

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054141.D
 Acq On : 29 Jun 2022 12:12
 Operator : CG/JU
 Sample : PB145861BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145861BS

Quant Time: Jun 29 13:48:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	21859	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	96084	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	75430	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	191473	20.000	ng	0.00
76) Chrysene-d12	21.719	240	192404	20.000	ng	0.00
86) Perylene-d12	24.980	264	198494	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	154405	135.051	ng	0.00
7) Phenol-d6	7.236	99	214840	138.519	ng	0.00
23) Nitrobenzene-d5	9.228	82	132854	77.702	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	144847	119.519	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	395362	76.218	ng	0.00
79) Terphenyl-d14	20.051	244	807737	84.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	14512	29.036	ng	97
3) Pyridine	3.917	79	40431	30.315	ng	92
4) n-Nitrosodimethylamine	3.828	42	24664	42.042	ng	# 88
6) Aniline	7.389	93	74200	40.351	ng	99
8) 2-Chlorophenol	7.636	128	60378	49.459	ng	93
9) Benzaldehyde	7.201	77	37048	40.473	ng	# 73
10) Phenol	7.260	94	76257	48.515	ng	98
11) bis(2-Chloroethyl)ether	7.483	93	51238	42.470	ng	95
12) 1,3-Dichlorobenzene	7.959	146	61753	40.370	ng	92
13) 1,4-Dichlorobenzene	8.106	146	62680	40.792	ng	99
14) 1,2-Dichlorobenzene	8.429	146	61991	42.026	ng	97
15) Benzyl Alcohol	8.306	79	57077	49.238	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.593	45	80656	44.721	ng	98
17) 2-Methylphenol	8.511	107	54294	49.724	ng	92
18) Hexachloroethane	9.158	117	21613	42.400	ng	# 80
19) n-Nitroso-di-n-propyla...	8.870	70	47116	45.217	ng	96
20) 3+4-Methylphenols	8.840	107	73817	48.205	ng	95
22) Acetophenone	8.893	105	91086	39.000	ng	96
24) Nitrobenzene	9.275	77	67532	40.109	ng	# 89
25) Isophorone	9.798	82	130176	40.766	ng	# 94
26) 2-Nitrophenol	9.986	139	34397	46.253	ng	# 79
27) 2,4-Dimethylphenol	10.045	122	60585	50.333	ng	93
28) bis(2-Chloroethoxy)met...	10.274	93	77090	44.813	ng	99
29) 2,4-Dichlorophenol	10.527	162	73306	45.423	ng	87
30) 1,2,4-Trichlorobenzene	10.744	180	74221	37.142	ng	97
31) Naphthalene	10.932	128	184544	38.046	ng	99
32) Benzoic acid	10.192	122	26845	50.441	ng	# 84
33) 4-Chloroaniline	11.038	127	68934	34.256	ng	93
34) Hexachlorobutadiene	11.214	225	55424	36.075	ng	98
35) Caprolactam	11.801	113	14648	32.970	ng	# 82
36) 4-Chloro-3-methylphenol	12.154	107	71852	45.800	ng	# 83
37) 2-Methylnaphthalene	12.530	142	144679	40.314	ng	97
38) 1-Methylnaphthalene	12.747	142	136760	39.137	ng	99
40) 1,2,4,5-Tetrachloroben...	12.900	216	108859	37.454	ng	96
41) Hexachlorocyclopentadiene	12.883	237	104654	77.327	ng	96
43) 2,4,6-Trichlorophenol	13.135	196	68192	41.768	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054141.D
 Acq On : 29 Jun 2022 12:12
 Operator : CG/JU
 Sample : PB145861BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

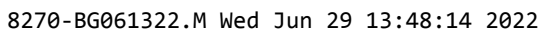
Instrument :
 BNA_G
 ClientSampleId :
 PB145861BS

Quant Time: Jun 29 13:48:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	74778	41.020	ng	# 93
46) 1,1'-Biphenyl	13.529	154	208534	39.689	ng	99
47) 2-Chloronaphthalene	13.576	162	167337	39.354	ng	96
48) 2-Nitroaniline	13.770	65	50517	44.661	ng	91
49) Acenaphthylene	14.422	152	262547	39.708	ng	99
50) Dimethylphthalate	14.146	163	224954	39.159	ng	99
51) 2,6-Dinitrotoluene	14.263	165	50590	43.588	ng	# 76
52) Acenaphthene	14.763	154	159039	37.734	ng	98
53) 3-Nitroaniline	14.592	138	39209	34.869	ng	# 86
54) 2,4-Dinitrophenol	14.804	184	54511	84.665	ng	# 78
55) Dibenzofuran	15.098	168	270451	39.827	ng	95
56) 4-Nitrophenol	14.910	139	70003	87.687	ng	86
57) 2,4-Dinitrotoluene	15.057	165	73236	44.678	ng	# 82
58) Fluorene	15.744	166	221665	39.757	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	72970	40.931	ng	# 90
60) Diethylphthalate	15.509	149	224469	40.348	ng	96
61) 4-Chlorophenyl-phenyle...	15.732	204	133710	40.058	ng	# 88
62) 4-Nitroaniline	15.756	138	46608	39.746	ng	# 73
63) Azobenzene	16.026	77	179641	40.115	ng	90
65) 4,6-Dinitro-2-methylph...	15.820	198	42442	44.430	ng	87
66) n-Nitrosodiphenylamine	15.944	169	201990	40.478	ng	96
67) 4-Bromophenyl-phenylether	16.625	248	94702	39.601	ng	92
68) Hexachlorobenzene	16.755	284	105004	38.386	ng	# 93
69) Atrazine	16.890	200	92549	44.770	ng	96
70) Pentachlorophenol	17.095	266	103040	81.090	ng	98
71) Phenanthrene	17.483	178	379279	38.555	ng	98
72) Anthracene	17.577	178	388599	40.452	ng	99
73) Carbazole	17.841	167	336258	40.781	ng	99
74) Di-n-butylphthalate	18.394	149	395203	41.453	ng	# 98
75) Fluoranthene	19.492	202	479026	37.094	ng	98
77) Benzidine	19.663	184	241045	60.496	ng	98
78) Pyrene	19.851	202	479810	41.289	ng	98
80) Butylbenzylphthalate	20.732	149	165671	44.478	ng	91
81) Benzo(a)anthracene	21.702	228	484242	38.871	ng	99
82) 3,3'-Dichlorobenzidine	21.608	252	141408	37.992	ng	97
83) Chrysene	21.766	228	453377	38.180	ng	96
84) Bis(2-ethylhexyl)phtha...	21.602	149	235488	44.205	ng	95
85) Di-n-octyl phthalate	22.824	149	397647	43.429	ng	96
87) Indeno(1,2,3-cd)pyrene	28.723	276	555646	37.094	ng	# 94
88) Benzo(b)fluoranthene	23.946	252	491325	40.710	ng	99
89) Benzo(k)fluoranthene	24.011	252	486806	40.739	ng	99
90) Benzo(a)pyrene	24.827	252	441860	43.392	ng	# 99
91) Dibenzo(a,h)anthracene	28.776	278	490378	39.589	ng	99
92) Benzo(g,h,i)perylene	29.880	276	477417	39.056	ng	95

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

Quant Time: Jun 29 13:48:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

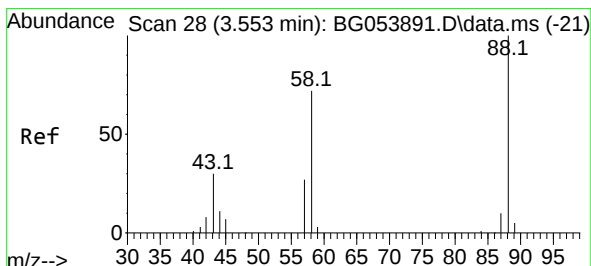
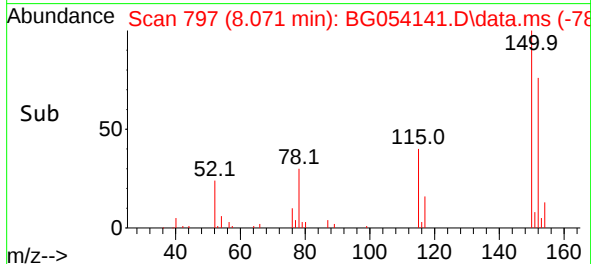
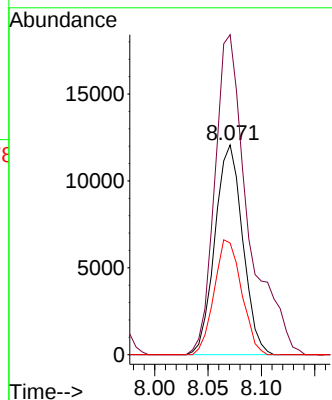
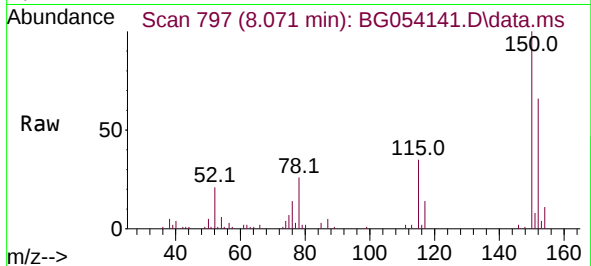




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

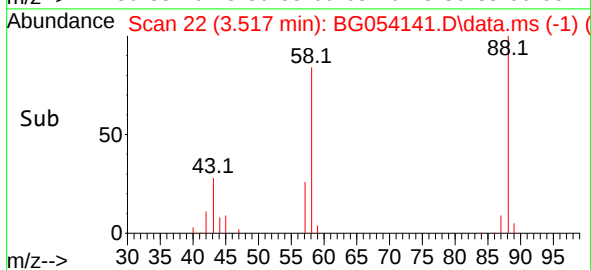
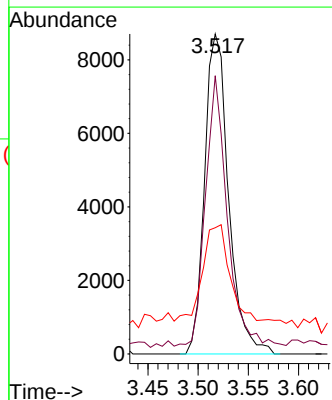
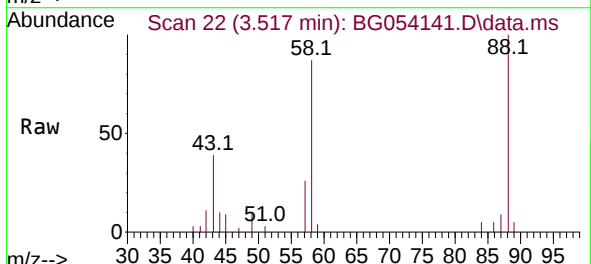
Instrument :
BNA_G
ClientSampleId :
PB145861BS

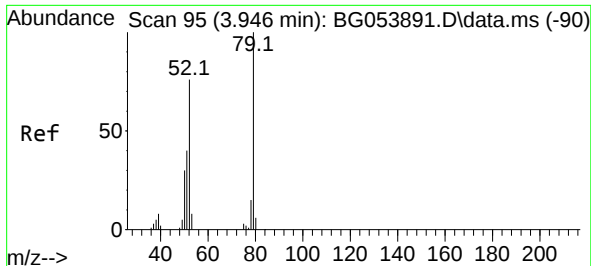
Tgt Ion:152 Resp: 21859
Ion Ratio Lower Upper
152 100
150 152.5 131.6 197.4
115 53.2 50.9 76.3



#2
1,4-Dioxane
Concen: 29.036 ng
RT: 3.517 min Scan# 22
Delta R.T. -0.012 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 88 Resp: 14512
Ion Ratio Lower Upper
88 100
58 75.3 59.2 88.8
43 34.2 24.3 36.5

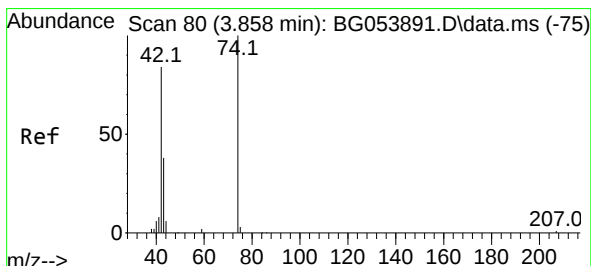
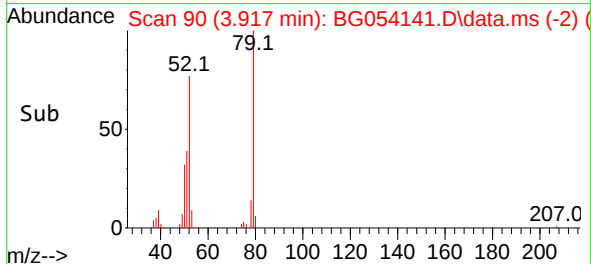
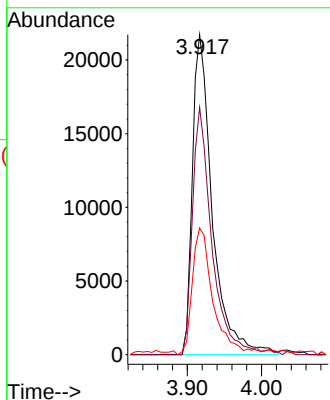
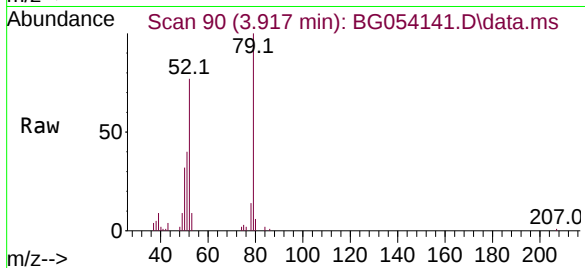




#3
 Pyridine
 Concen: 30.315 ng
 RT: 3.917 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BG054141.D
 Acq: 29 Jun 2022 12:12

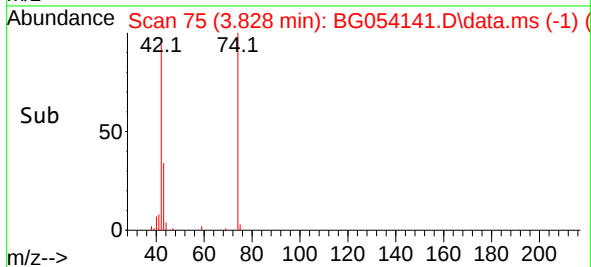
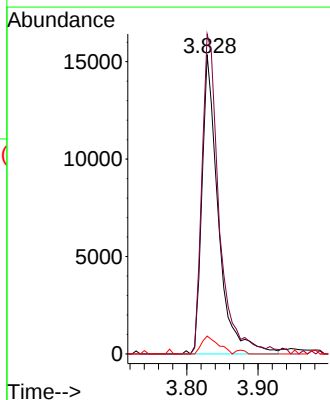
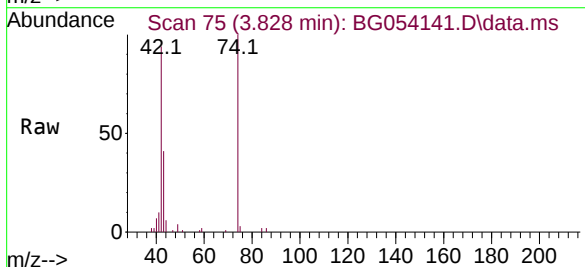
Instrument :
 BNA_G
 ClientSampleId :
 PB145861BS

Tgt Ion: 79 Resp: 40431
 Ion Ratio Lower Upper
 79 100
 52 77.3 54.6 81.8
 51 39.6 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 42.042 ng
 RT: 3.828 min Scan# 75
 Delta R.T. -0.012 min
 Lab File: BG054141.D
 Acq: 29 Jun 2022 12:12

Tgt Ion: 42 Resp: 24664
 Ion Ratio Lower Upper
 42 100
 74 106.9 97.0 145.4
 44 6.0 7.0 10.4

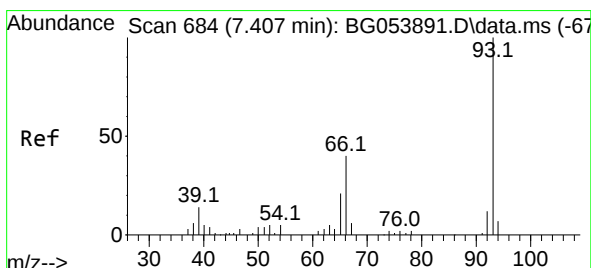
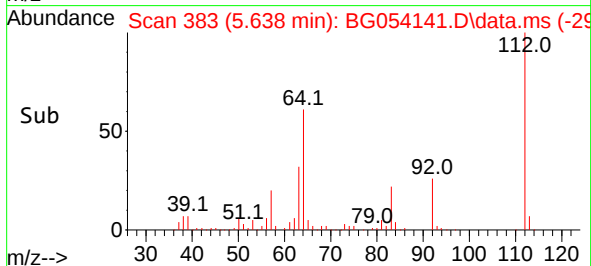
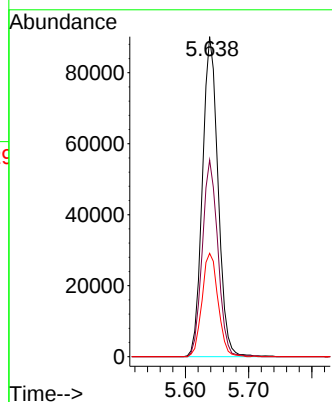
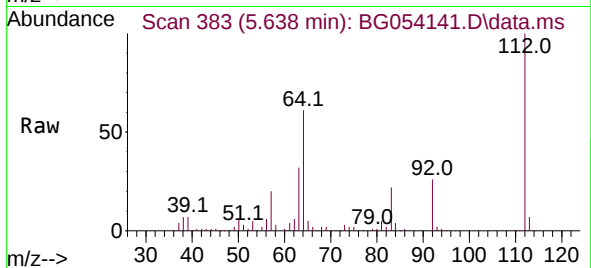




#5
2-Fluorophenol
Concen: 135.051 ng
RT: 5.638 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

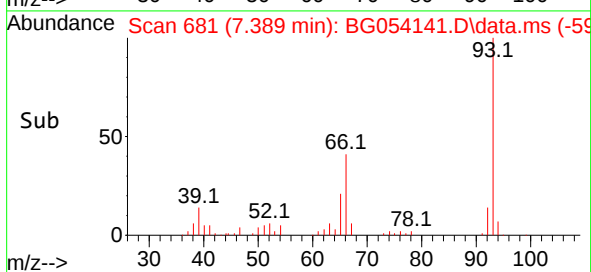
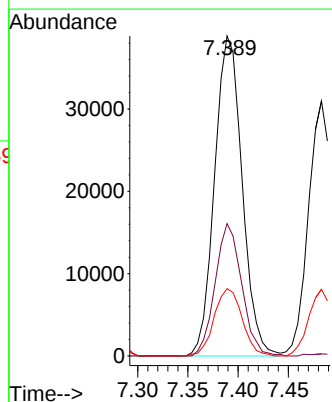
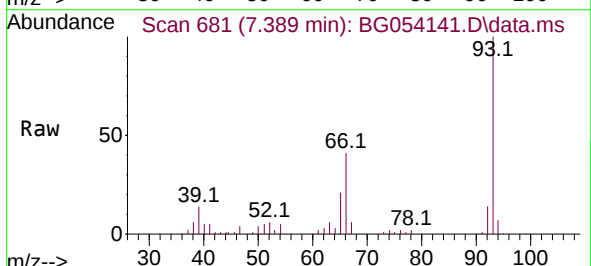
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:112 Resp: 154405
Ion Ratio Lower Upper
112 100
64 61.5 55.1 82.7
63 32.3 30.4 45.6



#6
Aniline
Concen: 40.351 ng
RT: 7.389 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 93 Resp: 74200
Ion Ratio Lower Upper
93 100
66 41.3 32.9 49.3
65 21.1 17.8 26.8

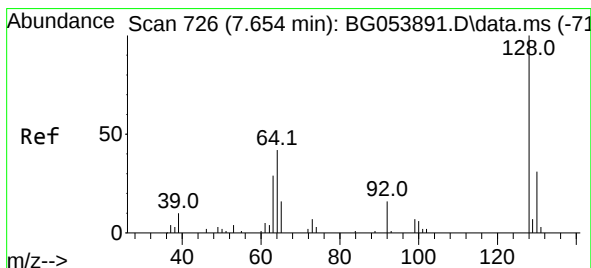
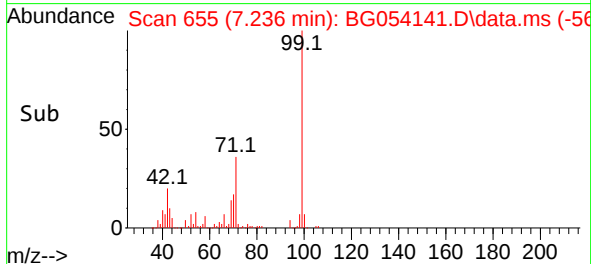
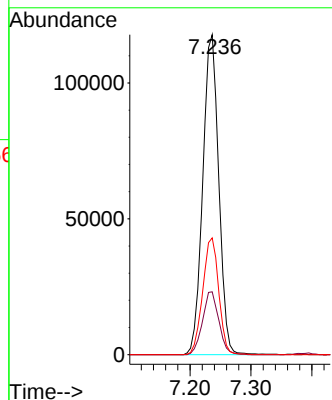
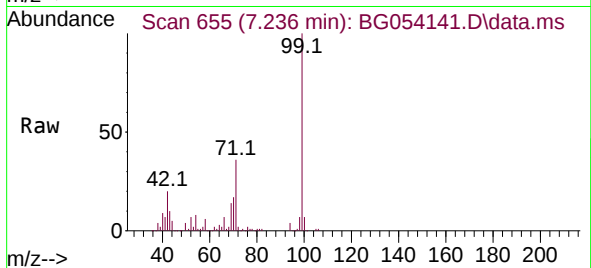




#7
Phenol-d6
Concen: 138.519 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

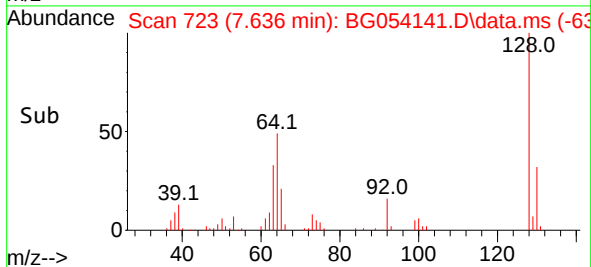
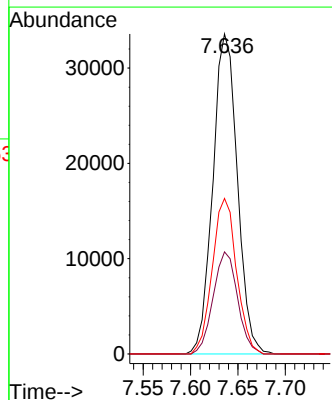
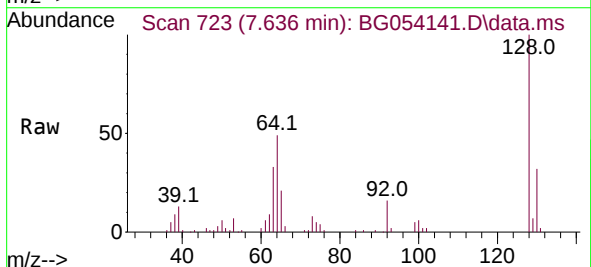
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion: 99 Resp: 214840
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 36.5 33.8 50.8



#8
2-Chlorophenol
Concen: 49.459 ng
RT: 7.636 min Scan# 723
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 128 Resp: 60378
Ion Ratio Lower Upper
128 100
130 31.9 10.5 50.5
64 48.6 35.1 75.1

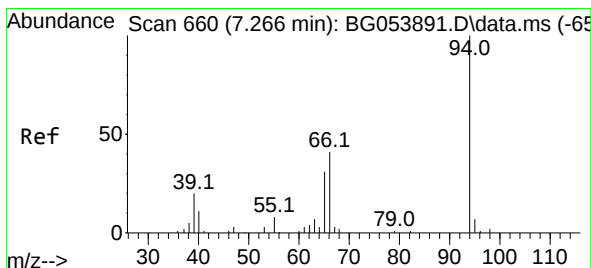
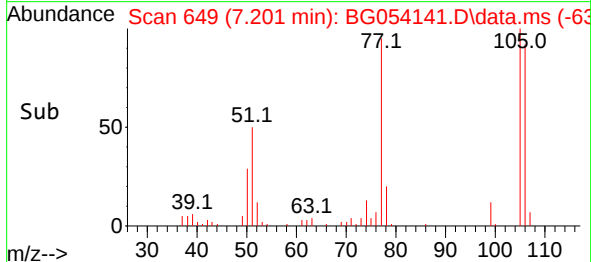
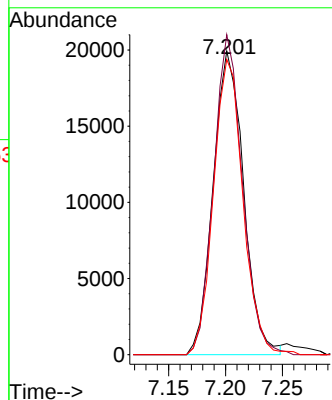
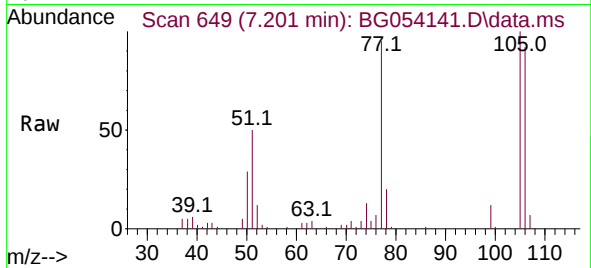




#9
Benzaldehyde
Concen: 40.473 ng
RT: 7.201 min Scan# 649
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

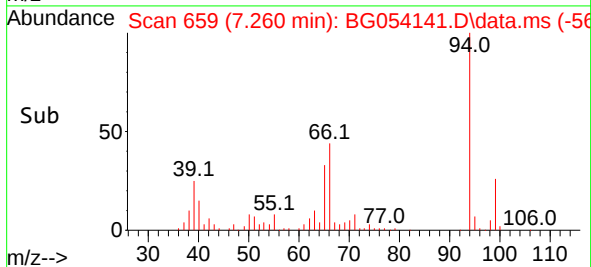
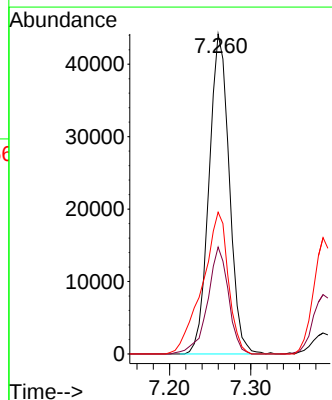
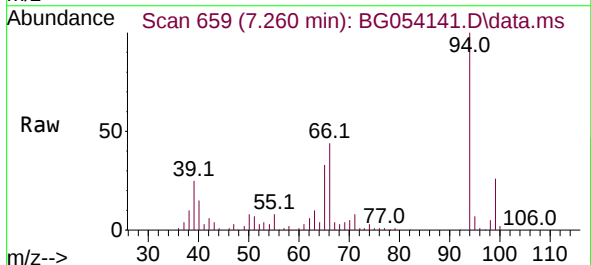
Instrument :
BNA_G
ClientSampleId :
PB145861BS

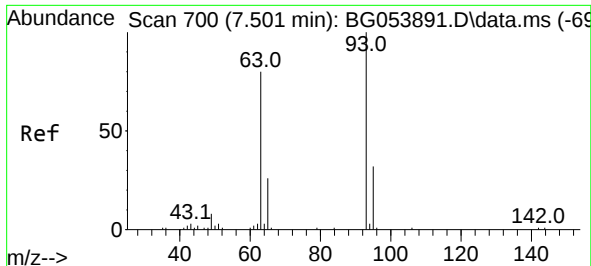
Tgt Ion: 77 Resp: 37048
Ion Ratio Lower Upper
77 100
105 105.4 59.6 99.6#
106 97.2 56.8 96.8#



#10
Phenol
Concen: 48.515 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 94 Resp: 76257
Ion Ratio Lower Upper
94 100
65 33.4 14.8 54.8
66 44.3 25.2 65.2

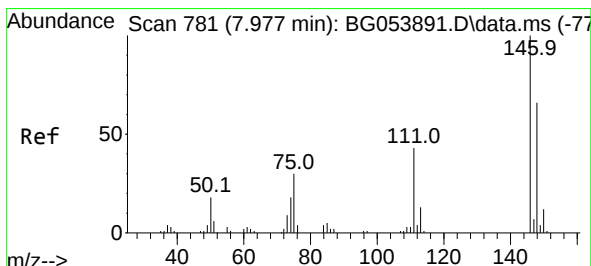
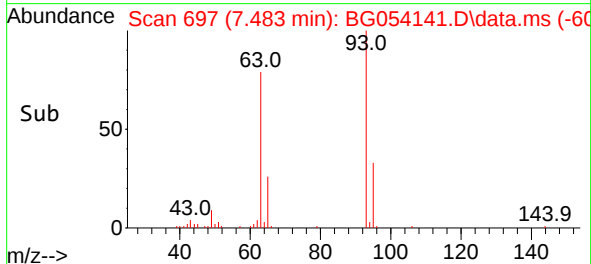
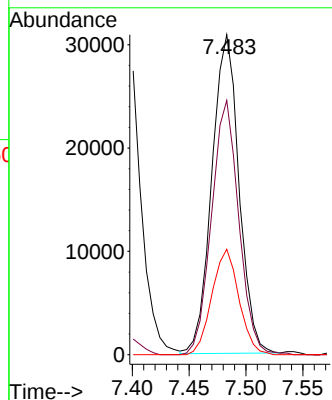
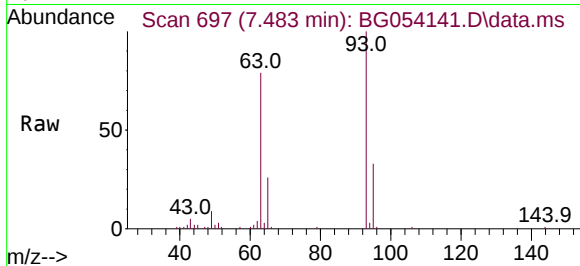




#11
bis(2-Chloroethyl)ether
Concen: 42.470 ng
RT: 7.483 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

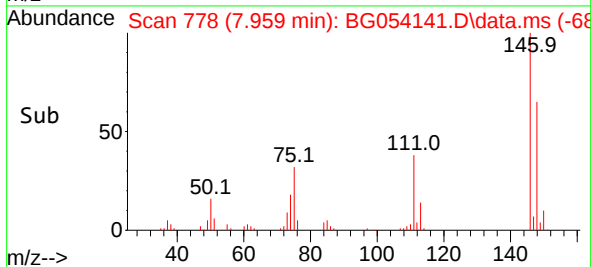
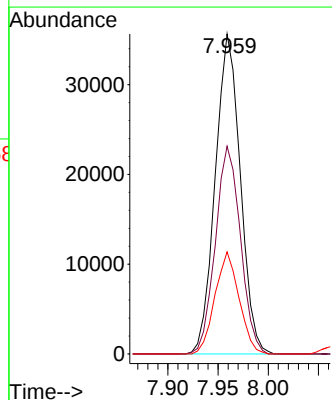
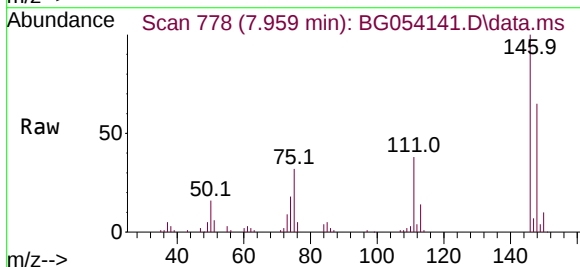
Instrument :
BNA_G
ClientSampleId :
PB145861BS

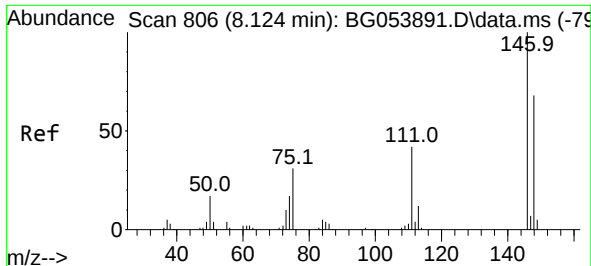
Tgt Ion: 93 Resp: 51238
Ion Ratio Lower Upper
93 100
63 79.5 63.6 103.6
95 32.9 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 40.370 ng
RT: 7.959 min Scan# 778
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 146 Resp: 61753
Ion Ratio Lower Upper
146 100
148 64.9 46.1 69.1
75 31.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.792 ng

RT: 8.106 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

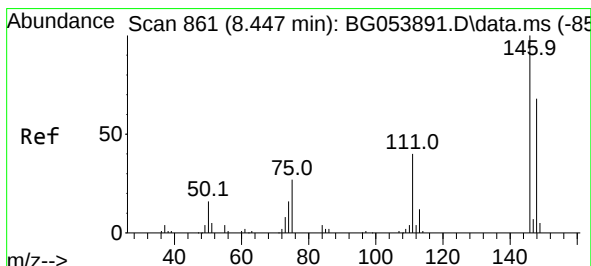
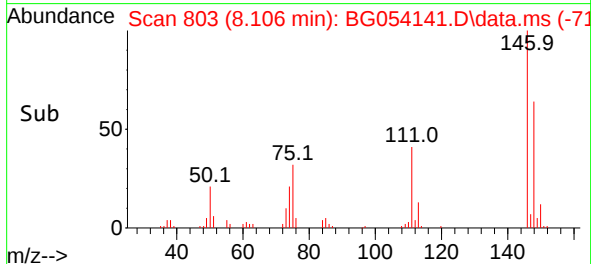
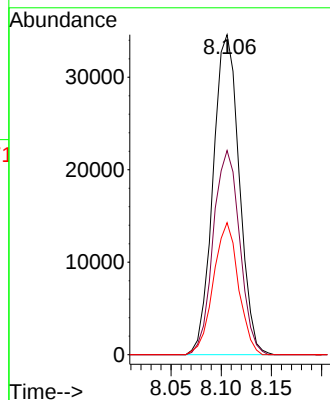
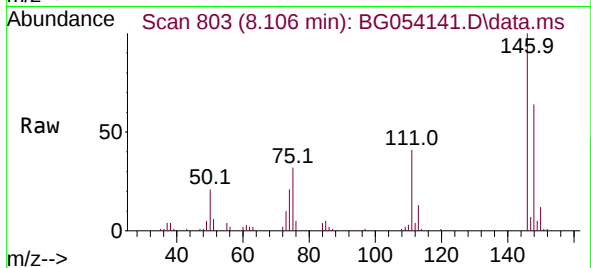
Tgt Ion:146 Resp: 62680

Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

111 41.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 42.026 ng

RT: 8.429 min Scan# 858

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

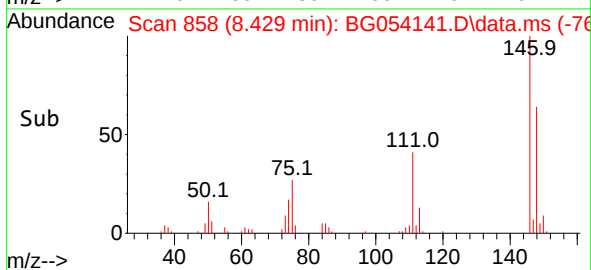
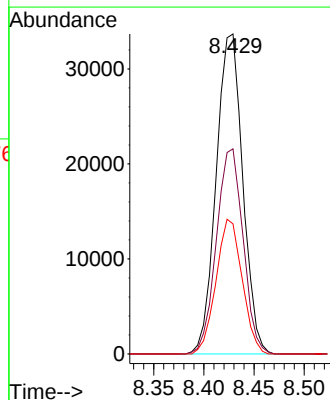
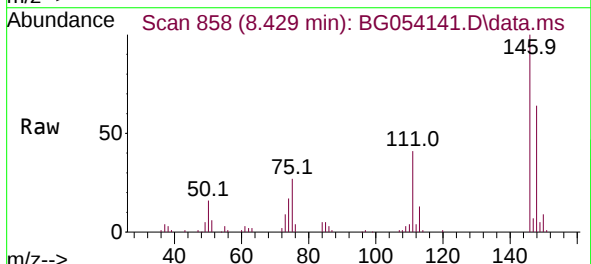
Tgt Ion:146 Resp: 61991

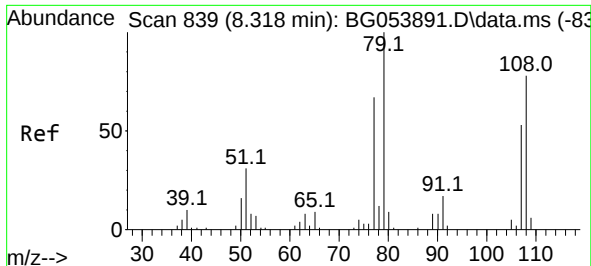
Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

111 40.7 34.5 51.7

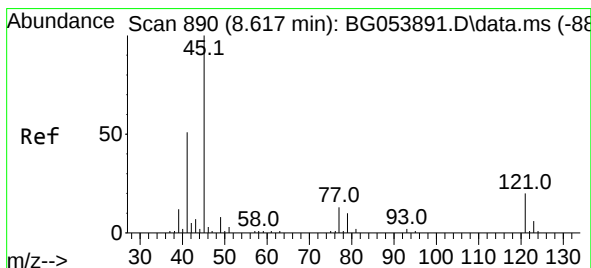
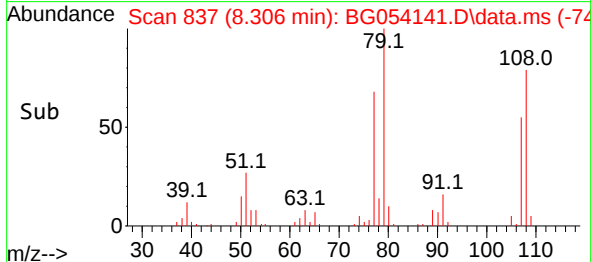
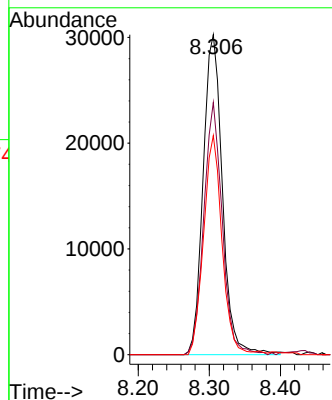
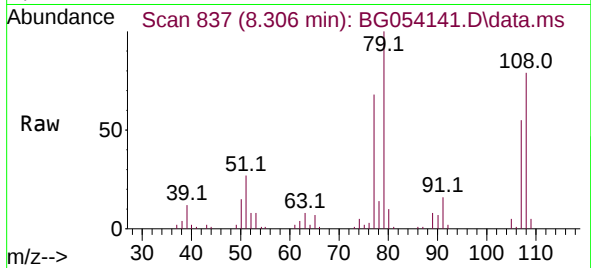




#15
Benzyl Alcohol
Concen: 49.238 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

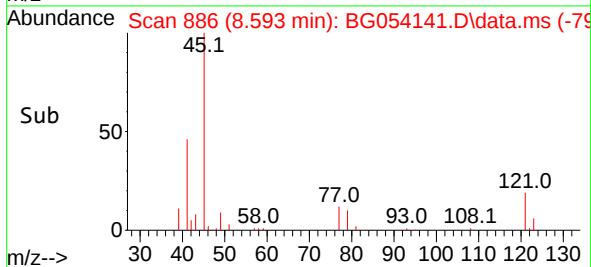
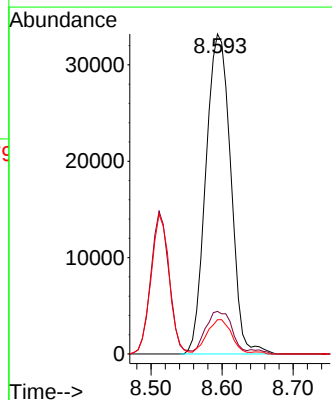
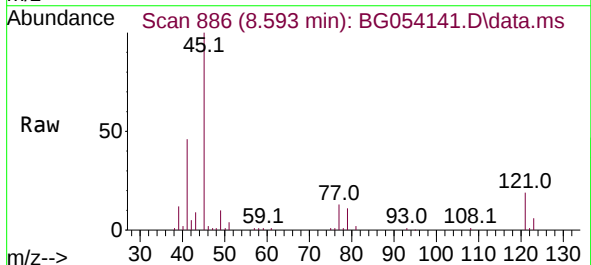
Instrument :
BNA_G
ClientSampleId :
PB145861BS

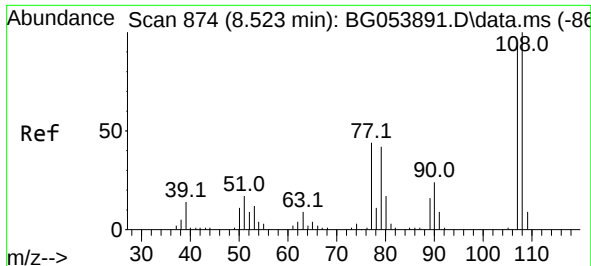
Tgt Ion: 79 Resp: 57077
Ion Ratio Lower Upper
79 100
108 78.8 53.7 80.5
77 68.4 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.721 ng
RT: 8.593 min Scan# 886
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 45 Resp: 80656
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.7
79 10.7 0.0 29.7

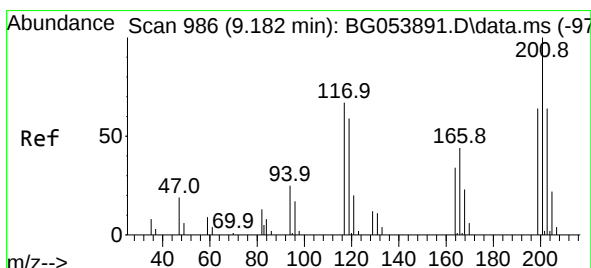
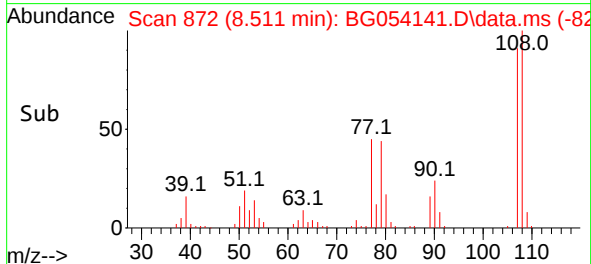
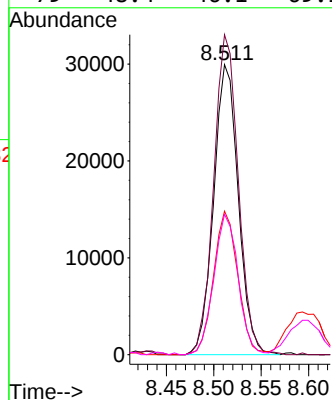
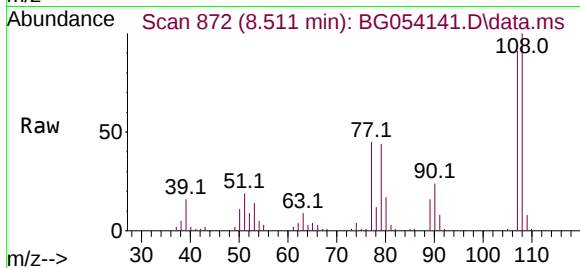




#17
2-Methylphenol
Concen: 49.724 ng
RT: 8.511 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

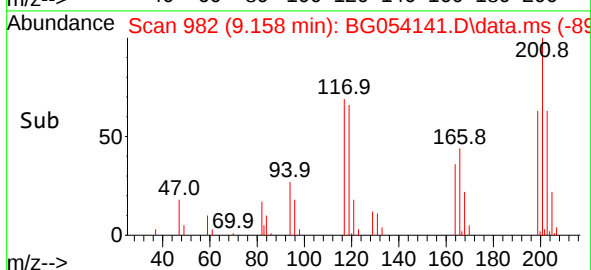
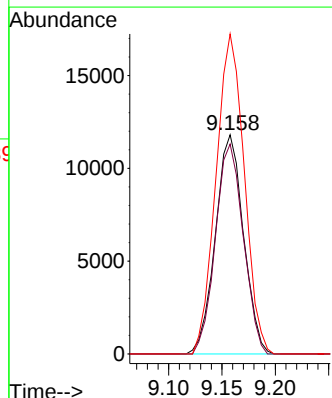
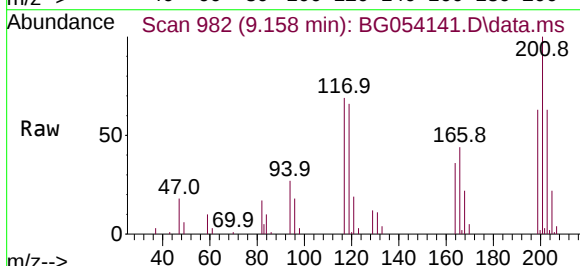
Instrument :
BNA_G
ClientSampleId :
PB145861BS

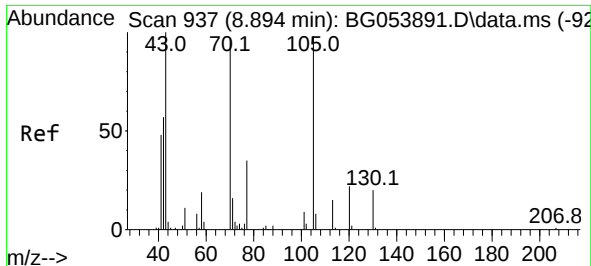
Tgt Ion:	107	Resp:	54294
Ion	Ratio	Lower	Upper
107	100		
108	110.3	85.4	128.0
77	49.5	46.2	69.2
79	48.4	46.1	69.1



#18
Hexachloroethane
Concen: 42.400 ng
RT: 9.158 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:	117	Resp:	21613
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
201	149.7	89.0	133.6#

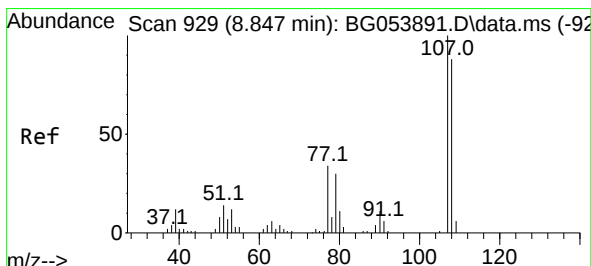
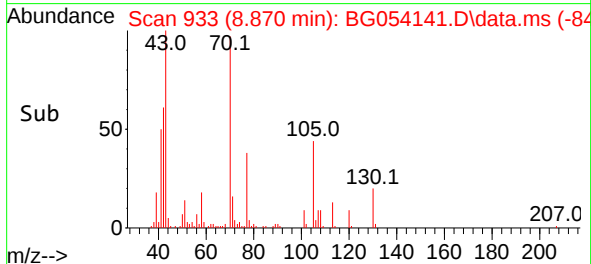
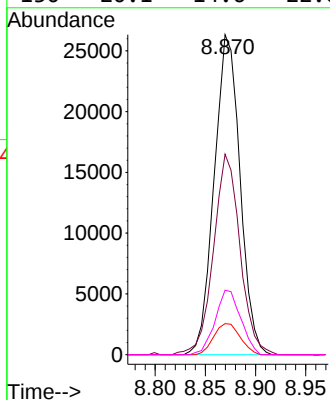
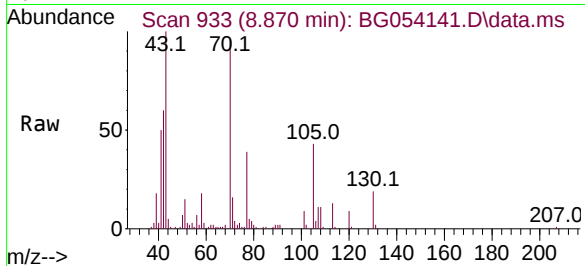




#19
n-Nitroso-di-n-propylamine
Concen: 45.217 ng
RT: 8.870 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

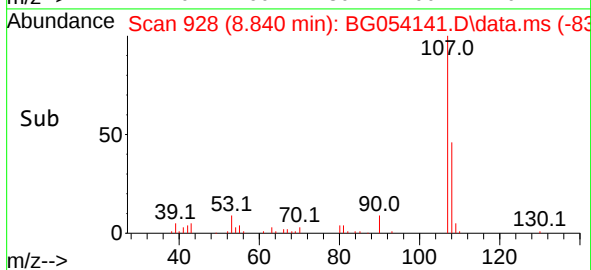
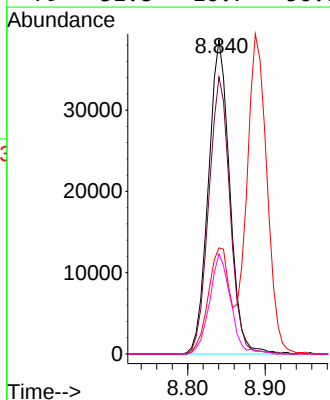
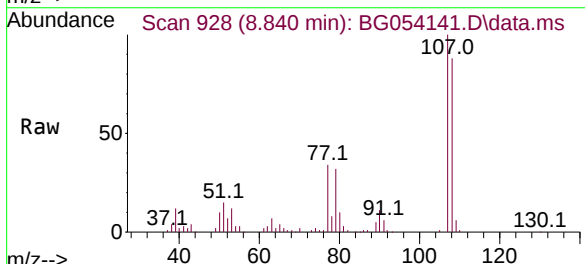
Instrument :
BNA_G
ClientSampleId :
PB145861BS

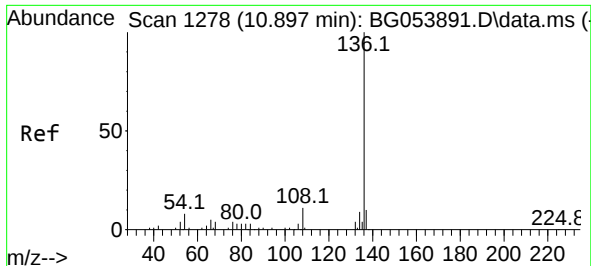
Tgt Ion:	70	Resp:	47116
Ion	Ratio	Lower	Upper
70	100		
42	62.7	47.3	70.9
101	9.7	7.0	10.4
130	20.1	14.6	22.0



#20
3+4-Methylphenols
Concen: 48.205 ng
RT: 8.840 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:	107	Resp:	73817
Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.5	107.5
77	33.8	20.3	60.3
79	31.8	16.7	56.7

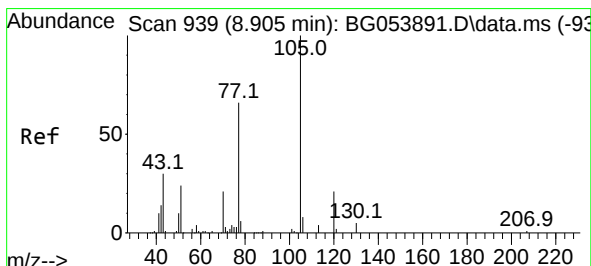
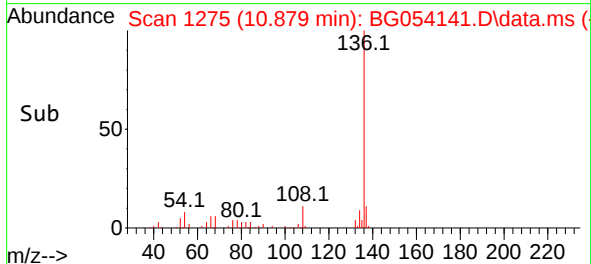
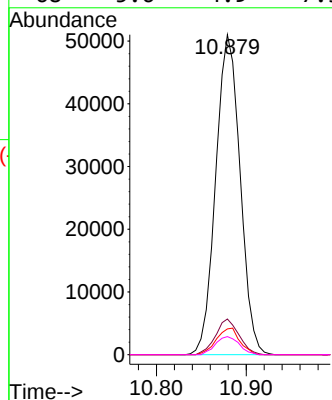
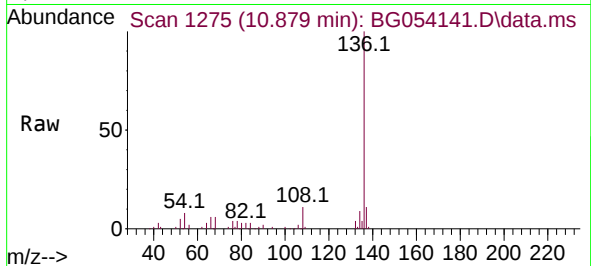




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

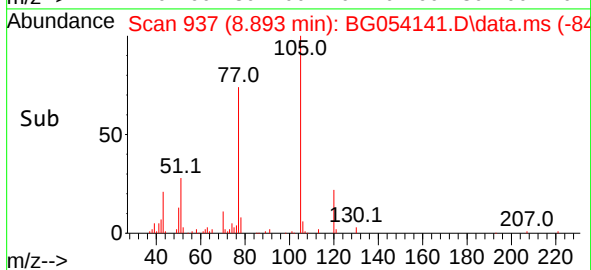
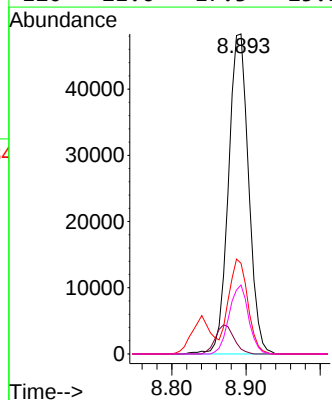
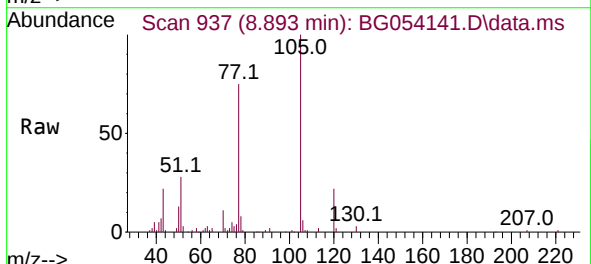
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:	136	Resp:	96084
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.1	7.4	11.2
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 39.000 ng
RT: 8.893 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:	105	Resp:	91086
Ion Ratio	Lower	Upper	
105	100		
71	1.5	1.1	1.7
51	28.4	25.4	38.0
120	21.6	17.3	25.9

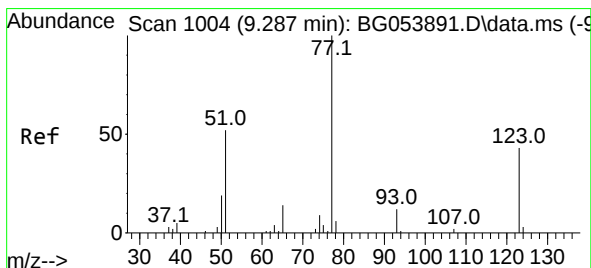
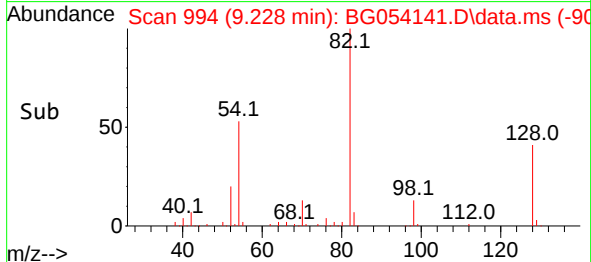
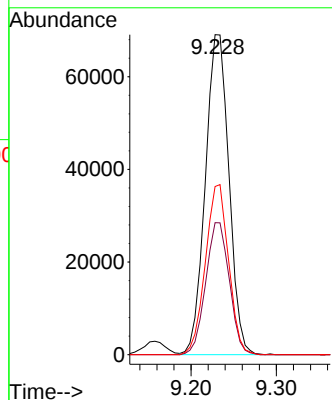
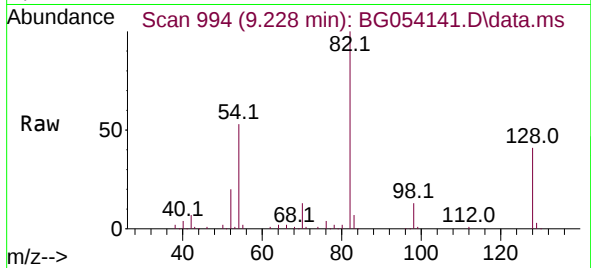




#23
Nitrobenzene-d5
Concen: 77.702 ng
RT: 9.228 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

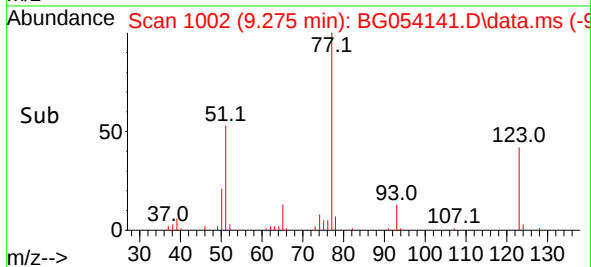
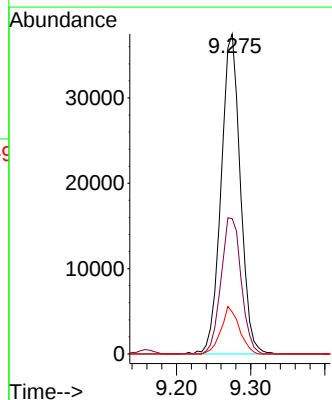
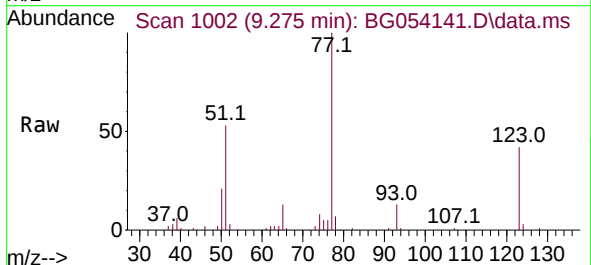
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion: 82 Resp: 132854
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 52.5 41.2 61.8



#24
Nitrobenzene
Concen: 40.109 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 77 Resp: 67532
Ion Ratio Lower Upper
77 100
123 42.3 27.4 41.0#
65 13.1 11.4 17.0

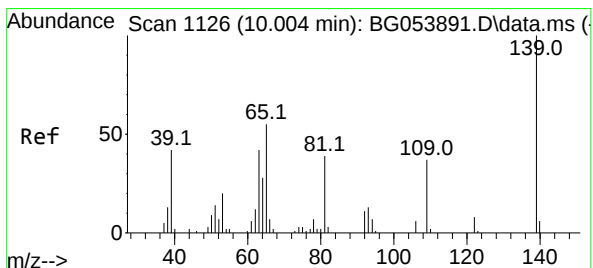
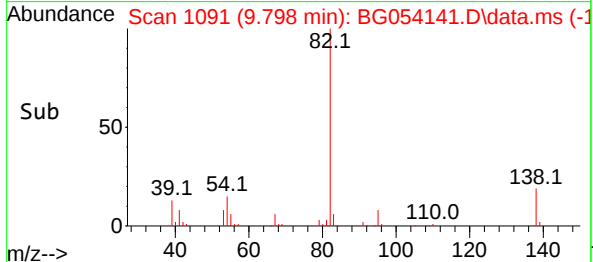
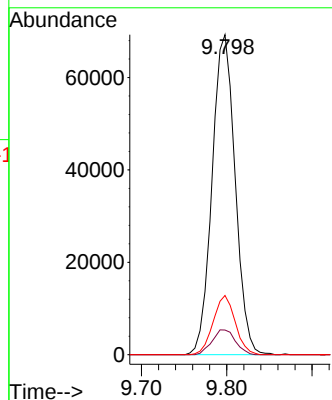
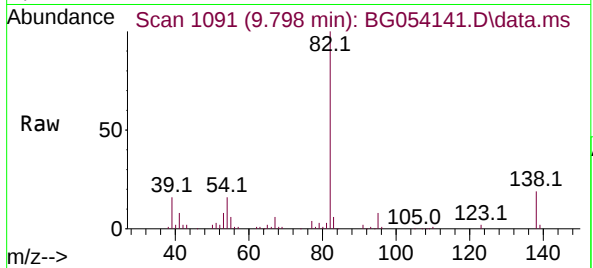




#25
Isophorone
Concen: 40.766 ng
RT: 9.798 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

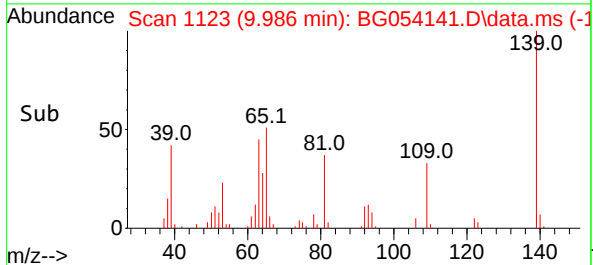
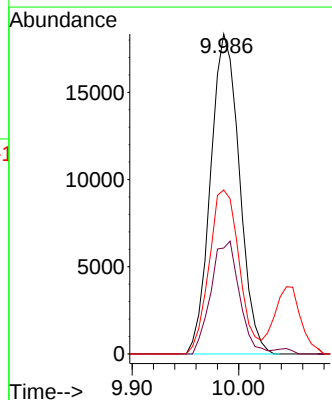
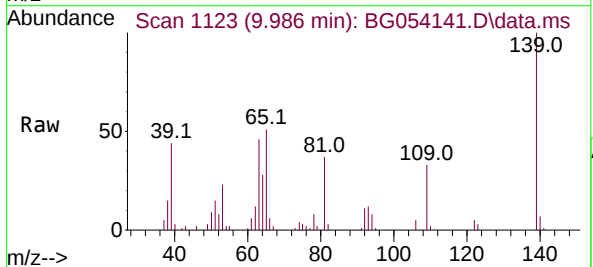
Instrument :
BNA_G
ClientSampleId :
PB145861BS

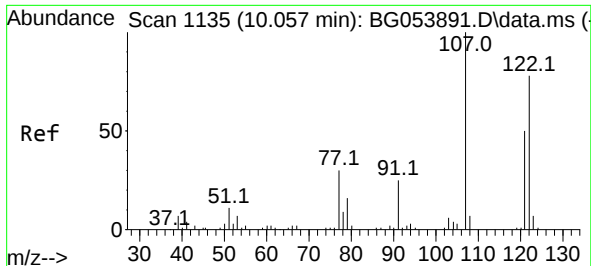
Tgt Ion: 82 Resp: 130176
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 18.5 11.6 17.4#



#26
2-Nitrophenol
Concen: 46.253 ng
RT: 9.986 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:139 Resp: 34397
Ion Ratio Lower Upper
139 100
109 33.1 36.1 54.1#
65 51.3 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 50.333 ng

RT: 10.045 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

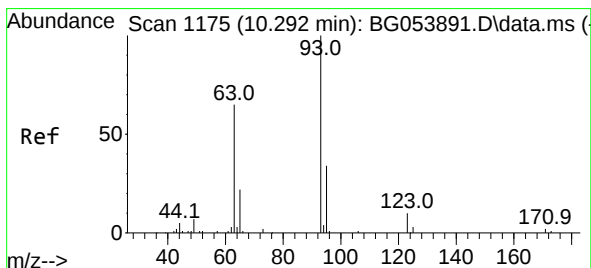
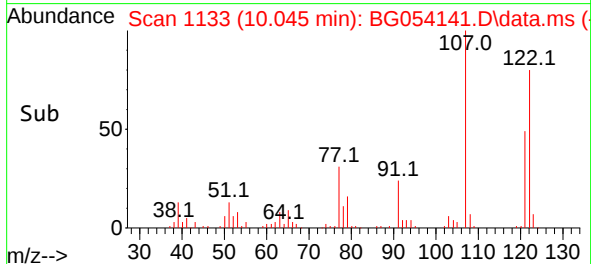
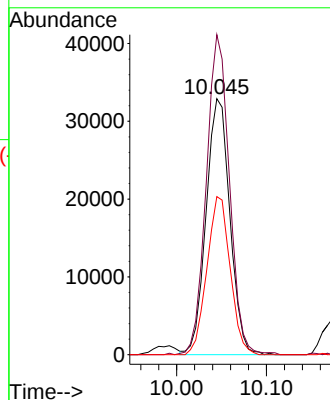
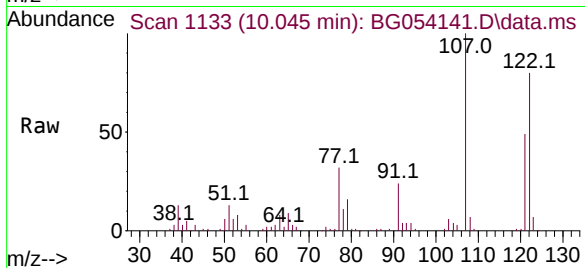
Tgt Ion:122 Resp: 60585

Ion Ratio Lower Upper

122 100

107 125.0 109.4 164.0

121 61.7 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.813 ng

RT: 10.274 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

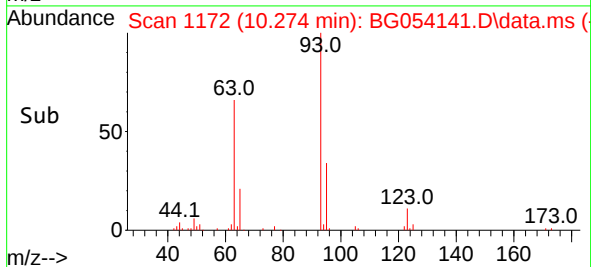
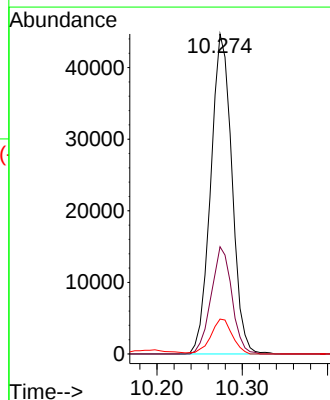
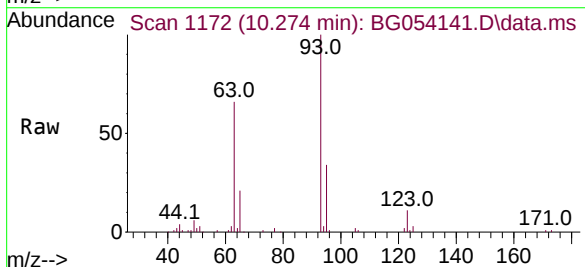
Tgt Ion: 93 Resp: 77090

Ion Ratio Lower Upper

93 100

95 33.5 26.9 40.3

123 10.9 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 45.423 ng

RT: 10.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

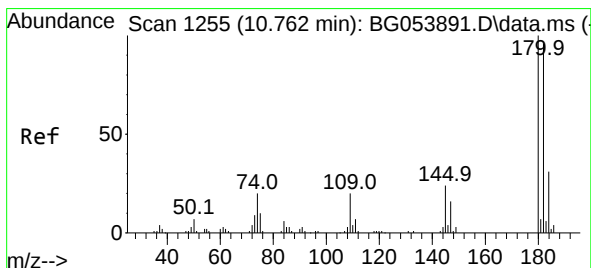
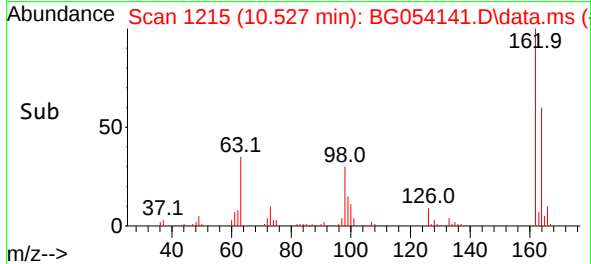
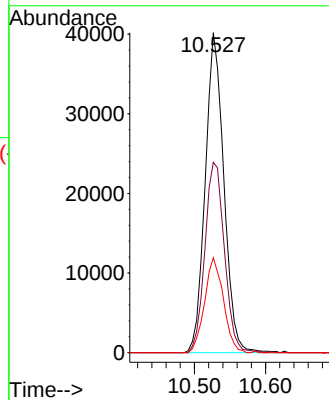
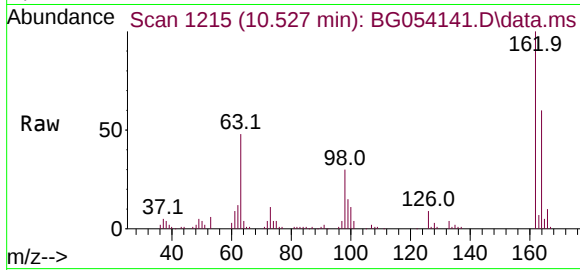
Tgt Ion:162 Resp: 73306

Ion Ratio Lower Upper

162 100

164 59.5 46.6 86.6

98 29.6 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 37.142 ng

RT: 10.744 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

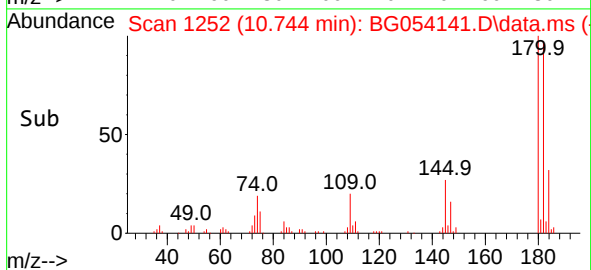
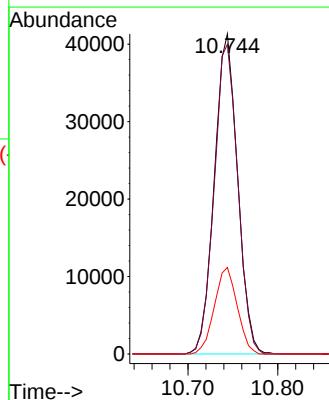
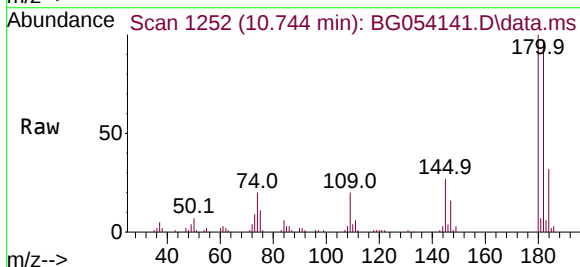
Tgt Ion:180 Resp: 74221

Ion Ratio Lower Upper

180 100

182 96.7 76.6 115.0

145 27.0 25.0 37.4

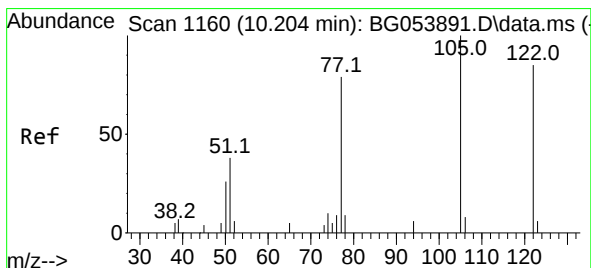
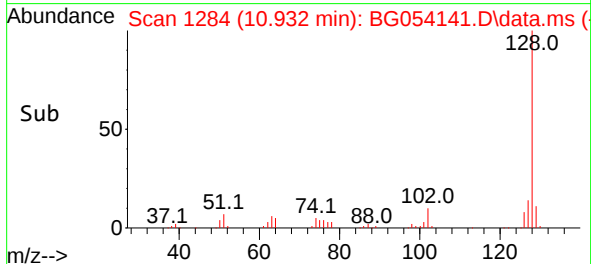
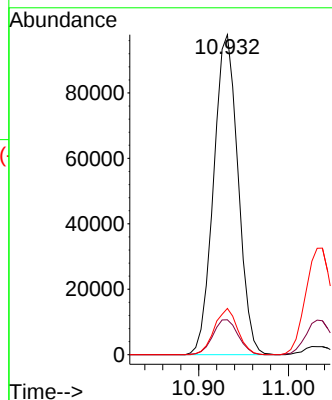
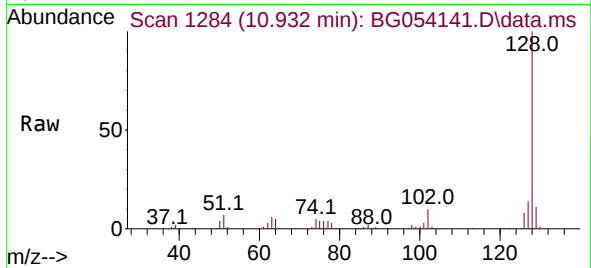




#31
Naphthalene
Concen: 38.046 ng
RT: 10.932 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

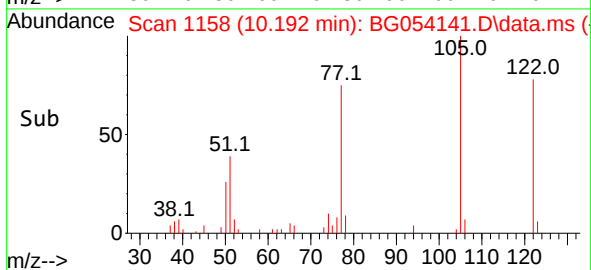
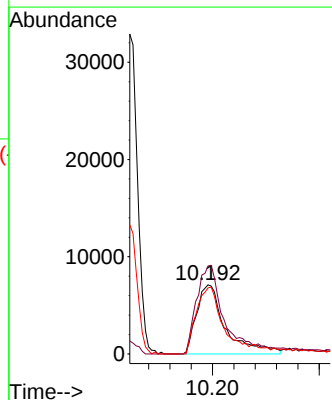
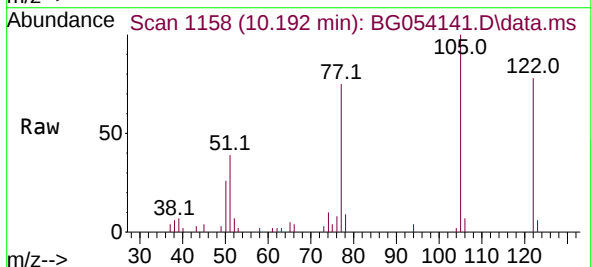
Instrument :
BNA_G
ClientSampleId :
PB145861BS

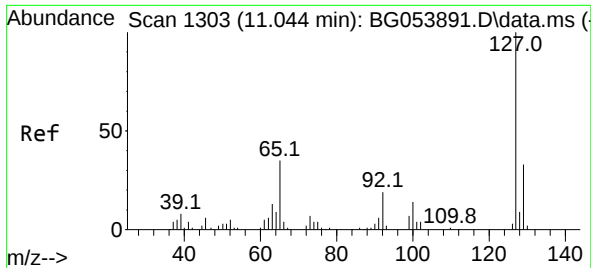
Tgt Ion:128 Resp: 184544
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 14.5 11.1 16.7



#32
Benzoic acid
Concen: 50.441 ng
RT: 10.192 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:122 Resp: 26845
Ion Ratio Lower Upper
122 100
105 127.4 111.8 151.8
77 95.7 109.4 149.4#

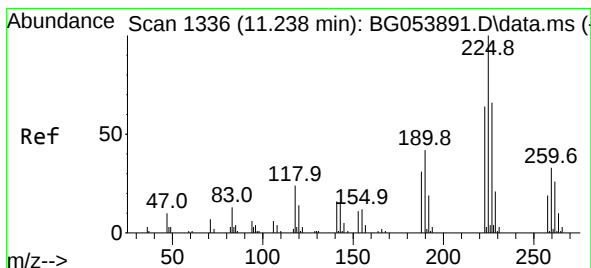
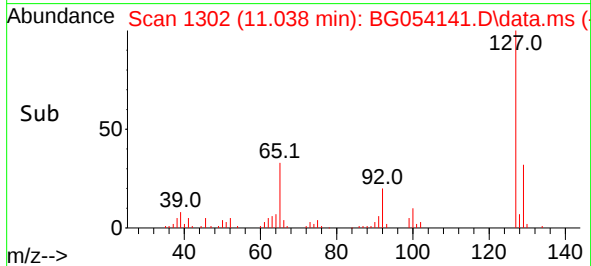
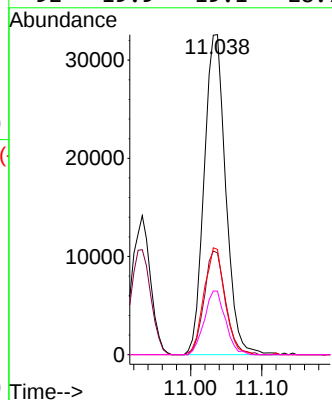
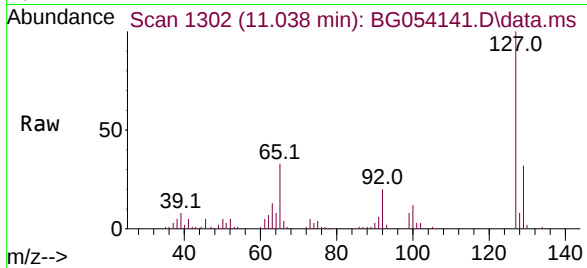




#33
4-Chloroaniline
Concen: 34.256 ng
RT: 11.038 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

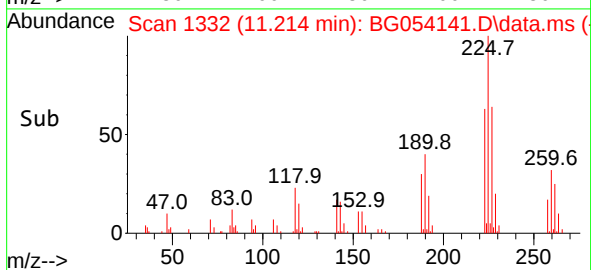
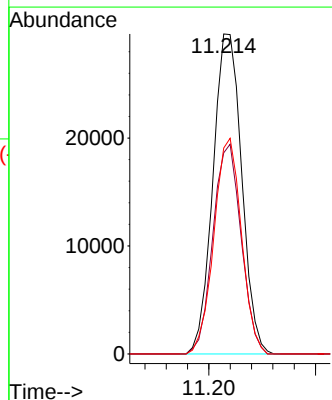
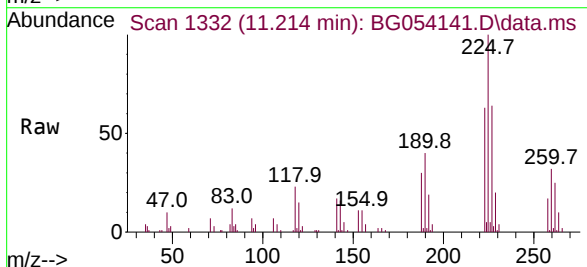
Instrument :
BNA_G
ClientSampleId :
PB145861BS

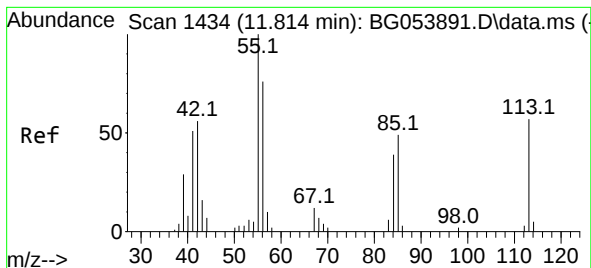
Tgt Ion:127	Resp:	68934
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.3 39.5
65	32.9	31.1 46.7
92	19.9	19.1 28.7



#34
Hexachlorobutadiene
Concen: 36.075 ng
RT: 11.214 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:225	Resp:	55424
Ion Ratio	Lower	Upper
225	100	
223	62.9	48.9 73.3
227	67.6	52.8 79.2





#35

Caprolactam

Concen: 32.970 ng

RT: 11.801 min Scan# 1432

Delta R.T. 0.012 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

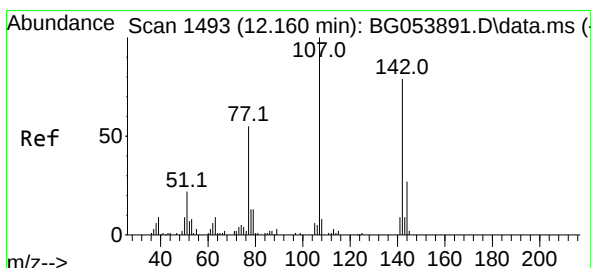
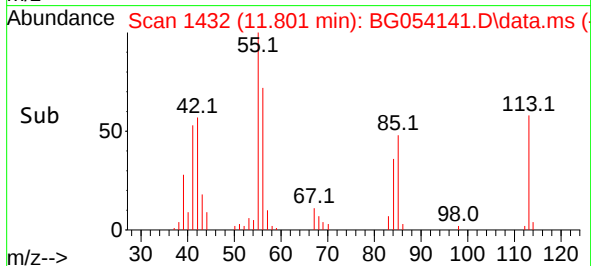
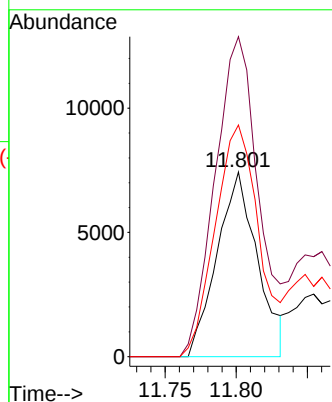
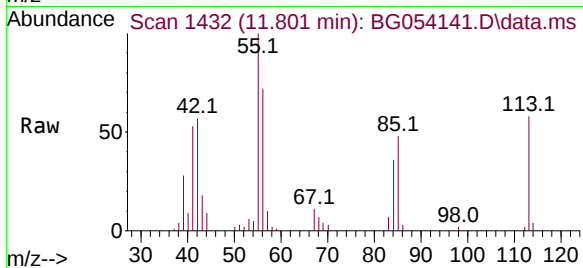
Tgt Ion:113 Resp: 14648

Ion Ratio Lower Upper

113 100

55 173.3 169.8 209.8

56 125.5 141.2 181.2#



#36

4-Chloro-3-methylphenol

Concen: 45.800 ng

RT: 12.154 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

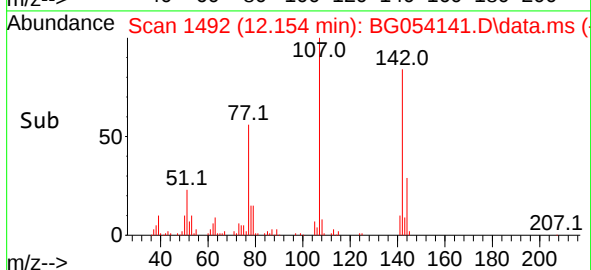
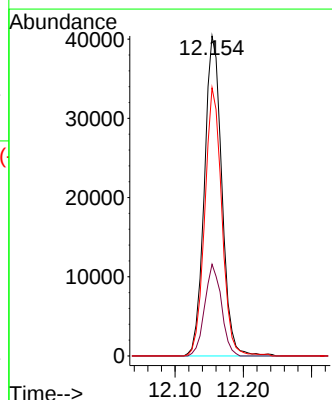
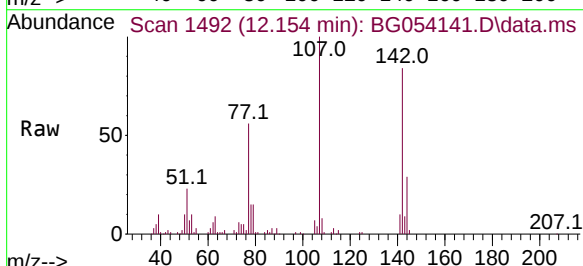
Tgt Ion:107 Resp: 71852

Ion Ratio Lower Upper

107 100

144 28.7 18.5 27.7#

142 83.8 55.0 82.4#





#37

2-Methylnaphthalene

Concen: 40.314 ng

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

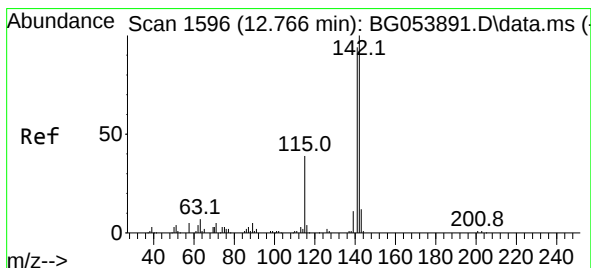
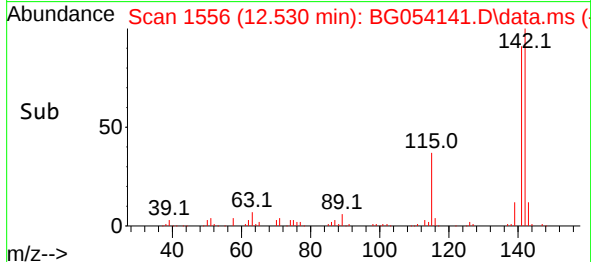
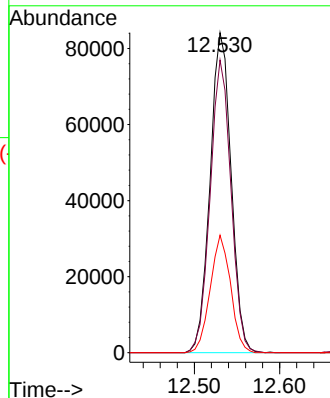
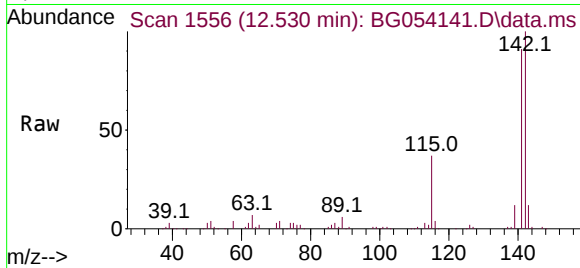
Tgt Ion:142 Resp: 144679

Ion Ratio Lower Upper

142 100

141 91.5 72.3 108.5

115 36.7 33.7 50.5



#38

1-Methylnaphthalene

Concen: 39.137 ng

RT: 12.747 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

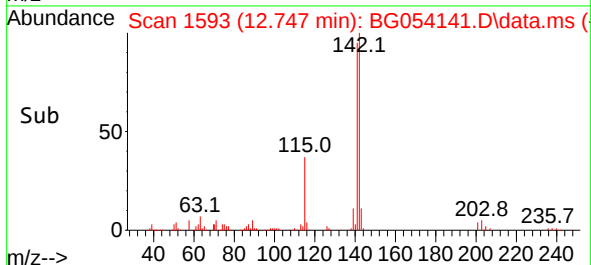
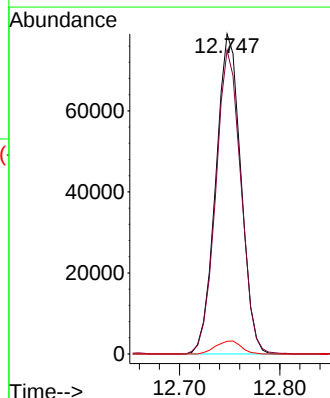
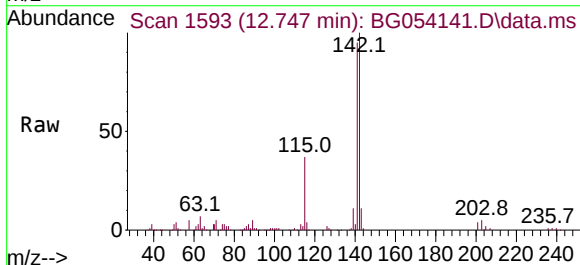
Tgt Ion:142 Resp: 136760

Ion Ratio Lower Upper

142 100

141 94.9 76.4 114.6

116 3.9 3.3 4.9

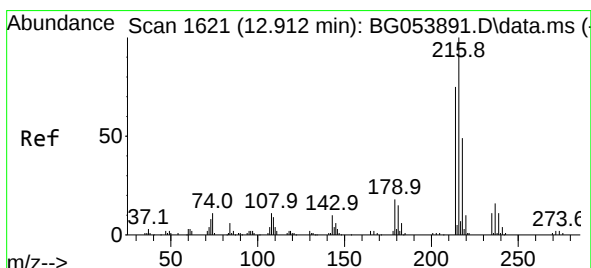
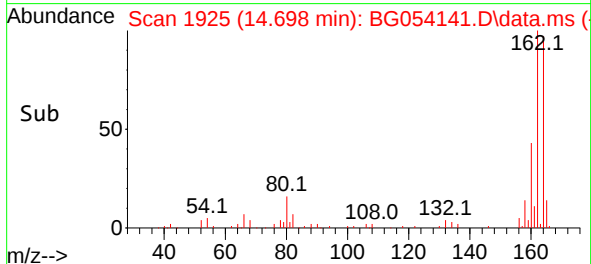
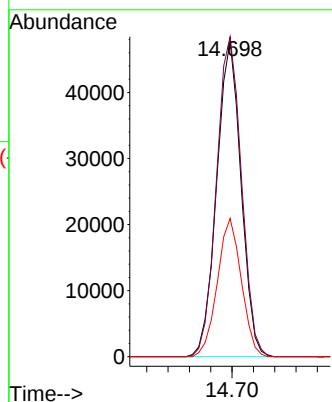
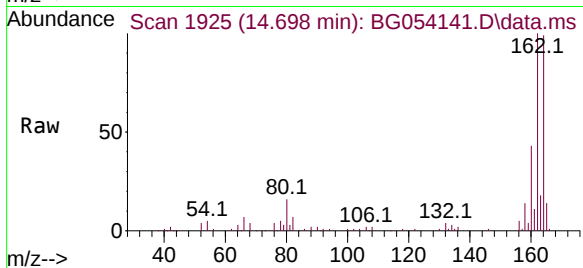




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

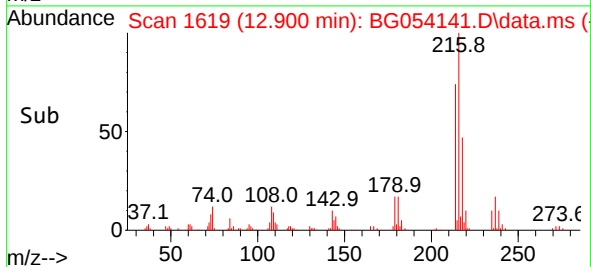
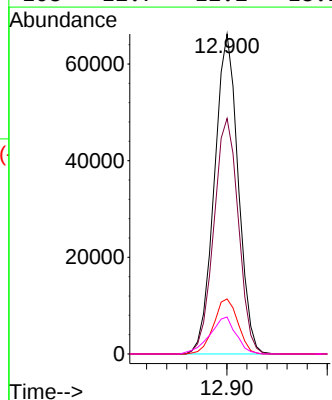
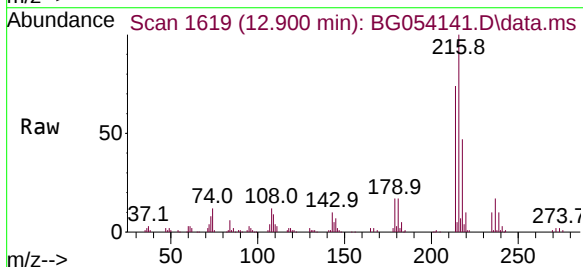
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:164 Resp: 75430
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 43.8 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.454 ng
RT: 12.900 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:216 Resp: 108859
Ion Ratio Lower Upper
216 100
214 75.7 62.9 94.3
179 17.5 16.1 24.1
108 12.7 12.2 18.2

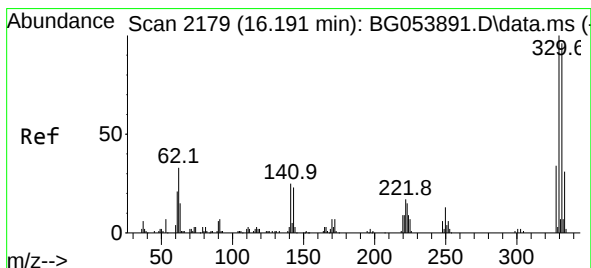
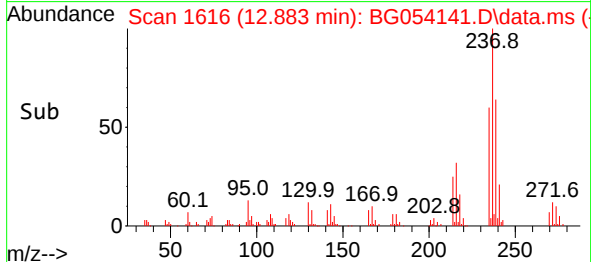
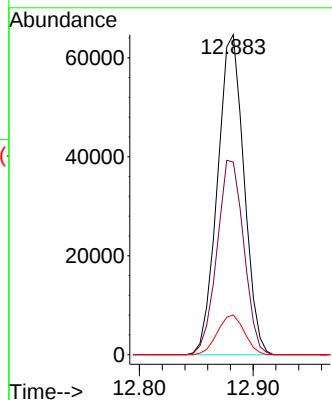
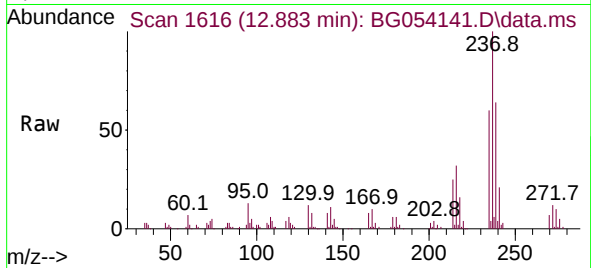




#41
Hexachlorocyclopentadiene
Concen: 77.327 ng
RT: 12.883 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

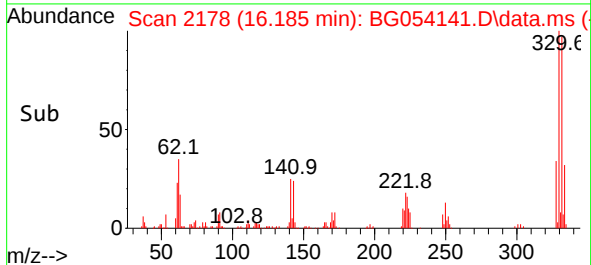
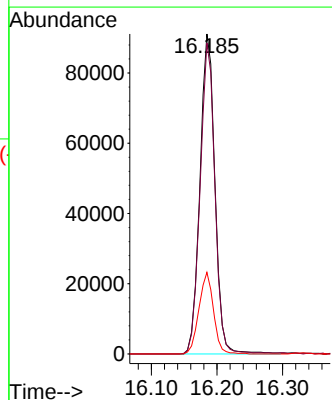
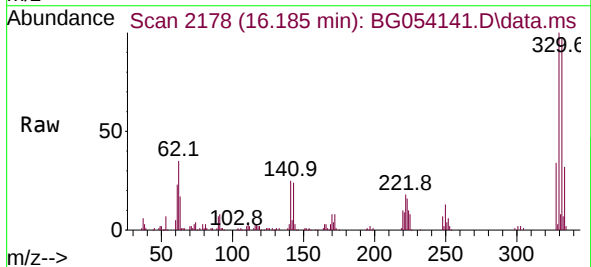
Instrument :
BNA_G
ClientSampleId :
PB145861BS

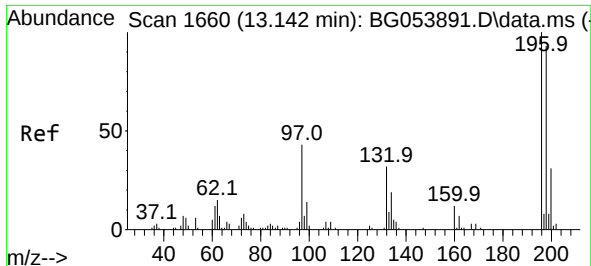
Tgt Ion:237 Resp: 104654
Ion Ratio Lower Upper
237 100
235 60.2 43.5 83.5
272 12.4 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 119.519 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:330 Resp: 144847
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 24.7 27.1 40.7#

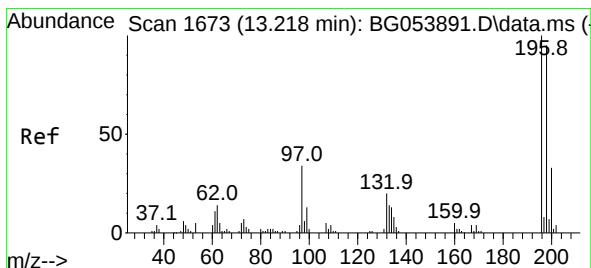
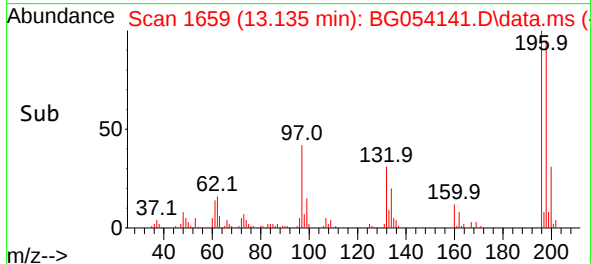
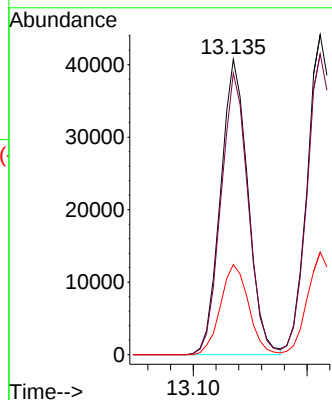
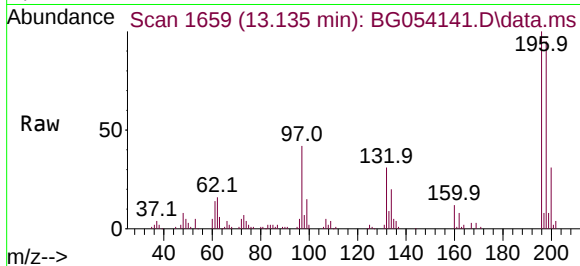




#43
2,4,6-Trichlorophenol
Concen: 41.768 ng
RT: 13.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

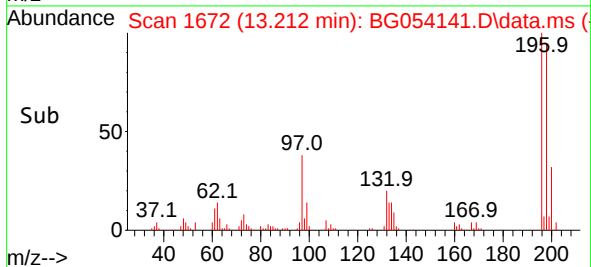
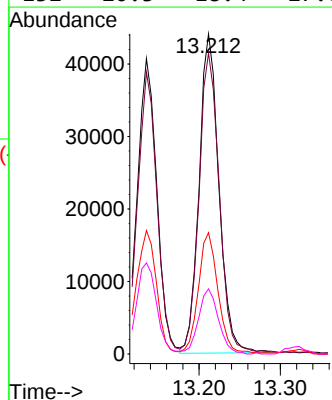
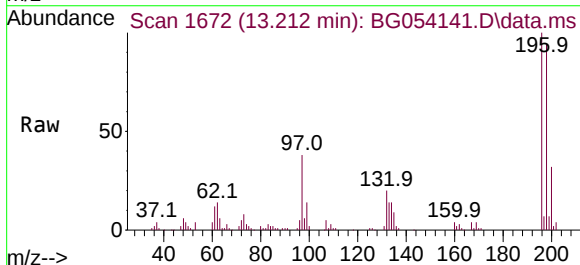
Instrument :
BNA_G
ClientSampleId :
PB145861BS

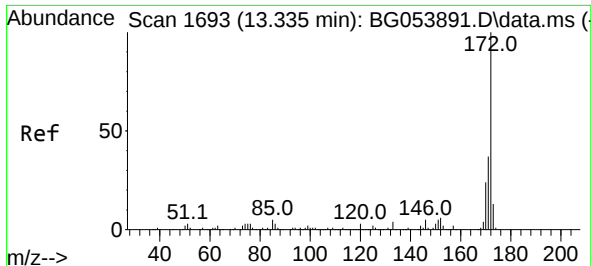
Tgt Ion:196 Resp: 68192
Ion Ratio Lower Upper
196 100
198 95.3 74.1 111.1
200 30.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 41.020 ng
RT: 13.212 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:196 Resp: 74778
Ion Ratio Lower Upper
196 100
198 94.0 76.8 115.2
97 37.9 39.8 59.6#
132 20.3 18.4 27.6

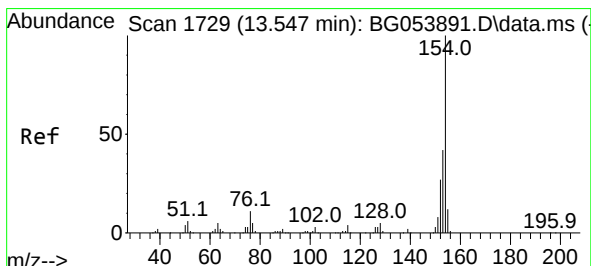
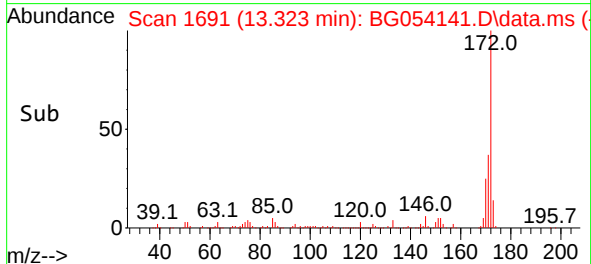
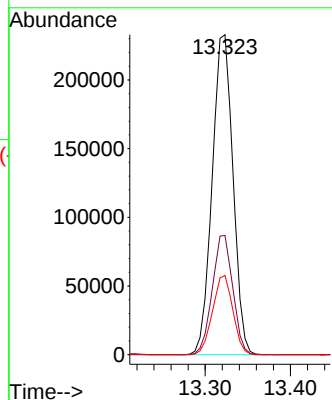
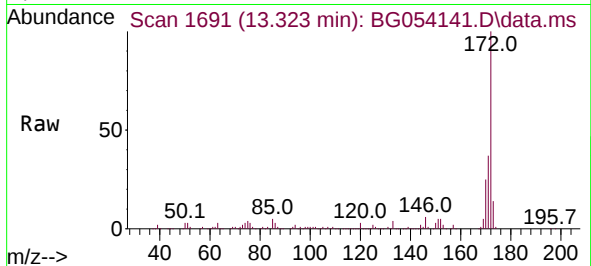




#45
2-Fluorobiphenyl
Concen: 76.218 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

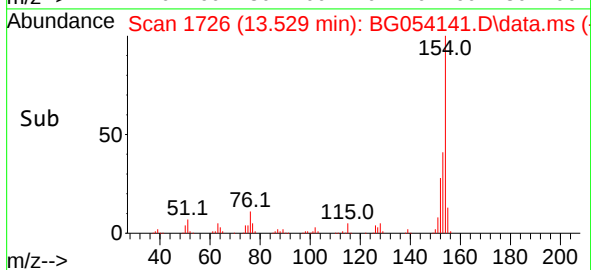
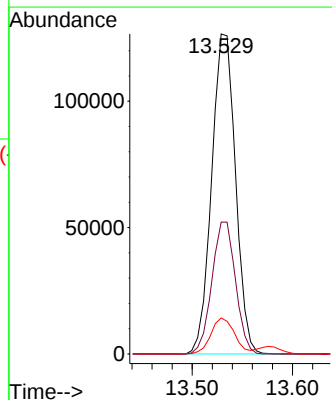
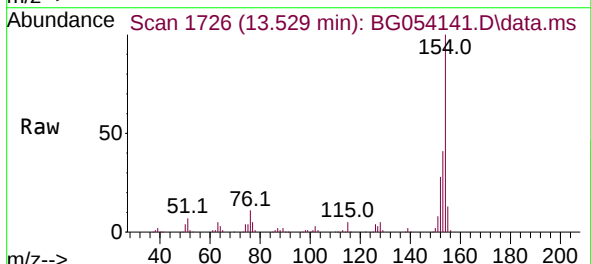
Instrument :
BNA_G
ClientSampleId :
PB145861BS

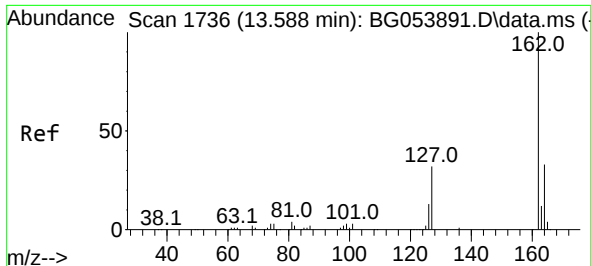
Tgt Ion:172 Resp: 395362
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.689 ng
RT: 13.529 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:154 Resp: 208534
Ion Ratio Lower Upper
154 100
153 41.2 21.6 61.6
76 11.3 0.0 32.6

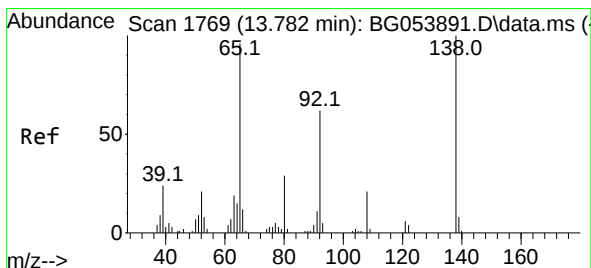
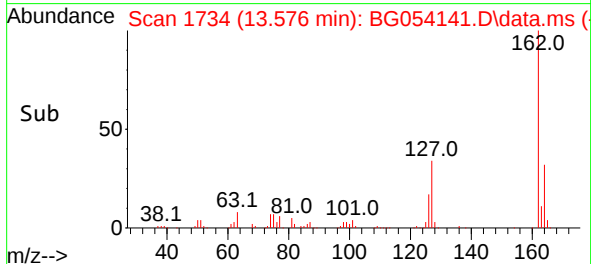
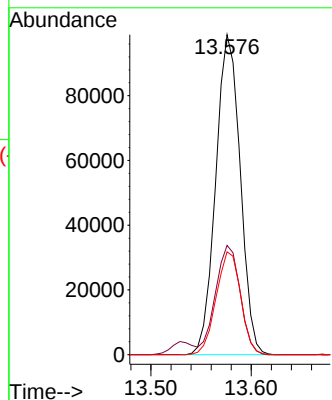
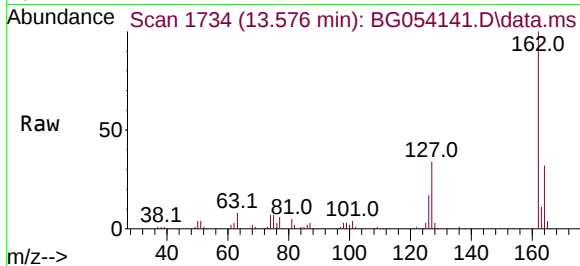




#47
2-Chloronaphthalene
Concen: 39.354 ng
RT: 13.576 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

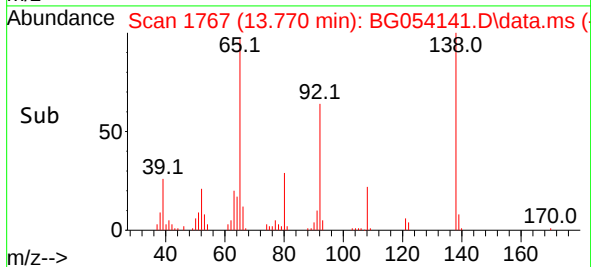
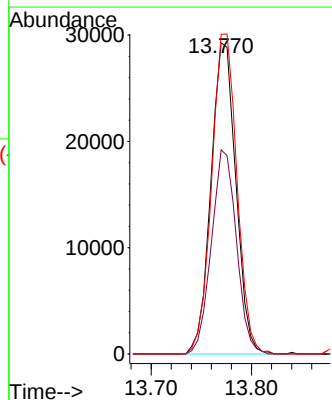
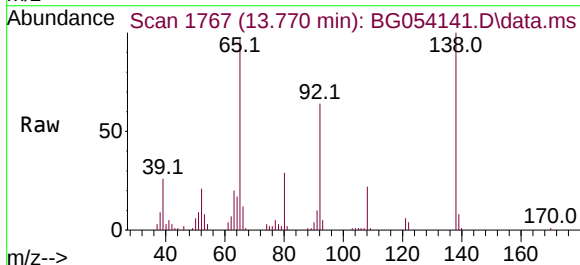
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:162 Resp: 167337
Ion Ratio Lower Upper
162 100
127 34.2 30.6 45.8
164 32.2 26.5 39.7



#48
2-Nitroaniline
Concen: 44.661 ng
RT: 13.770 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion: 65 Resp: 50517
Ion Ratio Lower Upper
65 100
92 65.6 51.5 77.3
138 102.7 71.3 106.9

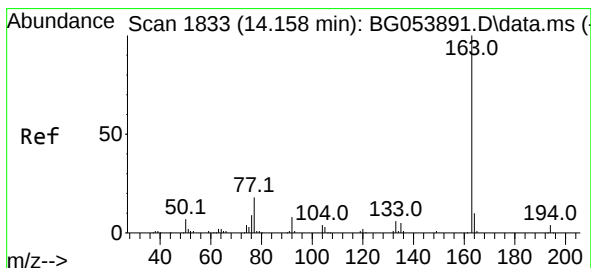
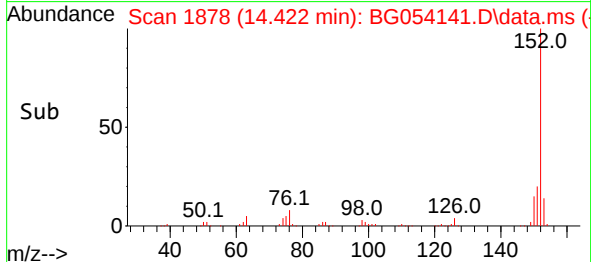
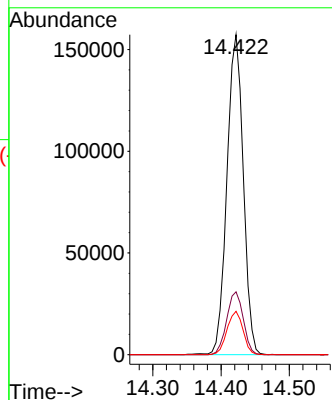
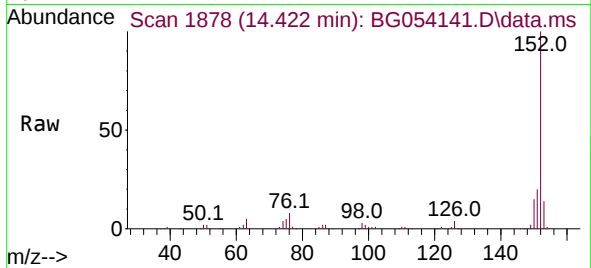




#49
Acenaphthylene
Concen: 39.708 ng
RT: 14.422 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

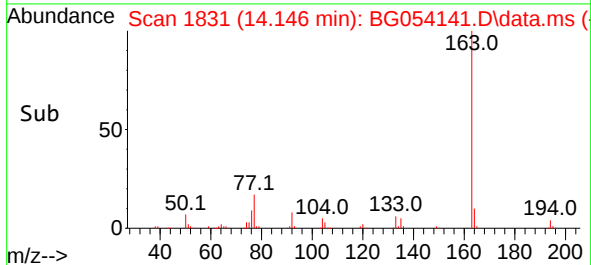
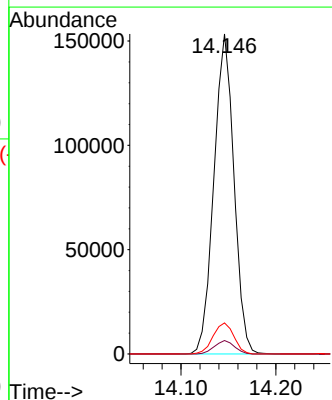
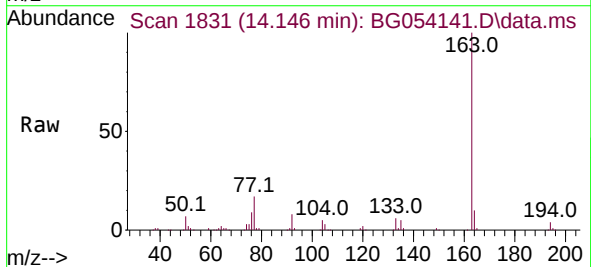
Instrument :
BNA_G
ClientSampleId :
PB145861BS

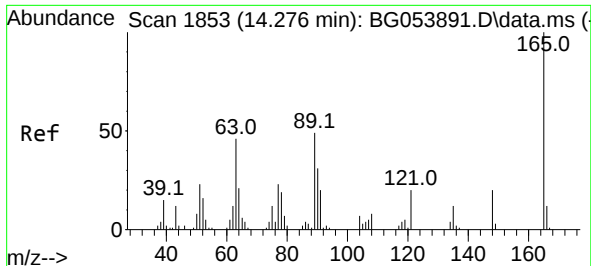
Tgt Ion:152 Resp: 262547
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 39.159 ng
RT: 14.146 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:163 Resp: 224954
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.7 8.0 12.0

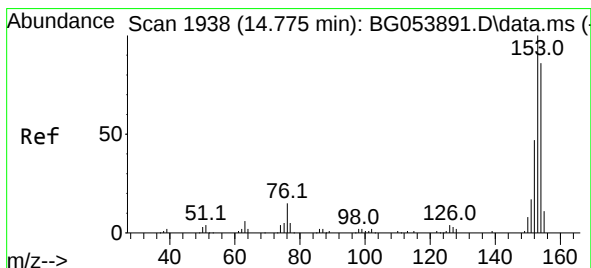
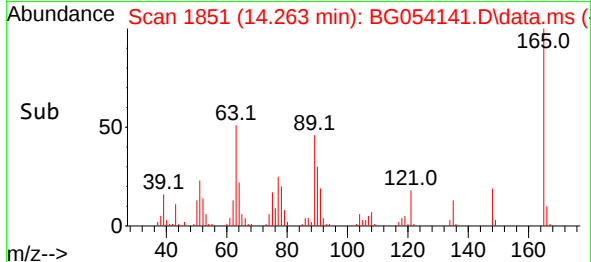
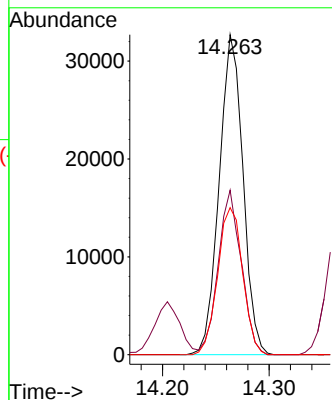
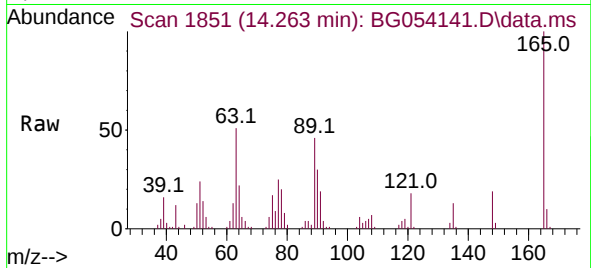




#51
2,6-Dinitrotoluene
Concen: 43.588 ng
RT: 14.263 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

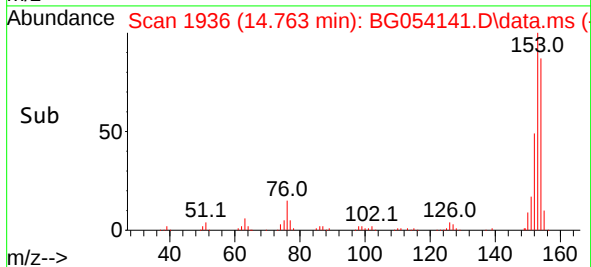
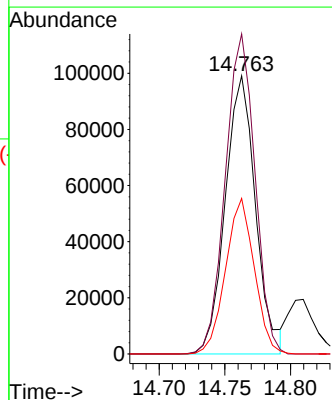
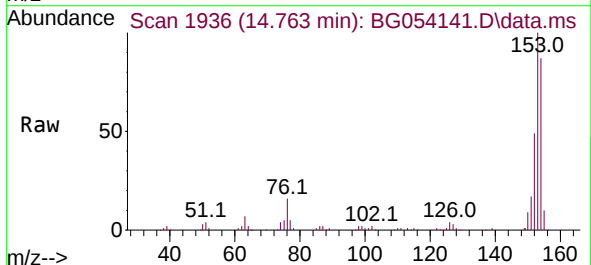
Instrument :
BNA_G
ClientSampleId :
PB145861BS

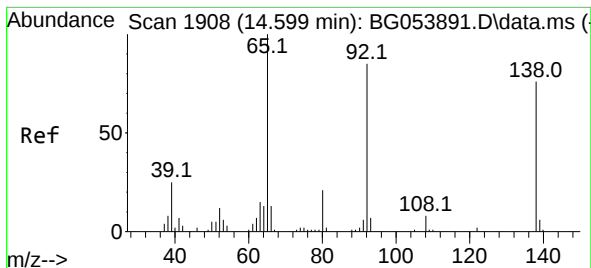
Tgt Ion:165 Resp: 50590
Ion Ratio Lower Upper
165 100
63 51.4 54.1 81.1#
89 46.0 54.8 82.2#



#52
Acenaphthene
Concen: 37.734 ng
RT: 14.763 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:154 Resp: 159039
Ion Ratio Lower Upper
154 100
153 115.1 92.7 139.1
152 55.9 42.6 64.0

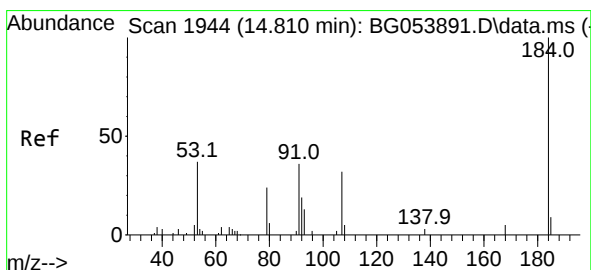
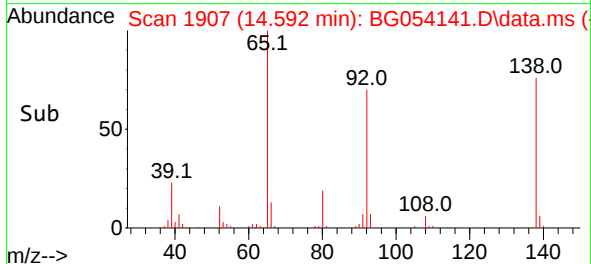
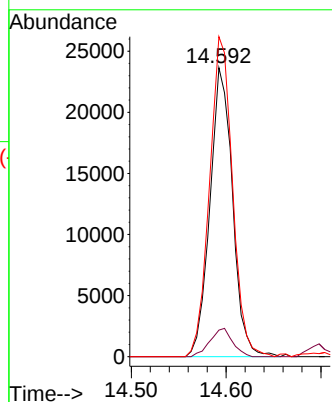
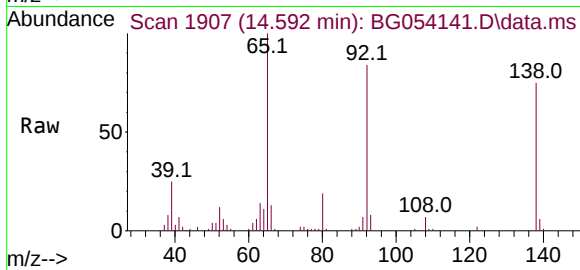




#53
3-Nitroaniline
Concen: 34.869 ng
RT: 14.592 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

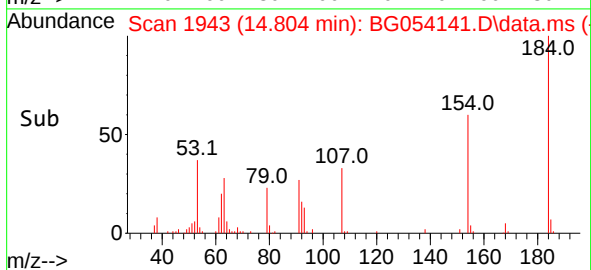
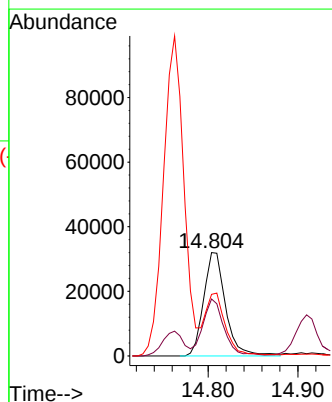
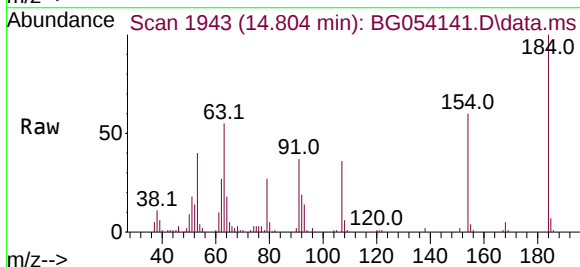
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:138 Resp: 39209
Ion Ratio Lower Upper
138 100
108 9.2 9.2 13.8#
92 110.7 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 84.665 ng
RT: 14.804 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:184 Resp: 54511
Ion Ratio Lower Upper
184 100
63 55.1 61.1 91.7#
154 59.6 60.6 91.0#

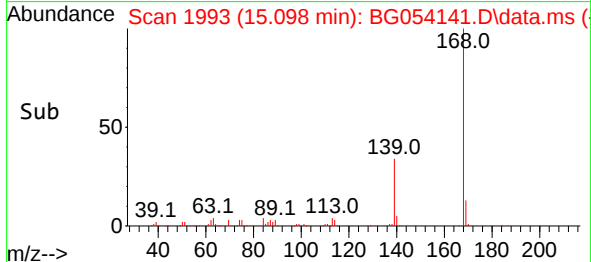
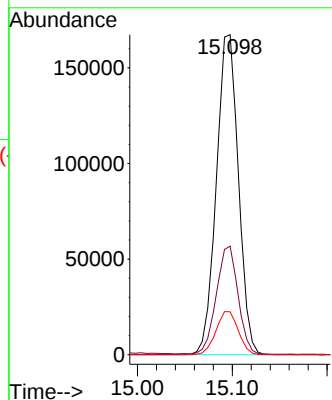
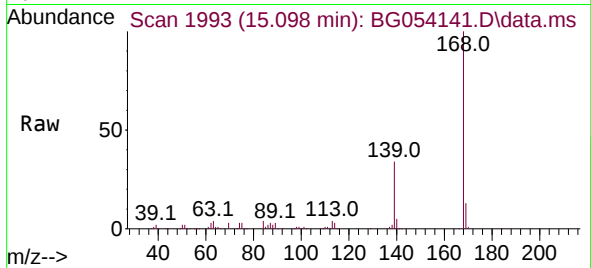




#55
Dibenzenofuran
Concen: 39.827 ng
RT: 15.098 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

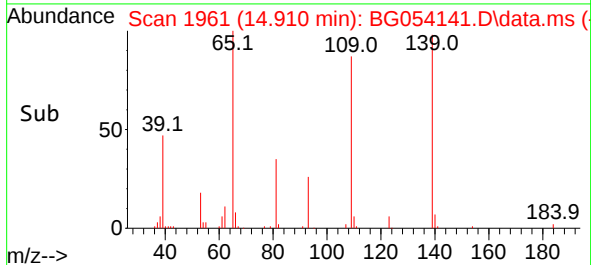
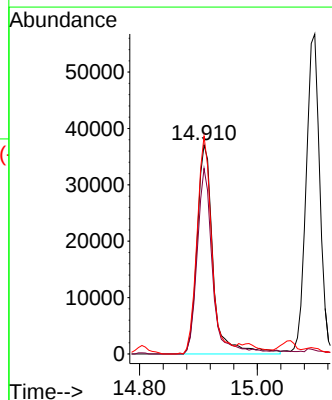
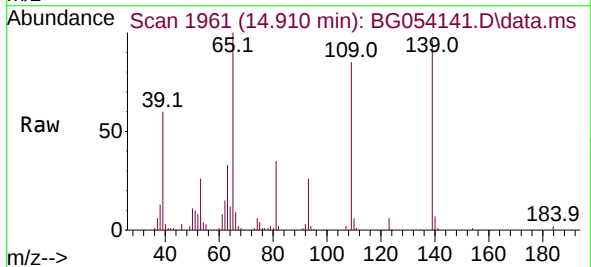
Instrument :
BNA_G
ClientSampleId :
PB145861BS

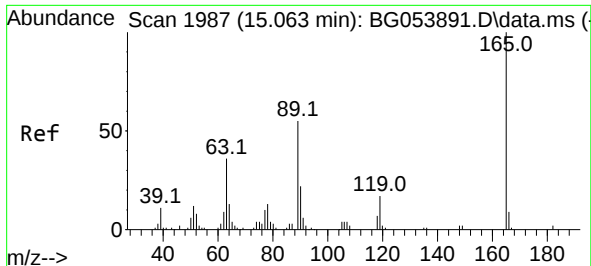
Tgt Ion:168 Resp: 270451
Ion Ratio Lower Upper
168 100
139 33.9 30.5 45.7
169 13.4 10.3 15.5



#56
4-Nitrophenol
Concen: 87.687 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:139 Resp: 70003
Ion Ratio Lower Upper
139 100
109 88.8 88.5 128.5
65 104.2 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 44.678 ng

RT: 15.057 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

Tgt Ion:165 Resp: 73236

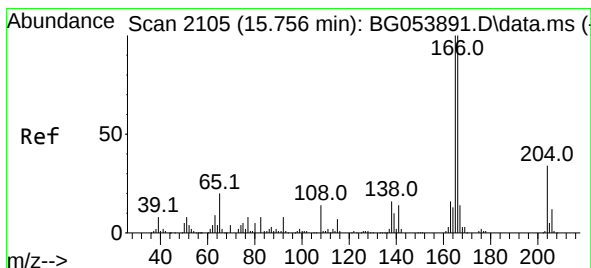
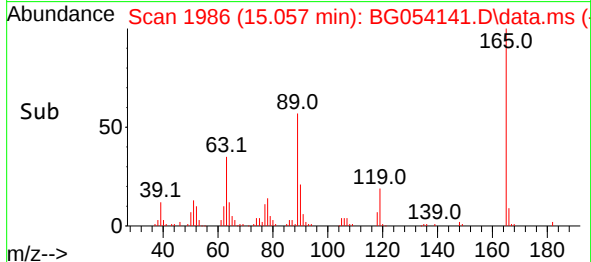
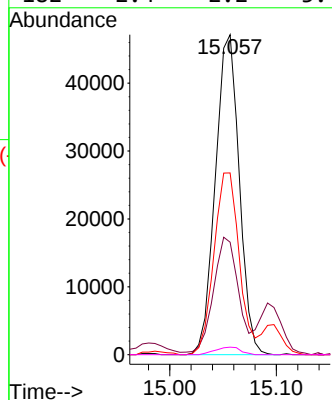
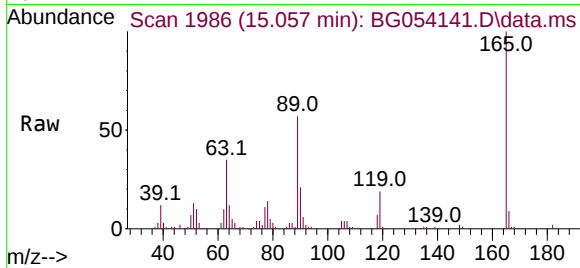
Ion Ratio Lower Upper

165 100

63 35.1 34.6 52.0

89 56.8 60.3 90.5#

182 2.4 2.2 3.4



#58

Fluorene

Concen: 39.757 ng

RT: 15.744 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

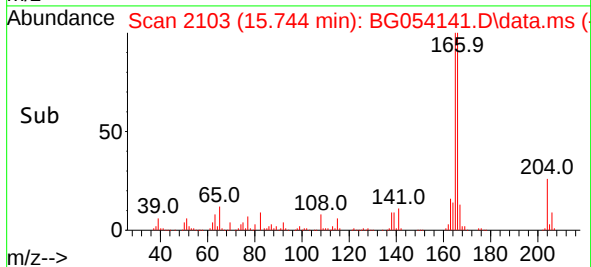
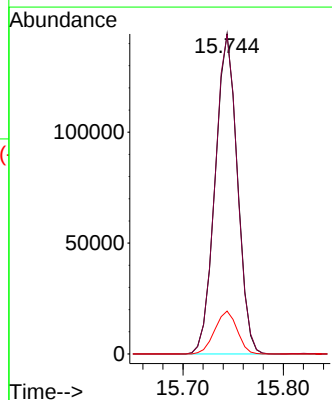
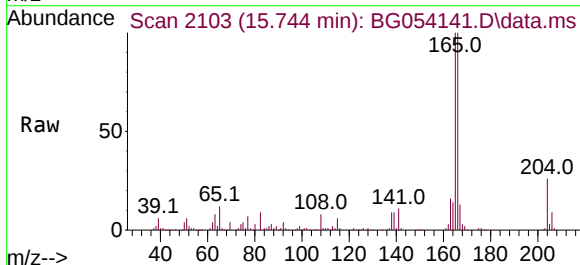
Tgt Ion:166 Resp: 221665

Ion Ratio Lower Upper

166 100

165 99.7 75.0 112.6

167 13.4 10.8 16.2

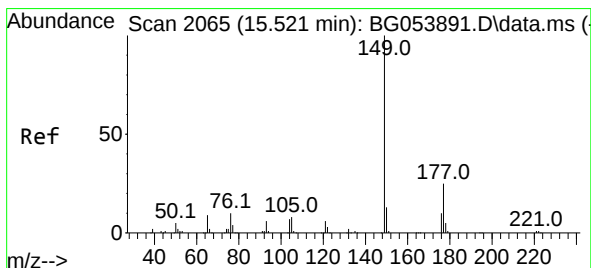
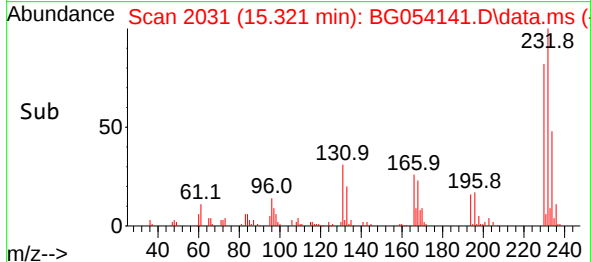
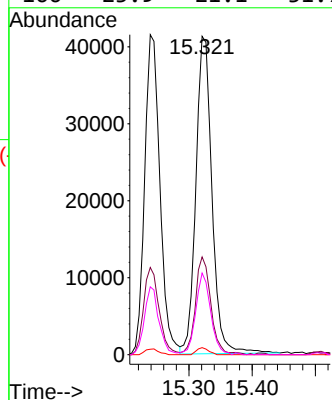
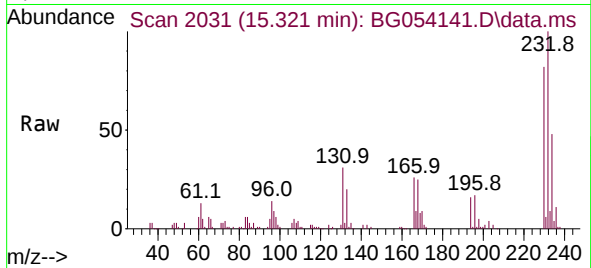




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.931 ng
RT: 15.321 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

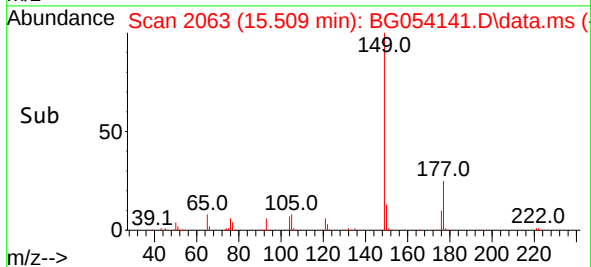
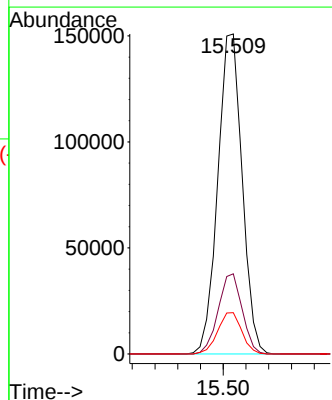
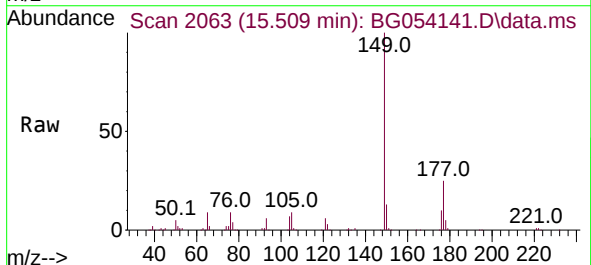
Instrument :
BNA_G
ClientSampleId :
PB145861BS

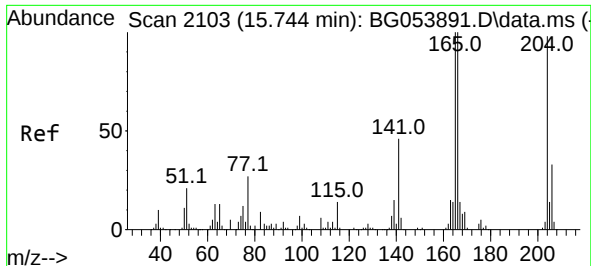
Tgt Ion:232 Resp: 72970
Ion Ratio Lower Upper
232 100
131 29.6 30.6 46.0#
130 1.6 1.8 2.8#
166 23.9 21.1 31.7



#60
Diethylphthalate
Concen: 40.348 ng
RT: 15.509 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:149 Resp: 224469
Ion Ratio Lower Upper
149 100
177 25.0 18.4 27.6
150 12.9 11.2 16.8

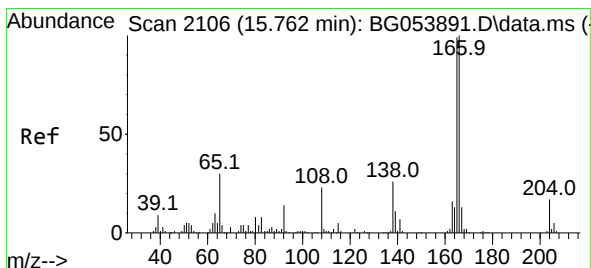
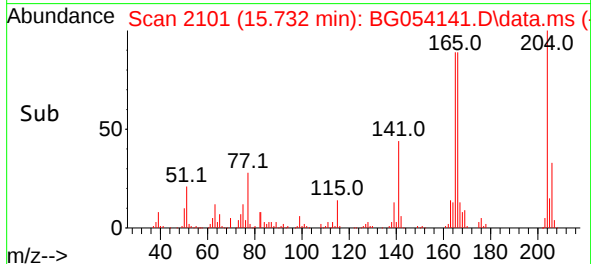
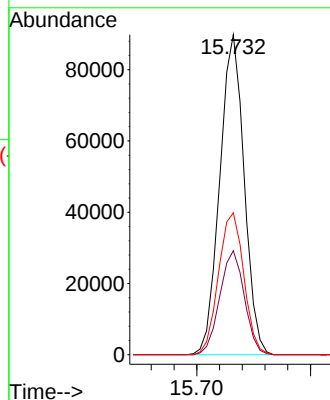
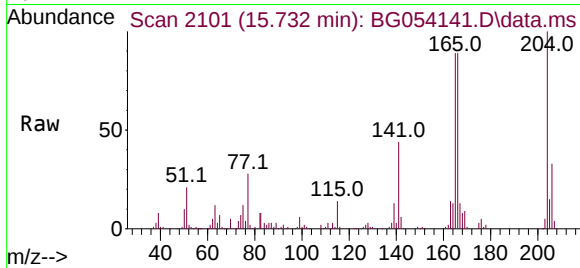




#61
4-Chlorophenyl-phenylether
Concen: 40.058 ng
RT: 15.732 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

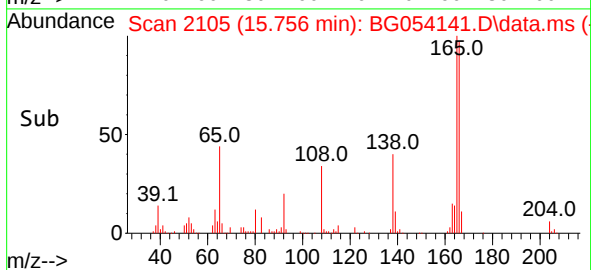
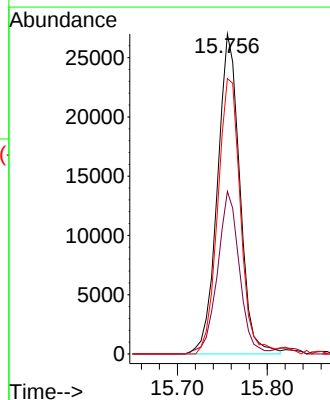
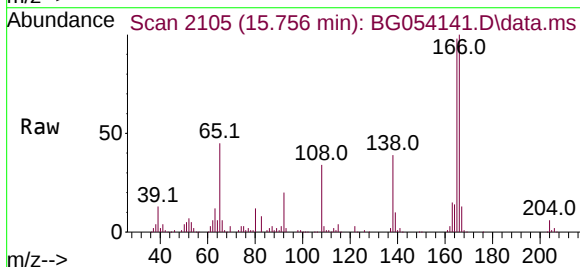
Instrument :
BNA_G
ClientSampleId :
PB145861BS

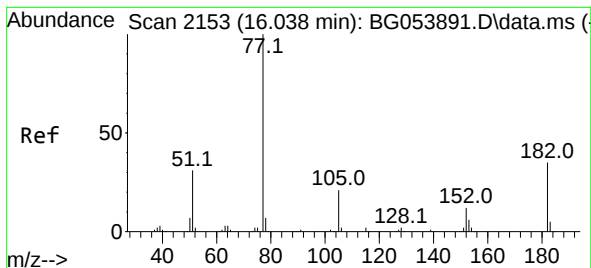
Tgt Ion:204 Resp: 133710
Ion Ratio Lower Upper
204 100
206 32.5 27.5 41.3
141 44.4 45.3 67.9#



#62
4-Nitroaniline
Concen: 39.746 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:138 Resp: 46608
Ion Ratio Lower Upper
138 100
92 50.8 40.5 80.5
108 86.1 103.7 143.7#





#63

Azobenzene

Concen: 40.115 ng

RT: 16.026 min Scan# 2151

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

Tgt Ion: 77 Resp: 179641

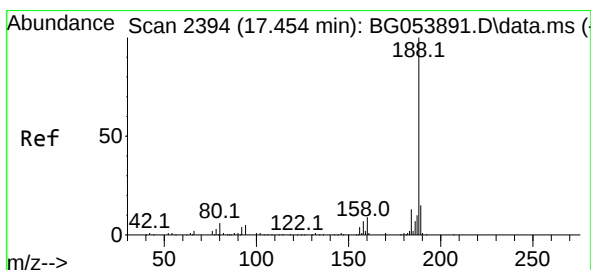
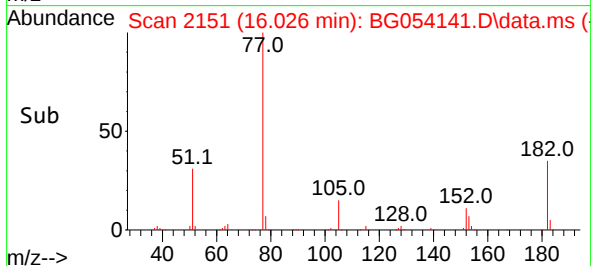
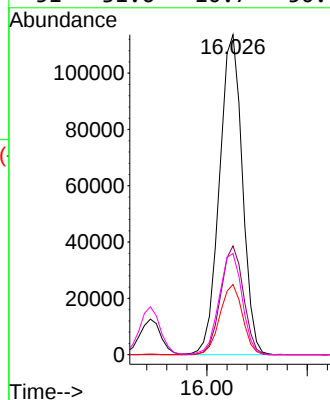
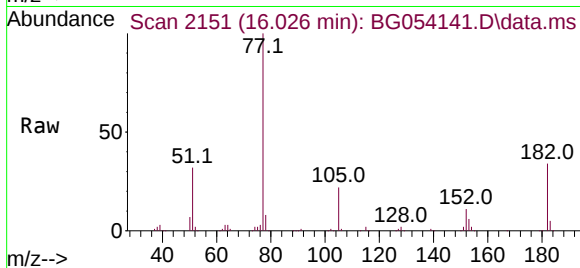
Ion Ratio Lower Upper

77 100

182 34.0 3.8 43.8

105 22.0 0.0 37.8

51 31.6 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.442 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

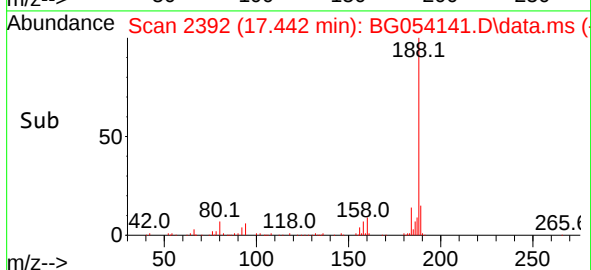
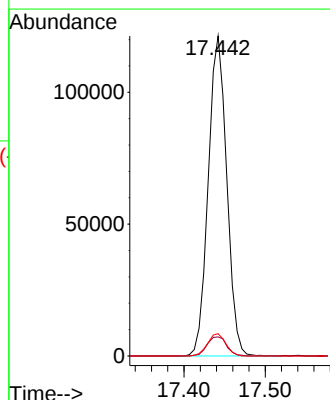
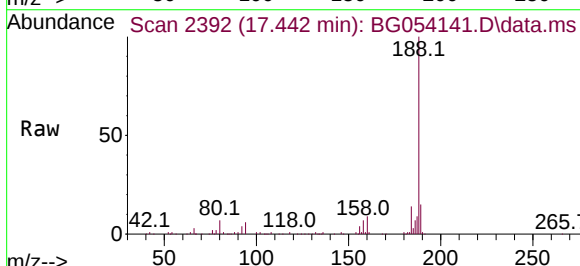
Tgt Ion:188 Resp: 191473

Ion Ratio Lower Upper

188 100

94 5.9 5.4 8.0

80 6.9 6.8 10.2

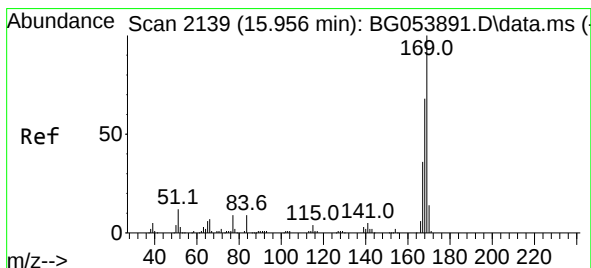
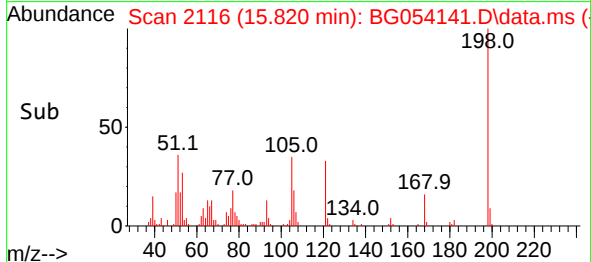
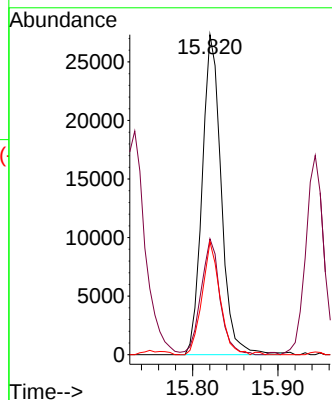
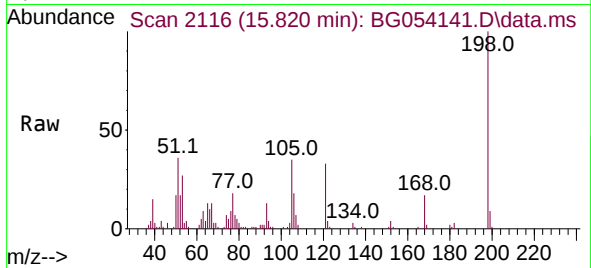




#65
4,6-Dinitro-2-methylphenol
Concen: 44.430 ng
RT: 15.820 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

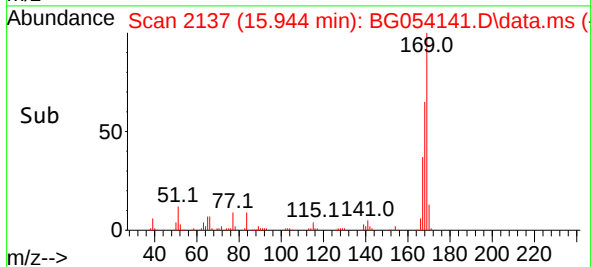
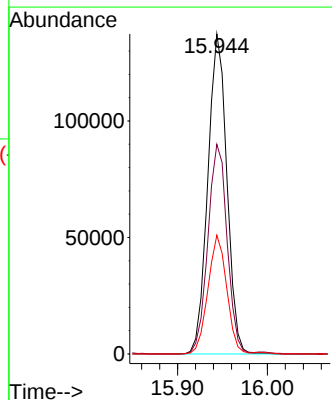
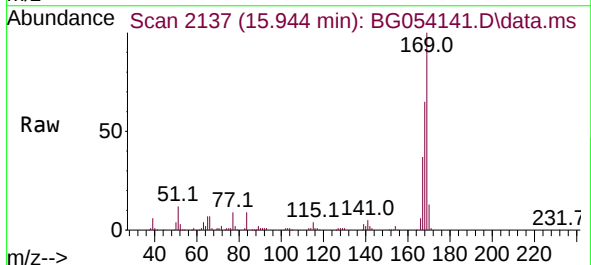
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:198 Resp: 42442
Ion Ratio Lower Upper
198 100
51 36.2 28.1 68.1
105 35.3 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 40.478 ng
RT: 15.944 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:169 Resp: 201990
Ion Ratio Lower Upper
169 100
168 65.5 55.9 83.9
167 37.1 30.6 46.0

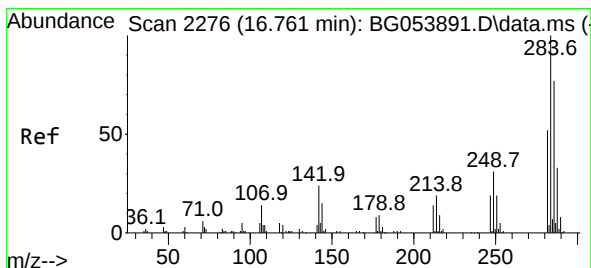
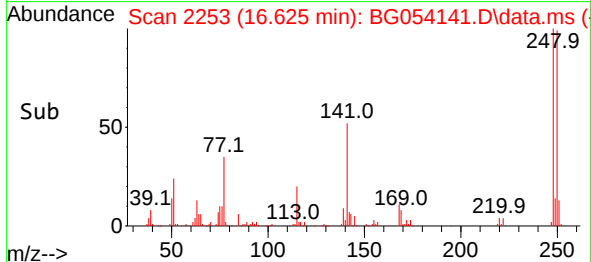
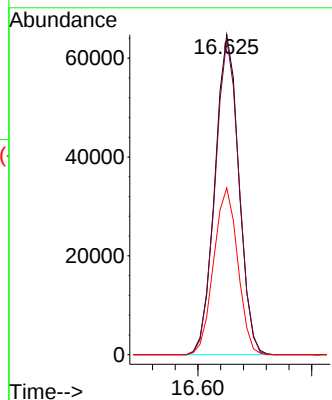
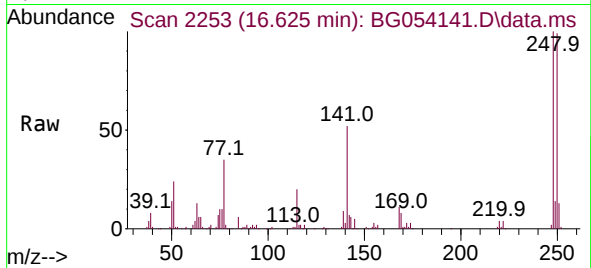




#67
4-Bromophenyl-phenylether
Concen: 39.601 ng
RT: 16.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

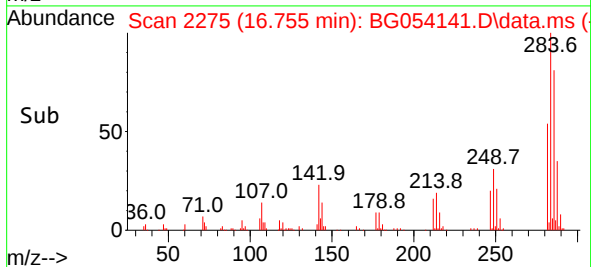
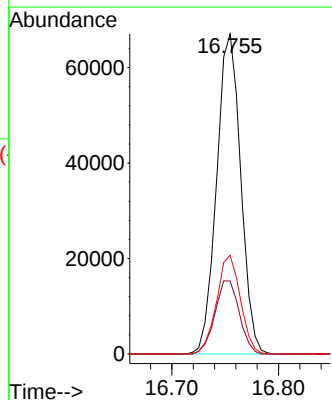
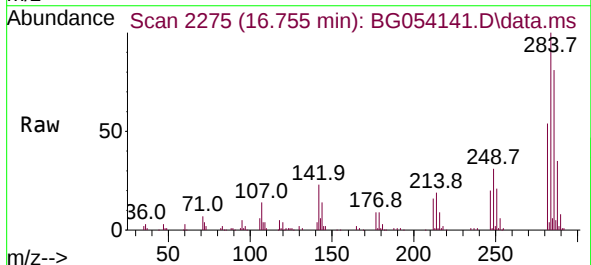
Instrument :
BNA_G
ClientSampleId :
PB145861BS

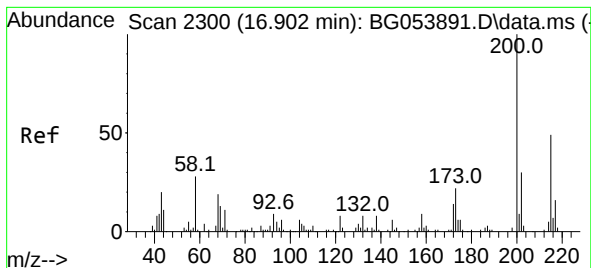
Tgt Ion:248 Resp: 94702
Ion Ratio Lower Upper
248 100
250 98.7 75.2 112.8
141 52.1 50.0 75.0



#68
Hexachlorobenzene
Concen: 38.386 ng
RT: 16.755 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:284 Resp: 105004
Ion Ratio Lower Upper
284 100
142 22.8 23.6 35.4#
249 30.9 25.8 38.6





#69

Atrazine

Concen: 44.770 ng

RT: 16.890 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

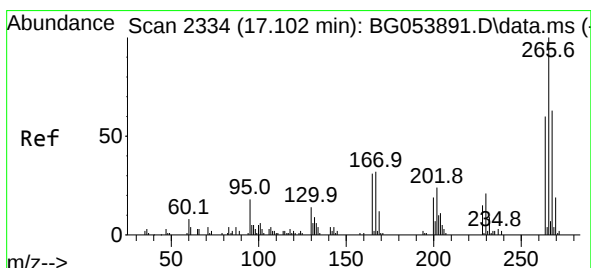
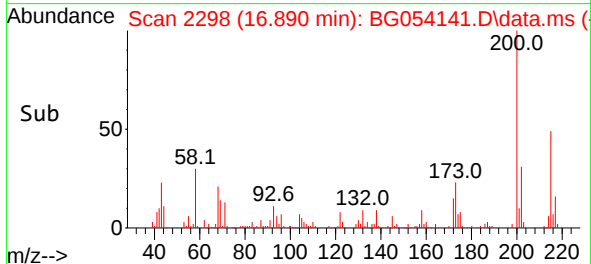
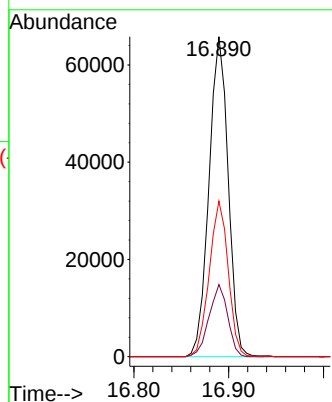
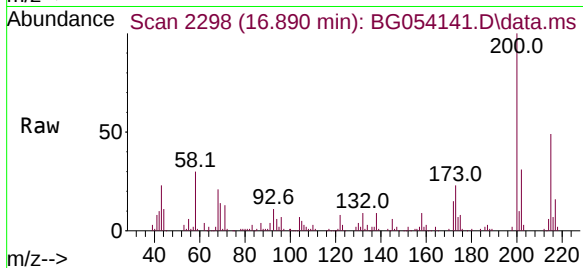
Tgt Ion:200 Resp: 92549

Ion Ratio Lower Upper

200 100

173 22.6 3.7 43.7

215 48.6 25.2 65.2



#70

Pentachlorophenol

Concen: 81.090 ng

RT: 17.095 min Scan# 2333

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

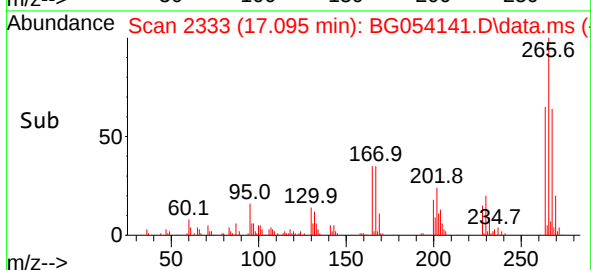
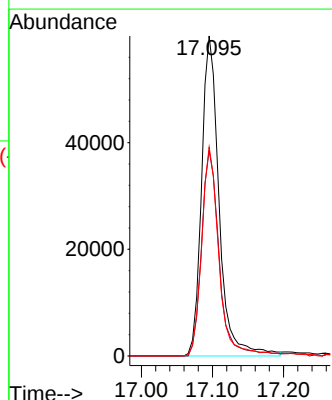
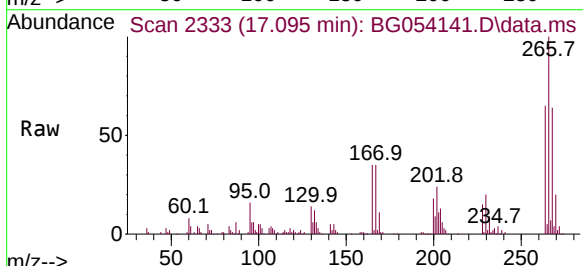
Tgt Ion:266 Resp: 103040

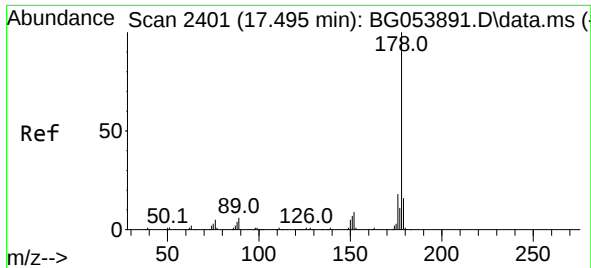
Ion Ratio Lower Upper

266 100

268 68.4 56.2 84.2

264 65.3 53.0 79.4

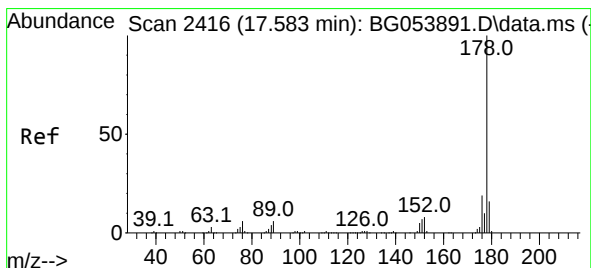
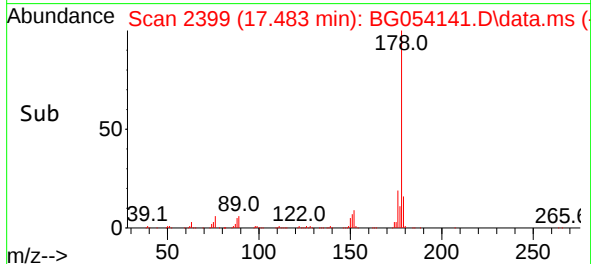
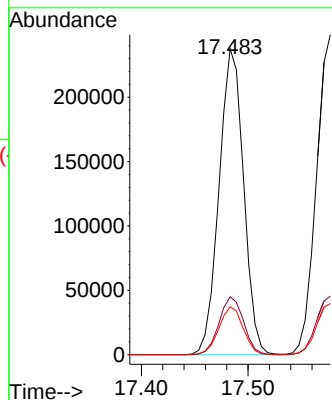
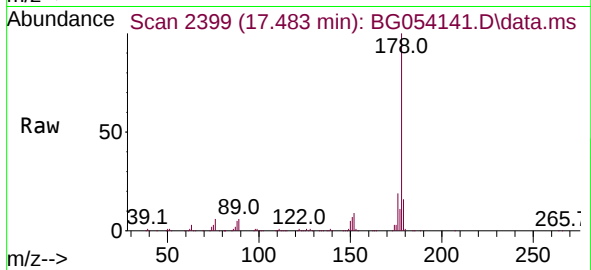




#71
Phenanthrene
Concen: 38.555 ng
RT: 17.483 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

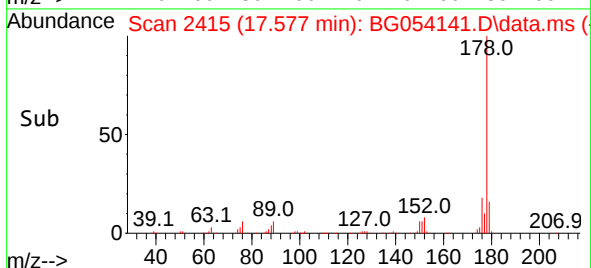
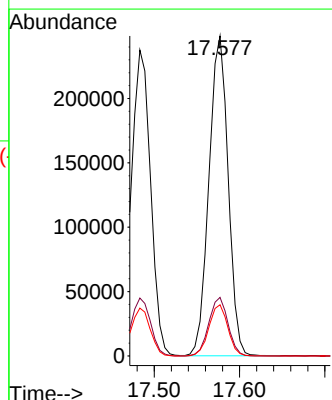
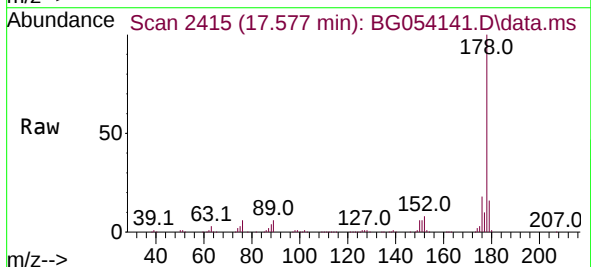
Instrument :
BNA_G
ClientSampleId :
PB145861BS

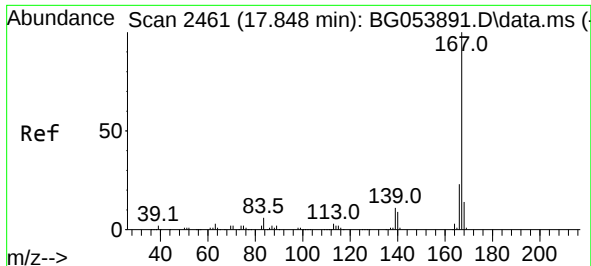
Tgt Ion:178 Resp: 379279
Ion Ratio Lower Upper
178 100
176 18.9 14.1 21.1
179 15.6 12.1 18.1



#72
Anthracene
Concen: 40.452 ng
RT: 17.577 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:178 Resp: 388599
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 16.0 13.0 19.4

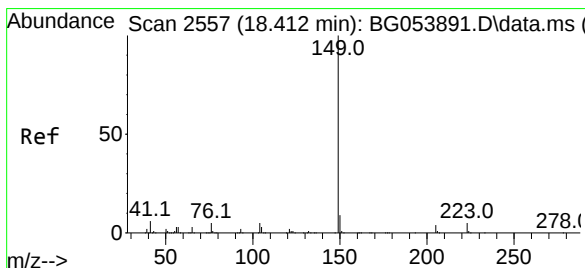
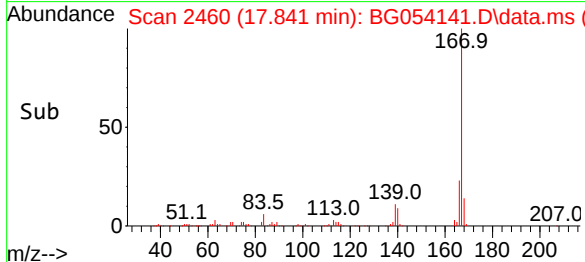
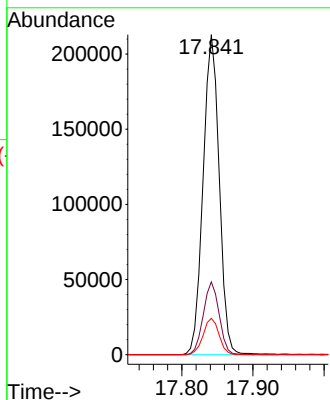
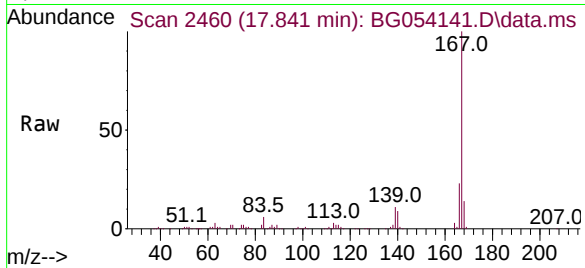




#73
 Carbazole
 Concen: 40.781 ng
 RT: 17.841 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BG054141.D
 Acq: 29 Jun 2022 12:12

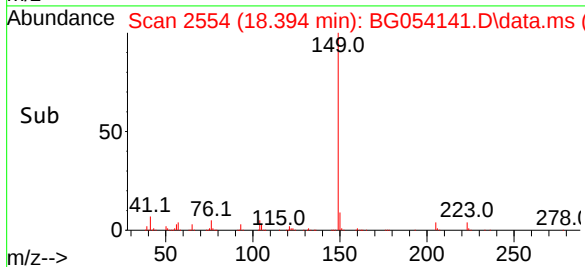
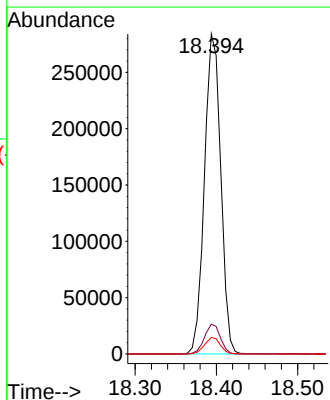
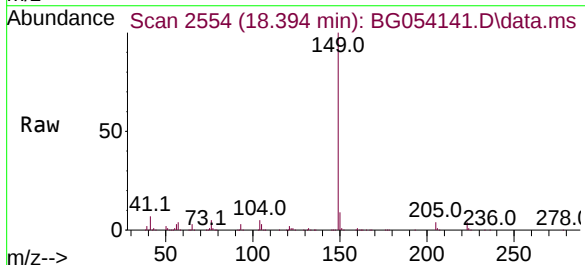
Instrument :
 BNA_G
 ClientSampleId :
 PB145861BS

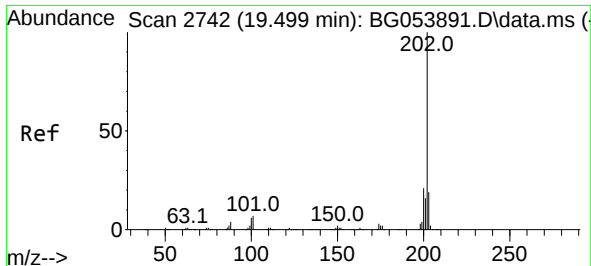
Tgt Ion:167 Resp: 336258
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 11.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.453 ng
 RT: 18.394 min Scan# 2554
 Delta R.T. -0.006 min
 Lab File: BG054141.D
 Acq: 29 Jun 2022 12:12

Tgt Ion:149 Resp: 395203
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.2 5.4 8.0#

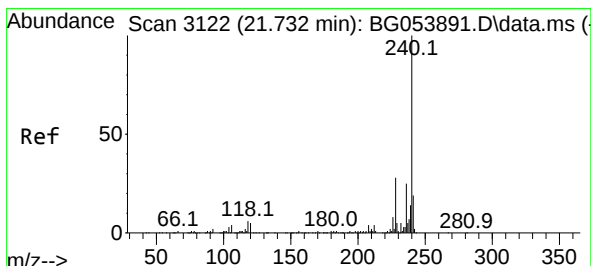
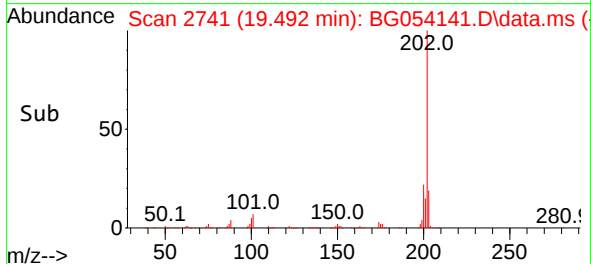
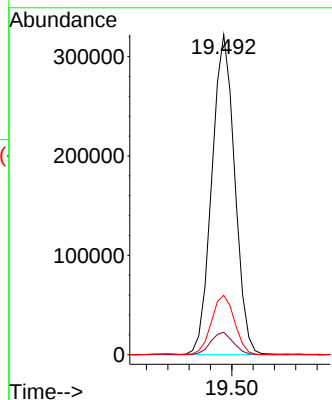
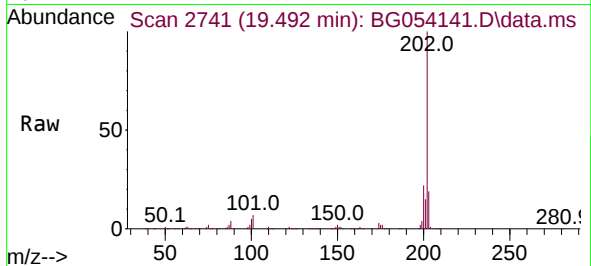




#75
Fluoranthene
Concen: 37.094 ng
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

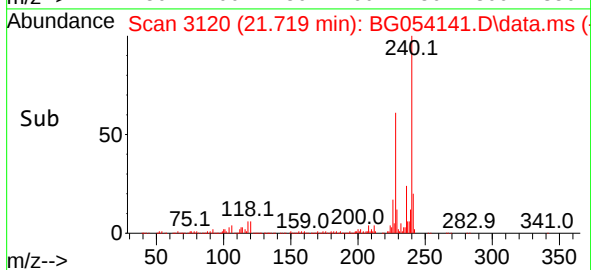
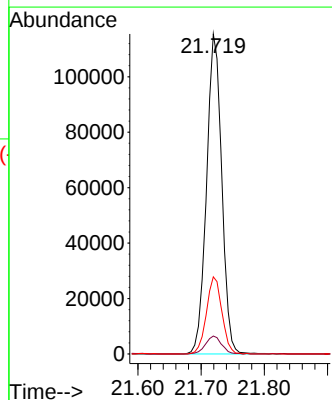
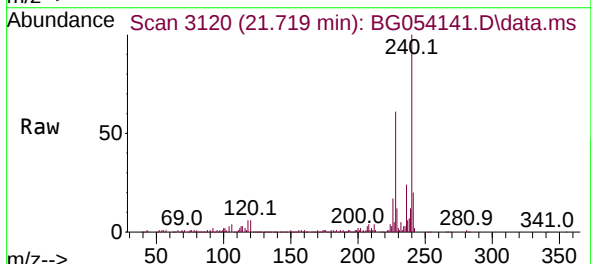
Instrument :
BNA_G
ClientSampleId :
PB145861BS

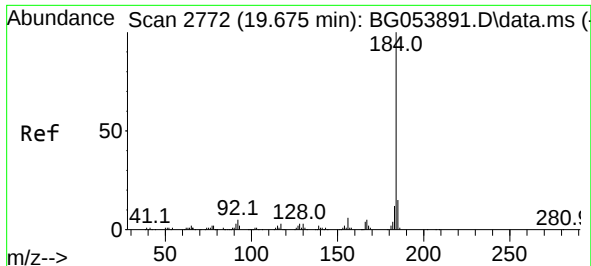
Tgt Ion:202 Resp: 479026
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.9
203 18.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:240 Resp: 192404
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.1 20.2 30.4

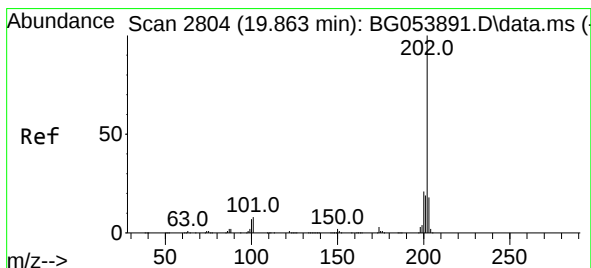
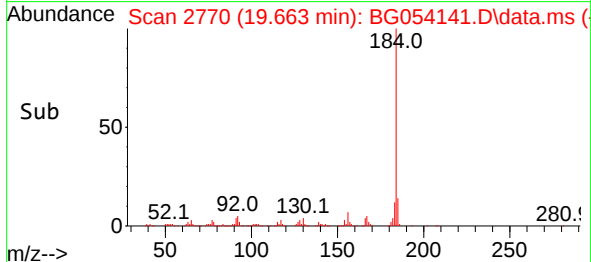
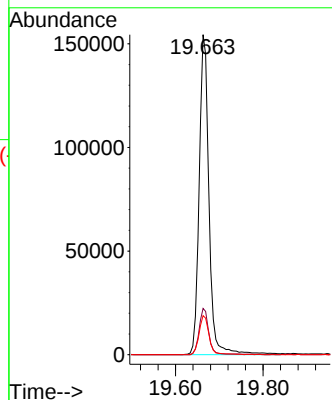
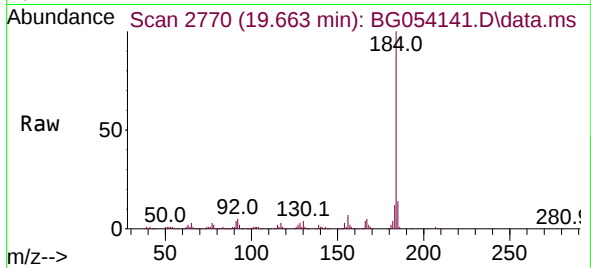




#77
Benzidine
Concen: 60.496 ng
RT: 19.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

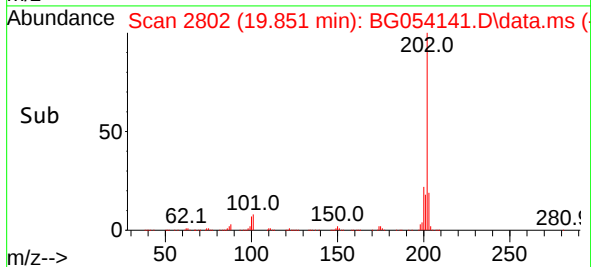
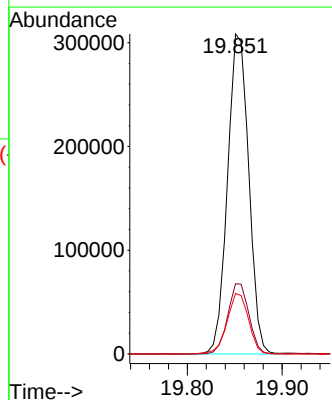
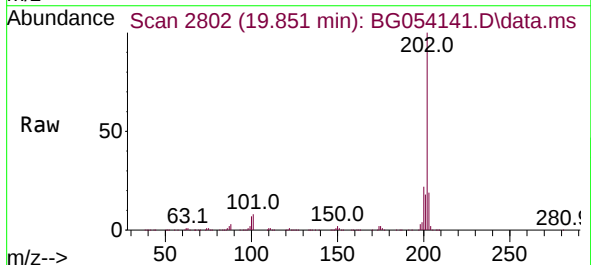
Instrument :
BNA_G
ClientSampleId :
PB145861BS

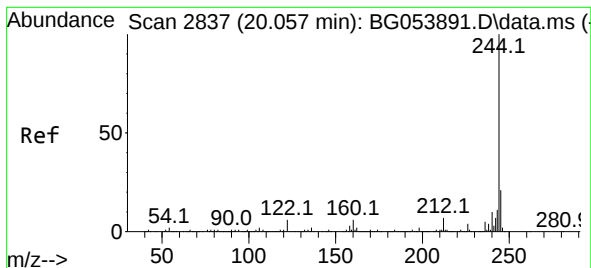
Tgt Ion:184 Resp: 241045
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 12.2 8.9 13.3



#78
Pyrene
Concen: 41.289 ng
RT: 19.851 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:202 Resp: 479810
Ion Ratio Lower Upper
202 100
200 22.0 16.6 24.8
203 18.9 14.6 21.8





#79

Terphenyl-d14

Concen: 84.554 ng

RT: 20.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

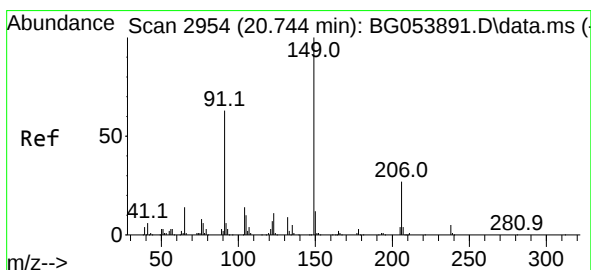
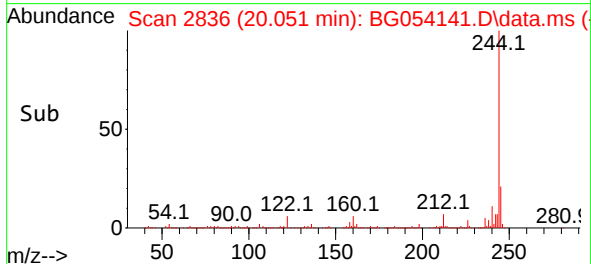
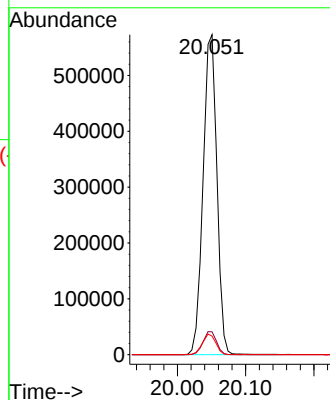
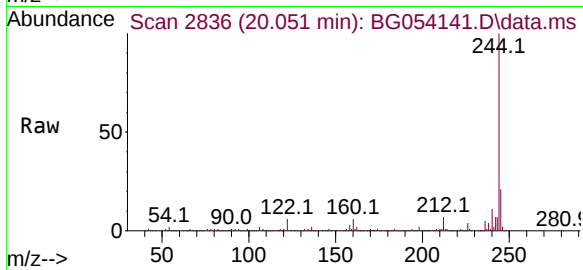
Tgt Ion:244 Resp: 807737

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 5.8 5.0 7.4



#80

Butylbenzylphthalate

Concen: 44.478 ng

RT: 20.732 min Scan# 2952

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

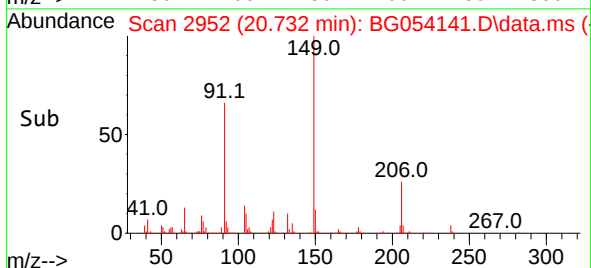
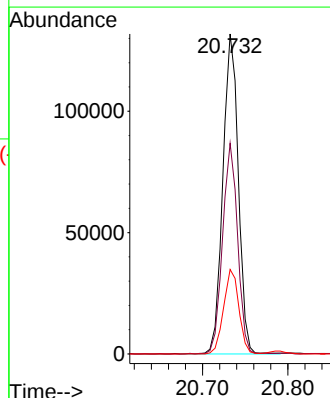
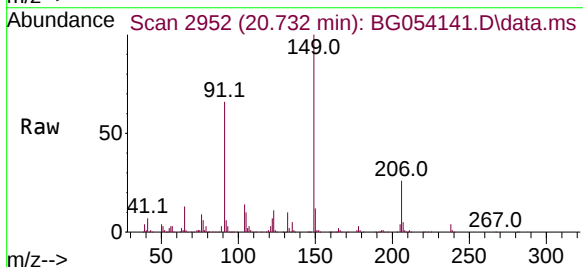
Tgt Ion:149 Resp: 165671

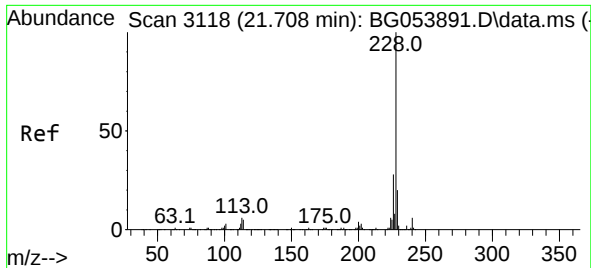
Ion Ratio Lower Upper

149 100

91 65.8 59.6 89.4

206 26.4 18.6 28.0

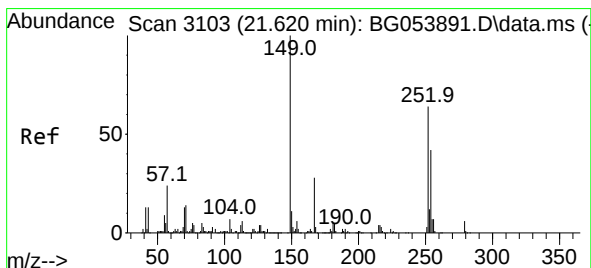
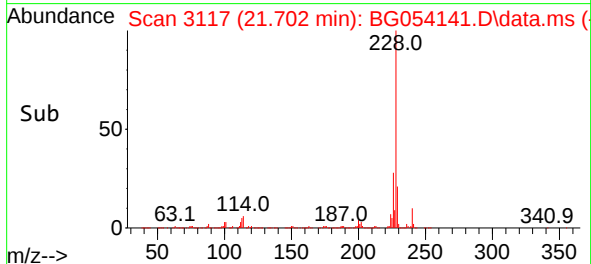
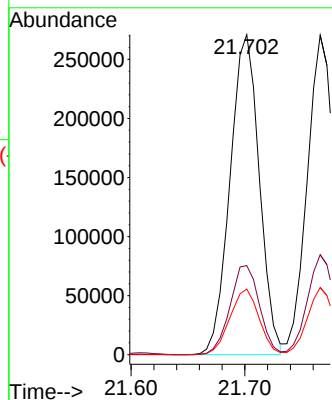
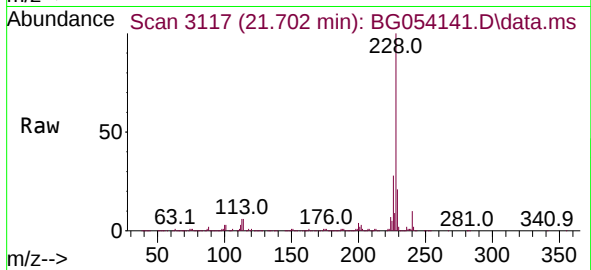




#81
Benzo(a)anthracene
Concen: 38.871 ng
RT: 21.702 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

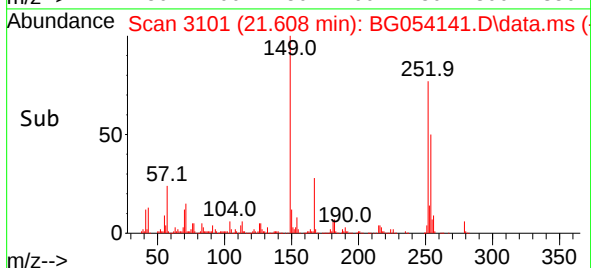
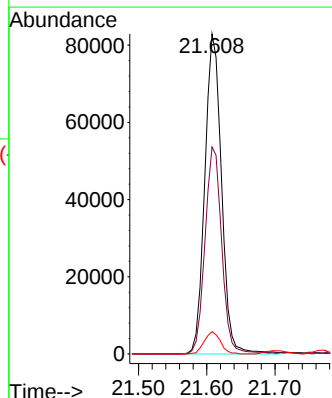
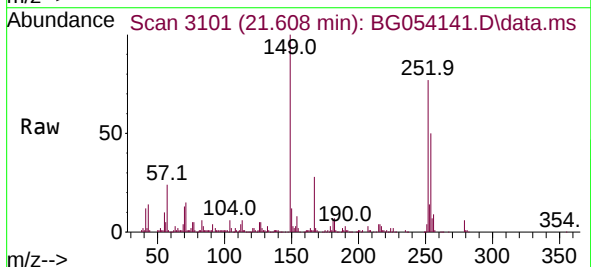
Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:228 Resp: 484242
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.5 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 37.992 ng
RT: 21.608 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:252 Resp: 141408
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.8
126 7.0 6.0 9.0





#83

Chrysene

Concen: 38.180 ng

RT: 21.766 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

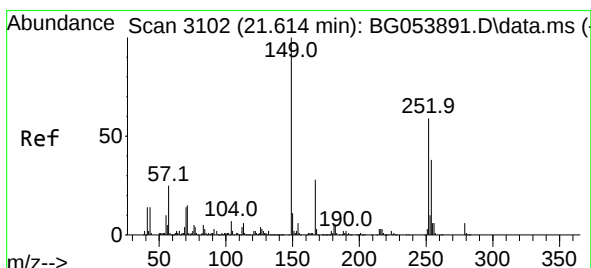
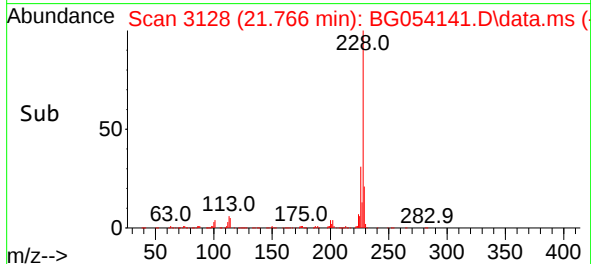
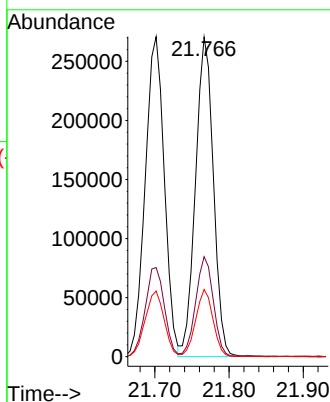
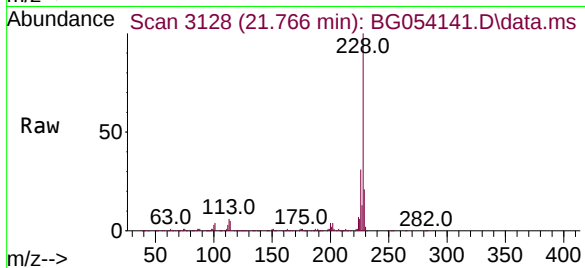
Tgt Ion:228 Resp: 453377

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

229 21.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.205 ng

RT: 21.602 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

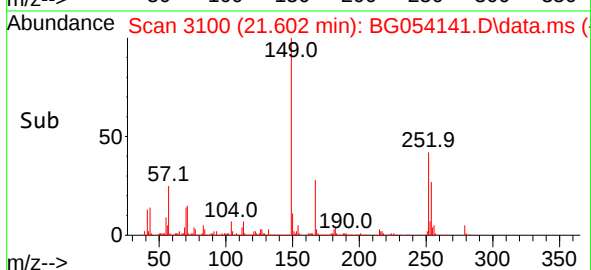
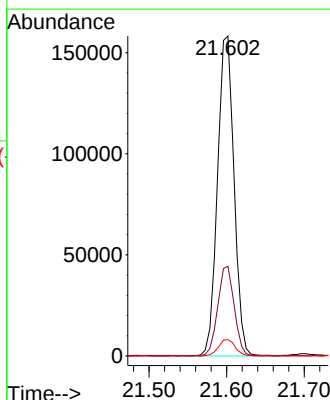
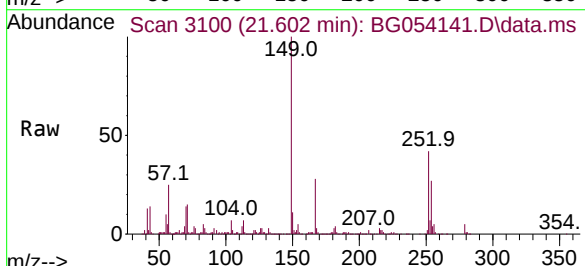
Tgt Ion:149 Resp: 235488

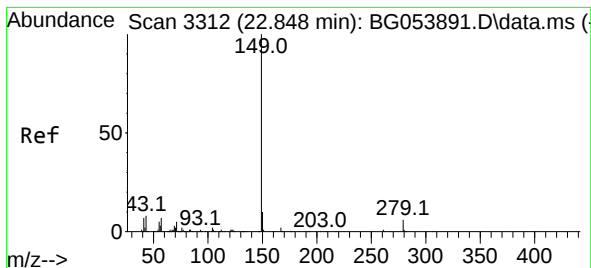
Ion Ratio Lower Upper

149 100

167 28.0 20.2 30.4

279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.429 ng

RT: 22.824 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

Instrument :

BNA_G

ClientSampleId :

PB145861BS

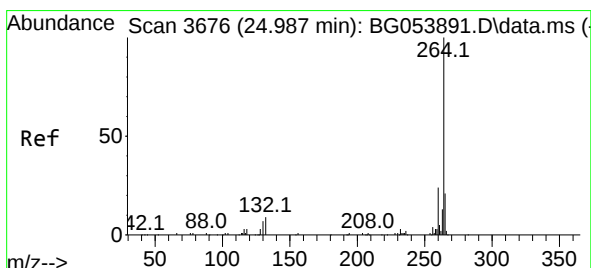
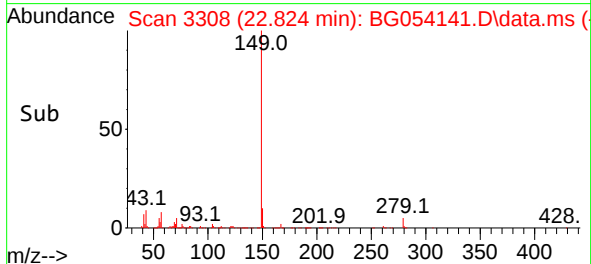
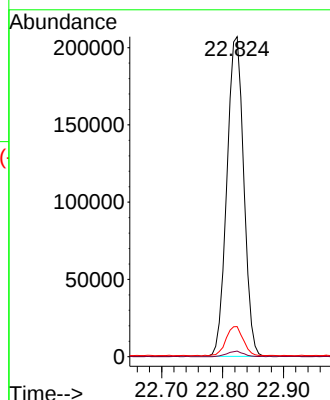
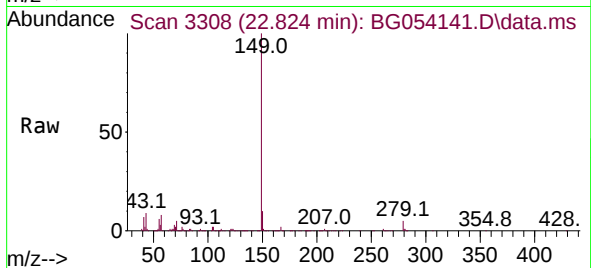
Tgt Ion:149 Resp: 397647

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3675

Delta R.T. 0.018 min

Lab File: BG054141.D

Acq: 29 Jun 2022 12:12

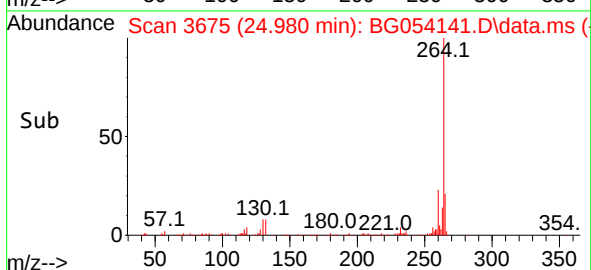
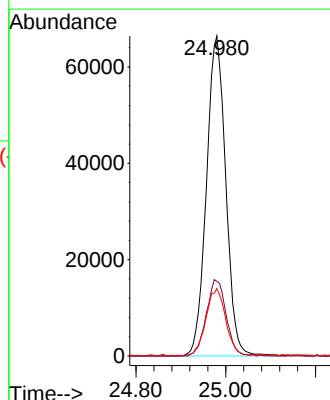
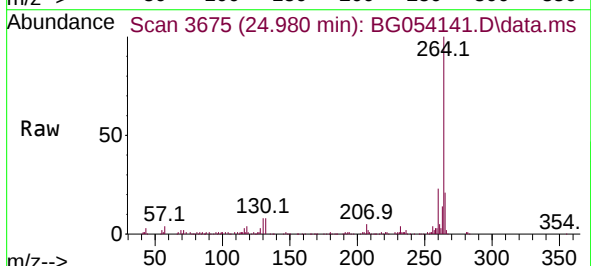
Tgt Ion:264 Resp: 198494

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.0 17.4 26.2

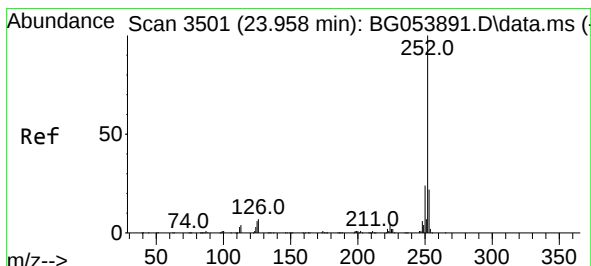
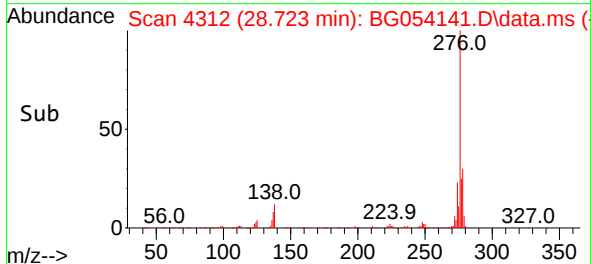
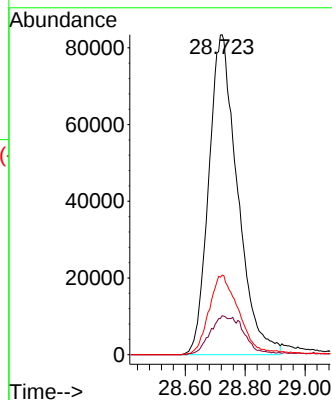
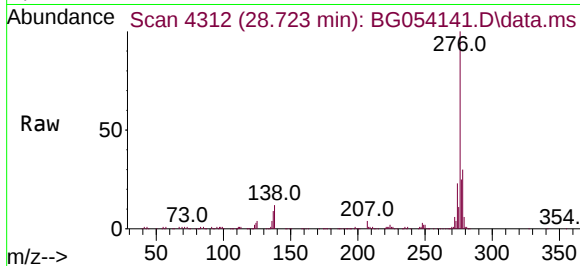




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.094 ng
 RT: 28.723 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: BG054141.D
 Acq: 29 Jun 2022 12:12

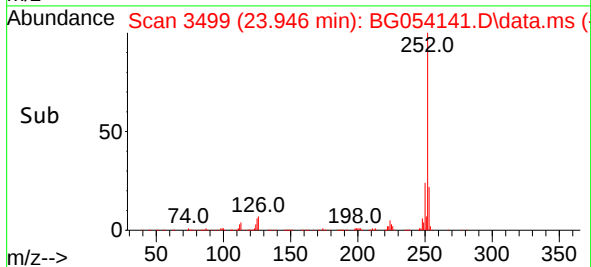
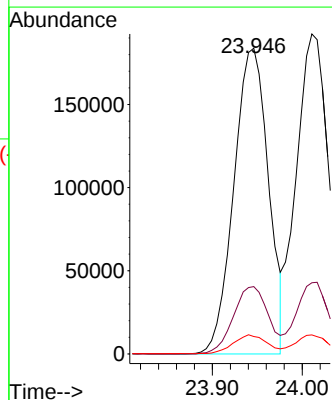
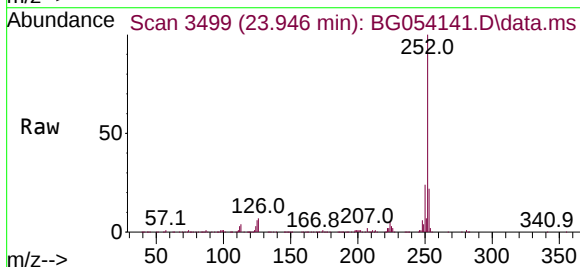
Instrument :
 BNA_G
 ClientSampleId :
 PB145861BS

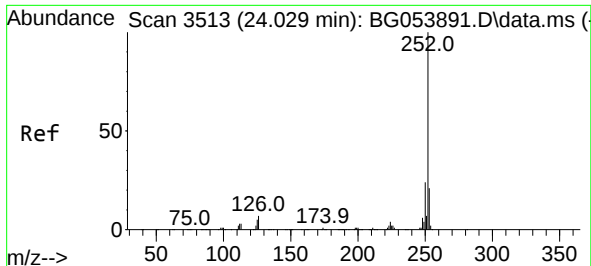
Tgt Ion:276 Resp: 555646
 Ion Ratio Lower Upper
 276 100
 138 14.2 5.0 7.4#
 277 26.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 40.710 ng
 RT: 23.946 min Scan# 3499
 Delta R.T. 0.012 min
 Lab File: BG054141.D
 Acq: 29 Jun 2022 12:12

Tgt Ion:252 Resp: 491325
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 5.7 4.6 6.8

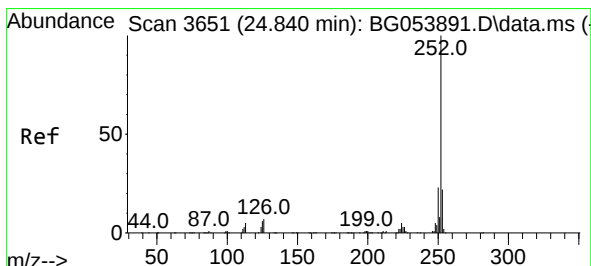
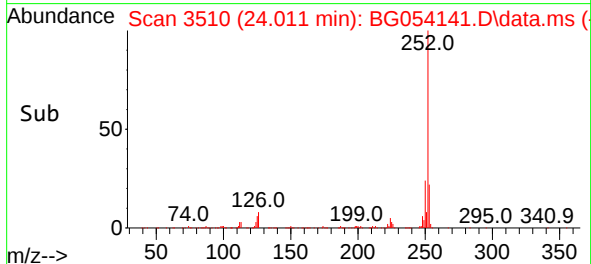
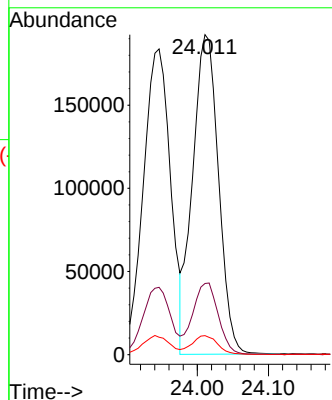
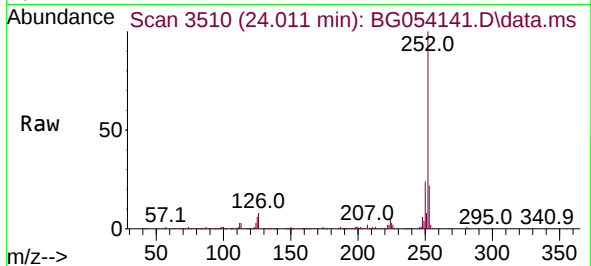




#89
Benzo(k)fluoranthene
Concen: 40.739 ng
RT: 24.011 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

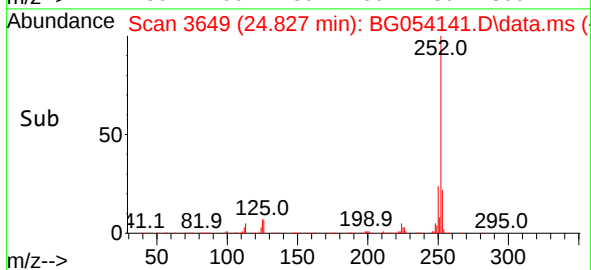
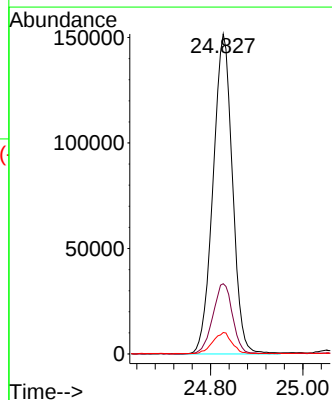
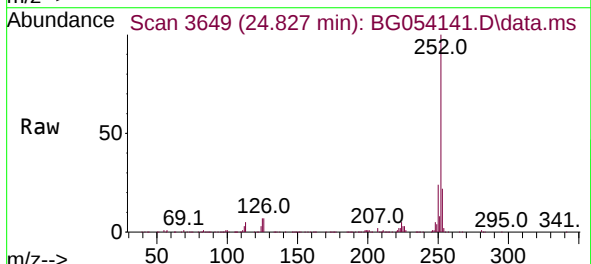
Instrument :
BNA_G
ClientSampleId :
PB145861BS

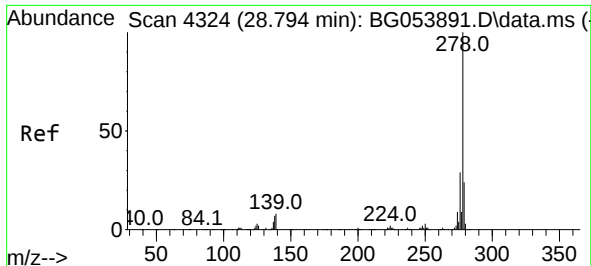
Tgt Ion:252 Resp: 486806
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.0 4.8 7.2



#90
Benzo(a)pyrene
Concen: 43.392 ng
RT: 24.827 min Scan# 3649
Delta R.T. 0.012 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:252 Resp: 441860
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.7 4.3 6.5#

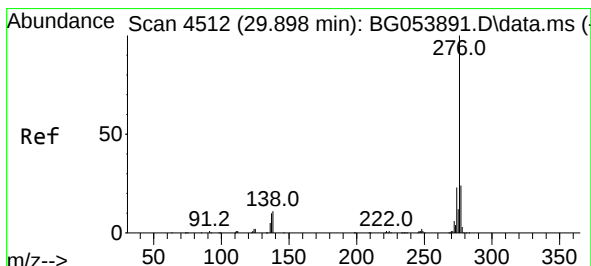
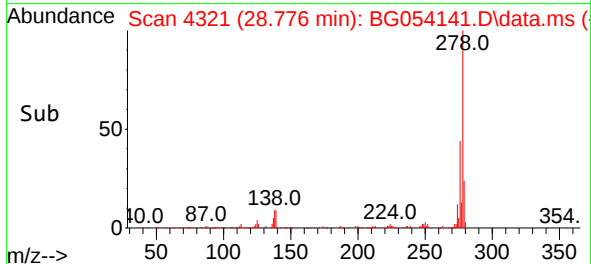
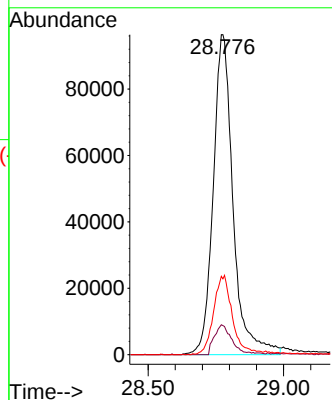
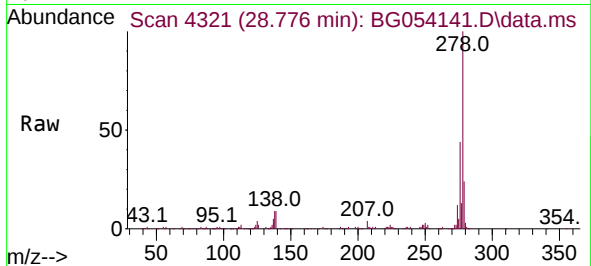




#91
Dibenzo(a,h)anthracene
Concen: 39.589 ng
RT: 28.776 min Scan# 41
Delta R.T. 0.030 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Instrument :
BNA_G
ClientSampleId :
PB145861BS

Tgt Ion:278 Resp: 490378
Ion Ratio Lower Upper
278 100
139 9.1 7.2 10.8
279 23.7 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 39.056 ng
RT: 29.880 min Scan# 4509
Delta R.T. 0.018 min
Lab File: BG054141.D
Acq: 29 Jun 2022 12:12

Tgt Ion:276 Resp: 477417
Ion Ratio Lower Upper
276 100
277 24.5 17.3 25.9
138 11.0 9.6 14.4

