

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055808.D
 Acq On : 28 Nov 2022 17:03
 Operator : CG/JU
 Sample : N5752-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-12SMS

Quant Time: Nov 29 02:10:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	46091	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	192552	20.000	ng	0.00
39) Acenaphthene-d10	14.853	164	137146	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	307884	20.000	ng	0.00
76) Chrysene-d12	21.886	240	284061	20.000	ng	0.00
86) Perylene-d12	25.282	264	306312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	313507	122.946	ng	0.00
7) Phenol-d6	7.379	99	415050	122.275	ng	0.00
23) Nitrobenzene-d5	9.400	82	264420	72.582	ng	0.00
42) 2,4,6-Tribromophenol	16.339	330	210590	109.047	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	653461	71.381	ng	0.00
79) Terphenyl-d14	20.182	244	1027697	72.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	46813	42.958	ng	98
3) Pyridine	4.001	79	128395	38.407	ng	97
4) n-Nitrosodimethylamine	3.913	42	76460	43.200	ng	96
6) Aniline	7.544	93	76054	17.838	ng	97
8) 2-Chlorophenol	7.791	128	146613	50.295	ng	97
9) Benzaldehyde	7.356	77	76656	33.253	ng	98
10) Phenol	7.409	94	187379	49.301	ng	100
11) bis(2-Chloroethyl)ether	7.632	93	129522	44.468	ng	98
12) 1,3-Dichlorobenzene	8.120	146	153920	44.910	ng	98
13) 1,4-Dichlorobenzene	8.266	146	154365	44.572	ng	98
14) 1,2-Dichlorobenzene	8.590	146	150923	45.476	ng	97
15) Benzyl Alcohol	8.466	79	138205	50.098	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.754	45	235938	44.747	ng	99
17) 2-Methylphenol	8.672	107	130314	48.294	ng	98
18) Hexachloroethane	9.324	117	55720	46.745	ng	98
19) n-Nitroso-di-n-propyla...	9.036	70	113343	43.459	ng	97
20) 3+4-Methylphenols	9.001	107	181793	48.229	ng	99
22) Acetophenone	9.054	105	217317	43.433	ng	# 98
24) Nitrobenzene	9.447	77	165428	43.474	ng	100
25) Isophorone	9.964	82	314868	45.616	ng	98
26) 2-Nitrophenol	10.158	139	85915	48.909	ng	95
27) 2,4-Dimethylphenol	10.211	122	133198	49.821	ng	96
28) bis(2-Chloroethoxy)met...	10.446	93	182587	49.273	ng	100
29) 2,4-Dichlorophenol	10.705	162	154144	48.170	ng	97
30) 1,2,4-Trichlorobenzene	10.916	180	158509	42.637	ng	96
31) Naphthalene	11.110	128	444345	42.688	ng	99
32) Benzoic acid	10.358	122	89827	40.838	ng	96
33) 4-Chloroaniline	11.216	127	62329	14.516	ng	97
34) Hexachlorobutadiene	11.386	225	104764	41.269	ng	96
35) Caprolactam	11.992	113	33246	30.023	ng	99
36) 4-Chloro-3-methylphenol	12.326	107	167671	47.673	ng	95
37) 2-Methylnaphthalene	12.697	142	332757	42.696	ng	99
38) 1-Methylnaphthalene	12.914	142	316705	41.859	ng	100
40) 1,2,4,5-Tetrachloroben...	13.061	216	191086	44.337	ng	99
41) Hexachlorocyclopentadiene	13.037	237	201562	92.792	ng	99
43) 2,4,6-Trichlorophenol	13.296	196	136020	46.266	ng	95

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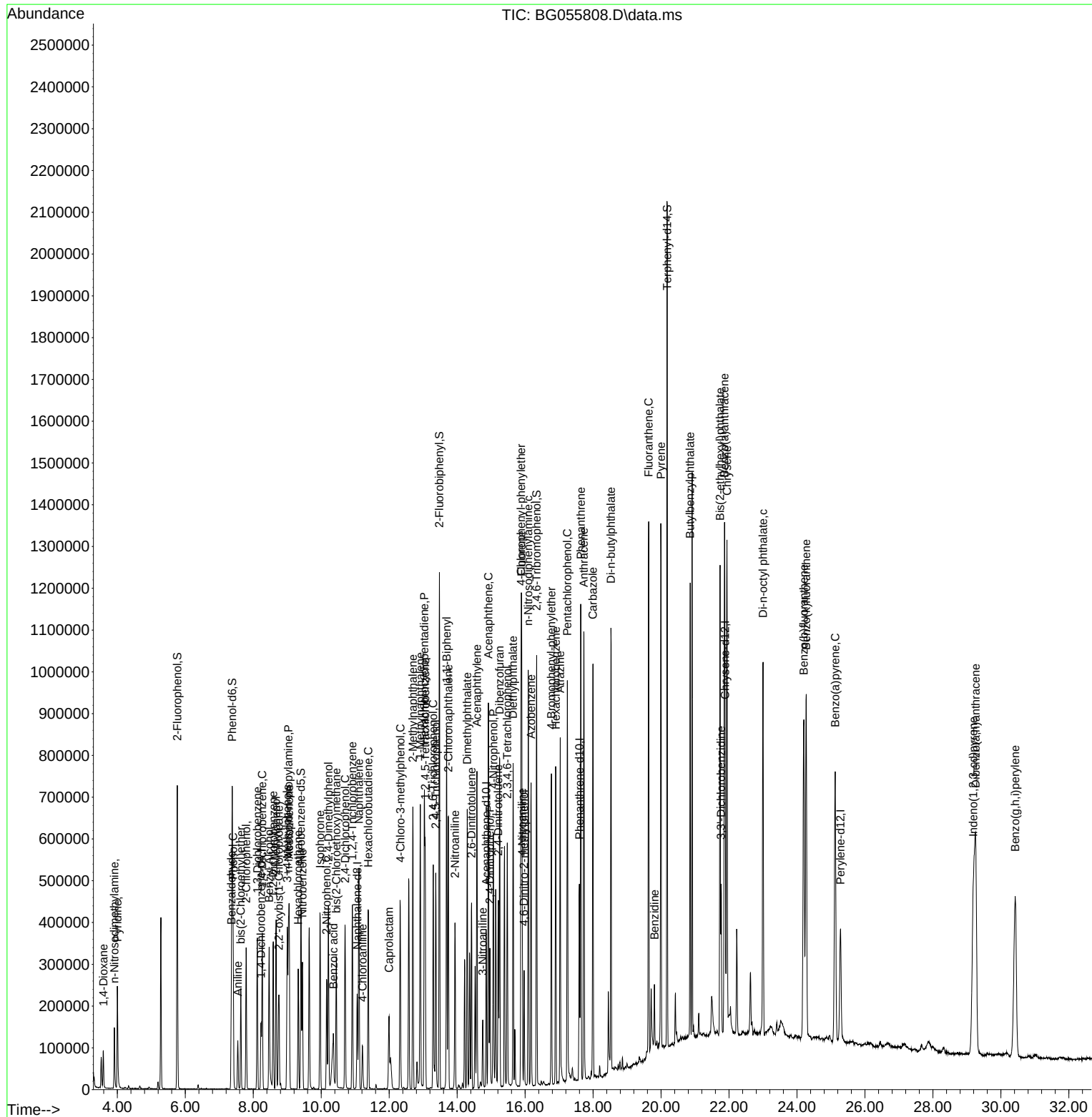
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	147182	45.556	ng	99
46) 1,1'-Biphenyl	13.690	154	454947	45.522	ng	99
47) 2-Chloronaphthalene	13.742	162	343093	44.167	ng	100
48) 2-Nitroaniline	13.936	65	116182	45.491	ng	97
49) Acenaphthylene	14.583	152	562410	43.967	ng	99
50) Dimethylphthalate	14.295	163	458661	41.953	ng	99
51) 2,6-Dinitrotoluene	14.424	165	100764	45.076	ng	99
52) Acenaphthene	14.918	154	336361	40.233	ng	97
53) 3-Nitroaniline	14.753	138	44854	18.278	ng	95
54) 2,4-Dinitrophenol	14.964	184	85992	66.906	ng	97
55) Dibenzofuran	15.252	168	549242	42.586	ng	99
56) 4-Nitrophenol	15.064	139	164450	85.385	ng	98
57) 2,4-Dinitrotoluene	15.211	165	141300	44.833	ng	97
58) Fluorene	15.899	166	438681	42.587	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.476	232	133993	42.802	ng	97
60) Diethylphthalate	15.646	149	462405	41.834	ng	99
61) 4-Chlorophenyl-phenyle...	15.881	204	241159	42.590	ng	97
62) 4-Nitroaniline	15.916	138	89314	34.818	ng	96
63) Azobenzene	16.175	77	418776	43.397	ng	99
65) 4,6-Dinitro-2-methylph...	15.969	198	66055	38.422	ng	98
66) n-Nitrosodiphenylamine	16.093	169	395693	46.634	ng	97
67) 4-Bromophenyl-phenylether	16.774	248	159279	45.405	ng	98
68) Hexachlorobenzene	16.903	284	173420	44.583	ng	98
69) Atrazine	17.033	200	161693	48.183	ng	99
70) Pentachlorophenol	17.244	266	203571	85.552	ng	98
71) Phenanthrene	17.638	178	711907	42.848	ng	100
72) Anthracene	17.726	178	718775	44.525	ng	99
73) Carbazole	17.996	167	641298	44.189	ng	99
74) Di-n-butylphthalate	18.525	149	777333	43.137	ng	99
75) Fluoranthene	19.636	202	800535	39.605	ng	98
77) Benzidine	19.806	184	99650	15.164	ng	98
78) Pyrene	19.994	202	822411	42.773	ng	99
80) Butylbenzylphthalate	20.858	149	331748	44.073	ng	98
81) Benzo(a)anthracene	21.868	228	834894	42.673	ng	100
82) 3,3'-Dichlorobenzidine	21.768	252	146505	21.310	ng	97
83) Chrysene	21.939	228	781999	41.985	ng	99
84) Bis(2-ethylhexyl)phtha...	21.739	149	487092	45.028	ng	99
85) Di-n-octyl phthalate	23.002	149	827588	44.704	ng	100
87) Indeno(1,2,3-cd)pyrene	29.189	276	1010509	40.269	ng	# 94
88) Benzo(b)fluoranthene	24.201	252	886672	44.448	ng	98
89) Benzo(k)fluoranthene	24.271	252	833252	41.904	ng	98
90) Benzo(a)pyrene	25.123	252	774118	45.221	ng	99
91) Dibenzo(a,h)anthracene	29.254	278	847628	41.335	ng	99
92) Benzo(g,h,i)perylene	30.423	276	843187	40.797	ng	99

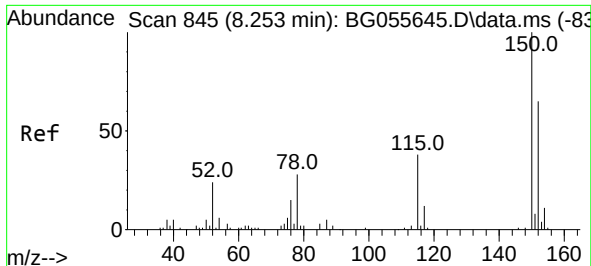
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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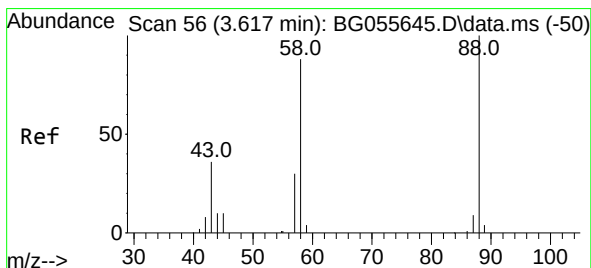
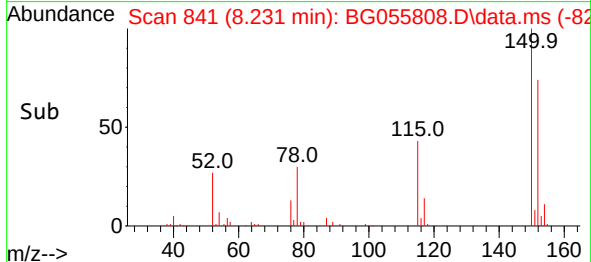
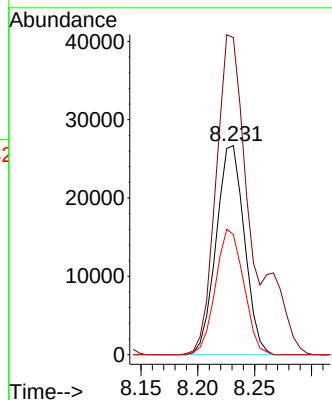
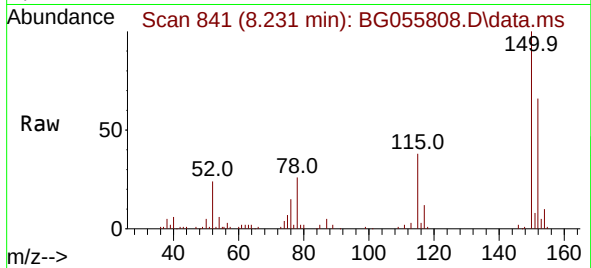




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.231 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG055808.D
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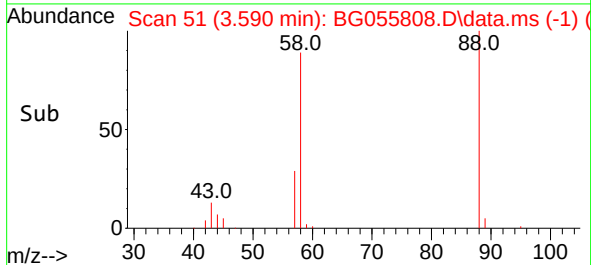
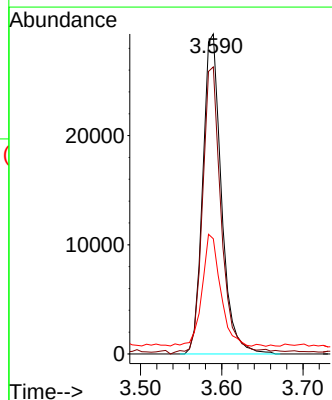
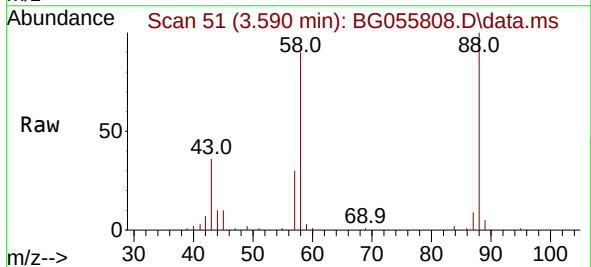
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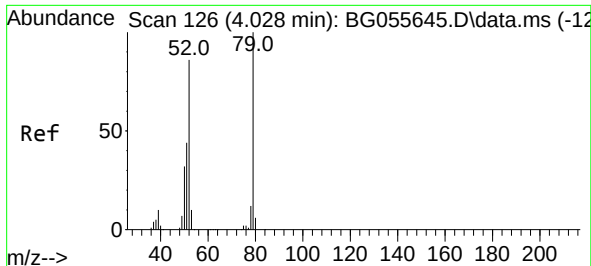
Tgt Ion:152 Resp: 46091
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.0 184.6
 115 57.6 47.0 70.4



#2
 1,4-Dioxane
 Concen: 42.958 ng
 RT: 3.590 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

Tgt Ion: 88 Resp: 46813
 Ion Ratio Lower Upper
 88 100
 58 90.7 71.3 106.9
 43 34.5 28.6 43.0

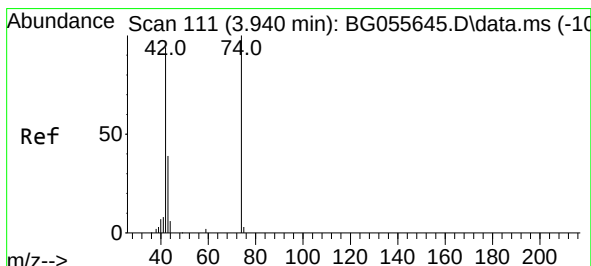
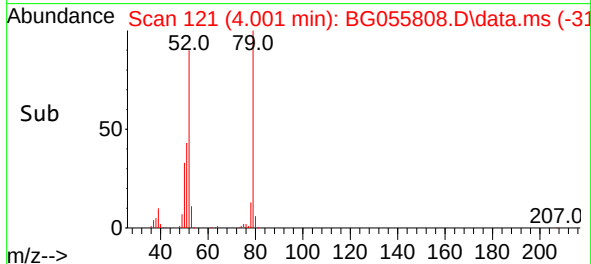
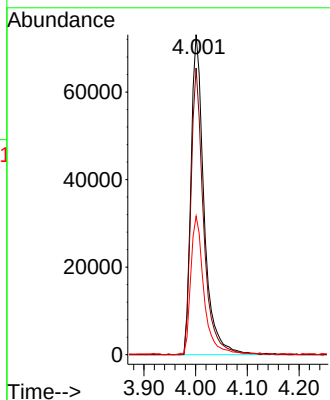
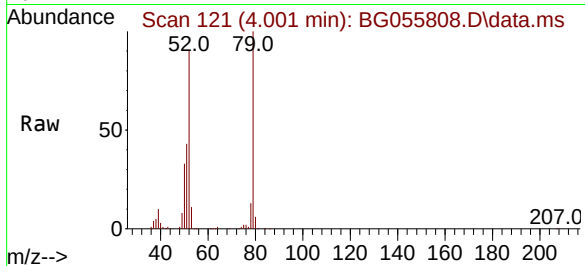




#3
Pyridine
Concen: 38.407 ng
RT: 4.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

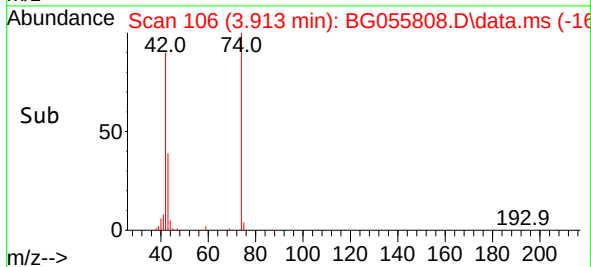
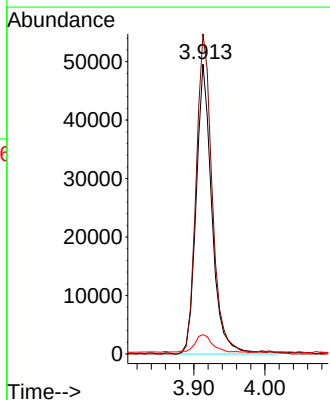
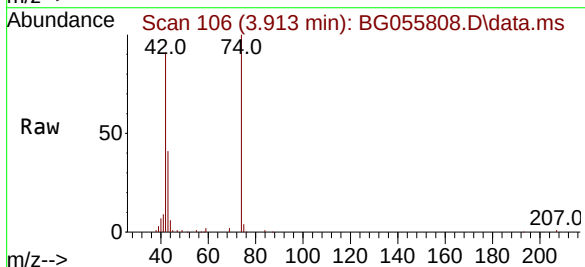
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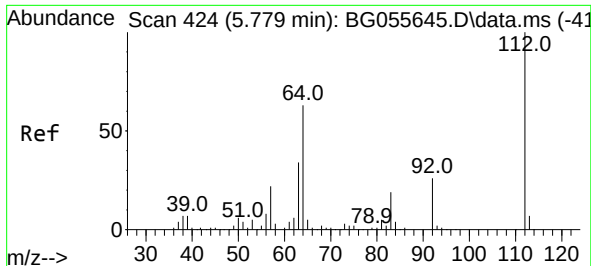
Tgt Ion: 79 Resp: 128395
Ion Ratio Lower Upper
79 100
52 89.6 68.9 103.3
51 43.3 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 43.200 ng
RT: 3.913 min Scan# 106
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 42 Resp: 76460
Ion Ratio Lower Upper
42 100
74 110.4 84.7 127.1
44 6.7 5.4 8.0

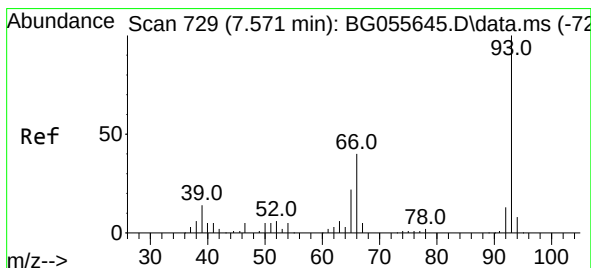
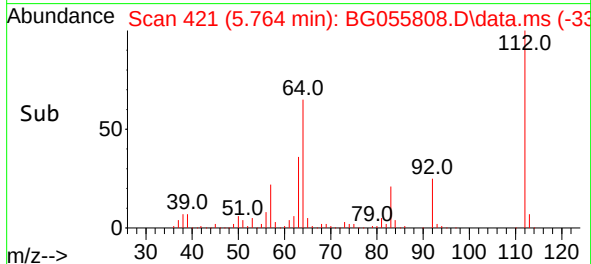
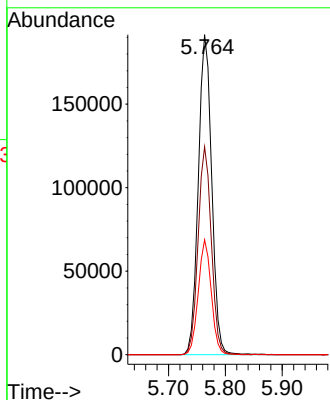
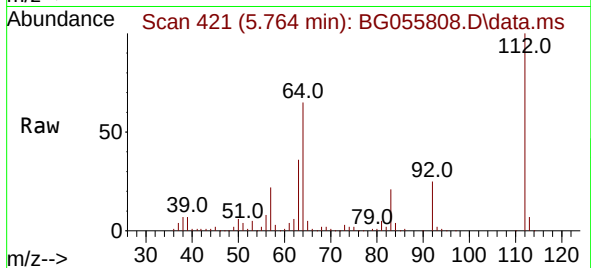




#5
2-Fluorophenol
Concen: 122.946 ng
RT: 5.764 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

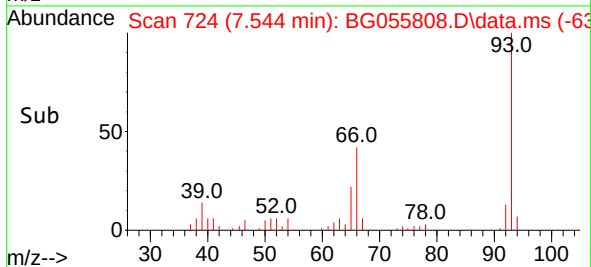
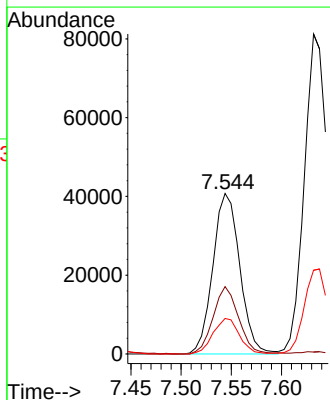
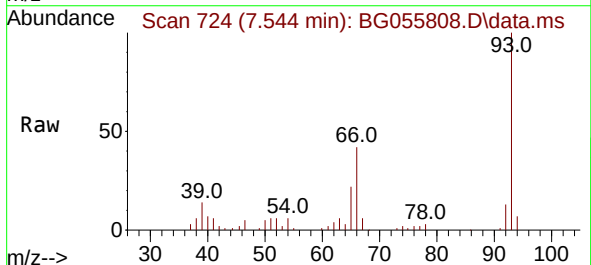
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ClientSampleId :
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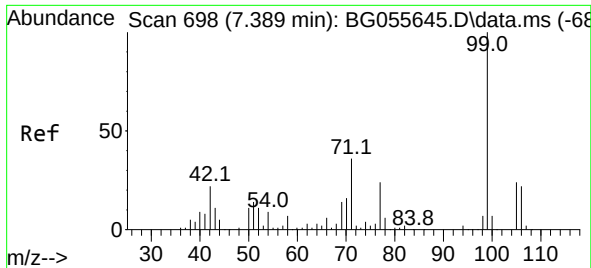
Tgt Ion:112 Resp: 313507
Ion Ratio Lower Upper
112 100
64 64.9 50.6 76.0
63 35.9 27.5 41.3



#6
Aniline
Concen: 17.838 ng
RT: 7.544 min Scan# 724
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 93 Resp: 76054
Ion Ratio Lower Upper
93 100
66 41.9 31.7 47.5
65 22.1 17.9 26.9

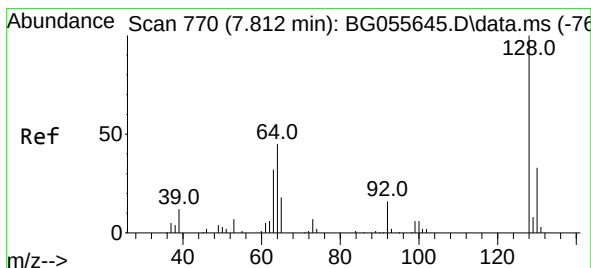
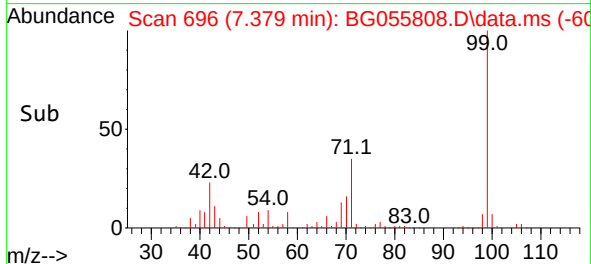
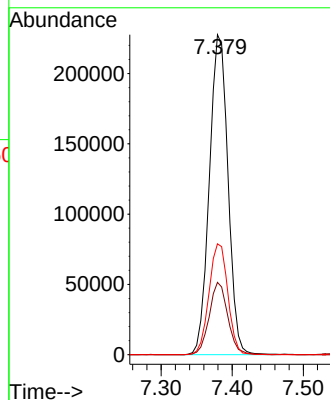
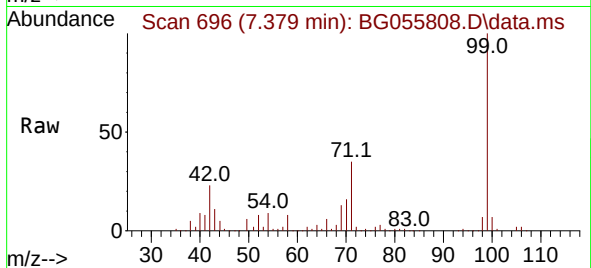




#7
Phenol-d6
Concen: 122.275 ng
RT: 7.379 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

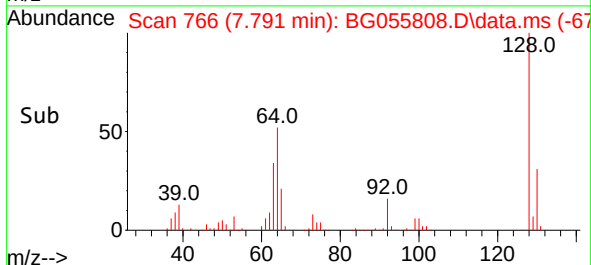
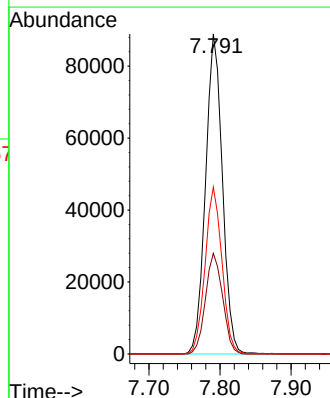
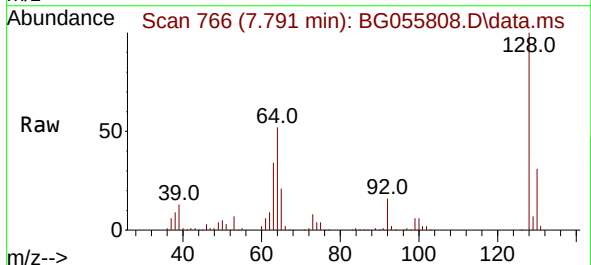
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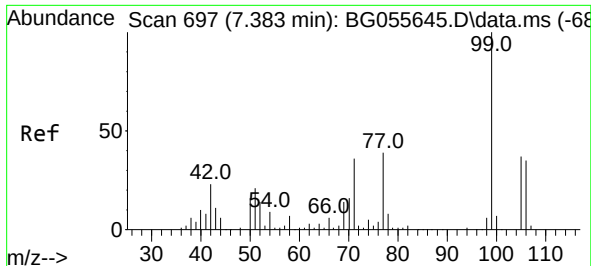
Tgt Ion: 99 Resp: 415050
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 34.7 29.0 43.6



#8
2-Chlorophenol
Concen: 50.295 ng
RT: 7.791 min Scan# 766
Delta R.T. 0.000 min
Lab File: BG055808.D
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Tgt Ion:128 Resp: 146613
Ion Ratio Lower Upper
128 100
130 31.5 13.1 53.1
64 52.1 30.2 70.2

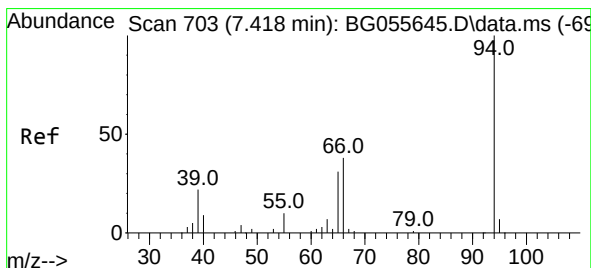
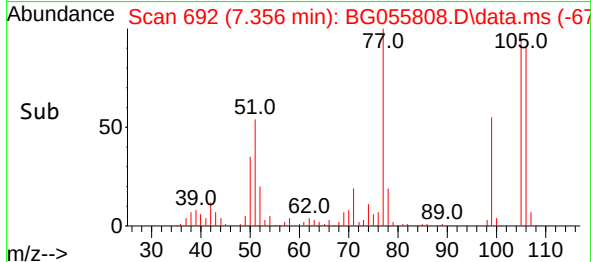
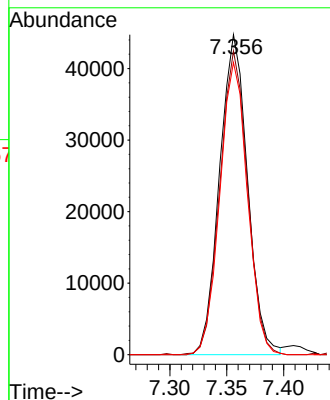
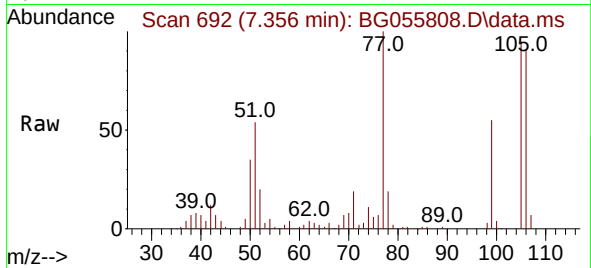




#9
Benzaldehyde
Concen: 33.253 ng
RT: 7.356 min Scan# 697
Delta R.T. -0.006 min
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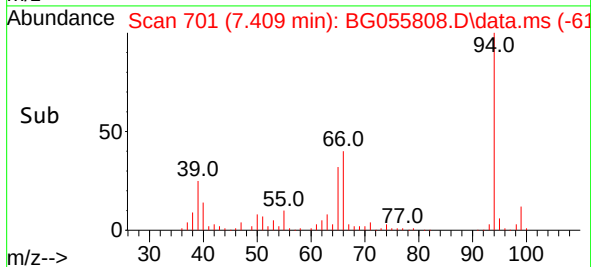
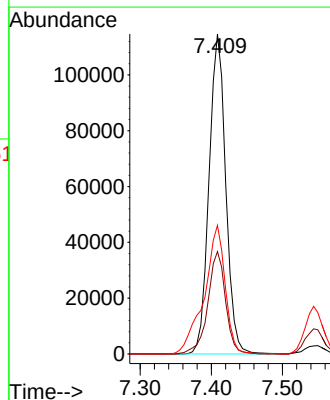
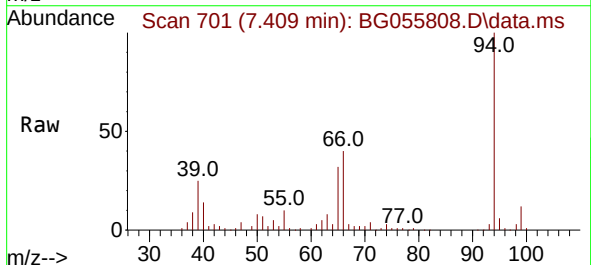
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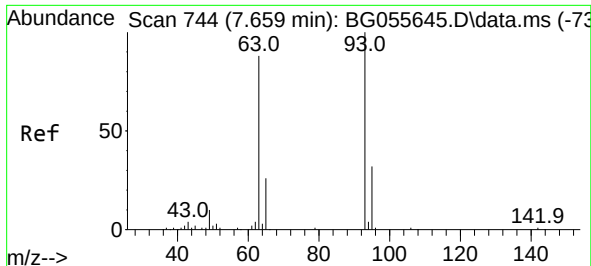
Tgt Ion: 77	Resp: 76656
Ion Ratio	Lower Upper
77 100	
105 94.9	76.3 116.3
106 91.3	69.8 109.8



#10
Phenol
Concen: 49.301 ng
RT: 7.409 min Scan# 701
Delta R.T. 0.000 min
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Tgt Ion: 94	Resp: 187379
Ion Ratio	Lower Upper
94 100	
65 32.0	11.8 51.8
66 40.2	20.5 60.5

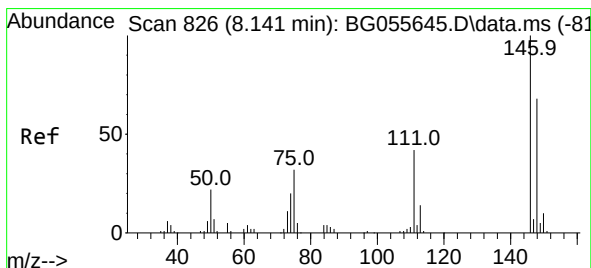
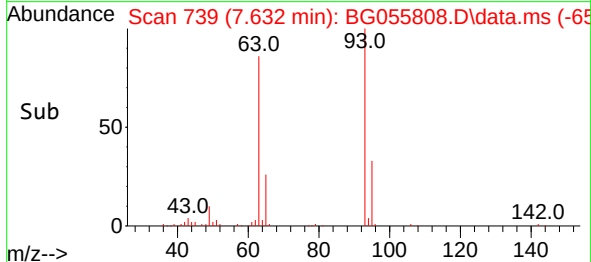
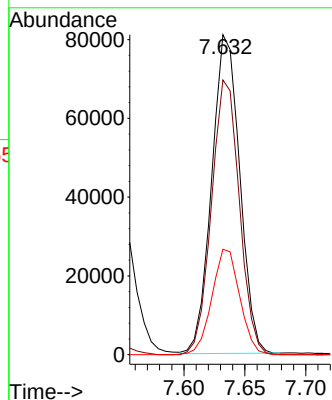
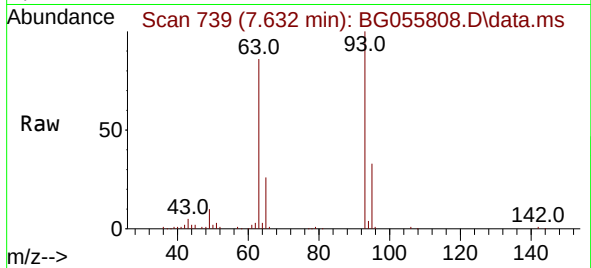




#11
bis(2-Chloroethyl)ether
Concen: 44.468 ng
RT: 7.632 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

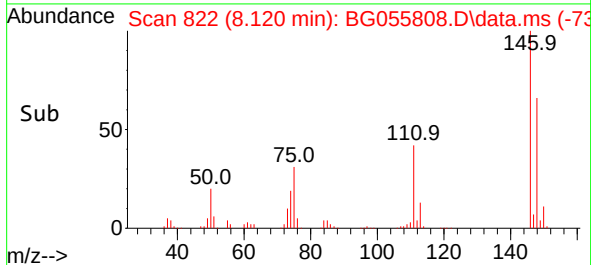
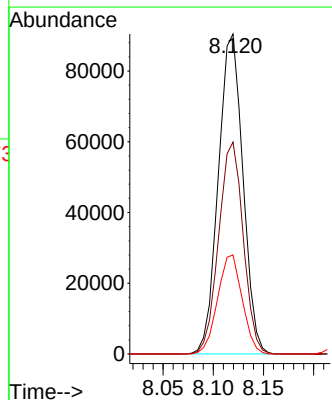
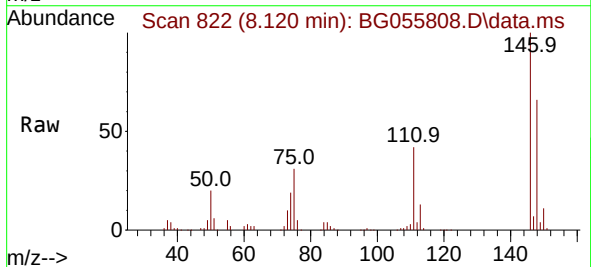
Instrument :
BNA_G
ClientSampleId :
B-12SMS

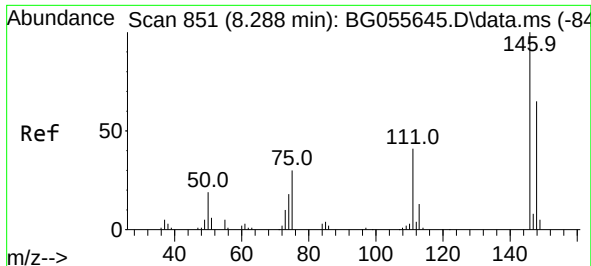
Tgt Ion: 93 Resp: 129522
Ion Ratio Lower Upper
93 100
63 85.8 67.6 107.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.910 ng
RT: 8.120 min Scan# 822
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 146 Resp: 153920
Ion Ratio Lower Upper
146 100
148 66.2 54.6 81.8
75 31.0 25.8 38.6

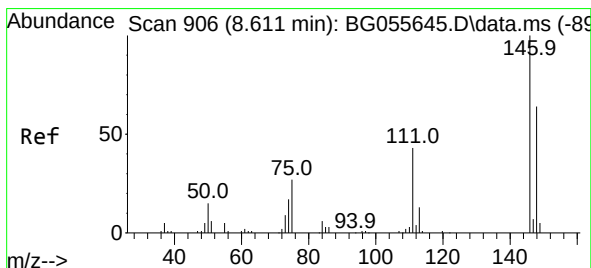
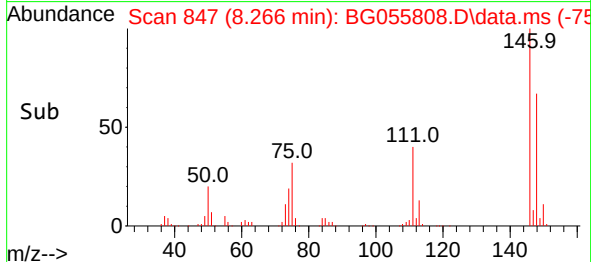
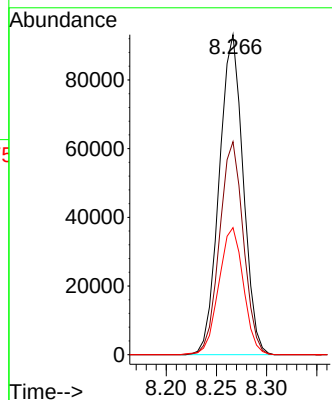
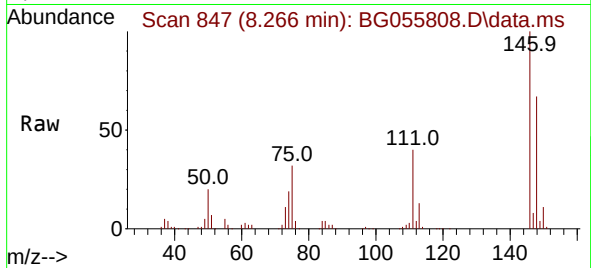




#13
1,4-Dichlorobenzene
Concen: 44.572 ng
RT: 8.266 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

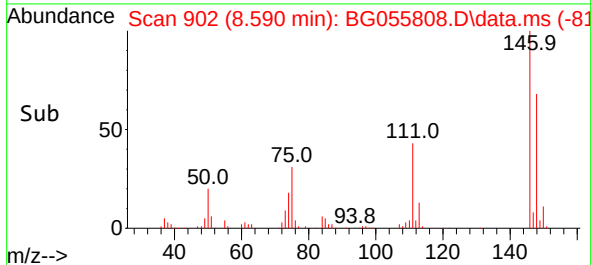
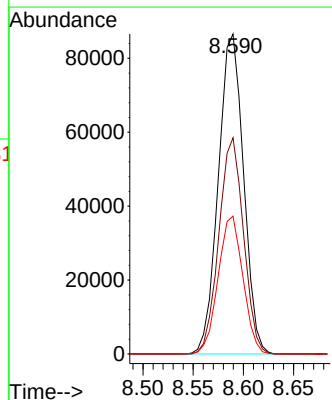
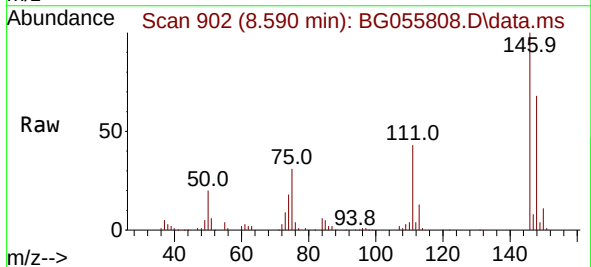
Instrument :
BNA_G
ClientSampleId :
B-12SMS

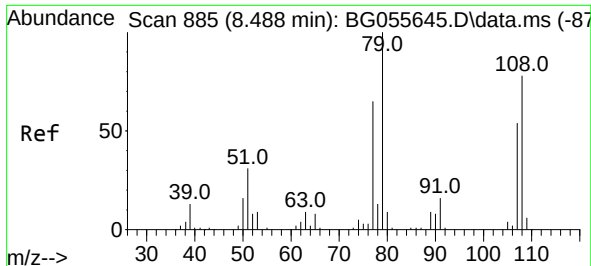
Tgt Ion:146 Resp: 154365
Ion Ratio Lower Upper
146 100
148 66.5 52.1 78.1
111 39.7 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 45.476 ng
RT: 8.590 min Scan# 902
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:146 Resp: 150923
Ion Ratio Lower Upper
146 100
148 67.6 50.9 76.3
111 43.1 34.5 51.7

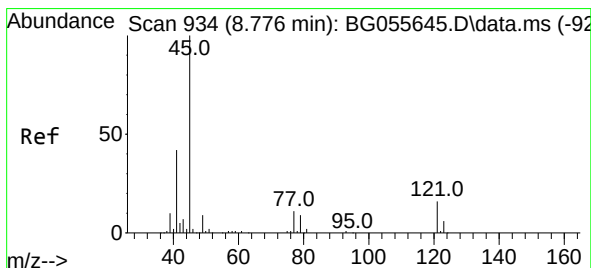
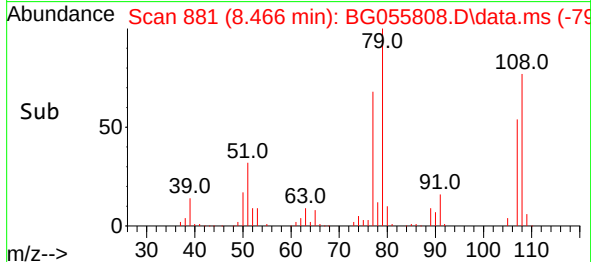
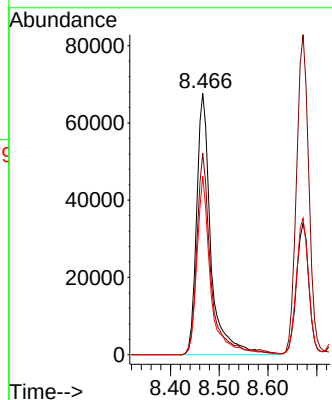
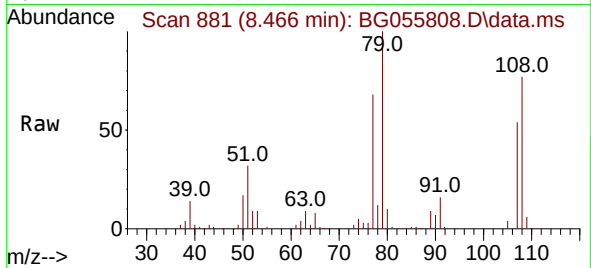




#15
Benzyl Alcohol
Concen: 50.098 ng
RT: 8.466 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

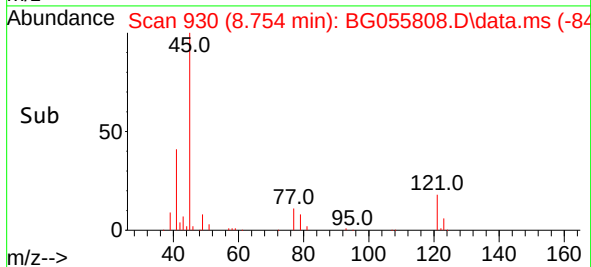
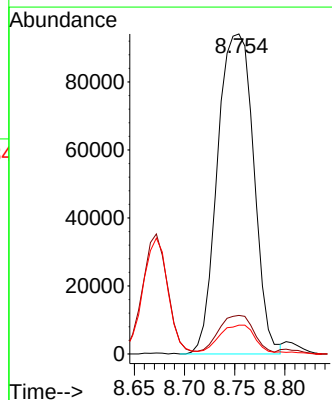
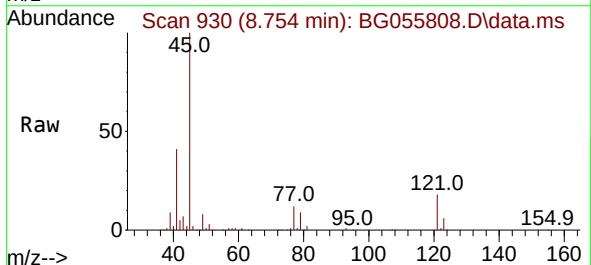
Instrument :
BNA_G
ClientSampleId :
B-12SMS

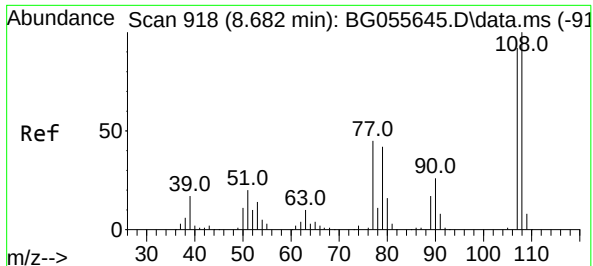
Tgt Ion: 79 Resp: 138205
Ion Ratio Lower Upper
79 100
108 77.1 62.6 93.8
77 68.3 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.747 ng
RT: 8.754 min Scan# 930
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 45 Resp: 235938
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.7
79 9.0 0.0 29.5

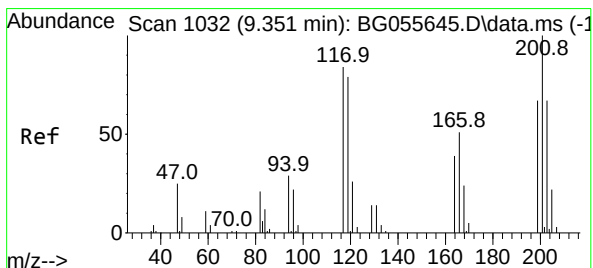
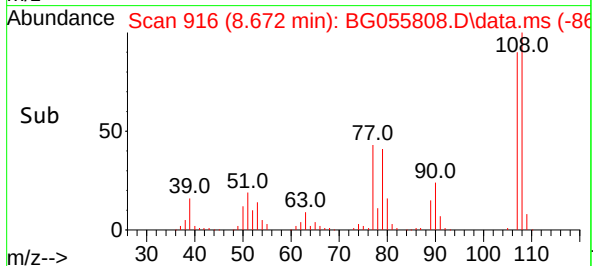
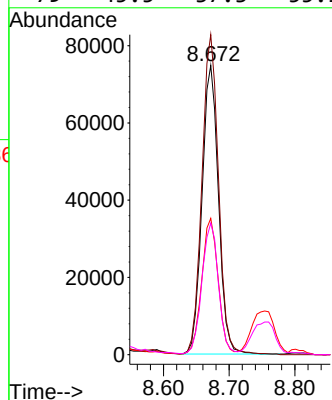
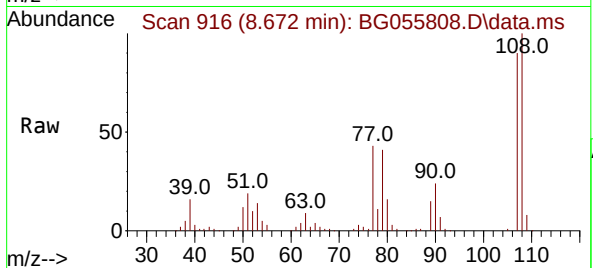




#17
2-Methylphenol
Concen: 48.294 ng
RT: 8.672 min Scan# 918
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

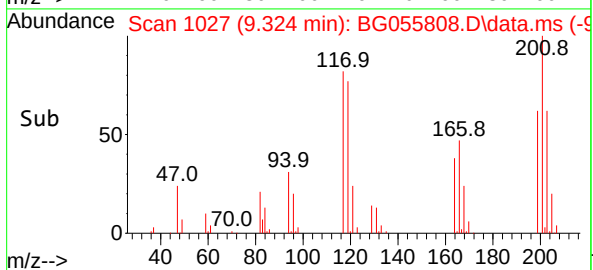
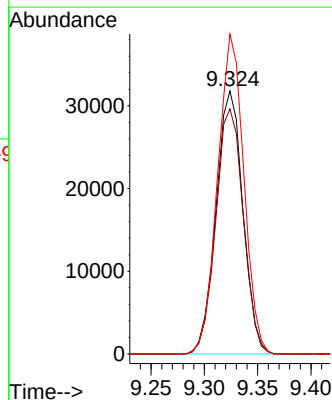
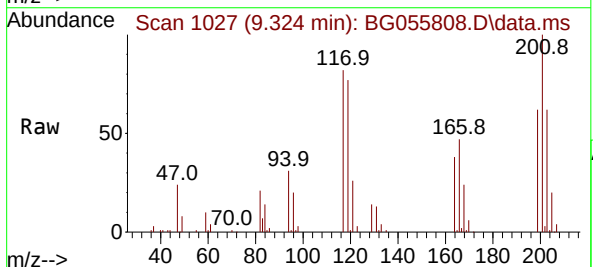
Instrument :
BNA_G
ClientSampleId :
B-12SMS

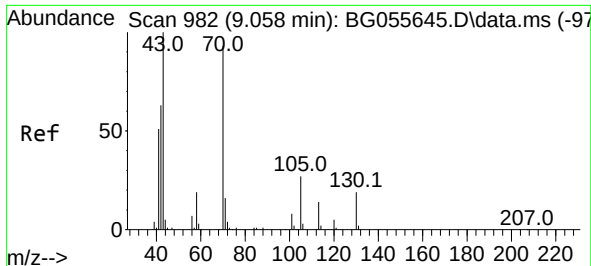
Tgt Ion:	107	Resp:	130314
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.3	130.9
77	47.1	39.4	59.0
79	45.5	37.3	55.9



#18
Hexachloroethane
Concen: 46.745 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:	117	Resp:	55720
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.0	114.0
201	121.7	98.6	148.0

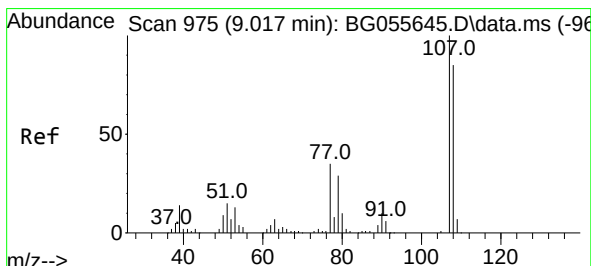
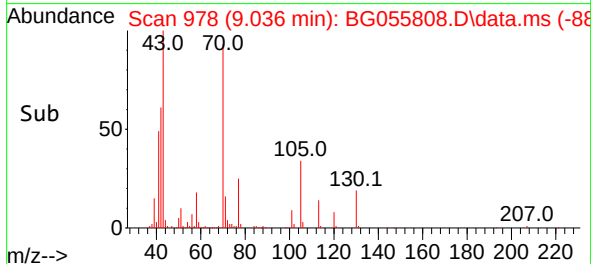
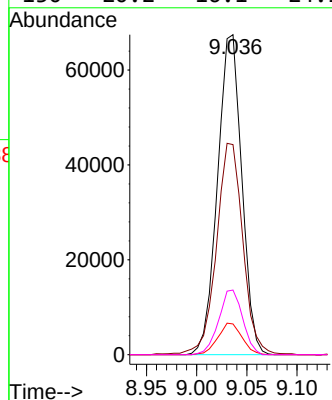
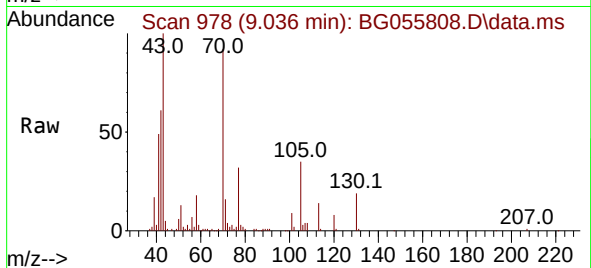




#19
n-Nitroso-di-n-propylamine
Concen: 43.459 ng
RT: 9.036 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

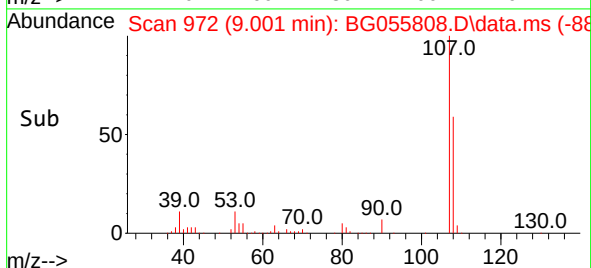
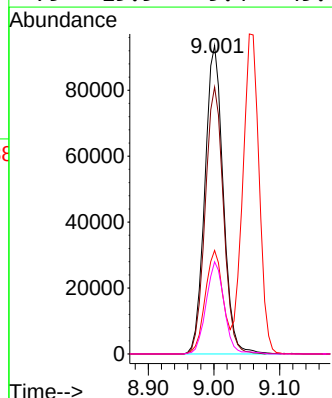
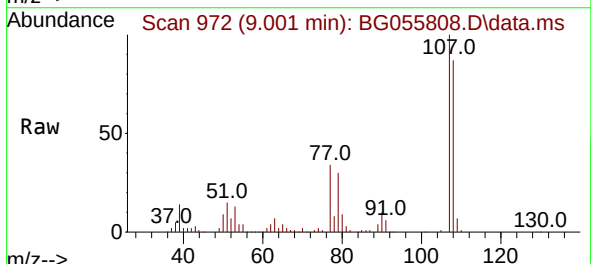
Instrument :
BNA_G
ClientSampleId :
B-12SMS

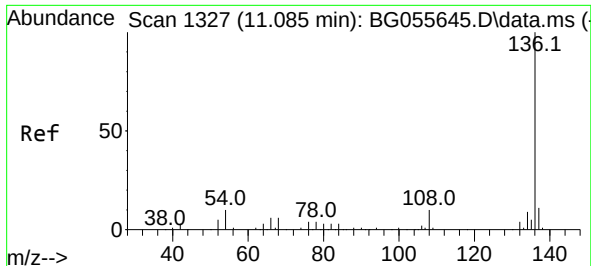
Tgt Ion: 70 Resp: 113343
Ion Ratio Lower Upper
70 100
42 65.6 55.2 82.8
101 9.6 7.1 10.7
130 20.2 16.1 24.1



#20
3+4-Methylphenols
Concen: 48.229 ng
RT: 9.001 min Scan# 972
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 107 Resp: 181793
Ion Ratio Lower Upper
107 100
108 86.6 65.5 105.5
77 33.6 14.6 54.6
79 29.9 9.4 49.4

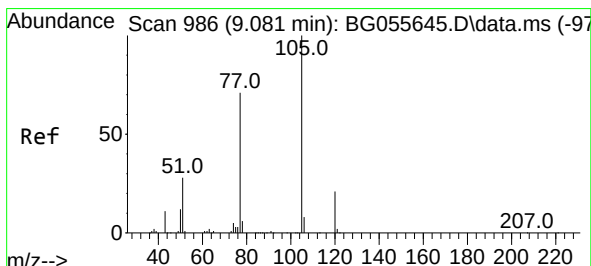
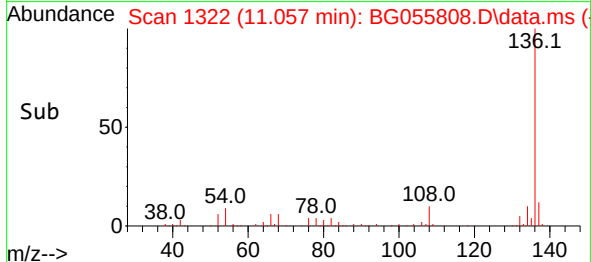
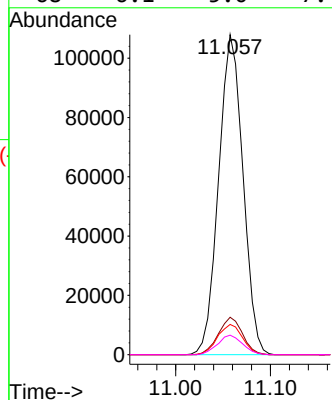
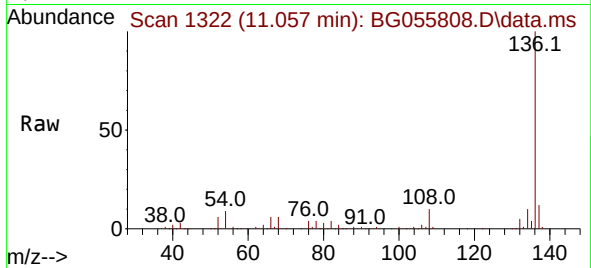




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

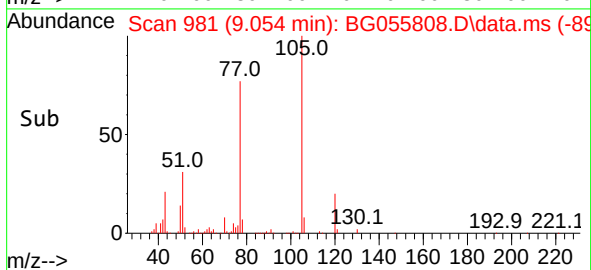
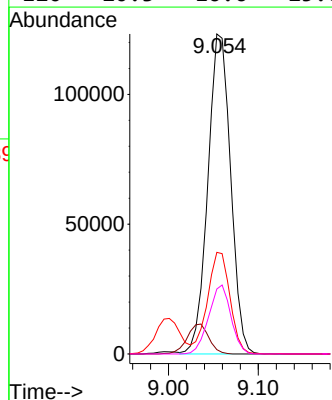
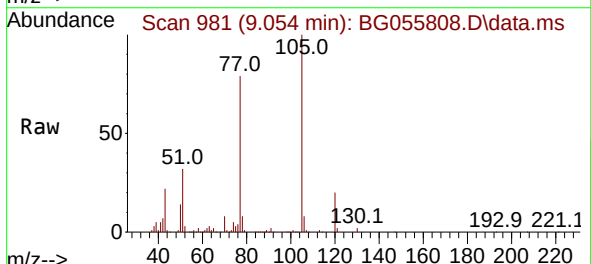
Instrument :
BNA_G
ClientSampleId :
B-12SMS

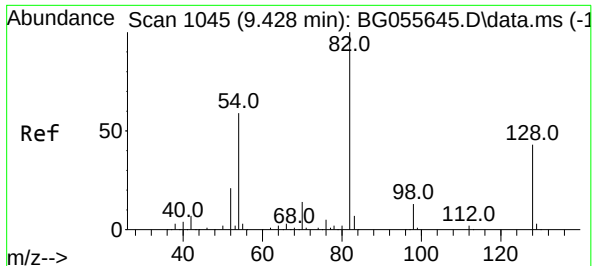
Tgt Ion:136	Resp: 192552
Ion Ratio	Lower Upper
136 100	
137 11.7	9.0 13.6
54 9.5	7.8 11.6
68 6.1	5.0 7.4



#22
Acetophenone
Concen: 43.433 ng
RT: 9.054 min Scan# 981
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt	Ion:105	Resp:	217317
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.6	1.0#
51	31.8	24.5	36.7
120	20.3	16.6	25.0

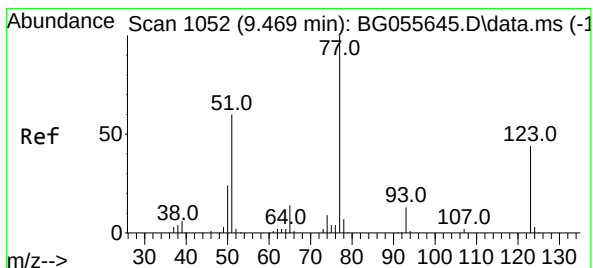
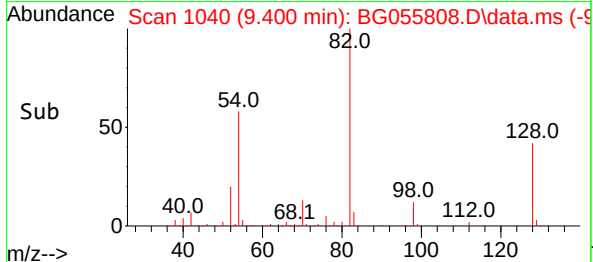
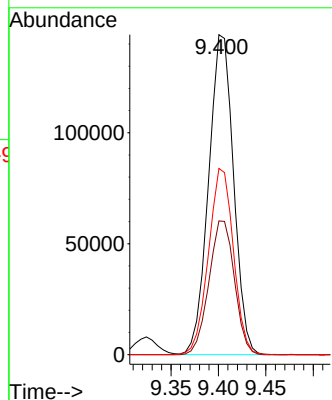
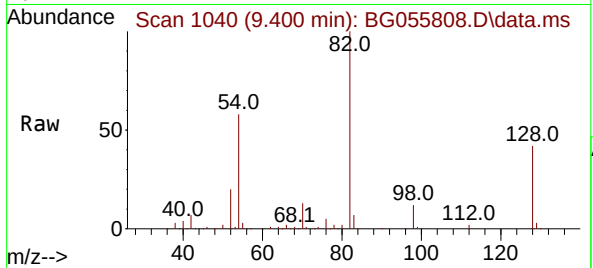




#23
Nitrobenzene-d5
Concen: 72.582 ng
RT: 9.400 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

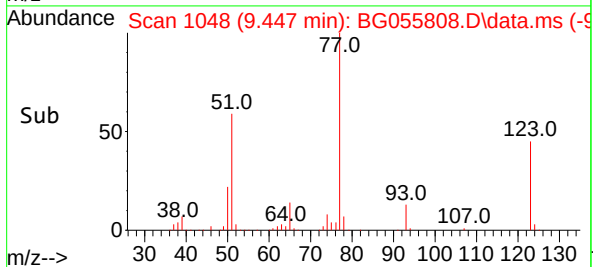
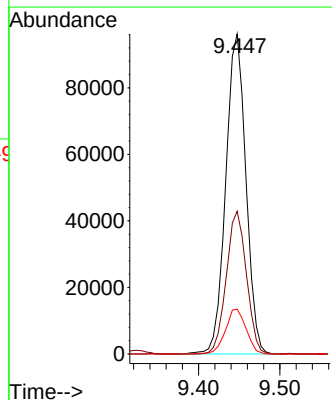
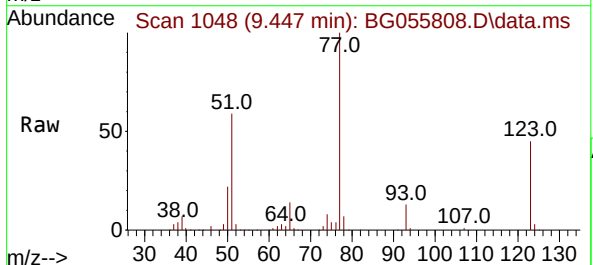
Instrument :
BNA_G
ClientSampleId :
B-12SMS

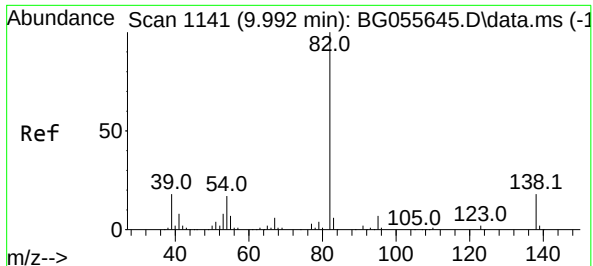
Tgt Ion: 82 Resp: 264420
Ion Ratio Lower Upper
82 100
128 41.8 34.1 51.1
54 58.2 47.3 70.9



#24
Nitrobenzene
Concen: 43.474 ng
RT: 9.447 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 77 Resp: 165428
Ion Ratio Lower Upper
77 100
123 44.6 35.5 53.3
65 14.0 11.5 17.3

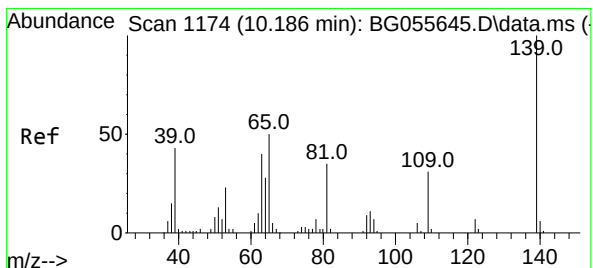
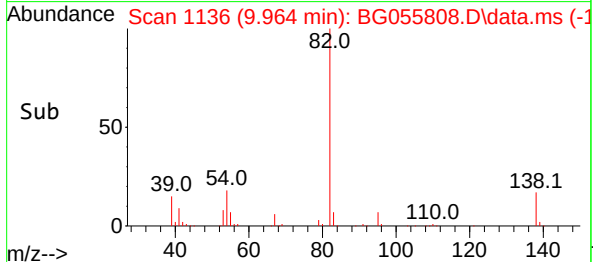
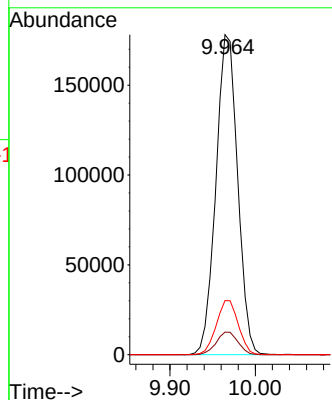
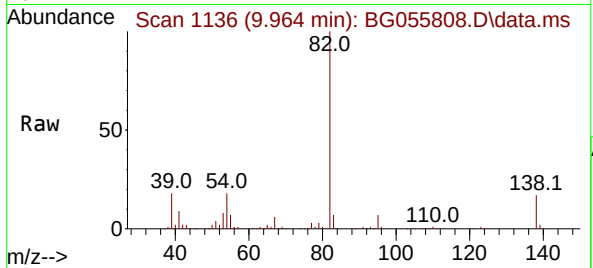




#25
Isophorone
Concen: 45.616 ng
RT: 9.964 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

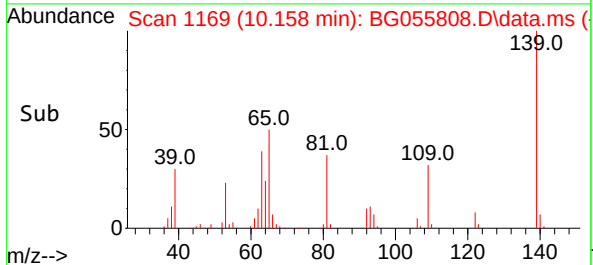
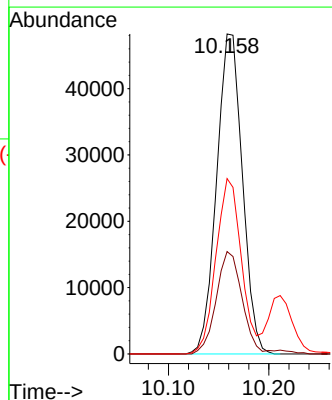
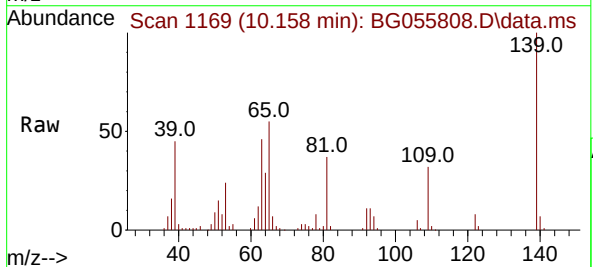
Instrument :
BNA_G
ClientSampleId :
B-12SMS

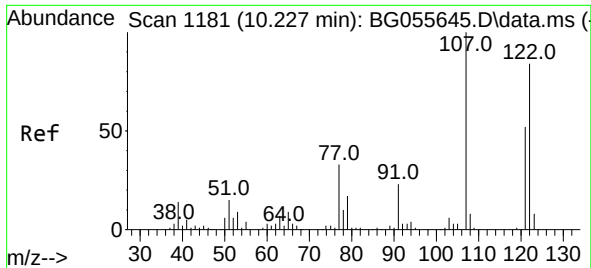
Tgt Ion: 82 Resp: 314868
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 14.2 21.4



#26
2-Nitrophenol
Concen: 48.909 ng
RT: 10.158 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:139 Resp: 85915
Ion Ratio Lower Upper
139 100
109 32.0 24.4 36.6
65 54.8 40.2 60.2

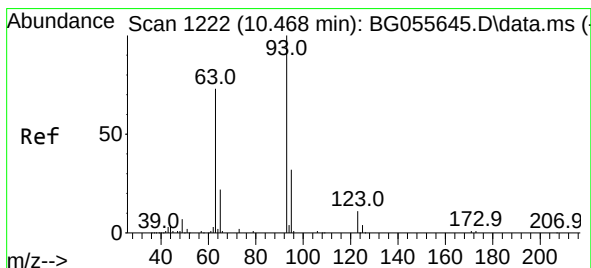
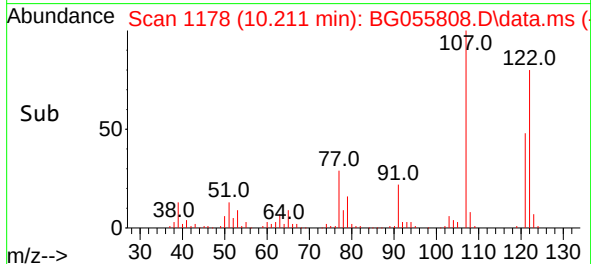
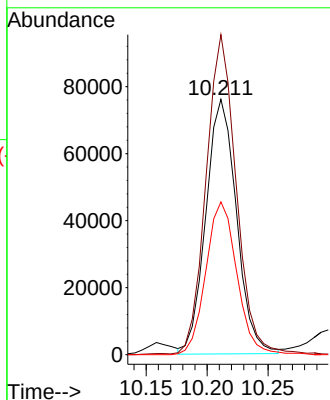
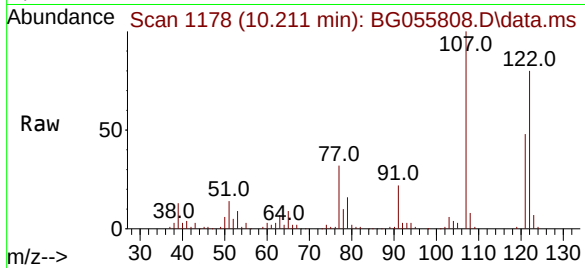




#27
2,4-Dimethylphenol
Concen: 49.821 ng
RT: 10.211 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

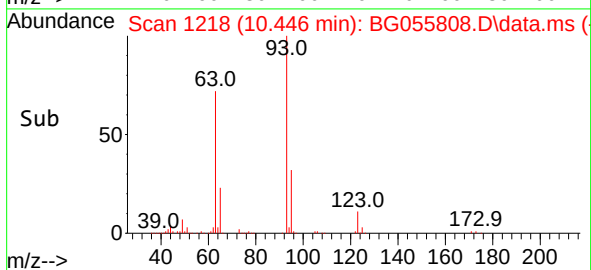
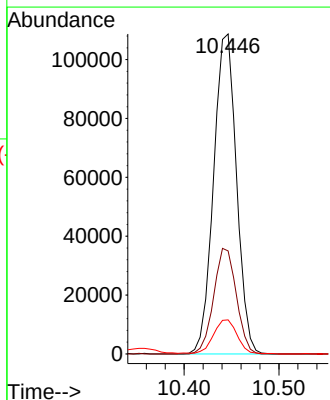
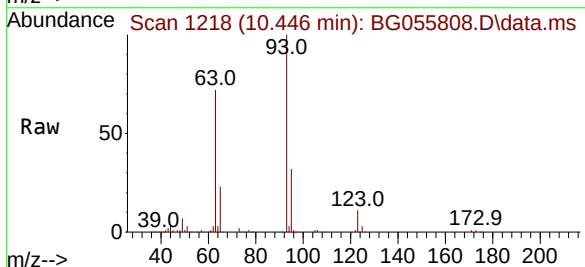
Instrument :
BNA_G
ClientSampleId :
B-12SMS

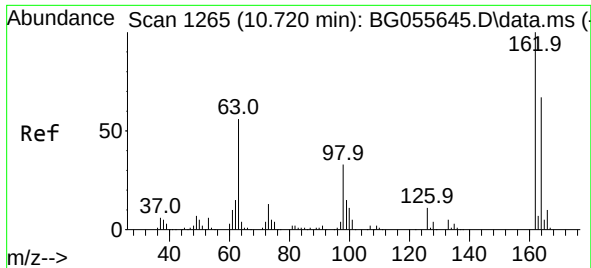
Tgt Ion:122 Resp: 133198
Ion Ratio Lower Upper
122 100
107 125.3 95.8 143.6
121 59.8 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.273 ng
RT: 10.446 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 93 Resp: 182587
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 10.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.170 ng

RT: 10.705 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

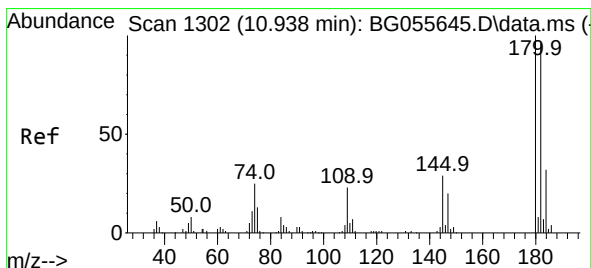
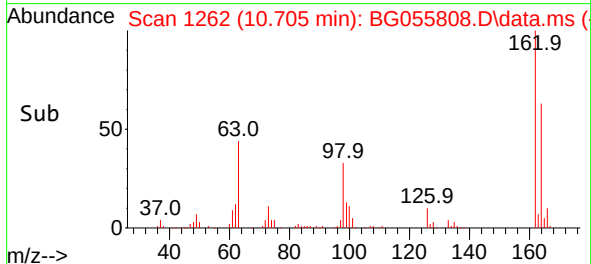
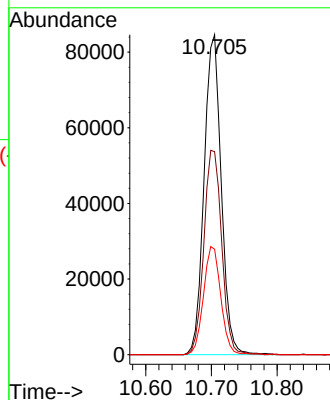
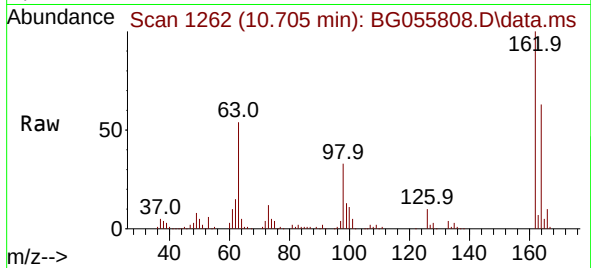
Tgt Ion:162 Resp: 154144

Ion Ratio Lower Upper

162 100

164 63.4 46.7 86.7

98 32.9 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 42.637 ng

RT: 10.916 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

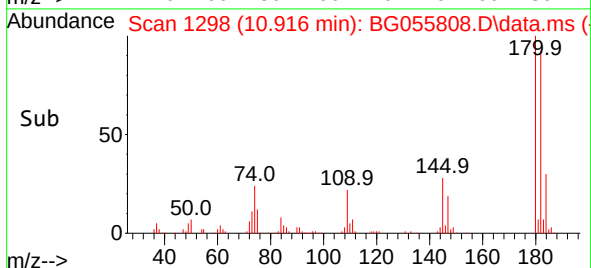
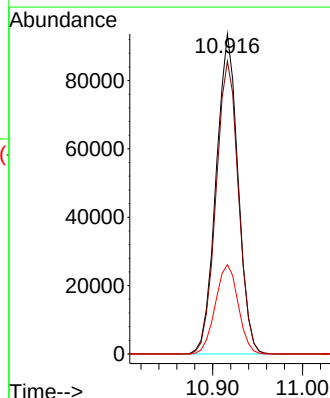
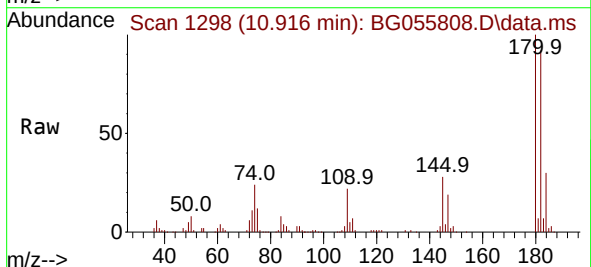
Tgt Ion:180 Resp: 158509

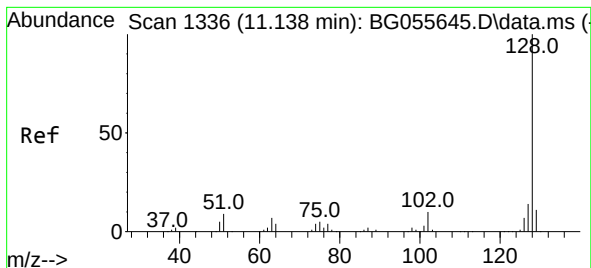
Ion Ratio Lower Upper

180 100

182 91.5 77.1 115.7

145 27.9 22.9 34.3





#31

Naphthalene

Concen: 42.688 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

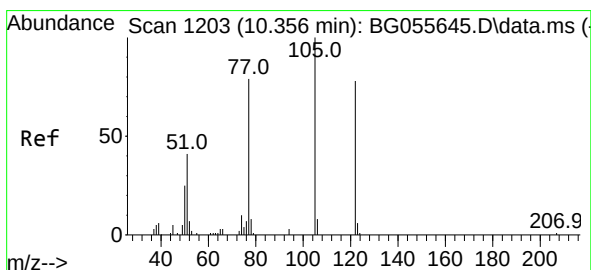
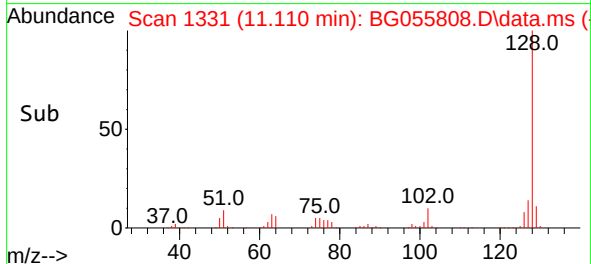
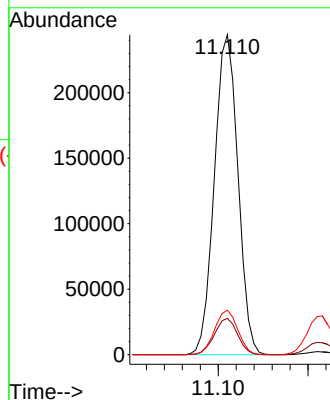
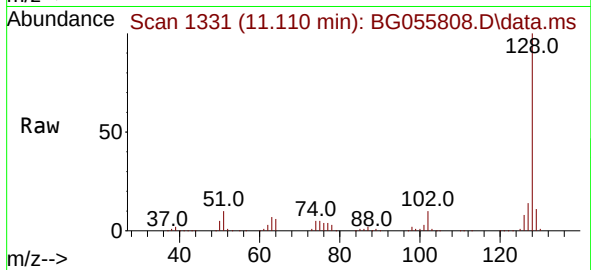
Tgt Ion:128 Resp: 444345

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.9 10.9 16.3



#32

Benzoic acid

Concen: 40.838 ng

RT: 10.358 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

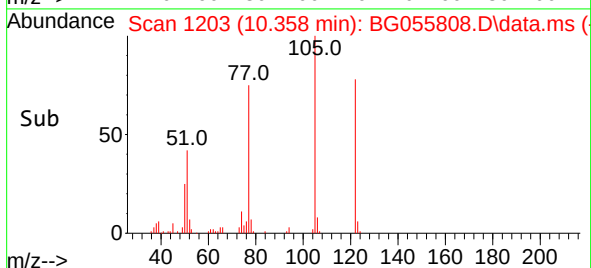
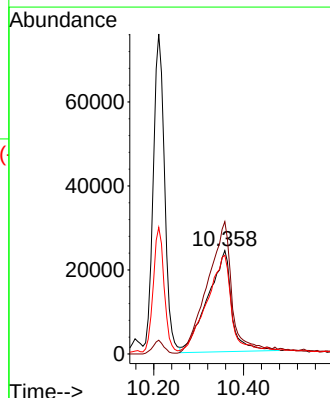
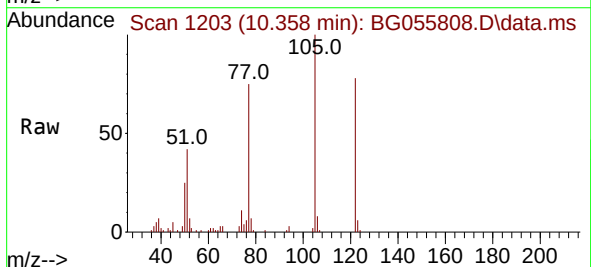
Tgt Ion:122 Resp: 89827

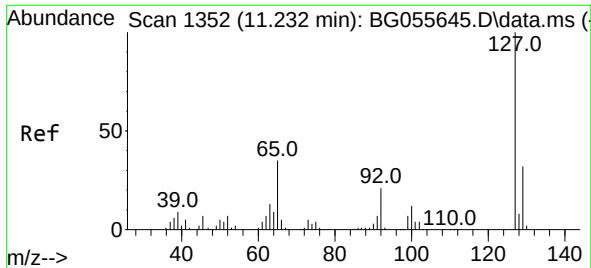
Ion Ratio Lower Upper

122 100

105 127.9 104.3 144.3

77 95.4 79.9 119.9

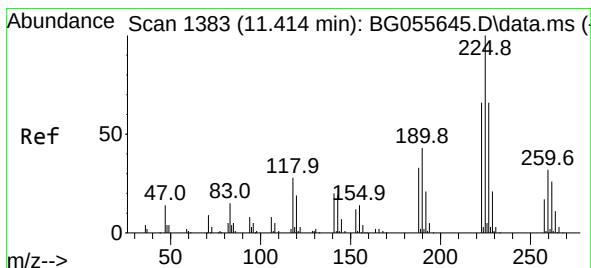
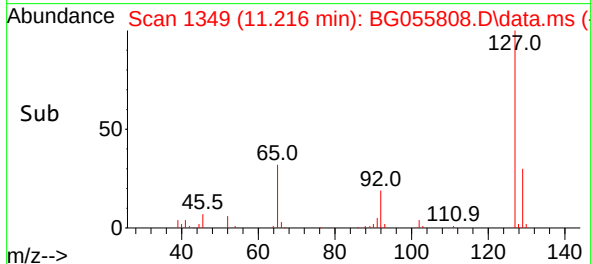
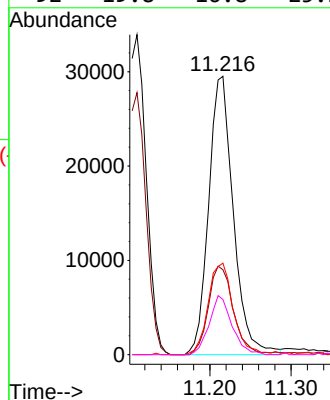
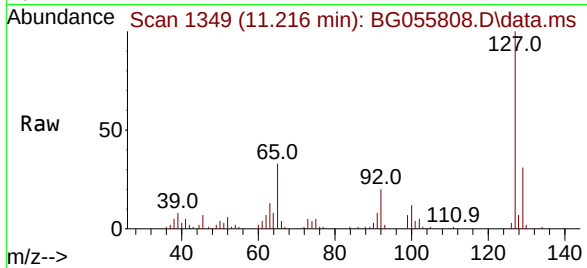




#33
4-Chloroaniline
Concen: 14.516 ng
RT: 11.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

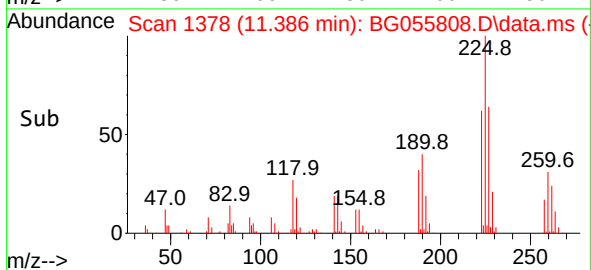
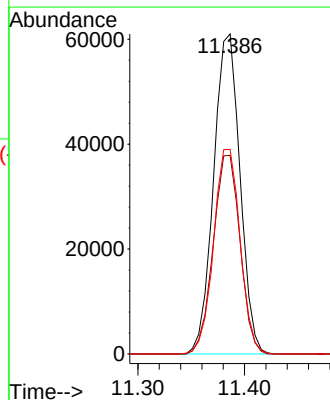
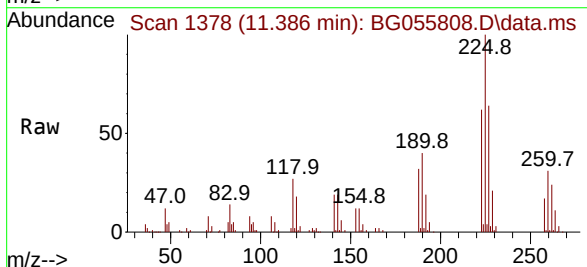
Instrument :
BNA_G
ClientSampleId :
B-12SMS

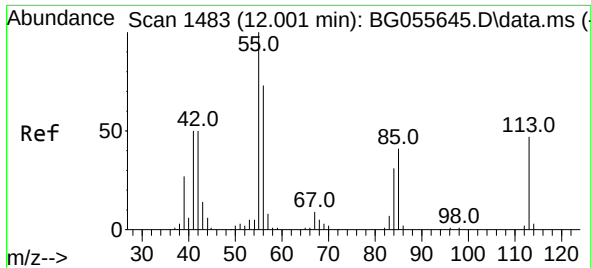
Tgt Ion:	127	Resp:	62329
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	32.9	27.9	41.9
92	19.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.269 ng
RT: 11.386 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:	225	Resp:	104764
Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.9	79.3
227	63.9	52.6	79.0

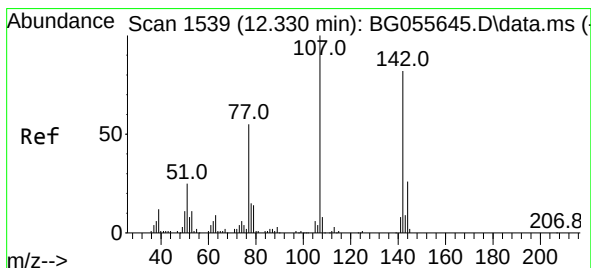
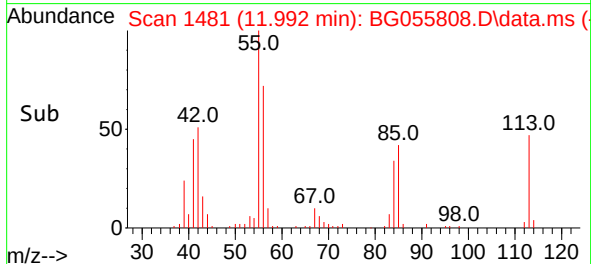
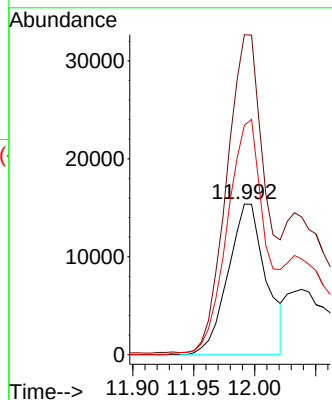
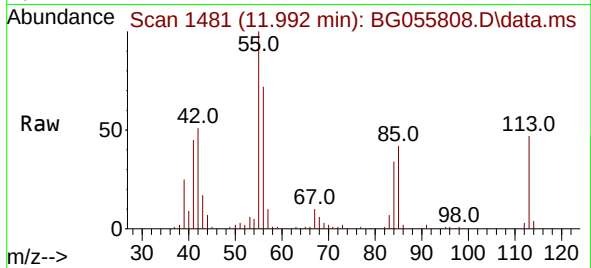




#35
 Caprolactam
 Concen: 30.023 ng
 RT: 11.992 min Scan# 1481
 Delta R.T. 0.006 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

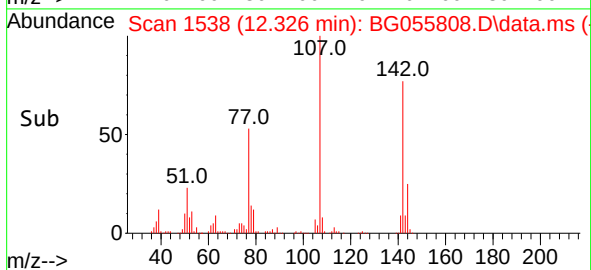
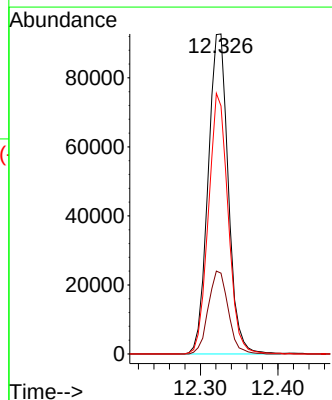
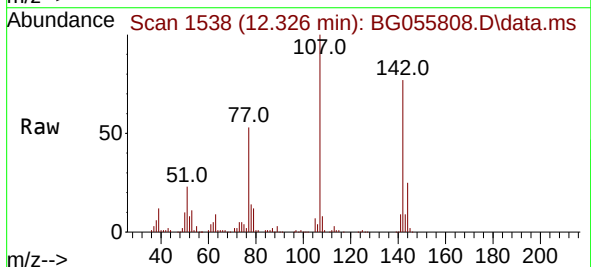
Instrument :
 BNA_G
 ClientSampleId :
 B-12SMS

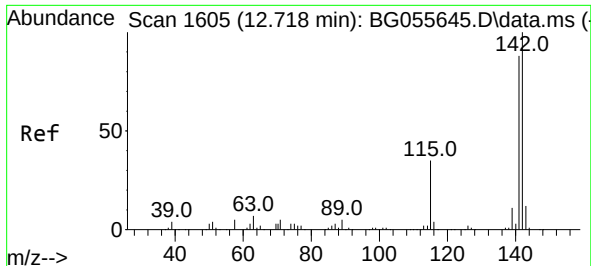
Tgt Ion:113 Resp: 33246
 Ion Ratio Lower Upper
 113 100
 55 212.6 193.5 233.5
 56 152.3 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 47.673 ng
 RT: 12.326 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

Tgt Ion:107 Resp: 167671
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.0 31.4
 142 77.5 65.9 98.9

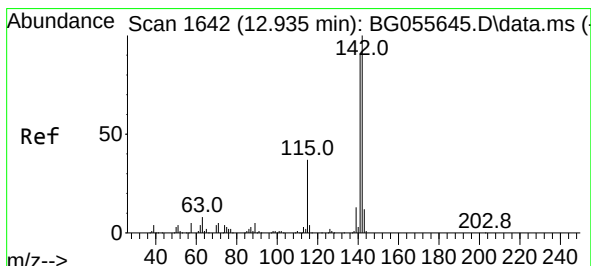
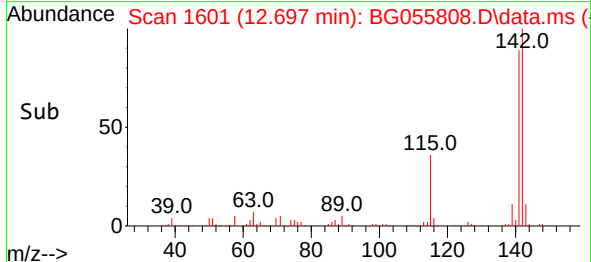
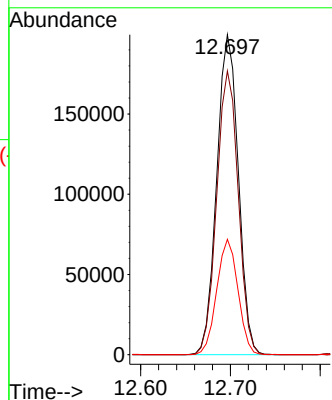
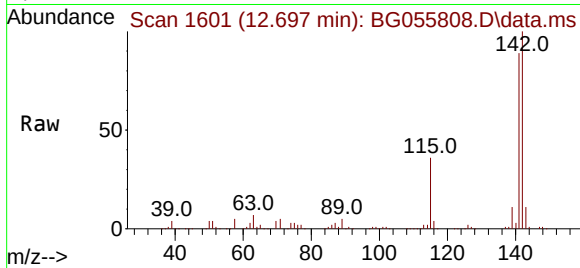




#37
2-Methylnaphthalene
Concen: 42.696 ng
RT: 12.697 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

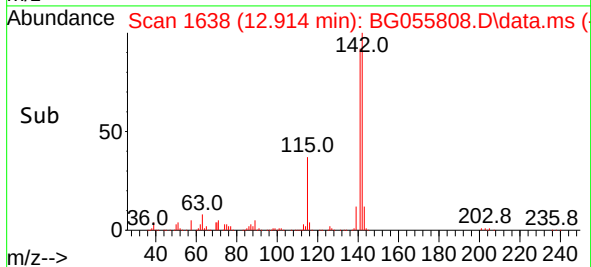
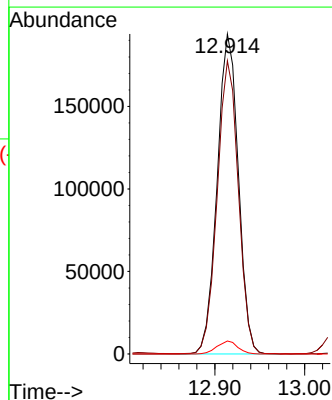
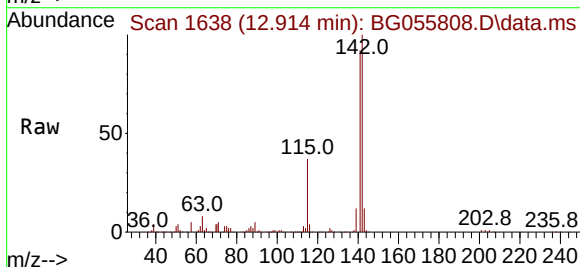
Instrument :
BNA_G
ClientSampleId :
B-12SMS

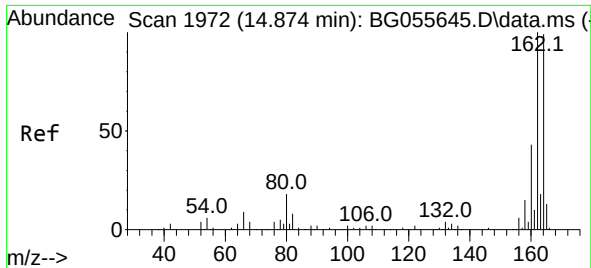
Tgt Ion:142 Resp: 332757
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 36.1 27.9 41.9



#38
1-Methylnaphthalene
Concen: 41.859 ng
RT: 12.914 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:142 Resp: 316705
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
116 4.1 3.1 4.7

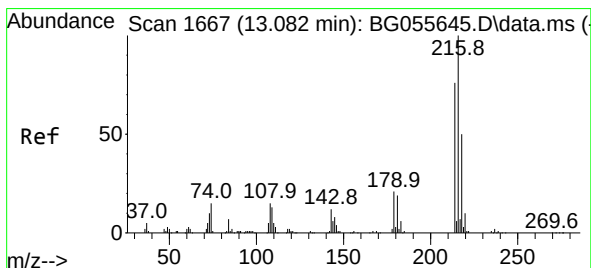
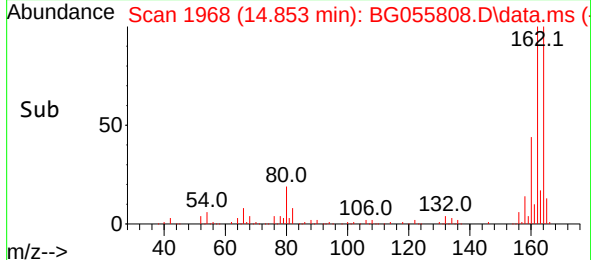
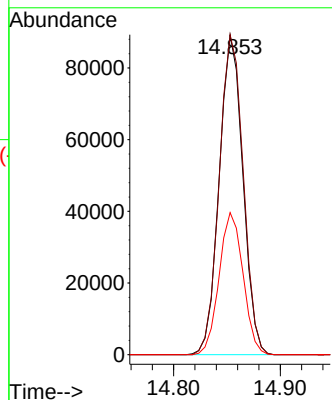
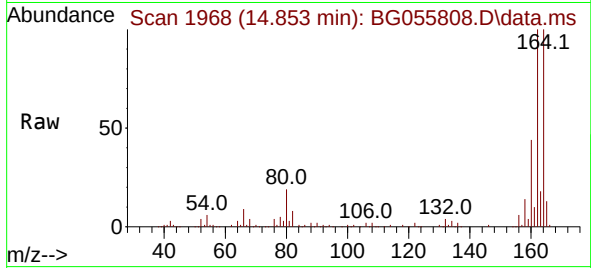




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

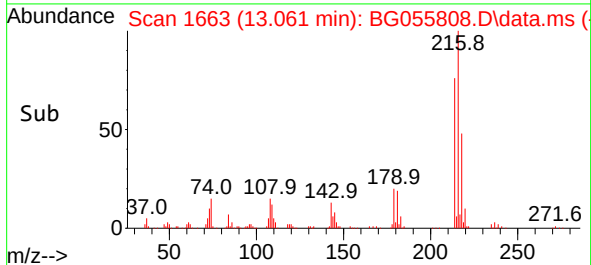
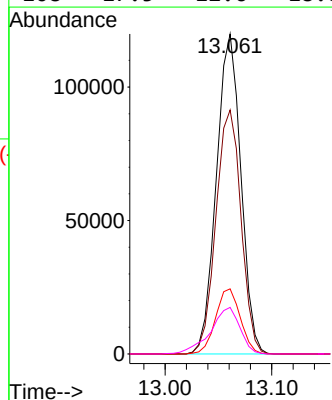
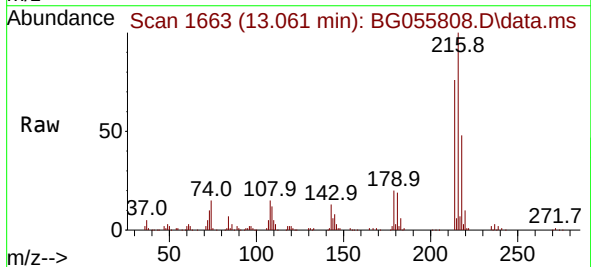
Instrument :
BNA_G
ClientSampleId :
B-12SMS

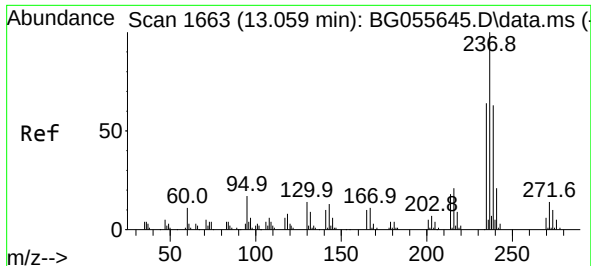
Tgt Ion:164 Resp: 137146
Ion Ratio Lower Upper
164 100
162 100.2 81.1 121.7
160 44.5 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.337 ng
RT: 13.061 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:216 Resp: 191086
Ion Ratio Lower Upper
216 100
214 78.1 62.1 93.1
179 20.5 16.5 24.7
108 17.5 12.6 18.8

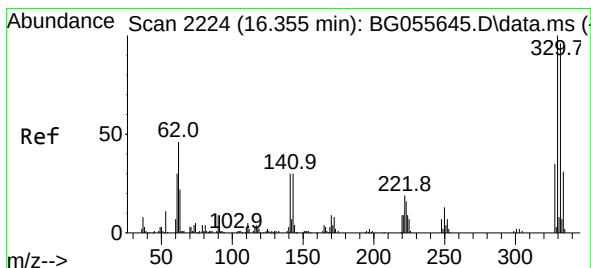
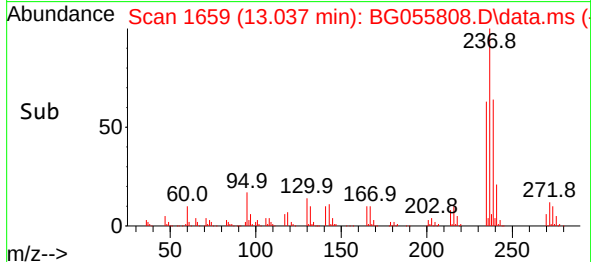
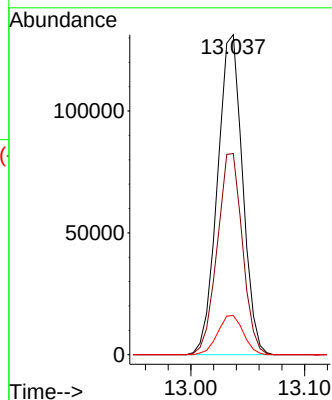
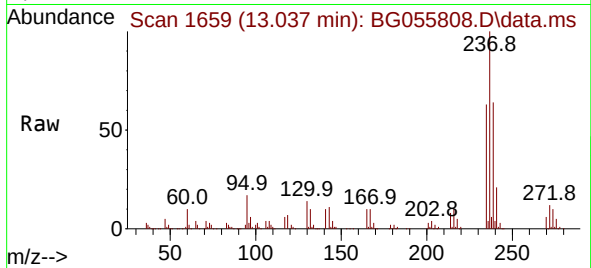




#41
Hexachlorocyclopentadiene
Concen: 92.792 ng
RT: 13.037 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

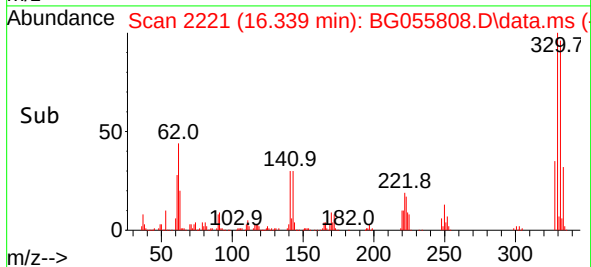
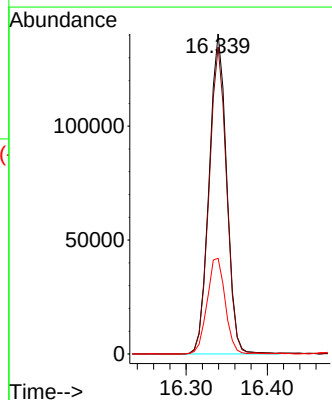
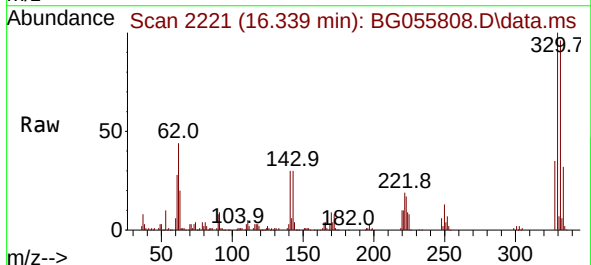
Instrument :
BNA_G
ClientSampleId :
B-12SMS

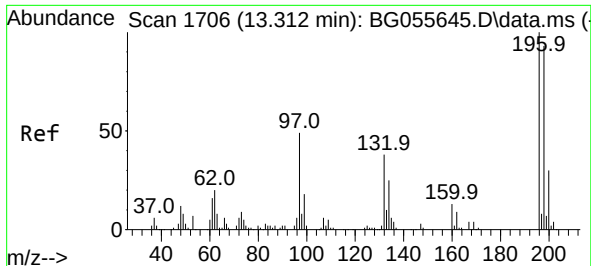
Tgt Ion:237 Resp: 201562
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 12.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 109.047 ng
RT: 16.339 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:330 Resp: 210590
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 30.9 23.9 35.9

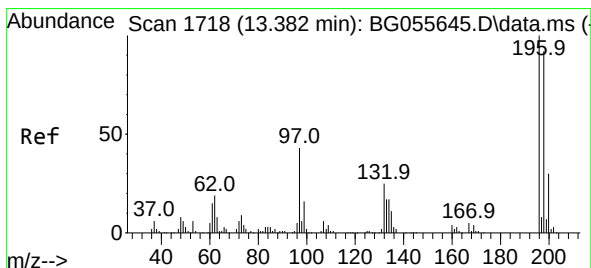
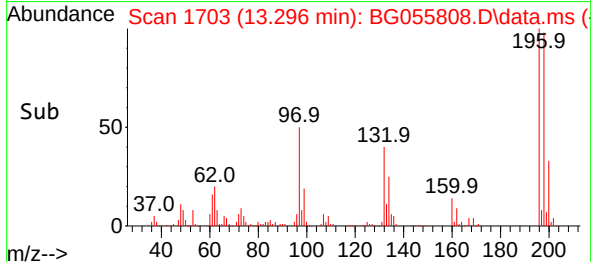
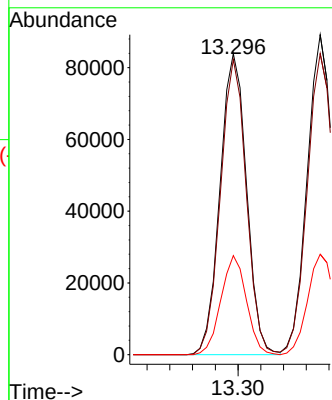
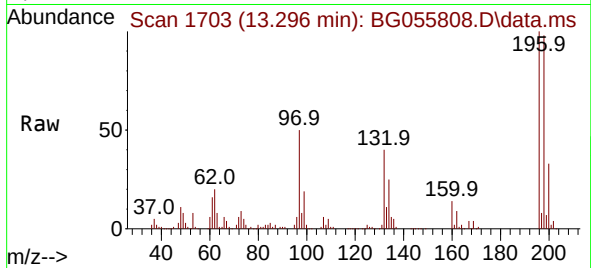




#43
2,4,6-Trichlorophenol
Concen: 46.266 ng
RT: 13.296 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

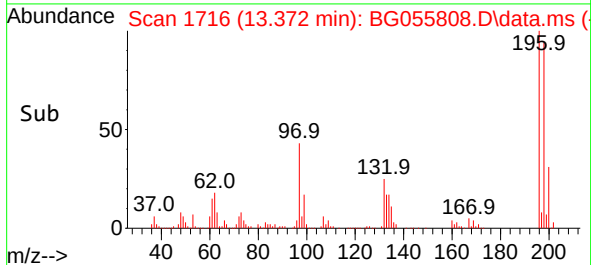
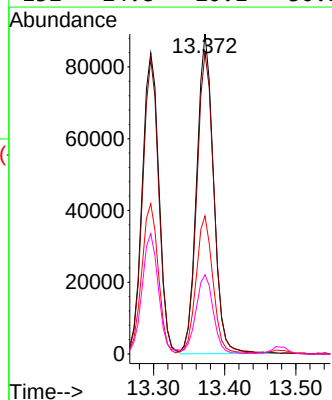
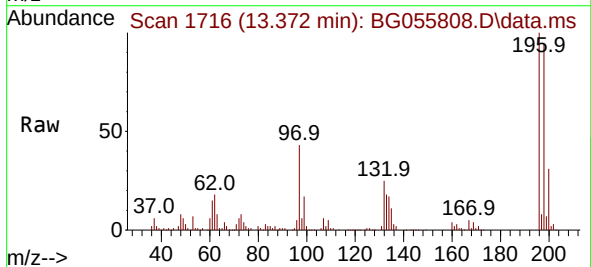
Instrument :
BNA_G
ClientSampleId :
B-12SMS

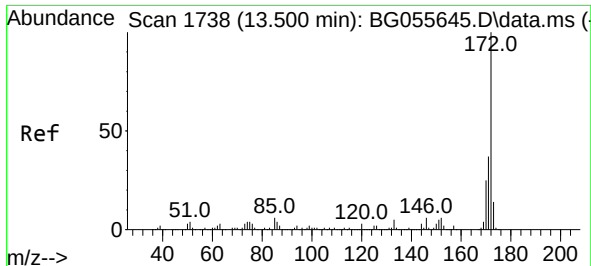
Tgt Ion:196 Resp: 136020
Ion Ratio Lower Upper
196 100
198 98.0 74.6 112.0
200 32.9 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 45.556 ng
RT: 13.372 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:196 Resp: 147182
Ion Ratio Lower Upper
196 100
198 94.1 74.1 111.1
97 43.1 34.8 52.2
132 24.8 20.1 30.1

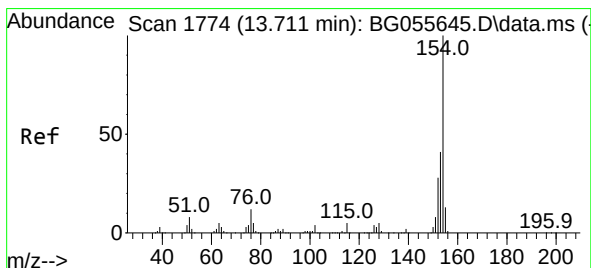
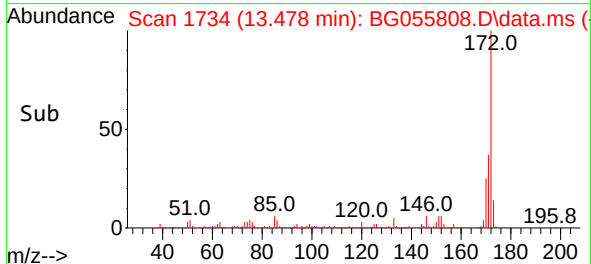
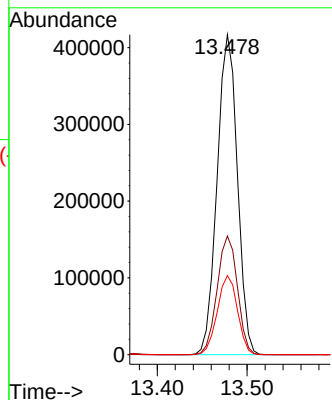
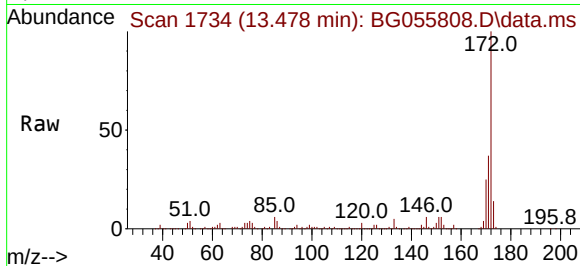




#45
2-Fluorobiphenyl
Concen: 71.381 ng
RT: 13.478 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

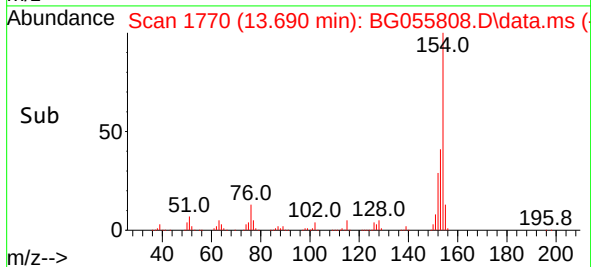
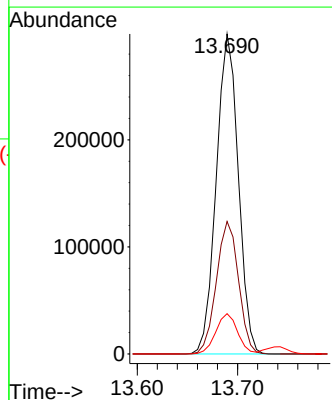
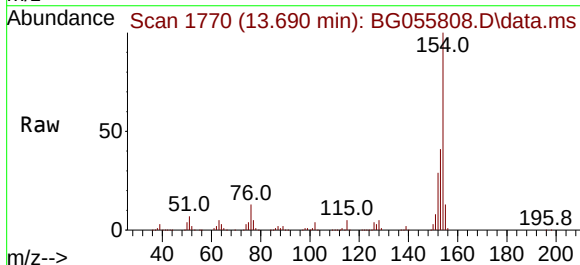
Instrument :
BNA_G
ClientSampleId :
B-12SMS

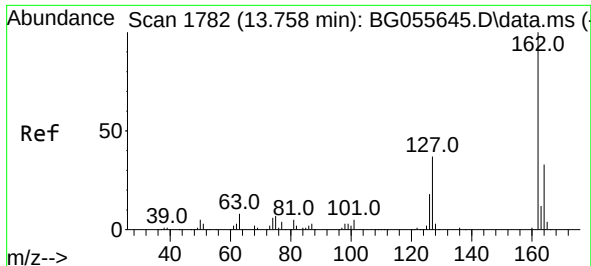
Tgt Ion:172 Resp: 653461
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 45.522 ng
RT: 13.690 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:154 Resp: 454947
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 12.6 0.0 32.4

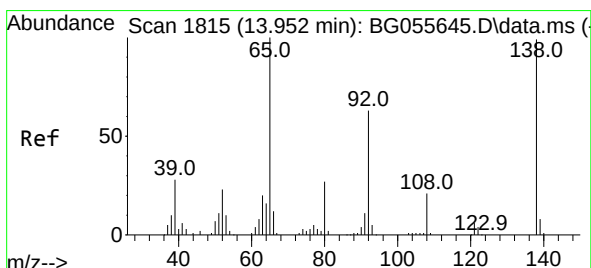
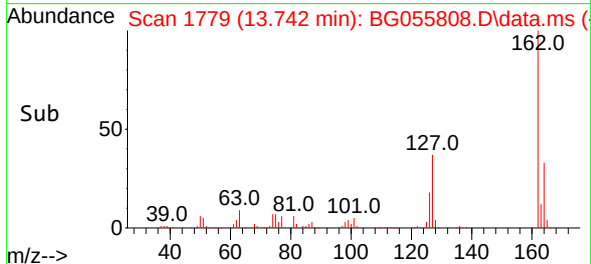
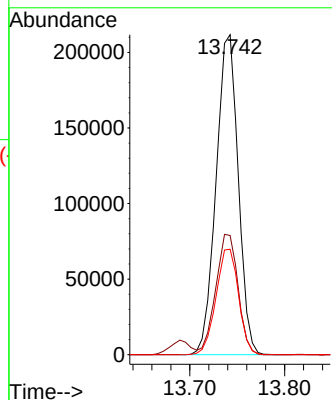
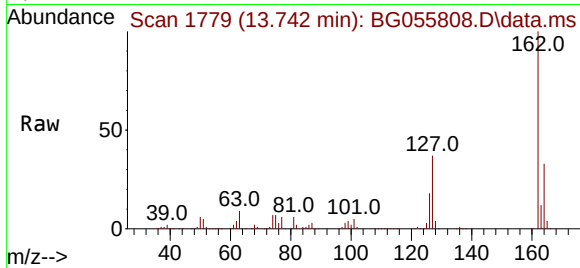




#47
2-Chloronaphthalene
Concen: 44.167 ng
RT: 13.742 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

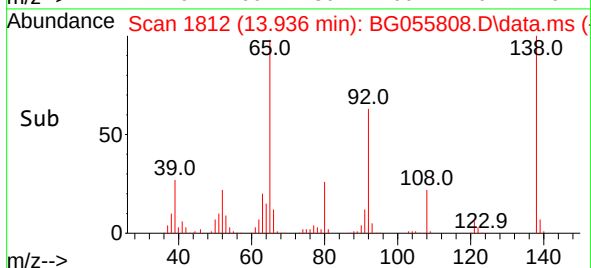
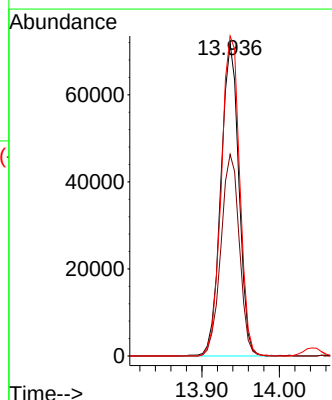
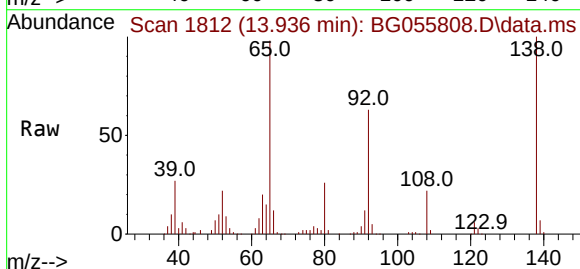
Instrument :
BNA_G
ClientSampleId :
B-12SMS

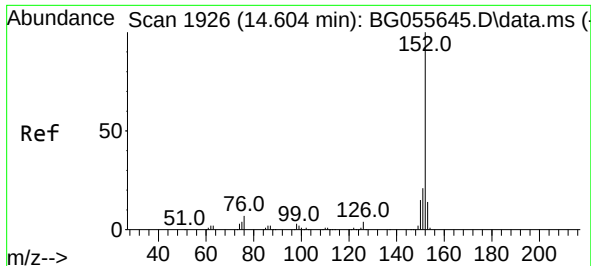
Tgt Ion:162 Resp: 343093
Ion Ratio Lower Upper
162 100
127 37.2 29.9 44.9
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 45.491 ng
RT: 13.936 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion: 65 Resp: 116182
Ion Ratio Lower Upper
65 100
92 64.5 50.1 75.1
138 102.4 79.4 119.0

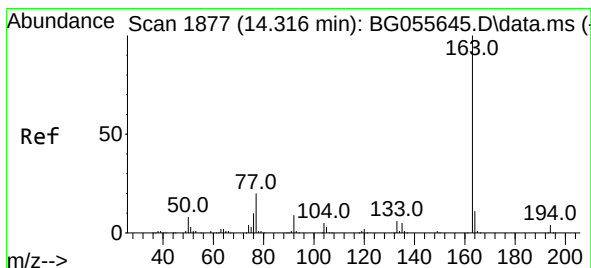
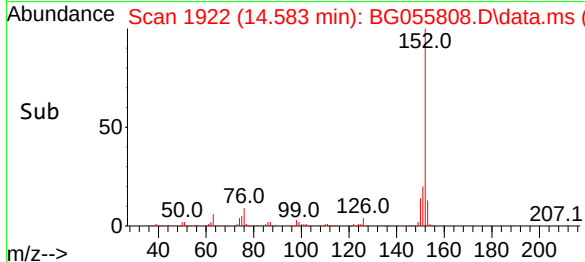
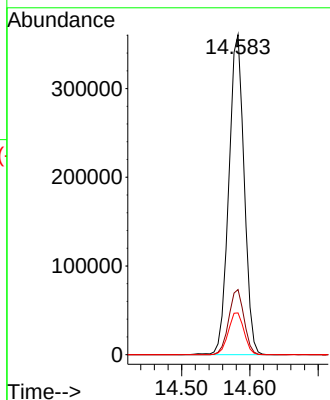
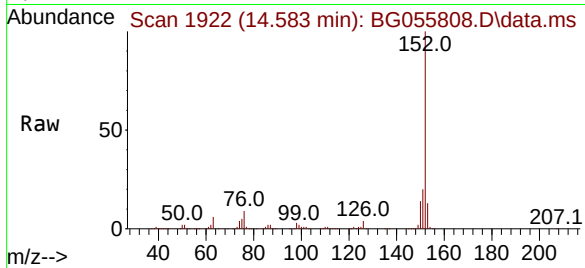




#49
Acenaphthylene
Concen: 43.967 ng
RT: 14.583 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

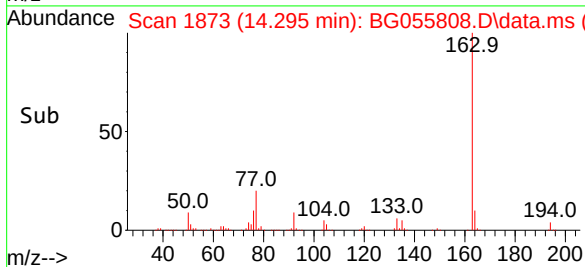
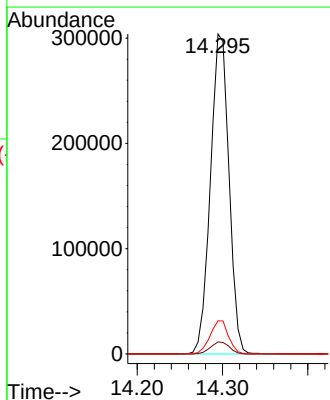
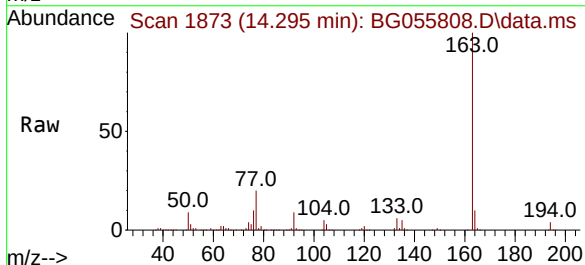
Instrument :
BNA_G
ClientSampleId :
B-12SMS

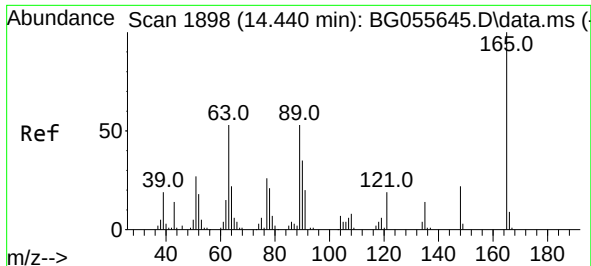
Tgt Ion:152 Resp: 562410
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.0 11.0 16.4



#50
Dimethylphthalate
Concen: 41.953 ng
RT: 14.295 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:163 Resp: 458661
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.6 12.8

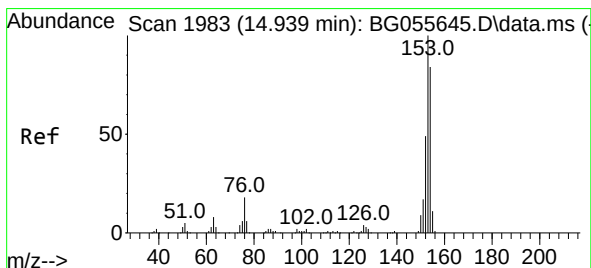
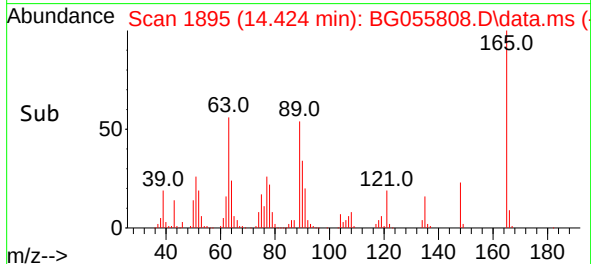
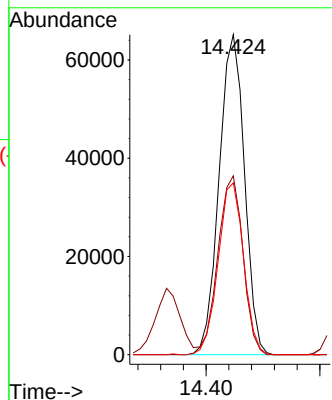
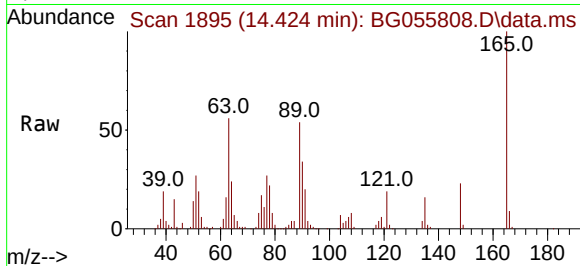




#51
2,6-Dinitrotoluene
Concen: 45.076 ng
RT: 14.424 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

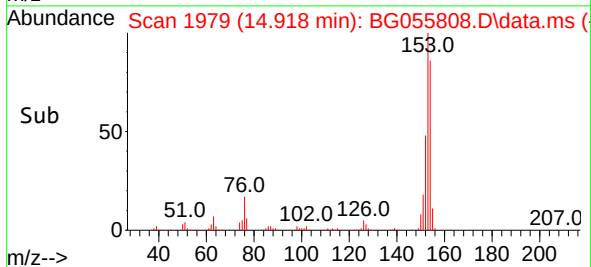
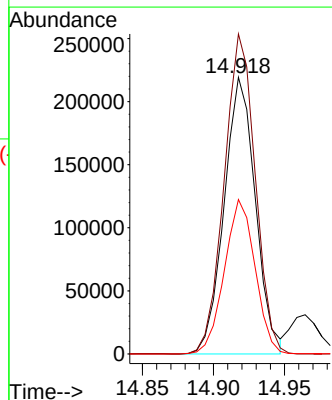
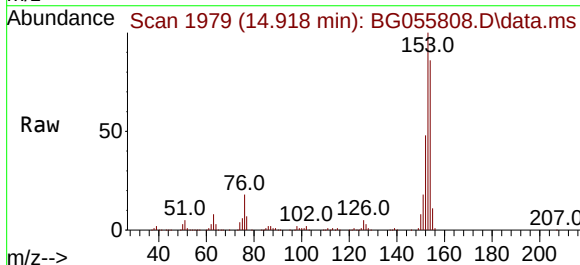
Instrument :
BNA_G
ClientSampleId :
B-12SMS

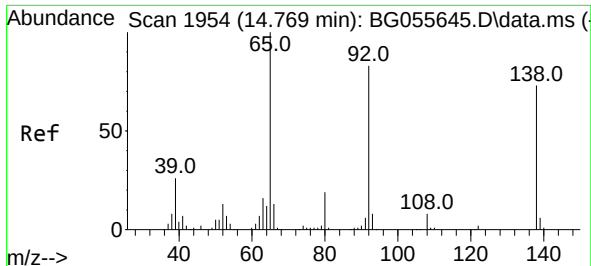
Tgt Ion:165 Resp: 100764
Ion Ratio Lower Upper
165 100
63 55.9 44.6 66.8
89 53.7 42.2 63.4



#52
Acenaphthene
Concen: 40.233 ng
RT: 14.918 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:154 Resp: 336361
Ion Ratio Lower Upper
154 100
153 115.7 95.0 142.4
152 55.8 46.1 69.1

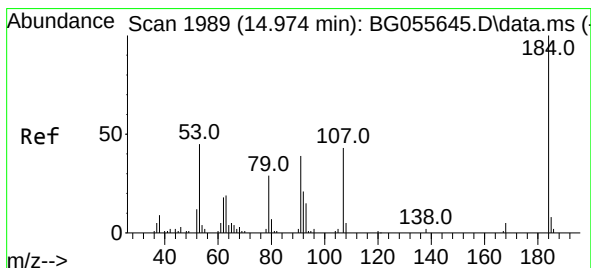
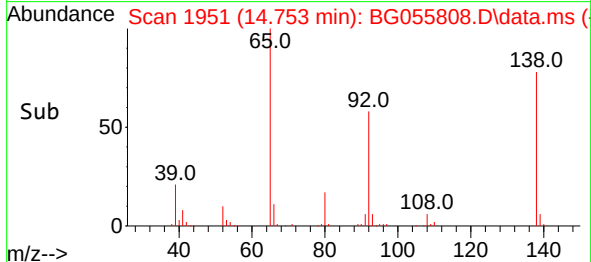
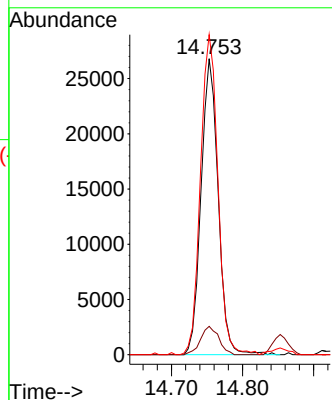
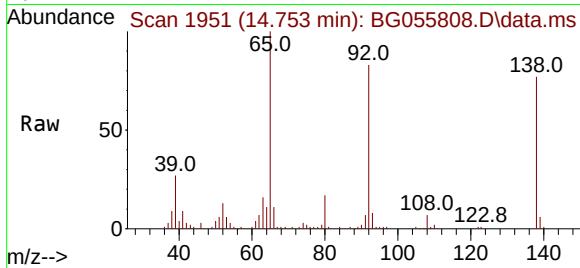




#53
3-Nitroaniline
Concen: 18.278 ng
RT: 14.753 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

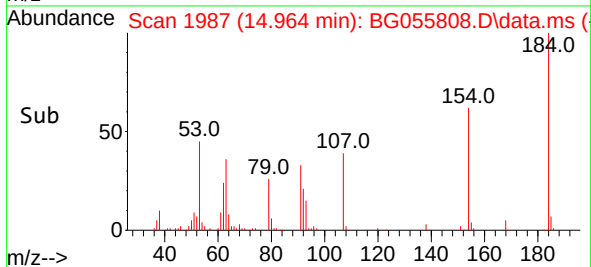
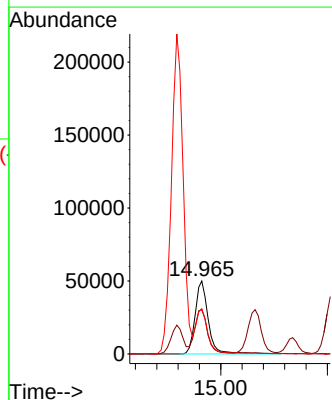
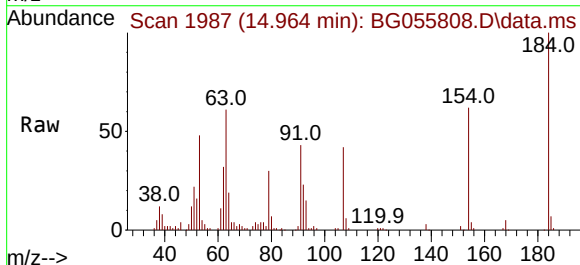
Instrument :
BNA_G
ClientSampleId :
B-12SMS

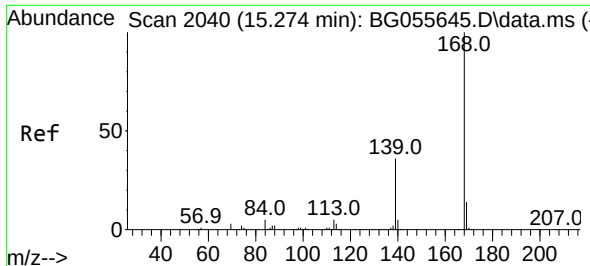
Tgt Ion:138 Resp: 44854
Ion Ratio Lower Upper
138 100
108 9.6 8.5 12.7
92 108.1 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 66.906 ng
RT: 14.964 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:184 Resp: 85992
Ion Ratio Lower Upper
184 100
63 60.7 49.5 74.3
154 62.2 52.0 78.0

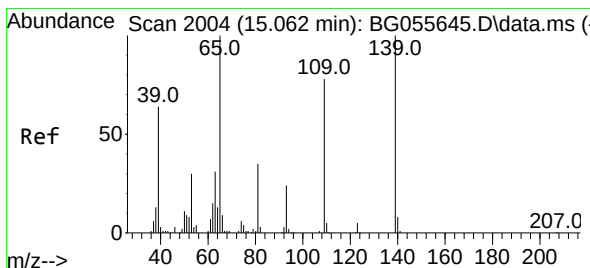
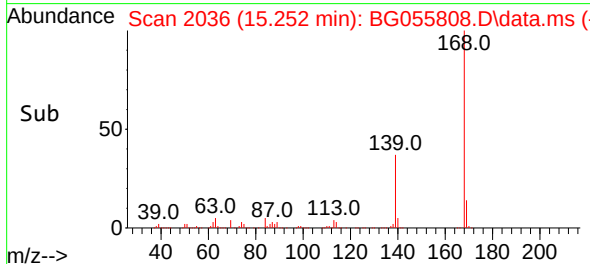
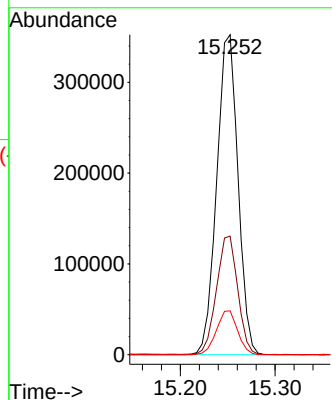
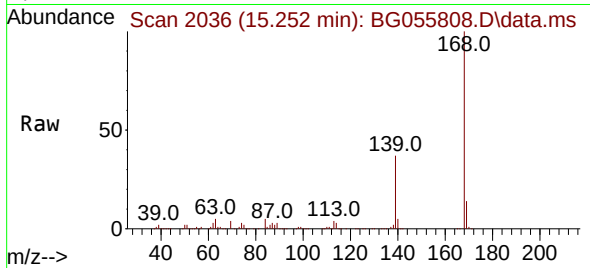




#55
Dibenzofuran
Concen: 42.586 ng
RT: 15.252 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

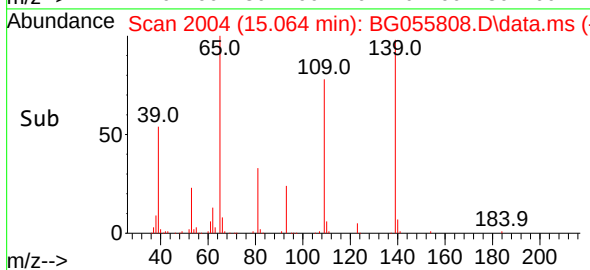
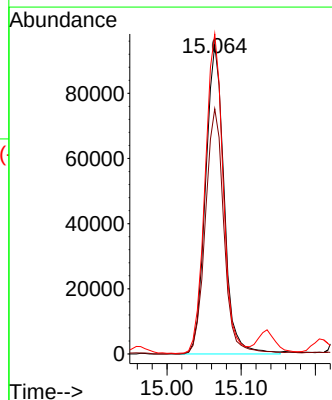
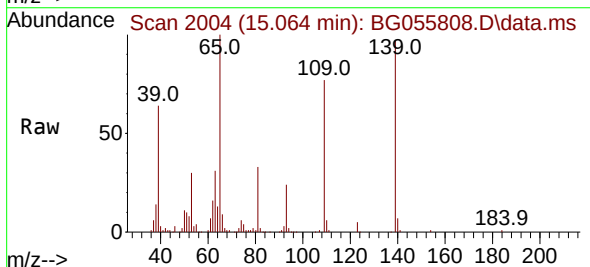
Instrument :
BNA_G
ClientSampleId :
B-12SMS

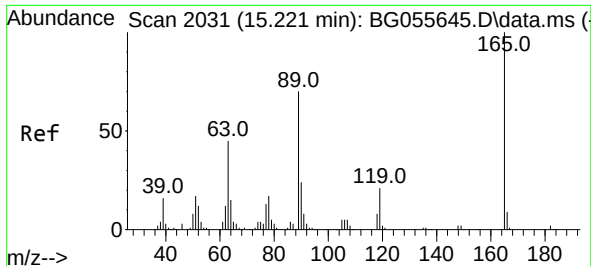
Tgt Ion:168 Resp: 549242
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 85.385 ng
RT: 15.064 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:139 Resp: 164450
Ion Ratio Lower Upper
139 100
109 79.3 58.6 98.6
65 103.5 80.5 120.5

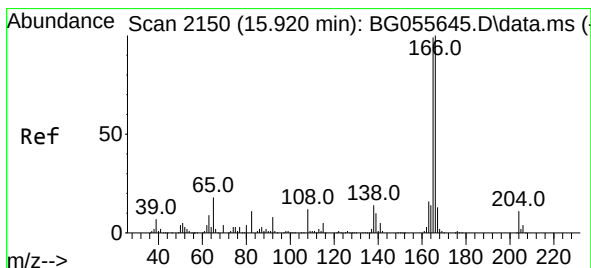
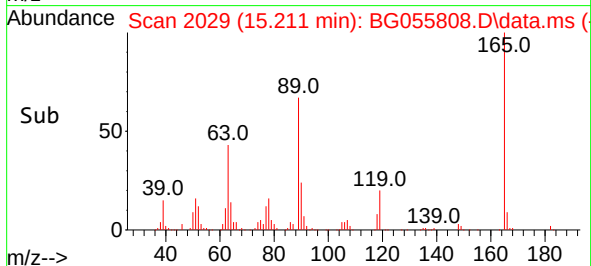
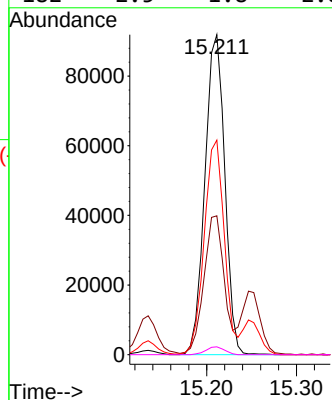
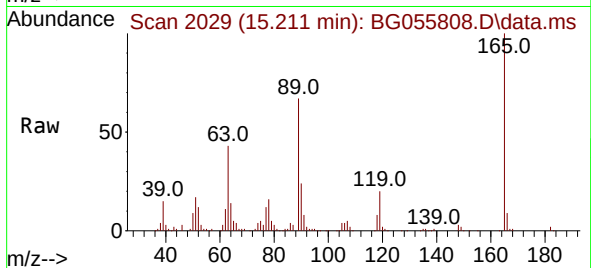




#57
2,4-Dinitrotoluene
Concen: 44.833 ng
RT: 15.211 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

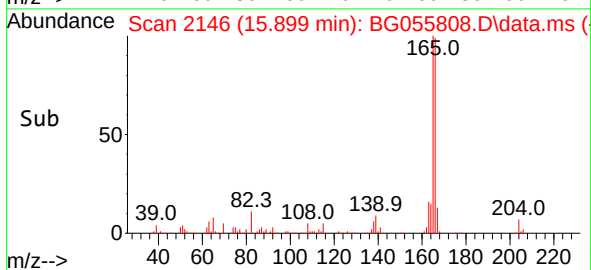
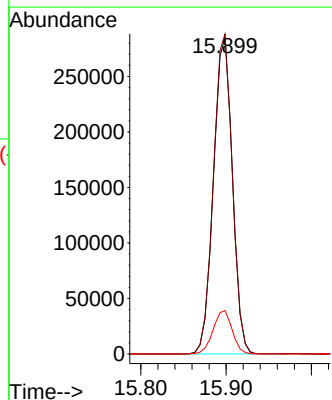
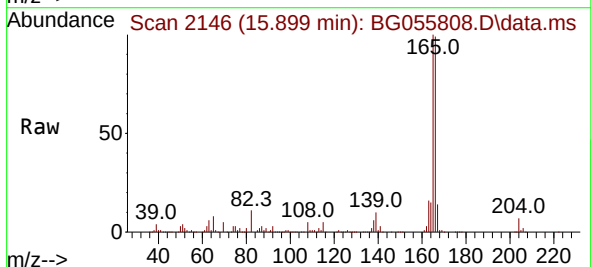
Instrument :
BNA_G
ClientSampleId :
B-12SMS

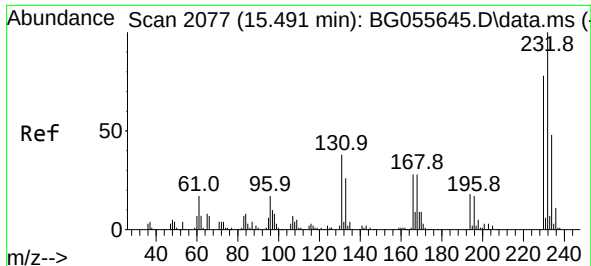
Tgt Ion:165 Resp: 141300
Ion Ratio Lower Upper
165 100
63 43.4 35.8 53.8
89 67.0 56.2 84.4
182 2.5 1.8 2.8



#58
Fluorene
Concen: 42.587 ng
RT: 15.899 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:166 Resp: 438681
Ion Ratio Lower Upper
166 100
165 101.0 79.3 118.9
167 13.8 10.6 15.8

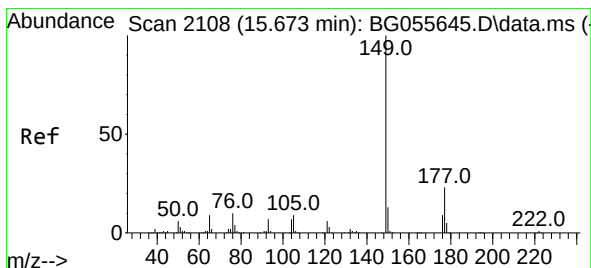
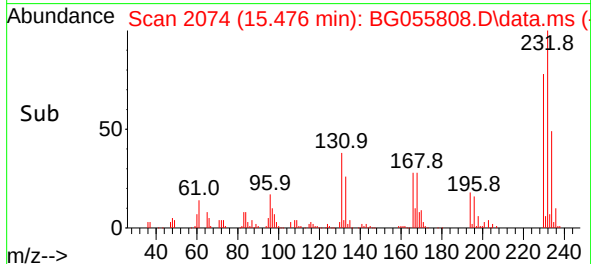
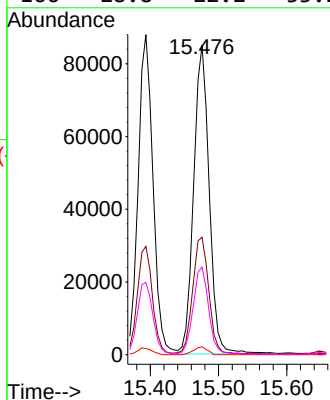
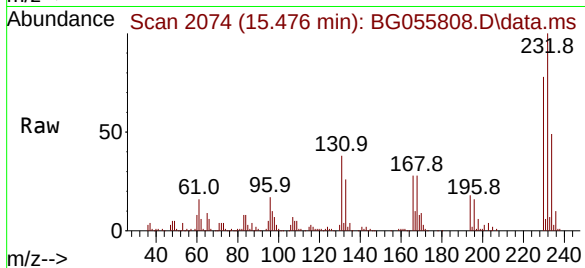




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.802 ng
RT: 15.476 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

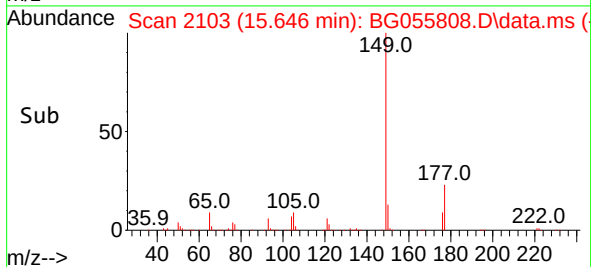
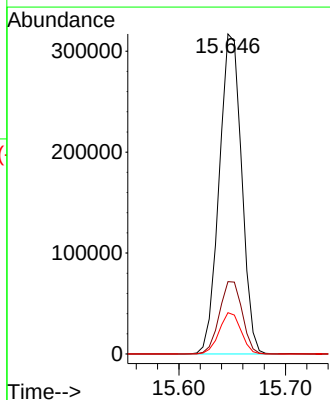
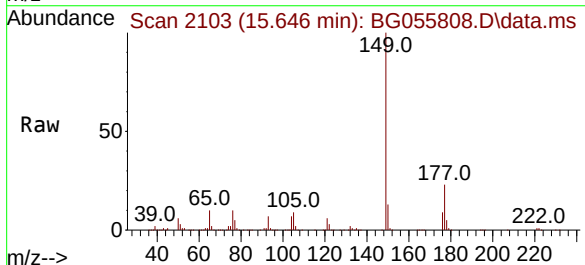
Instrument :
BNA_G
ClientSampleId :
B-12SMS

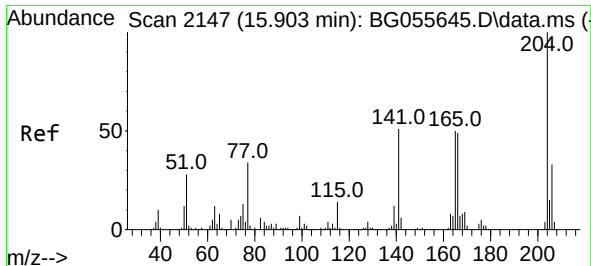
Tgt Ion:232 Resp: 133993
Ion Ratio Lower Upper
232 100
131 39.5 29.8 44.8
130 2.2 1.7 2.5
166 28.8 22.2 33.2



#60
Diethylphthalate
Concen: 41.834 ng
RT: 15.646 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:149 Resp: 462405
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.9 10.0 15.0

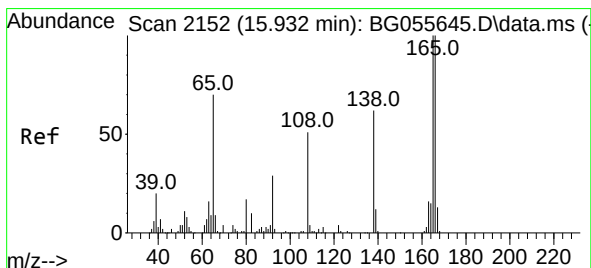
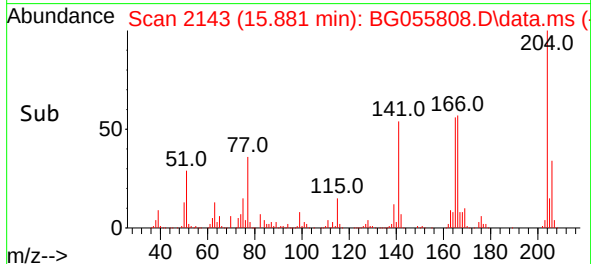
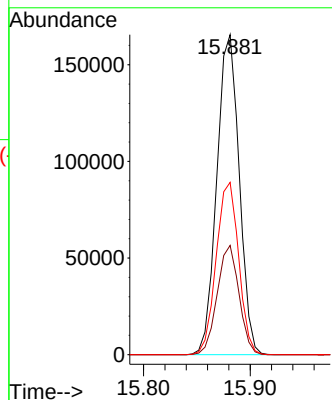
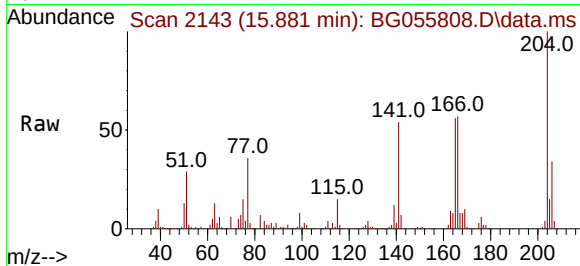




#61
4-Chlorophenyl-phenylether
Concen: 42.590 ng
RT: 15.881 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

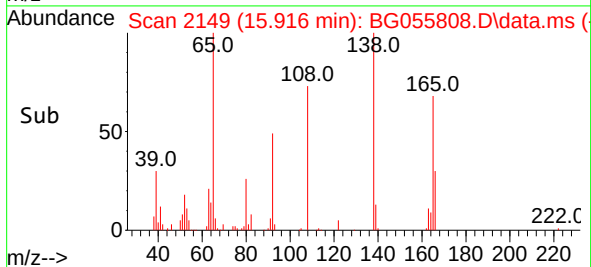
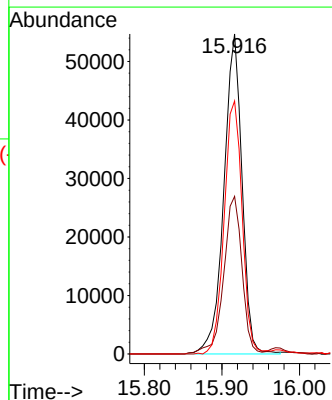
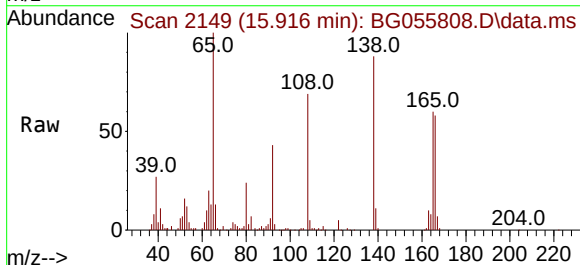
Instrument :
BNA_G
ClientSampleId :
B-12SMS

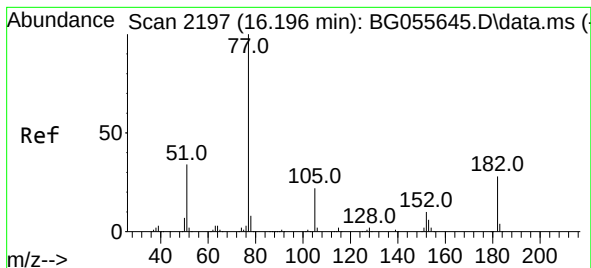
Tgt Ion:204 Resp: 241159
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 53.9 40.6 61.0



#62
4-Nitroaniline
Concen: 34.818 ng
RT: 15.916 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:138 Resp: 89314
Ion Ratio Lower Upper
138 100
92 49.3 27.3 67.3
108 79.1 62.8 102.8





#63

Azobenzene

Concen: 43.397 ng

RT: 16.175 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

Tgt Ion: 77 Resp: 418776

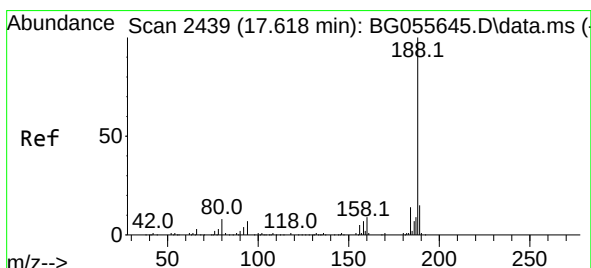
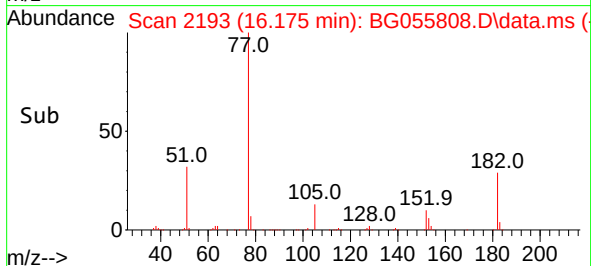
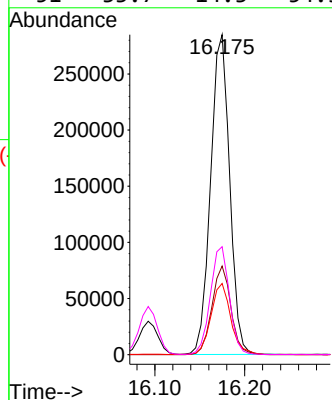
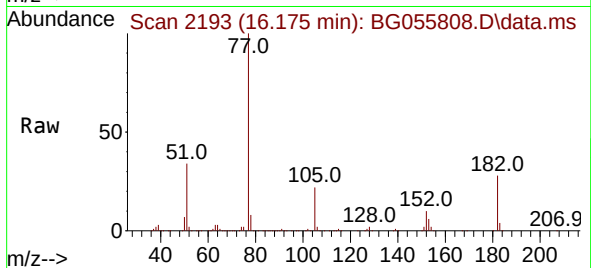
Ion Ratio Lower Upper

77 100

182 27.7 8.1 48.1

105 22.2 1.8 41.8

51 33.7 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.597 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

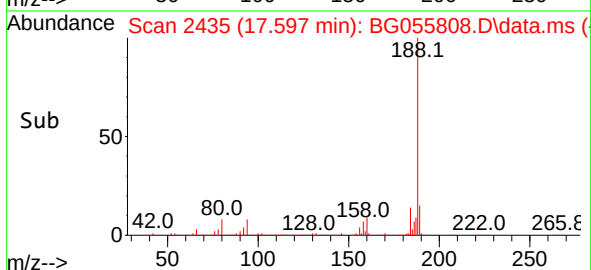
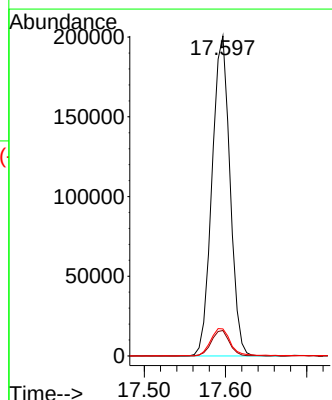
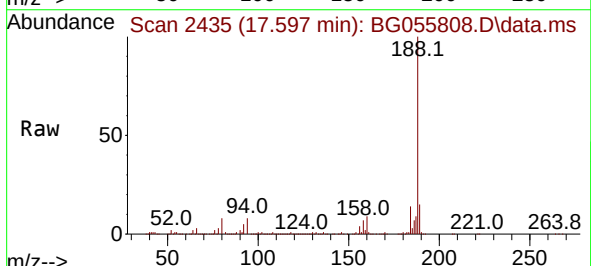
Tgt Ion:188 Resp: 307884

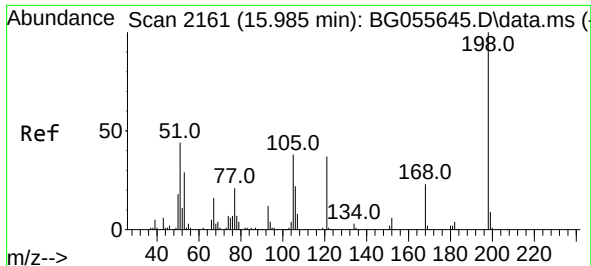
Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.2

80 8.5 6.6 10.0

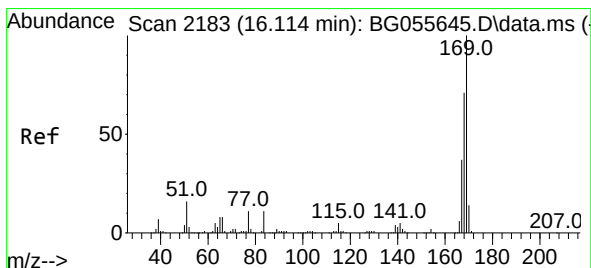
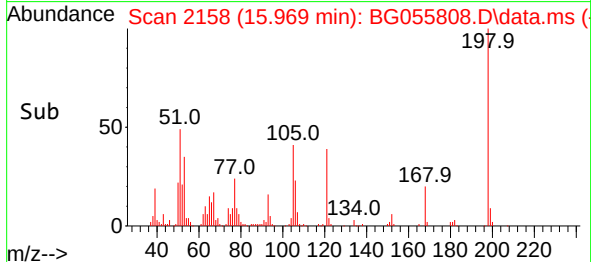
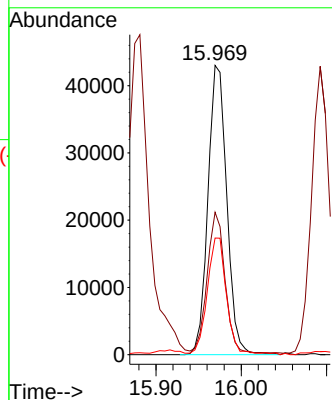
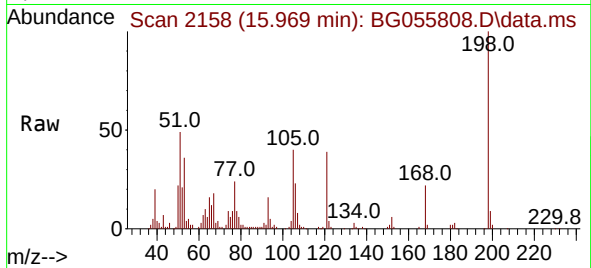




#65
4,6-Dinitro-2-methylphenol
Concen: 38.422 ng
RT: 15.969 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

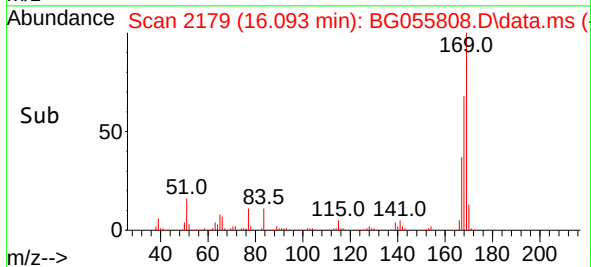
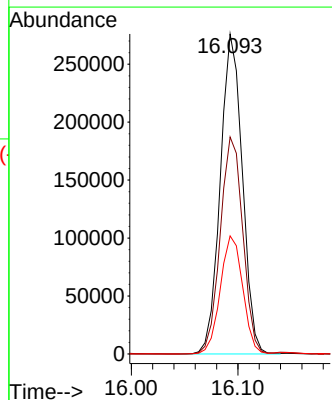
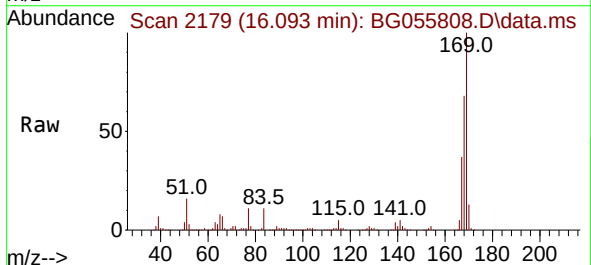
Instrument :
BNA_G
ClientSampleId :
B-12SMS

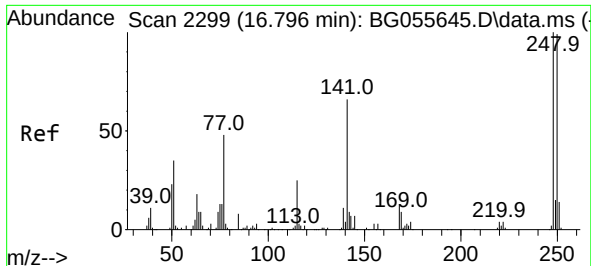
Tgt Ion:198 Resp: 66055
Ion Ratio Lower Upper
198 100
51 49.2 27.7 67.7
105 40.3 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 46.634 ng
RT: 16.093 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:169 Resp: 395693
Ion Ratio Lower Upper
169 100
168 67.8 56.6 85.0
167 36.9 29.9 44.9

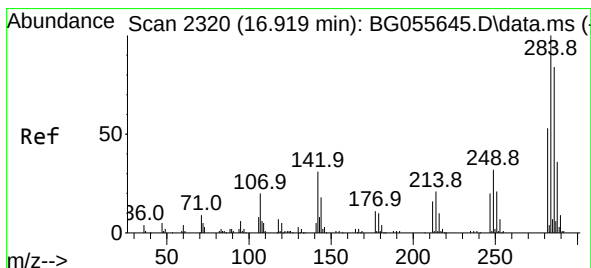
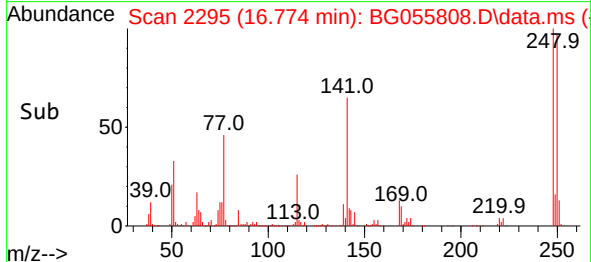
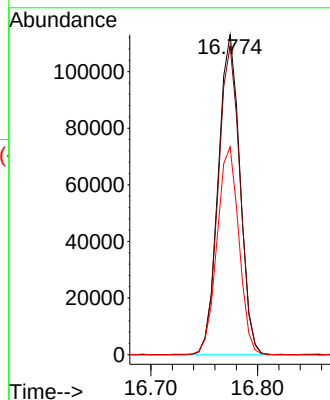
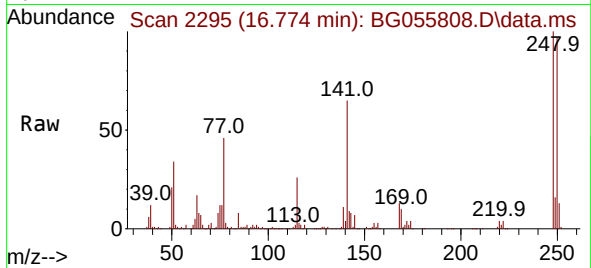




#67
4-Bromophenyl-phenylether
Concen: 45.405 ng
RT: 16.774 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

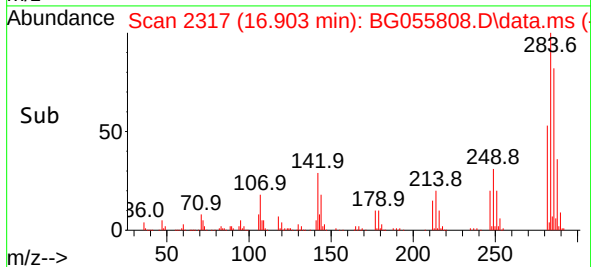
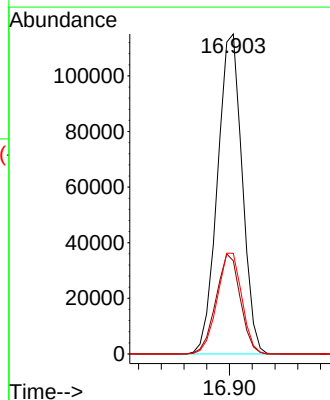
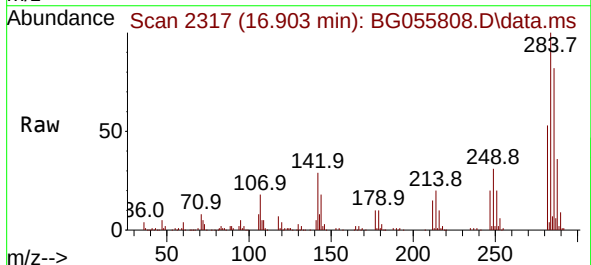
Instrument :
BNA_G
ClientSampleId :
B-12SMS

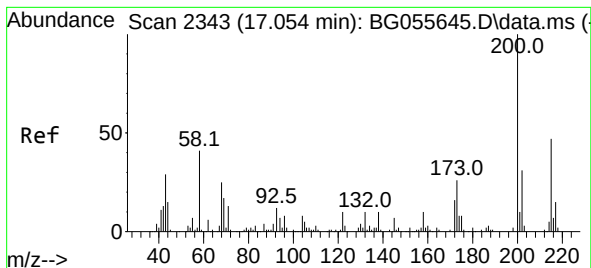
Tgt Ion:248 Resp: 159279
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.4
141 65.0 52.9 79.3



#68
Hexachlorobenzene
Concen: 44.583 ng
RT: 16.903 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:284 Resp: 173420
Ion Ratio Lower Upper
284 100
142 29.1 24.8 37.2
249 31.4 25.7 38.5





#69

Atrazine

Concen: 48.183 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

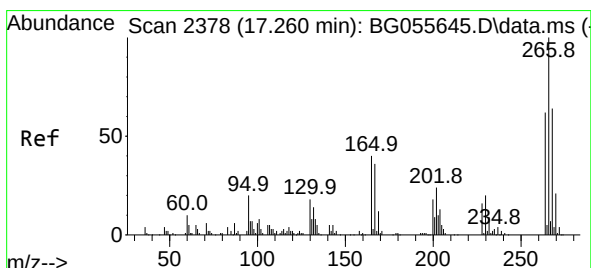
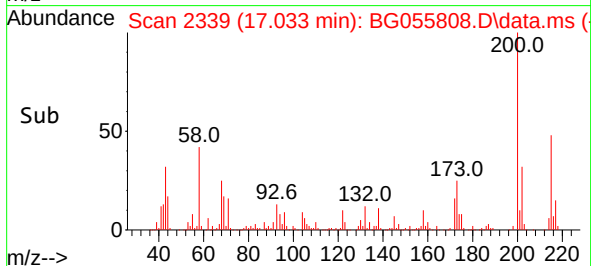
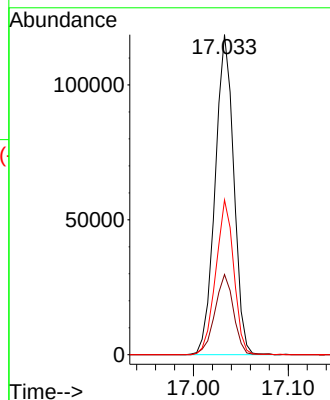
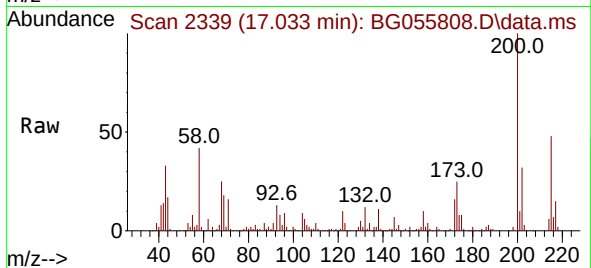
Tgt Ion:200 Resp: 161693

Ion Ratio Lower Upper

200 100

173 25.0 5.6 45.6

215 48.3 27.2 67.2



#70

Pentachlorophenol

Concen: 85.552 ng

RT: 17.244 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

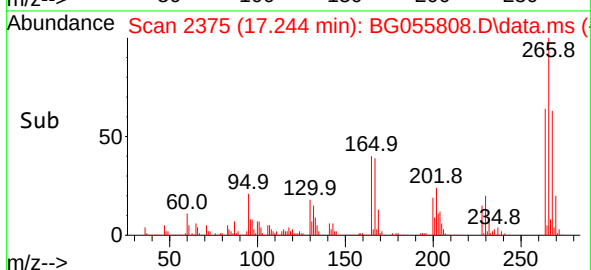
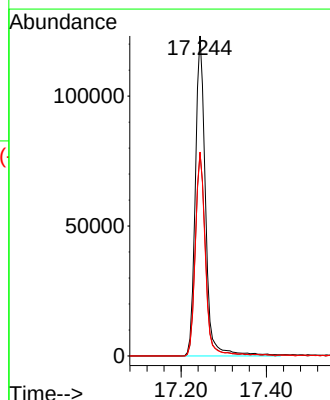
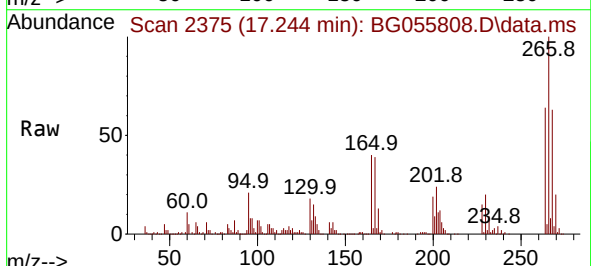
Tgt Ion:266 Resp: 203571

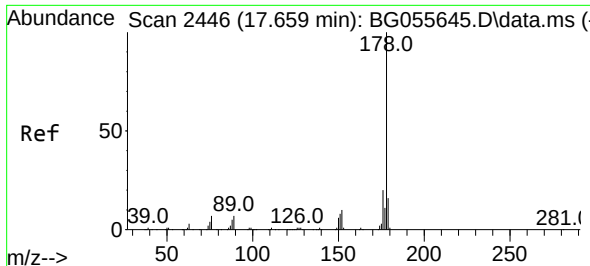
Ion Ratio Lower Upper

266 100

268 63.4 51.2 76.8

264 63.8 49.5 74.3

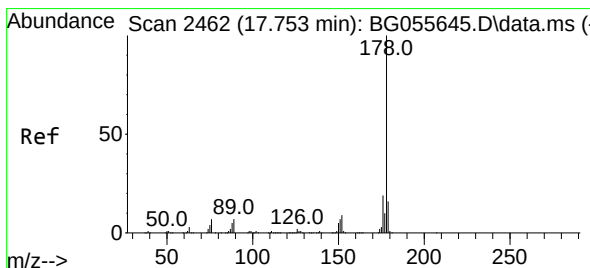
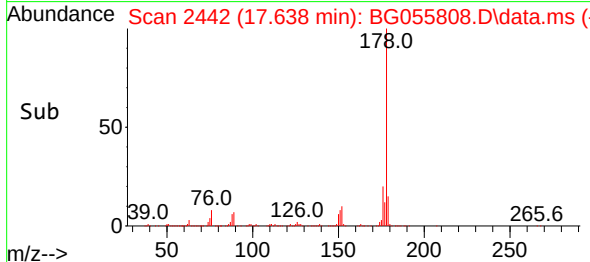
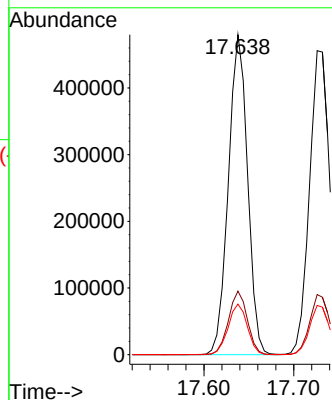
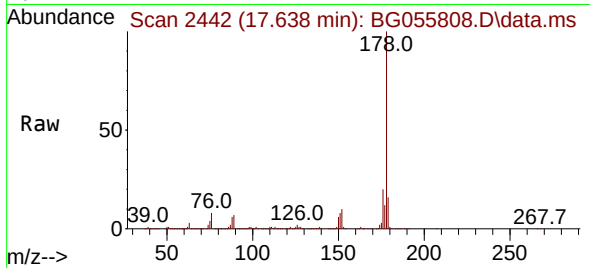




#71
Phenanthrene
Concen: 42.848 ng
RT: 17.638 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

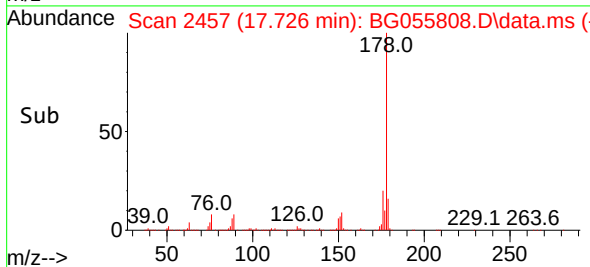
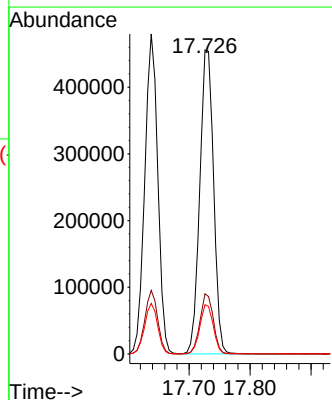
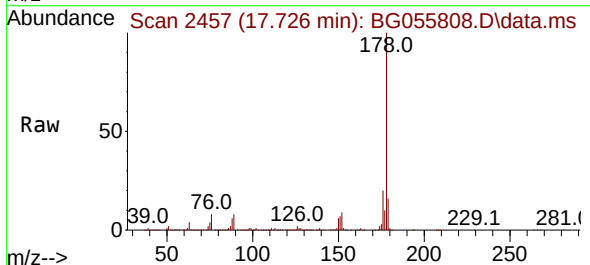
Instrument :
BNA_G
ClientSampleId :
B-12SMS

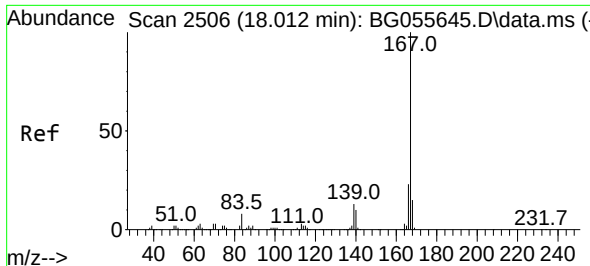
Tgt Ion:178 Resp: 711907
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.8 12.7 19.1



#72
Anthracene
Concen: 44.525 ng
RT: 17.726 min Scan# 2457
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:178 Resp: 718775
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.2 12.5 18.7

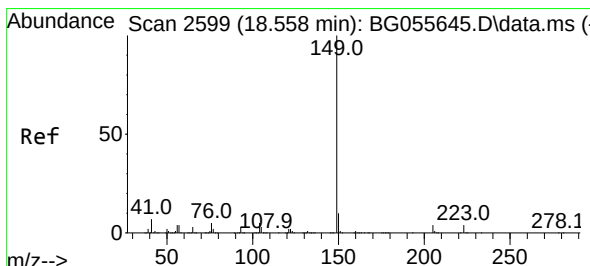
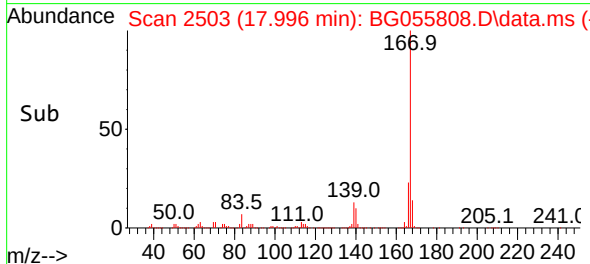
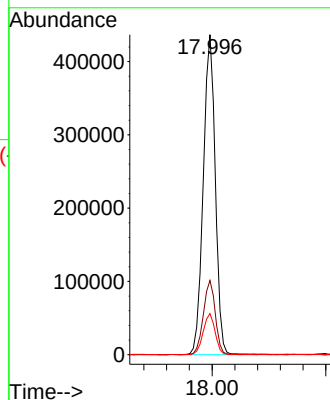
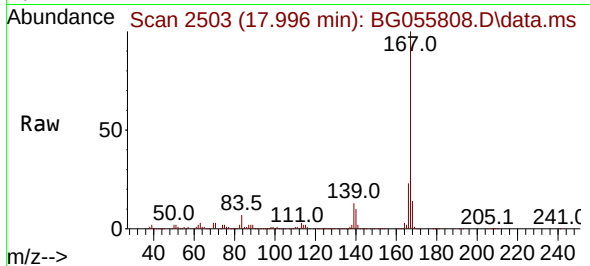




#73
 Carbazole
 Concen: 44.189 ng
 RT: 17.996 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

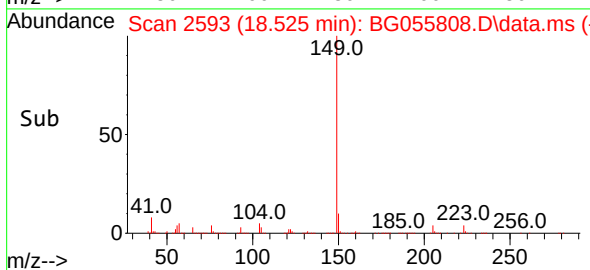
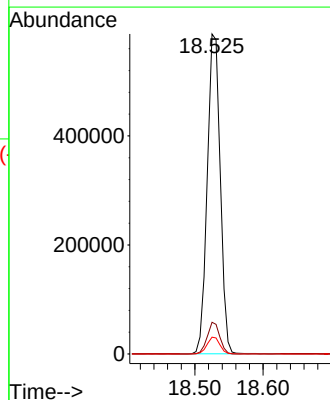
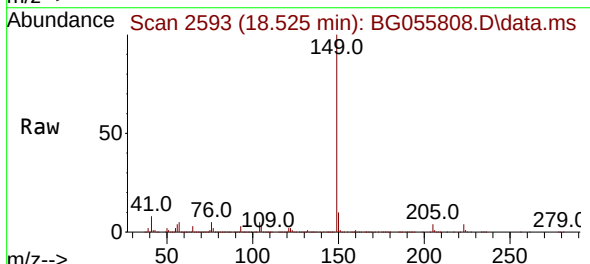
Instrument :
 BNA_G
 ClientSampleId :
 B-12SMS

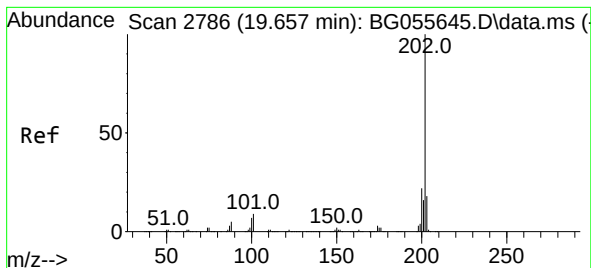
Tgt Ion:167 Resp: 641298
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.2
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 43.137 ng
 RT: 18.525 min Scan# 2593
 Delta R.T. -0.006 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

Tgt Ion:149 Resp: 777333
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 39.605 ng

RT: 19.636 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

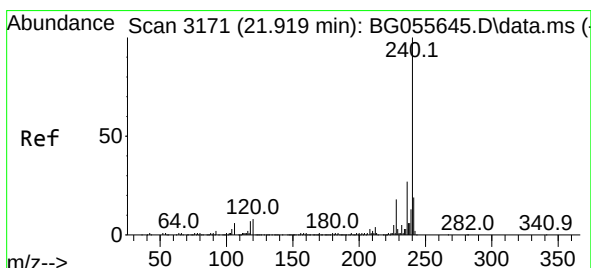
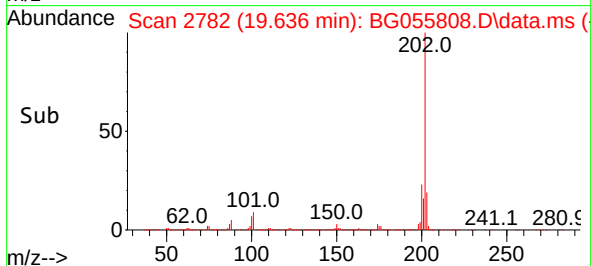
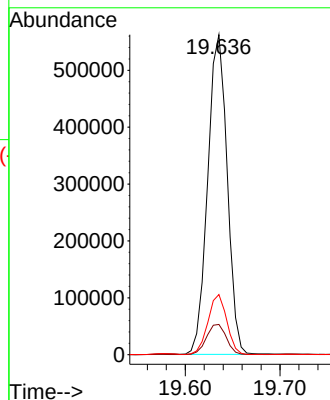
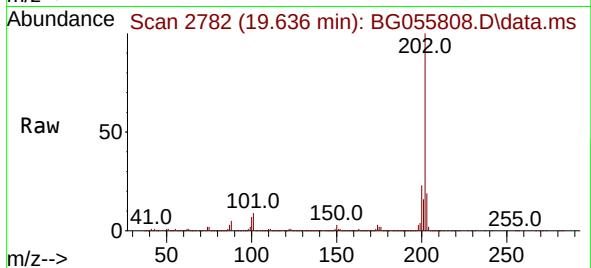
Tgt Ion:202 Resp: 800535

Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.8

203 18.8 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.886 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

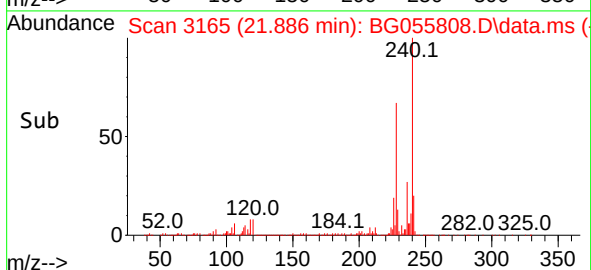
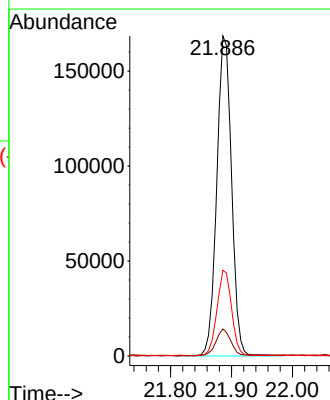
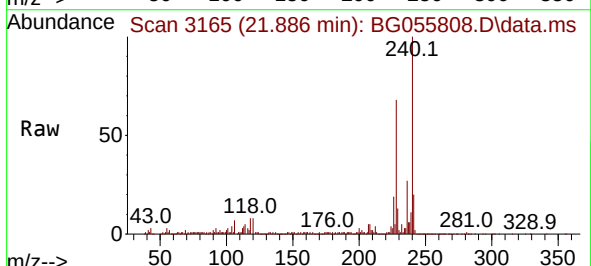
Tgt Ion:240 Resp: 284061

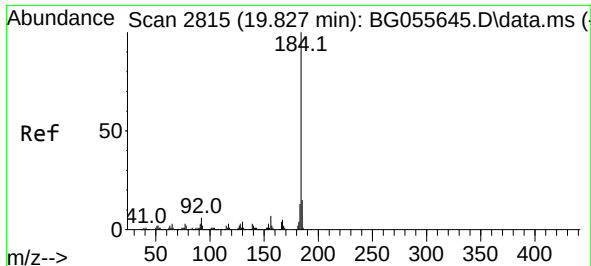
Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 26.8 21.9 32.9

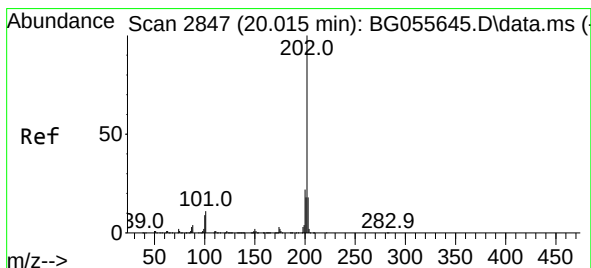
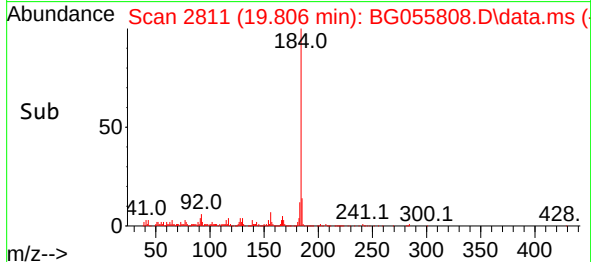
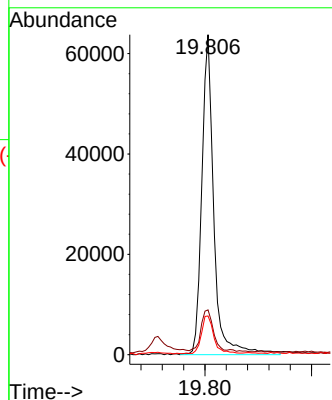
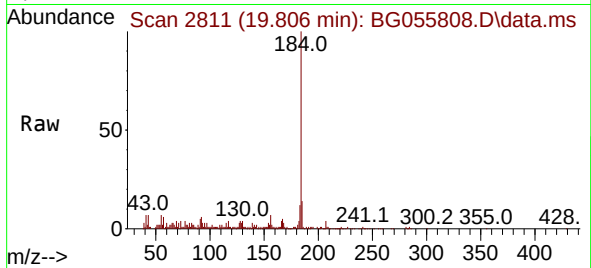




#77
Benzidine
Concen: 15.164 ng
RT: 19.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

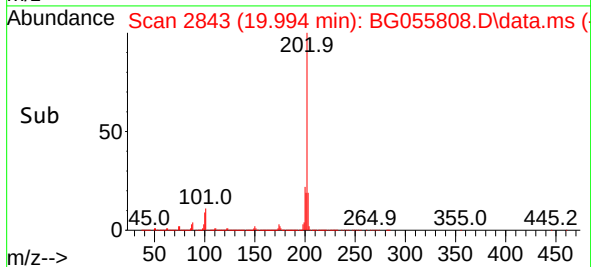
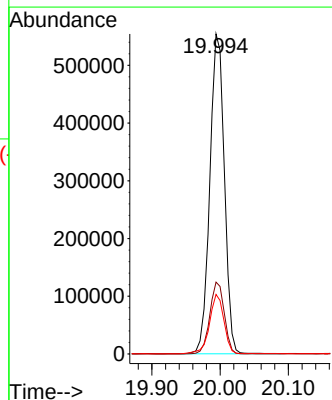
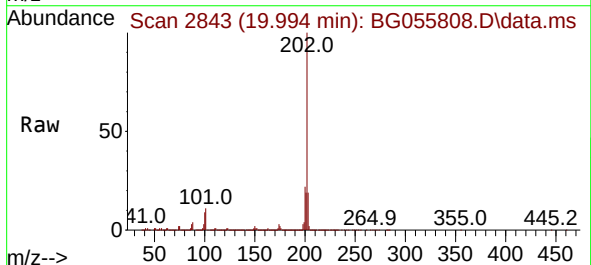
Instrument :
BNA_G
ClientSampleId :
B-12SMS

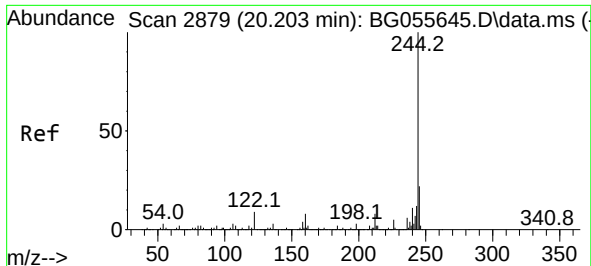
Tgt Ion:184 Resp: 99650
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 12.1 10.6 15.8



#78
Pyrene
Concen: 42.773 ng
RT: 19.994 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:202 Resp: 822411
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.6 14.4 21.6

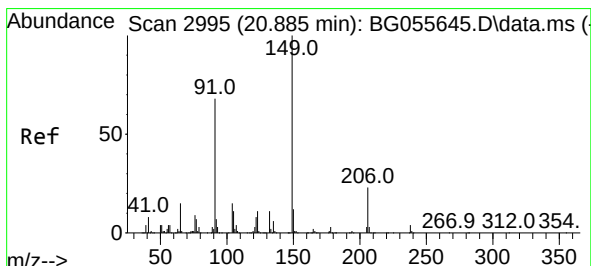
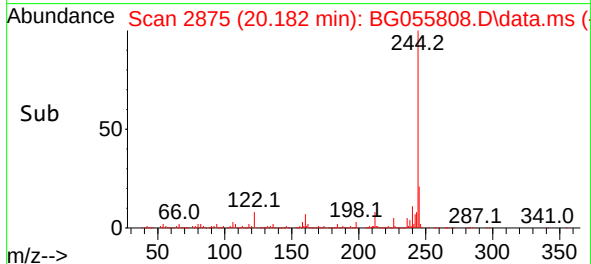
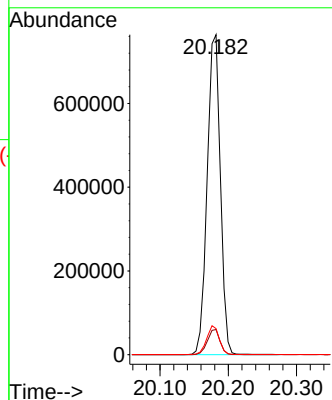
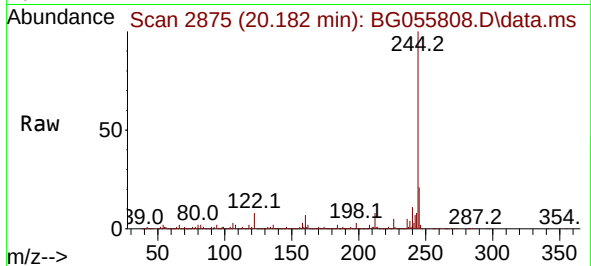




#79
 Terphenyl-d14
 Concen: 72.362 ng
 RT: 20.182 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

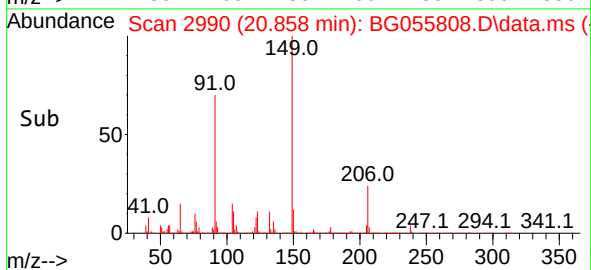
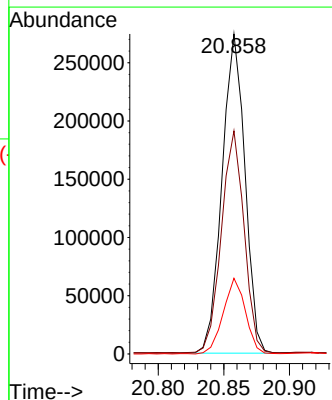
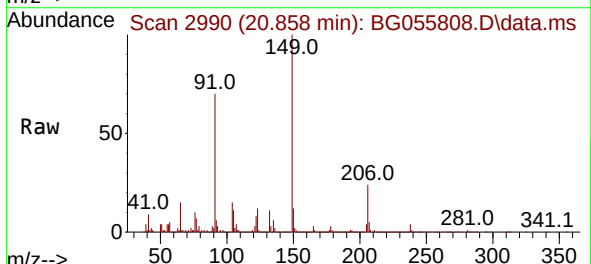
Instrument :
 BNA_G
 ClientSampleId :
 B-12SMS

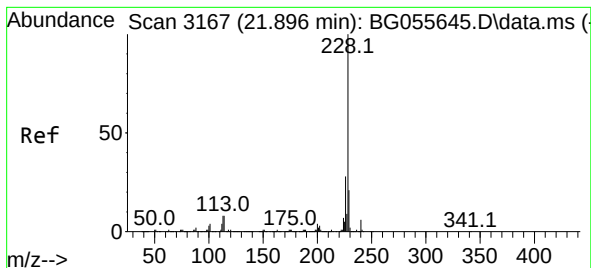
Tgt Ion:244 Resp: 1027697
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.2 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 44.073 ng
 RT: 20.858 min Scan# 2990
 Delta R.T. -0.006 min
 Lab File: BG055808.D
 Acq: 28 Nov 2022 17:03

Tgt Ion:149 Resp: 331748
 Ion Ratio Lower Upper
 149 100
 91 69.7 54.6 81.8
 206 23.7 18.3 27.5





#81

Benzo(a)anthracene

Concen: 42.673 ng

RT: 21.868 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

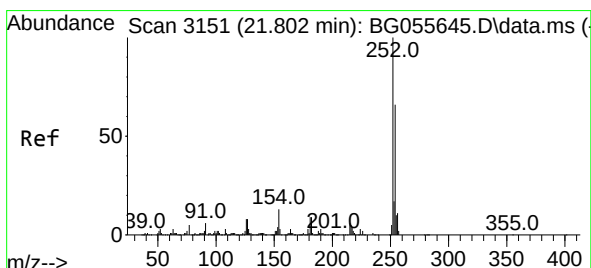
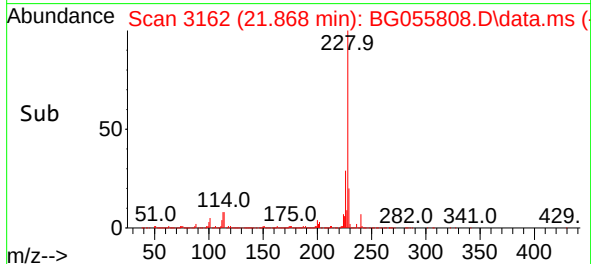
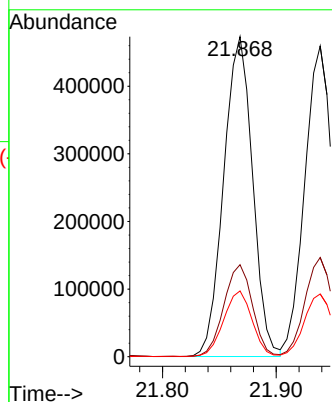
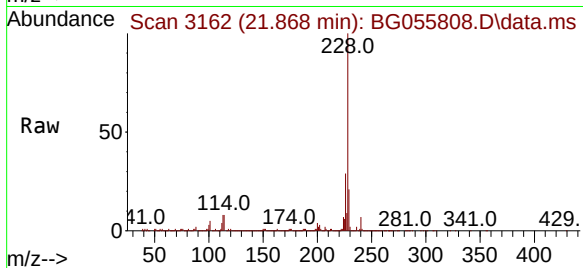
Tgt Ion:228 Resp: 834894

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

229 20.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 21.310 ng

RT: 21.768 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

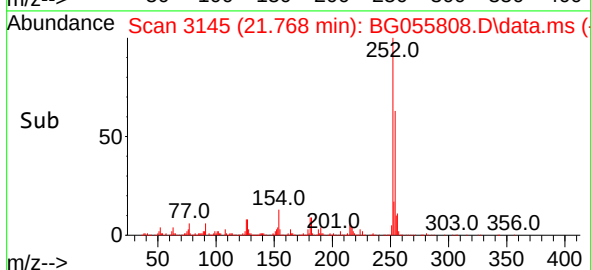
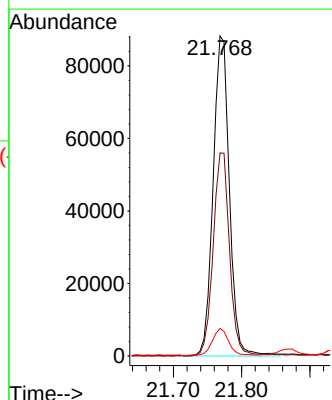
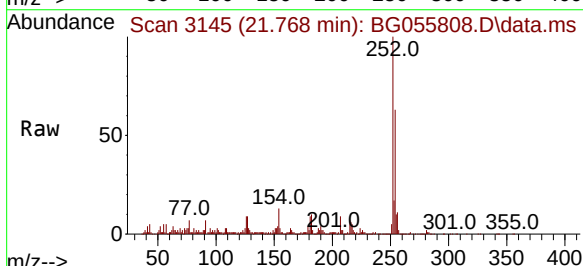
Tgt Ion:252 Resp: 146505

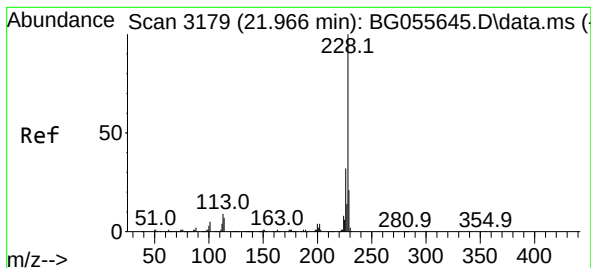
Ion Ratio Lower Upper

252 100

254 63.5 53.0 79.6

126 8.6 6.7 10.1





#83

Chrysene

Concen: 41.985 ng

RT: 21.939 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

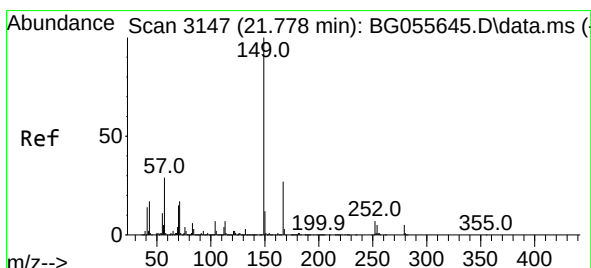
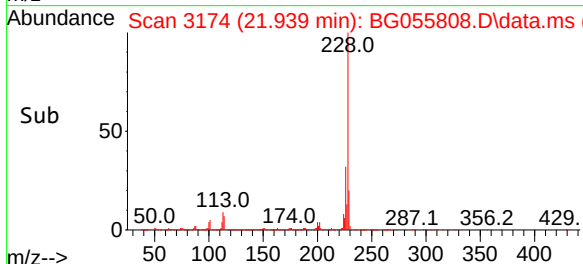
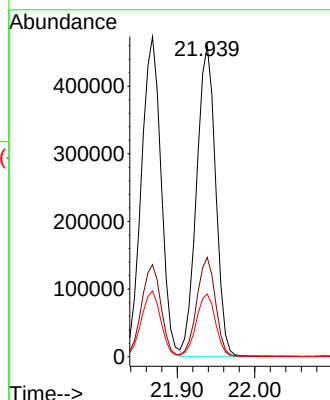
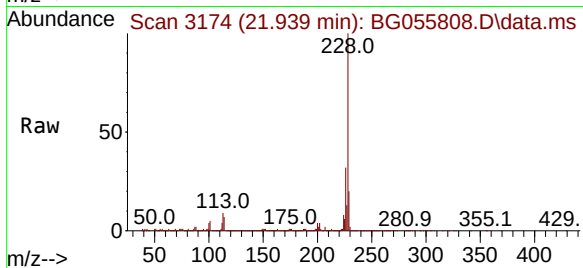
Tgt Ion:228 Resp: 781999

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.2

229 20.2 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.028 ng

RT: 21.739 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

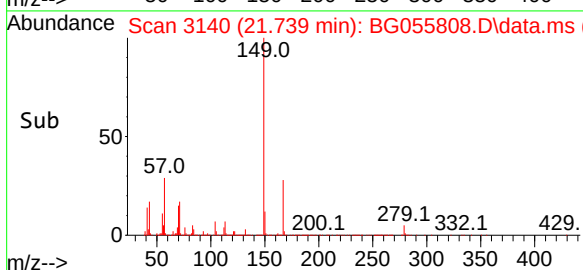
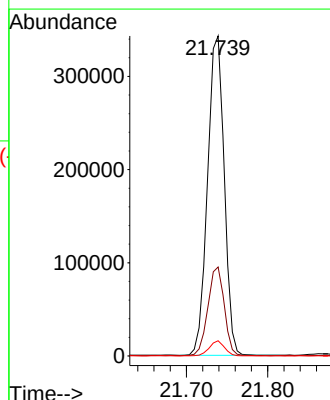
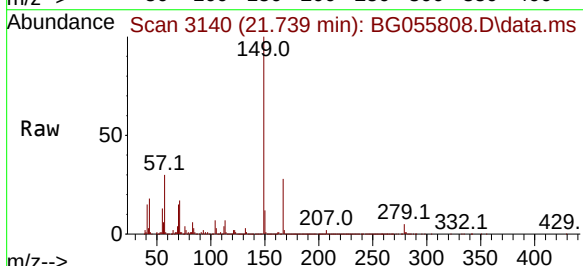
Tgt Ion:149 Resp: 487092

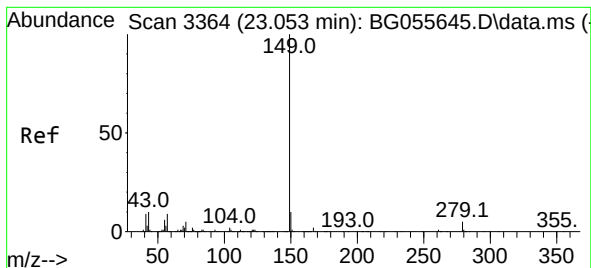
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.704 ng

RT: 23.002 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

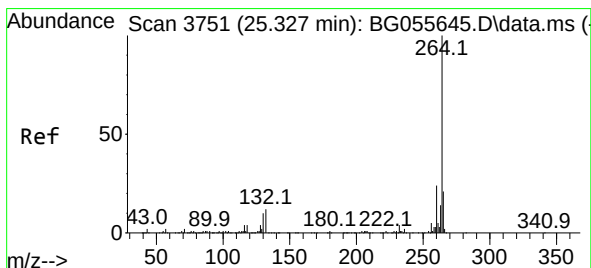
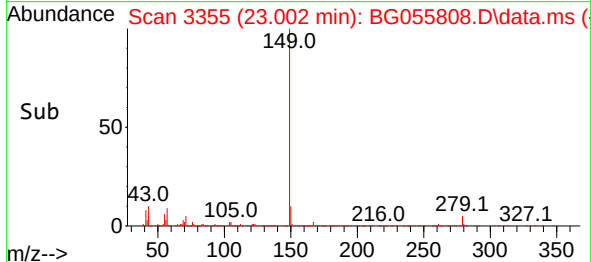
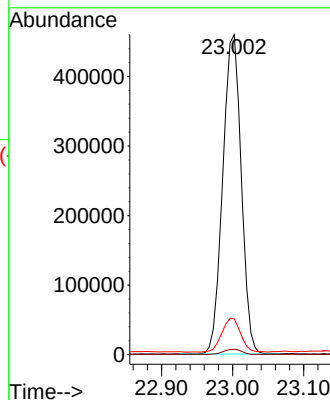
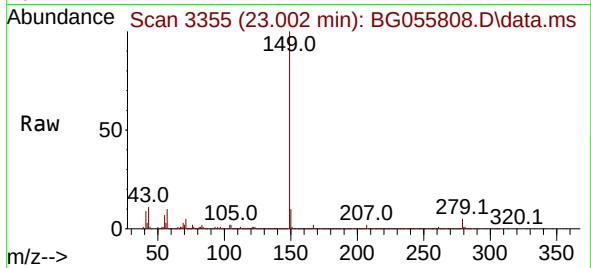
Tgt Ion:149 Resp: 827588

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.282 min Scan# 3743

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

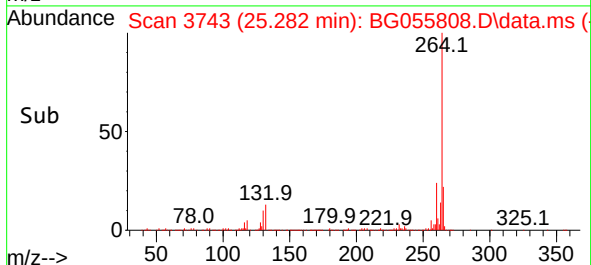
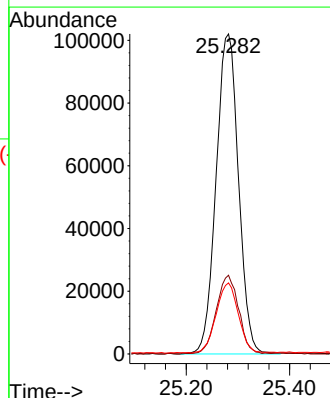
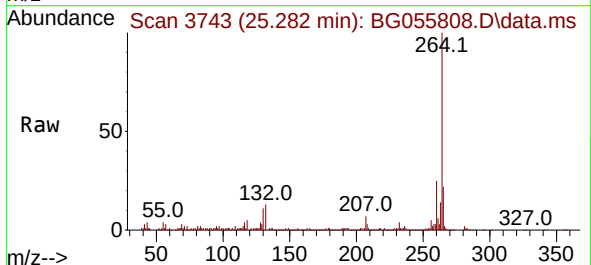
Tgt Ion:264 Resp: 306312

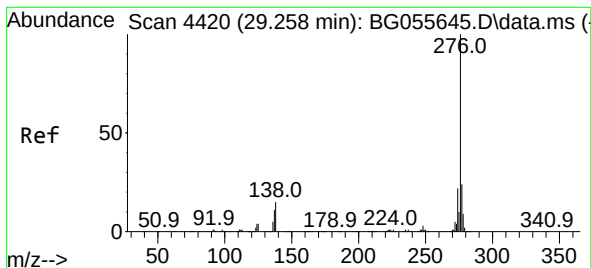
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.269 ng

RT: 29.189 min Scan# 4420

Delta R.T. -0.023 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

Instrument :

BNA_G

ClientSampleId :

B-12SMS

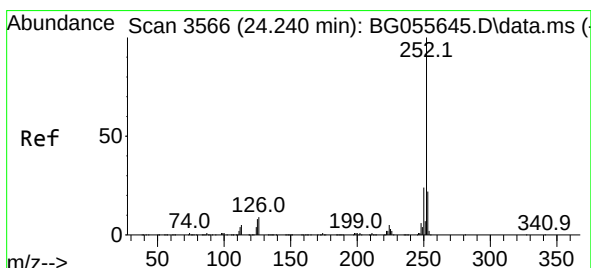
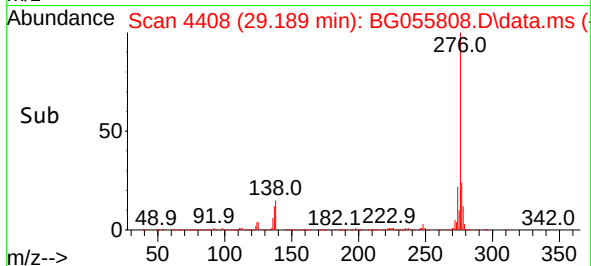
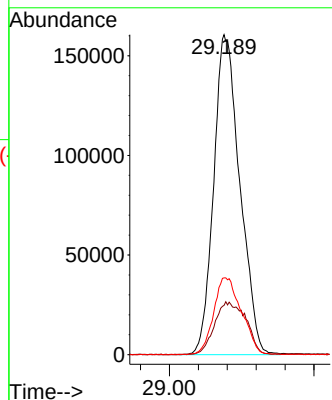
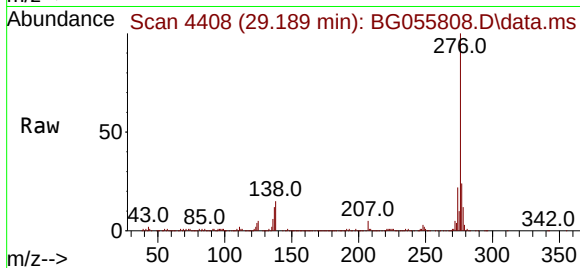
Tgt Ion:276 Resp: 1010509

Ion Ratio Lower Upper

276 100

138 19.5 10.4 15.6#

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.448 ng

RT: 24.201 min Scan# 3559

Delta R.T. -0.006 min

Lab File: BG055808.D

Acq: 28 Nov 2022 17:03

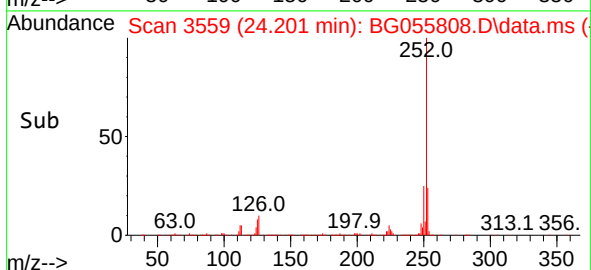
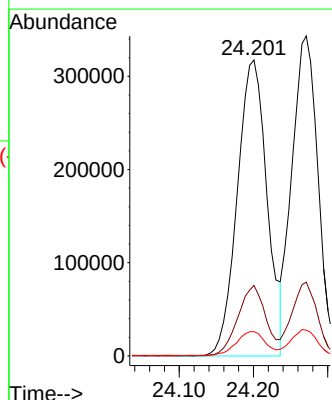
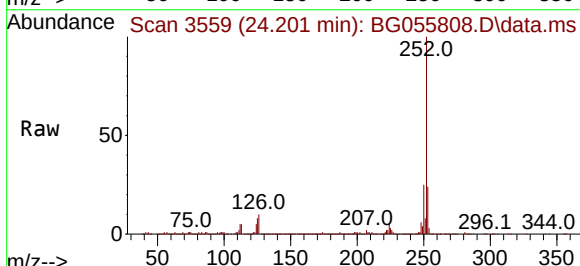
Tgt Ion:252 Resp: 886672

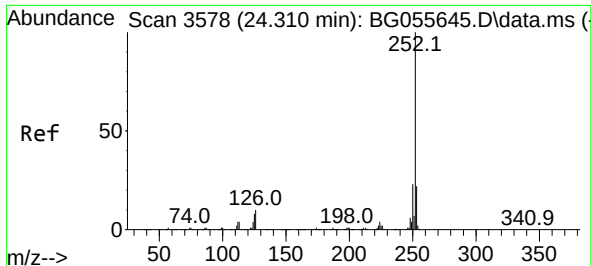
Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

125 8.2 6.2 9.2

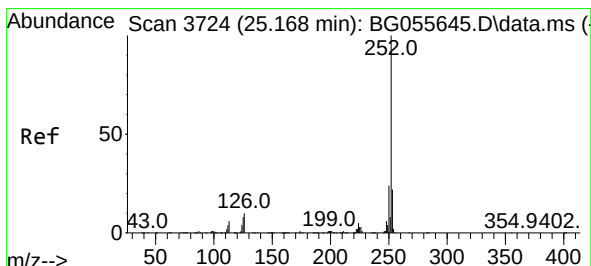
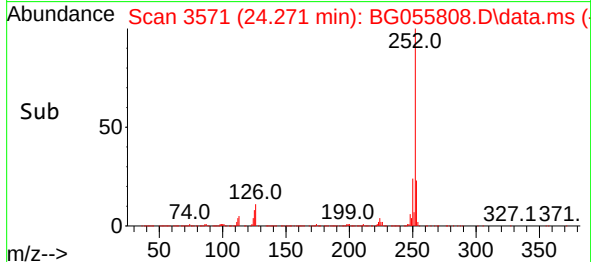
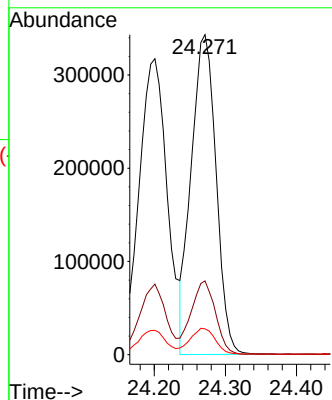
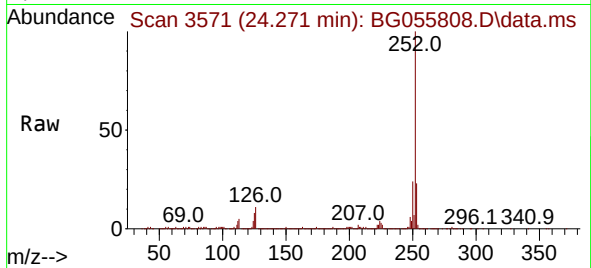




#89
Benzo(k)fluoranthene
Concen: 41.904 ng
RT: 24.271 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

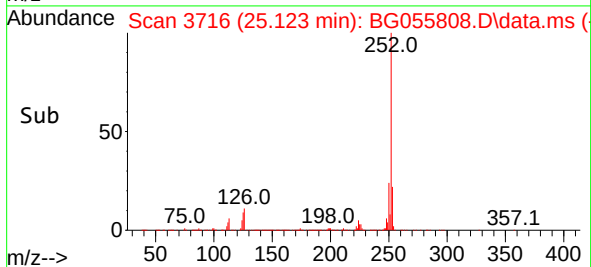
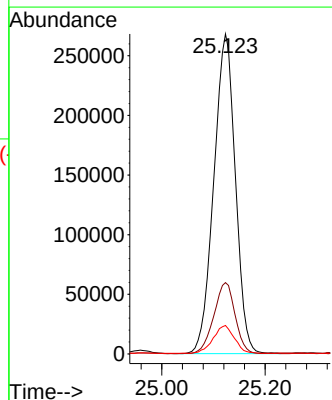
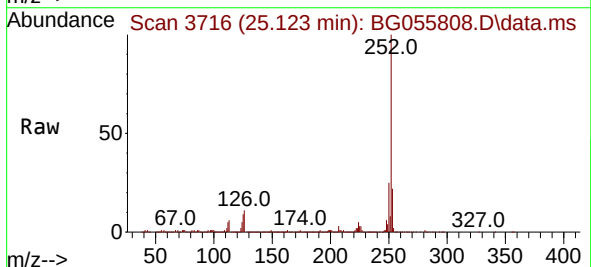
Instrument :
BNA_G
ClientSampleId :
B-12SMS

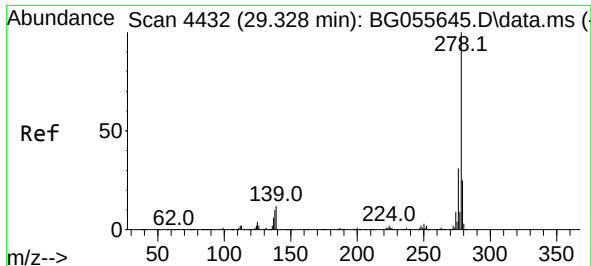
Tgt Ion:252 Resp: 833252
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 8.1 6.1 9.1



#90
Benzo(a)pyrene
Concen: 45.221 ng
RT: 25.123 min Scan# 3716
Delta R.T. -0.006 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:252 Resp: 774118
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.9 6.4 9.6

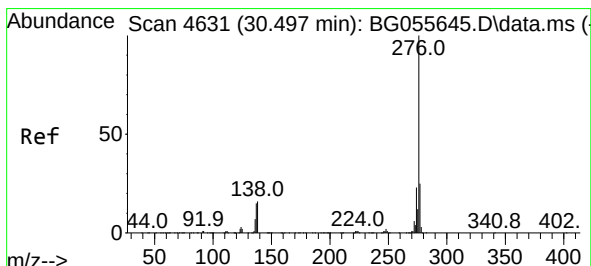
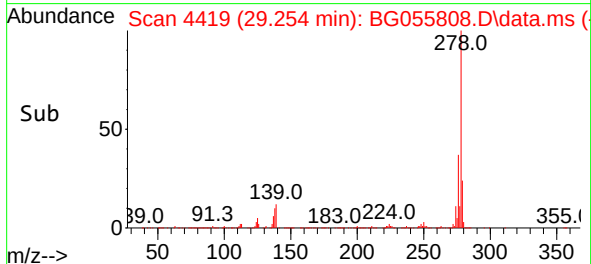
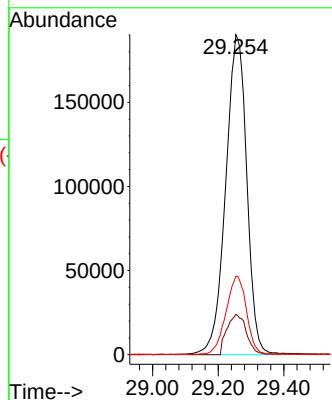
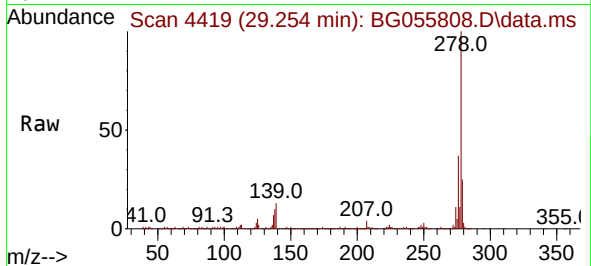




#91
Dibenzo(a,h)anthracene
Concen: 41.335 ng
RT: 29.254 min Scan# 4432
Delta R.T. -0.012 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Instrument :
BNA_G
ClientSampleId :
B-12SMS

Tgt Ion:278 Resp: 847628
Ion Ratio Lower Upper
278 100
139 12.6 9.8 14.8
279 24.5 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 40.797 ng
RT: 30.423 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BG055808.D
Acq: 28 Nov 2022 17:03

Tgt Ion:276 Resp: 843187
Ion Ratio Lower Upper
276 100
277 25.2 19.8 29.6
138 17.2 13.1 19.7

