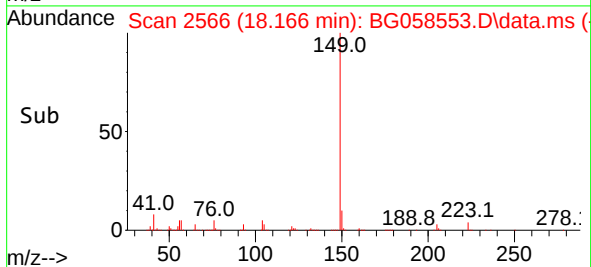
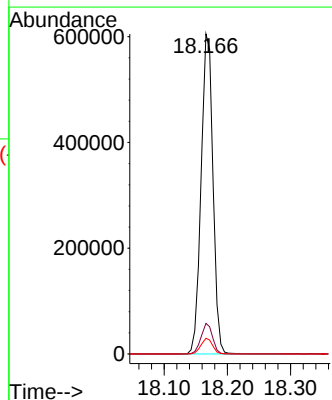
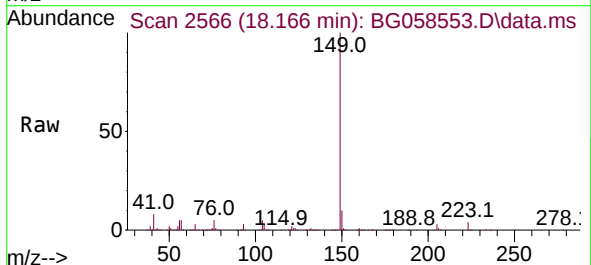
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

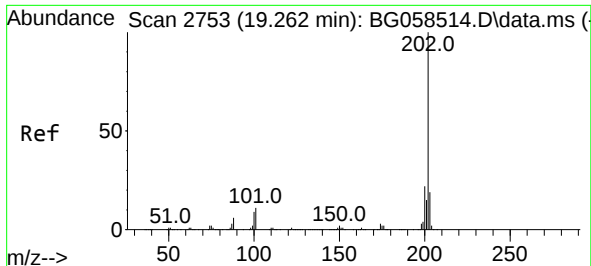
Tgt Ion:167 Resp: 614896
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.709 ng
 RT: 18.166 min Scan# 2566
 Delta R.T. 0.002 min
 Lab File: BG058553.D
 Acq: 1 Aug 2023 8:23

Tgt Ion:149 Resp: 788196
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.9 4.0 6.0

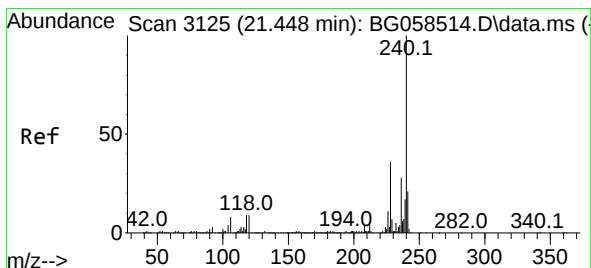
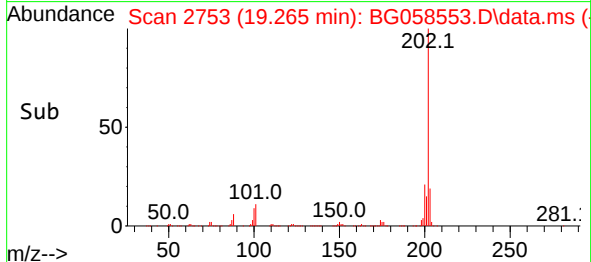
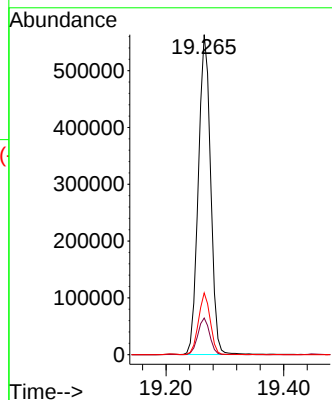
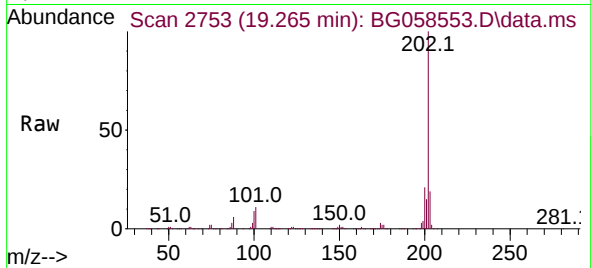




#75
Fluoranthene
Concen: 42.586 ng
RT: 19.265 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

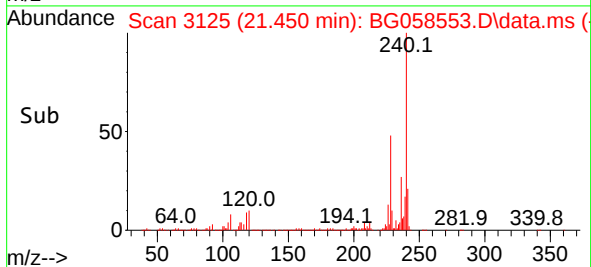
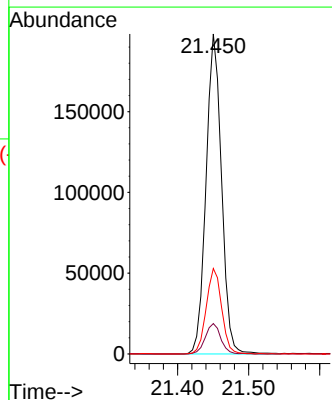
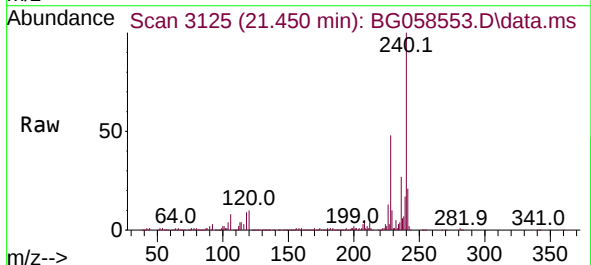
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

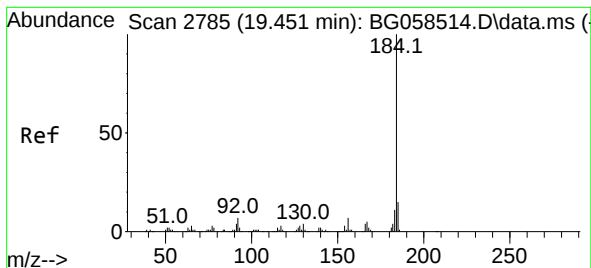
Tgt Ion:202 Resp: 813934
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 19.3 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:240 Resp: 300369
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.7 22.2 33.4





#77

Benzidine

Concen: 57.162 ng

RT: 19.453 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

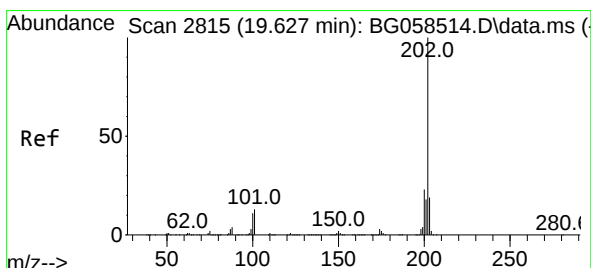
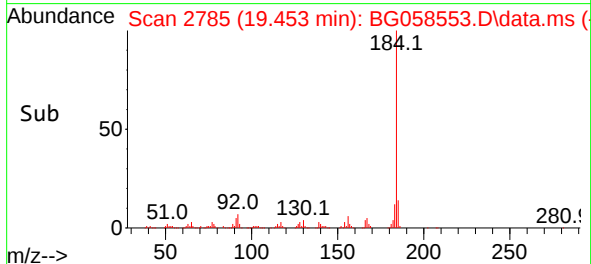
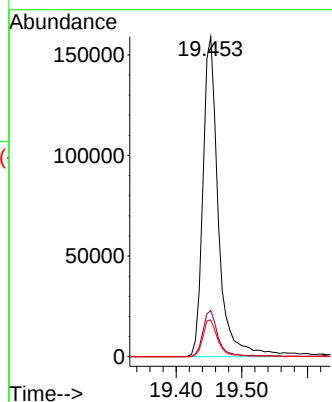
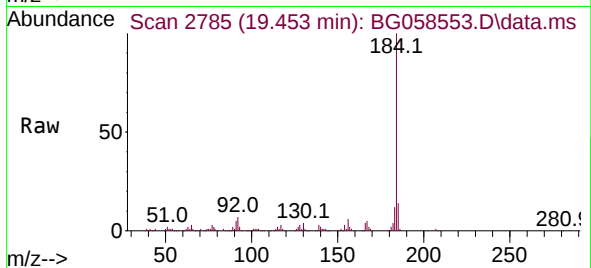
Tgt Ion:184 Resp: 260363

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.5 8.7 13.1



#78

Pyrene

Concen: 41.087 ng

RT: 19.629 min Scan# 2815

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

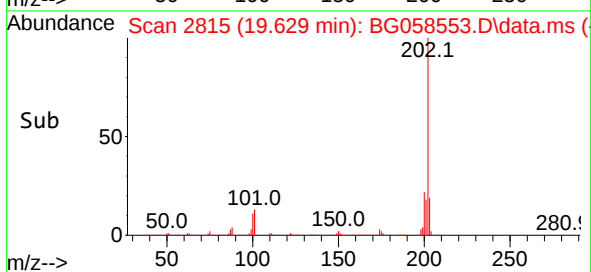
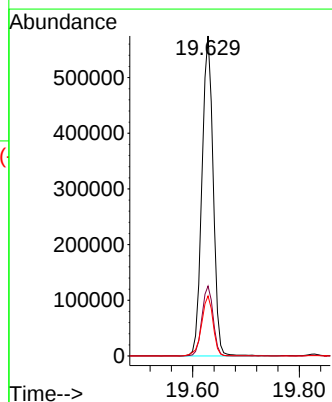
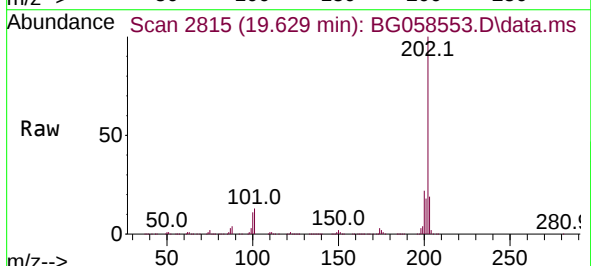
Tgt Ion:202 Resp: 839898

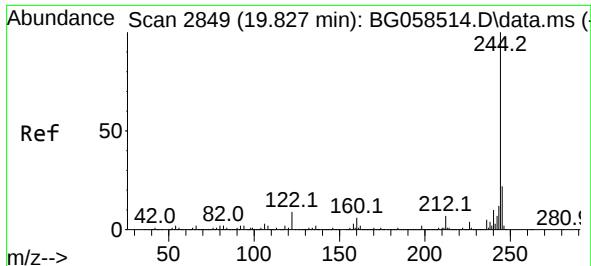
Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.2

203 18.8 15.1 22.7

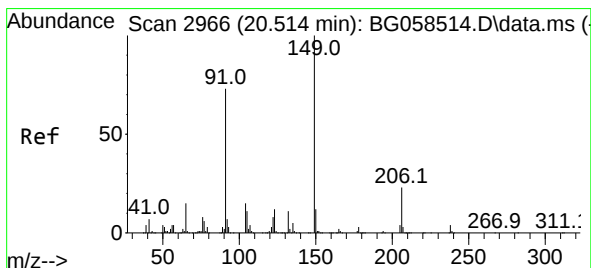
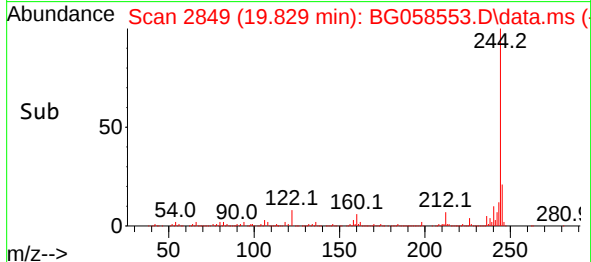
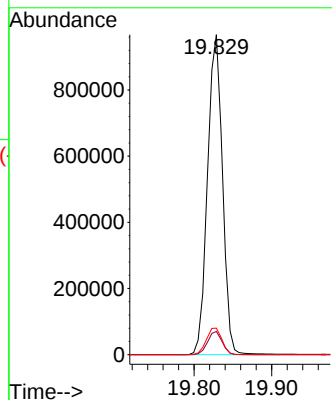
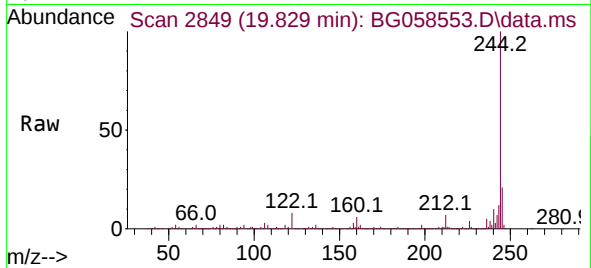




#79
 Terphenyl-d14
 Concen: 81.200 ng
 RT: 19.829 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG058553.D
 Acq: 1 Aug 2023 8:23

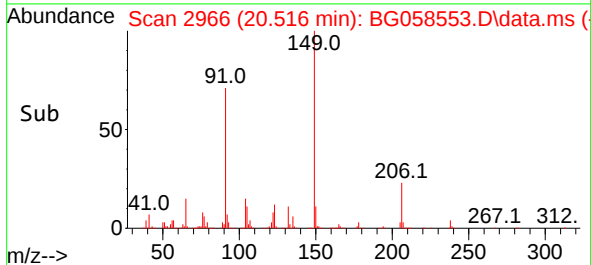
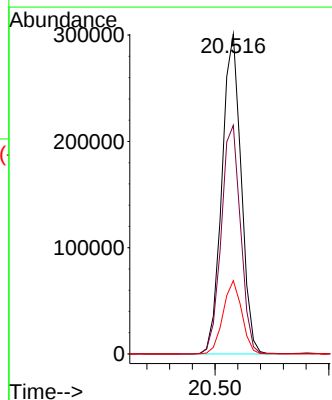
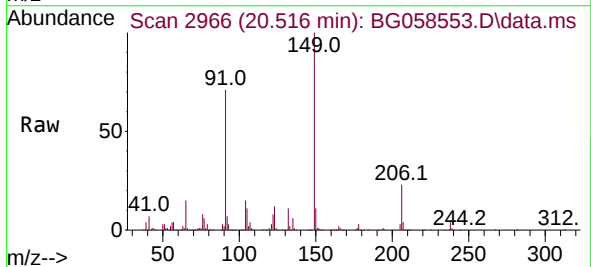
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

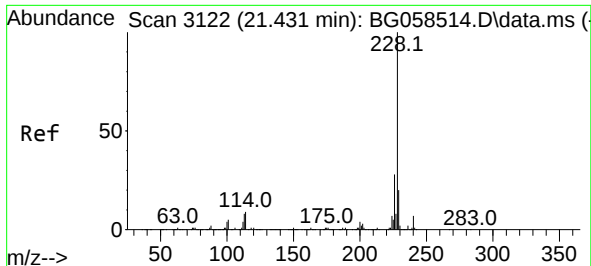
Tgt Ion:244 Resp: 1296977
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.3 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 42.044 ng
 RT: 20.516 min Scan# 2966
 Delta R.T. 0.002 min
 Lab File: BG058553.D
 Acq: 1 Aug 2023 8:23

Tgt Ion:149 Resp: 353027
 Ion Ratio Lower Upper
 149 100
 91 71.5 58.4 87.6
 206 22.9 18.3 27.5

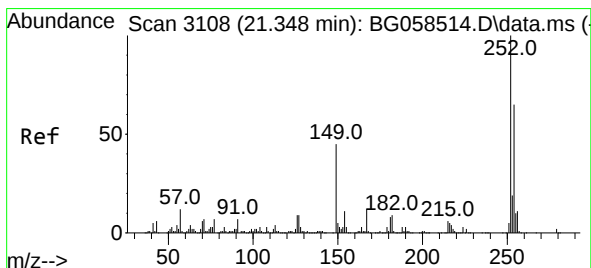
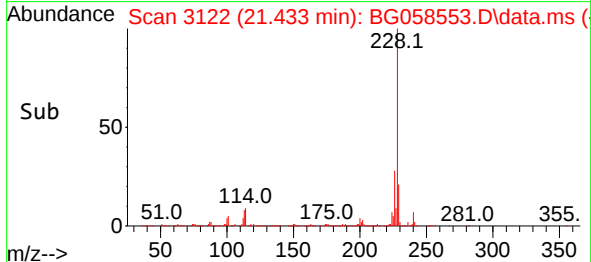
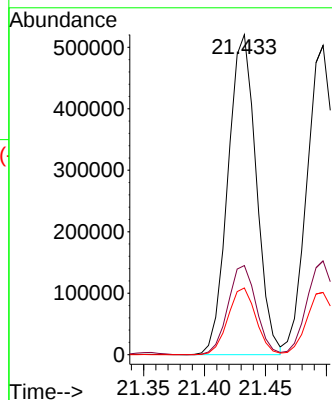
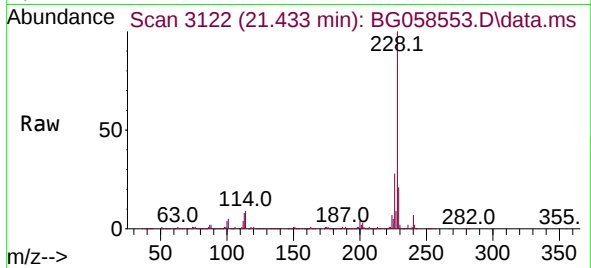




#81
Benzo(a)anthracene
Concen: 40.617 ng
RT: 21.433 min Scan# 3122
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

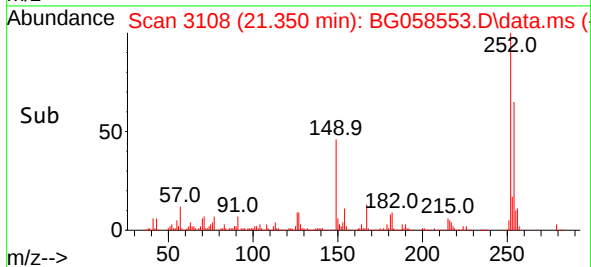
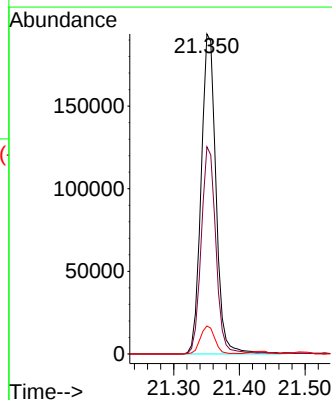
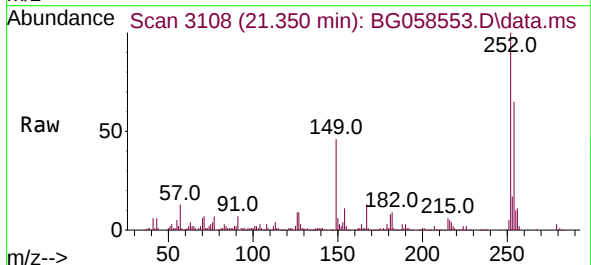
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

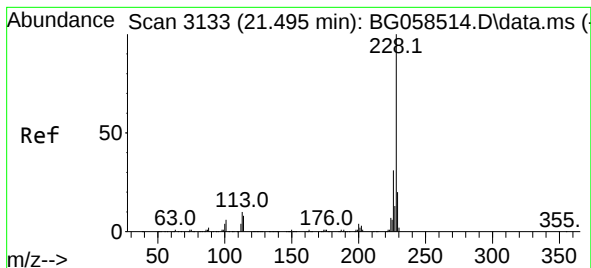
Tgt Ion:228 Resp: 839597
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 43.630 ng
RT: 21.350 min Scan# 3108
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:252 Resp: 304932
Ion Ratio Lower Upper
252 100
254 64.7 52.2 78.4
126 8.7 7.2 10.8





#83

Chrysene

Concen: 40.908 ng

RT: 21.497 min Scan# 3133

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

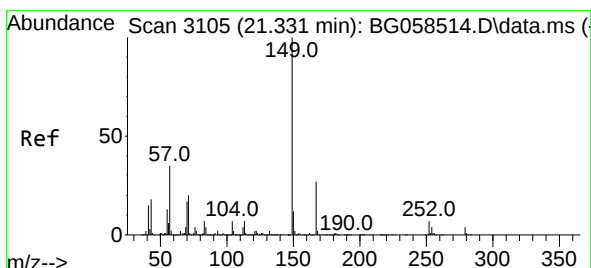
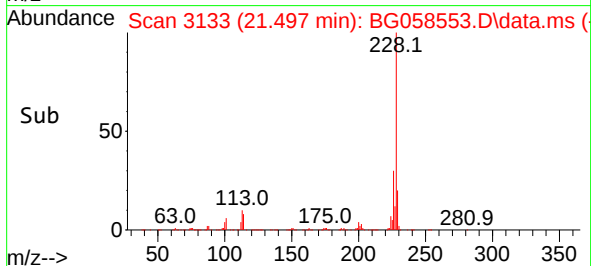
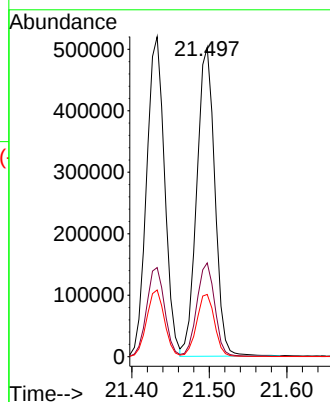
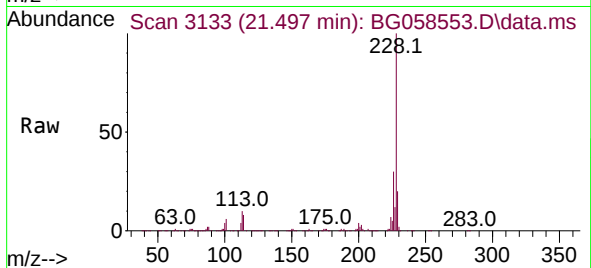
Tgt Ion:228 Resp: 810773

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 20.1 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.543 ng

RT: 21.333 min Scan# 3105

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

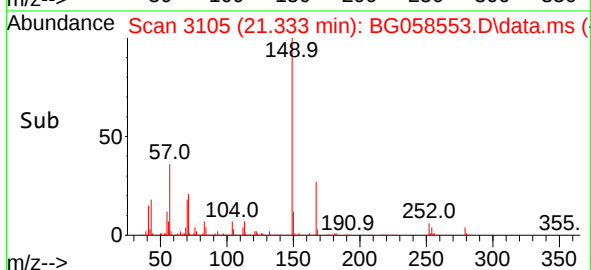
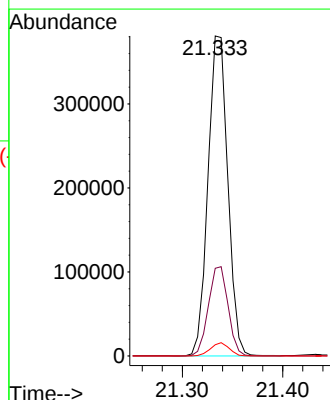
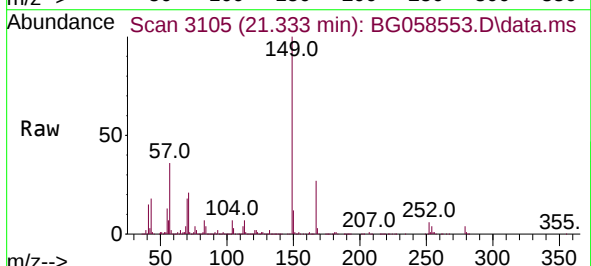
Tgt Ion:149 Resp: 522012

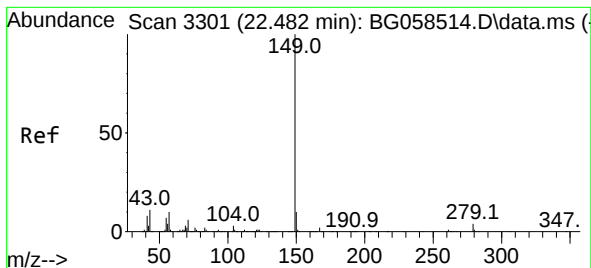
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 42.518 ng

RT: 22.484 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

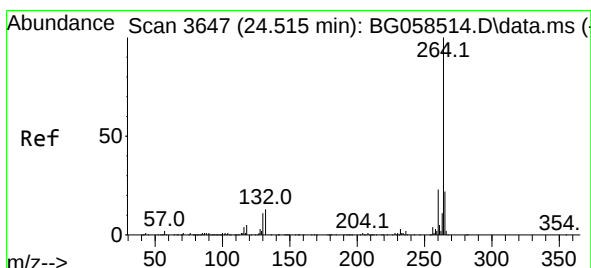
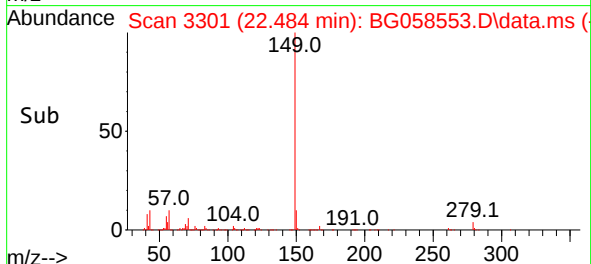
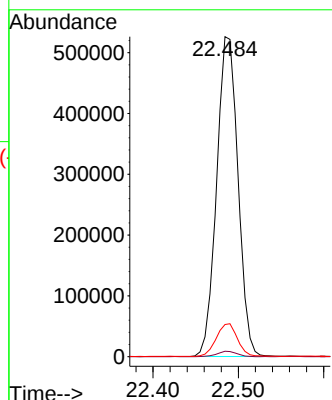
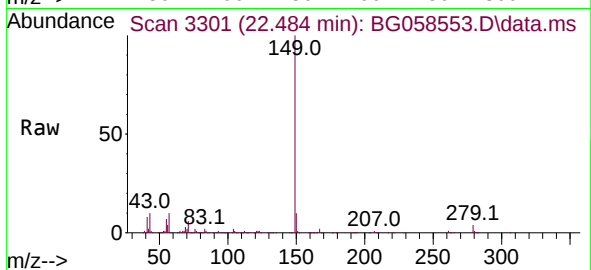
Tgt Ion:149 Resp: 917226

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.523 min Scan# 3648

Delta R.T. 0.008 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

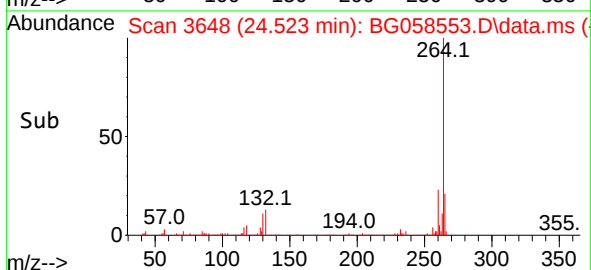
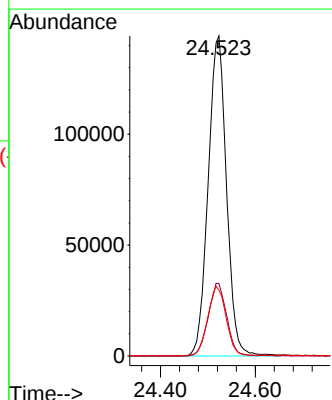
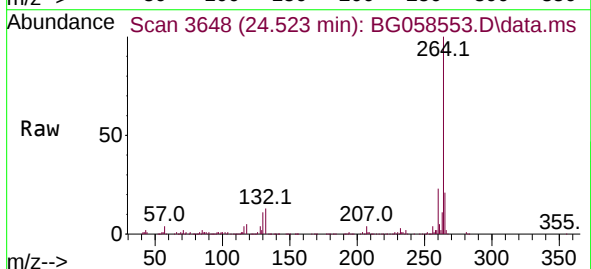
Tgt Ion:264 Resp: 387535

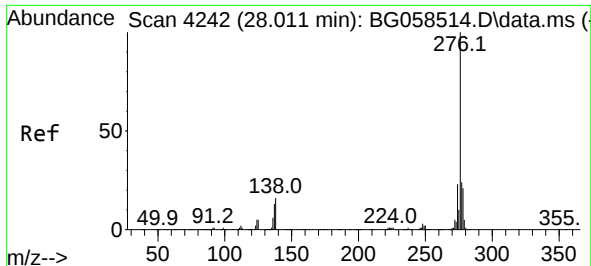
Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 20.6 17.9 26.9

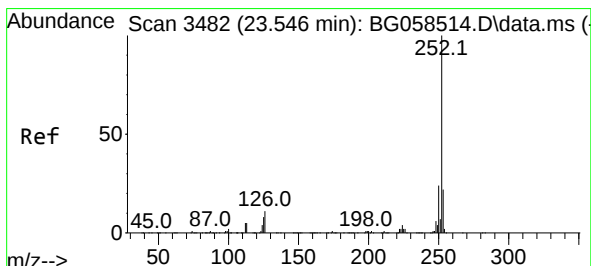
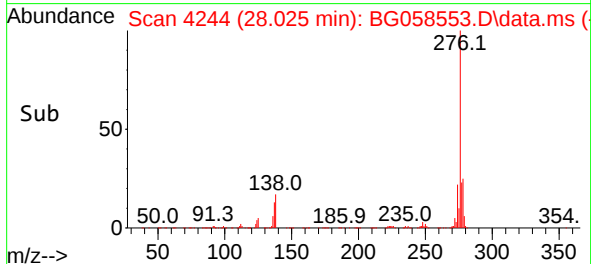
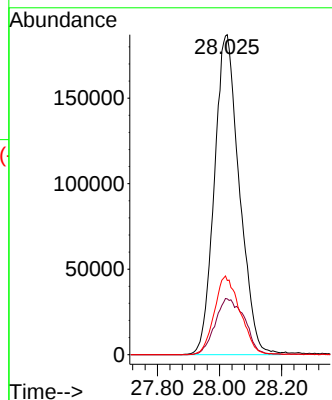
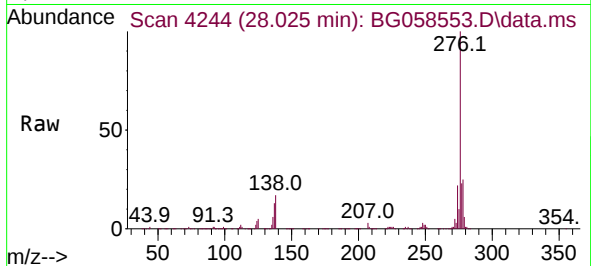




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.643 ng
RT: 28.025 min Scan# 41
Delta R.T. 0.014 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

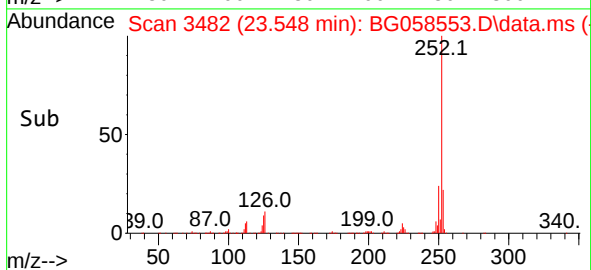
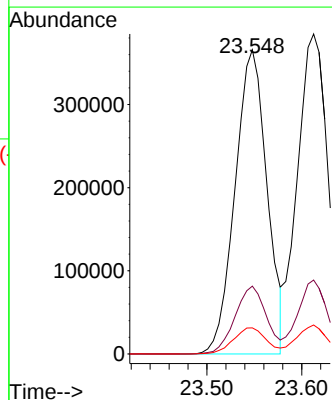
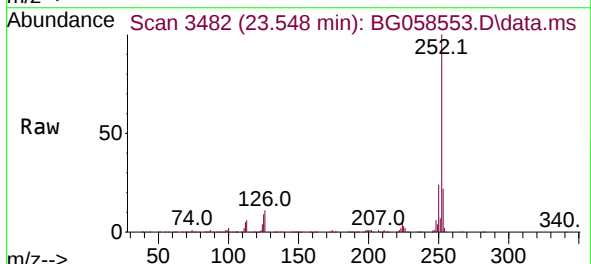
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

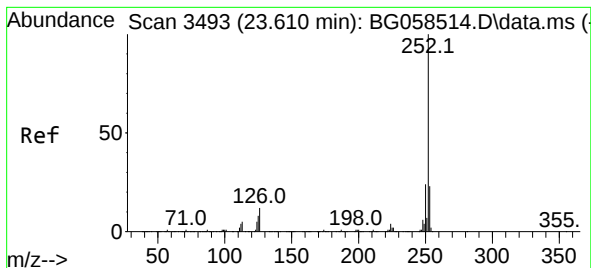
Tgt Ion:276 Resp: 1047826
Ion Ratio Lower Upper
276 100
138 20.7 16.0 24.0
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 40.673 ng
RT: 23.548 min Scan# 3482
Delta R.T. 0.002 min
Lab File: BG058553.D
Acq: 1 Aug 2023 8:23

Tgt Ion:252 Resp: 854911
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.6 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 41.798 ng

RT: 23.612 min Scan# 3493

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

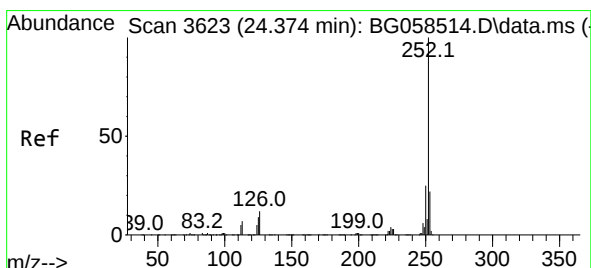
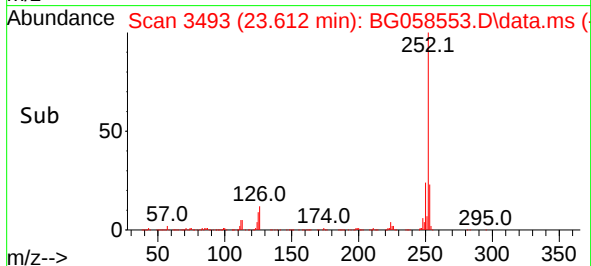
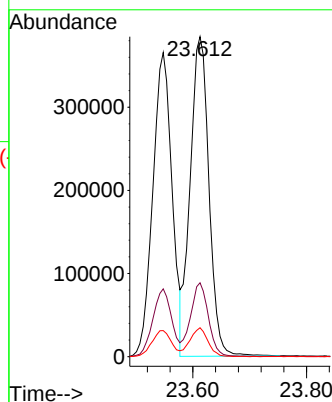
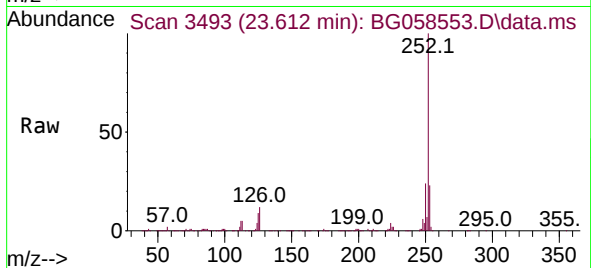
Tgt Ion:252 Resp: 882598

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 9.1 6.6 10.0



#90

Benzo(a)pyrene

Concen: 41.251 ng

RT: 24.382 min Scan# 3624

Delta R.T. 0.008 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

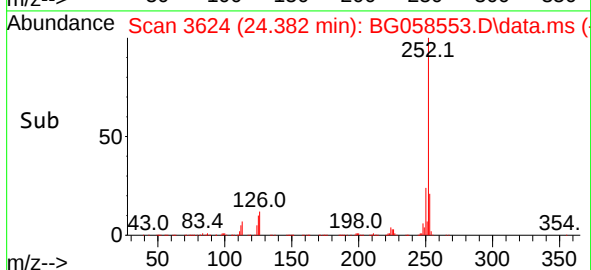
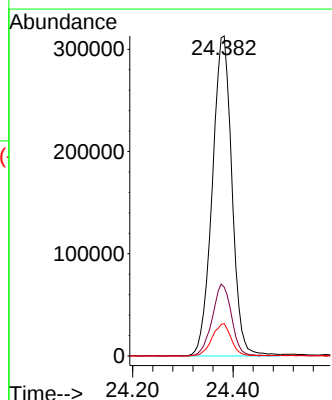
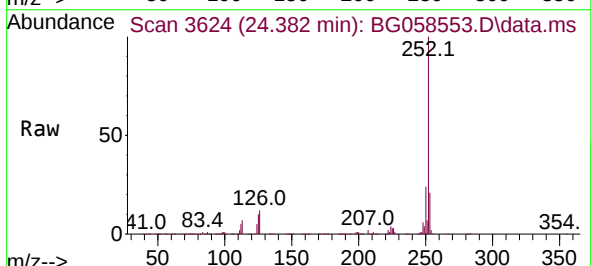
Tgt Ion:252 Resp: 851499

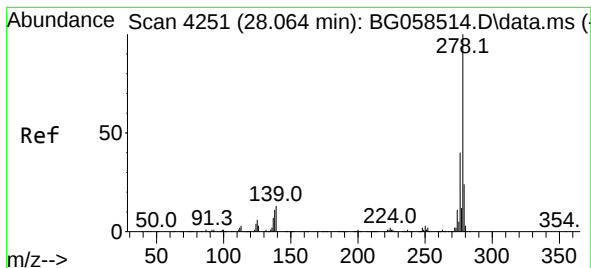
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.1 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 41.033 ng

RT: 28.072 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

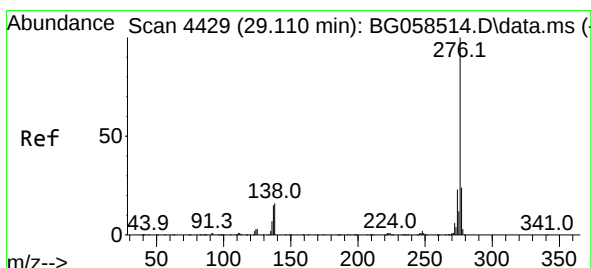
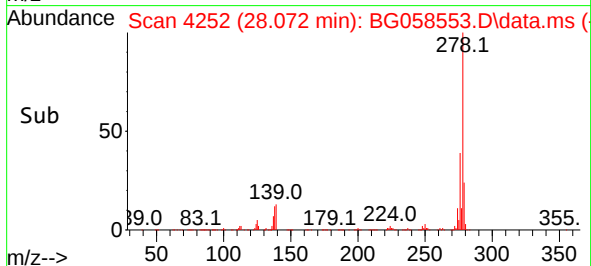
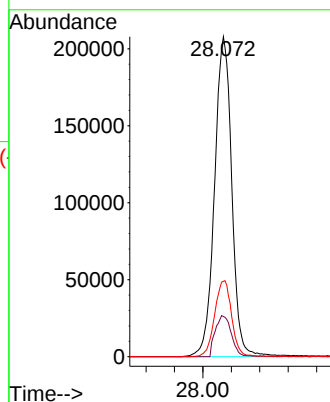
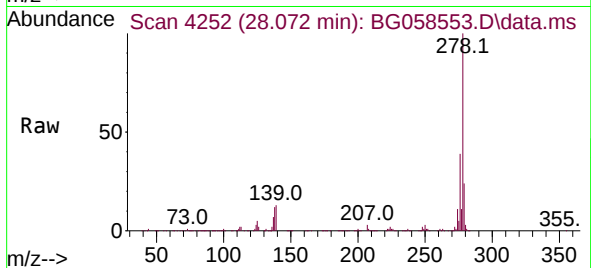
Tgt Ion:278 Resp: 874733

Ion Ratio Lower Upper

278 100

139 12.5 10.4 15.6

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 40.709 ng

RT: 29.112 min Scan# 4429

Delta R.T. 0.002 min

Lab File: BG058553.D

Acq: 1 Aug 2023 8:23

Tgt Ion:276 Resp: 870204

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 18.3 13.0 19.4

