

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054189.D
 Acq On : 1 Jul 2022 13:35
 Operator : CG/JU
 Sample : PB145890BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145890BS

Quant Time: Jul 01 23:33:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	16747	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	70530	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	59578	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	169064	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	179611	20.000	ng	0.00
86) Perylene-d12	24.969	264	181682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	111792	127.627	ng	0.00
7) Phenol-d6	7.231	99	152609	128.430	ng	0.00
23) Nitrobenzene-d5	9.228	82	99569	79.334	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	137500	143.644	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	305664	74.604	ng	0.00
79) Terphenyl-d14	20.045	244	747617	83.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.512	88	9887	25.821	ng	89
3) Pyridine	3.911	79	27508	26.921	ng	90
4) n-Nitrosodimethylamine	3.823	42	18850	41.940	ng	# 92
6) Aniline	7.383	93	55116	39.122	ng	98
8) 2-Chlorophenol	7.630	128	44265	47.329	ng	91
9) Benzaldehyde	7.195	77	27639	39.411	ng	86
10) Phenol	7.260	94	55309	45.928	ng	97
11) bis(2-Chloroethyl)ether	7.477	93	36087	39.042	ng	94
12) 1,3-Dichlorobenzene	7.953	146	46418	39.608	ng	93
13) 1,4-Dichlorobenzene	8.100	146	48209	40.951	ng	95
14) 1,2-Dichlorobenzene	8.423	146	46515	41.160	ng	96
15) Benzyl Alcohol	8.300	79	43124	48.557	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.594	45	55644	40.270	ng	97
17) 2-Methylphenol	8.512	107	38808	46.390	ng	94
18) Hexachloroethane	9.152	117	16572	42.435	ng	# 81
19) n-Nitroso-di-n-propyla...	8.870	70	33388	41.823	ng	# 93
20) 3+4-Methylphenols	8.835	107	52995	45.172	ng	95
22) Acetophenone	8.888	105	66781	38.953	ng	# 97
24) Nitrobenzene	9.269	77	49452	40.013	ng	# 88
25) Isophorone	9.792	82	96091	40.995	ng	# 93
26) 2-Nitrophenol	9.986	139	25880	47.409	ng	# 86
27) 2,4-Dimethylphenol	10.045	122	43146	48.832	ng	93
28) bis(2-Chloroethoxy)met...	10.268	93	53894	42.680	ng	97
29) 2,4-Dichlorophenol	10.527	162	55748	47.059	ng	87
30) 1,2,4-Trichlorobenzene	10.738	180	57997	39.539	ng	# 97
31) Naphthalene	10.926	128	134654	37.819	ng	99
32) Benzoic acid	10.186	122	20707	52.431	ng	# 80
33) 4-Chloroaniline	11.032	127	47794	32.356	ng	93
34) Hexachlorobutadiene	11.214	225	45911	40.710	ng	94
35) Caprolactam	11.849	113	6584	20.189	ng	92
36) 4-Chloro-3-methylphenol	12.154	107	56054	48.675	ng	89
37) 2-Methylnaphthalene	12.524	142	105586	40.081	ng	97
38) 1-Methylnaphthalene	12.742	142	101500	39.571	ng	98
40) 1,2,4,5-Tetrachloroben...	12.895	216	88396	38.505	ng	# 96
41) Hexachlorocyclopentadiene	12.877	237	80474	75.282	ng	97
43) 2,4,6-Trichlorophenol	13.136	196	56278	43.642	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	63731	44.262	ng	# 92
46) 1,1'-Biphenyl	13.529	154	155712	37.521	ng	97
47) 2-Chloronaphthalene	13.576	162	127076	37.837	ng	96
48) 2-Nitroaniline	13.770	65	40179	44.973	ng	88
49) Acenaphthylene	14.416	152	200436	38.380	ng	99
50) Dimethylphthalate	14.140	163	183777	40.503	ng	99
51) 2,6-Dinitrotoluene	14.264	165	41727	45.517	ng	# 78
52) Acenaphthene	14.757	154	121326	36.446	ng	99
53) 3-Nitroaniline	14.593	138	31221	35.153	ng	88
54) 2,4-Dinitrophenol	14.804	184	51161	99.277	ng	# 83
55) Dibenzofuran	15.092	168	213917	39.884	ng	94
56) 4-Nitrophenol	14.910	139	59636	94.577	ng	90
57) 2,4-Dinitrotoluene	15.051	165	62575	48.332	ng	# 86
58) Fluorene	15.738	166	179730	40.813	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.321	232	62033	44.055	ng	# 91
60) Diethylphthalate	15.503	149	184864	42.071	ng	96
61) 4-Chlorophenyl-phenyle...	15.727	204	112760	42.770	ng	# 88
62) 4-Nitroaniline	15.756	138	38797	41.888	ng	# 84
63) Azobenzene	16.020	77	143760	40.644	ng	89
65) 4,6-Dinitro-2-methylph...	15.821	198	39224	46.503	ng	81
66) n-Nitrosodiphenylamine	15.944	169	166023	37.680	ng	98
67) 4-Bromophenyl-phenylether	16.626	248	85559	40.520	ng	# 91
68) Hexachlorobenzene	16.749	284	95982	39.738	ng	# 92
69) Atrazine	16.890	200	83667	45.839	ng	94
70) Pentachlorophenol	17.096	266	98272	87.588	ng	97
71) Phenanthrene	17.483	178	327079	37.656	ng	98
72) Anthracene	17.572	178	331397	39.070	ng	100
73) Carbazole	17.836	167	289461	39.758	ng	98
74) Di-n-butylphthalate	18.394	149	336148	39.933	ng	# 97
75) Fluoranthene	19.493	202	424811	37.256	ng	97
77) Benzidine	19.663	184	179207	48.180	ng	97
78) Pyrene	19.851	202	426756	39.339	ng	99
80) Butylbenzylphthalate	20.727	149	139095	40.003	ng	91
81) Benzo(a)anthracene	21.696	228	440534	37.881	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	138205	39.777	ng	99
83) Chrysene	21.761	228	410343	37.017	ng	97
84) Bis(2-ethylhexyl)phtha...	21.596	149	196813	39.576	ng	# 94
85) Di-n-octyl phthalate	22.812	149	333257	38.989	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.711	276	524761	38.274	ng	99
88) Benzo(b)fluoranthene	23.941	252	454333	41.128	ng	99
89) Benzo(k)fluoranthene	24.005	252	447362	40.902	ng	99
90) Benzo(a)pyrene	24.822	252	406484	43.612	ng	99
91) Dibenzo(a,h)anthracene	28.758	278	468569	41.329	ng	# 95
92) Benzo(g,h,i)perylene	29.881	276	450079	40.226	ng	95

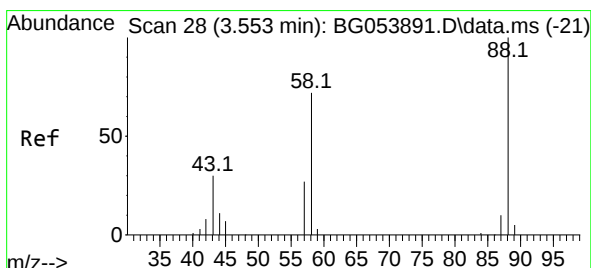
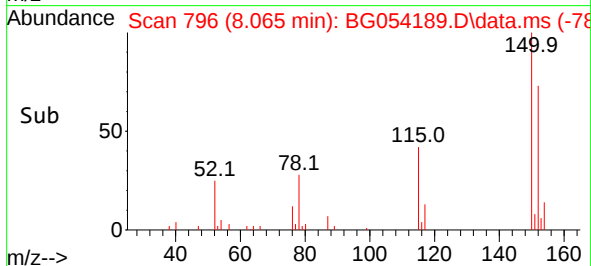
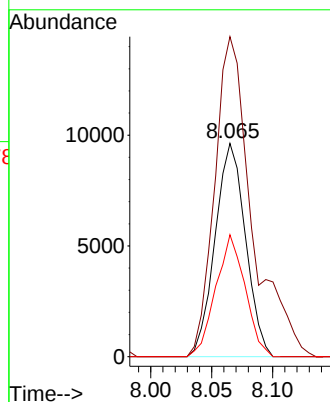
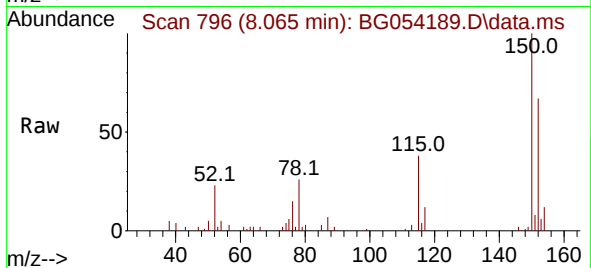
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

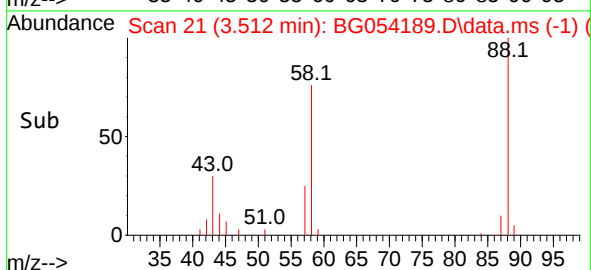
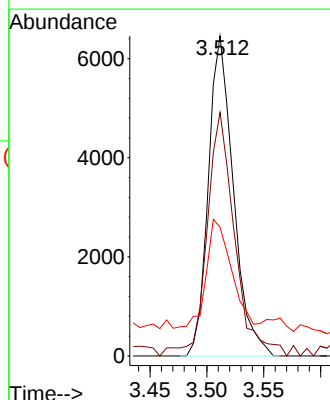
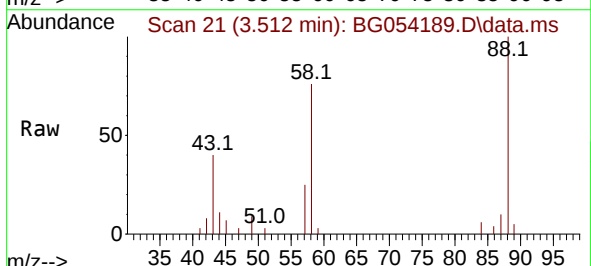
Instrument :
BNA_G
ClientSampleId :
PB145890BS

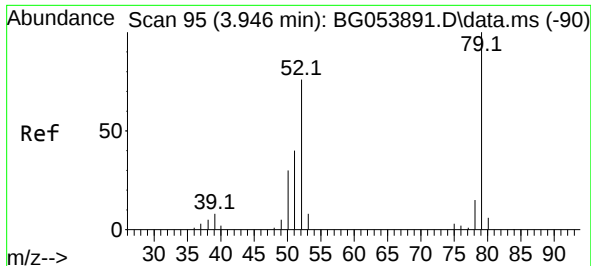
Tgt Ion:152 Resp: 16747
Ion Ratio Lower Upper
152 100
150 150.0 131.6 197.4
115 57.2 50.9 76.3



#2
1,4-Dioxane
Concen: 25.821 ng
RT: 3.512 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 88 Resp: 9887
Ion Ratio Lower Upper
88 100
58 84.0 59.2 88.8
43 34.3 24.3 36.5

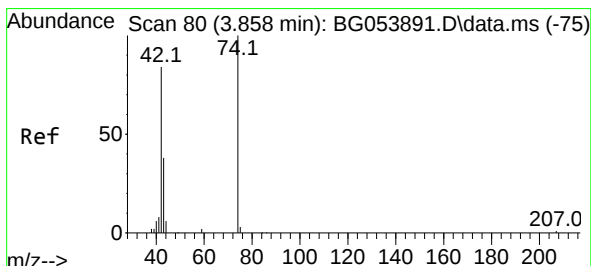
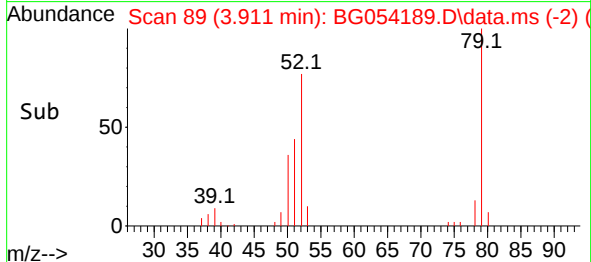
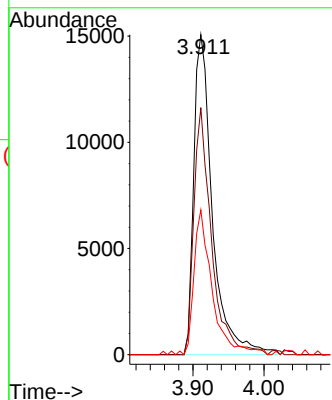
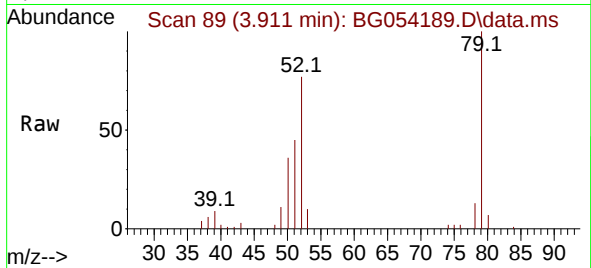




#3
 Pyridine
 Concen: 26.921 ng
 RT: 3.911 min Scan# 89
 Delta R.T. -0.017 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

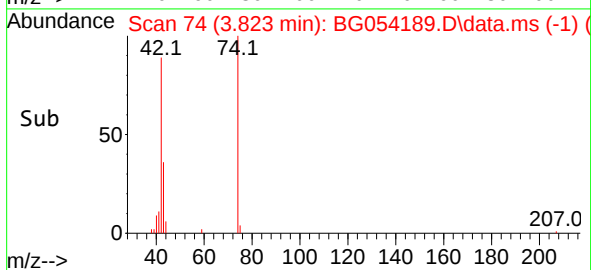
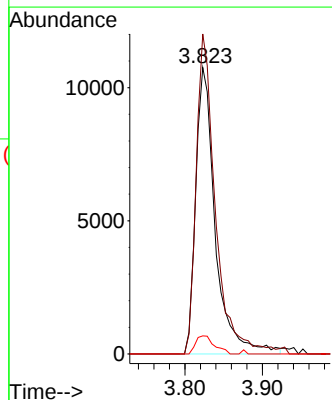
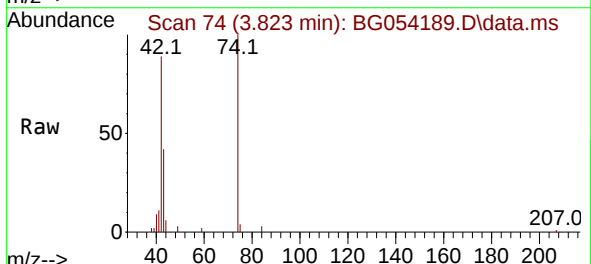
Instrument :
 BNA_G
 ClientSampleId :
 PB145890BS

Tgt Ion: 79 Resp: 27508
 Ion Ratio Lower Upper
 79 100
 52 77.2 54.6 81.8
 51 45.2 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 41.940 ng
 RT: 3.823 min Scan# 74
 Delta R.T. -0.017 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

Tgt Ion: 42 Resp: 18850
 Ion Ratio Lower Upper
 42 100
 74 111.8 97.0 145.4
 44 6.3 7.0 10.4

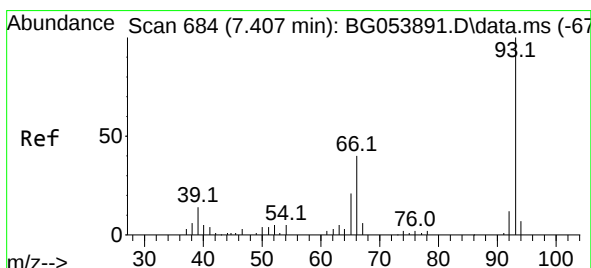
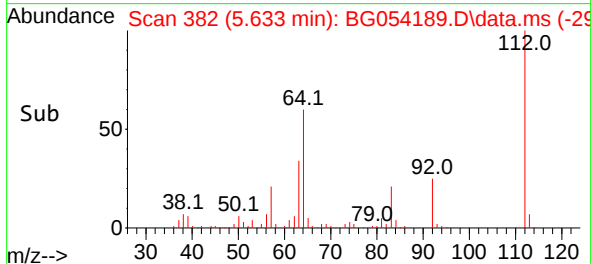
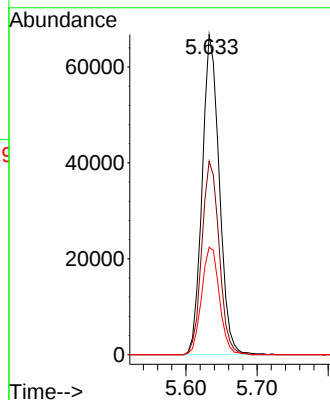
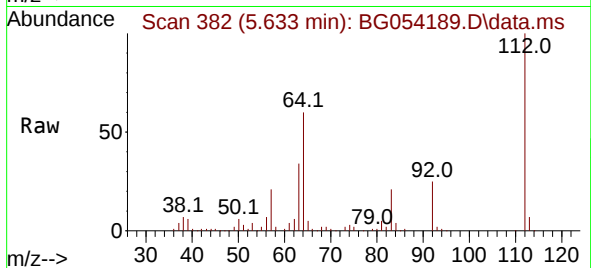




#5
2-Fluorophenol
Concen: 127.627 ng
RT: 5.633 min Scan# 311
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

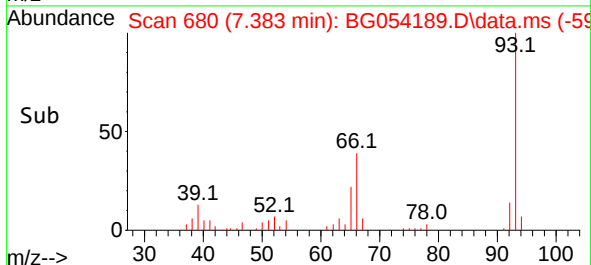
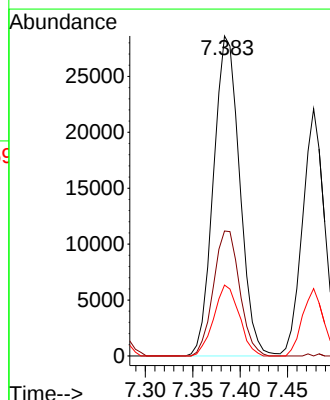
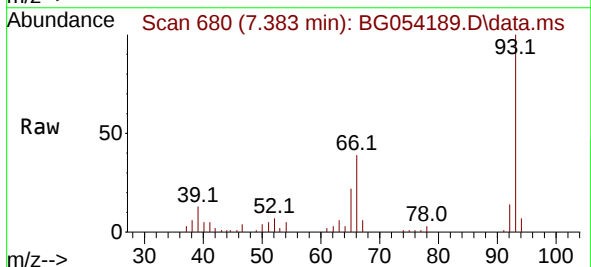
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:112 Resp: 111792
Ion Ratio Lower Upper
112 100
64 60.5 55.1 82.7
63 33.5 30.4 45.6



#6
Aniline
Concen: 39.122 ng
RT: 7.383 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 93 Resp: 55116
Ion Ratio Lower Upper
93 100
66 39.1 32.9 49.3
65 22.2 17.8 26.8

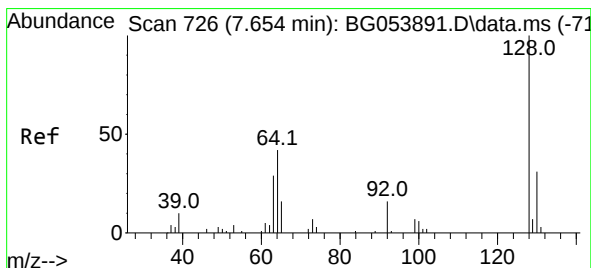
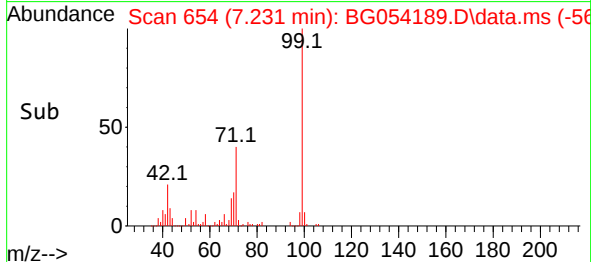
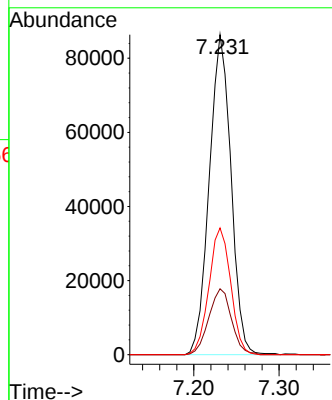
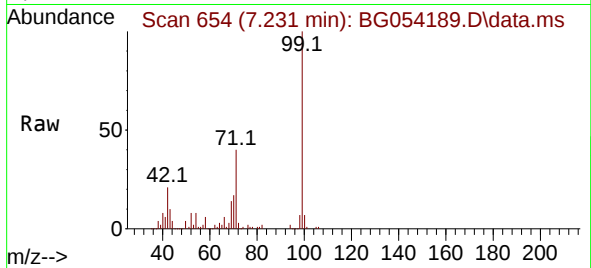




#7
Phenol-d6
Concen: 128.430 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

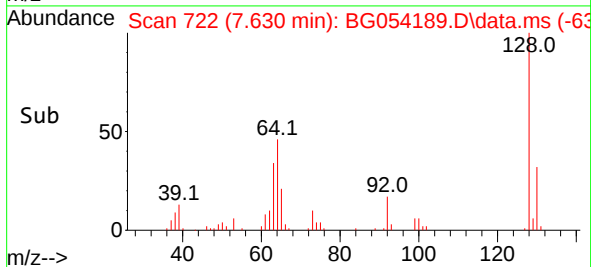
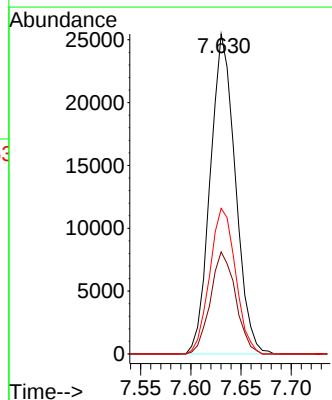
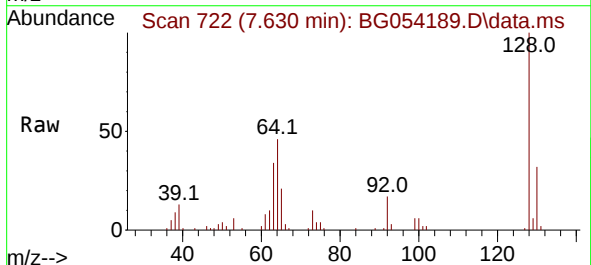
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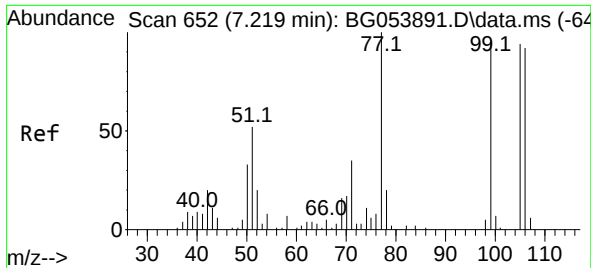
Tgt Ion: 99 Resp: 152609
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.6 33.8 50.8



#8
2-Chlorophenol
Concen: 47.329 ng
RT: 7.630 min Scan# 722
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:128 Resp: 44265
Ion Ratio Lower Upper
128 100
130 31.9 10.5 50.5
64 45.5 35.1 75.1

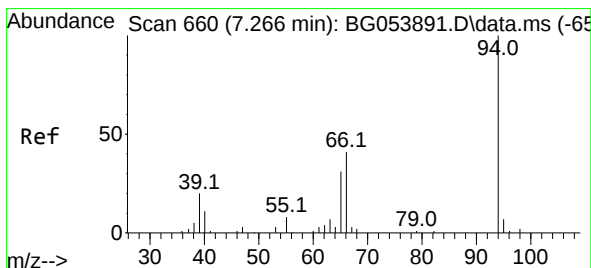
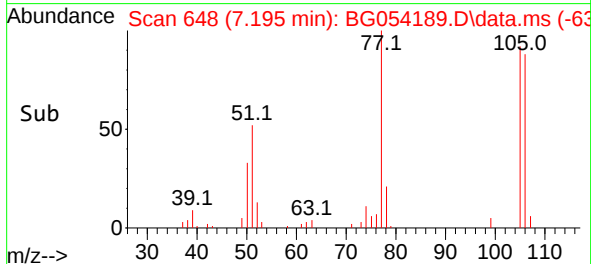
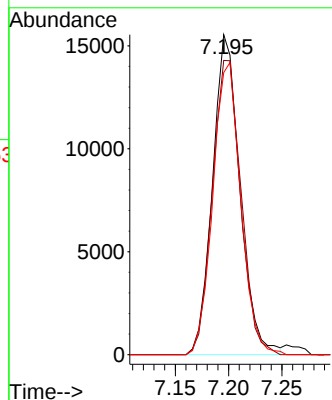
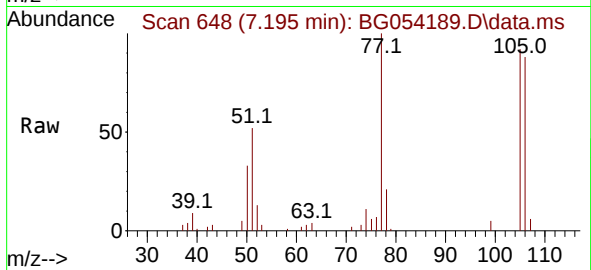




#9
Benzaldehyde
Concen: 39.411 ng
RT: 7.195 min Scan# 64
Delta R.T. -0.011 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

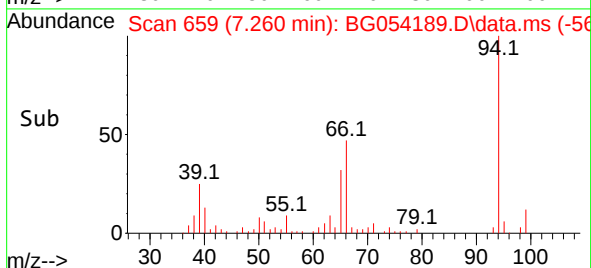
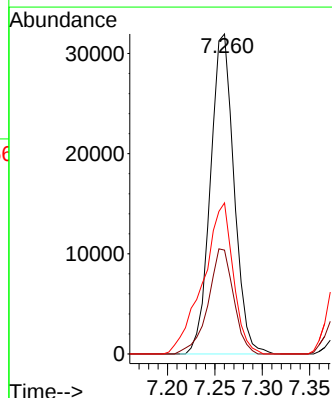
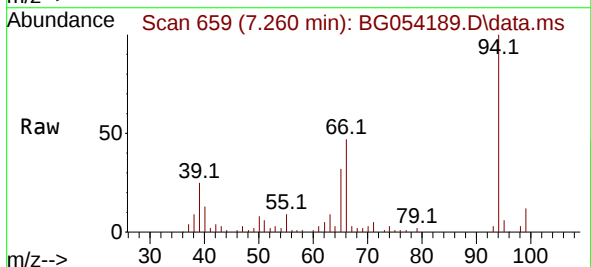
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion: 77 Resp: 27639
Ion Ratio Lower Upper
77 100
105 92.0 59.6 99.6
106 88.1 56.8 96.8



#10
Phenol
Concen: 45.928 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 94 Resp: 55309
Ion Ratio Lower Upper
94 100
65 32.4 14.8 54.8
66 47.2 25.2 65.2

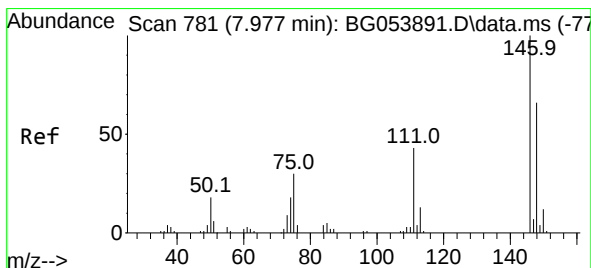
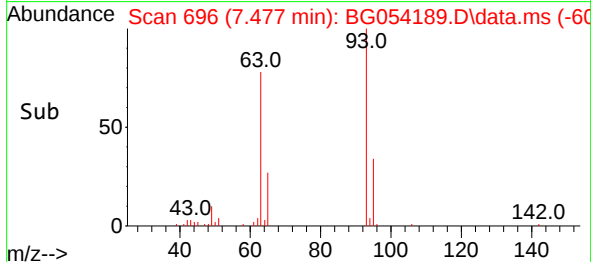
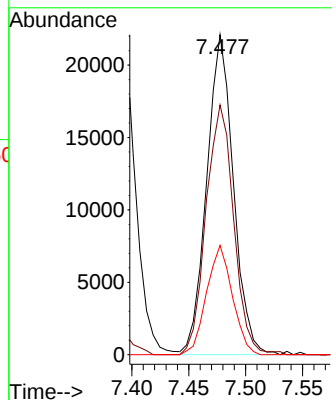
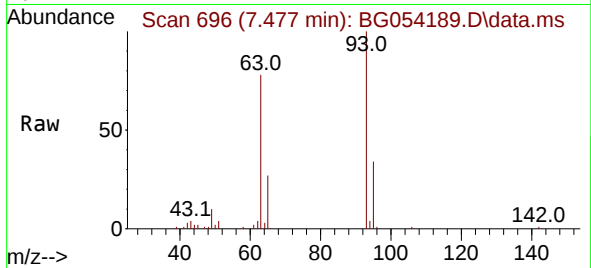




#11
bis(2-Chloroethyl)ether
Concen: 39.042 ng
RT: 7.477 min Scan# 696
Delta R.T. -0.011 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

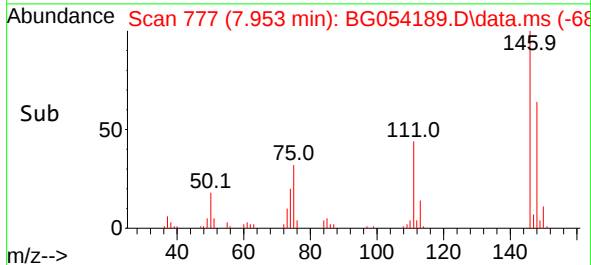
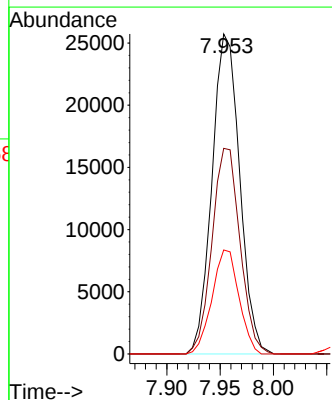
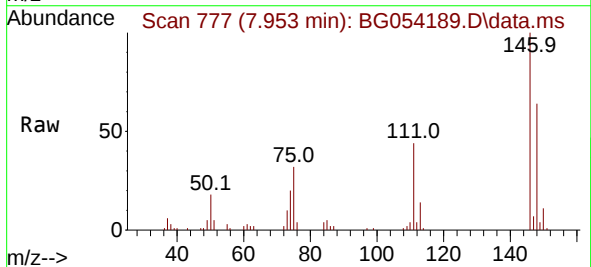
Instrument :
BNA_G
ClientSampleId :
PB145890BS

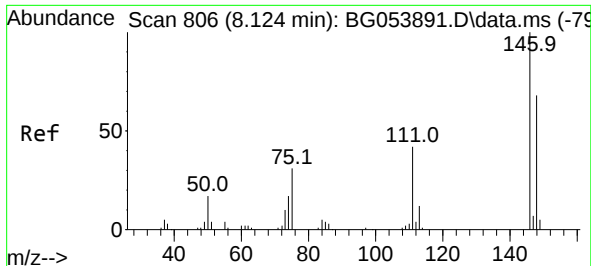
Tgt Ion: 93 Resp: 36087
Ion Ratio Lower Upper
93 100
63 78.1 63.6 103.6
95 34.2 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 39.608 ng
RT: 7.953 min Scan# 777
Delta R.T. -0.011 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 146 Resp: 46418
Ion Ratio Lower Upper
146 100
148 64.2 46.1 69.1
75 32.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.951 ng

RT: 8.100 min Scan# 80

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

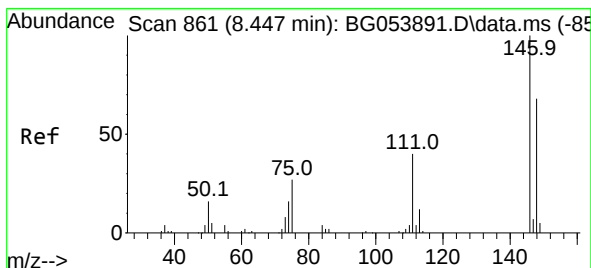
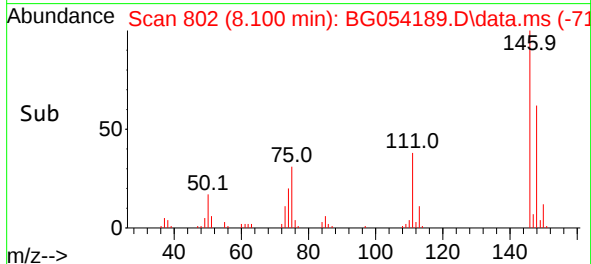
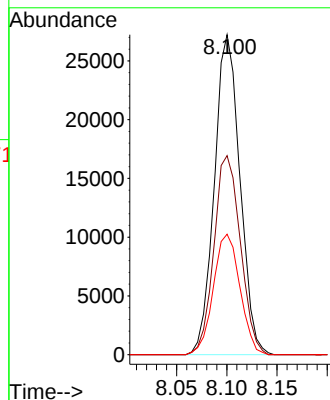
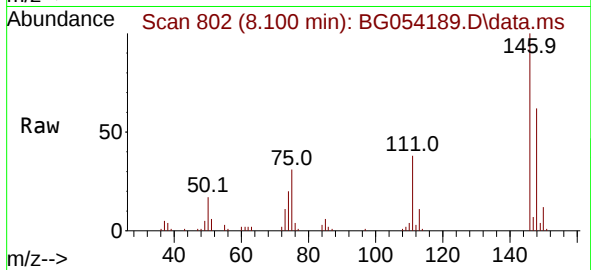
Tgt Ion:146 Resp: 48209

Ion Ratio Lower Upper

146 100

148 62.2 51.5 77.3

111 37.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.160 ng

RT: 8.423 min Scan# 857

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

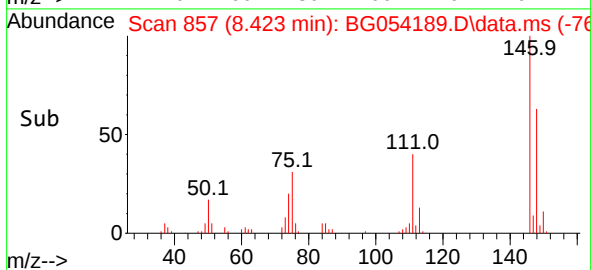
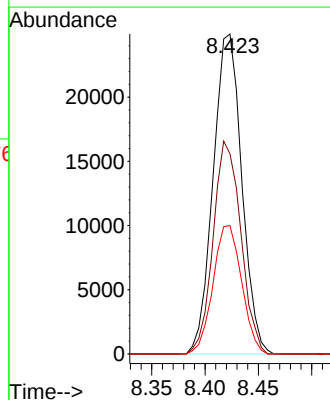
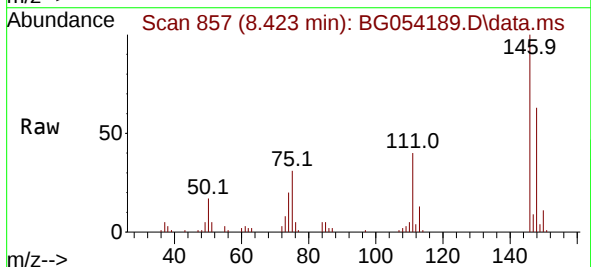
Tgt Ion:146 Resp: 46515

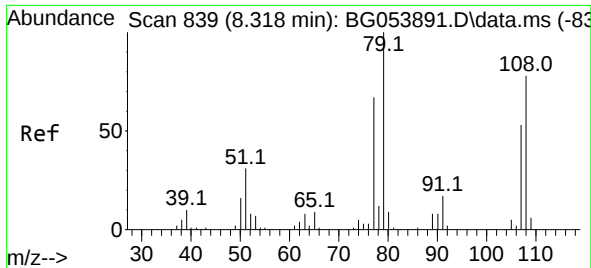
Ion Ratio Lower Upper

146 100

148 62.5 52.6 78.8

111 40.1 34.5 51.7

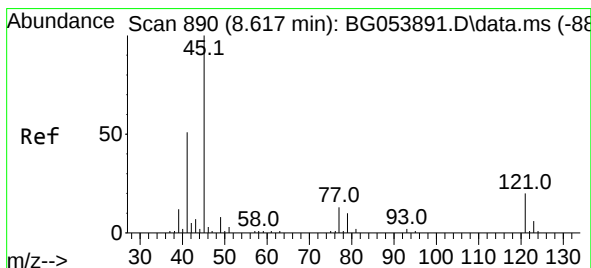
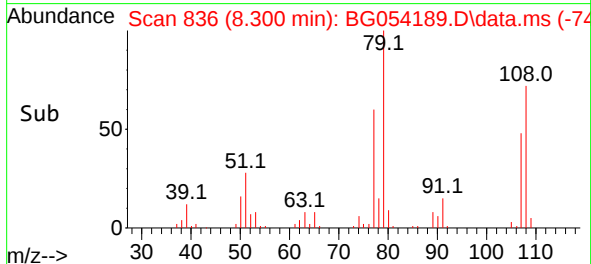
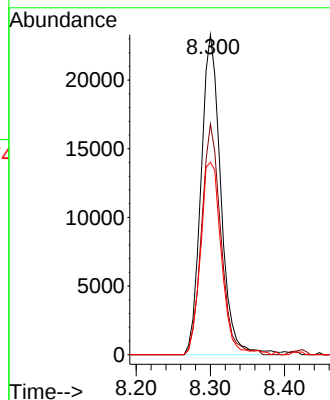
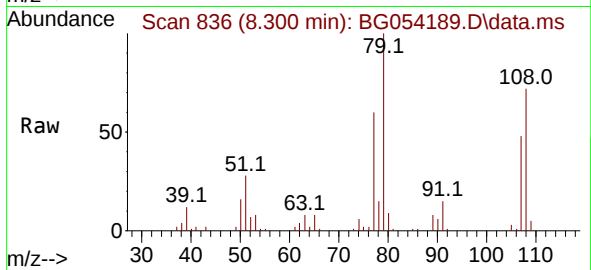




#15
Benzyl Alcohol
Concen: 48.557 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

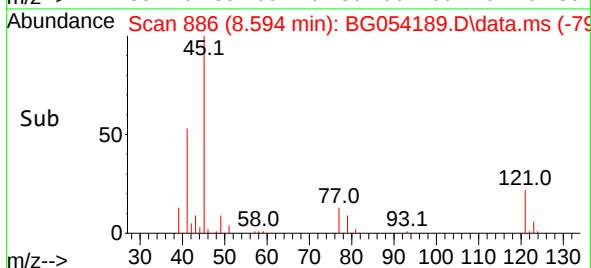
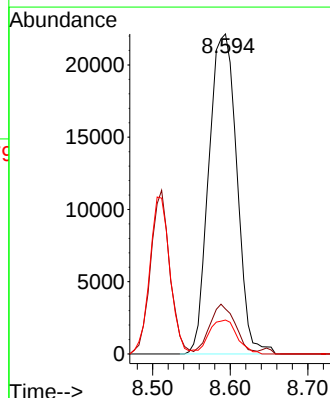
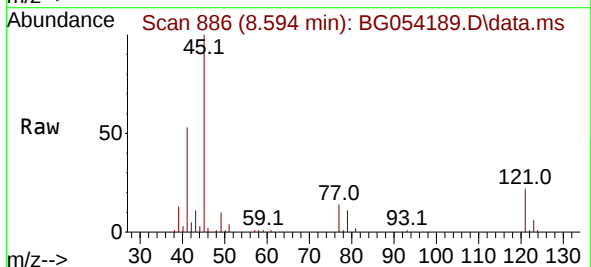
Instrument :
BNA_G
ClientSampleId :
PB145890BS

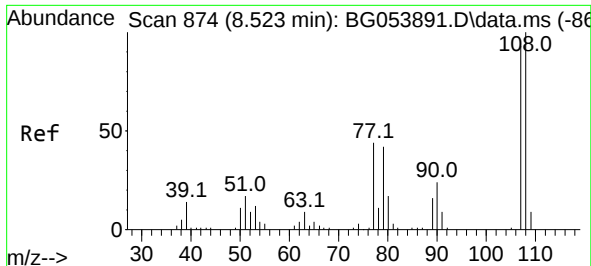
Tgt Ion: 79 Resp: 43124
Ion Ratio Lower Upper
79 100
108 72.0 53.7 80.5
77 60.1 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.270 ng
RT: 8.594 min Scan# 886
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

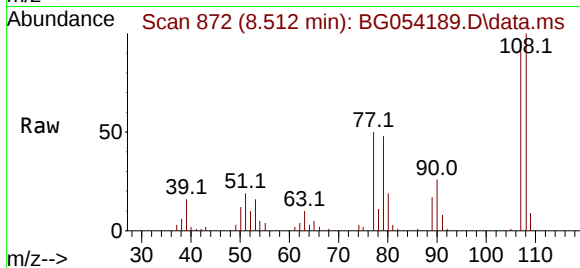
Tgt Ion: 45 Resp: 55644
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.7
79 10.6 0.0 29.7



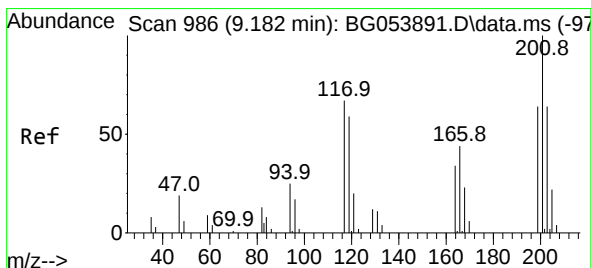
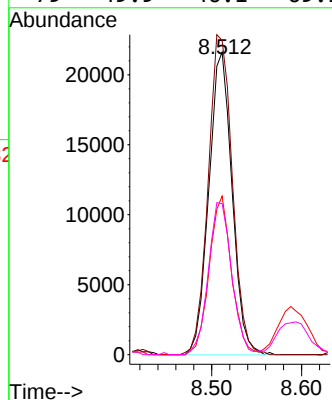


#17
2-Methylphenol
Concen: 46.390 ng
RT: 8.512 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Instrument :
BNA_G
ClientSampleId :
PB145890BS

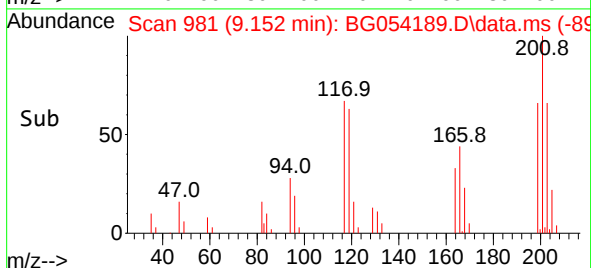
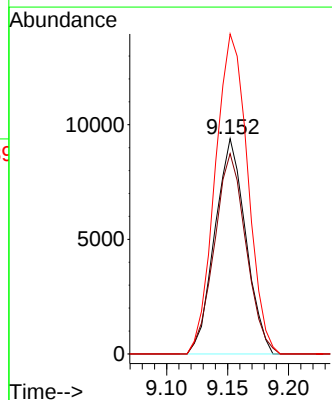
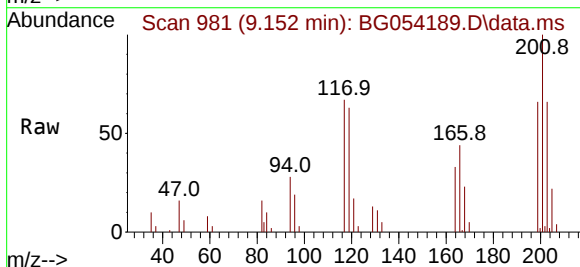


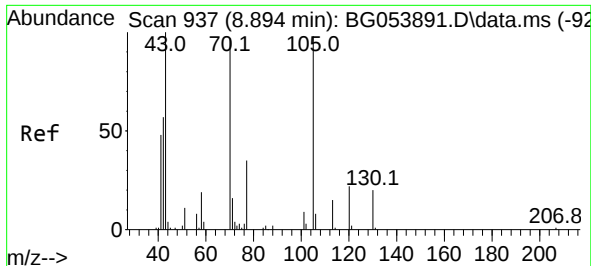
Tgt Ion:	107	Resp:	38808
Ion	Ratio	Lower	Upper
107	100		
108	103.9	85.4	128.0
77	52.4	46.2	69.2
79	49.9	46.1	69.1



#18
Hexachloroethane
Concen: 42.435 ng
RT: 9.152 min Scan# 981
Delta R.T. -0.011 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:	117	Resp:	16572
Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.0	112.6
201	148.6	89.0	133.6#



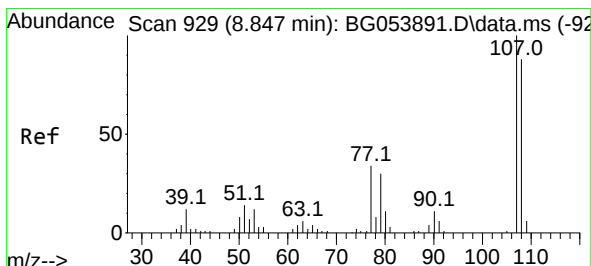
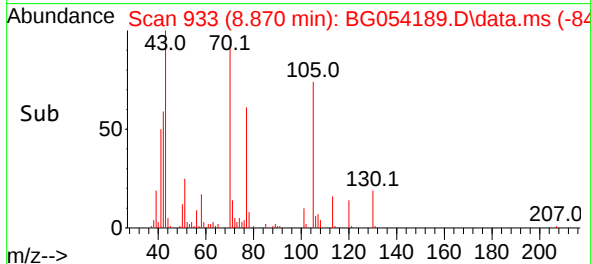
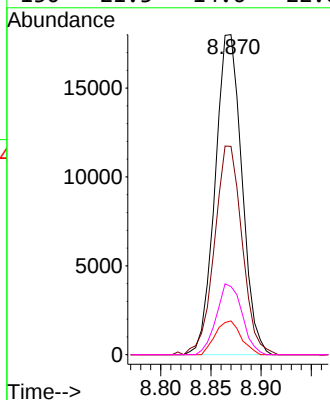
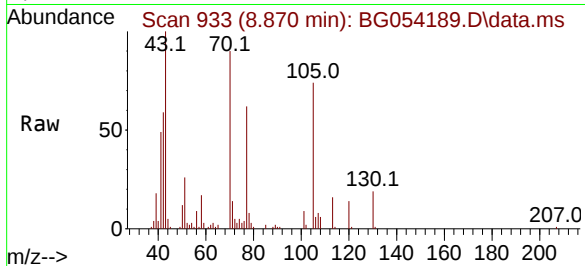


#19
n-Nitroso-di-n-propylamine
Concen: 41.823 ng
RT: 8.870 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion: 70 Resp: 33388

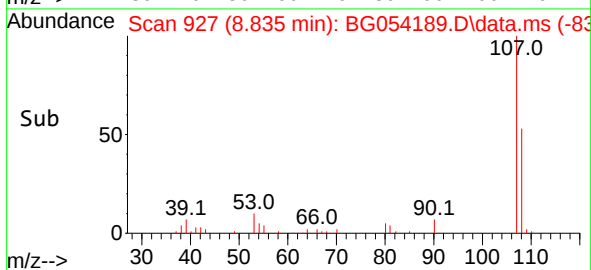
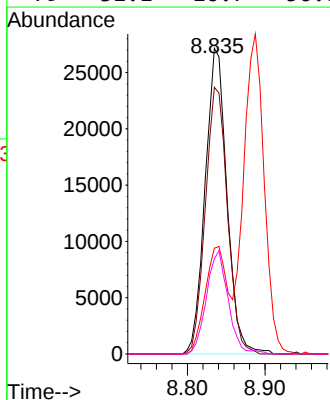
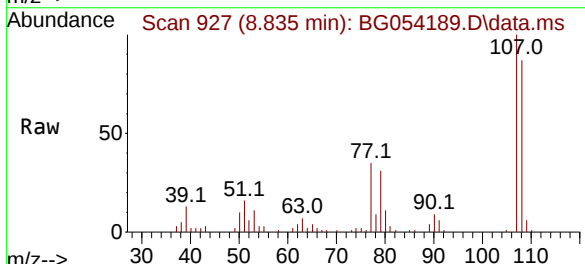
Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.3	70.9
101	10.6	7.0	10.4
130	21.3	14.6	22.0

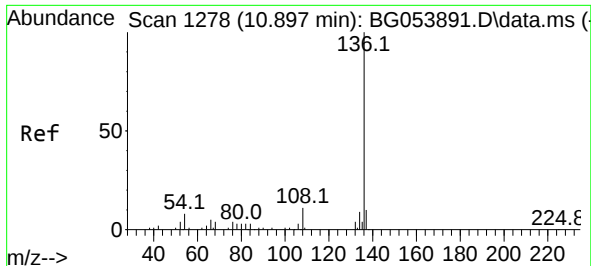


#20
3+4-Methylphenols
Concen: 45.172 ng
RT: 8.835 min Scan# 927
Delta R.T. 0.000 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 107 Resp: 52995

Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.5	107.5
77	34.6	20.3	60.3
79	31.1	16.7	56.7

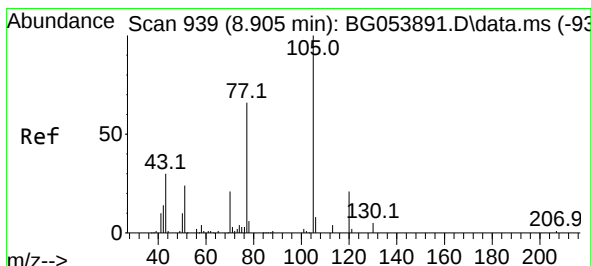
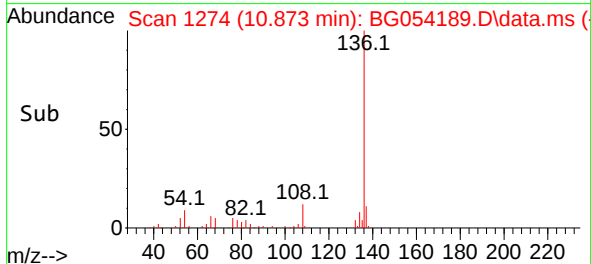
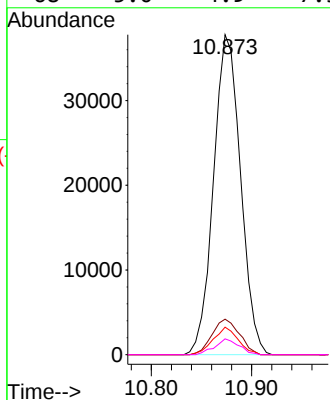
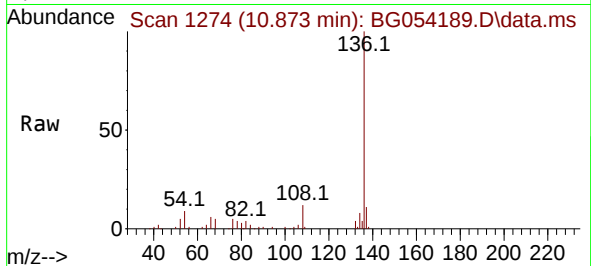




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

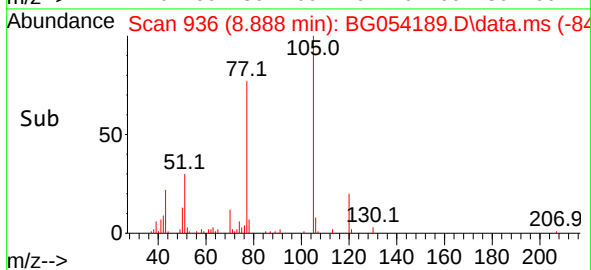
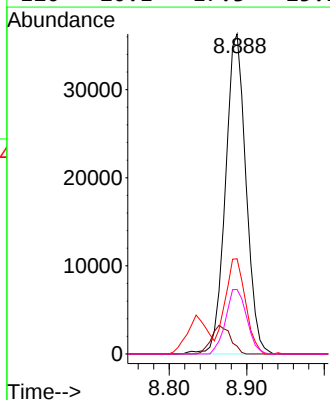
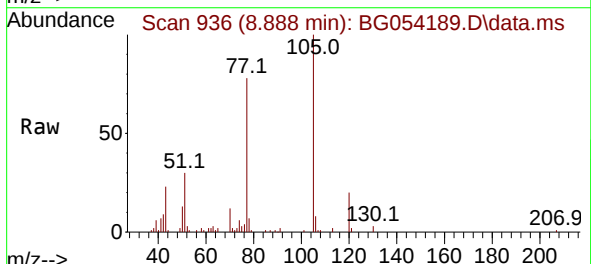
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:	136	Resp:	70530
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.6	7.4	11.2
68	5.0	4.9	7.3



#22
Acetophenone
Concen: 38.953 ng
RT: 8.888 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:	105	Resp:	66781
Ion Ratio	Lower	Upper	
105	100		
71	2.4	1.1	1.7#
51	29.8	25.4	38.0
120	20.1	17.3	25.9

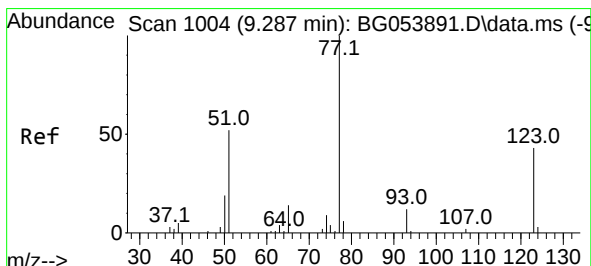
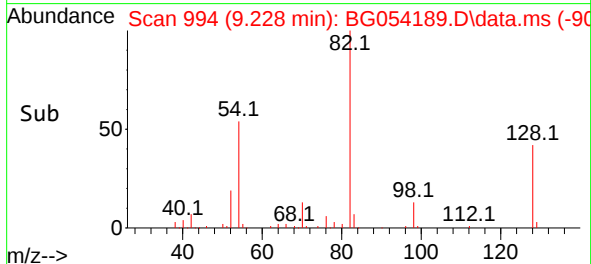
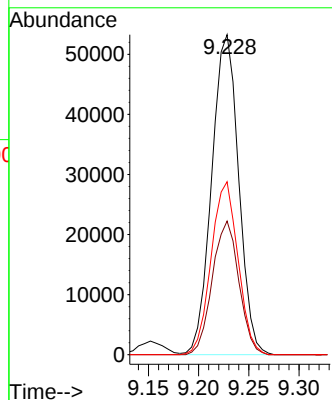
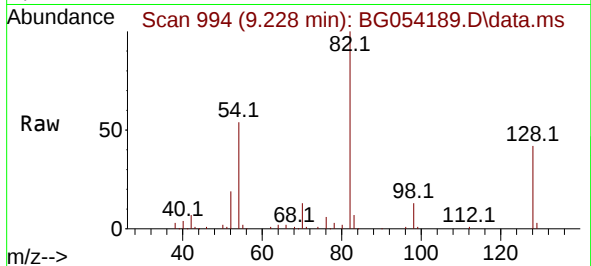




#23
Nitrobenzene-d5
Concen: 79.334 ng
RT: 9.228 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

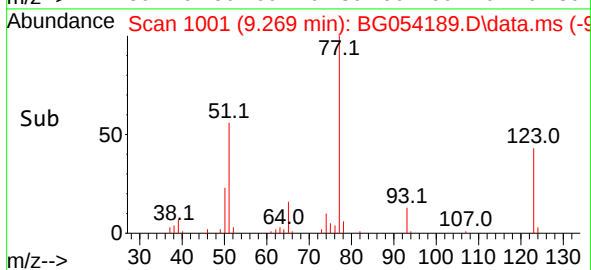
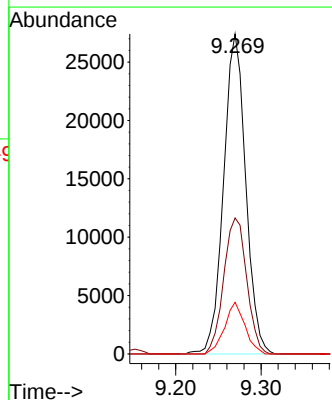
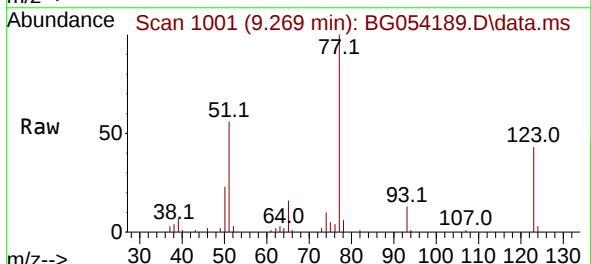
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion: 82 Resp: 99569
Ion Ratio Lower Upper
82 100
128 41.7 27.9 41.9
54 54.1 41.2 61.8



#24
Nitrobenzene
Concen: 40.013 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 77 Resp: 49452
Ion Ratio Lower Upper
77 100
123 42.5 27.4 41.0#
65 16.2 11.4 17.0

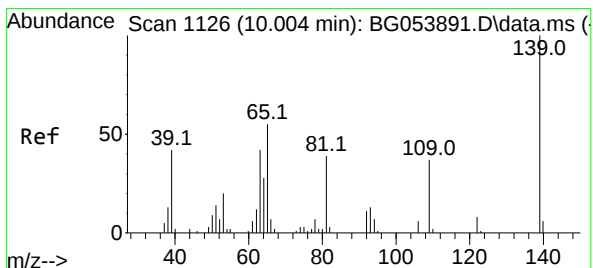
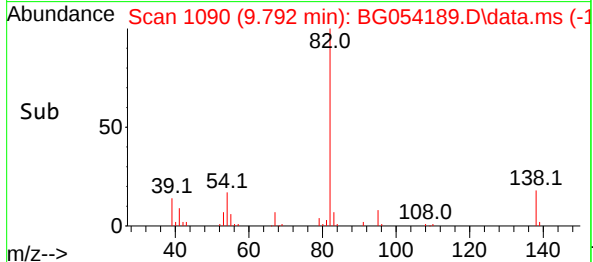
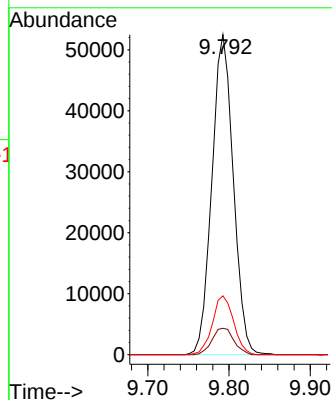
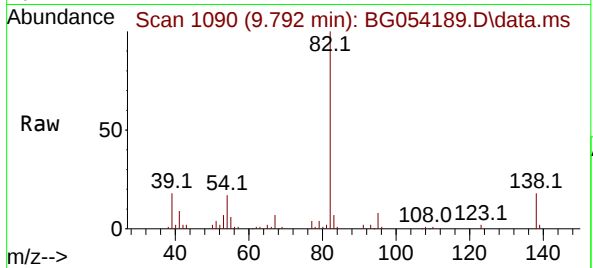




#25
Isophorone
Concen: 40.995 ng
RT: 9.792 min Scan# 1090
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

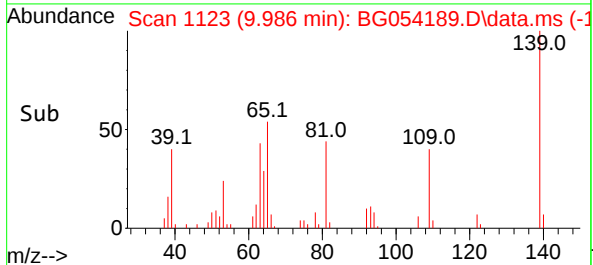
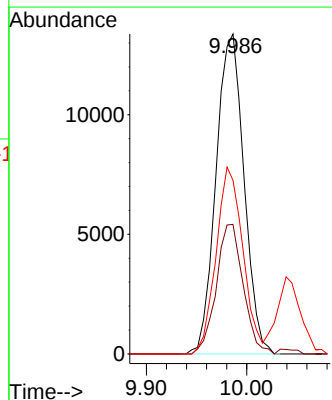
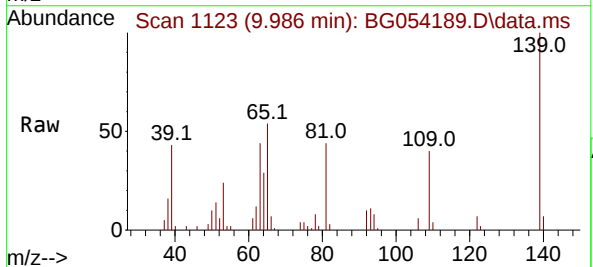
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion: 82 Resp: 96091
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 18.4 11.6 17.4#



#26
2-Nitrophenol
Concen: 47.409 ng
RT: 9.986 min Scan# 1123
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 139 Resp: 25880
Ion Ratio Lower Upper
139 100
109 40.5 36.1 54.1
65 54.2 55.8 83.6#

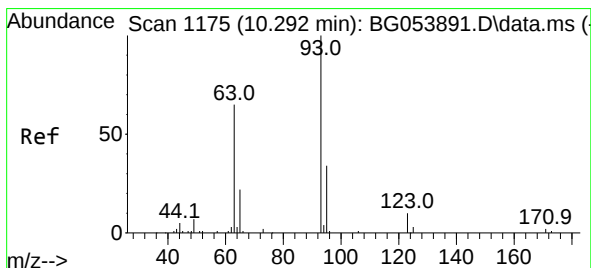
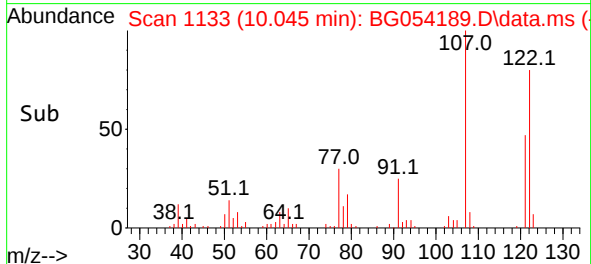
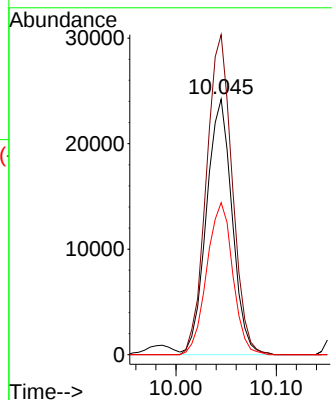
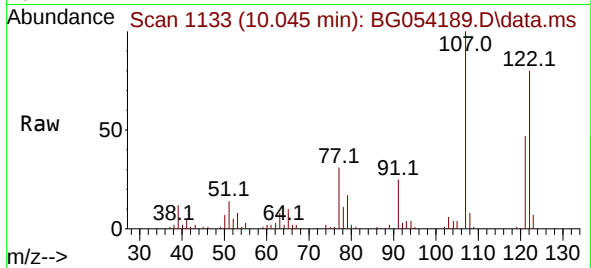




#27
2,4-Dimethylphenol
Concen: 48.832 ng
RT: 10.045 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

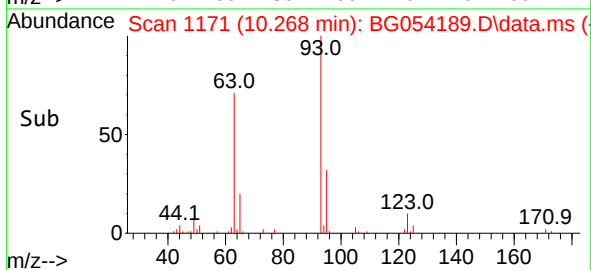
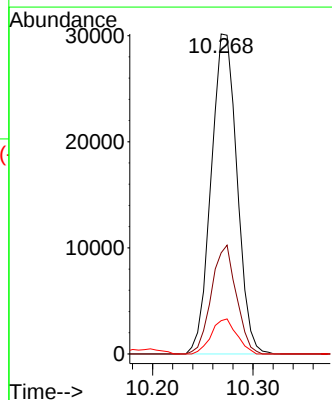
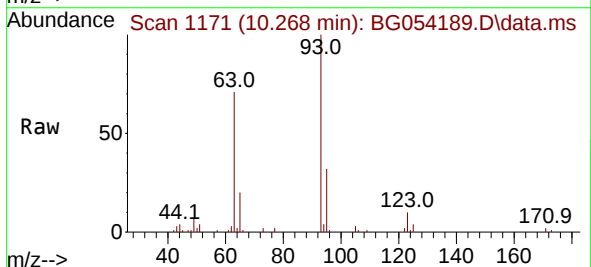
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:122 Resp: 43146
Ion Ratio Lower Upper
122 100
107 125.2 109.4 164.0
121 59.5 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.680 ng
RT: 10.268 min Scan# 1171
Delta R.T. -0.011 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion: 93 Resp: 53894
Ion Ratio Lower Upper
93 100
95 31.6 26.9 40.3
123 10.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 47.059 ng

RT: 10.527 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

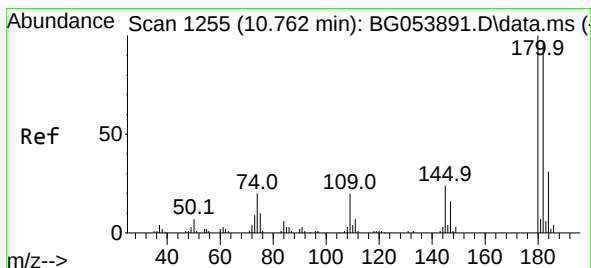
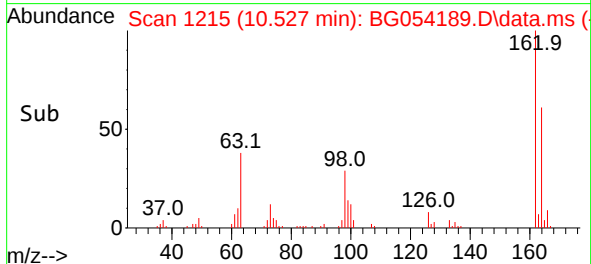
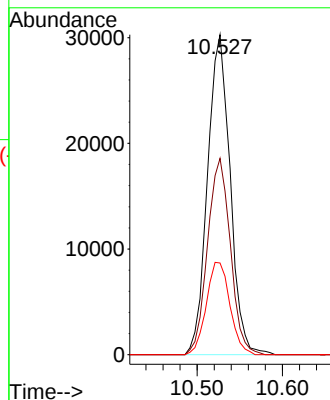
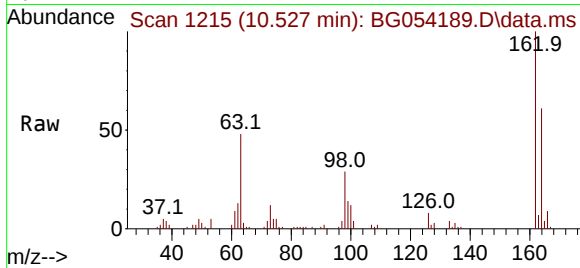
Tgt Ion:162 Resp: 55748

Ion Ratio Lower Upper

162 100

164 61.4 46.6 86.6

98 28.7 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 39.539 ng

RT: 10.738 min Scan# 1251

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

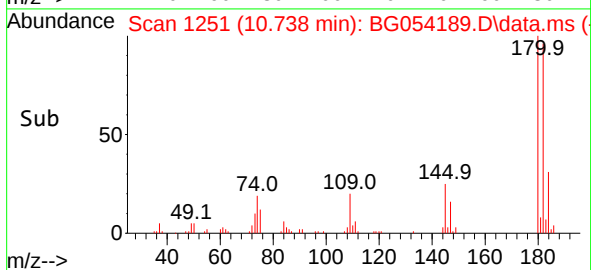
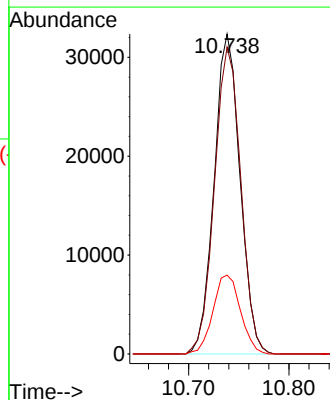
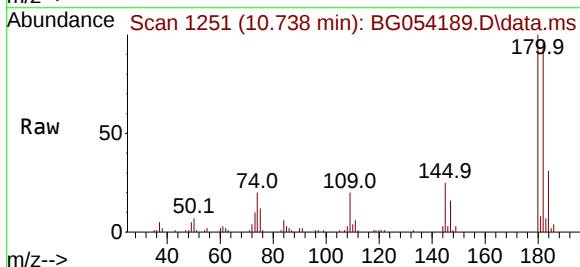
Tgt Ion:180 Resp: 57997

Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 24.6 25.0 37.4#

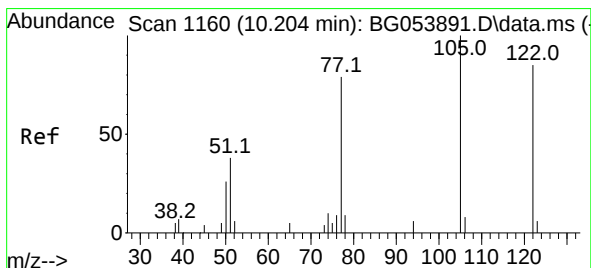
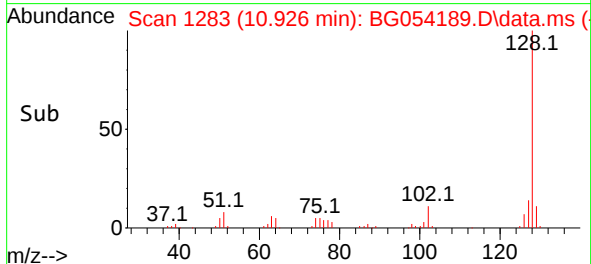
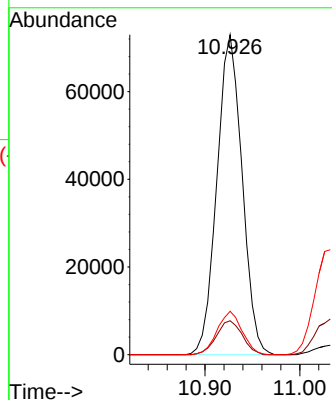
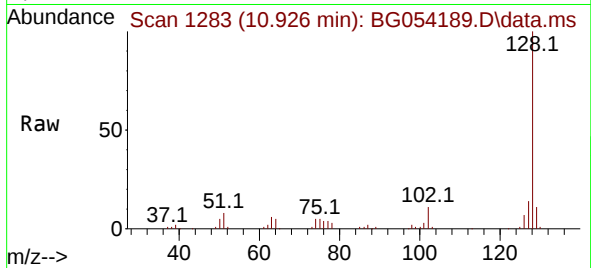




#31
Naphthalene
Concen: 37.819 ng
RT: 10.926 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

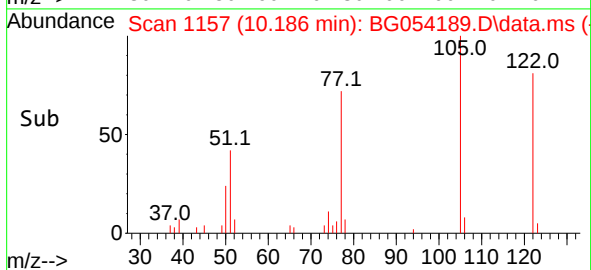
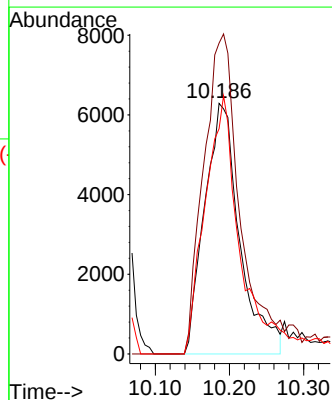
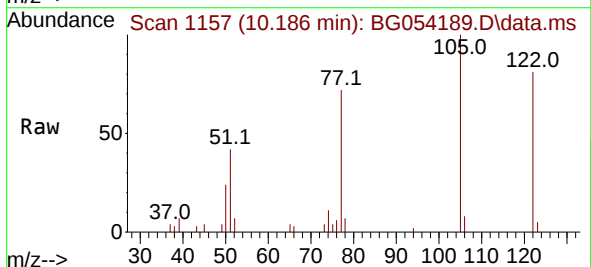
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:128 Resp: 134654
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 52.431 ng
RT: 10.186 min Scan# 1157
Delta R.T. -0.011 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:122 Resp: 20707
Ion Ratio Lower Upper
122 100
105 124.0 111.8 151.8
77 89.9 109.4 149.4#

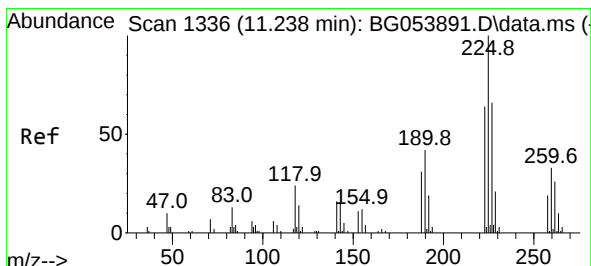
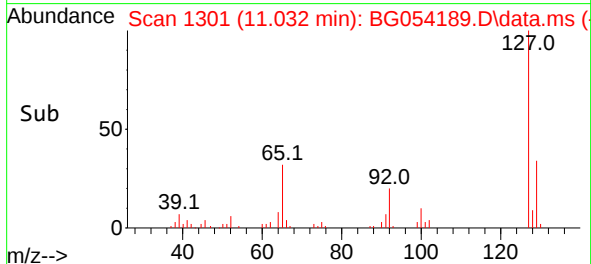
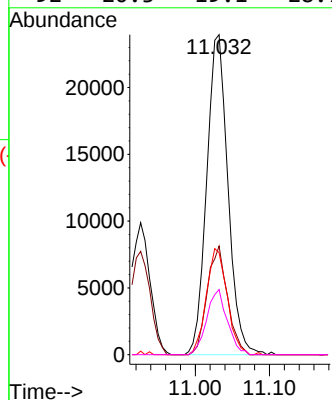
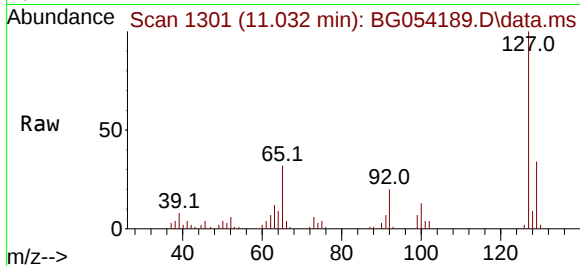




#33
4-Chloroaniline
Concen: 32.356 ng
RT: 11.032 min Scan# 11032
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

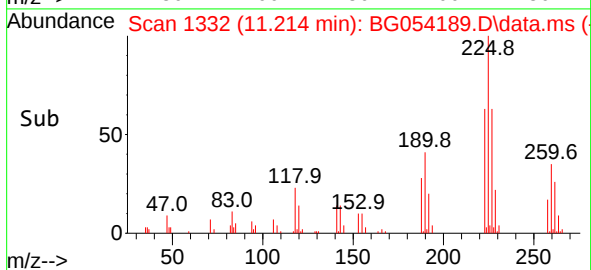
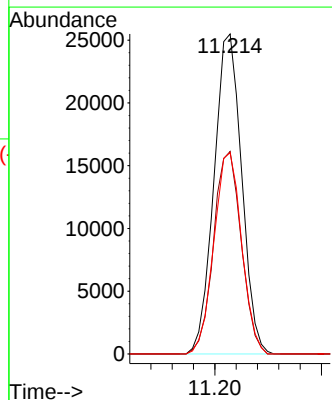
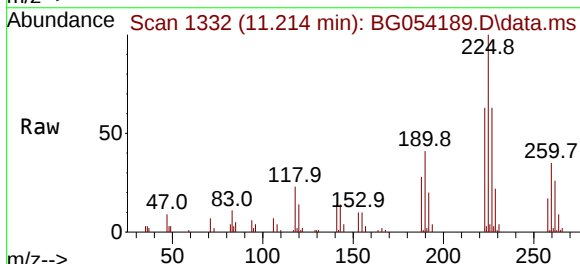
Instrument :
BNA_G
ClientSampleId :
PB145890BS

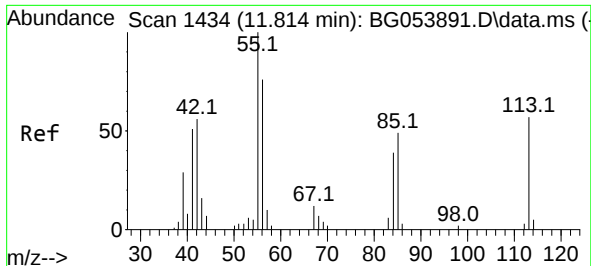
Tgt Ion:127	Resp:	47794	
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.3	39.5
65	31.9	31.1	46.7
92	20.3	19.1	28.7



#34
Hexachlorobutadiene
Concen: 40.710 ng
RT: 11.214 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:225	Resp:	45911	
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.9	73.3
227	60.2	52.8	79.2

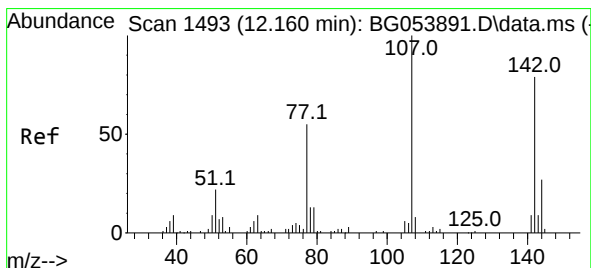
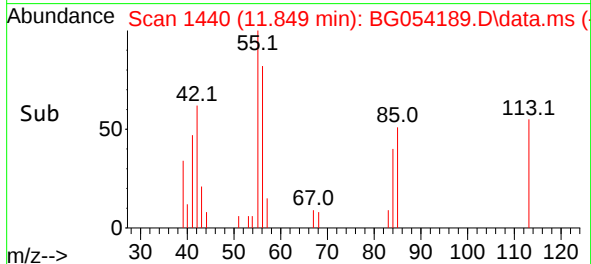
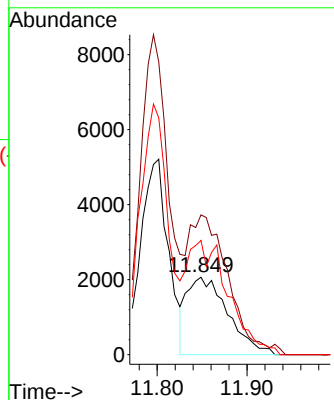
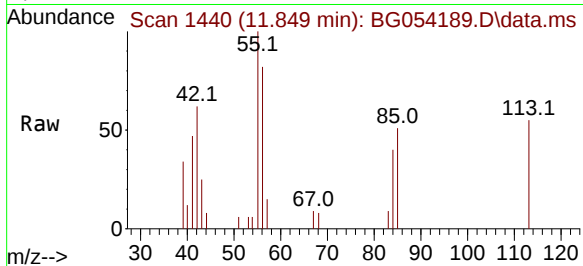




#35
Caprolactam
Concen: 20.189 ng
RT: 11.849 min Scan# 1434
Delta R.T. 0.059 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

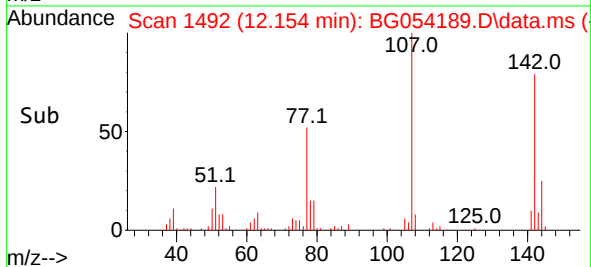
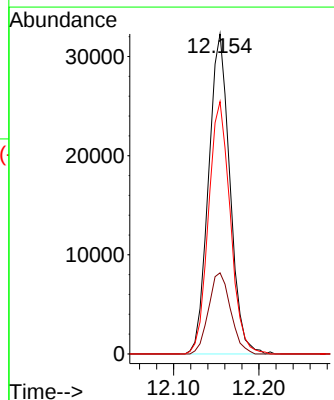
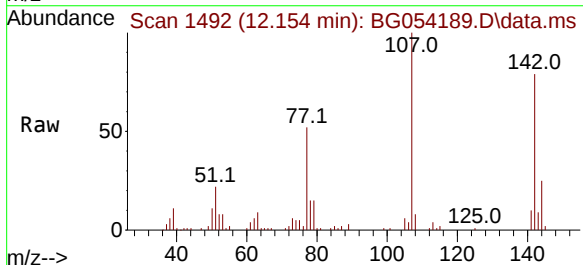
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:113 Resp: 6584
Ion Ratio Lower Upper
113 100
55 180.6 169.8 209.8
56 147.5 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 48.675 ng
RT: 12.154 min Scan# 1492
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:107 Resp: 56054
Ion Ratio Lower Upper
107 100
144 25.4 18.5 27.7
142 78.8 55.0 82.4

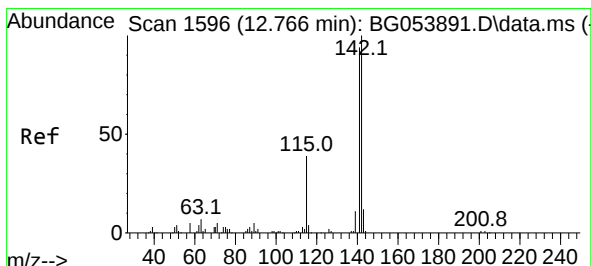
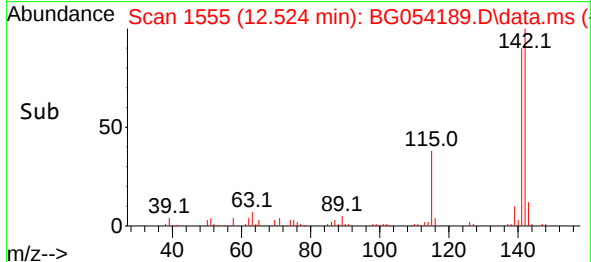
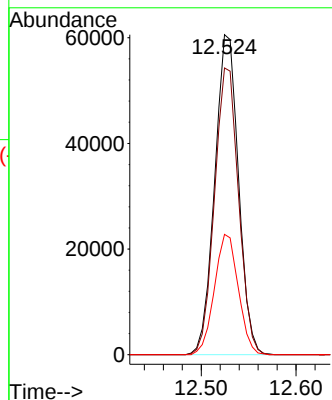
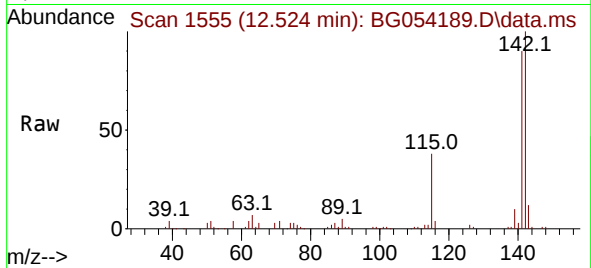




#37
2-Methylnaphthalene
Concen: 40.081 ng
RT: 12.524 min Scan# 1555
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

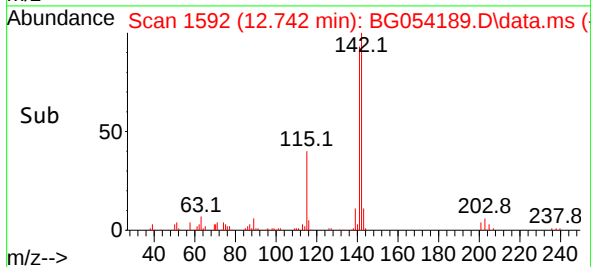
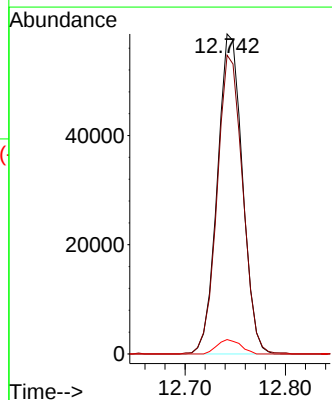
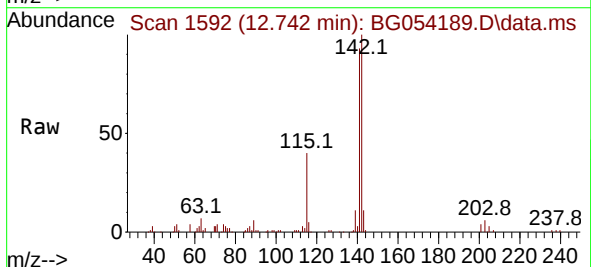
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:142 Resp: 105586
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5
115 37.6 33.7 50.5



#38
1-Methylnaphthalene
Concen: 39.571 ng
RT: 12.742 min Scan# 1592
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:142 Resp: 101500
Ion Ratio Lower Upper
142 100
141 93.4 76.4 114.6
116 4.5 3.3 4.9

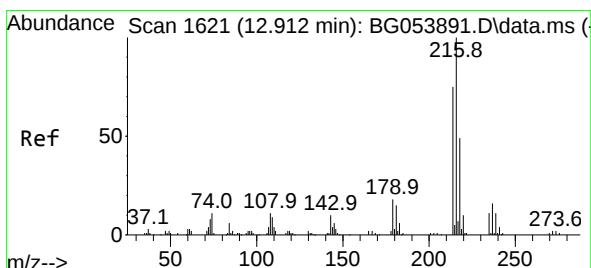
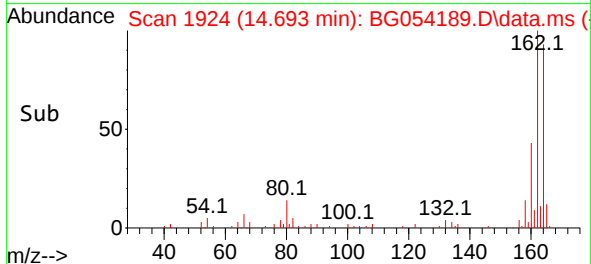
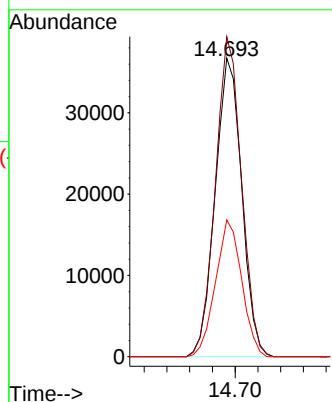
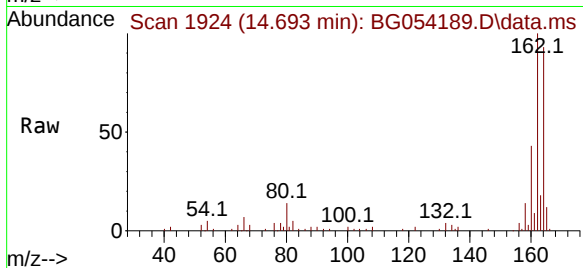




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

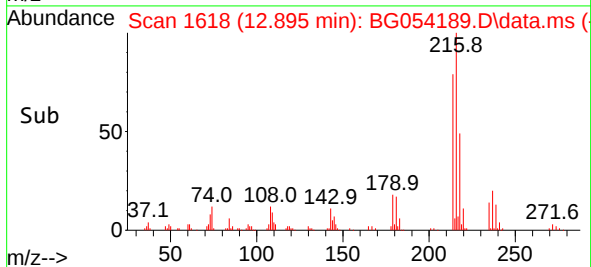
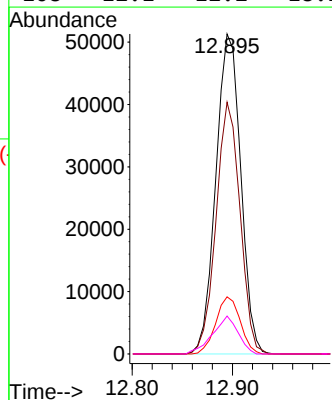
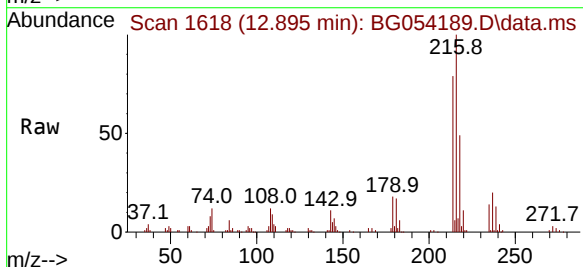
Instrument :
BNA_G
ClientSampleId :
PB145890BS

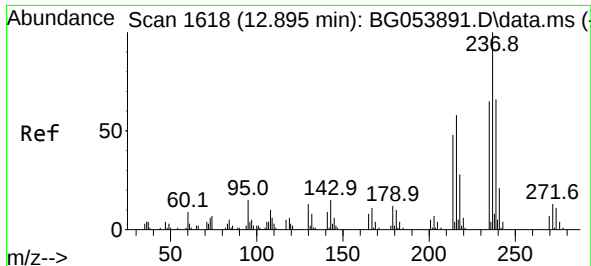
Tgt Ion:164 Resp: 59578
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 45.8 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.505 ng
RT: 12.895 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

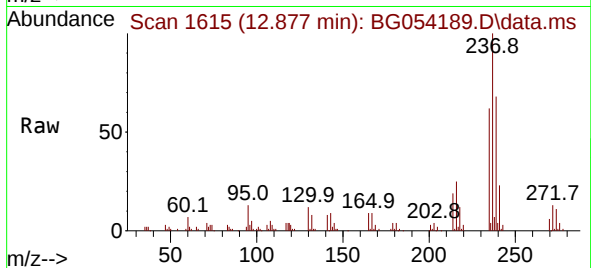
Tgt Ion:216 Resp: 88396
Ion Ratio Lower Upper
216 100
214 75.6 62.9 94.3
179 17.5 16.1 24.1
108 12.1 12.2 18.2#



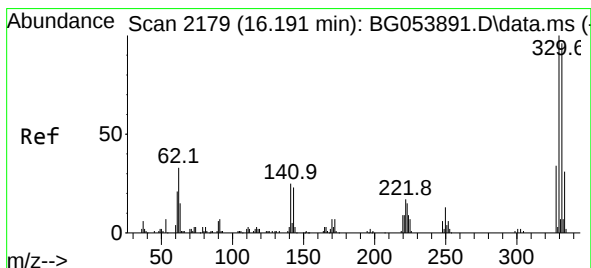
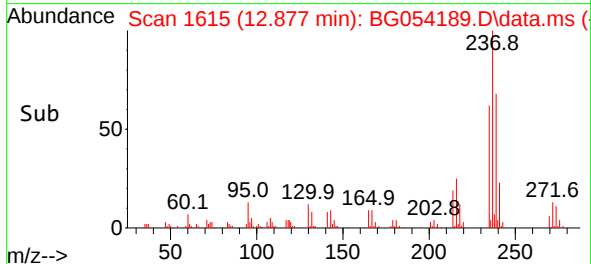
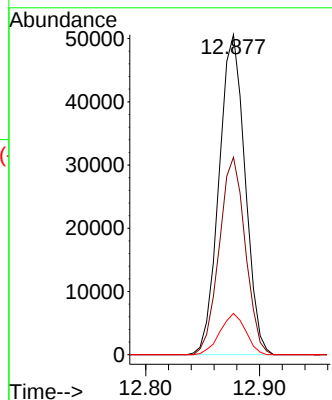


#41
Hexachlorocyclopentadiene
Concen: 75.282 ng
RT: 12.877 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Instrument :
BNA_G
ClientSampleId :
PB145890BS

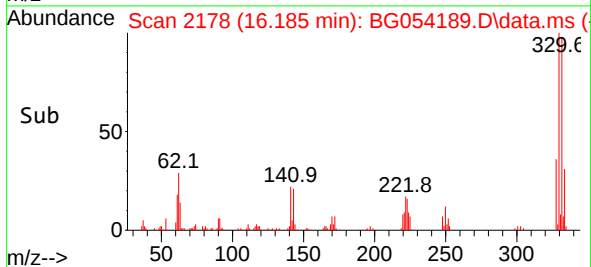
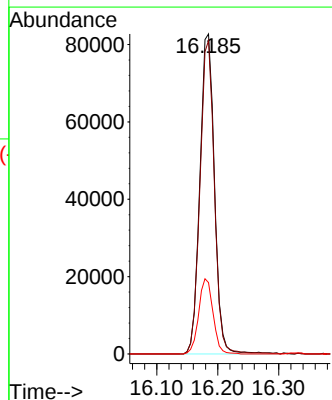
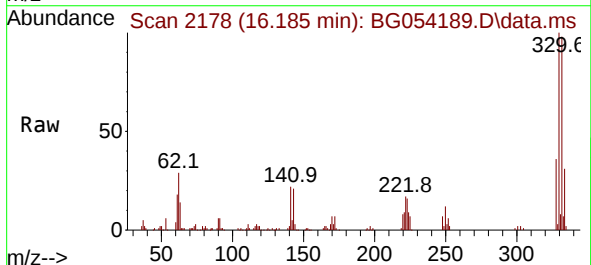


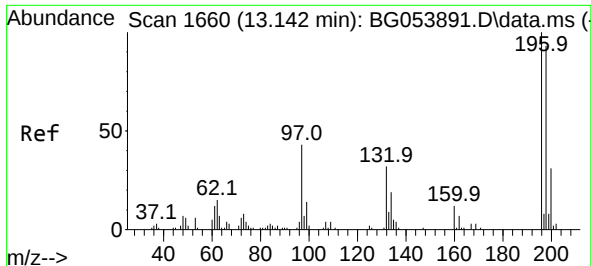
Tgt Ion:237 Resp: 80474
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 12.9 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 143.644 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:330 Resp: 137500
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 23.1 27.1 40.7#

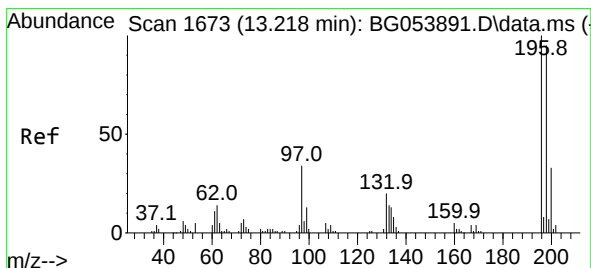
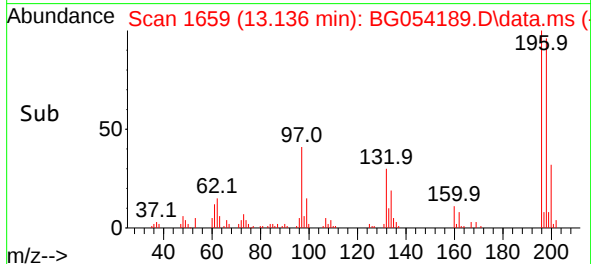
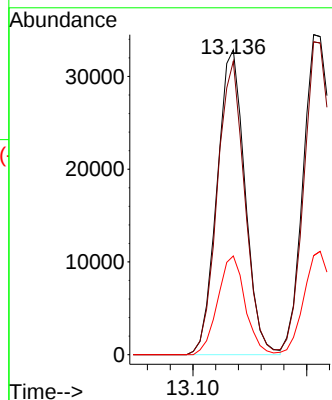
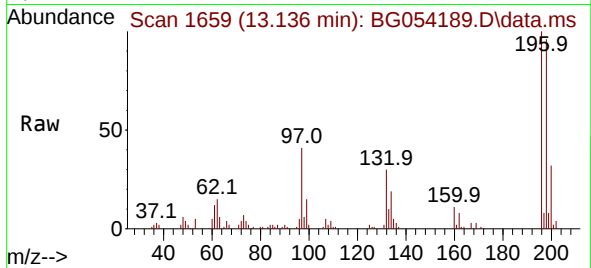




#43
2,4,6-Trichlorophenol
Concen: 43.642 ng
RT: 13.136 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

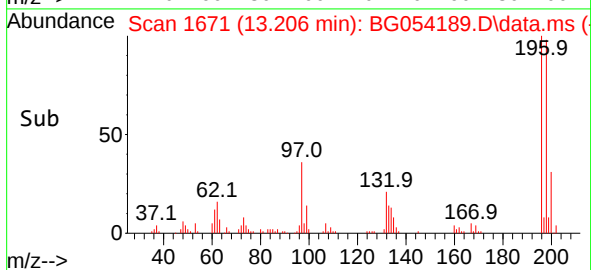
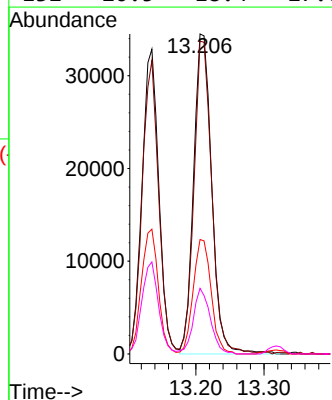
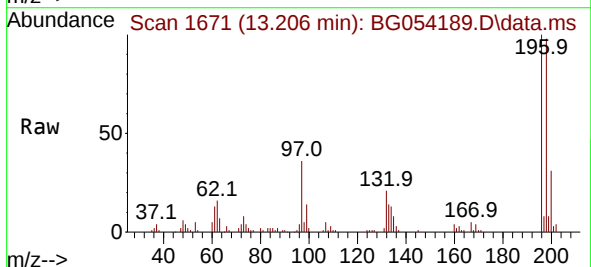
Instrument :
BNA_G
ClientSampleId :
PB145890BS

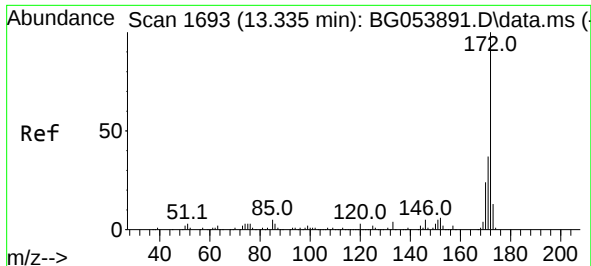
Tgt Ion:196 Resp: 56278
Ion Ratio Lower Upper
196 100
198 96.3 74.1 111.1
200 32.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.262 ng
RT: 13.206 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:196 Resp: 63731
Ion Ratio Lower Upper
196 100
198 97.7 76.8 115.2
97 35.8 39.8 59.6#
132 20.5 18.4 27.6

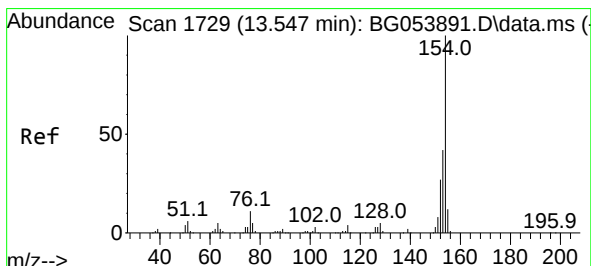
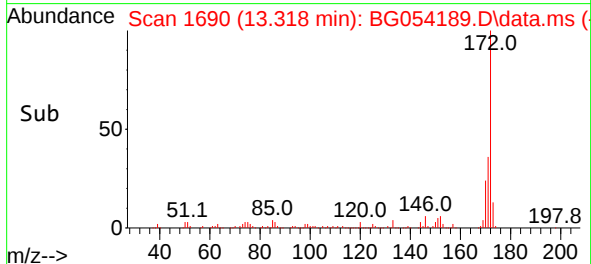
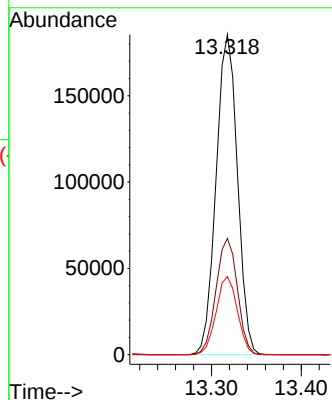
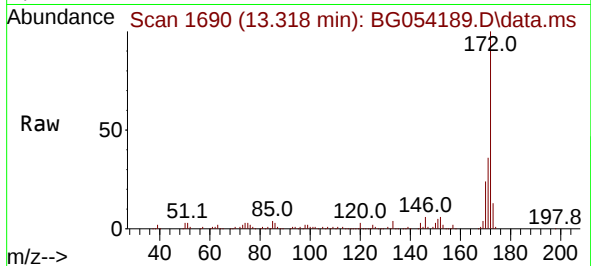




#45
2-Fluorobiphenyl
Concen: 74.604 ng
RT: 13.318 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

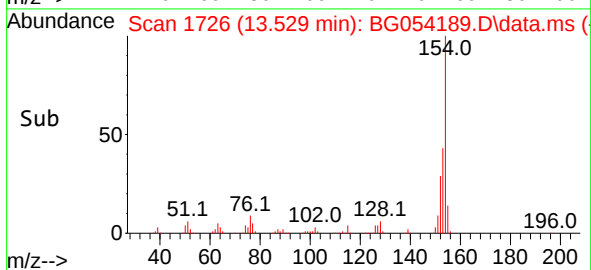
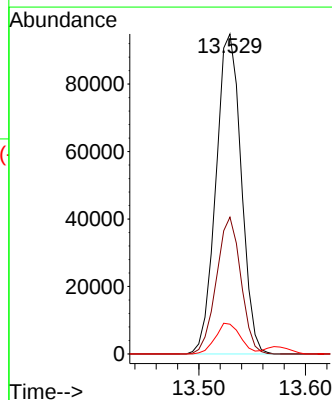
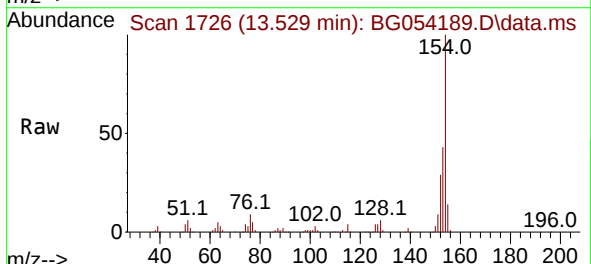
Instrument :
BNA_G
ClientSampleId :
PB145890BS

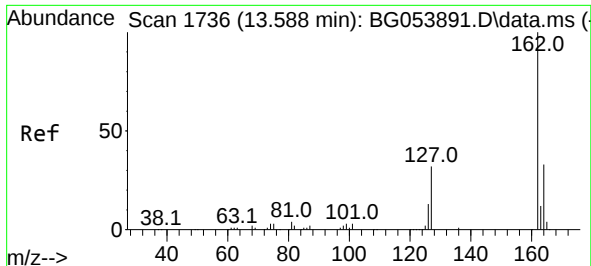
Tgt Ion:172 Resp: 305664
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.521 ng
RT: 13.529 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:154 Resp: 155712
Ion Ratio Lower Upper
154 100
153 42.8 21.6 61.6
76 9.3 0.0 32.6

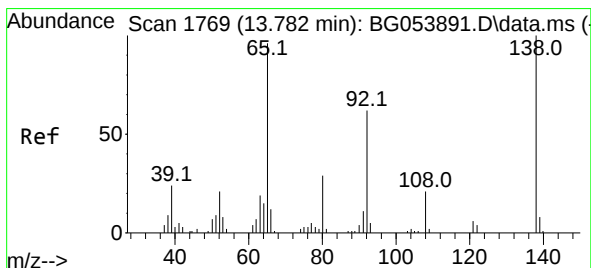
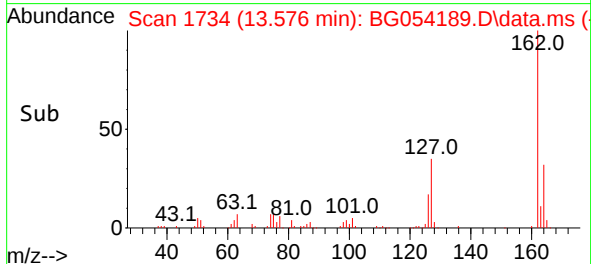
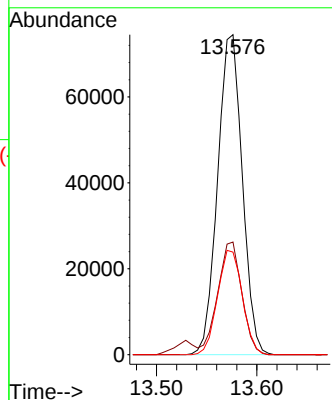
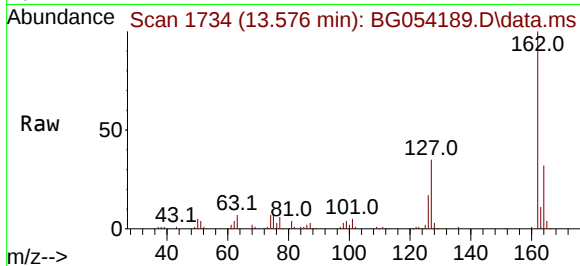




#47
2-Chloronaphthalene
Concen: 37.837 ng
RT: 13.576 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

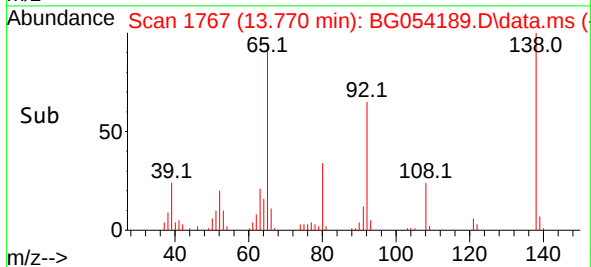
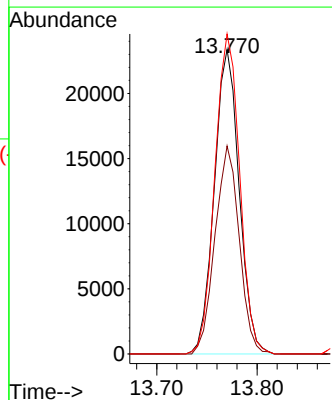
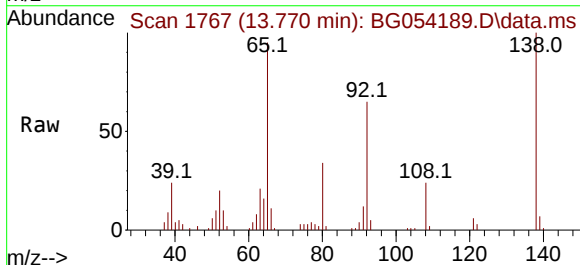
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:162 Resp: 127076
Ion Ratio Lower Upper
162 100
127 35.2 30.6 45.8
164 32.1 26.5 39.7



#48
2-Nitroaniline
Concen: 44.973 ng
RT: 13.770 min Scan# 1767
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

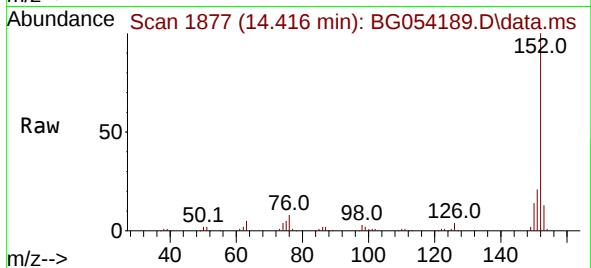
Tgt Ion: 65 Resp: 40179
Ion Ratio Lower Upper
65 100
92 68.3 51.5 77.3
138 105.1 71.3 106.9



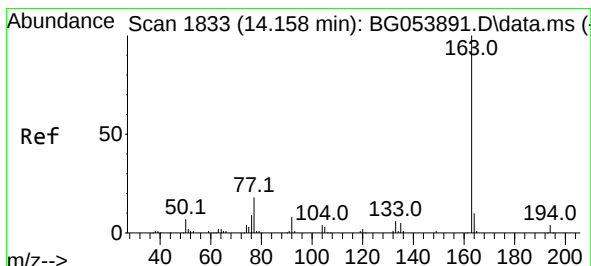
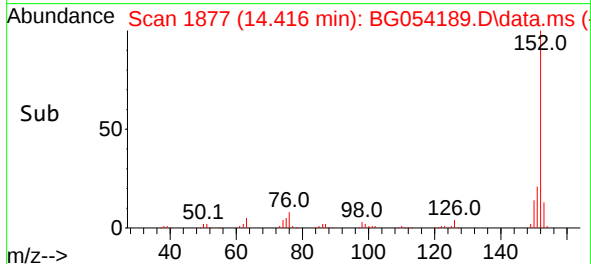
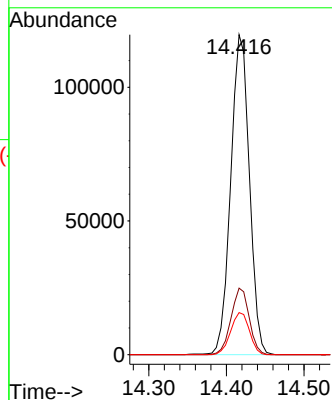


#49
Acenaphthylene
Concen: 38.380 ng
RT: 14.416 min Scan# 1877
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Instrument :
BNA_G
ClientSampleId :
PB145890BS

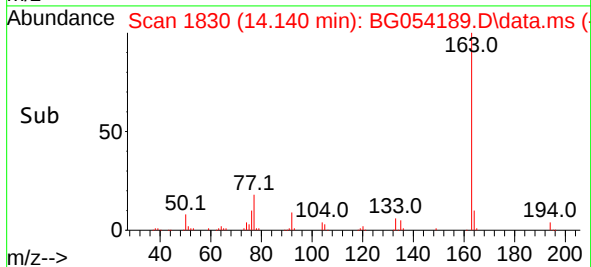
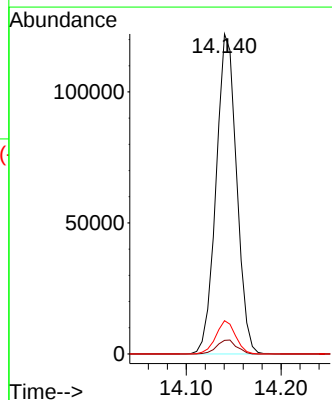
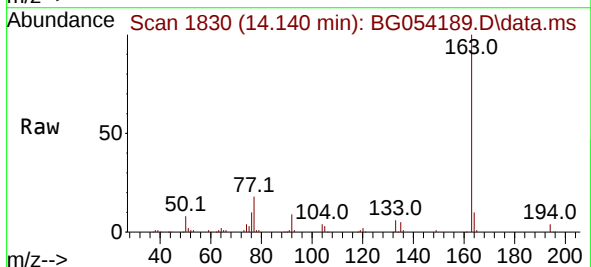


Tgt Ion:152 Resp: 200436
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 40.503 ng
RT: 14.140 min Scan# 1830
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

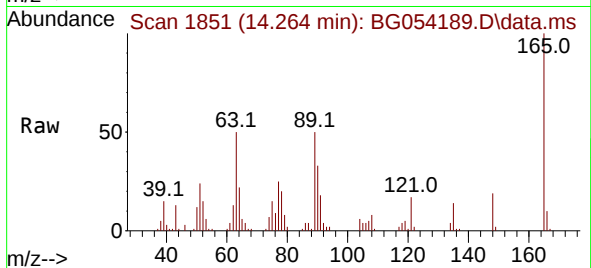
Tgt Ion:163 Resp: 183777
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.4 8.0 12.0



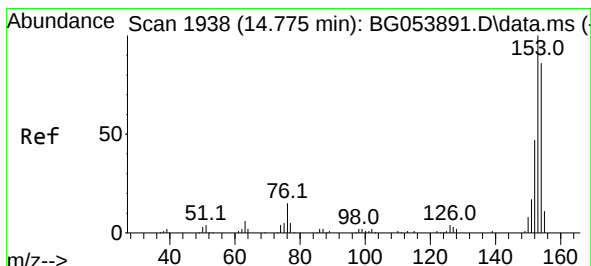
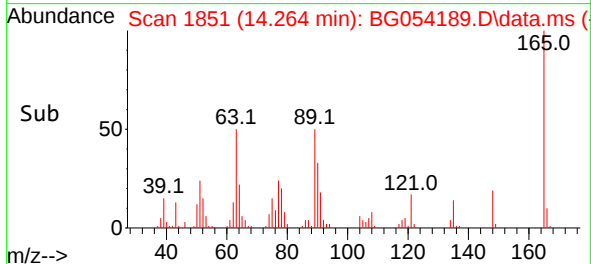
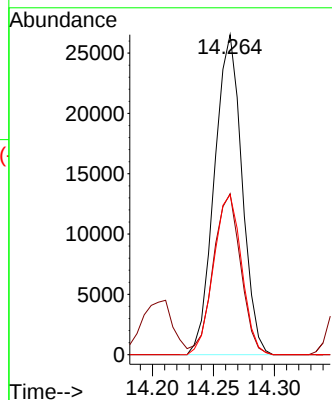


#51
2,6-Dinitrotoluene
Concen: 45.517 ng
RT: 14.264 min Scan# 1851
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Instrument :
BNA_G
ClientSampleId :
PB145890BS

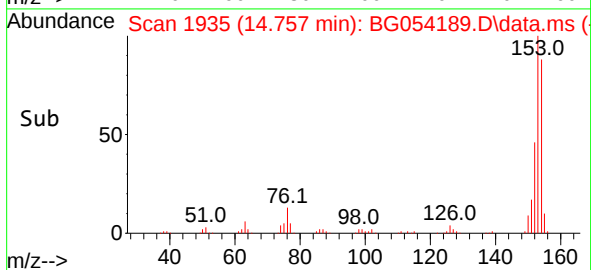
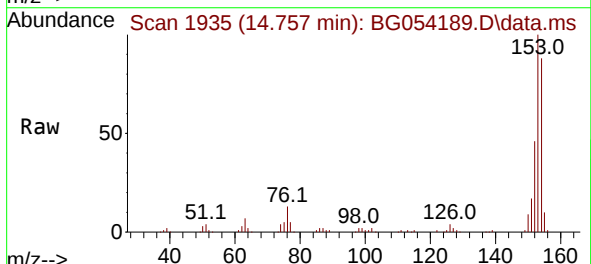
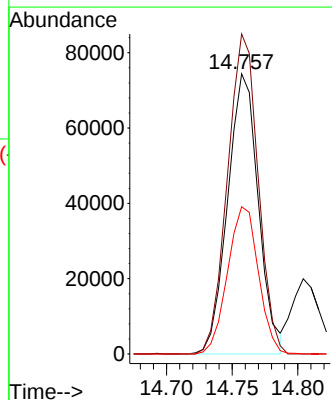


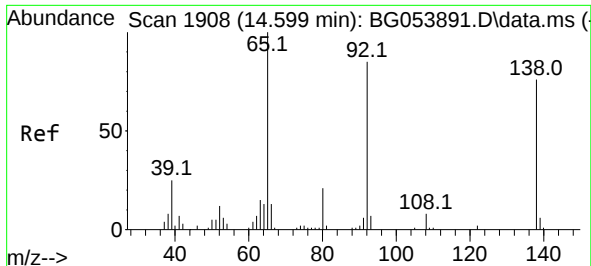
Tgt Ion:165 Resp: 41727
Ion Ratio Lower Upper
165 100
63 50.3 54.1 81.1#
89 50.0 54.8 82.2#



#52
Acenaphthene
Concen: 36.446 ng
RT: 14.757 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:154 Resp: 121326
Ion Ratio Lower Upper
154 100
153 114.3 92.7 139.1
152 52.6 42.6 64.0

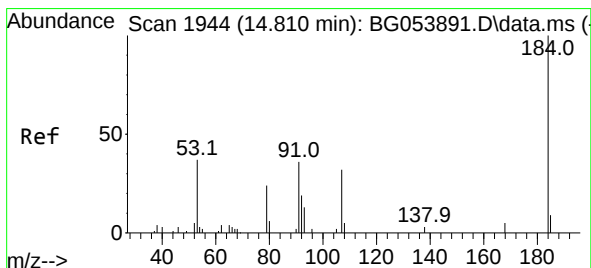
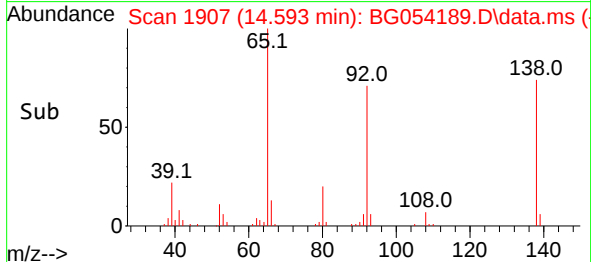
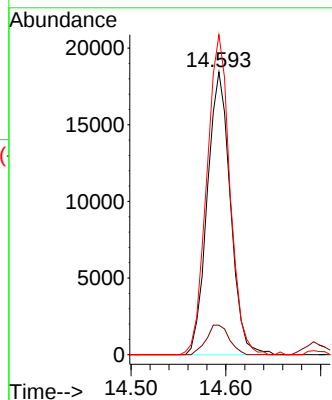
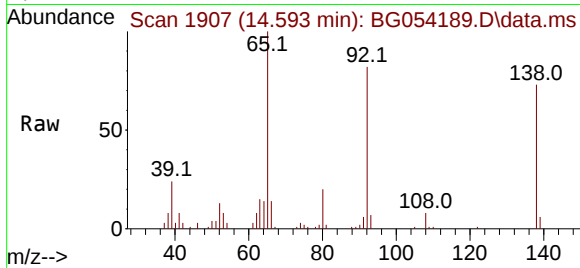




#53
3-Nitroaniline
Concen: 35.153 ng
RT: 14.593 min Scan# 1907
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

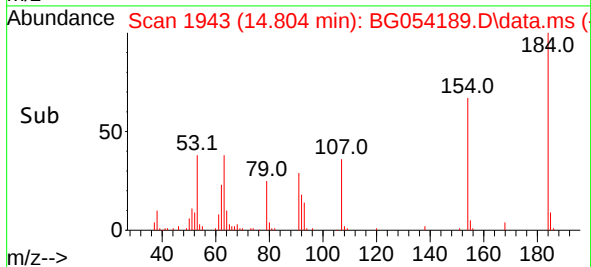
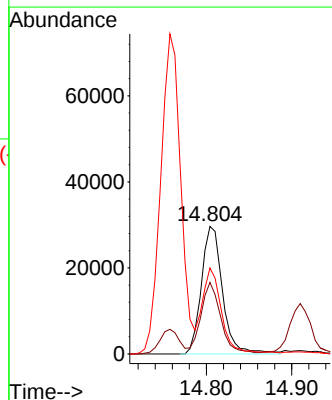
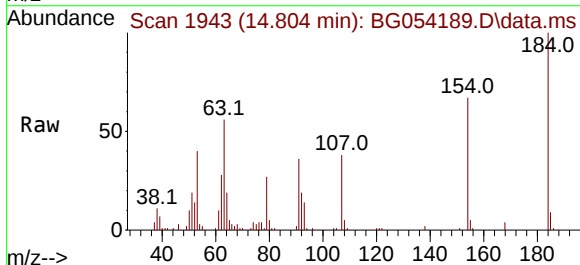
Instrument :
BNA_G
ClientSampleId :
PB145890BS

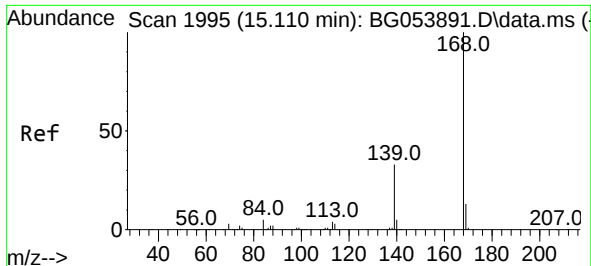
Tgt Ion:138 Resp: 31221
Ion Ratio Lower Upper
138 100
108 10.4 9.2 13.8
92 113.2 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 99.277 ng
RT: 14.804 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:184 Resp: 51161
Ion Ratio Lower Upper
184 100
63 56.1 61.1 91.7#
154 67.4 60.6 91.0

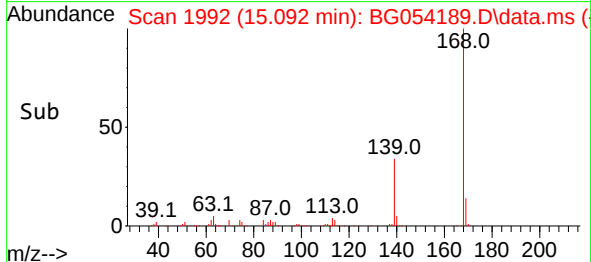
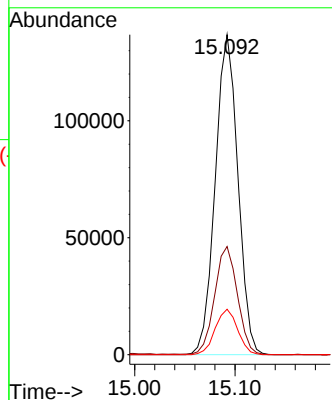
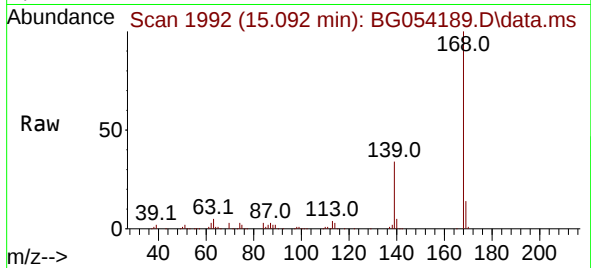




#55
Dibenzenofuran
Concen: 39.884 ng
RT: 15.092 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

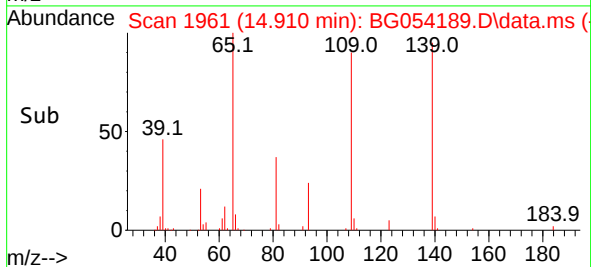
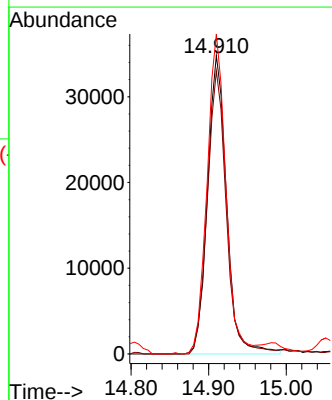
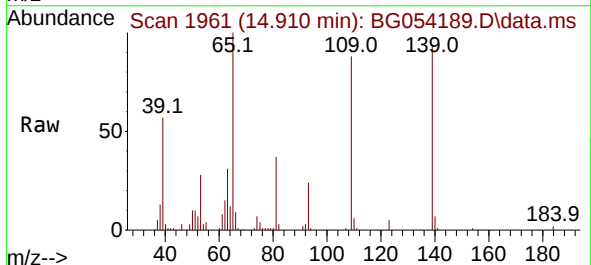
Instrument :
BNA_G
ClientSampleId :
PB145890BS

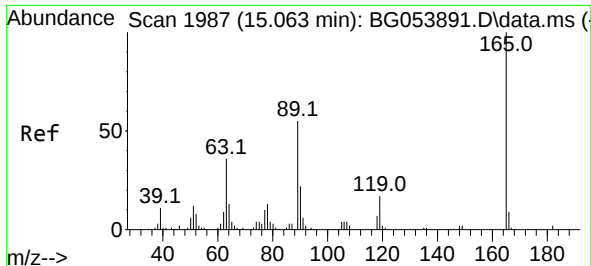
Tgt Ion:168 Resp: 213917
Ion Ratio Lower Upper
168 100
139 33.8 30.5 45.7
169 14.2 10.3 15.5



#56
4-Nitrophenol
Concen: 94.577 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:139 Resp: 59636
Ion Ratio Lower Upper
139 100
109 94.8 88.5 128.5
65 107.2 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 48.332 ng

RT: 15.051 min Scan# 1985

Delta R.T. 0.001 min

Lab File: BG054189.D

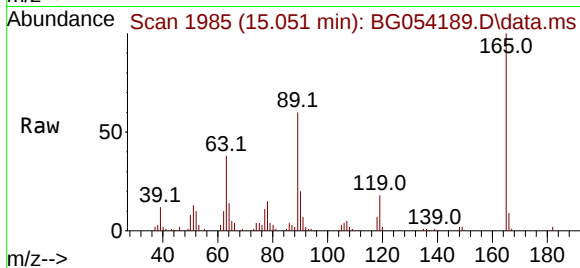
Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS



Tgt Ion:165 Resp: 62575

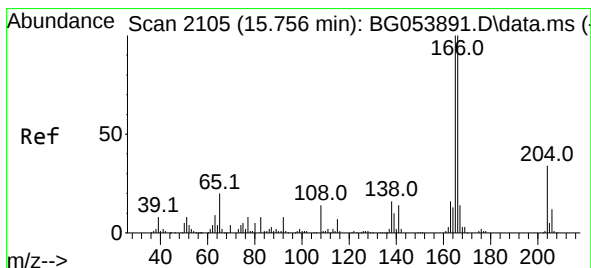
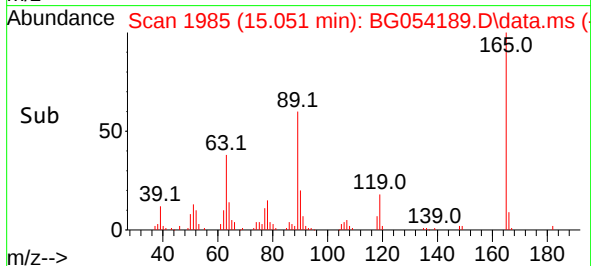
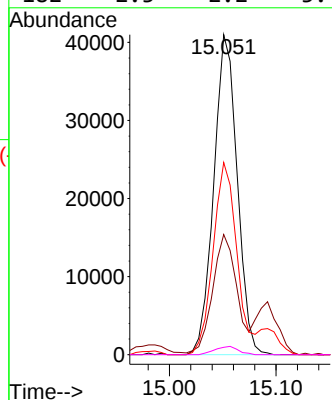
Ion Ratio Lower Upper

165 100

63 37.6 34.6 52.0

89 60.1 60.3 90.5#

182 2.3 2.2 3.4



#58

Fluorene

Concen: 40.813 ng

RT: 15.738 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

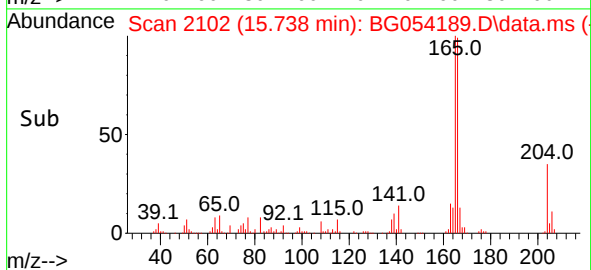
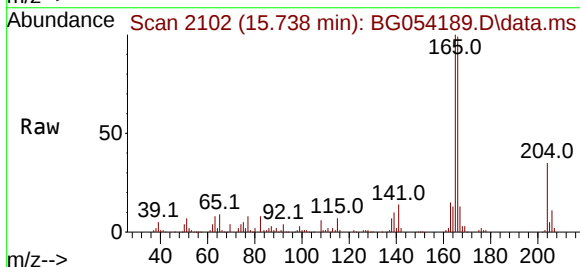
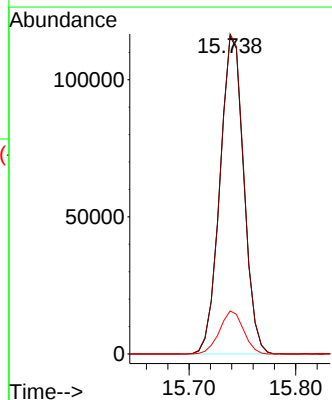
Tgt Ion:166 Resp: 179730

Ion Ratio Lower Upper

166 100

165 100.7 75.0 112.6

167 13.5 10.8 16.2

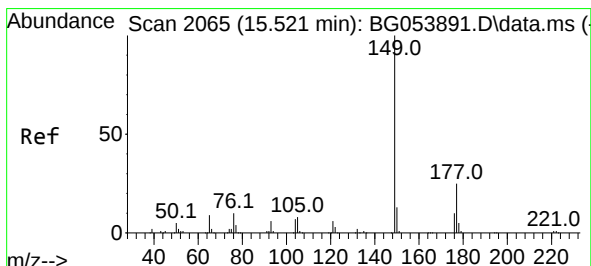
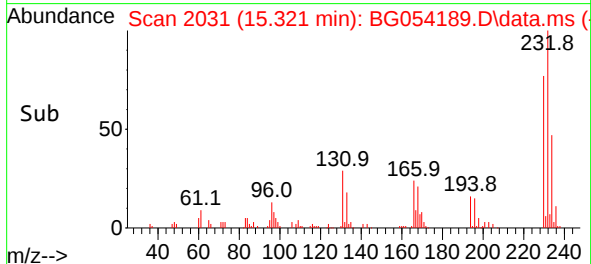
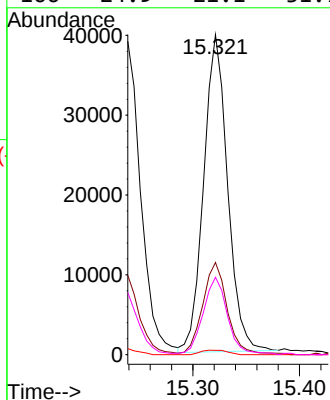
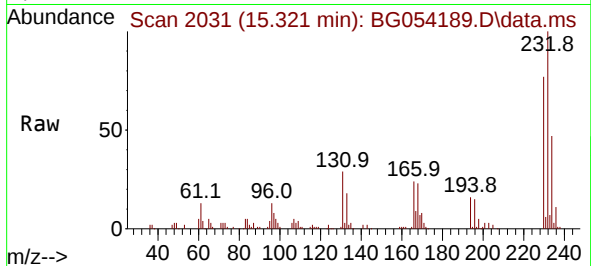




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.055 ng
RT: 15.321 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

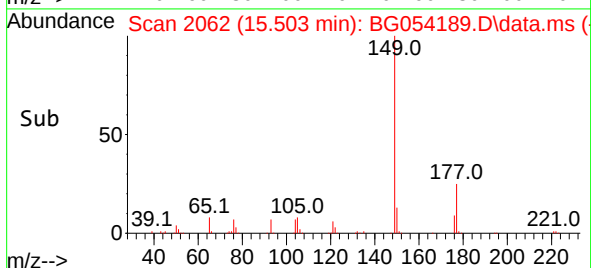
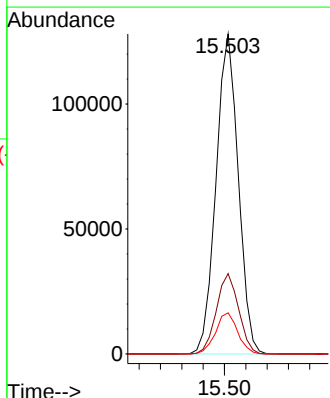
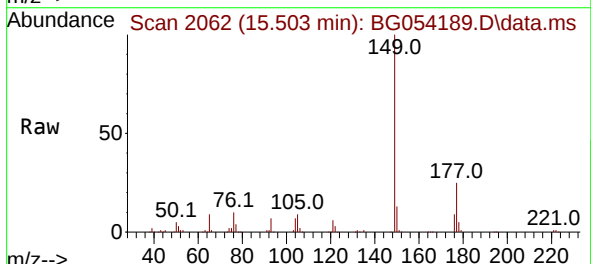
Instrument :
BNA_G
ClientSampleId :
PB145890BS

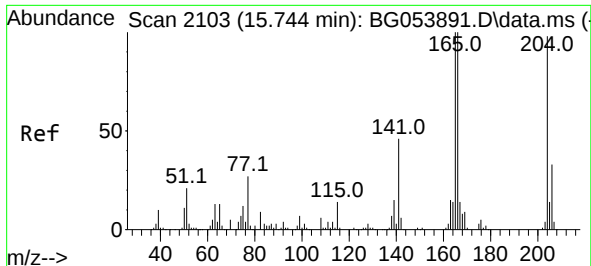
Tgt Ion:232 Resp: 62033
Ion Ratio Lower Upper
232 100
131 30.1 30.6 46.0#
130 1.6 1.8 2.8#
166 24.9 21.1 31.7



#60
Diethylphthalate
Concen: 42.071 ng
RT: 15.503 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:149 Resp: 184864
Ion Ratio Lower Upper
149 100
177 25.1 18.4 27.6
150 12.8 11.2 16.8

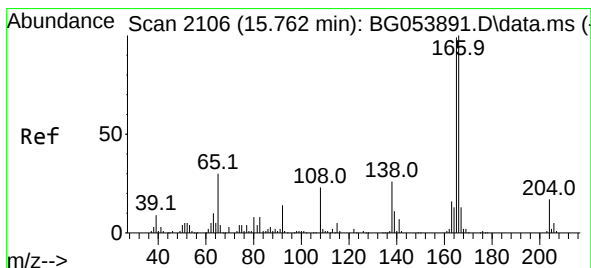
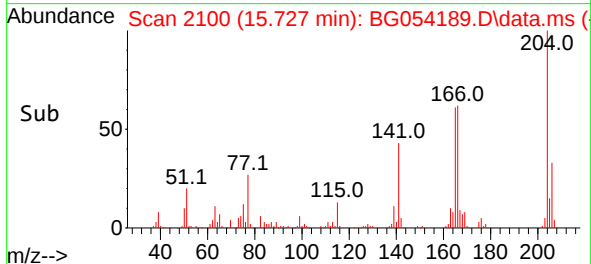
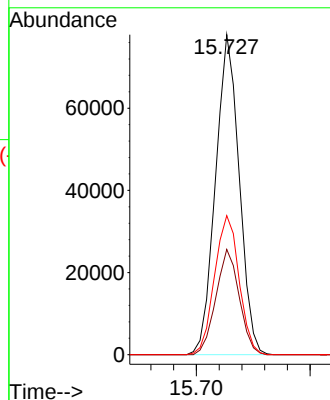
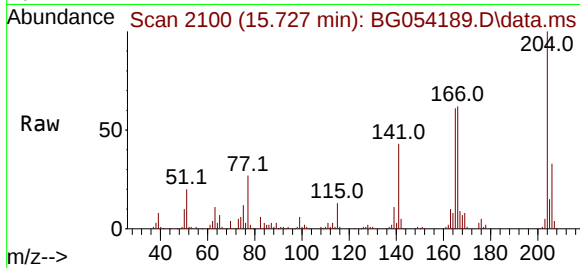




#61
4-Chlorophenyl-phenylether
Concen: 42.770 ng
RT: 15.727 min Scan# 2103
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

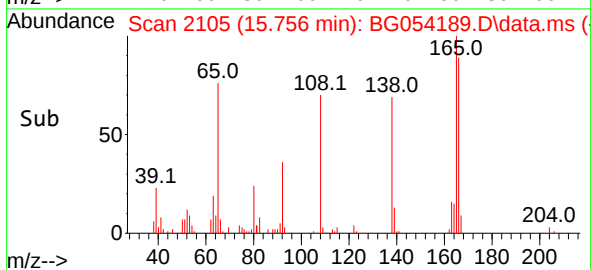
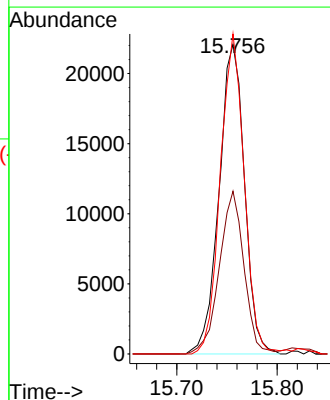
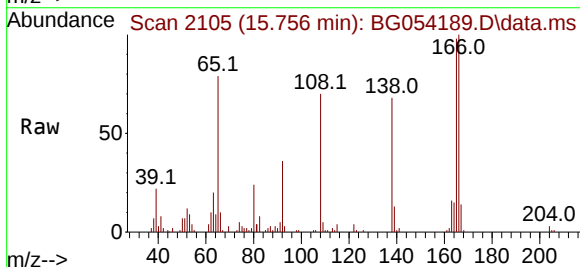
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:204 Resp: 112760
Ion Ratio Lower Upper
204 100
206 32.9 27.5 41.3
141 43.4 45.3 67.9#



#62
4-Nitroaniline
Concen: 41.888 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:138 Resp: 38797
Ion Ratio Lower Upper
138 100
92 52.5 40.5 80.5
108 103.3 103.7 143.7#

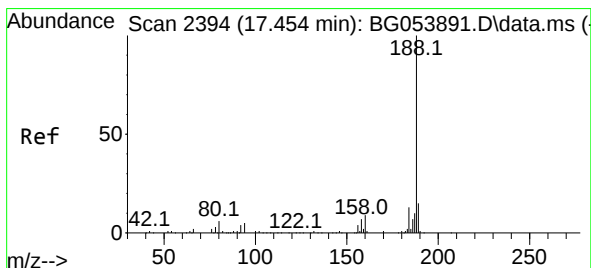
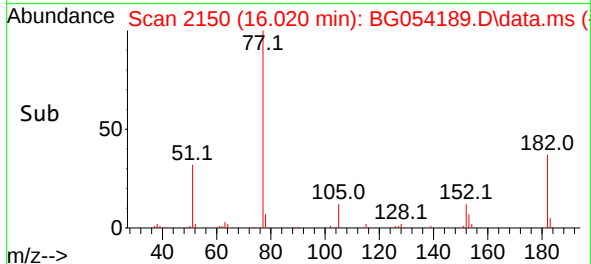
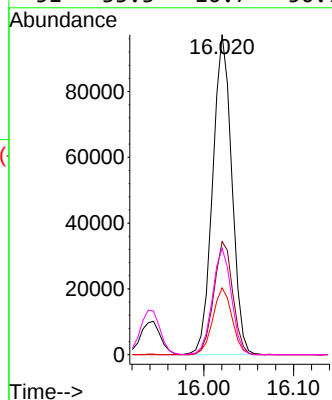
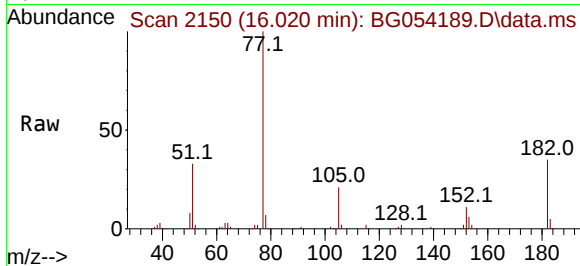




#63
 Azobenzene
 Concen: 40.644 ng
 RT: 16.020 min Scan# 2153
 Delta R.T. -0.005 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

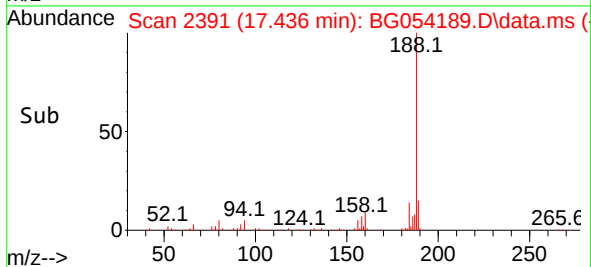
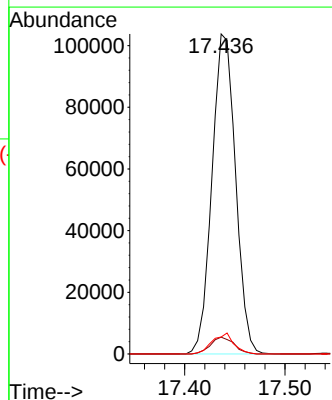
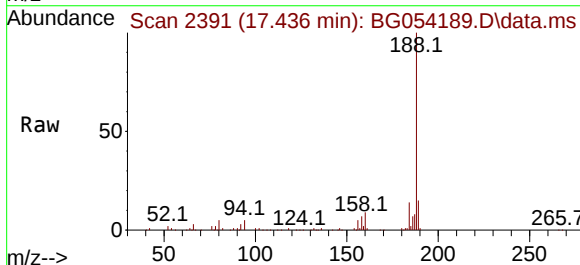
Instrument :
 BNA_G
 ClientSampleId :
 PB145890BS

Tgt Ion:	77	Resp:	143760
Ion	Ratio	Lower	Upper
77	100		
182	35.4	3.8	43.8
105	20.9	0.0	37.8
51	33.3	10.7	50.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.436 min Scan# 2391
 Delta R.T. -0.005 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

Tgt Ion:	188	Resp:	169064
Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.4	8.0#
80	5.3	6.8	10.2#

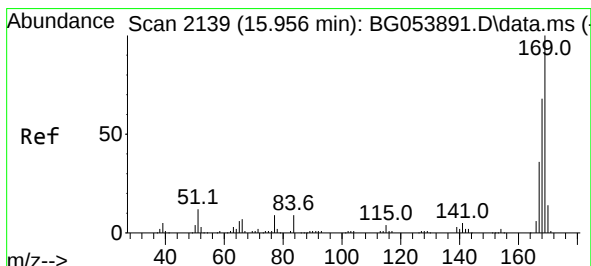
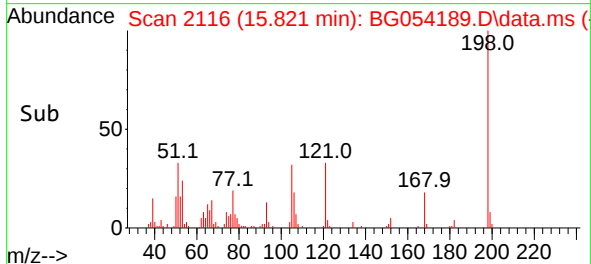
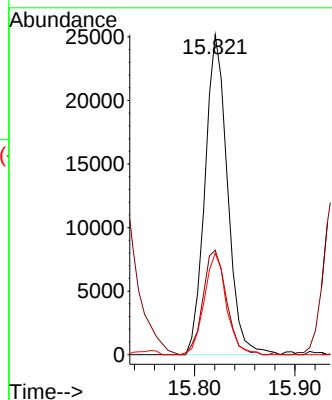
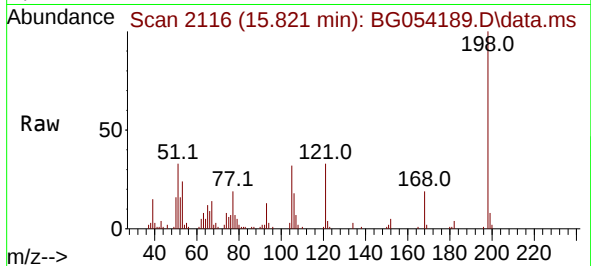




#65
4,6-Dinitro-2-methylphenol
Concen: 46.503 ng
RT: 15.821 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

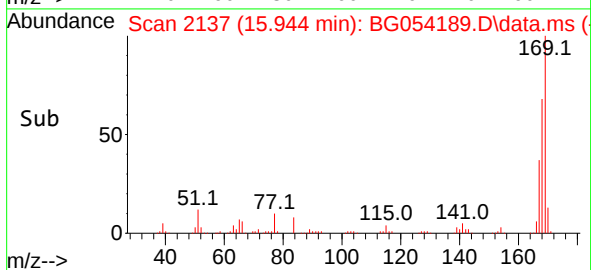
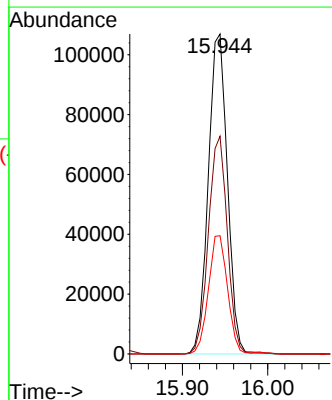
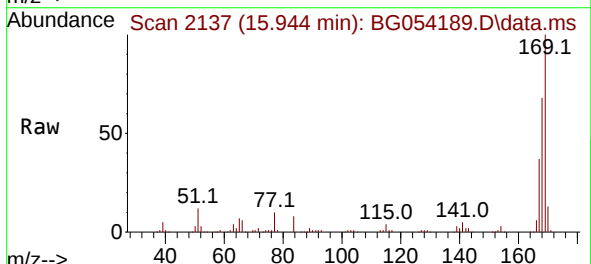
Instrument :
BNA_G
ClientSampleId :
PB145890BS

Tgt Ion:198 Resp: 39224
Ion Ratio Lower Upper
198 100
51 32.6 28.1 68.1
105 31.7 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 37.680 ng
RT: 15.944 min Scan# 2137
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:169 Resp: 166023
Ion Ratio Lower Upper
169 100
168 68.0 55.9 83.9
167 37.0 30.6 46.0

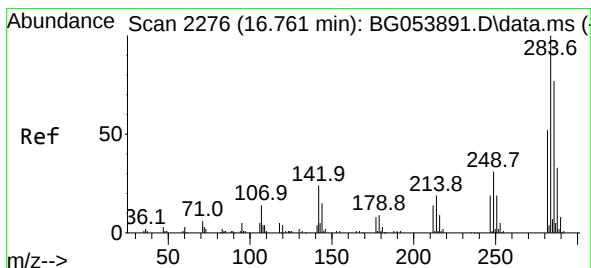
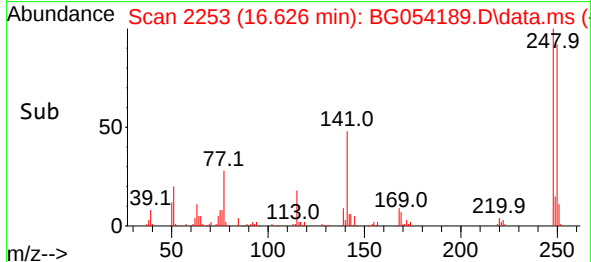
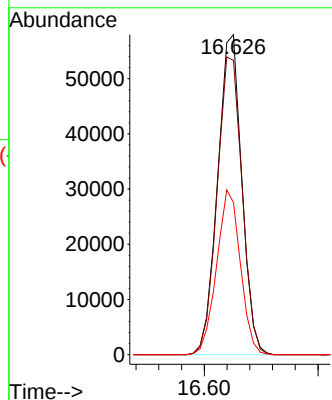
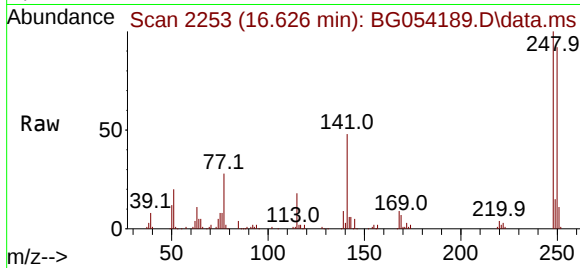




#67
4-Bromophenyl-phenylether
Concen: 40.520 ng
RT: 16.626 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

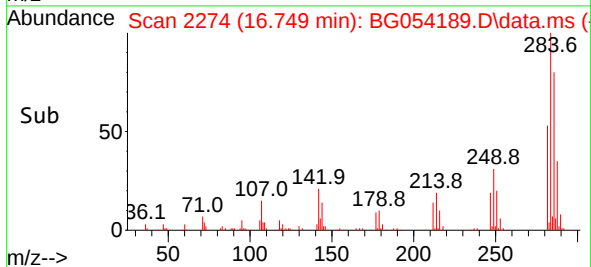
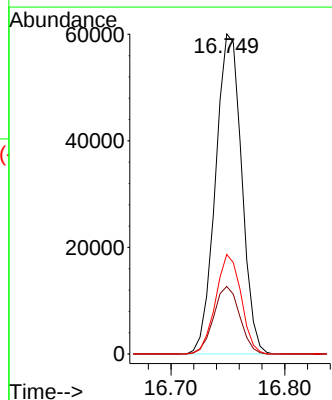
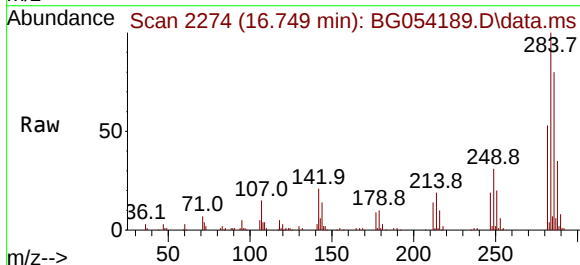
Instrument :
BNA_G
ClientSampleId :
PB145890BS

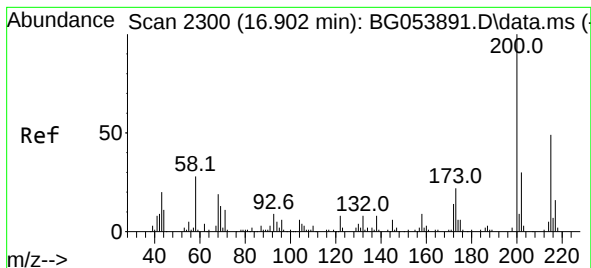
Tgt Ion:248 Resp: 85559
Ion Ratio Lower Upper
248 100
250 91.9 75.2 112.8
141 47.6 50.0 75.0#



#68
Hexachlorobenzene
Concen: 39.738 ng
RT: 16.749 min Scan# 2274
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:284 Resp: 95982
Ion Ratio Lower Upper
284 100
142 21.1 23.6 35.4#
249 31.1 25.8 38.6





#69

Atrazine

Concen: 45.839 ng

RT: 16.890 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

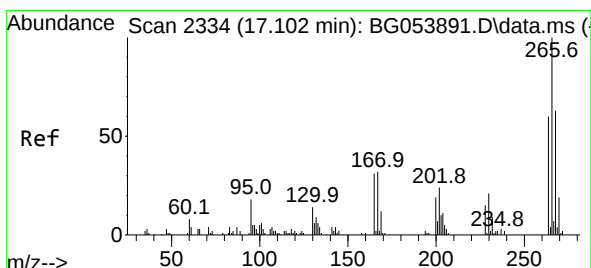
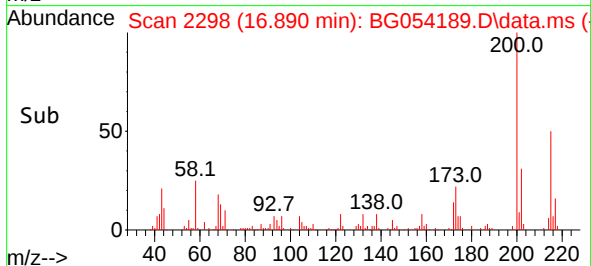
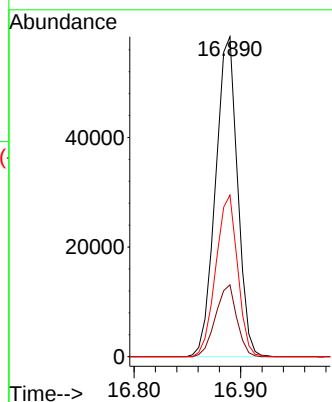
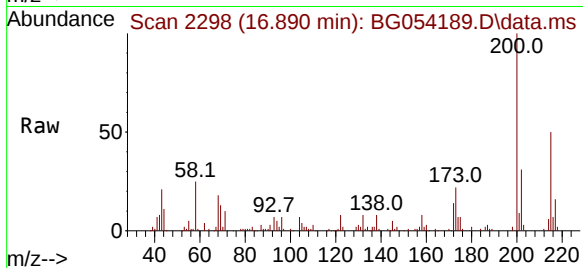
Tgt Ion:200 Resp: 83667

Ion Ratio Lower Upper

200 100

173 22.5 3.7 43.7

215 50.5 25.2 65.2



#70

Pentachlorophenol

Concen: 87.588 ng

RT: 17.096 min Scan# 2333

Delta R.T. 0.001 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

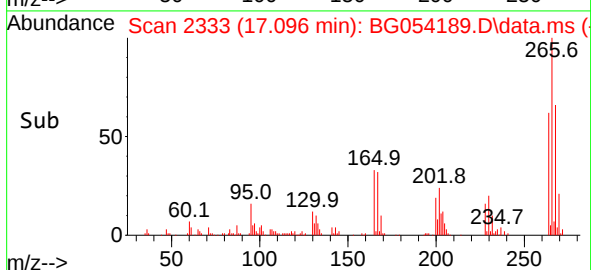
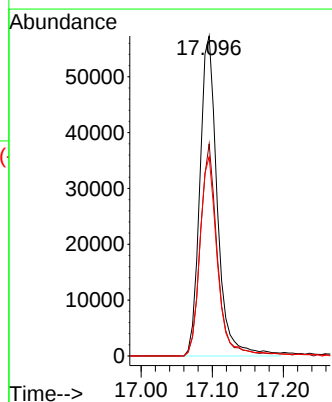
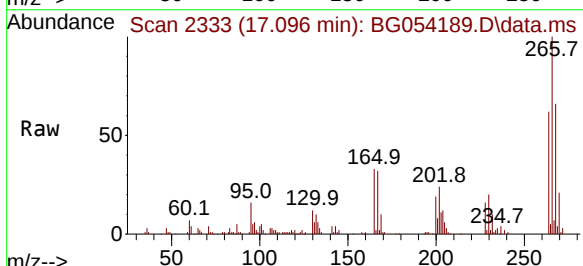
Tgt Ion:266 Resp: 98272

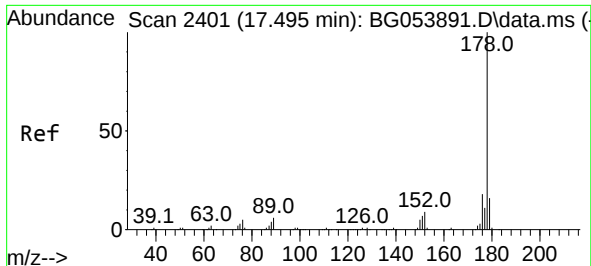
Ion Ratio Lower Upper

266 100

268 70.6 56.2 84.2

264 62.3 53.0 79.4

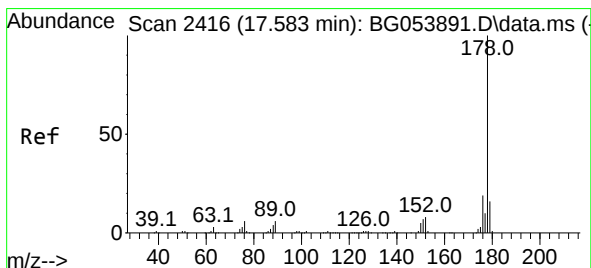
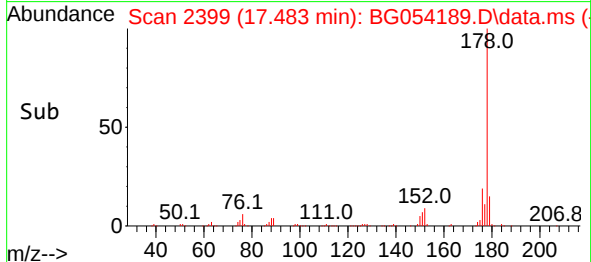
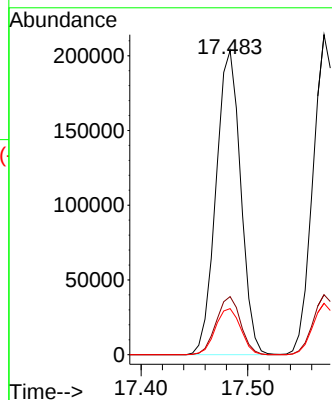
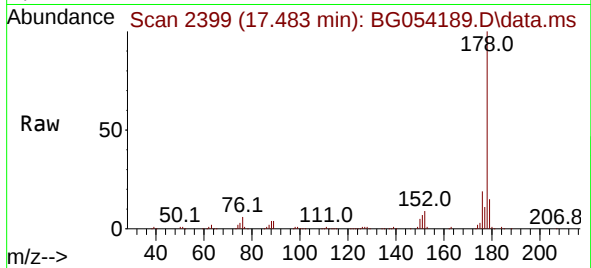




#71
Phenanthrene
Concen: 37.656 ng
RT: 17.483 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

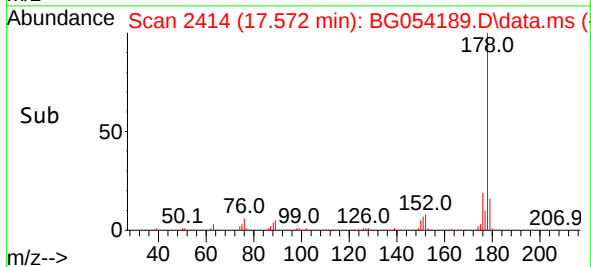
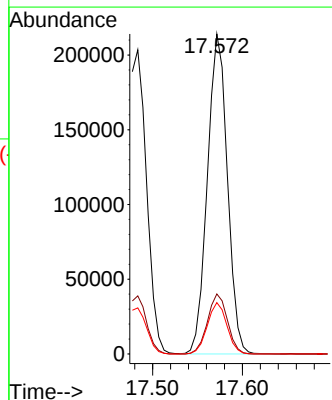
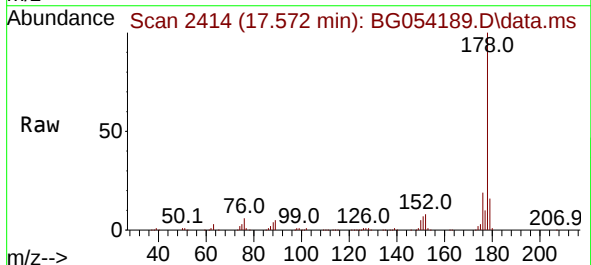
Instrument :
BNA_G
ClientSampleId :
PB145890BS

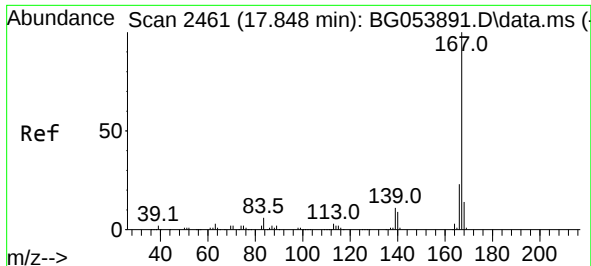
Tgt Ion:178 Resp: 327079
Ion Ratio Lower Upper
178 100
176 19.1 14.1 21.1
179 15.2 12.1 18.1



#72
Anthracene
Concen: 39.070 ng
RT: 17.572 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:178 Resp: 331397
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.1 13.0 19.4

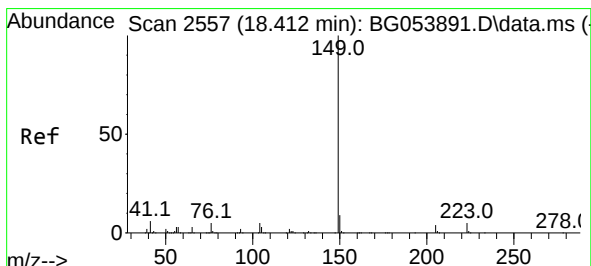
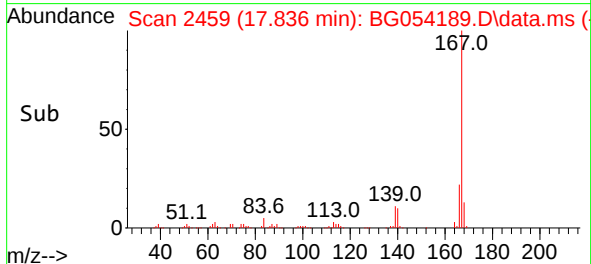
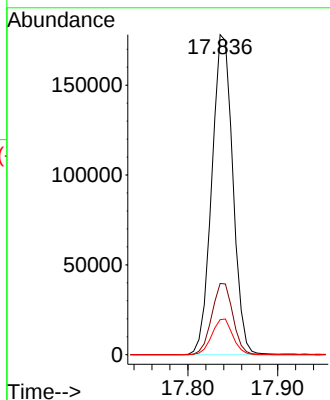
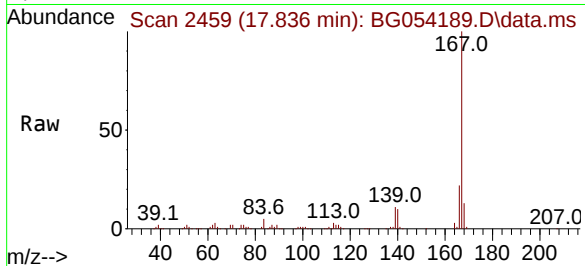




#73
Carbazole
Concen: 39.758 ng
RT: 17.836 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

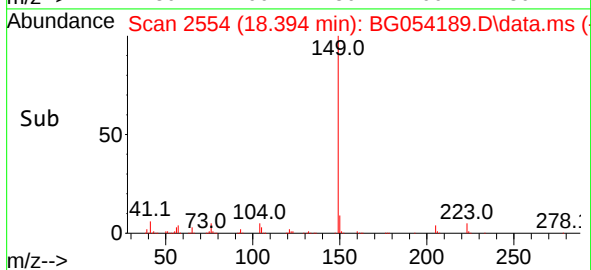
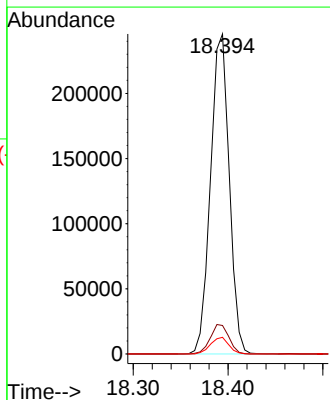
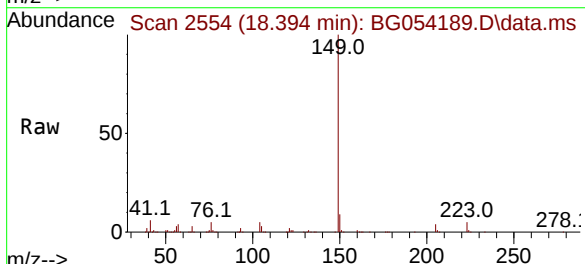
Instrument :
BNA_G
ClientSampleId :
PB145890BS

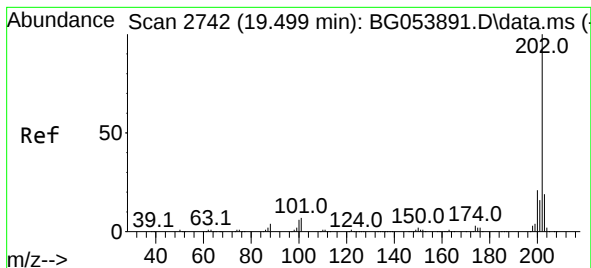
Tgt Ion:167 Resp: 289461
Ion Ratio Lower Upper
167 100
166 22.3 18.2 27.2
139 11.0 10.1 15.1



#74
Di-n-butylphthalate
Concen: 39.933 ng
RT: 18.394 min Scan# 2554
Delta R.T. -0.005 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:149 Resp: 336148
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 5.2 5.4 8.0#





#75

Fluoranthene

Concen: 37.256 ng

RT: 19.493 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

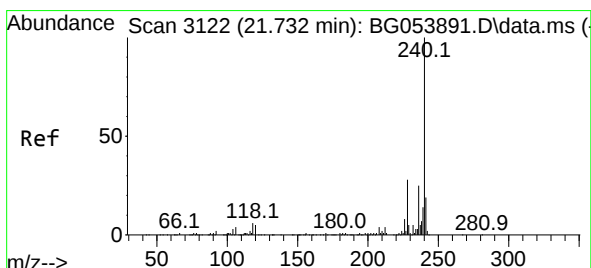
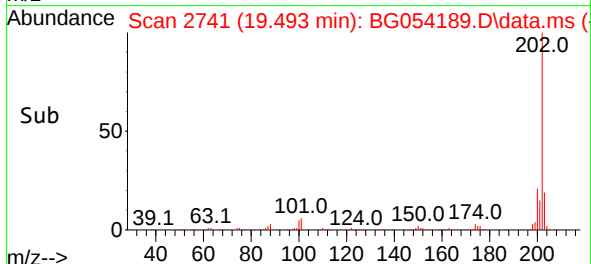
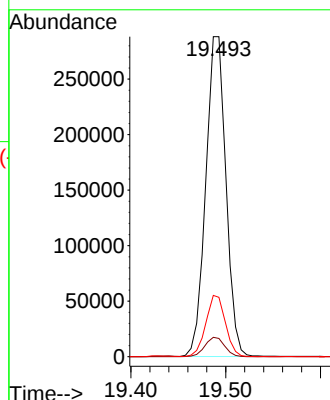
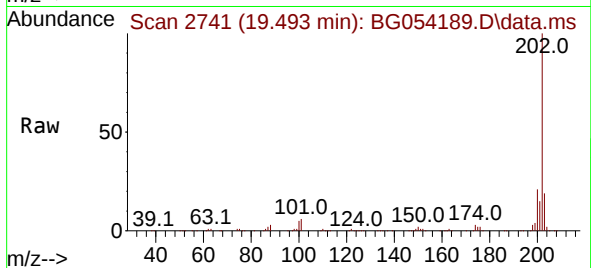
Tgt Ion:202 Resp: 424811

Ion Ratio Lower Upper

202 100

101 5.7 0.0 26.9

203 18.6 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.714 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

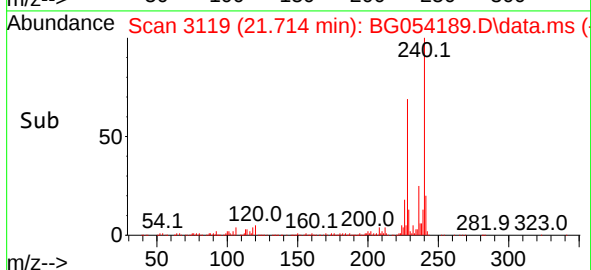
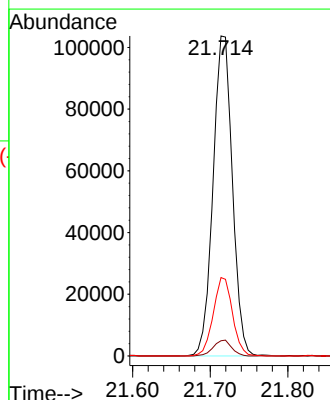
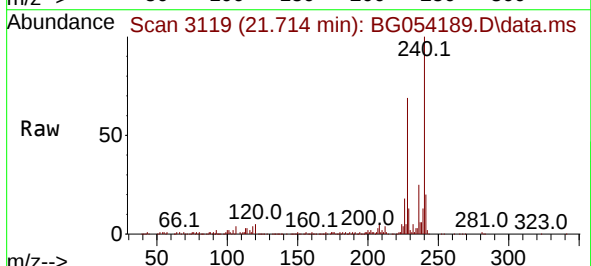
Tgt Ion:240 Resp: 179611

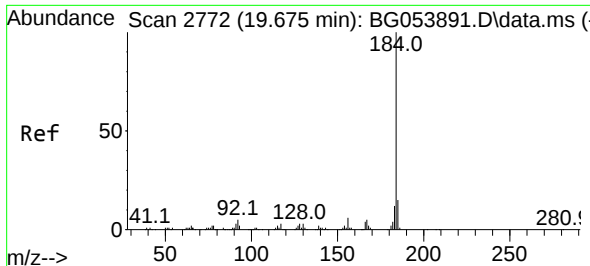
Ion Ratio Lower Upper

240 100

120 4.7 4.6 7.0

236 24.5 20.2 30.4

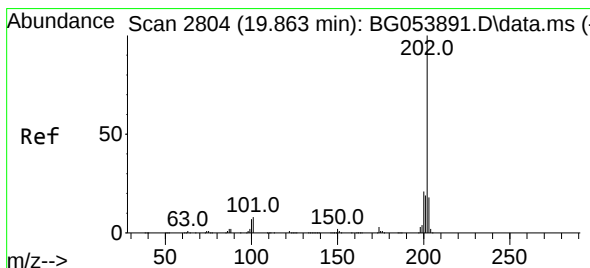
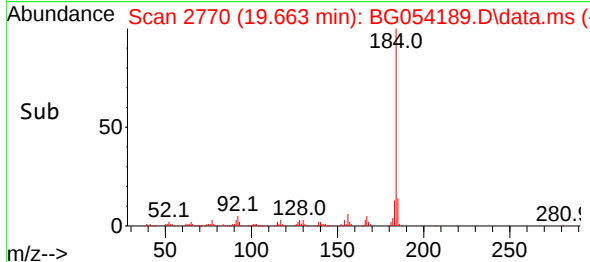
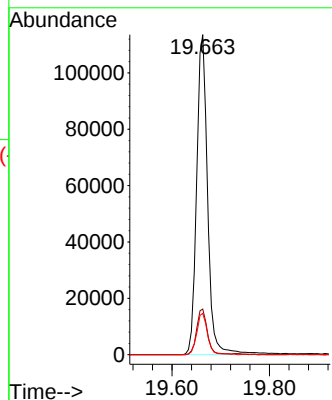
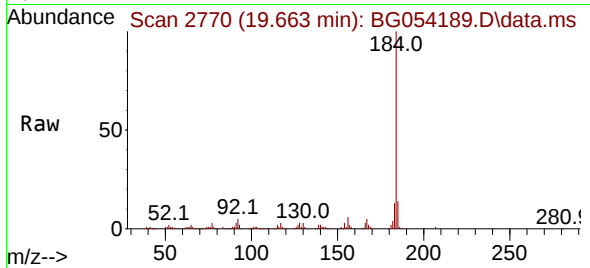




#77
Benzidine
Concen: 48.180 ng
RT: 19.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

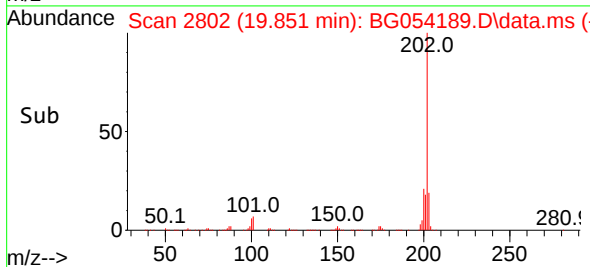
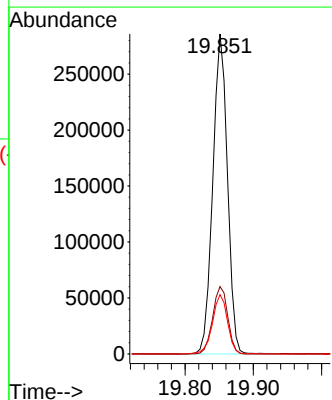
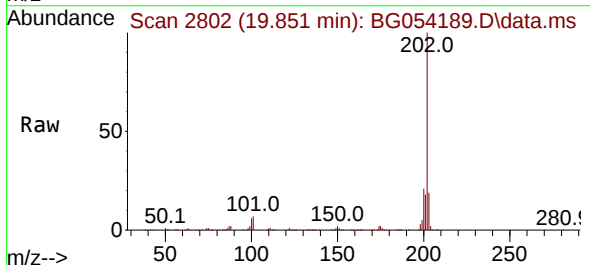
Instrument :
BNA_G
ClientSampleId :
PB145890BS

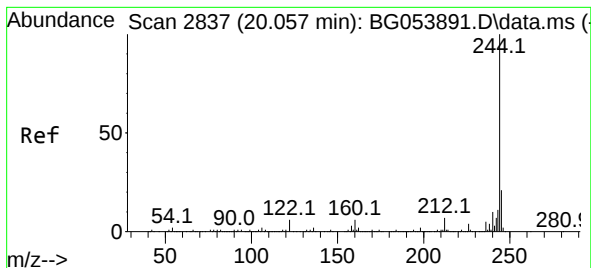
Tgt Ion:184 Resp: 179207
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.9 8.9 13.3



#78
Pyrene
Concen: 39.339 ng
RT: 19.851 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:202 Resp: 426756
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 18.5 14.6 21.8





#79

Terphenyl-d14

Concen: 83.835 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

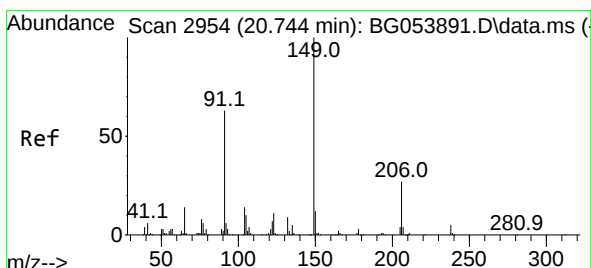
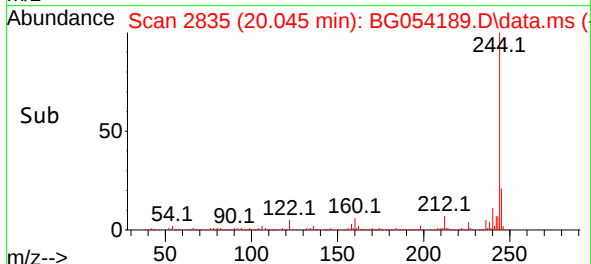
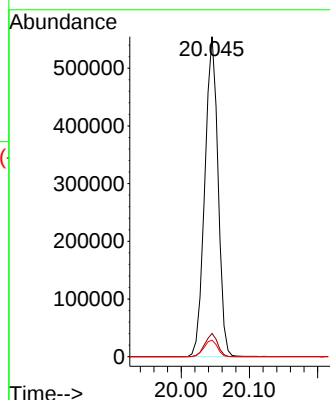
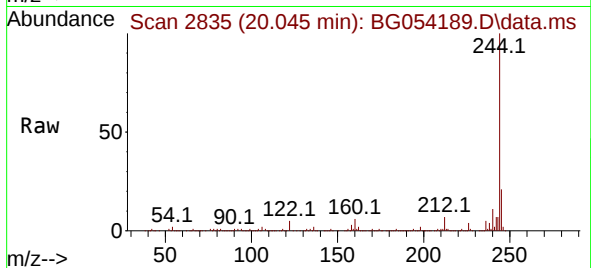
Tgt Ion:244 Resp: 747617

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 5.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 40.003 ng

RT: 20.727 min Scan# 2951

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

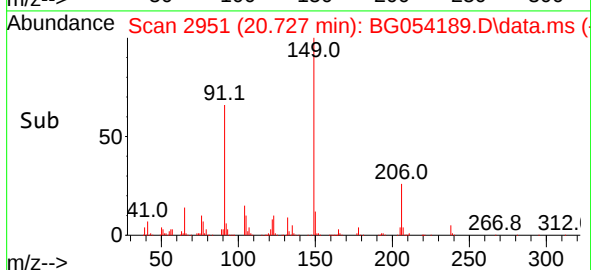
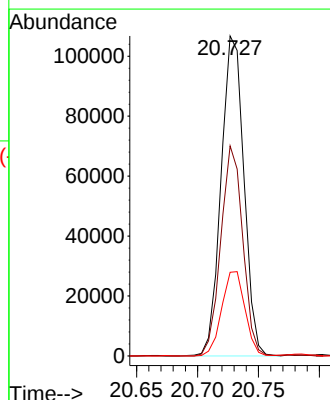
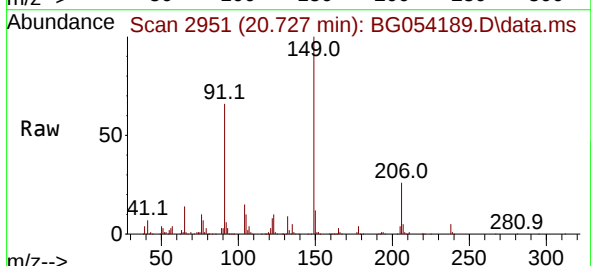
Tgt Ion:149 Resp: 139095

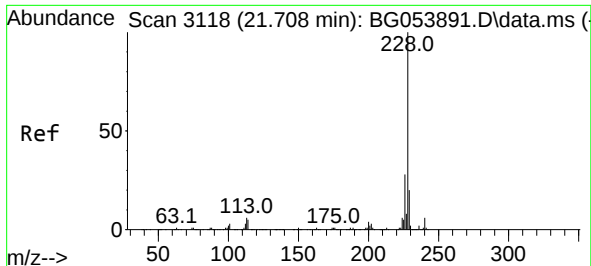
Ion Ratio Lower Upper

149 100

91 65.7 59.6 89.4

206 26.2 18.6 28.0

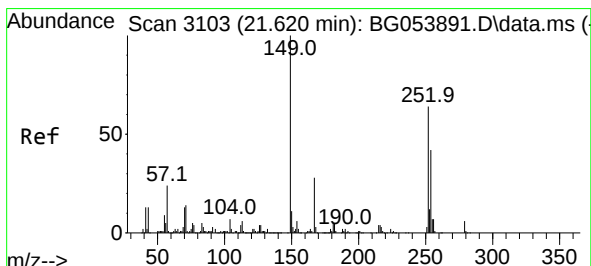
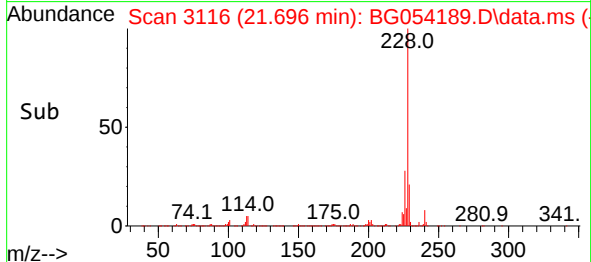
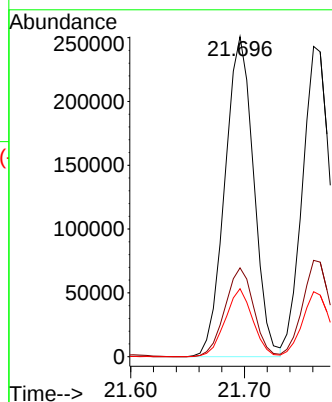
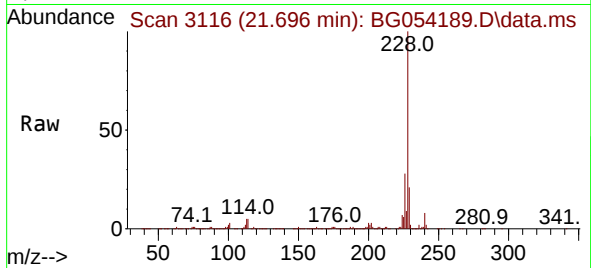




#81
Benzo(a)anthracene
Concen: 37.881 ng
RT: 21.696 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

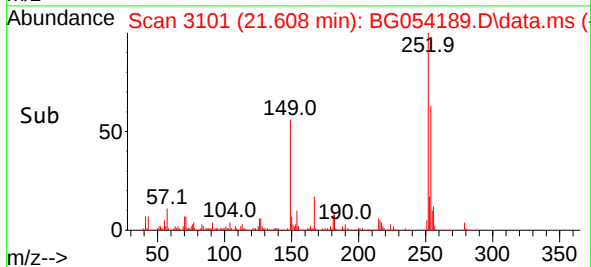
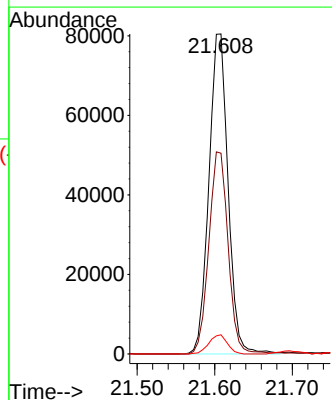
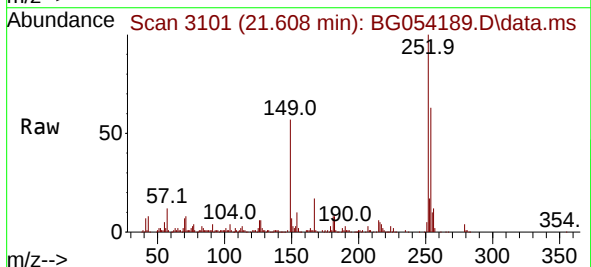
Instrument :
BNA_G
ClientSampleId :
PB145890BS

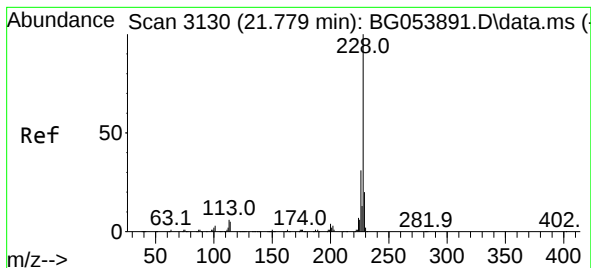
Tgt Ion:228 Resp: 440534
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 21.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 39.777 ng
RT: 21.608 min Scan# 3101
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:252 Resp: 138205
Ion Ratio Lower Upper
252 100
254 62.7 49.8 74.8
126 6.0 6.0 9.0





#83

Chrysene

Concen: 37.017 ng

RT: 21.761 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

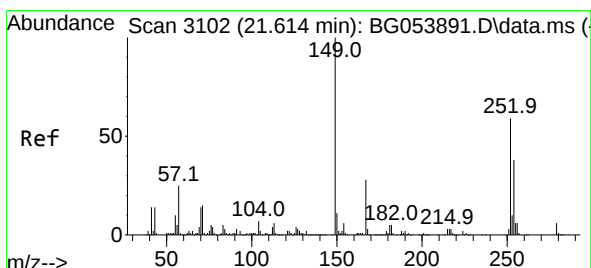
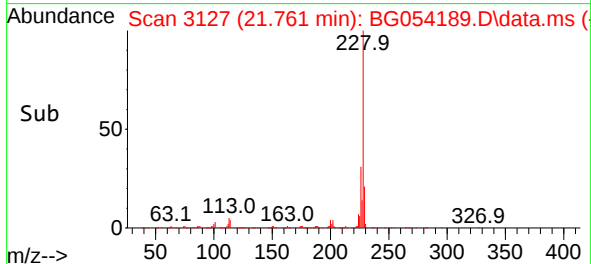
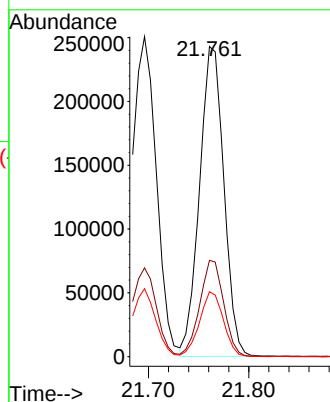
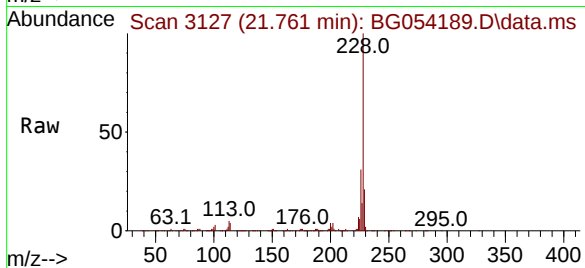
Tgt Ion:228 Resp: 410343

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

229 21.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.576 ng

RT: 21.596 min Scan# 3099

Delta R.T. -0.005 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

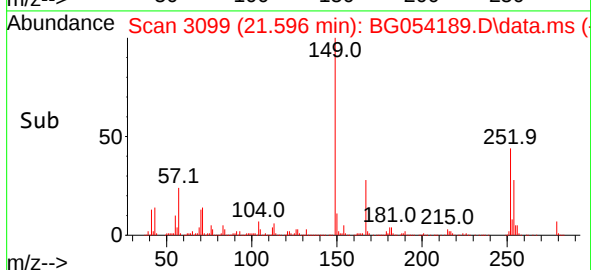
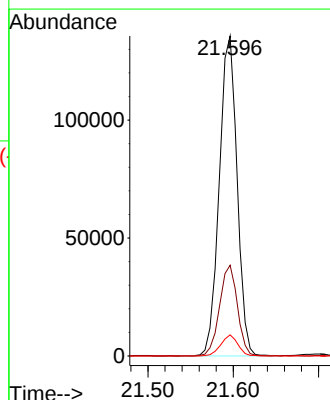
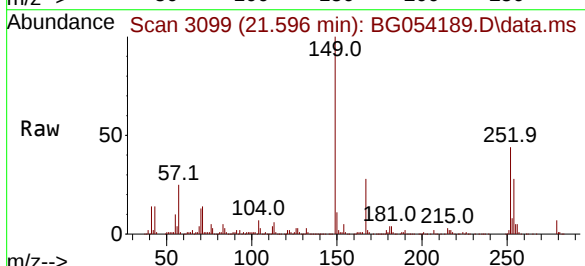
Tgt Ion:149 Resp: 196813

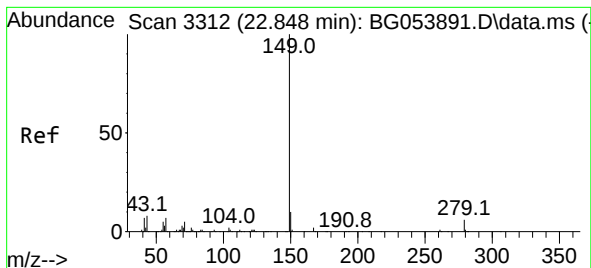
Ion Ratio Lower Upper

149 100

167 28.3 20.2 30.4

279 6.6 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 38.989 ng

RT: 22.812 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

Instrument :

BNA_G

ClientSampleId :

PB145890BS

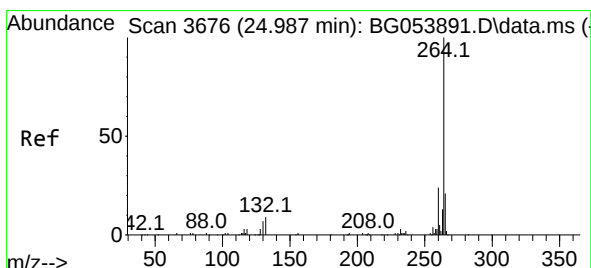
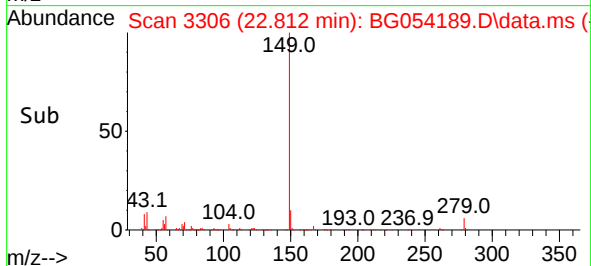
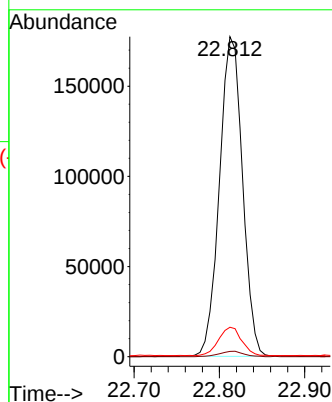
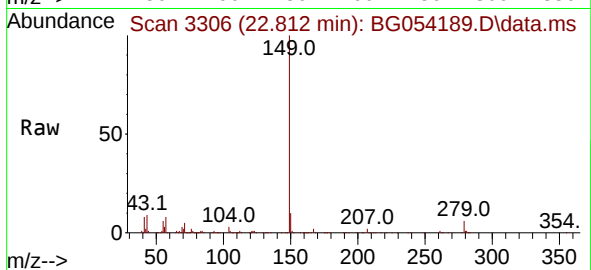
Tgt Ion:149 Resp: 333257

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.9 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.969 min Scan# 3673

Delta R.T. 0.006 min

Lab File: BG054189.D

Acq: 1 Jul 2022 13:35

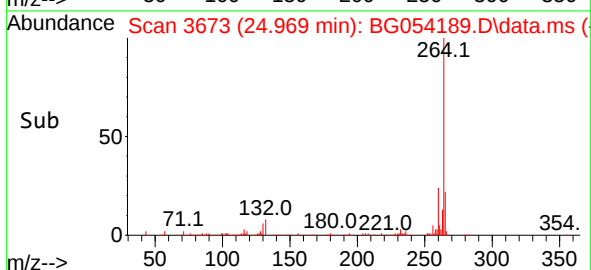
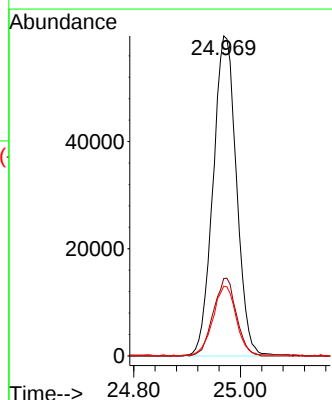
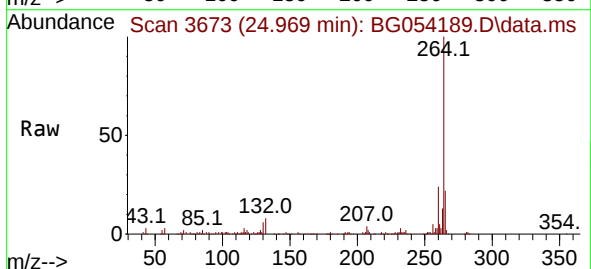
Tgt Ion:264 Resp: 181682

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.8 17.4 26.2

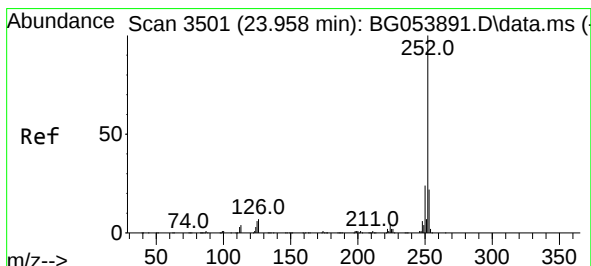
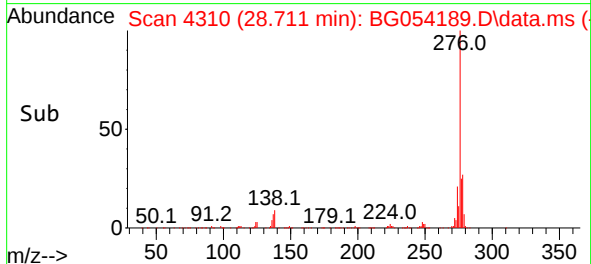
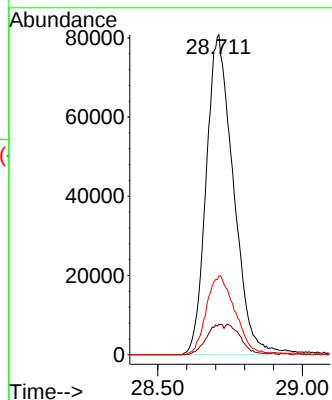
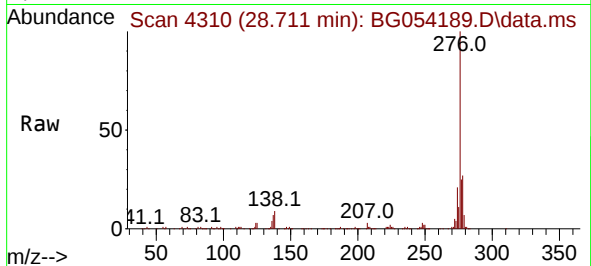




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.274 ng
 RT: 28.711 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

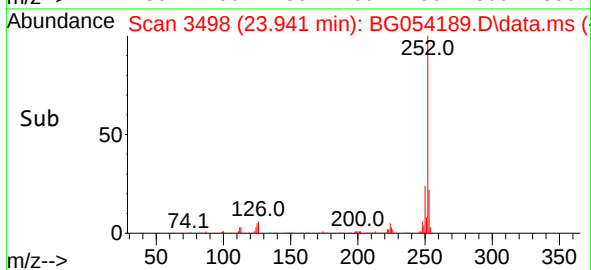
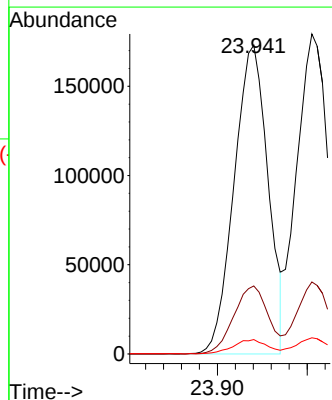
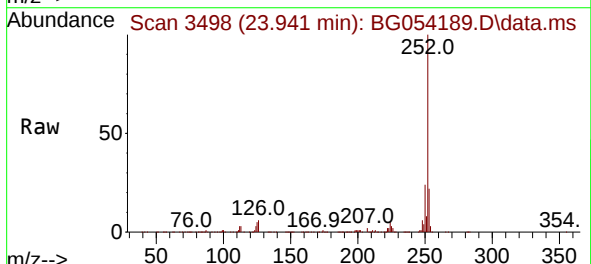
Instrument :
 BNA_G
 ClientSampleId :
 PB145890BS

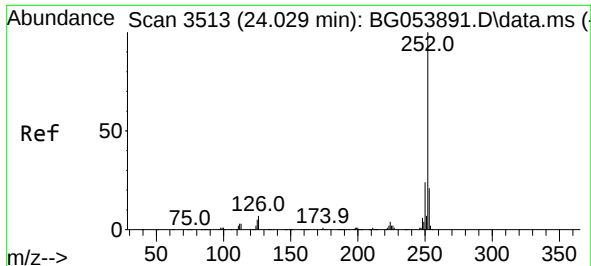
Tgt Ion:276 Resp: 524761
 Ion Ratio Lower Upper
 276 100
 138 6.1 5.0 7.4
 277 26.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.128 ng
 RT: 23.941 min Scan# 3498
 Delta R.T. 0.006 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

Tgt Ion:252 Resp: 454333
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 4.7 4.6 6.8

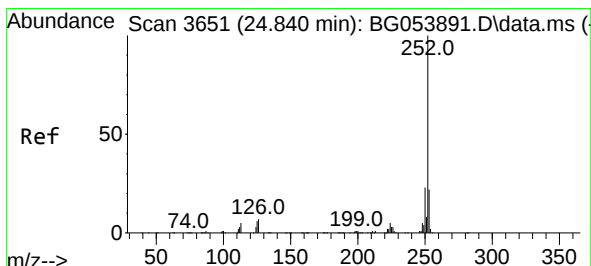
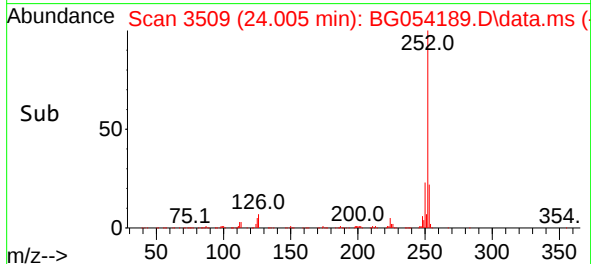
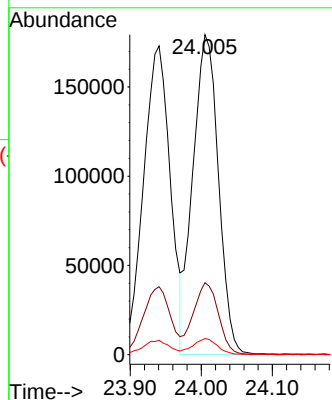
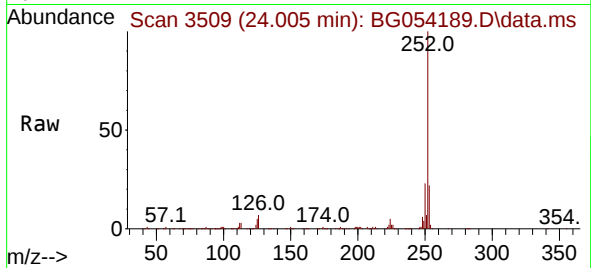




#89
Benzo(k)fluoranthene
Concen: 40.902 ng
RT: 24.005 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

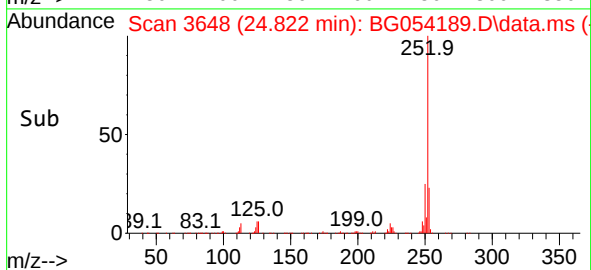
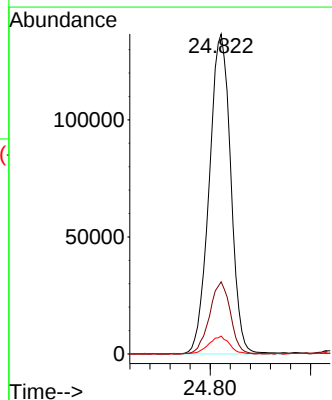
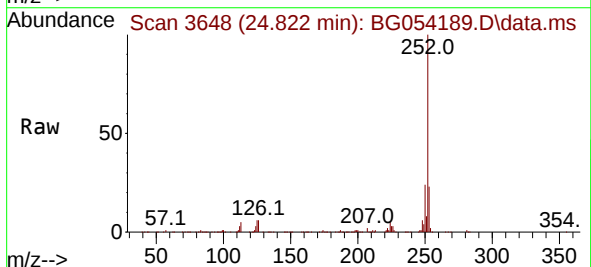
Instrument :
BNA_G
ClientSampleId :
PB145890BS

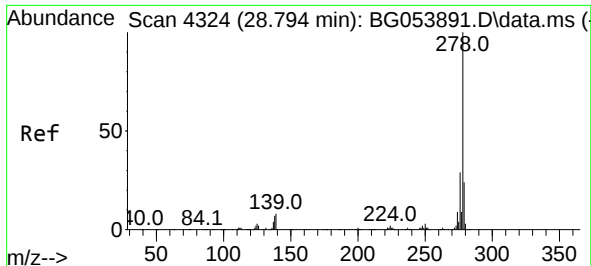
Tgt Ion:252 Resp: 447362
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 5.1 4.8 7.2



#90
Benzo(a)pyrene
Concen: 43.612 ng
RT: 24.822 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG054189.D
Acq: 1 Jul 2022 13:35

Tgt Ion:252 Resp: 406484
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.6 4.3 6.5

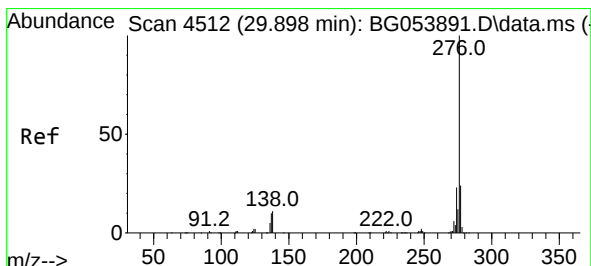
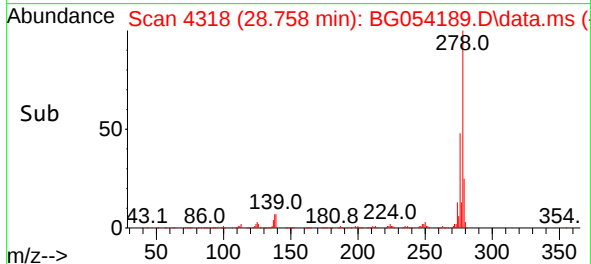
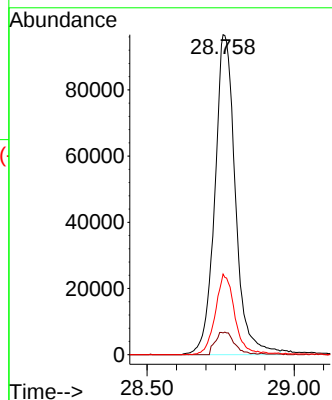
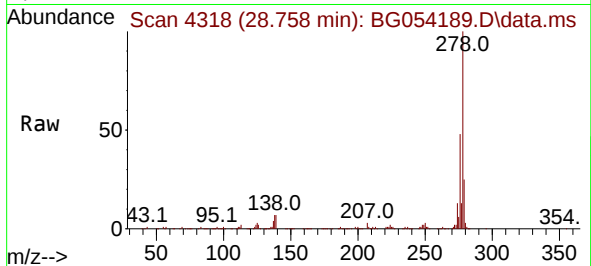




#91
 Dibenzo(a,h)anthracene
 Concen: 41.329 ng
 RT: 28.758 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

Instrument :
 BNA_G
 ClientSampleId :
 PB145890BS

Tgt Ion:278 Resp: 468569
 Ion Ratio Lower Upper
 278 100
 139 6.8 7.2 10.8#
 279 25.2 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 40.226 ng
 RT: 29.881 min Scan# 4509
 Delta R.T. 0.018 min
 Lab File: BG054189.D
 Acq: 1 Jul 2022 13:35

Tgt Ion:276 Resp: 450079
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.3 25.9
 138 9.9 9.6 14.4

