

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
 Data File : BG053427.D
 Acq On : 4 May 2022 12:17
 Operator : CG/JU
 Sample : PB144537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144537BS

Quant Time: May 04 18:08:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 18:06:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	26502	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	108180	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77931	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	190313	20.000	ng	0.00
76) Chrysene-d12	21.757	240	190473	20.000	ng	0.00
86) Perylene-d12	25.046	264	203728	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	222272	143.768	ng	0.00
7) Phenol-d6	7.264	99	318786	133.710	ng	0.00
23) Nitrobenzene-d5	9.268	82	216372	81.211	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	150701	121.548	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	468305	82.862	ng	0.00
79) Terphenyl-d14	20.077	244	936376	83.027	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	31005	41.994	ng	# 91
3) Pyridine	3.945	79	75007	38.519	ng	# 87
4) n-Nitrosodimethylamine	3.857	42	48453	50.246	ng	88
6) Aniline	7.423	93	113183	40.963	ng	97
8) 2-Chlorophenol	7.670	128	82922	49.681	ng	96
9) Benzaldehyde	7.235	77	59049	41.434	ng	97
10) Phenol	7.294	94	115278	48.575	ng	91
11) bis(2-Chloroethyl)ether	7.511	93	78751	46.034	ng	88
12) 1,3-Dichlorobenzene	8.457	146	89167	45.974	ng	95
13) 1,4-Dichlorobenzene	8.134	146	91900	46.478	ng	97
14) 1,2-Dichlorobenzene	8.457	146	89247	46.806	ng	98
15) Benzyl Alcohol	8.339	79	96661	45.613	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.627	45	129238	45.250	ng	99
17) 2-Methylphenol	8.545	107	78610	48.950	ng	96
18) Hexachloroethane	9.185	117	33773	45.548	ng	97
19) n-Nitroso-di-n-propyla...	8.903	70	75585	43.304	ng	94
20) 3+4-Methylphenols	8.874	107	106378	46.924	ng	93
22) Acetophenone	8.921	105	130746	43.564	ng	94
24) Nitrobenzene	9.309	77	117767	45.444	ng	91
25) Isophorone	9.832	82	206140	45.520	ng	99
26) 2-Nitrophenol	10.020	139	47603	43.928	ng	# 90
27) 2,4-Dimethylphenol	10.078	122	81172	52.302	ng	91
28) bis(2-Chloroethoxy)met...	10.307	93	112227	44.112	ng	100
29) 2,4-Dichlorophenol	10.566	162	87862	45.033	ng	97
30) 1,2,4-Trichlorobenzene	10.777	180	94172	42.646	ng	97
31) Naphthalene	10.965	128	252866	43.812	ng	99
32) Benzoic acid	10.249	122	35090	35.743	ng	92
33) 4-Chloroaniline	11.071	127	78261	31.664	ng	96
34) Hexachlorobutadiene	11.247	225	69575	42.415	ng	98
35) Caprolactam	11.841	113	17304	25.161	ng	# 71
36) 4-Chloro-3-methylphenol	12.193	107	100823	44.387	ng	90
37) 2-Methylnaphthalene	12.563	142	182516	42.737	ng	96
38) 1-Methylnaphthalene	12.781	142	178200	42.747	ng	99
40) 1,2,4,5-Tetrachloroben...	12.927	216	117510	44.397	ng	98
41) Hexachlorocyclopentadiene	12.910	237	125121	91.574	ng	95
43) 2,4,6-Trichlorophenol	13.168	196	78529	43.032	ng	96

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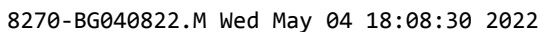
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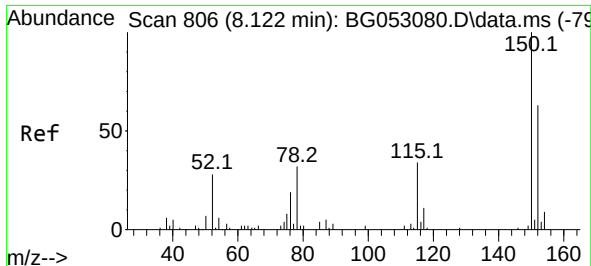
Quant Time: May 04 18:08:20 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	85594	44.015	ng	94
46) 1,1'-Biphenyl	13.562	154	249805	44.512	ng	99
47) 2-Chloronaphthalene	13.609	162	197255	44.055	ng	97
48) 2-Nitroaniline	13.809	65	76786	45.190	ng	96
49) Acenaphthylene	14.449	152	333662	47.605	ng	98
50) Dimethylphthalate	14.173	163	273767	43.921	ng	98
51) 2,6-Dinitrotoluene	14.296	165	59487	45.746	ng	# 81
52) Acenaphthene	14.790	154	185509	39.029	ng	95
53) 3-Nitroaniline	14.631	138	47674	34.672	ng	94
54) 2,4-Dinitrophenol	14.842	184	64874	78.407	ng	# 91
55) Dibenzofuran	15.124	168	320177	43.019	ng	99
56) 4-Nitrophenol	14.948	139	88936	84.807	ng	# 75
57) 2,4-Dinitrotoluene	15.089	165	84793	45.801	ng	90
58) Fluorene	15.771	166	266570	44.346	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.354	232	81614	43.216	ng	98
60) Diethylphthalate	15.530	149	284563	43.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	146225	42.912	ng	96
62) 4-Nitroaniline	15.794	138	63717	43.914	ng	# 81
63) Azobenzene	16.053	77	286067	43.445	ng	97
65) 4,6-Dinitro-2-methylph...	15.853	198	50308	37.889	ng	90
66) n-Nitrosodiphenylamine	15.976	169	240333	43.914	ng	98
67) 4-Bromophenyl-phenylether	16.652	248	103248	42.340	ng	94
68) Hexachlorobenzene	16.787	284	116111	43.967	ng	97
69) Atrazine	16.916	200	103327	48.334	ng	93
70) Pentachlorophenol	17.128	266	118647	82.205	ng	91
71) Phenanthrene	17.515	178	460161	44.266	ng	97
72) Anthracene	17.603	178	461987	44.860	ng	99
73) Carbazole	17.874	167	426846	42.639	ng	99
74) Di-n-butylphthalate	18.420	149	499736	44.016	ng	98
75) Fluoranthene	19.518	202	596494	44.765	ng	100
77) Benzidine	19.695	184	283417	52.151	ng	99
78) Pyrene	19.883	202	589389	43.448	ng	99
80) Butylbenzylphthalate	20.758	149	221516	43.800	ng	98
81) Benzo(a)anthracene	21.739	228	586126	45.006	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	166190	34.699	ng	98
83) Chrysene	21.804	228	531683	43.990	ng	98
84) Bis(2-ethylhexyl)phtha...	21.622	149	316936	46.362	ng	98
85) Di-n-octyl phthalate	22.855	149	539349	47.174	ng	96
87) Indeno(1,2,3-cd)pyrene	28.829	276	665314	43.956	ng	98
88) Benzo(b)fluoranthene	24.001	252	616796	47.985	ng	99
89) Benzo(k)fluoranthene	24.071	252	582343	46.096	ng	100
90) Benzo(a)pyrene	24.894	252	594759	54.313	ng	98
91) Dibenzo(a,h)anthracene	28.882	278	568764	45.656	ng	97
92) Benzo(g,h,i)perylene	29.998	276	571032	46.506	ng	99

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

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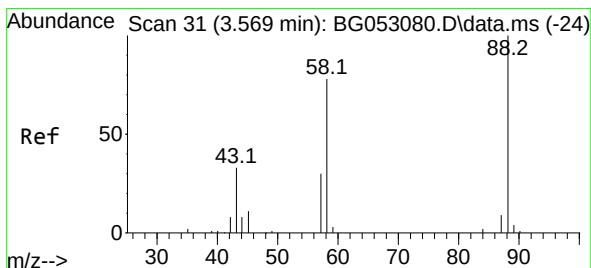
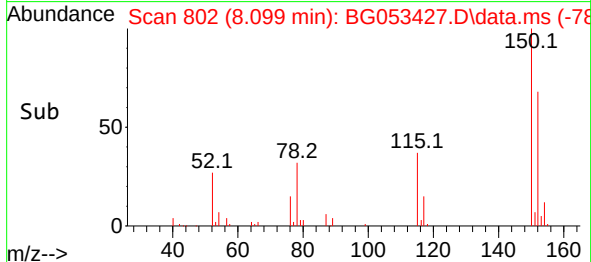
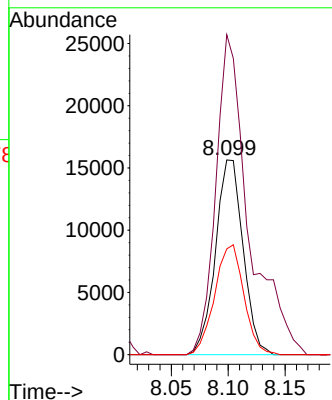
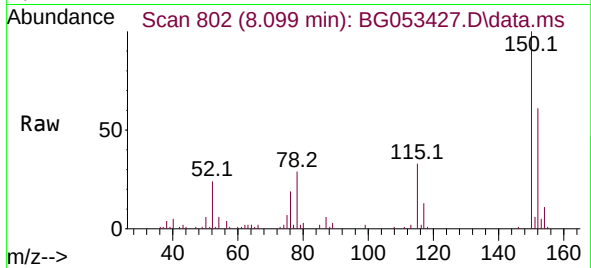




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.099 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

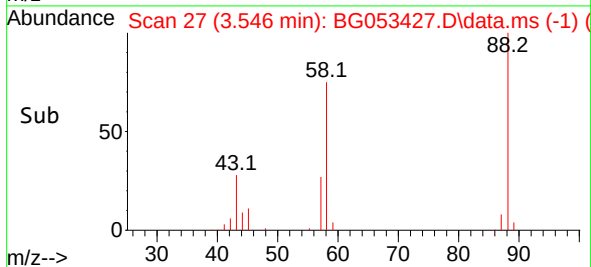
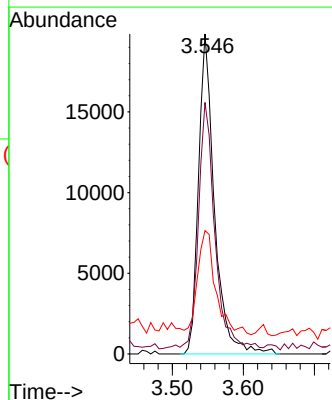
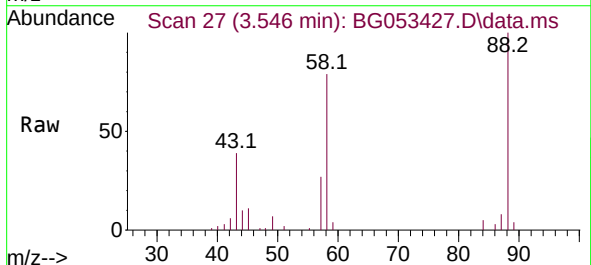
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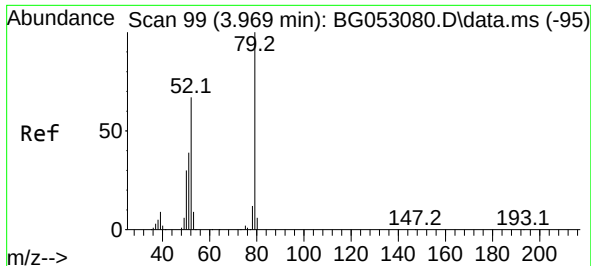
Tgt Ion:152 Resp: 26502
 Ion Ratio Lower Upper
 152 100
 150 164.3 114.6 172.0
 115 54.3 45.9 68.9



#2
 1,4-Dioxane
 Concen: 41.994 ng
 RT: 3.546 min Scan# 27
 Delta R.T. -0.010 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Tgt Ion: 88 Resp: 31005
 Ion Ratio Lower Upper
 88 100
 58 78.6 58.2 87.2
 43 36.9 23.4 35.0#

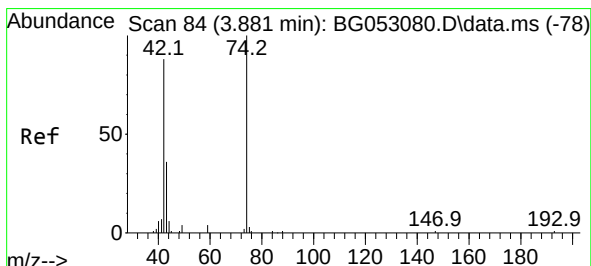
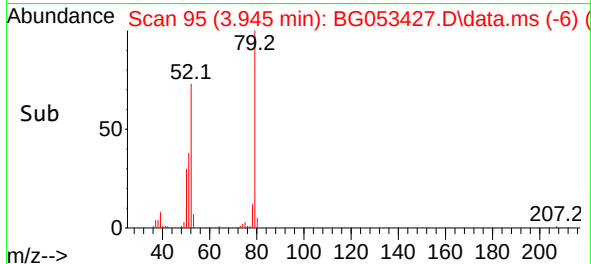
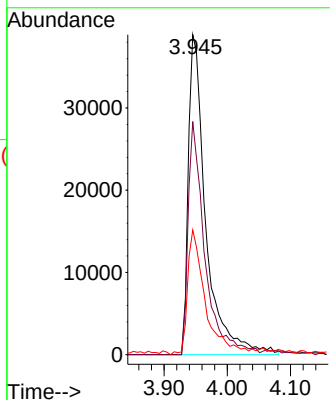
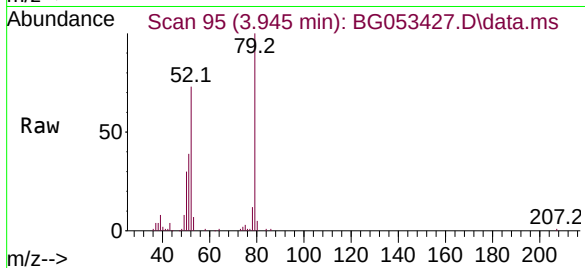




#3
 Pyridine
 Concen: 38.519 ng
 RT: 3.945 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

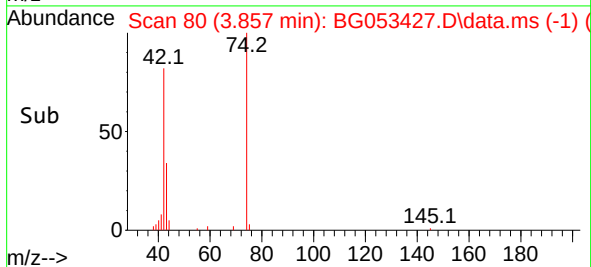
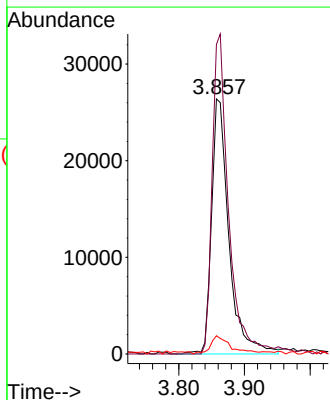
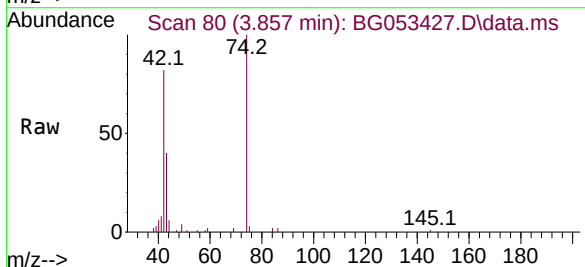
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 ClientSampleId :
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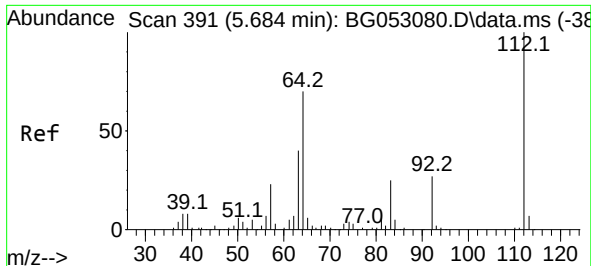
Tgt Ion: 79 Resp: 75007
 Ion Ratio Lower Upper
 79 100
 52 72.8 50.9 76.3
 51 38.9 24.4 36.6#



#4
 n-Nitrosodimethylamine
 Concen: 50.246 ng
 RT: 3.857 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Tgt Ion: 42 Resp: 48453
 Ion Ratio Lower Upper
 42 100
 74 121.4 108.9 163.3
 44 7.2 5.7 8.5

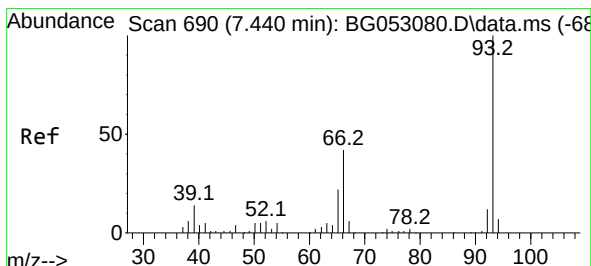
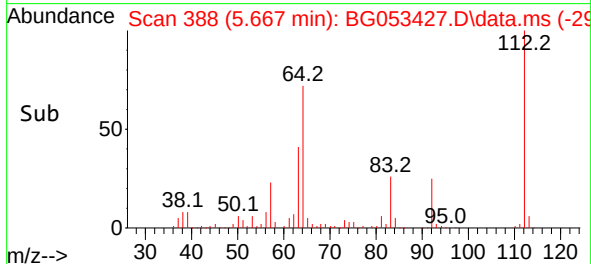
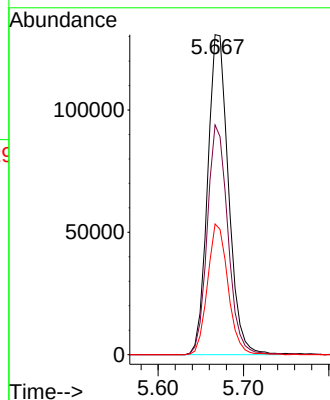
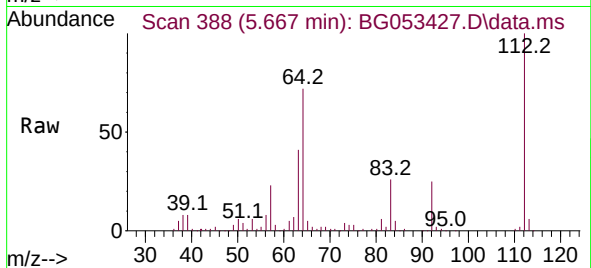




#5
2-Fluorophenol
Concen: 143.768 ng
RT: 5.667 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

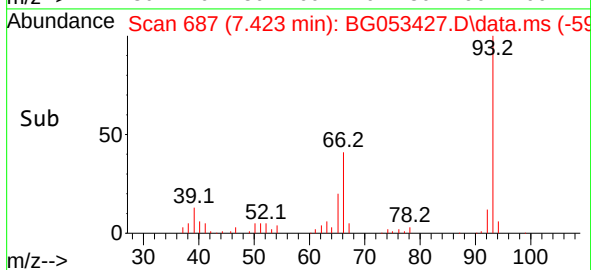
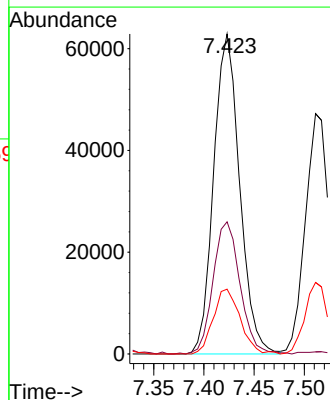
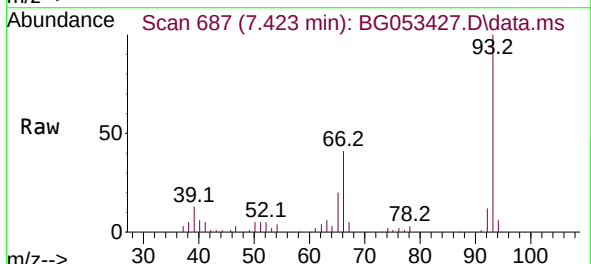
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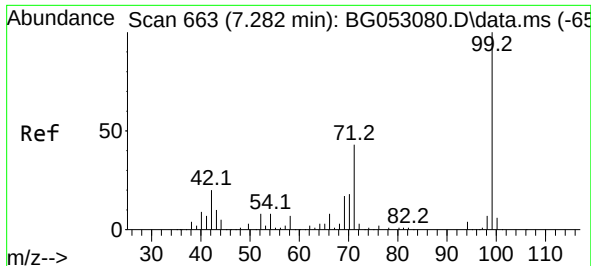
Tgt Ion:112 Resp: 222272
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 40.9 26.5 39.7#



#6
Aniline
Concen: 40.963 ng
RT: 7.423 min Scan# 687
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 93 Resp: 113183
Ion Ratio Lower Upper
93 100
66 41.3 31.3 46.9
65 20.2 16.7 25.1

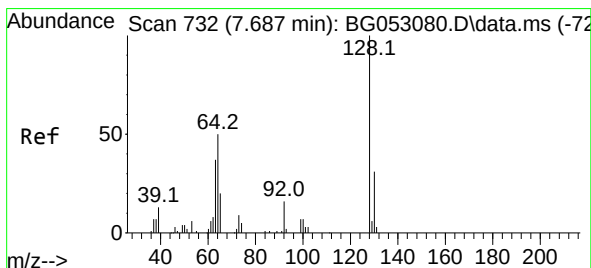
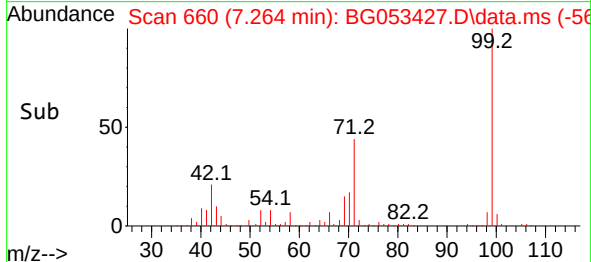
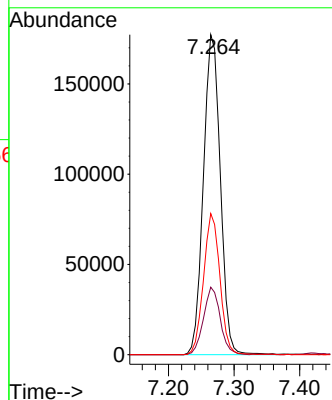
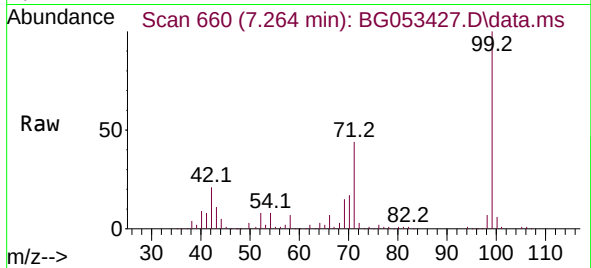




#7
Phenol-d6
Concen: 133.710 ng
RT: 7.264 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

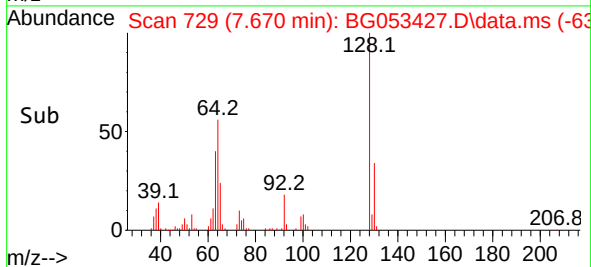
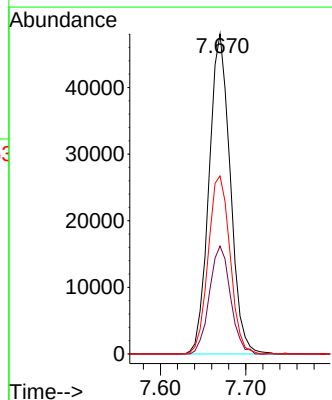
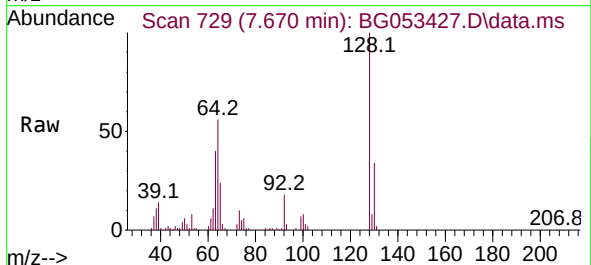
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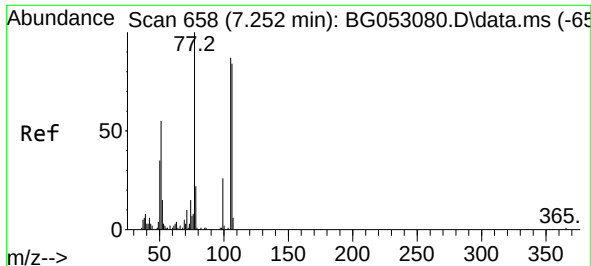
Tgt Ion: 99 Resp: 318786
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 44.1 29.2 43.8#



#8
2-Chlorophenol
Concen: 49.681 ng
RT: 7.670 min Scan# 729
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:128 Resp: 82922
Ion Ratio Lower Upper
128 100
130 33.7 13.4 53.4
64 55.7 30.9 70.9

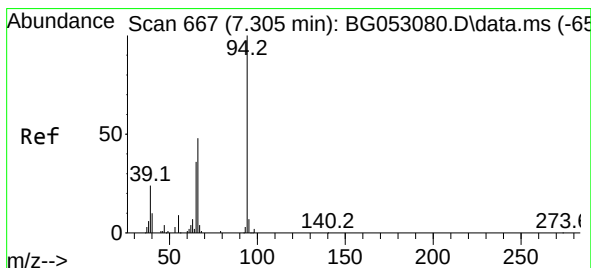
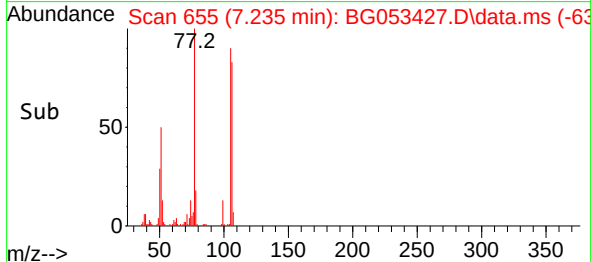
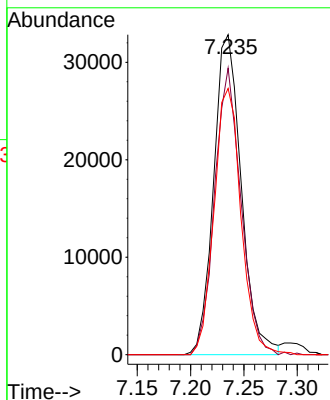
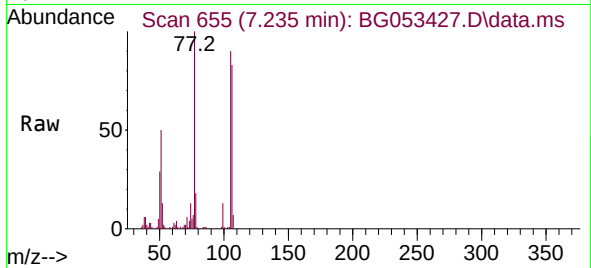




#9
Benzaldehyde
Concen: 41.434 ng
RT: 7.235 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

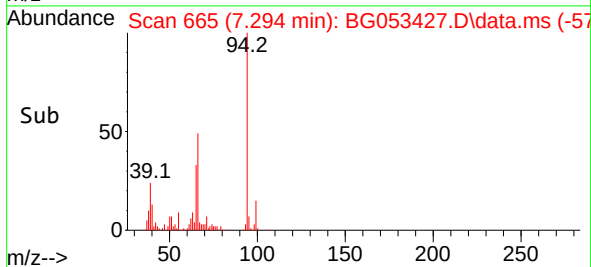
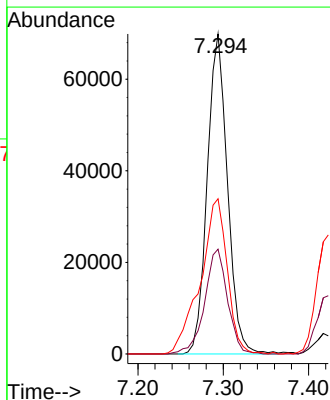
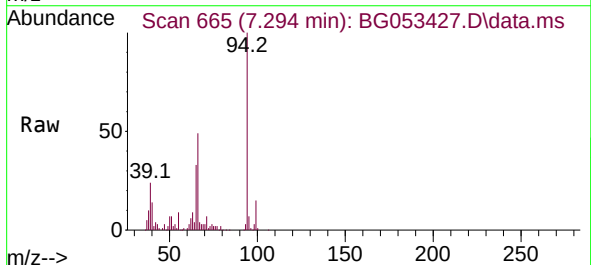
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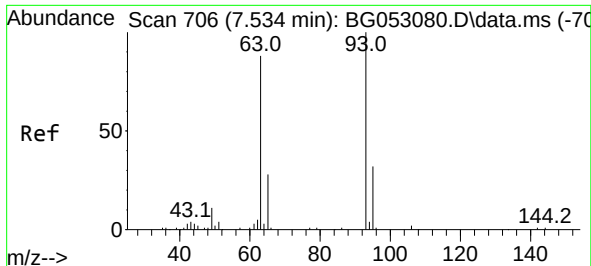
Tgt Ion: 77 Resp: 59049
Ion Ratio Lower Upper
77 100
105 89.6 70.6 110.6
106 83.2 67.6 107.6



#10
Phenol
Concen: 48.575 ng
RT: 7.294 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 94 Resp: 115278
Ion Ratio Lower Upper
94 100
65 32.8 11.1 51.1
66 48.5 20.0 60.0

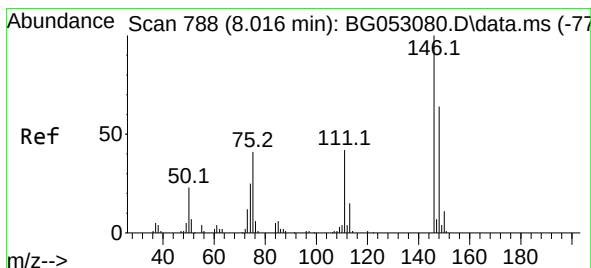
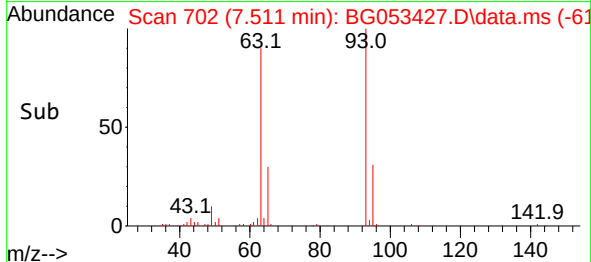
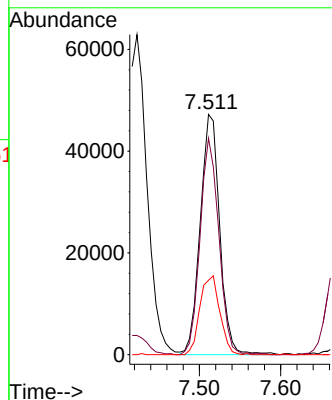
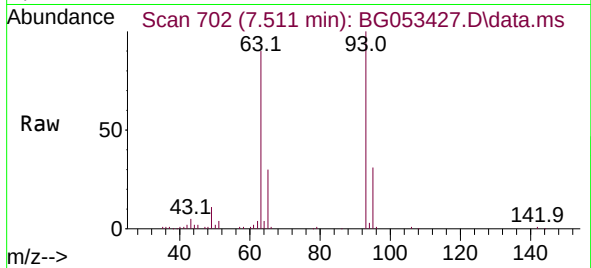




#11
bis(2-Chloroethyl)ether
Concen: 46.034 ng
RT: 7.511 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

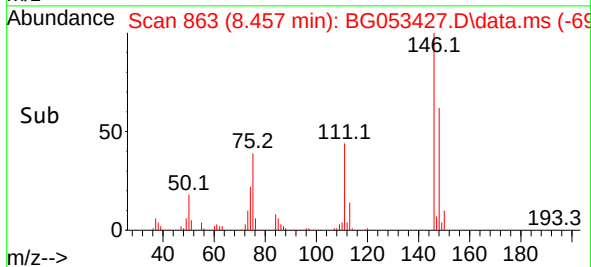
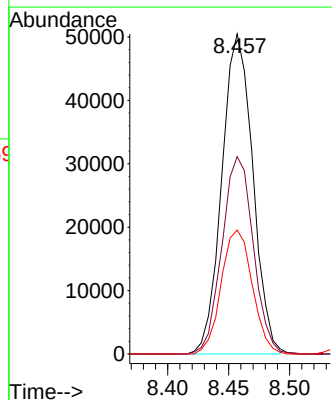
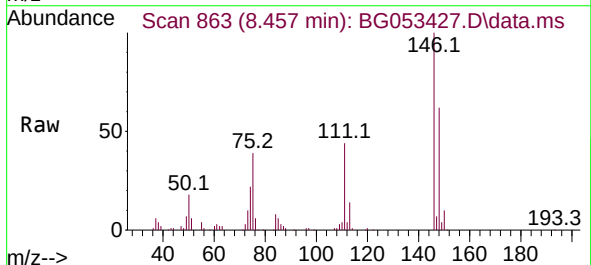
Instrument :
BNA_G
ClientSampleId :
PB144537BS

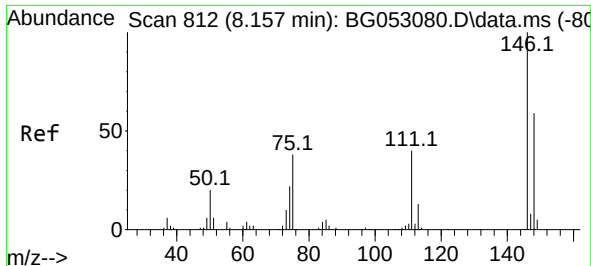
Tgt Ion: 93 Resp: 78751
Ion Ratio Lower Upper
93 100
63 90.1 56.9 96.9
95 30.9 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 45.974 ng
RT: 8.457 min Scan# 863
Delta R.T. 0.466 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:146 Resp: 89167
Ion Ratio Lower Upper
146 100
148 61.6 50.6 76.0
75 38.7 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 46.478 ng

RT: 8.134 min Scan# 80

Delta R.T. -0.004 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

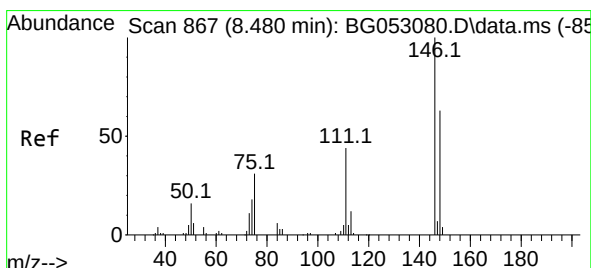
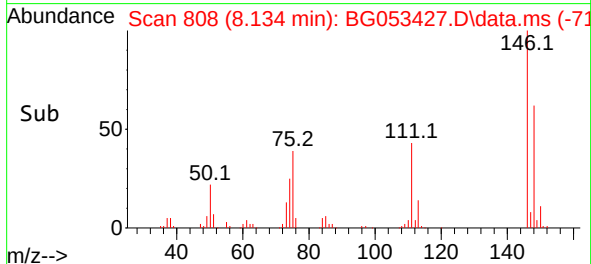
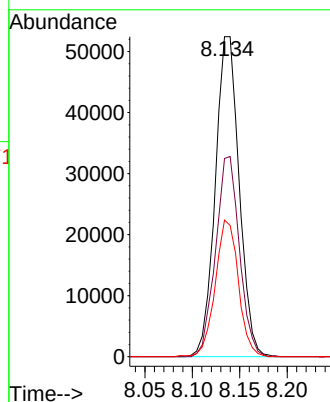
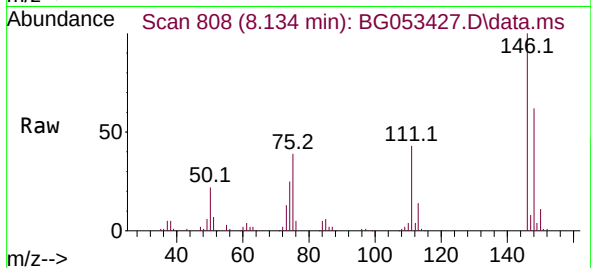
Tgt Ion:146 Resp: 91900

Ion Ratio Lower Upper

146 100

148 62.0 50.0 75.0

111 42.7 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 46.806 ng

RT: 8.457 min Scan# 863

Delta R.T. -0.004 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

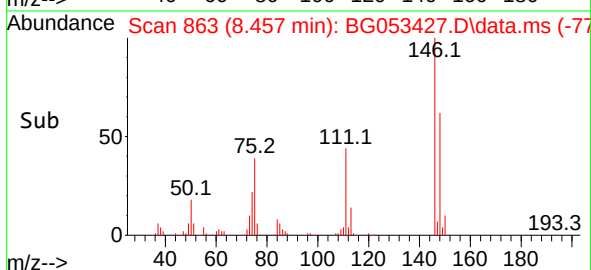
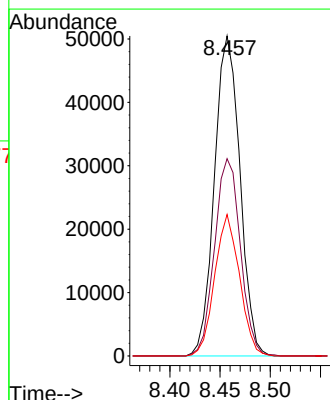
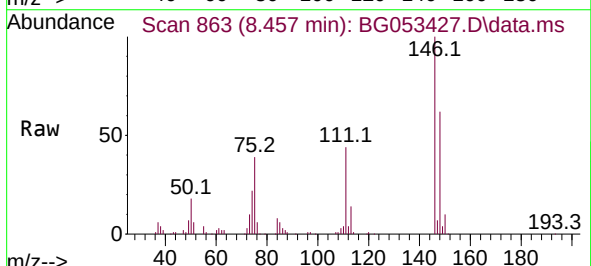
Tgt Ion:146 Resp: 89247

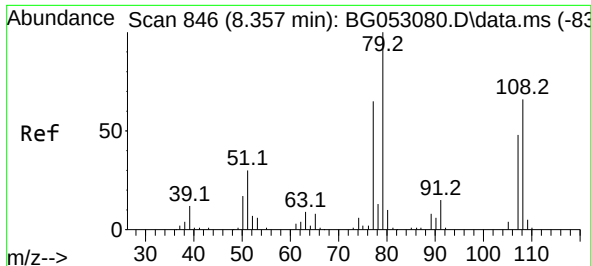
Ion Ratio Lower Upper

146 100

148 61.6 51.0 76.6

111 44.2 34.7 52.1

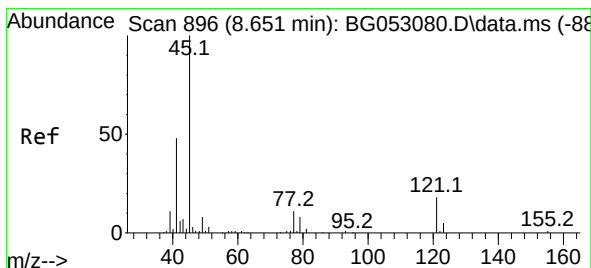
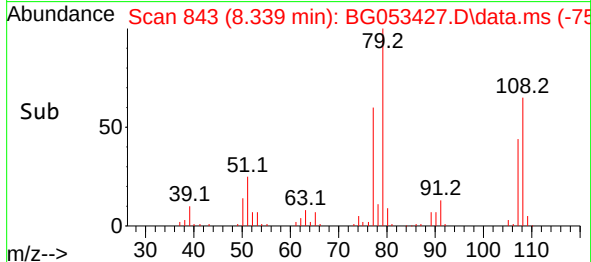
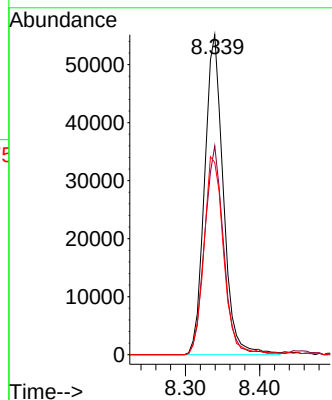
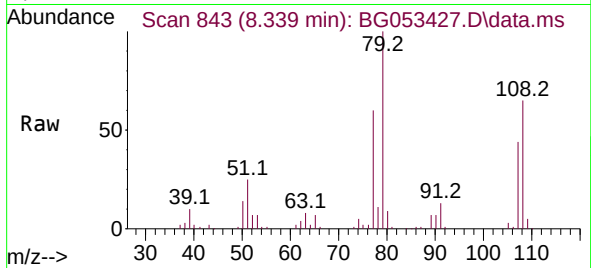




#15
Benzyl Alcohol
Concen: 45.613 ng
RT: 8.339 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

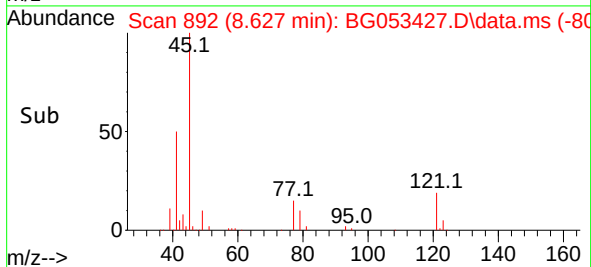
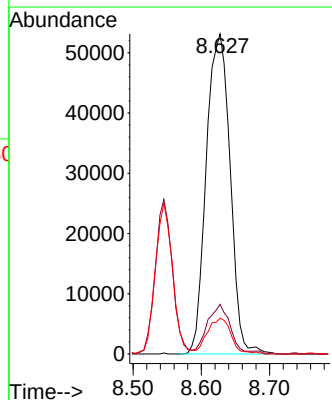
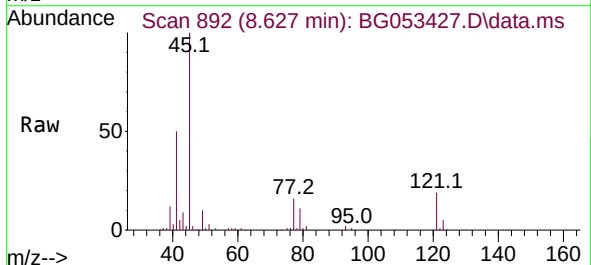
Instrument :
BNA_G
ClientSampleId :
PB144537BS

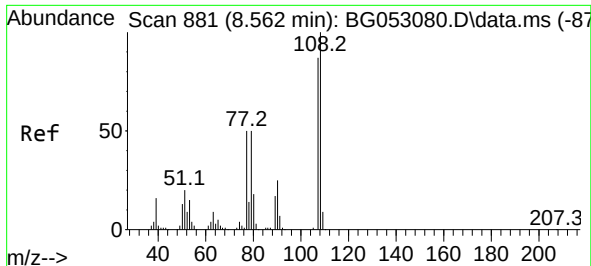
Tgt Ion: 79 Resp: 96661
Ion Ratio Lower Upper
79 100
108 65.3 55.1 82.7
77 60.0 52.4 78.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.250 ng
RT: 8.627 min Scan# 892
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

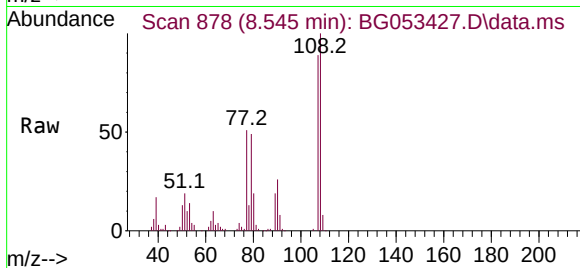
Tgt Ion: 45 Resp: 129238
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.9
79 11.2 0.0 30.7



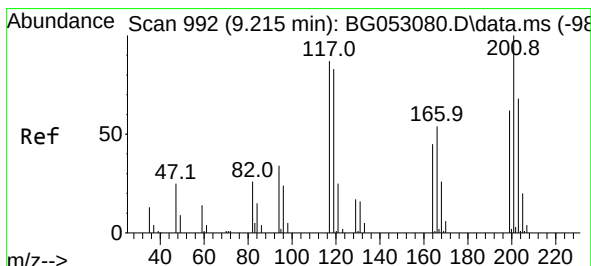
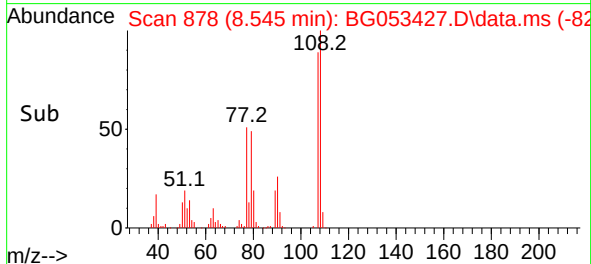
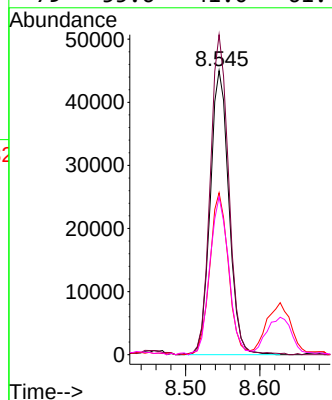


#17
2-Methylphenol
Concen: 48.950 ng
RT: 8.545 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :
BNA_G
ClientSampleId :
PB144537BS

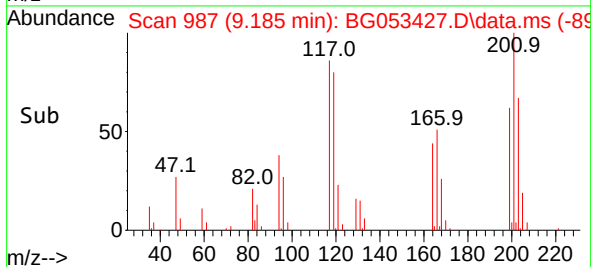
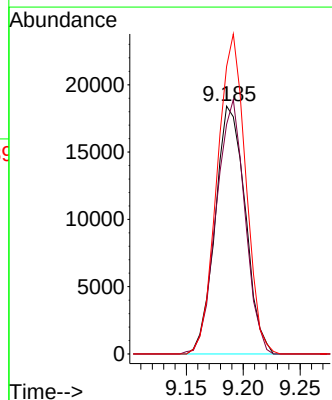
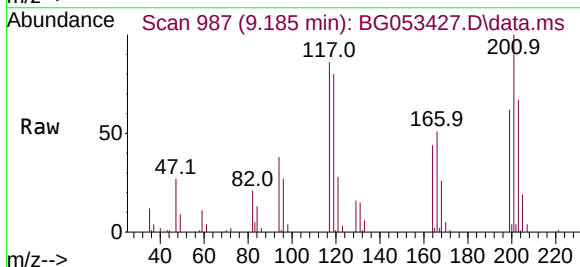


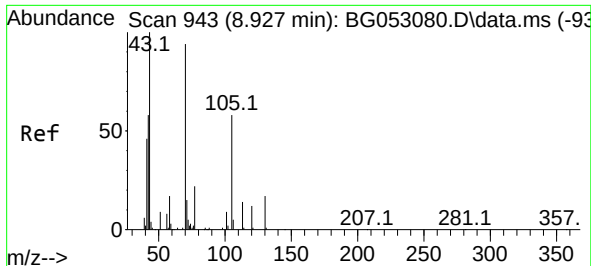
Tgt Ion:	107	Resp:	78610
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.5	137.3
77	57.0	42.5	63.7
79	55.6	41.0	61.4



#18
Hexachloroethane
Concen: 45.548 ng
RT: 9.185 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:	117	Resp:	33773
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.1	112.7
201	116.0	96.6	145.0

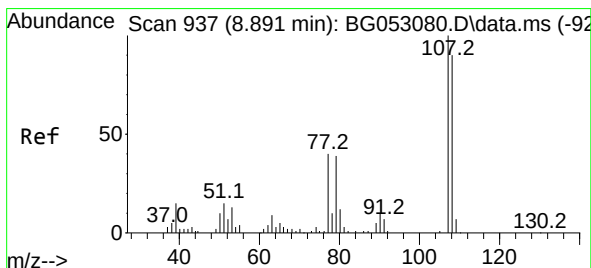
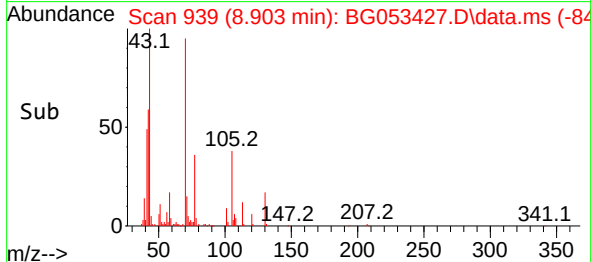
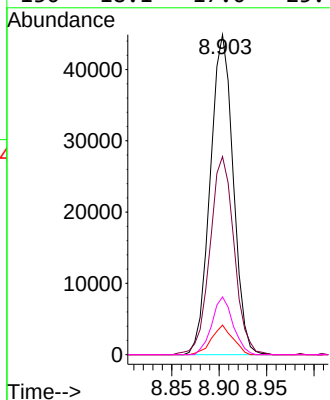
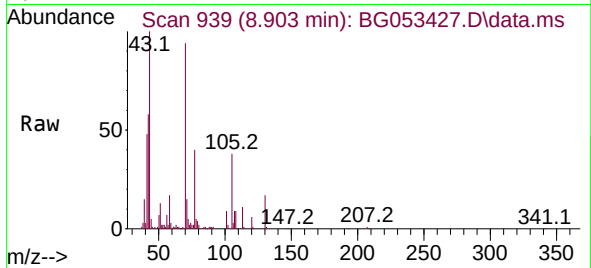




#19
n-Nitroso-di-n-propylamine
Concen: 43.304 ng
RT: 8.903 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

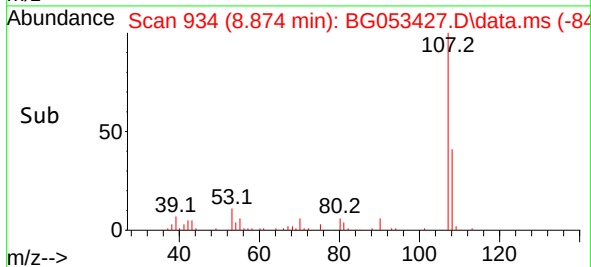
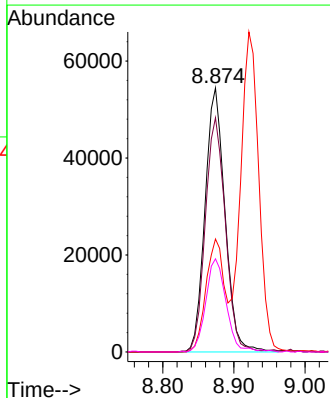
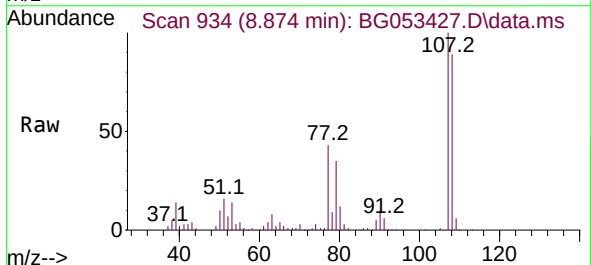
Instrument :
BNA_G
ClientSampleId :
PB144537BS

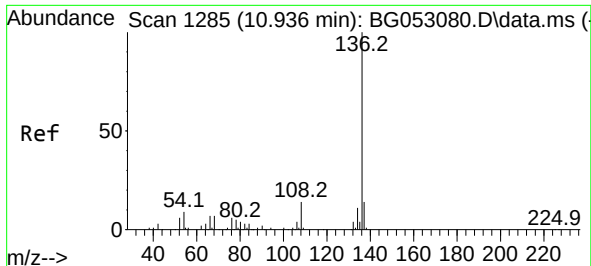
Tgt Ion: 70 Resp: 75585
Ion Ratio Lower Upper
70 100
42 61.9 46.0 69.0
101 9.3 6.2 9.4
130 18.1 17.0 25.4



#20
3+4-Methylphenols
Concen: 46.924 ng
RT: 8.874 min Scan# 934
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 107 Resp: 106378
Ion Ratio Lower Upper
107 100
108 88.7 64.8 104.8
77 42.8 15.9 55.9
79 35.3 11.5 51.5



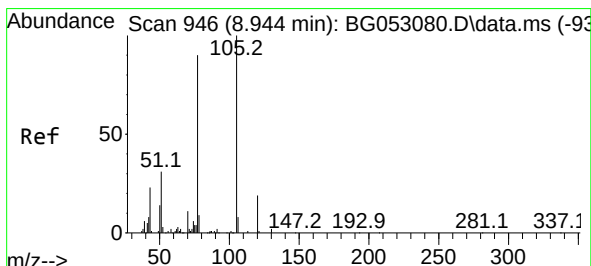
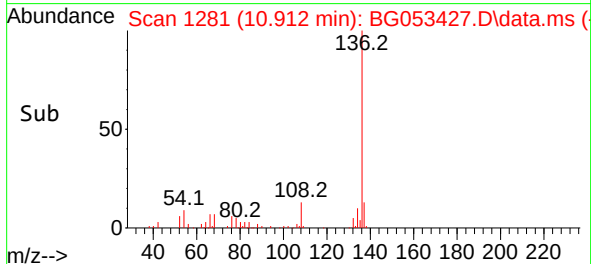
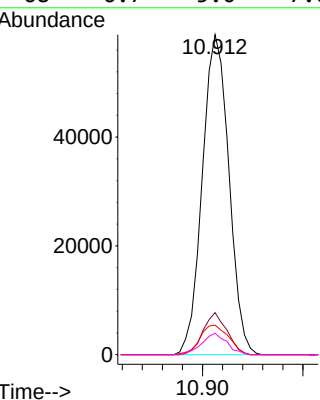
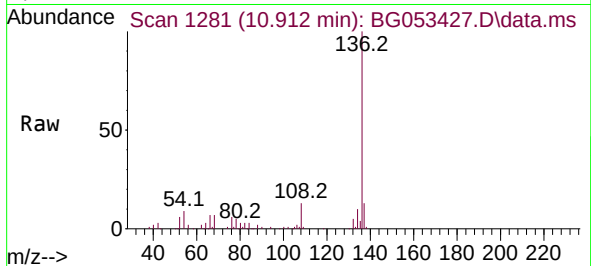


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :
BNA_G
ClientSampleId :
PB144537BS

Tgt Ion:136 Resp: 108180

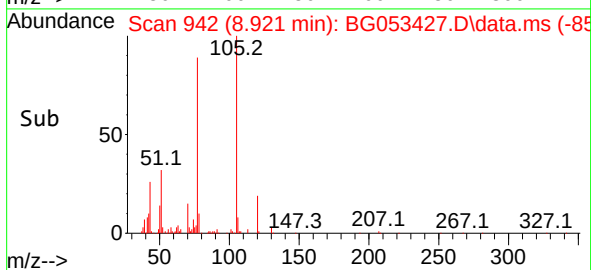
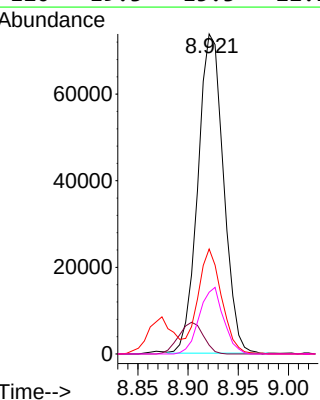
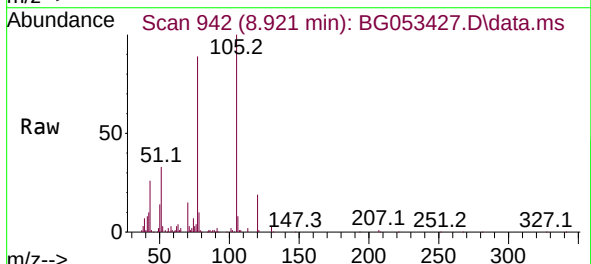
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.4	14.2
54	9.2	6.4	9.6
68	6.7	5.0	7.6

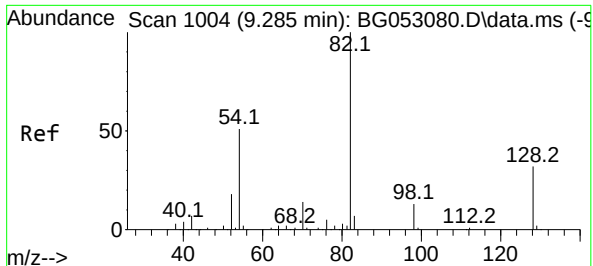


#22
Acetophenone
Concen: 43.564 ng
RT: 8.921 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:105 Resp: 130746

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.1	3.1
51	32.8	21.9	32.9
120	19.3	15.3	22.9

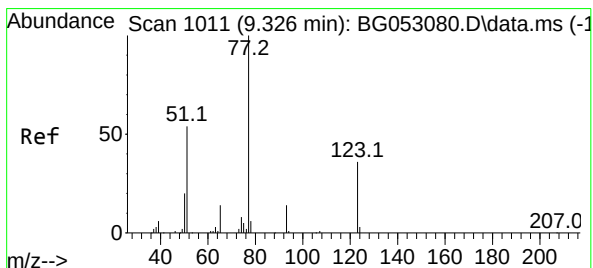
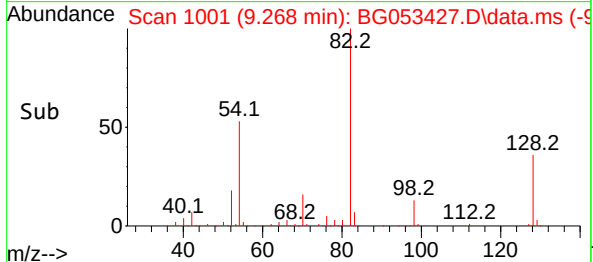
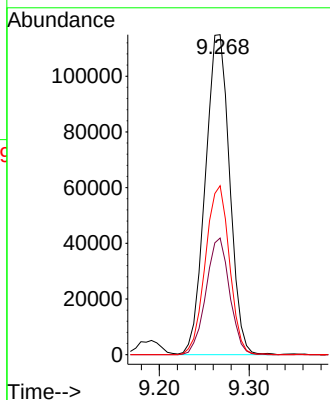
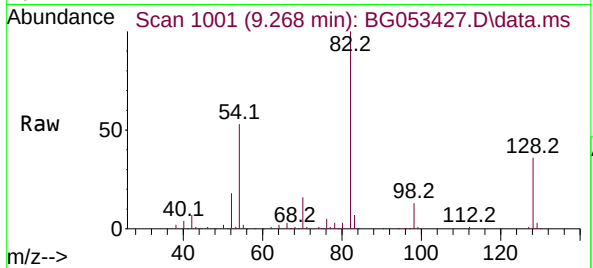




#23
Nitrobenzene-d5
Concen: 81.211 ng
RT: 9.268 min Scan# 1000
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

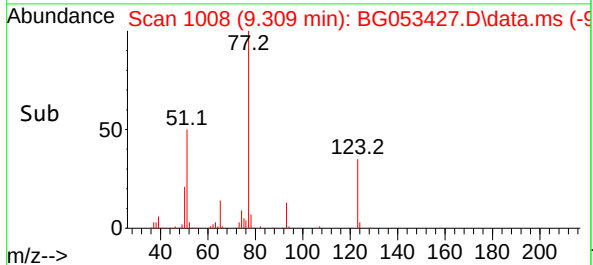
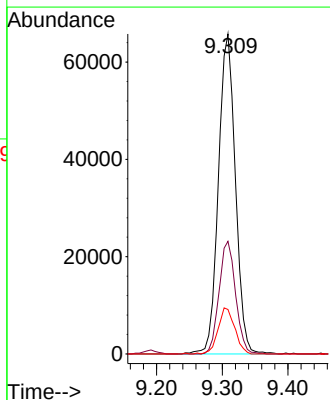
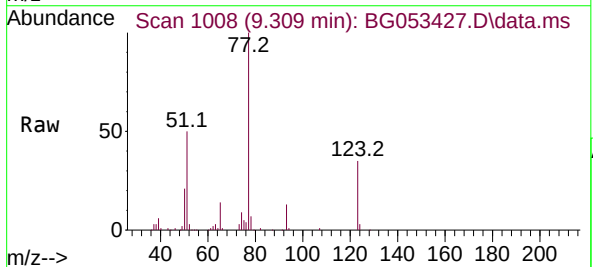
Instrument :
BNA_G
ClientSampleId :
PB144537BS

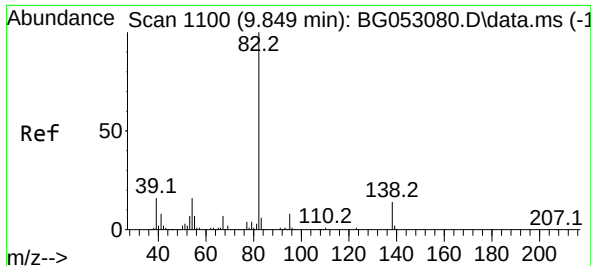
Tgt Ion: 82 Resp: 216372
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 52.8 37.8 56.8



#24
Nitrobenzene
Concen: 45.444 ng
RT: 9.309 min Scan# 1008
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 77 Resp: 117767
Ion Ratio Lower Upper
77 100
123 35.2 34.4 51.6
65 13.9 11.2 16.8

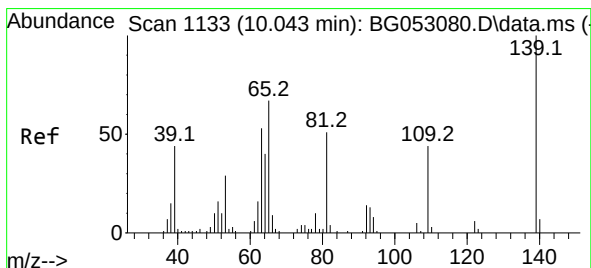
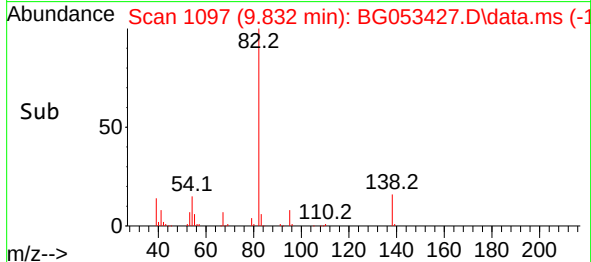
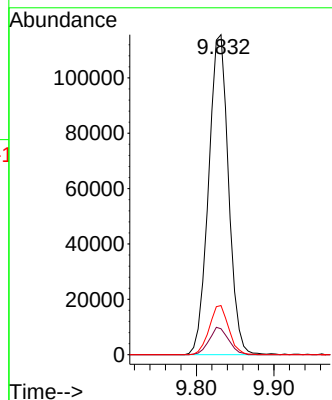
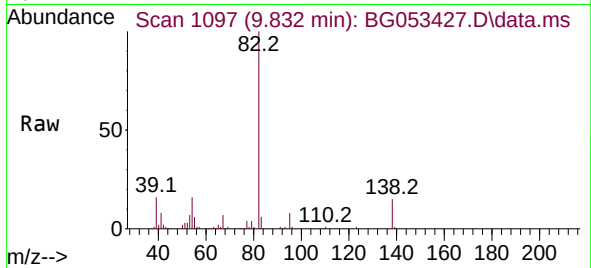




#25
Isophorone
Concen: 45.520 ng
RT: 9.832 min Scan# 1100
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

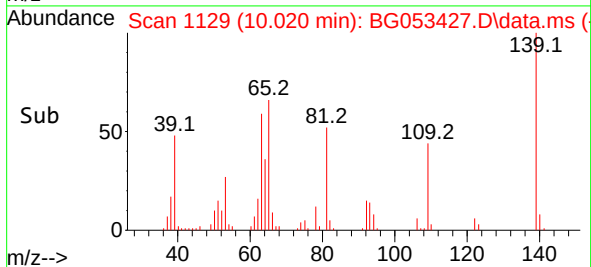
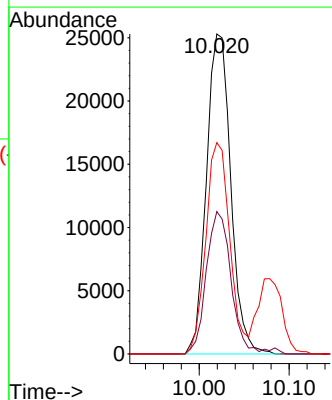
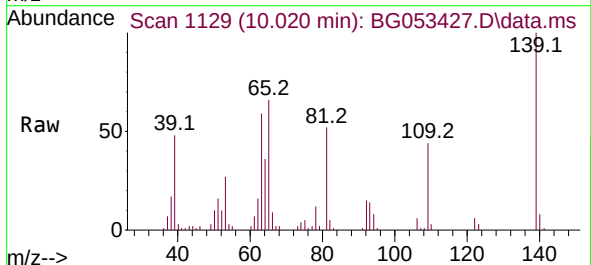
Instrument :
BNA_G
ClientSampleId :
PB144537BS

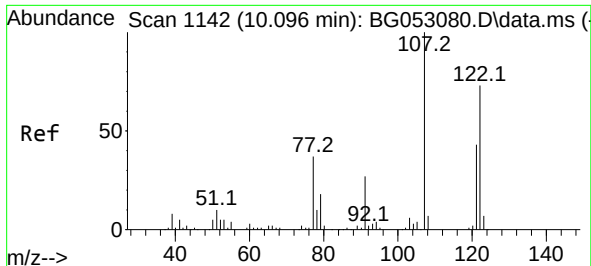
Tgt Ion: 82 Resp: 206140
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 15.3 12.6 18.8



#26
2-Nitrophenol
Concen: 43.928 ng
RT: 10.020 min Scan# 1129
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 139 Resp: 47603
Ion Ratio Lower Upper
139 100
109 44.5 29.4 44.0#
65 66.1 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 52.302 ng

RT: 10.078 min Scan# 1142

Delta R.T. -0.004 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

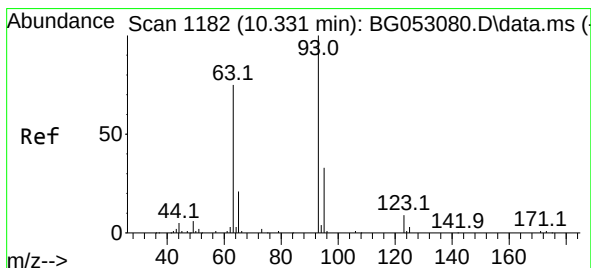
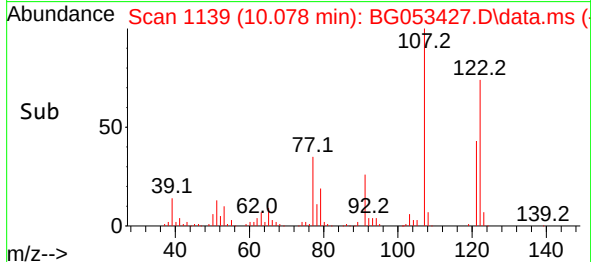
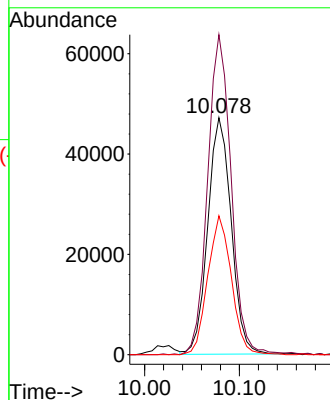
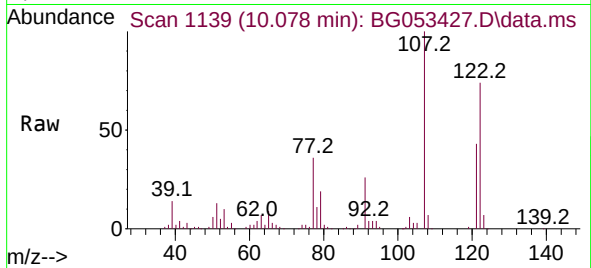
Tgt Ion:122 Resp: 81172

Ion Ratio Lower Upper

122 100

107 135.0 96.7 145.1

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.112 ng

RT: 10.307 min Scan# 1178

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

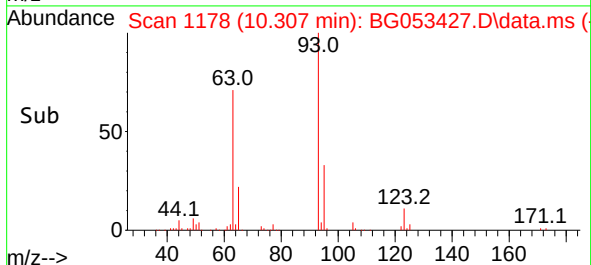
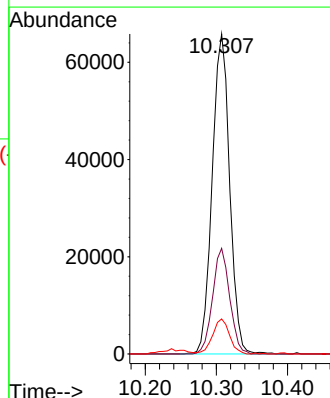
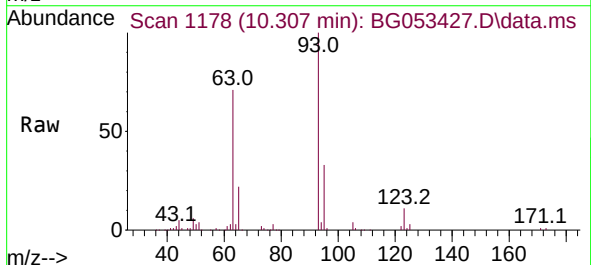
Tgt Ion: 93 Resp: 112227

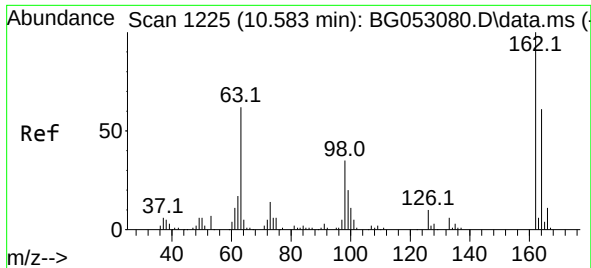
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 10.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 45.033 ng

RT: 10.566 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

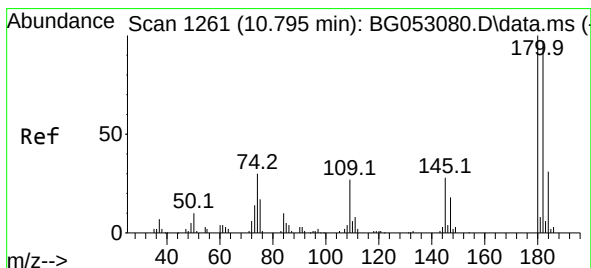
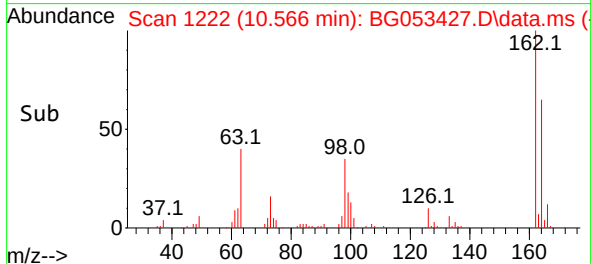
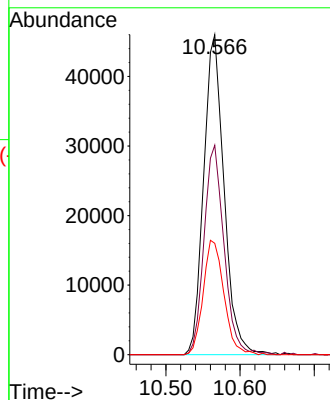
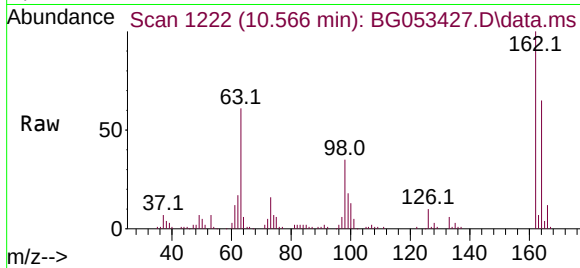
Tgt Ion:162 Resp: 87862

Ion Ratio Lower Upper

162 100

164 65.5 44.0 84.0

98 34.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 42.646 ng

RT: 10.777 min Scan# 1258

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

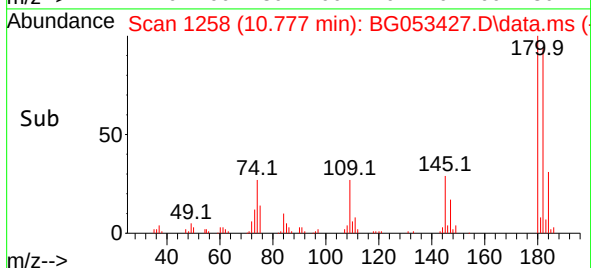
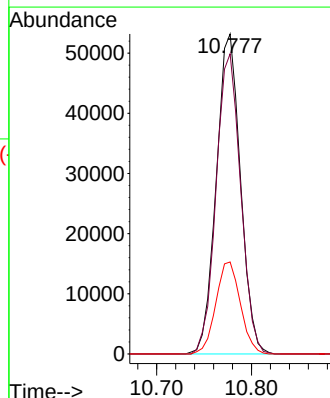
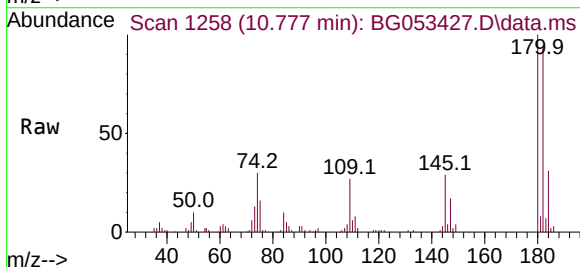
Tgt Ion:180 Resp: 94172

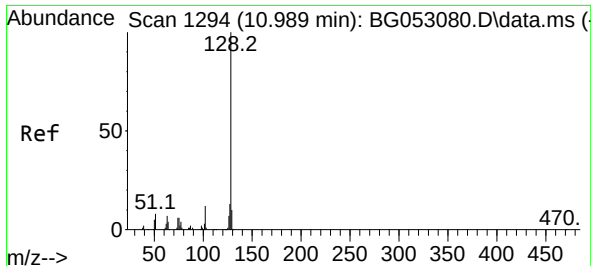
Ion Ratio Lower Upper

180 100

182 93.8 77.8 116.6

145 28.8 24.4 36.6

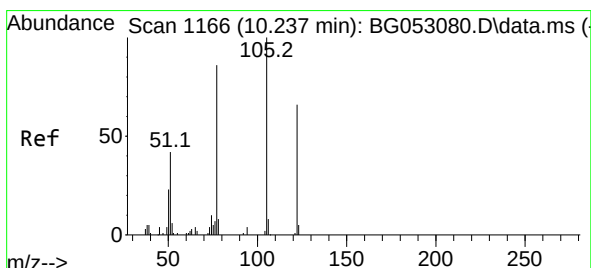
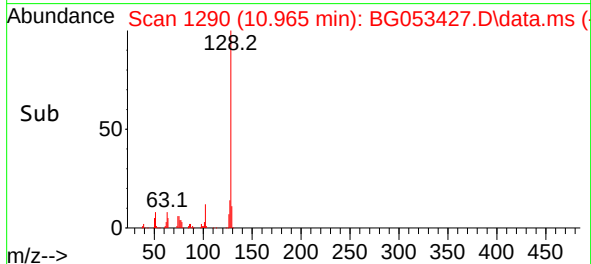
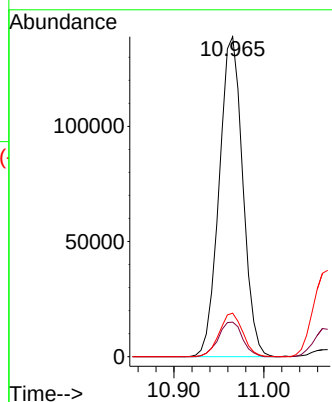
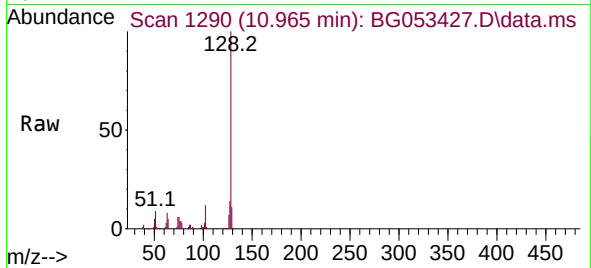




#31
Naphthalene
Concen: 43.812 ng
RT: 10.965 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

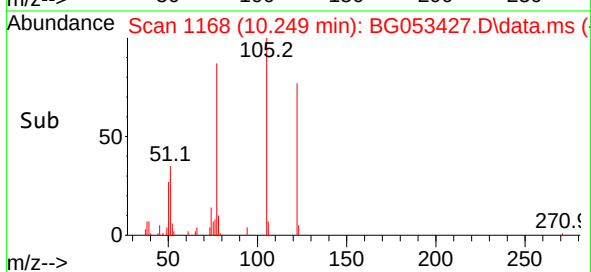
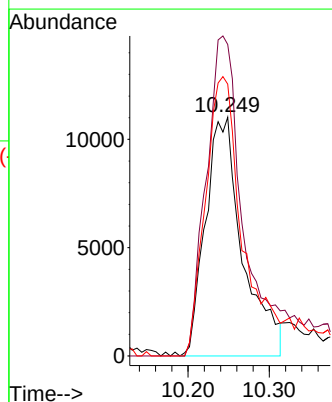
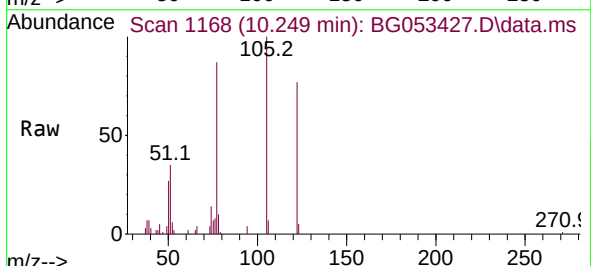
Instrument :
BNA_G
ClientSampleId :
PB144537BS

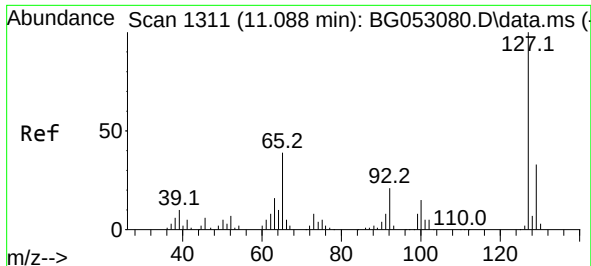
Tgt Ion:128 Resp: 252866
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 35.743 ng
RT: 10.249 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:122 Resp: 35090
Ion Ratio Lower Upper
122 100
105 130.5 112.8 152.8
77 113.9 78.4 118.4

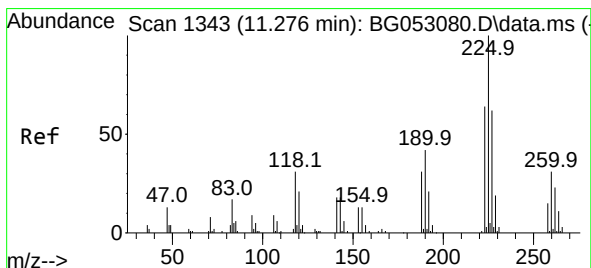
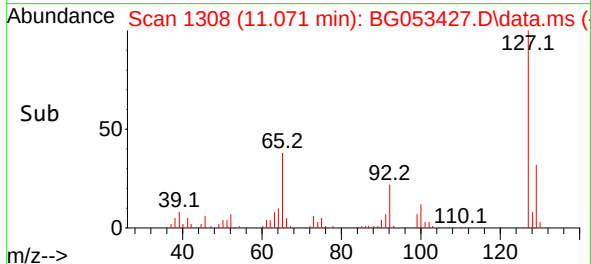
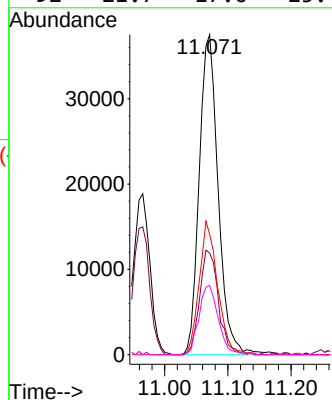
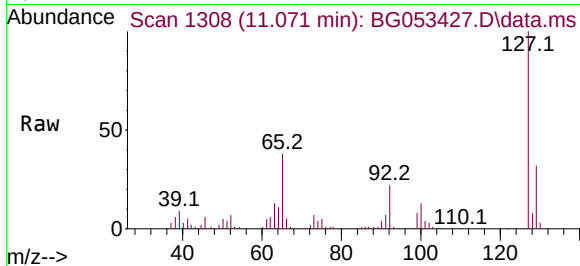




#33
4-Chloroaniline
Concen: 31.664 ng
RT: 11.071 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

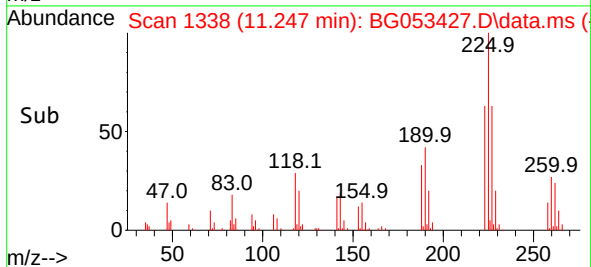
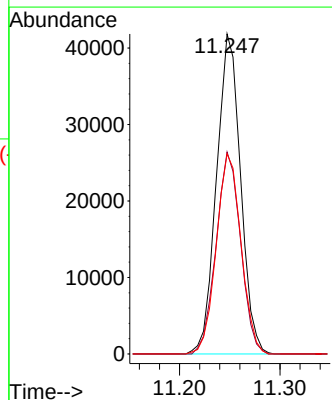
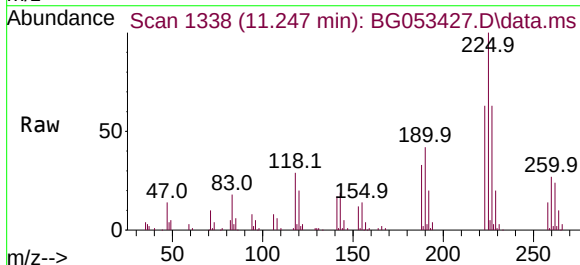
Instrument :
BNA_G
ClientSampleId :
PB144537BS

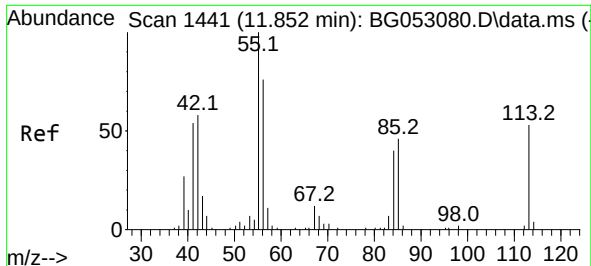
Tgt Ion:	127	Resp:	78261
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.6	41.4
65	37.6	28.2	42.4
92	21.7	17.0	25.4



#34
Hexachlorobutadiene
Concen: 42.415 ng
RT: 11.247 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:	225	Resp:	69575
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	62.5	52.0	78.0

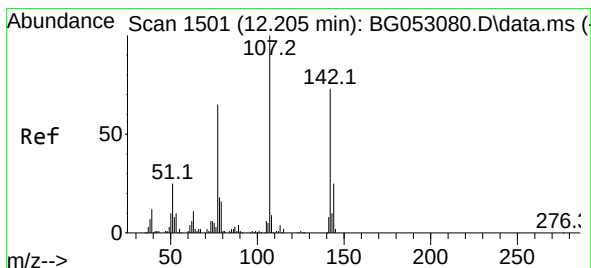
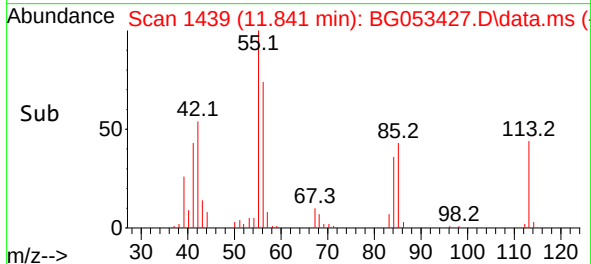
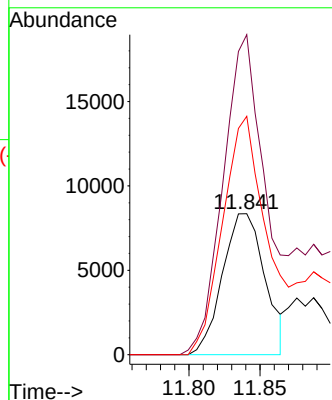
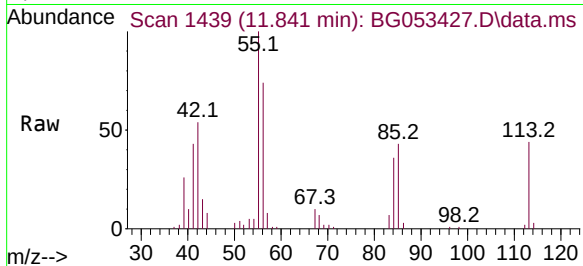




#35
 Caprolactam
 Concen: 25.161 ng
 RT: 11.841 min Scan# 1441
 Delta R.T. -0.010 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

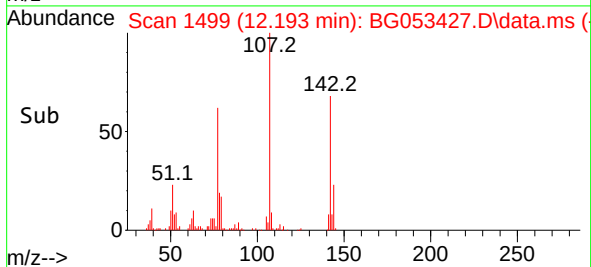
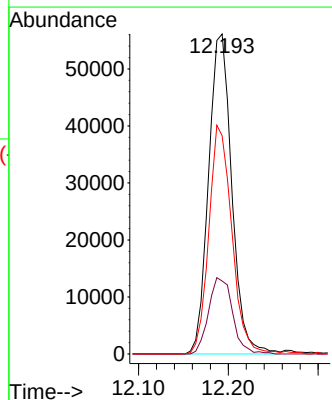
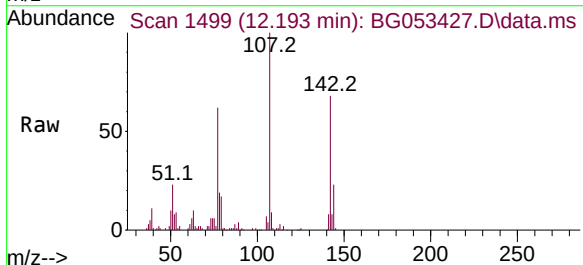
Instrument :
 BNA_G
 ClientSampleId :
 PB144537BS

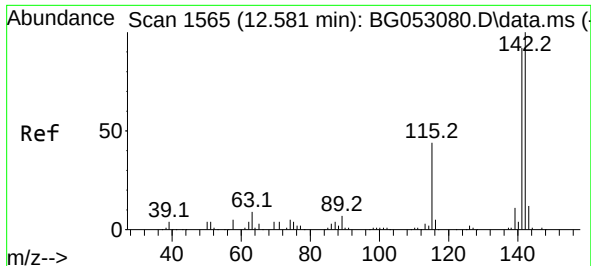
Tgt Ion:113 Resp: 17304
 Ion Ratio Lower Upper
 113 100
 55 227.1 151.3 191.3#
 56 169.2 128.5 168.5#



#36
 4-Chloro-3-methylphenol
 Concen: 44.387 ng
 RT: 12.193 min Scan# 1499
 Delta R.T. 0.008 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Tgt Ion:107 Resp: 100823
 Ion Ratio Lower Upper
 107 100
 144 22.8 21.4 32.0
 142 68.2 61.7 92.5

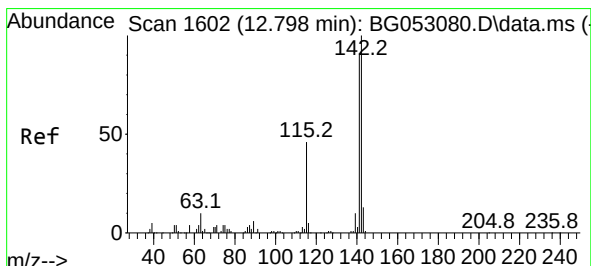
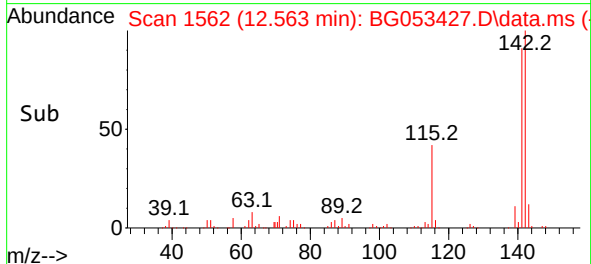
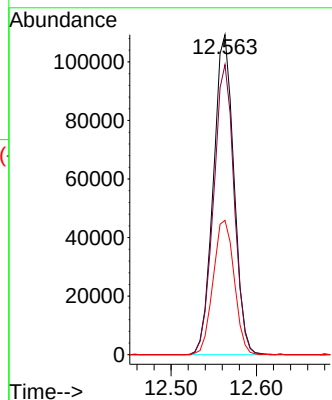
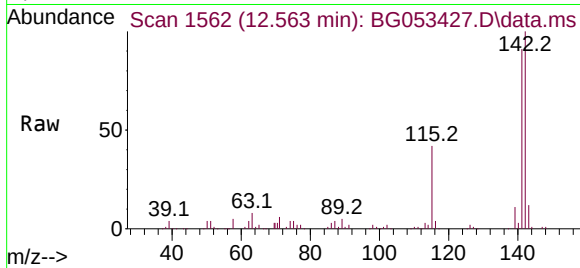




#37
2-Methylnaphthalene
Concen: 42.737 ng
RT: 12.563 min Scan# 1562
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

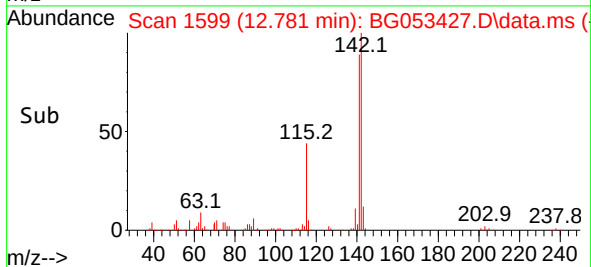
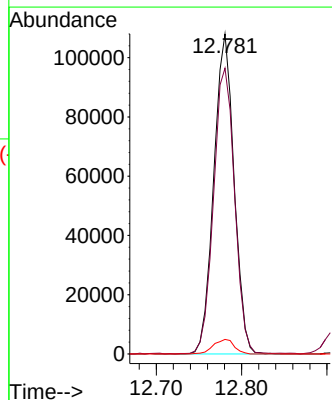
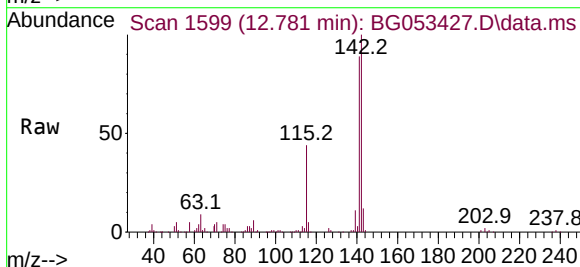
Instrument :
BNA_G
ClientSampleId :
PB144537BS

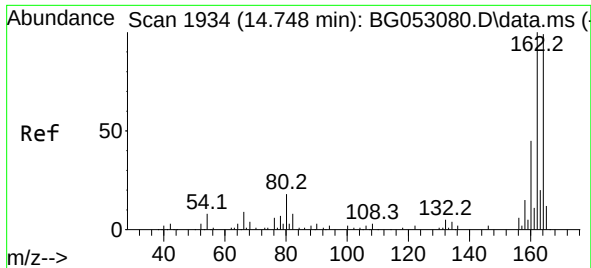
Tgt Ion:142 Resp: 182516
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 42.0 29.5 44.3



#38
1-Methylnaphthalene
Concen: 42.747 ng
RT: 12.781 min Scan# 1599
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:142 Resp: 178200
Ion Ratio Lower Upper
142 100
141 89.3 70.5 105.7
116 4.5 3.1 4.7

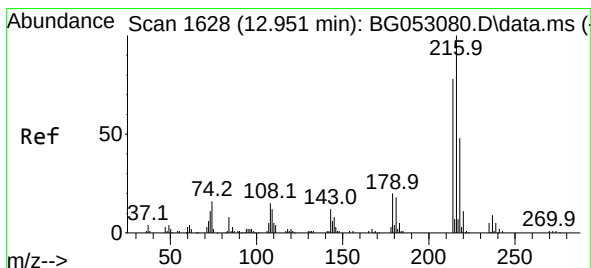
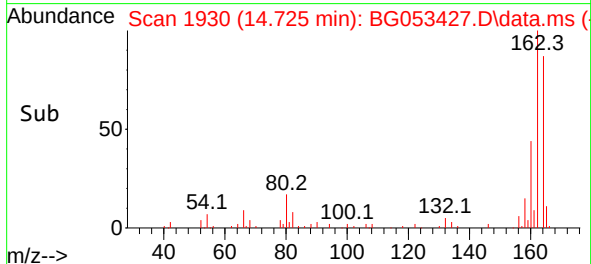
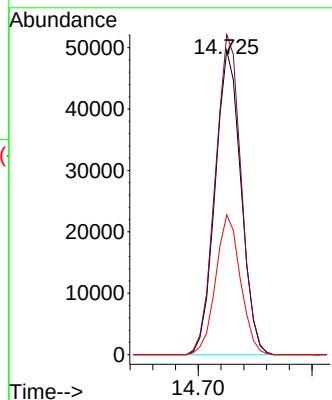
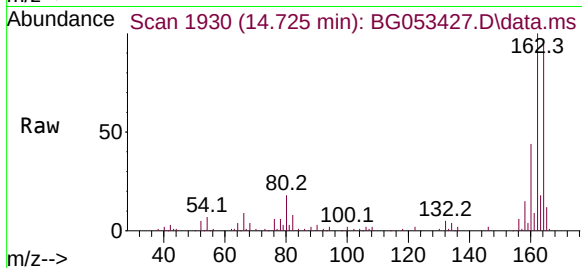




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

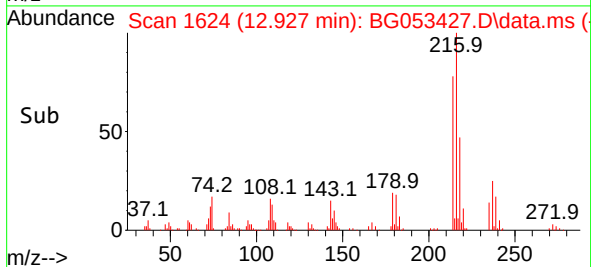
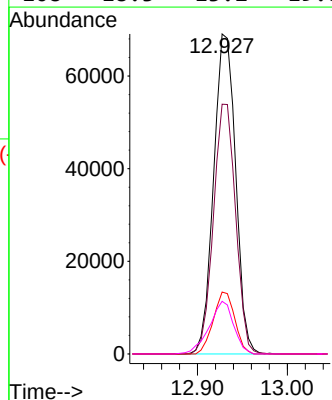
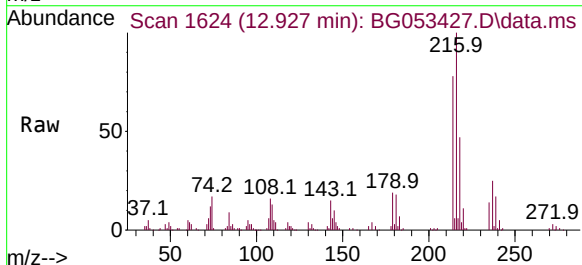
Instrument :
BNA_G
ClientSampleId :
PB144537BS

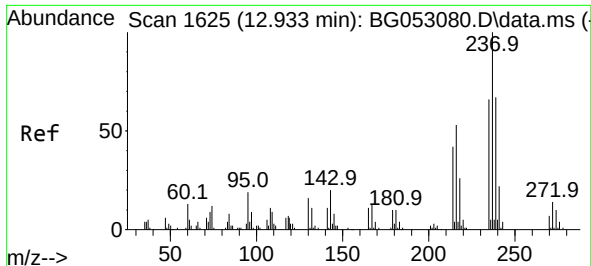
Tgt Ion:164 Resp: 77931
Ion Ratio Lower Upper
164 100
162 105.1 80.0 120.0
160 45.9 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.397 ng
RT: 12.927 min Scan# 1624
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:216 Resp: 117510
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 18.8 15.7 23.5
108 18.3 13.2 19.8

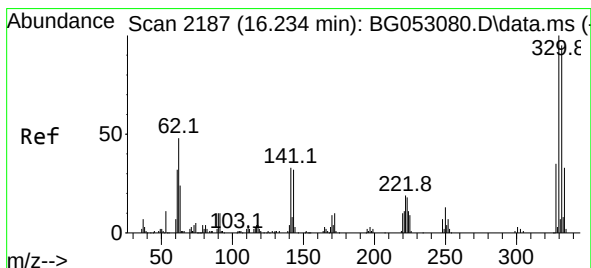
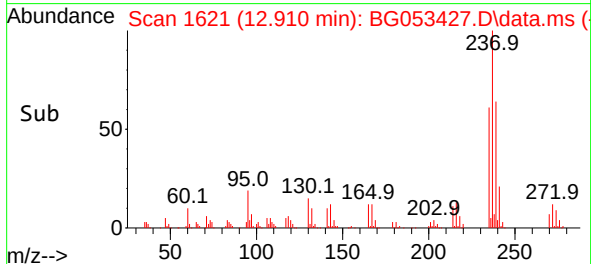
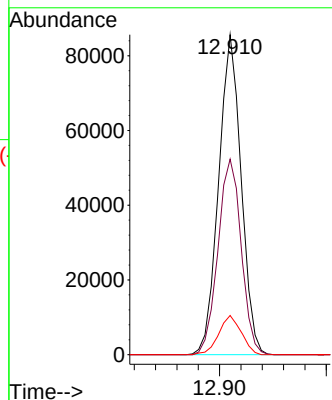
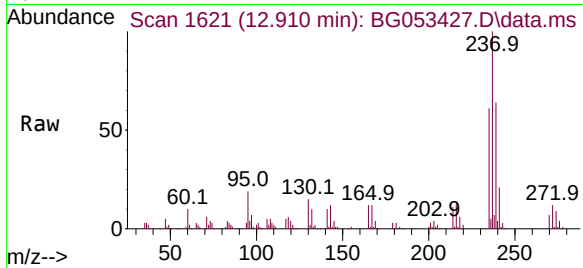




#41
Hexachlorocyclopentadiene
Concen: 91.574 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

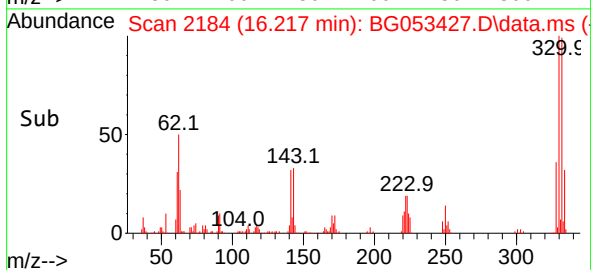
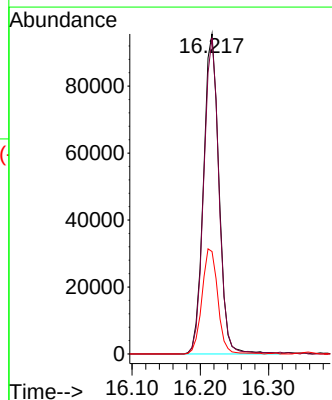
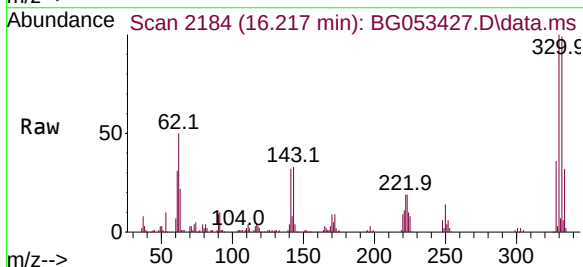
Instrument :
BNA_G
ClientSampleId :
PB144537BS

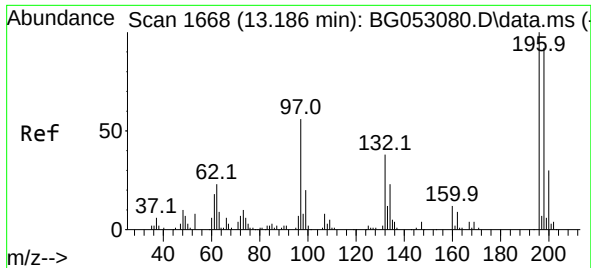
Tgt Ion: 237 Resp: 125121
Ion Ratio Lower Upper
237 100
235 61.1 37.7 77.7
272 12.3 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 121.548 ng
RT: 16.217 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 330 Resp: 150701
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.6 24.6 36.8

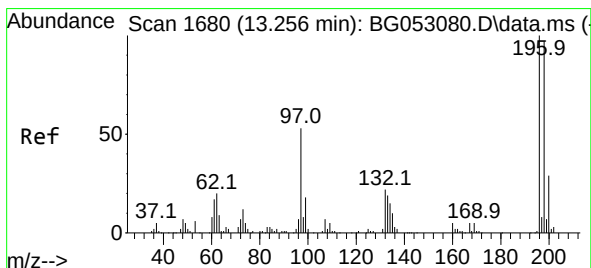
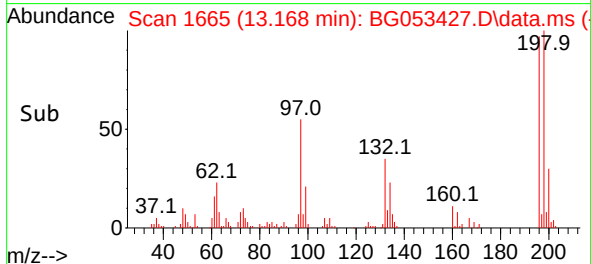
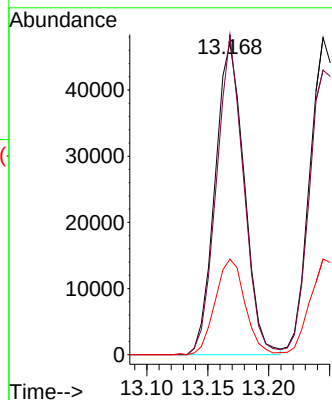
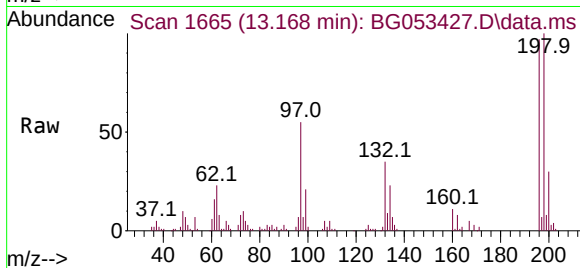




#43
2,4,6-Trichlorophenol
Concen: 43.032 ng
RT: 13.168 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

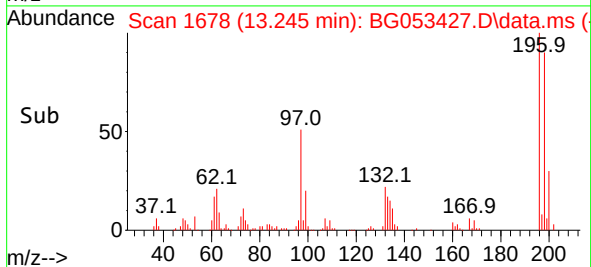
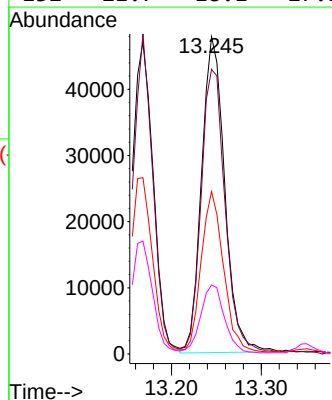
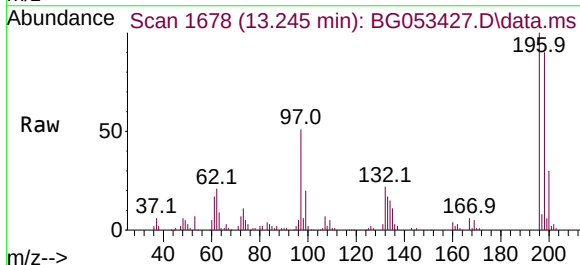
Instrument :
BNA_G
ClientSampleId :
PB144537BS

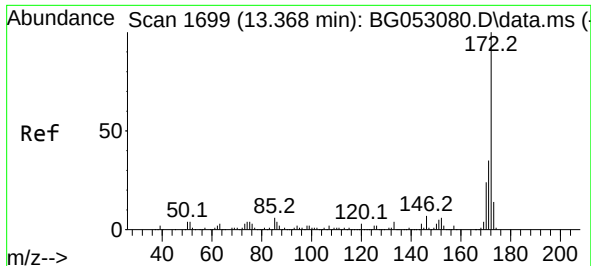
Tgt Ion:196 Resp: 78529
Ion Ratio Lower Upper
196 100
198 102.6 78.8 118.2
200 30.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.015 ng
RT: 13.245 min Scan# 1678
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:196 Resp: 85594
Ion Ratio Lower Upper
196 100
198 89.7 75.8 113.6
97 51.3 36.5 54.7
132 21.7 18.1 27.1

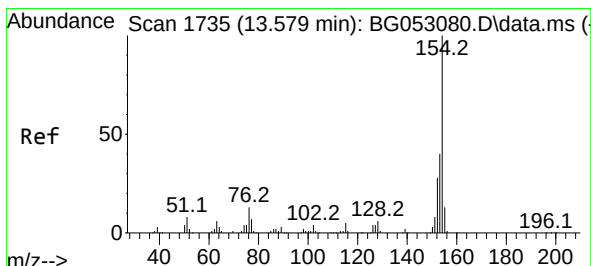
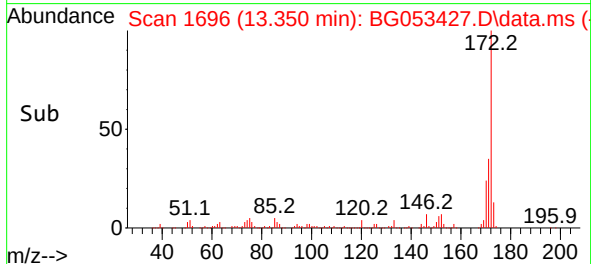
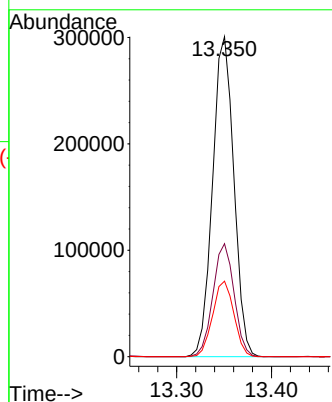
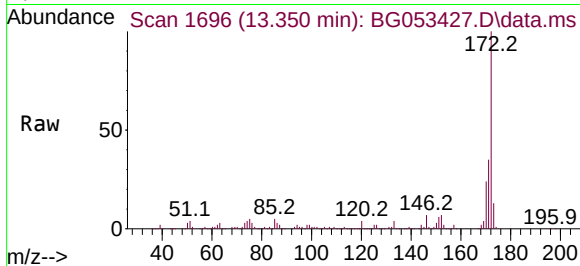




#45
2-Fluorobiphenyl
Concen: 82.862 ng
RT: 13.350 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

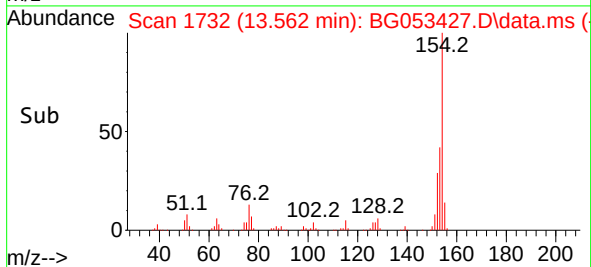
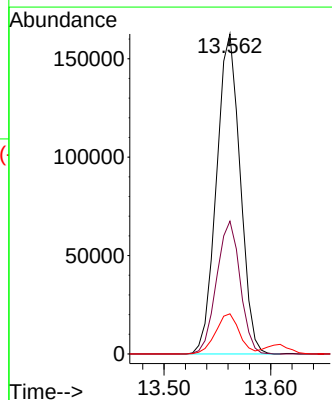
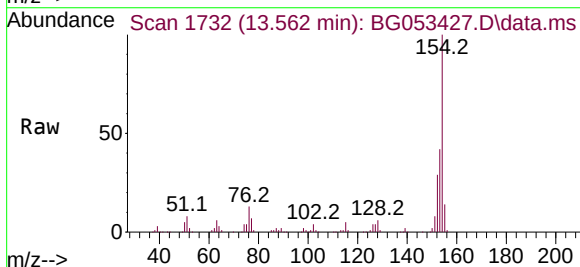
Instrument :
BNA_G
ClientSampleId :
PB144537BS

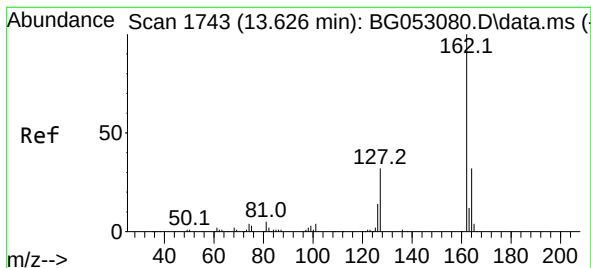
Tgt Ion:172 Resp: 468305
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 18.0 27.0



#46
1,1'-Biphenyl
Concen: 44.512 ng
RT: 13.562 min Scan# 1732
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:154 Resp: 249805
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 12.6 0.0 31.5

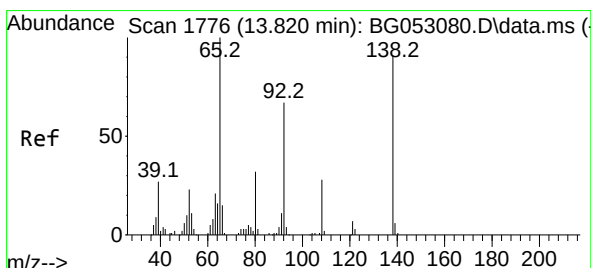
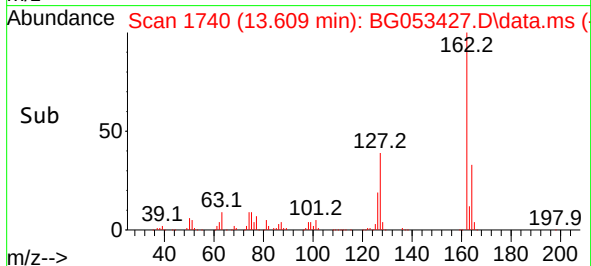
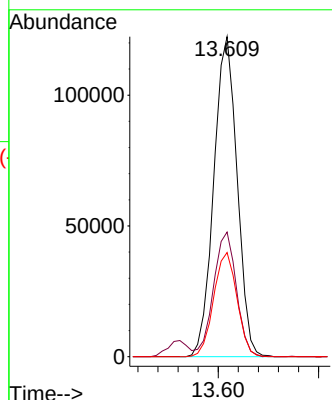
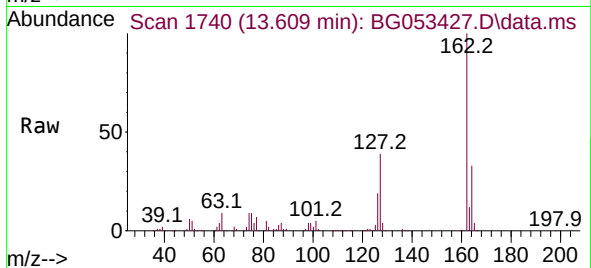




#47
2-Chloronaphthalene
Concen: 44.055 ng
RT: 13.609 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

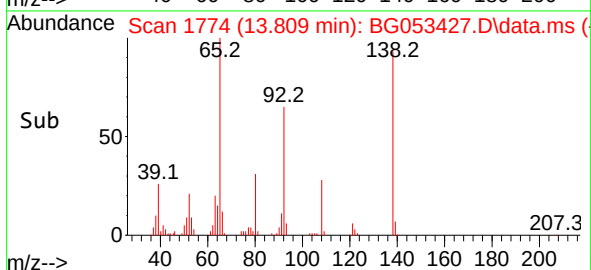
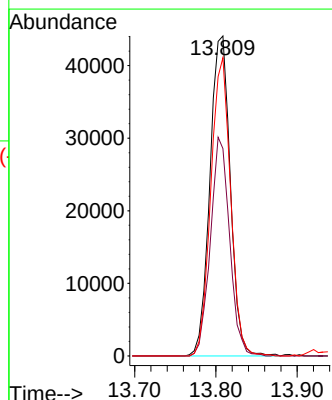
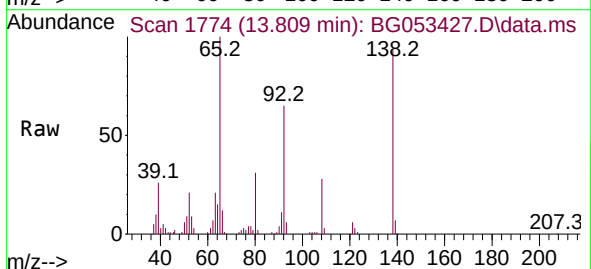
Instrument :
BNA_G
ClientSampleId :
PB144537BS

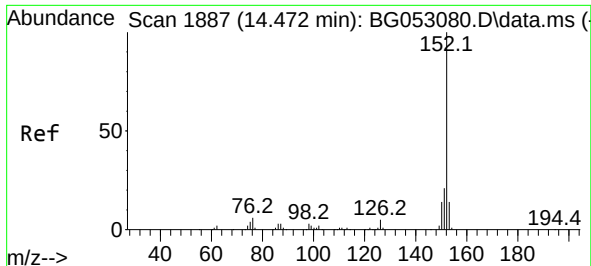
Tgt Ion:162 Resp: 197255
Ion Ratio Lower Upper
162 100
127 39.0 28.1 42.1
164 32.5 26.0 39.0



#48
2-Nitroaniline
Concen: 45.190 ng
RT: 13.809 min Scan# 1774
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 65 Resp: 76786
Ion Ratio Lower Upper
65 100
92 64.8 52.1 78.1
138 93.2 80.1 120.1

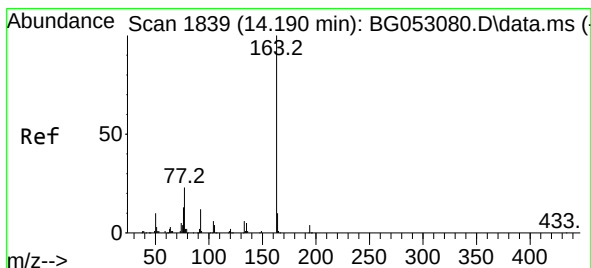
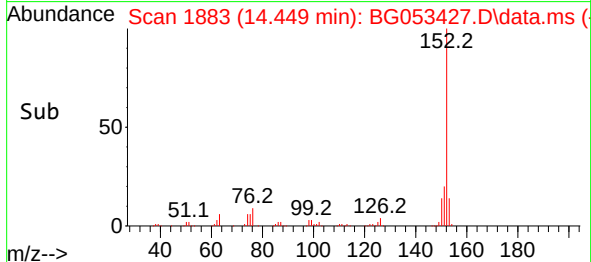
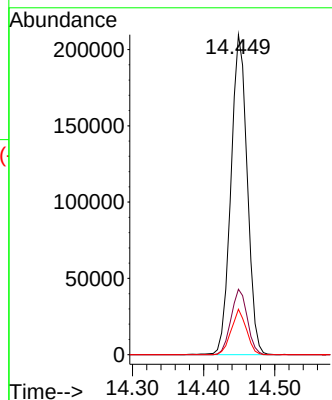
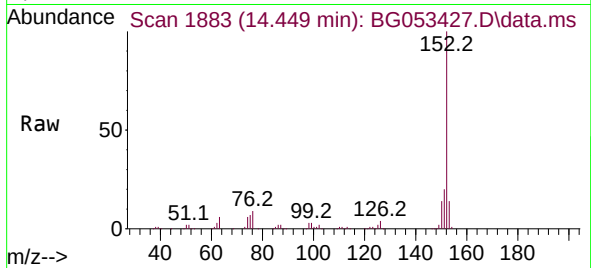




#49
Acenaphthylene
Concen: 47.605 ng
RT: 14.449 min Scan# 1883
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

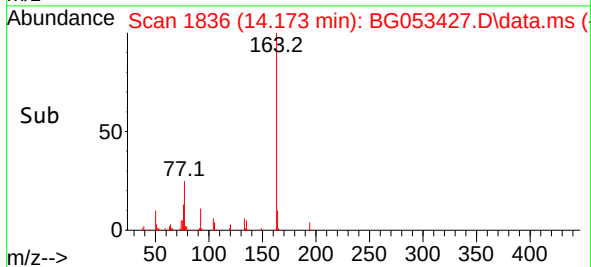
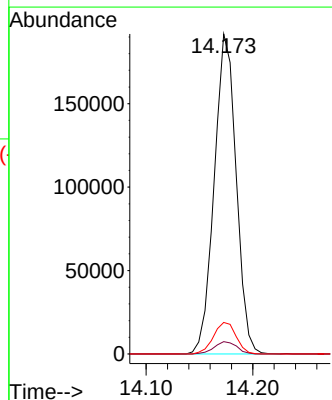
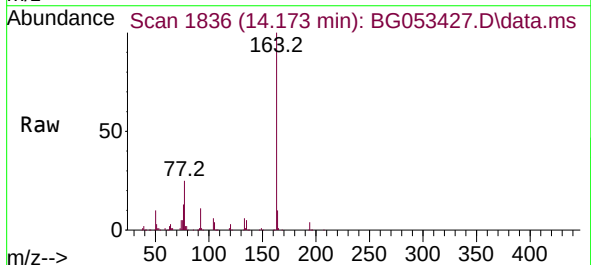
Instrument :
BNA_G
ClientSampleId :
PB144537BS

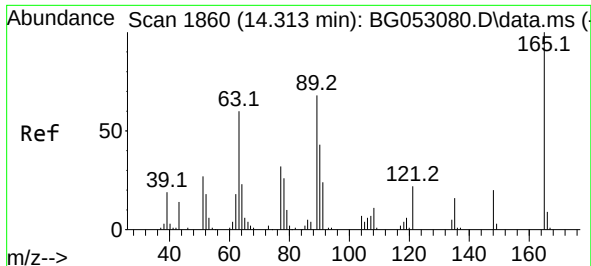
Tgt Ion:152 Resp: 333662
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 14.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.921 ng
RT: 14.173 min Scan# 1836
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:163 Resp: 273767
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.5 12.7

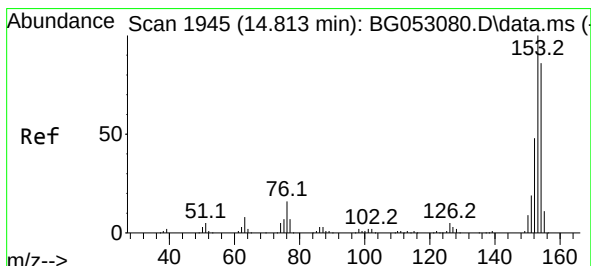
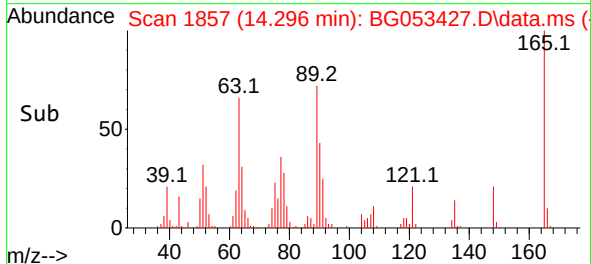
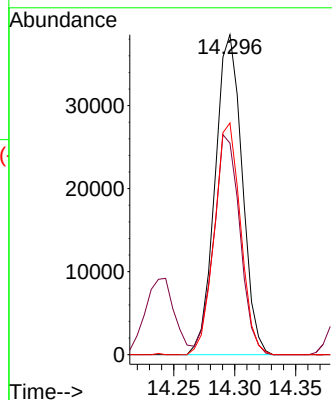
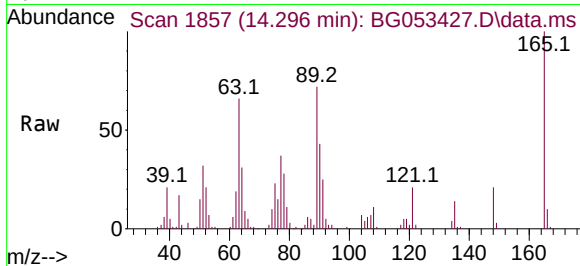




#51
2,6-Dinitrotoluene
Concen: 45.746 ng
RT: 14.296 min Scan# 1860
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

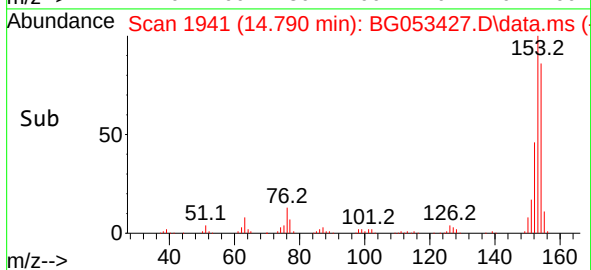
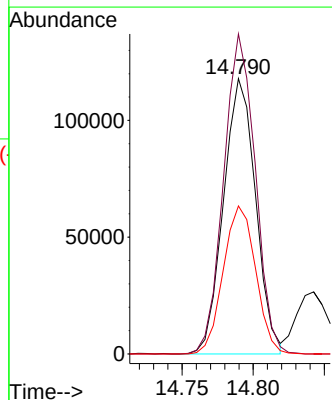
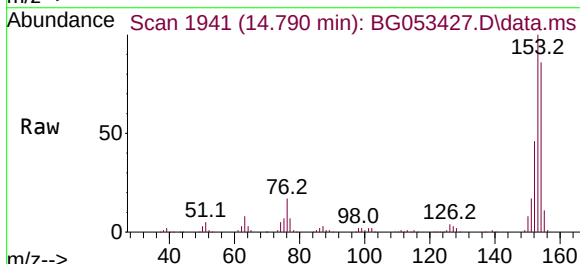
Instrument :
BNA_G
ClientSampleId :
PB144537BS

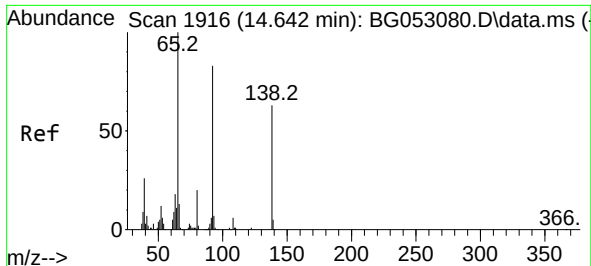
Tgt Ion:165 Resp: 59487
Ion Ratio Lower Upper
165 100
63 66.1 43.7 65.5#
89 72.4 45.0 67.4#



#52
Acenaphthene
Concen: 39.029 ng
RT: 14.790 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:154 Resp: 185509
Ion Ratio Lower Upper
154 100
153 116.2 89.0 133.4
152 53.7 40.5 60.7

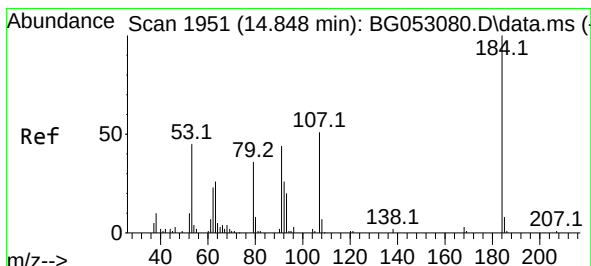
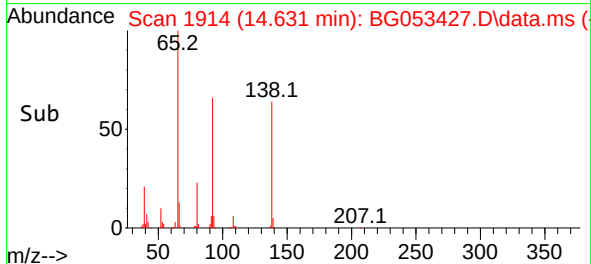
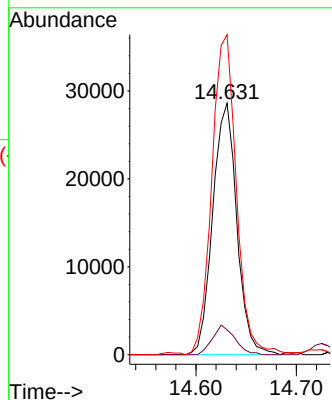
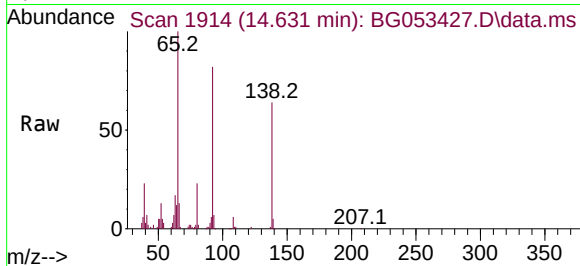




#53
3-Nitroaniline
Concen: 34.672 ng
RT: 14.631 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

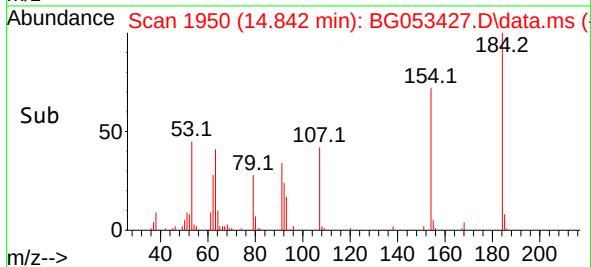
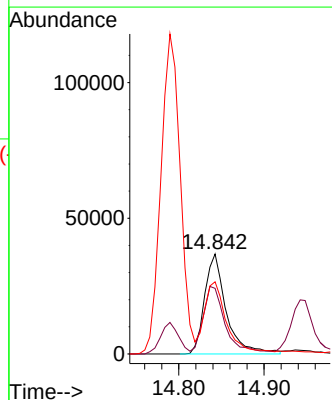
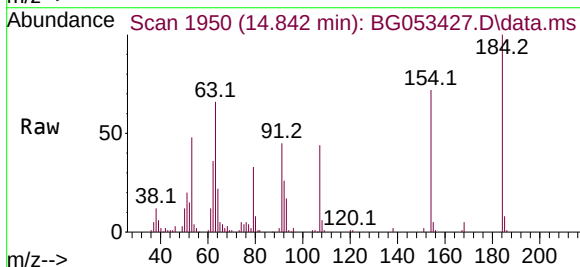
Instrument :
BNA_G
ClientSampleId :
PB144537BS

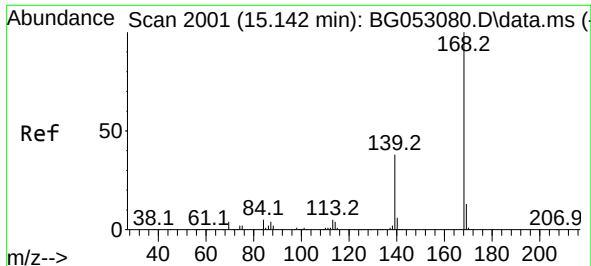
Tgt Ion:138 Resp: 47674
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 127.3 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 78.407 ng
RT: 14.842 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:184 Resp: 64874
Ion Ratio Lower Upper
184 100
63 65.6 51.8 77.6
154 72.2 47.8 71.6#

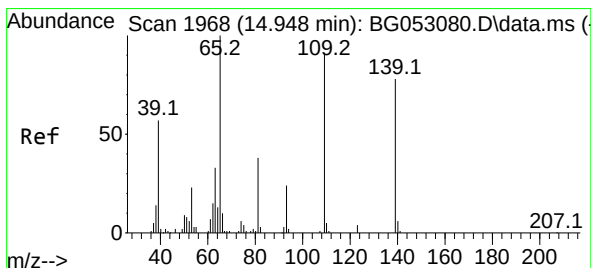
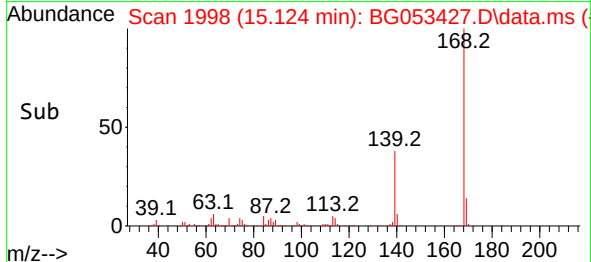
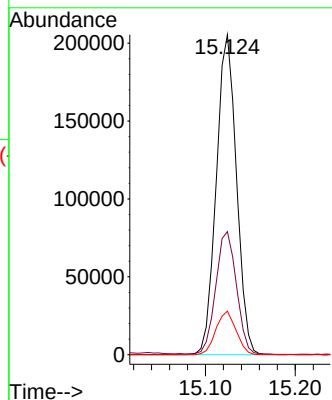
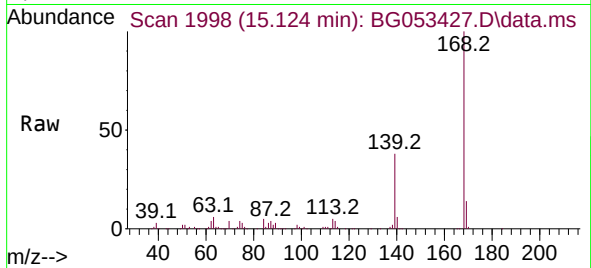




#55
Dibenzenofuran
Concen: 43.019 ng
RT: 15.124 min Scan# 1998
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

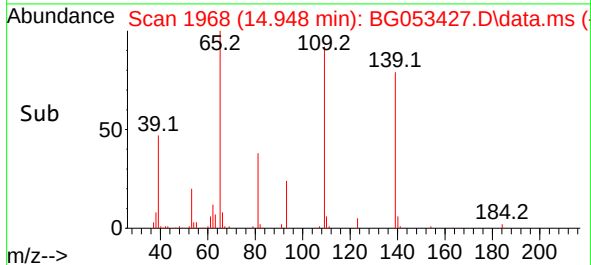
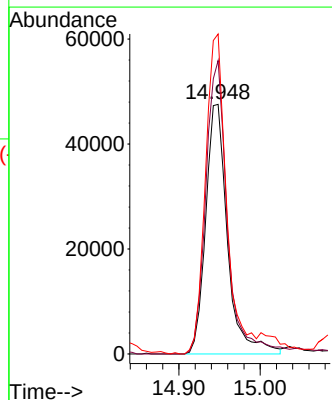
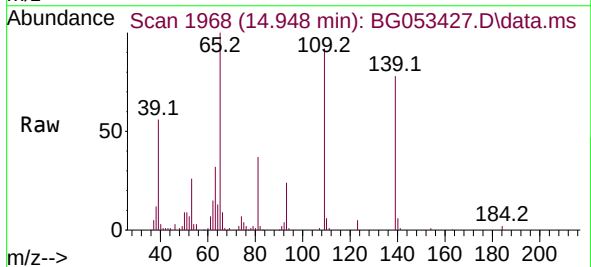
Instrument :
BNA_G
ClientSampleId :
PB144537BS

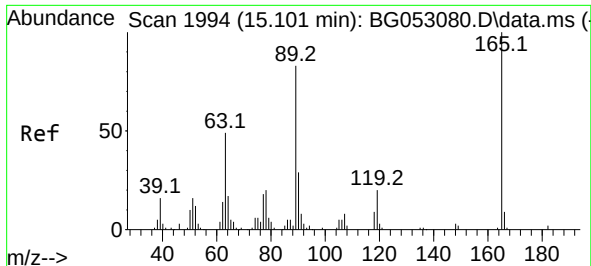
Tgt Ion:168 Resp: 320177
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 84.807 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.008 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:139 Resp: 88936
Ion Ratio Lower Upper
139 100
109 117.6 67.1 107.1#
65 128.2 88.2 128.2

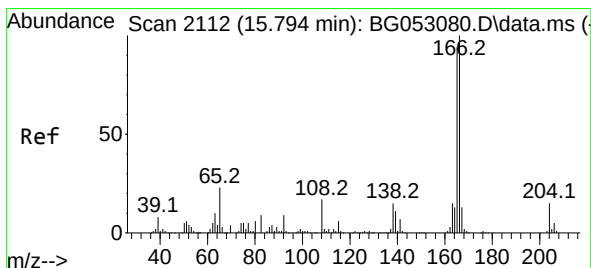
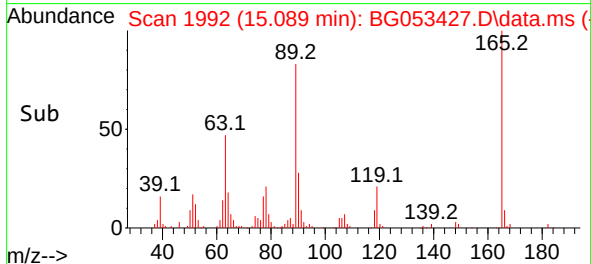
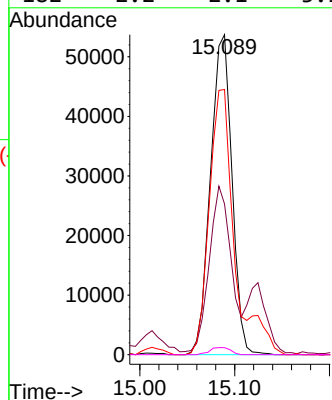
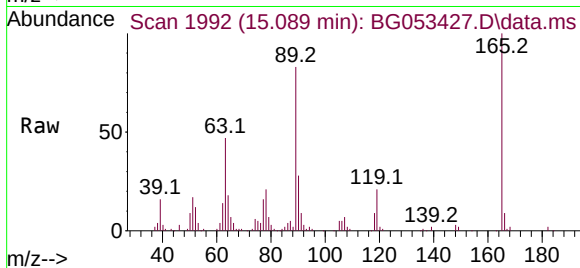




#57
2,4-Dinitrotoluene
Concen: 45.801 ng
RT: 15.089 min Scan# 1992
Delta R.T. 0.008 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

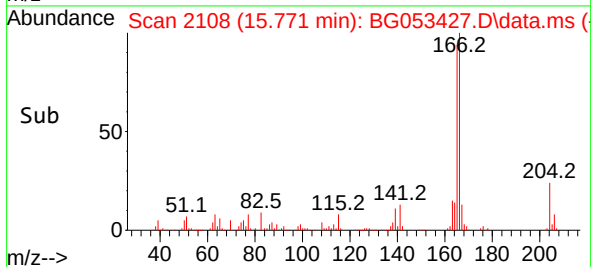
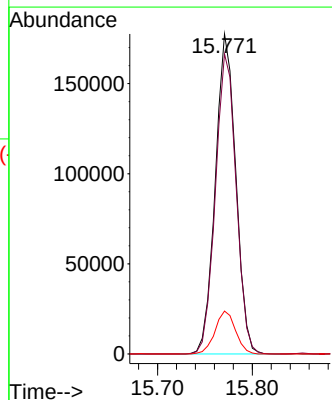
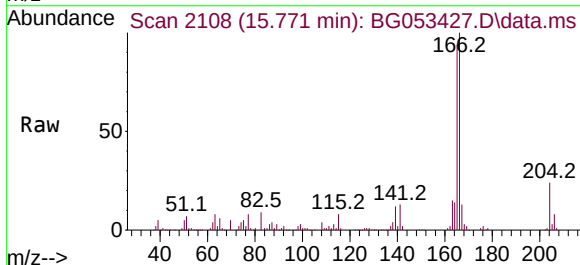
Instrument :
BNA_G
ClientSampleId :
PB144537BS

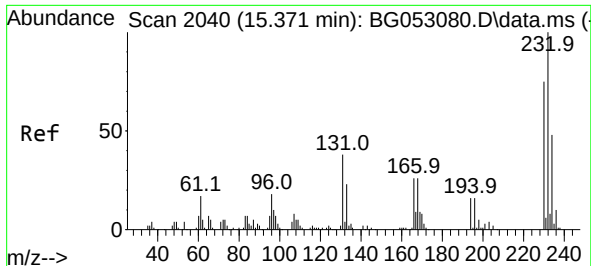
Tgt Ion:165 Resp: 84793
Ion Ratio Lower Upper
165 100
63 47.1 34.8 52.2
89 82.9 57.4 86.0
182 2.2 2.1 3.1



#58
Fluorene
Concen: 44.346 ng
RT: 15.771 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:166 Resp: 266570
Ion Ratio Lower Upper
166 100
165 93.8 78.6 117.8
167 13.4 10.9 16.3

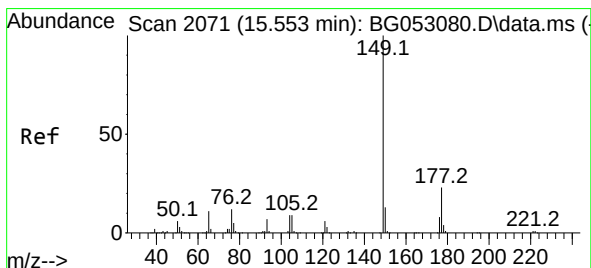
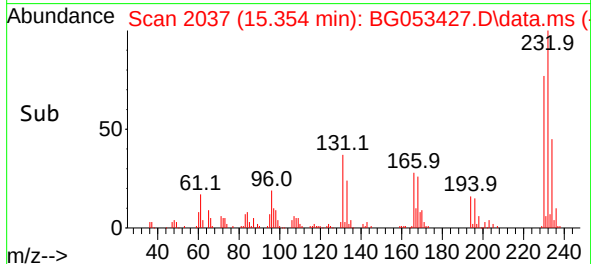
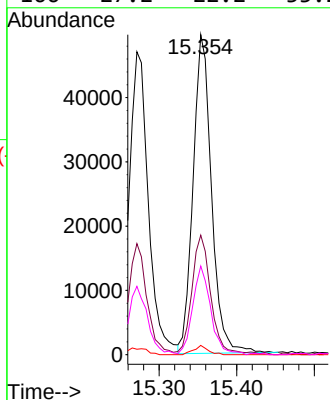
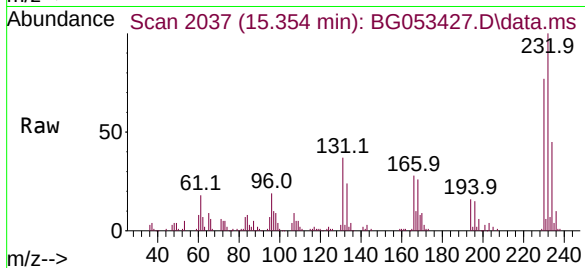




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.216 ng
RT: 15.354 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

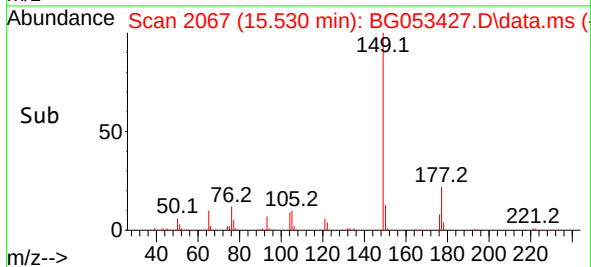
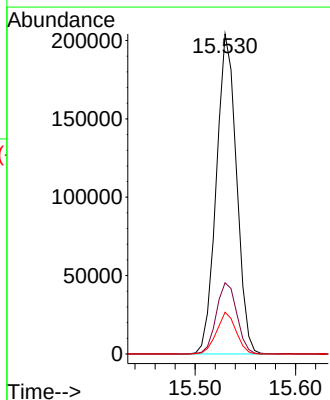
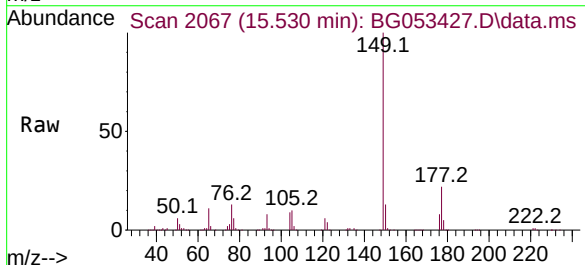
Instrument :
BNA_G
ClientSampleId :
PB144537BS

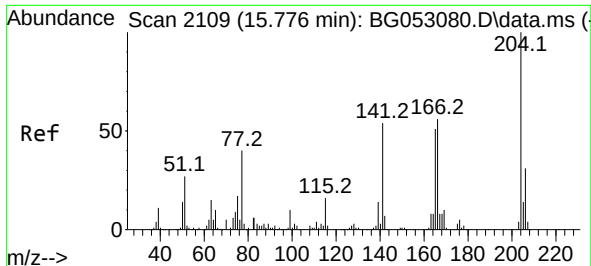
Tgt Ion:232 Resp: 81614
Ion Ratio Lower Upper
232 100
131 39.1 30.1 45.1
130 2.2 1.8 2.8
166 27.2 22.2 33.2



#60
Diethylphthalate
Concen: 43.572 ng
RT: 15.530 min Scan# 2067
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:149 Resp: 284563
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 13.0 9.9 14.9

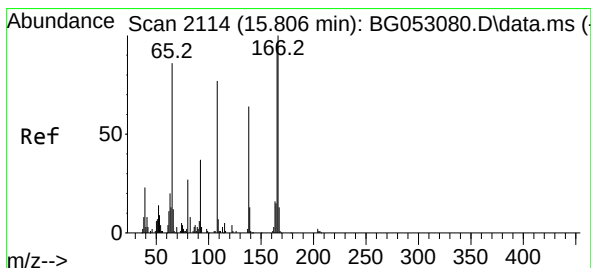
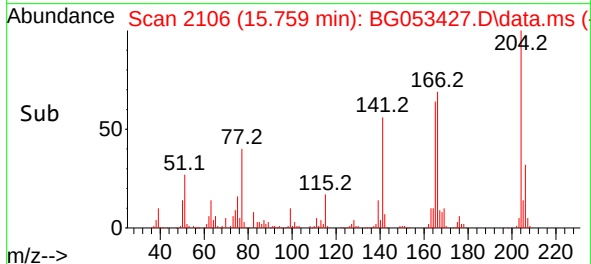
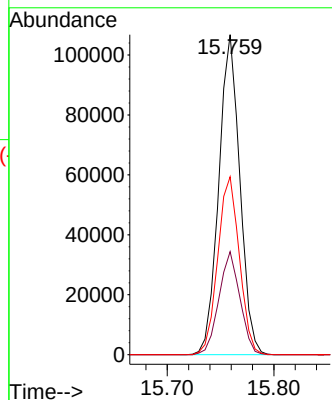
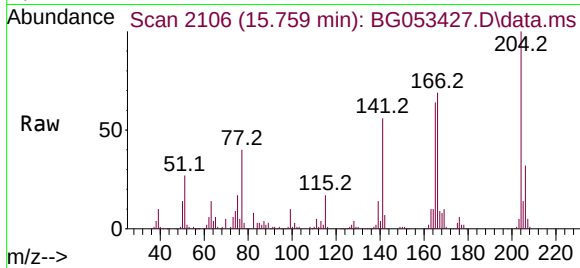




#61
4-Chlorophenyl-phenylether
Concen: 42.912 ng
RT: 15.759 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

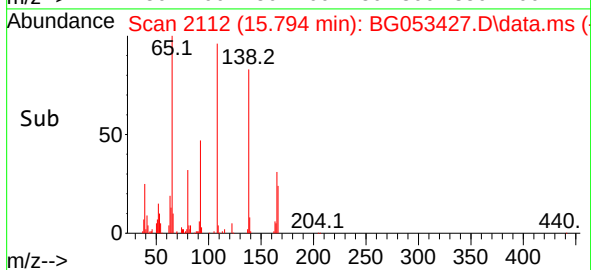
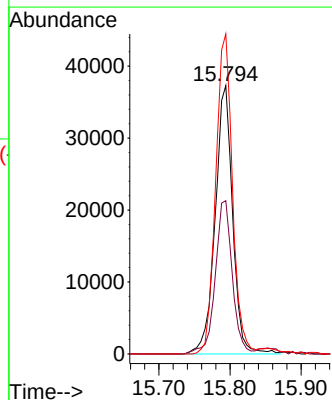
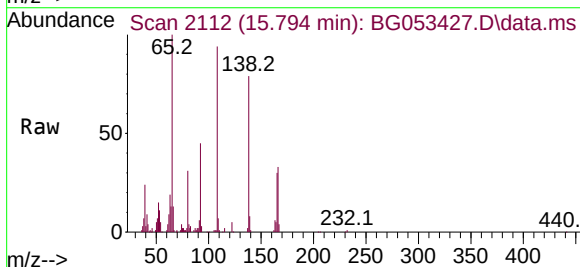
Instrument :
BNA_G
ClientSampleId :
PB144537BS

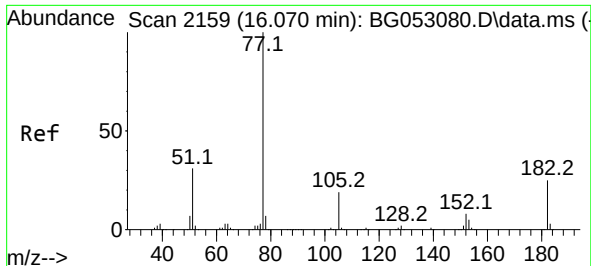
Tgt Ion:204 Resp: 146225
Ion Ratio Lower Upper
204 100
206 32.2 28.3 42.5
141 55.6 45.8 68.8



#62
4-Nitroaniline
Concen: 43.914 ng
RT: 15.794 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:138 Resp: 63717
Ion Ratio Lower Upper
138 100
92 57.1 33.3 73.3
108 119.3 74.2 114.2#

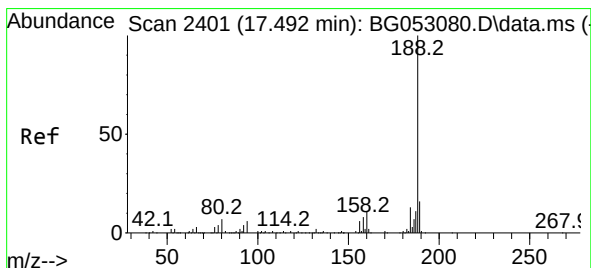
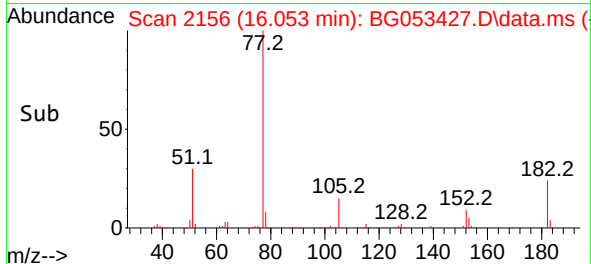
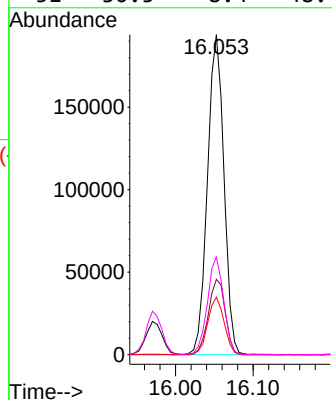
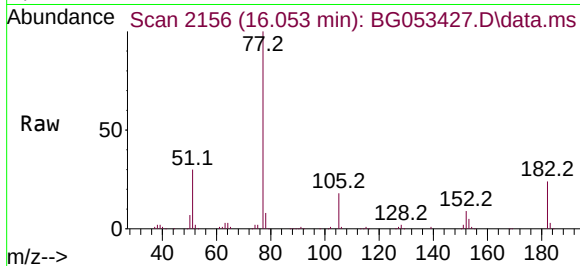




#63
Azobenzene
Concen: 43.445 ng
RT: 16.053 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

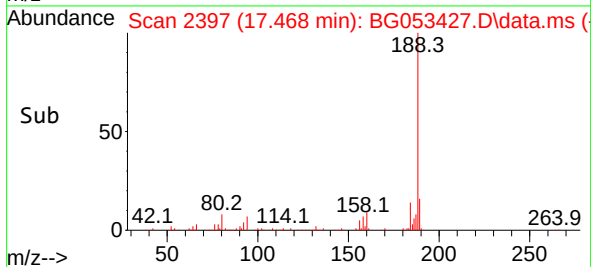
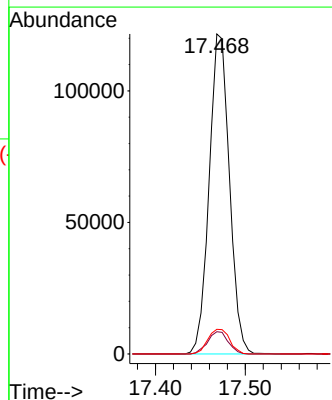
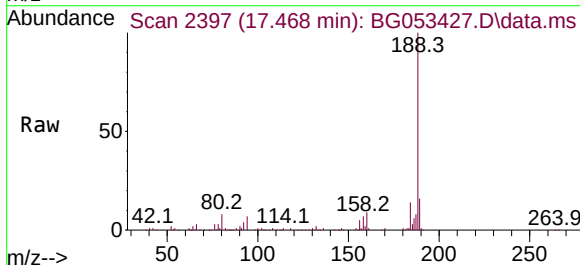
Instrument :
BNA_G
ClientSampleId :
PB144537BS

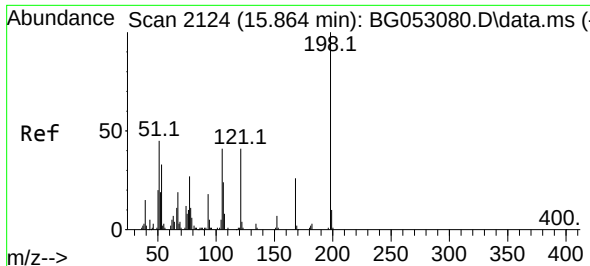
Tgt Ion:	77	Resp:	286067
Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.6	45.6
105	18.0	0.0	38.8
51	30.5	8.4	48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2397
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:	188	Resp:	190313
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.7	7.2	10.8

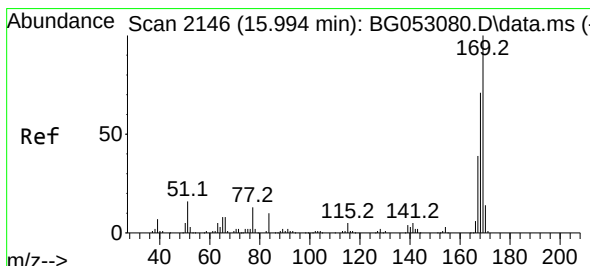
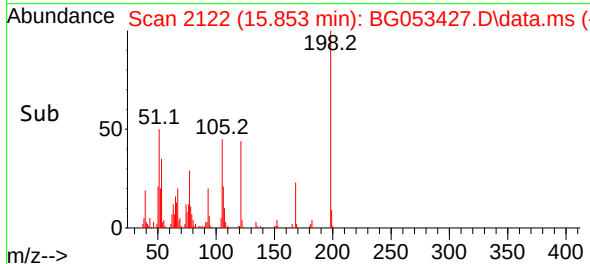
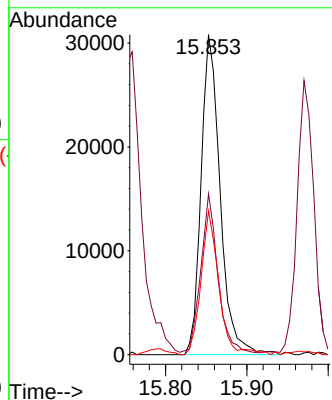
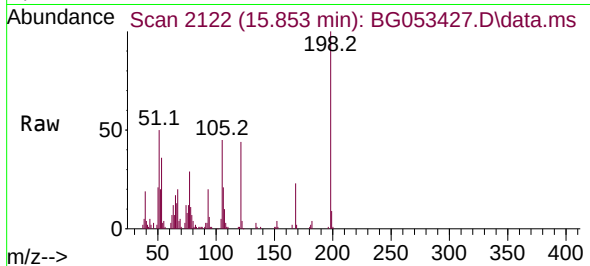




#65
4,6-Dinitro-2-methylphenol
Concen: 37.889 ng
RT: 15.853 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

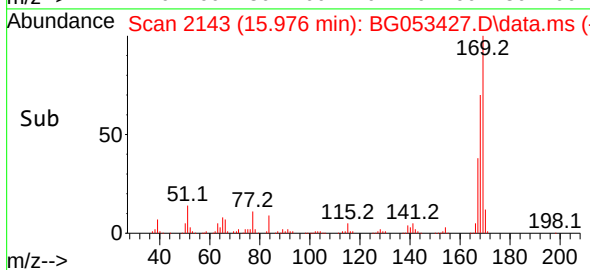
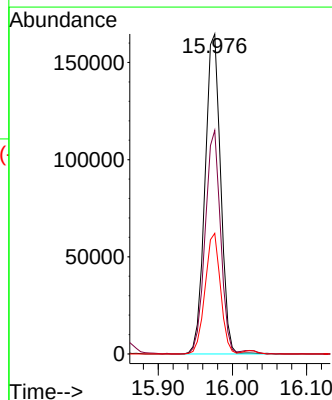
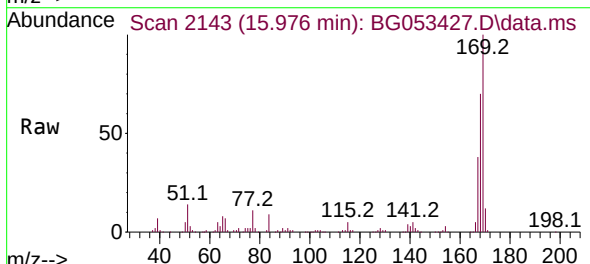
Instrument :
BNA_G
ClientSampleId :
PB144537BS

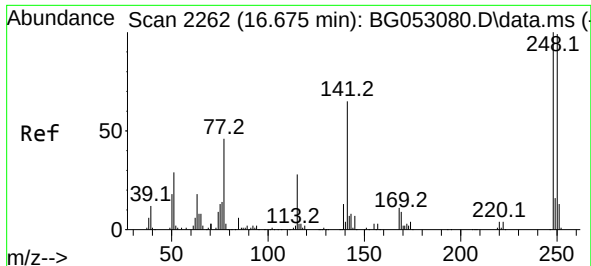
Tgt Ion:198 Resp: 50308
Ion Ratio Lower Upper
198 100
51 50.3 21.7 61.7
105 44.9 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 43.914 ng
RT: 15.976 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:169 Resp: 240333
Ion Ratio Lower Upper
169 100
168 69.9 54.5 81.7
167 37.7 29.6 44.4

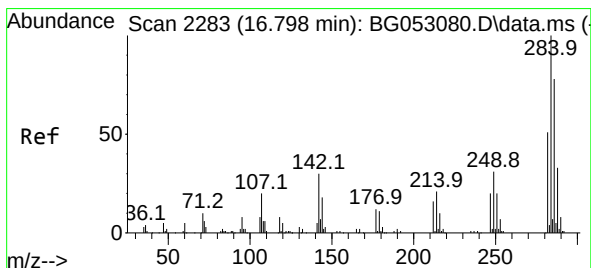
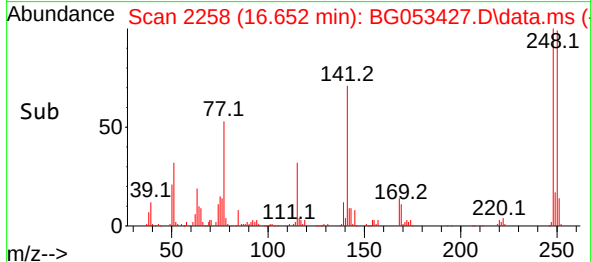
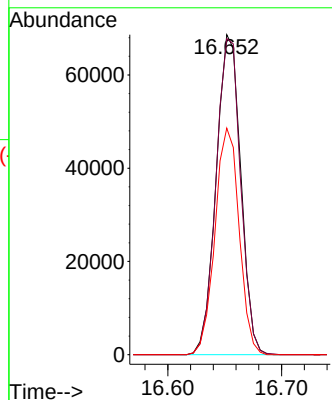
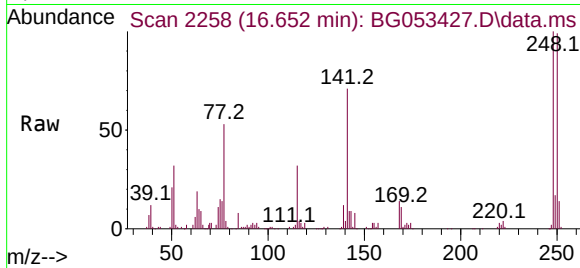




#67
4-Bromophenyl-phenylether
Concen: 42.340 ng
RT: 16.652 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

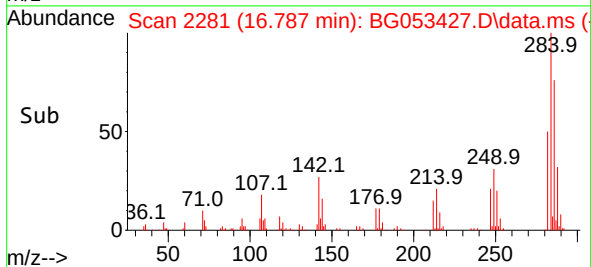
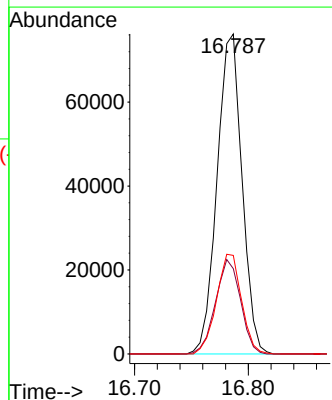
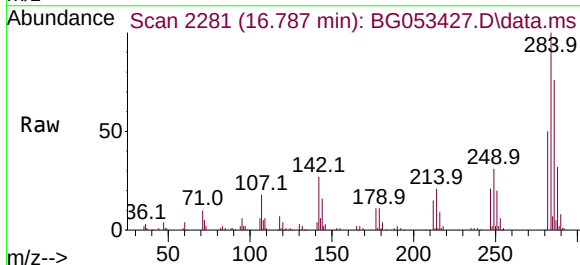
Instrument :
BNA_G
ClientSampleId :
PB144537BS

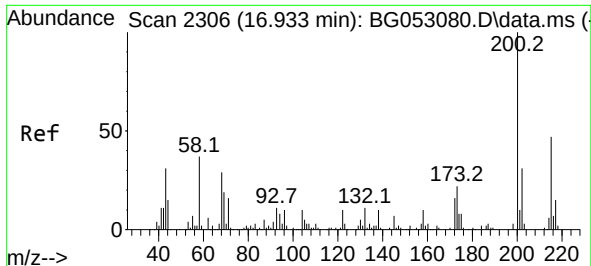
Tgt Ion:248 Resp: 103248
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 70.8 49.2 73.8



#68
Hexachlorobenzene
Concen: 43.967 ng
RT: 16.787 min Scan# 2281
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:284 Resp: 116111
Ion Ratio Lower Upper
284 100
142 26.6 21.0 31.4
249 30.8 22.7 34.1

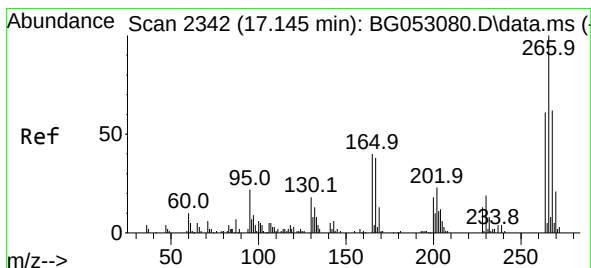
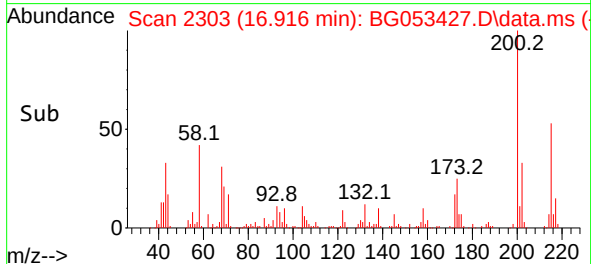
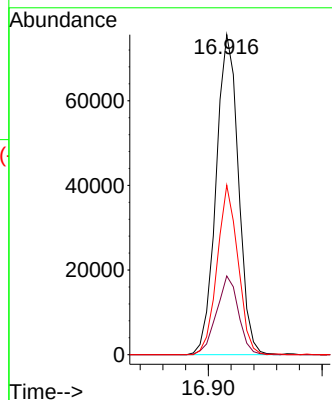
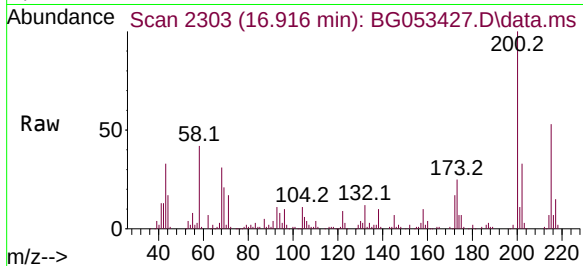




#69
 Atrazine
 Concen: 48.334 ng
 RT: 16.916 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

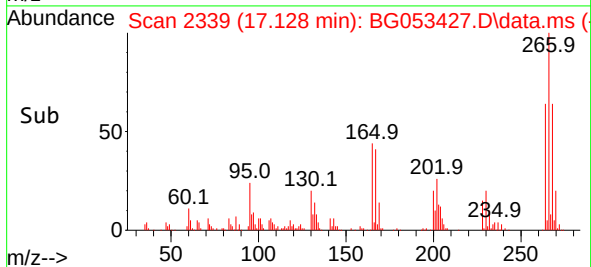
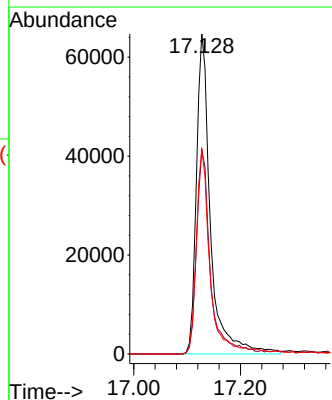
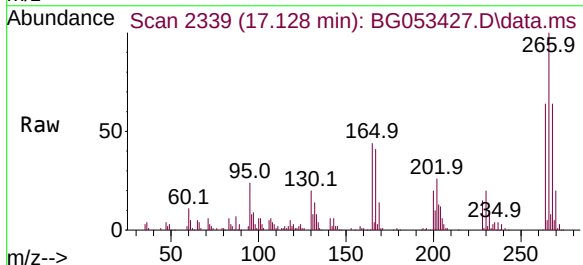
Instrument :
 BNA_G
 ClientSampleId :
 PB144537BS

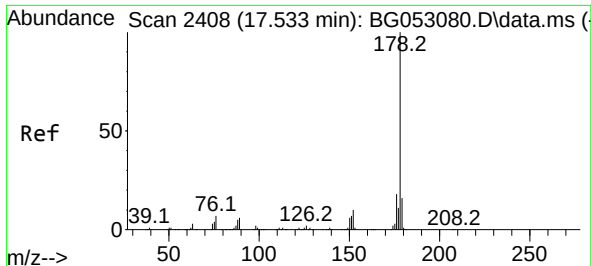
Tgt Ion:200 Resp: 103327
 Ion Ratio Lower Upper
 200 100
 173 24.6 3.8 43.8
 215 53.0 26.3 66.3



#70
 Pentachlorophenol
 Concen: 82.205 ng
 RT: 17.128 min Scan# 2339
 Delta R.T. -0.004 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Tgt Ion:266 Resp: 118647
 Ion Ratio Lower Upper
 266 100
 268 63.7 45.9 68.9
 264 64.2 45.3 67.9

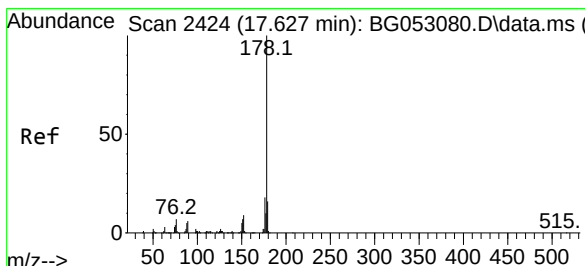
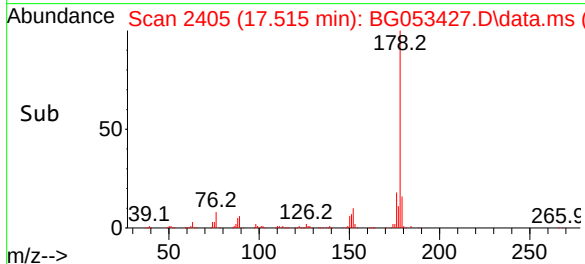
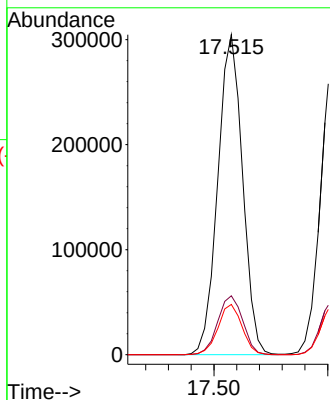
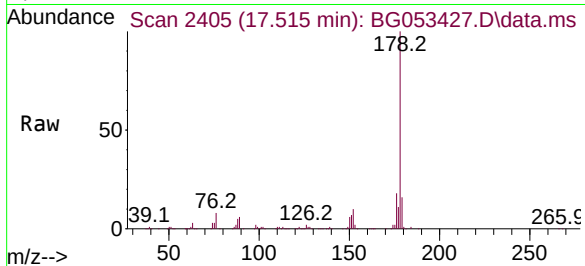




#71
Phenanthrene
Concen: 44.266 ng
RT: 17.515 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

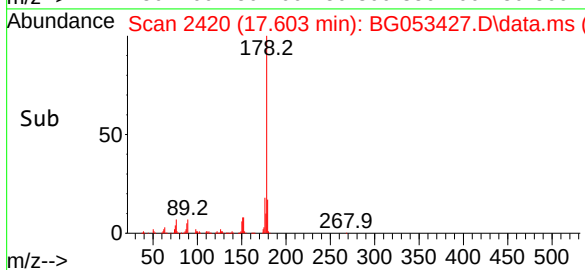
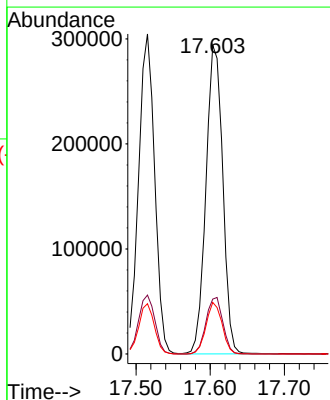
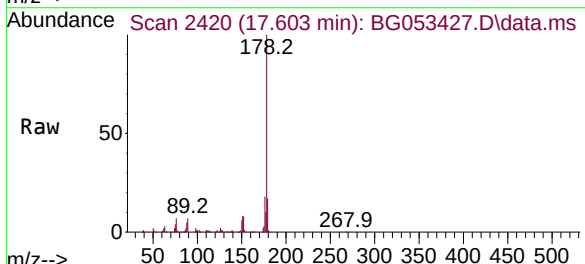
Instrument :
BNA_G
ClientSampleId :
PB144537BS

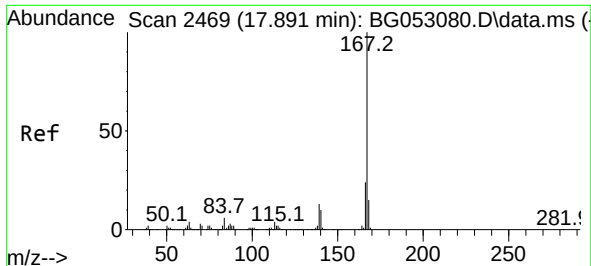
Tgt Ion:178 Resp: 460161
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.7 13.4 20.2



#72
Anthracene
Concen: 44.860 ng
RT: 17.603 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:178 Resp: 461987
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 16.7 13.2 19.8

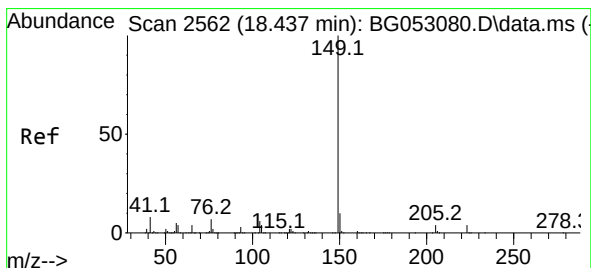
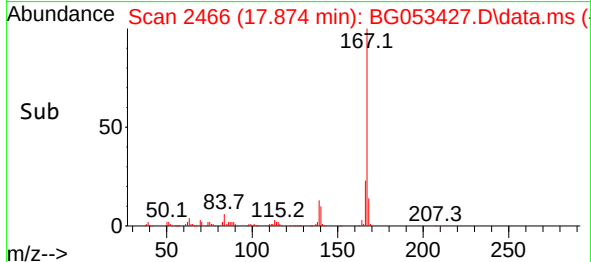
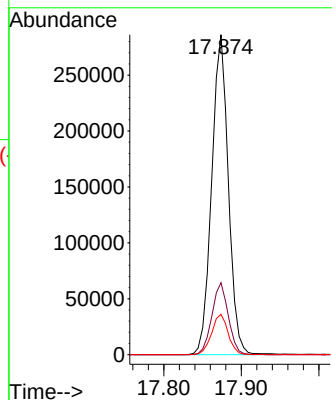
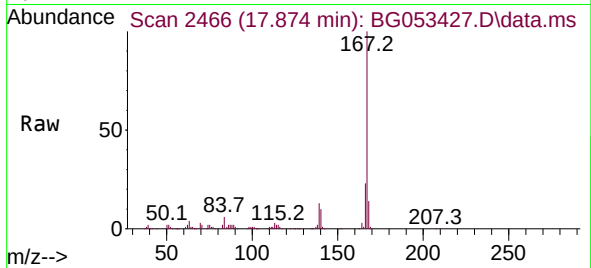




#73
Carbazole
Concen: 42.639 ng
RT: 17.874 min Scan# 2466
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

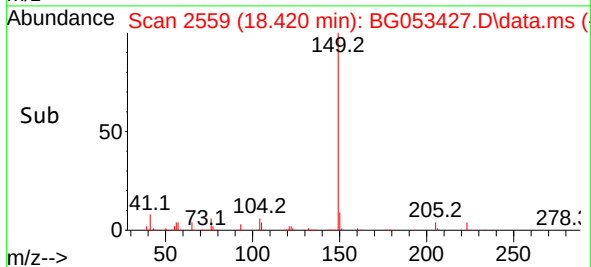
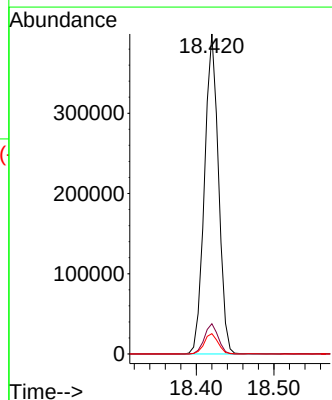
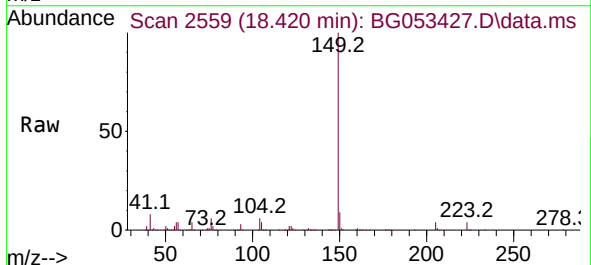
Instrument :
BNA_G
ClientSampleId :
PB144537BS

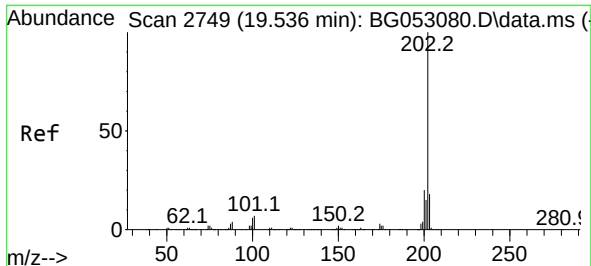
Tgt Ion:167 Resp: 426846
Ion Ratio Lower Upper
167 100
166 22.5 18.5 27.7
139 12.6 10.0 15.0



#74
Di-n-butylphthalate
Concen: 44.016 ng
RT: 18.420 min Scan# 2559
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:149 Resp: 499736
Ion Ratio Lower Upper
149 100
150 9.5 7.0 10.6
104 6.4 4.6 7.0

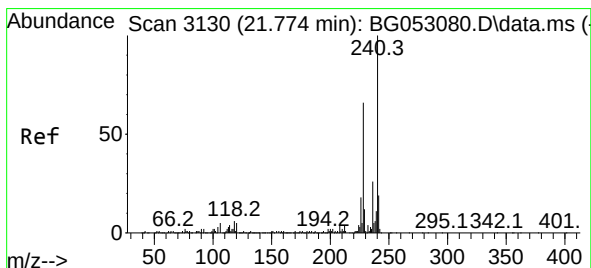
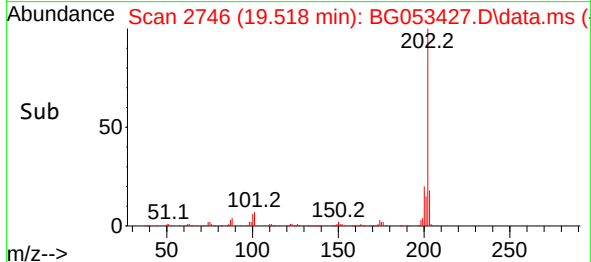
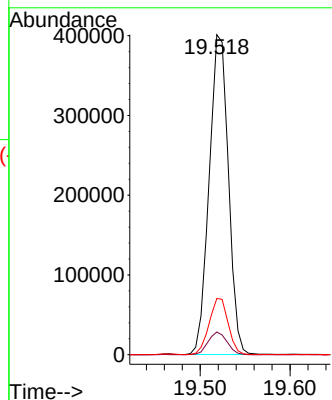
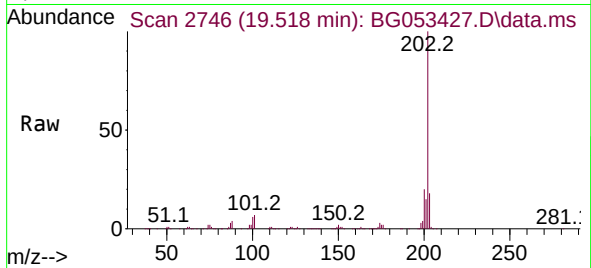




#75
Fluoranthene
Concen: 44.765 ng
RT: 19.518 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

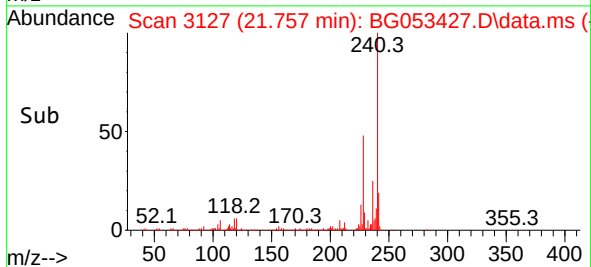
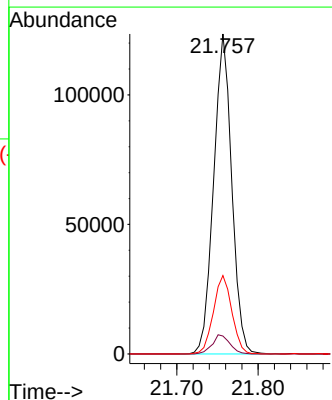
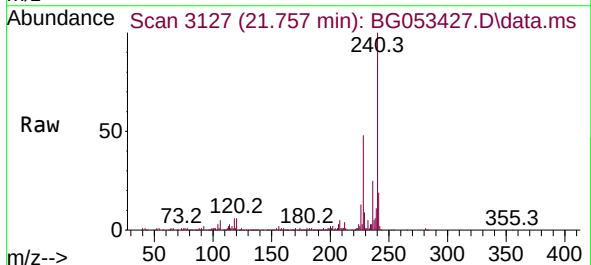
Instrument :
BNA_G
ClientSampleId :
PB144537BS

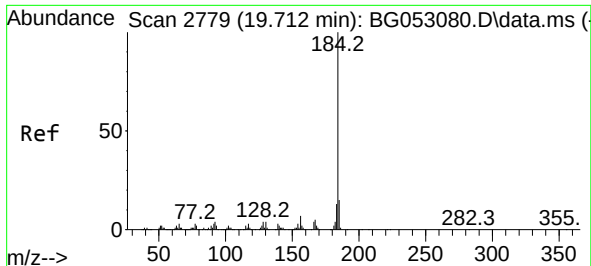
Tgt Ion:202 Resp: 596494
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:240 Resp: 190473
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 24.5 19.8 29.6

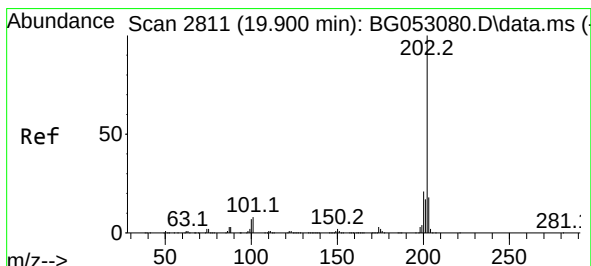
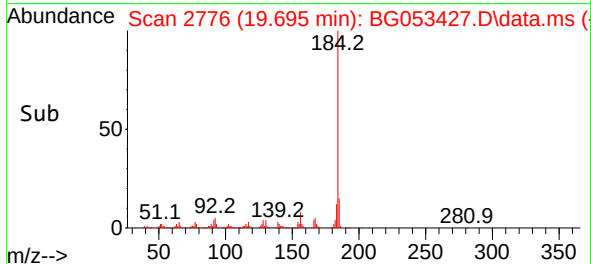
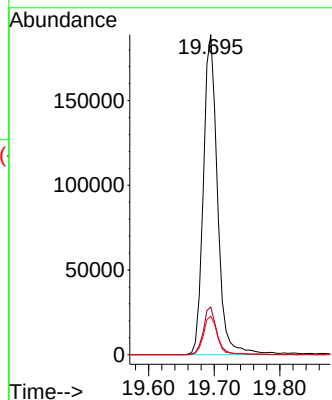
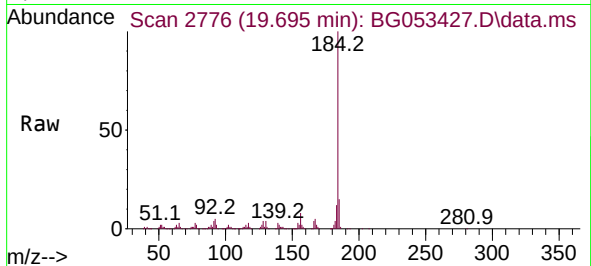




#77
Benzidine
Concen: 52.151 ng
RT: 19.695 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

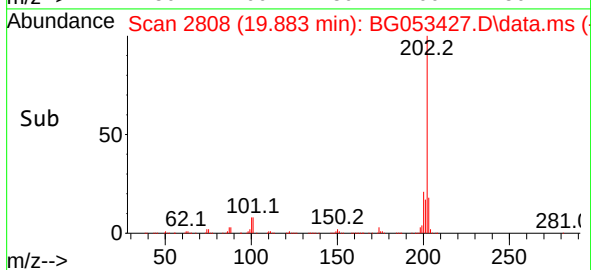
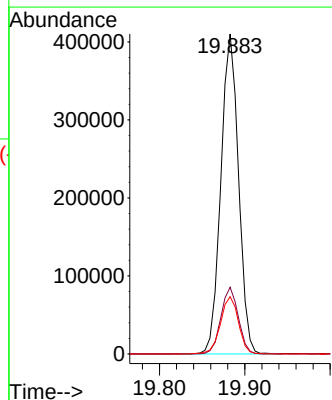
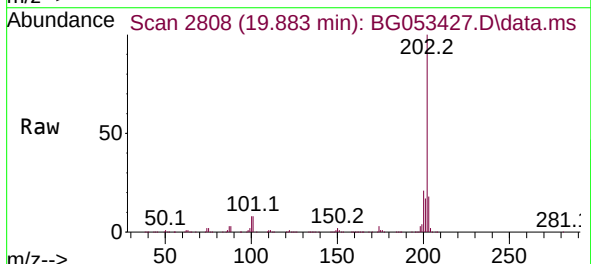
Instrument :
BNA_G
ClientSampleId :
PB144537BS

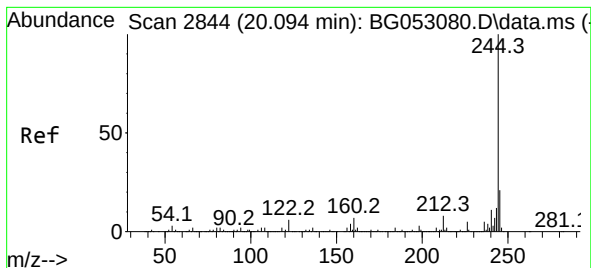
Tgt Ion:184 Resp: 283417
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 12.0 9.4 14.2



#78
Pyrene
Concen: 43.448 ng
RT: 19.883 min Scan# 2808
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:202 Resp: 589389
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.9 15.0 22.6





#79

Terphenyl-d14

Concen: 83.027 ng

RT: 20.077 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

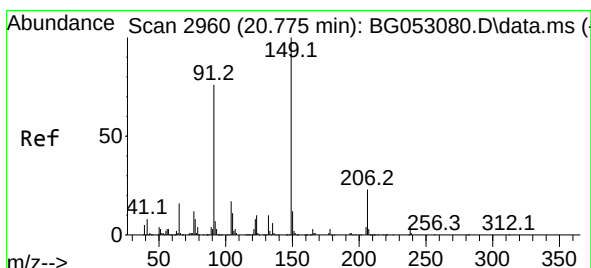
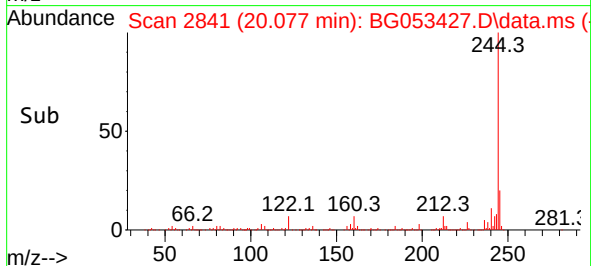
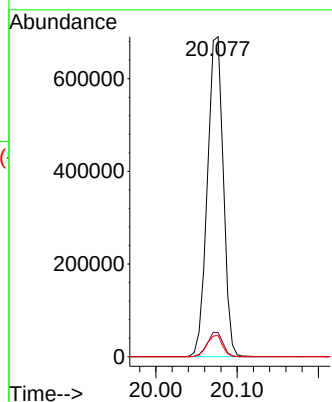
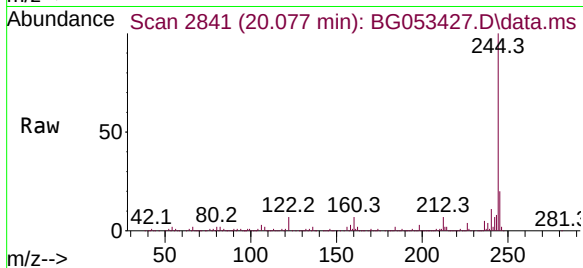
Tgt Ion:244 Resp: 936376

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 6.6 5.8 8.6



#80

Butylbenzylphthalate

Concen: 43.800 ng

RT: 20.758 min Scan# 2957

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

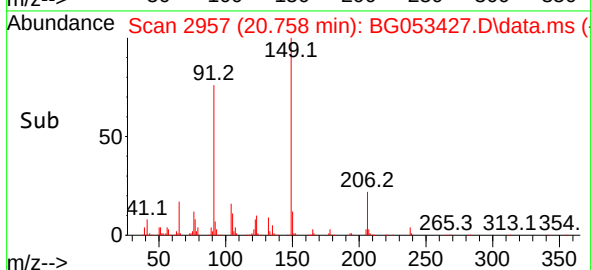
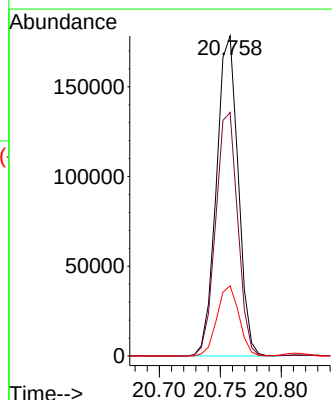
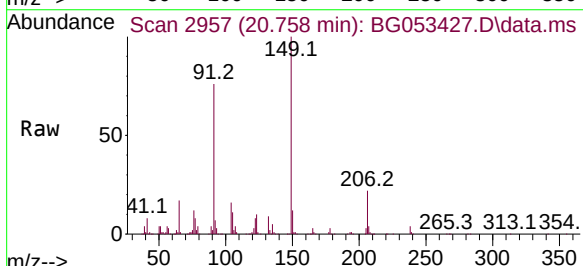
Tgt Ion:149 Resp: 221516

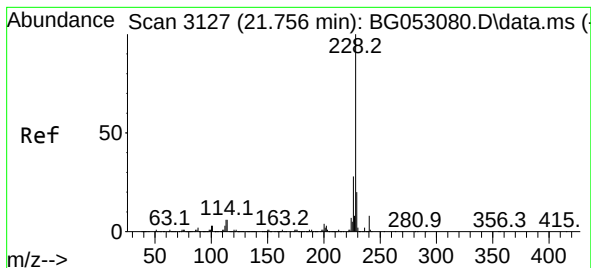
Ion Ratio Lower Upper

149 100

91 76.1 60.2 90.4

206 21.9 19.4 29.2





#81

Benzo(a)anthracene

Concen: 45.006 ng

RT: 21.739 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

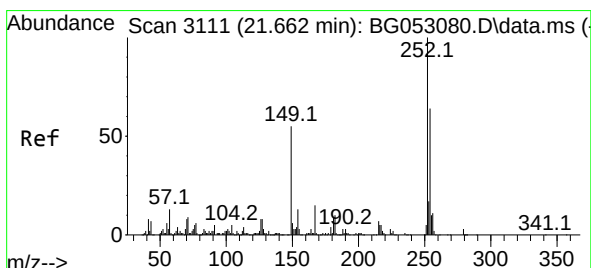
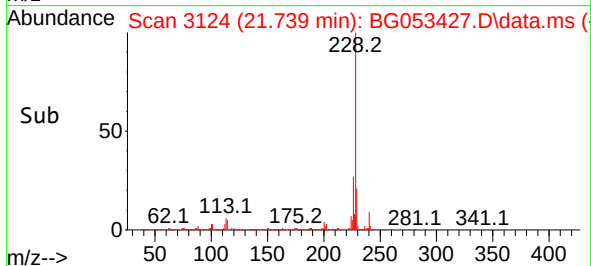
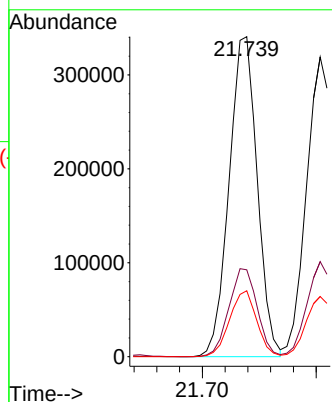
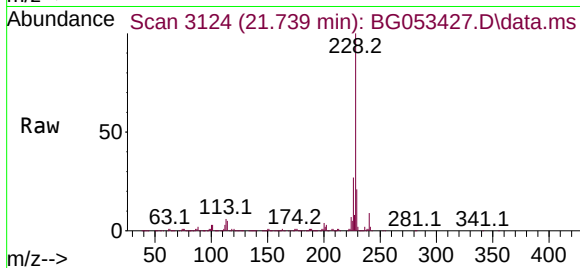
Tgt Ion:228 Resp: 586126

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 20.6 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 34.699 ng

RT: 21.645 min Scan# 3108

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

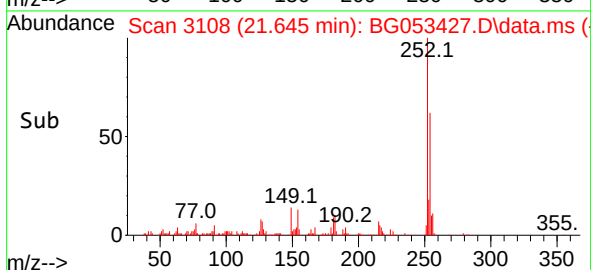
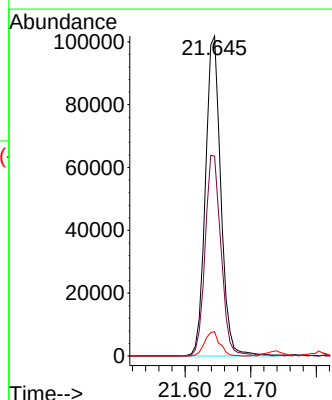
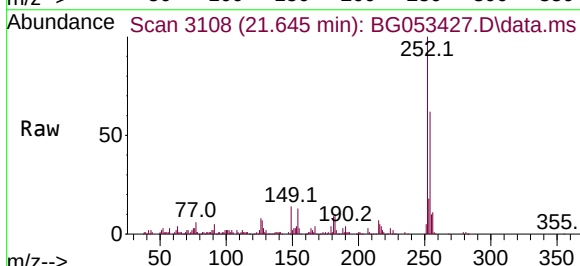
Tgt Ion:252 Resp: 166190

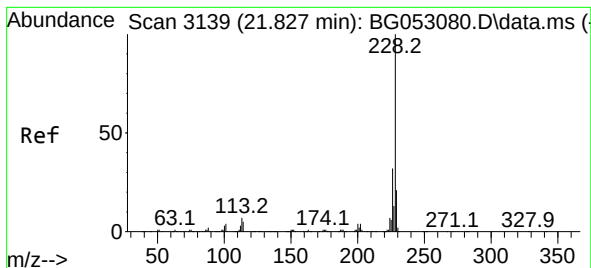
Ion Ratio Lower Upper

252 100

254 62.4 51.2 76.8

126 7.6 5.8 8.8





#83

Chrysene

Concen: 43.990 ng

RT: 21.804 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

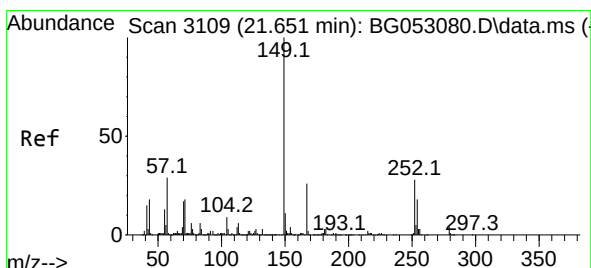
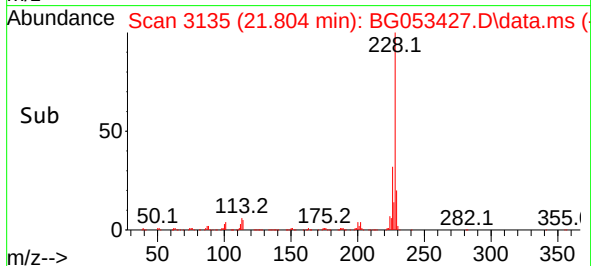
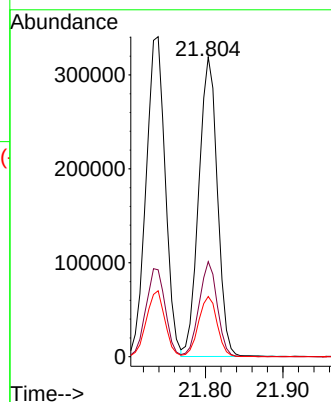
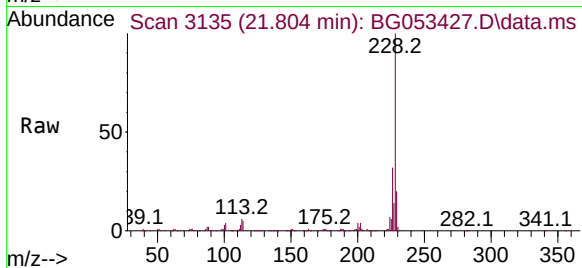
Tgt Ion:228 Resp: 531683

Ion Ratio Lower Upper

228 100

226 31.7 24.2 36.4

229 20.1 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.362 ng

RT: 21.622 min Scan# 3104

Delta R.T. -0.004 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

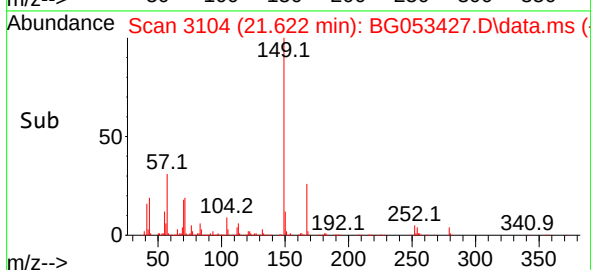
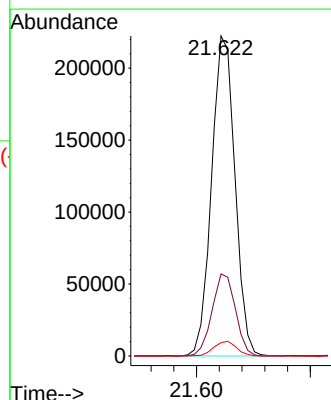
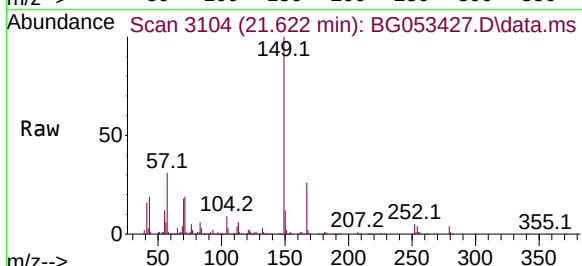
Tgt Ion:149 Resp: 316936

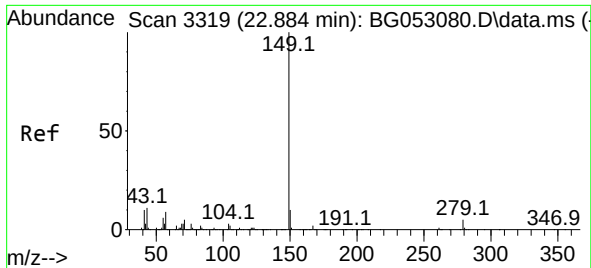
Ion Ratio Lower Upper

149 100

167 25.7 21.4 32.2

279 4.2 3.8 5.8

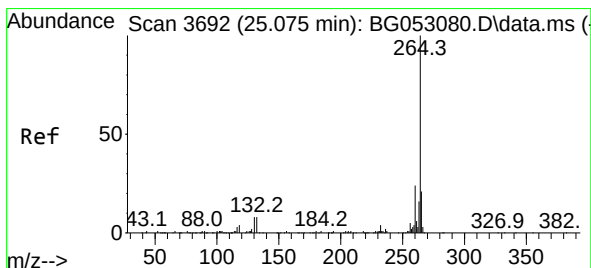
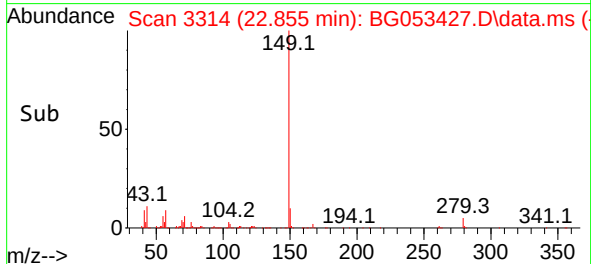
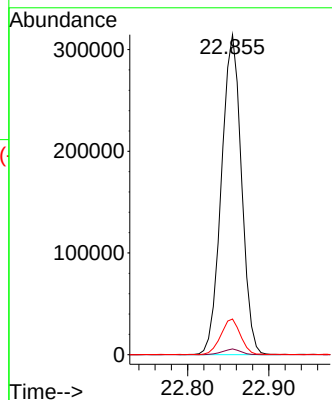
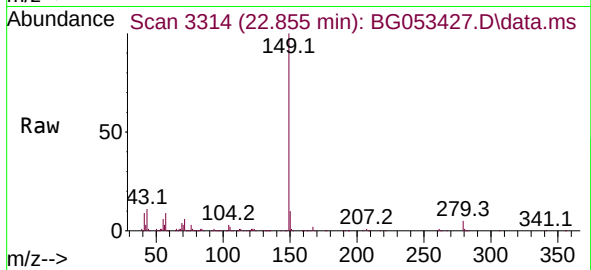




#85
Di-n-octyl phthalate
Concen: 47.174 ng
RT: 22.855 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

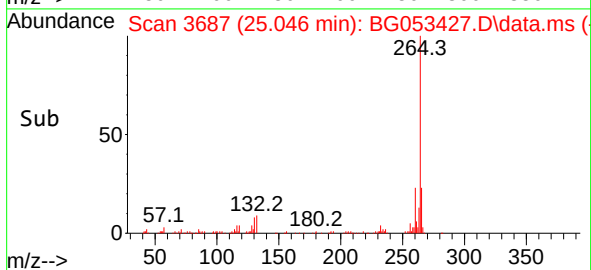
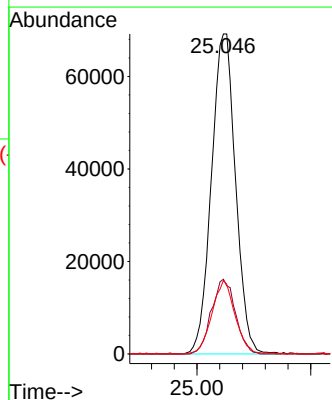
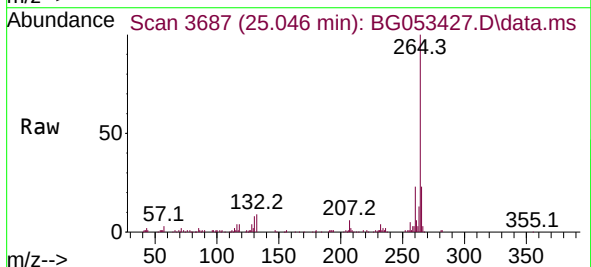
Instrument :
BNA_G
ClientSampleId :
PB144537BS

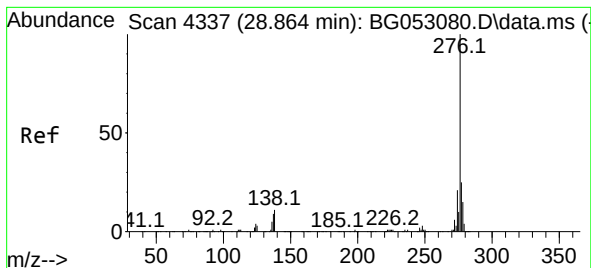
Tgt Ion:149 Resp: 539349
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.046 min Scan# 3687
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:264 Resp: 203728
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.2
265 23.0 15.1 22.7#





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.956 ng

RT: 28.829 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

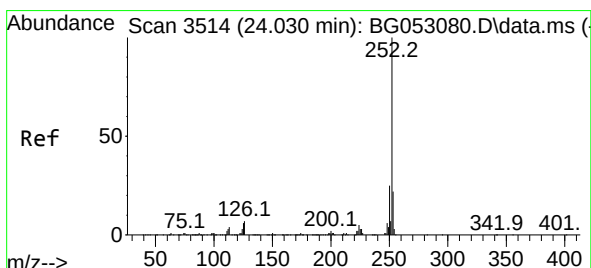
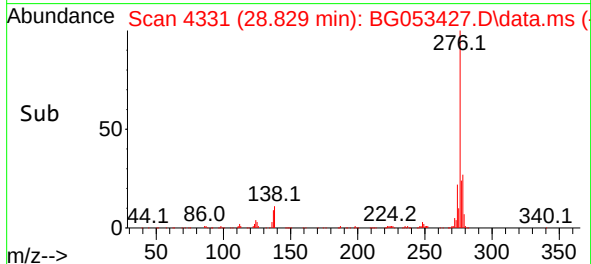
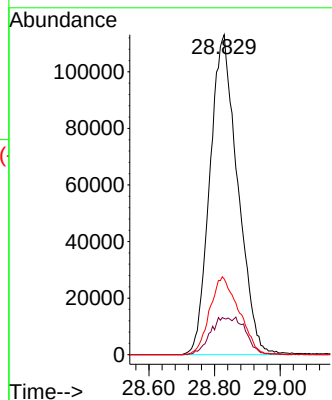
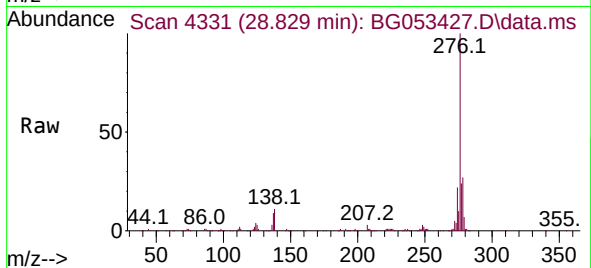
Tgt Ion:276 Resp: 665314

Ion Ratio Lower Upper

276 100

138 8.9 8.7 13.1

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.985 ng

RT: 24.001 min Scan# 3509

Delta R.T. -0.004 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

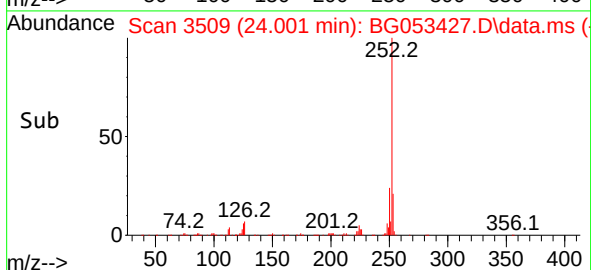
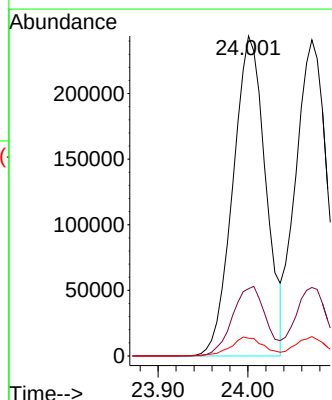
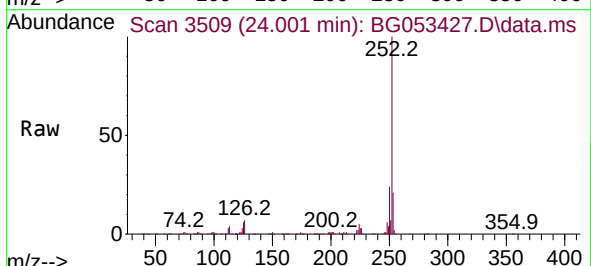
Tgt Ion:252 Resp: 616796

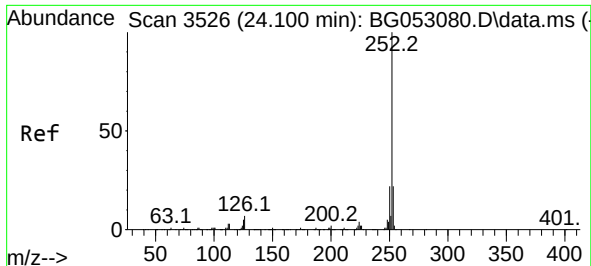
Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

125 5.6 5.2 7.8

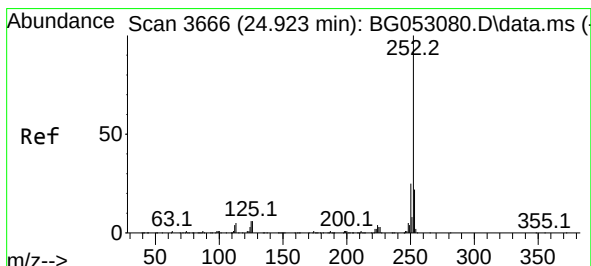
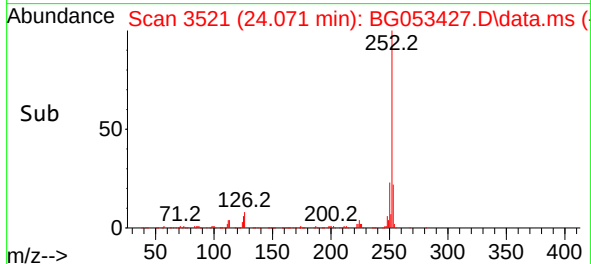
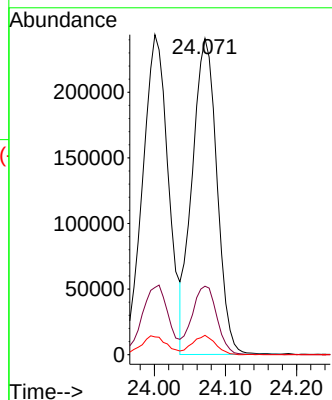
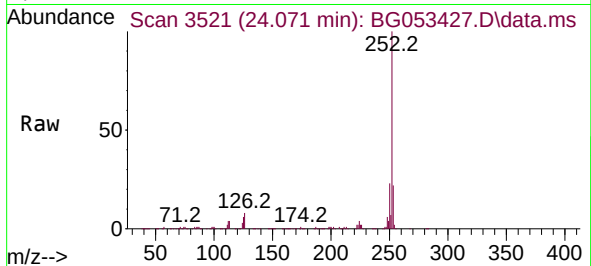




#89
Benzo(k)fluoranthene
Concen: 46.096 ng
RT: 24.071 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

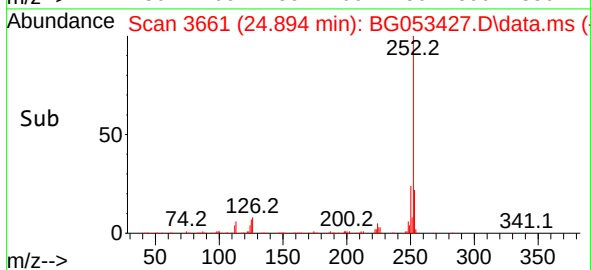
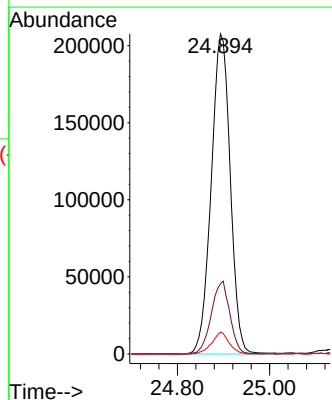
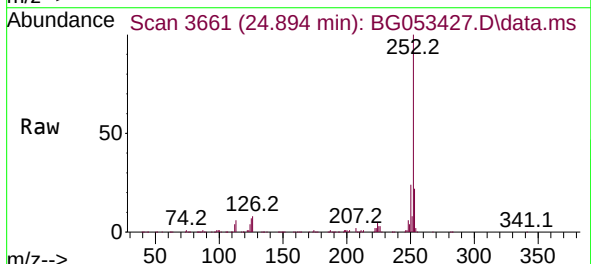
Instrument :
BNA_G
ClientSampleId :
PB144537BS

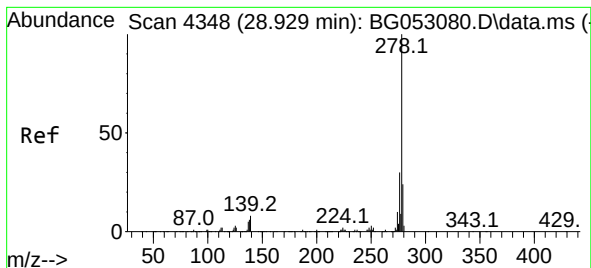
Tgt Ion:252 Resp: 582343
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 6.1 5.0 7.4



#90
Benzo(a)pyrene
Concen: 54.313 ng
RT: 24.894 min Scan# 3661
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:252 Resp: 594759
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 6.9 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 45.656 ng

RT: 28.882 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

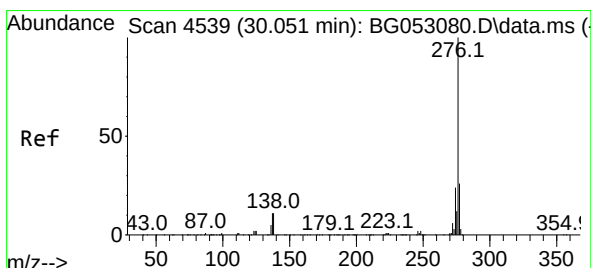
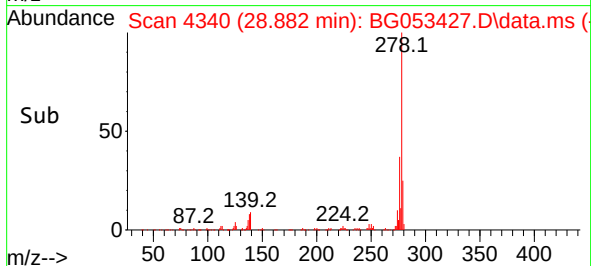
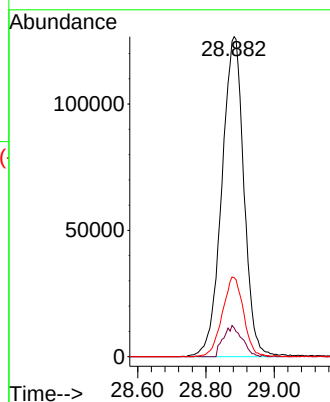
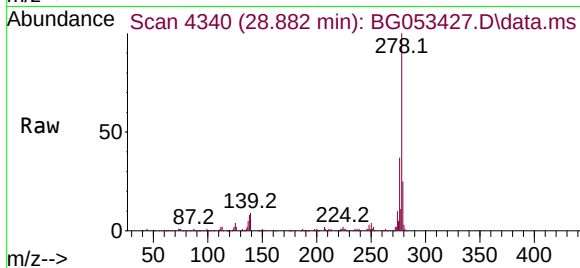
Tgt Ion:278 Resp: 568764

Ion Ratio Lower Upper

278 100

139 9.0 7.8 11.6

279 24.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.506 ng

RT: 29.998 min Scan# 4530

Delta R.T. -0.010 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Tgt Ion:276 Resp: 571032

Ion Ratio Lower Upper

276 100

277 22.8 18.2 27.2

138 12.3 9.1 13.7

