

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053545.D
 Acq On : 13 May 2022 16:23
 Operator : CG/JU
 Sample : PB144757BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144757BS

Quant Time: May 14 03:13:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	25645	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	108277	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	86153	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	217989	20.000	ng	0.00
76) Chrysene-d12	21.739	240	211782	20.000	ng	0.00
86) Perylene-d12	25.011	264	219889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	202256	133.849	ng	0.00
7) Phenol-d6	7.253	99	293193	127.848	ng	0.00
23) Nitrobenzene-d5	9.250	82	204572	80.426	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	158592	124.811	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	469752	79.677	ng	0.00
79) Terphenyl-d14	20.059	244	960339	84.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	30465	38.425	ng	95
3) Pyridine	3.928	79	56292	29.073	ng	95
4) n-Nitrosodimethylamine	3.840	42	38827	41.165	ng	93
6) Aniline	7.406	93	107248	42.224	ng	98
8) 2-Chlorophenol	7.652	128	72293	45.764	ng	99
9) Benzaldehyde	7.218	77	51533	35.372	ng	92
10) Phenol	7.276	94	101080	45.066	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	69303	41.430	ng	97
12) 1,3-Dichlorobenzene	7.975	146	74212	39.822	ng	91
13) 1,4-Dichlorobenzene	8.122	146	75815	40.315	ng	95
14) 1,2-Dichlorobenzene	8.440	146	75678	42.855	ng	94
15) Benzyl Alcohol	8.322	79	87219	45.491	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.610	45	114677	42.121	ng	98
17) 2-Methylphenol	8.534	107	68736	45.342	ng	96
18) Hexachloroethane	9.174	117	28430	39.810	ng	95
19) n-Nitroso-di-n-propyla...	8.886	70	69444	42.205	ng	95
20) 3+4-Methylphenols	8.863	107	93571	43.704	ng	99
22) Acetophenone	8.909	105	118929	40.133	ng	96
24) Nitrobenzene	9.291	77	104448	42.426	ng	96
25) Isophorone	9.814	82	187731	43.855	ng	99
26) 2-Nitrophenol	10.008	139	42935	43.060	ng	96
27) 2,4-Dimethylphenol	10.061	122	74800	49.847	ng	96
28) bis(2-Chloroethoxy)met...	10.290	93	99823	40.545	ng	99
29) 2,4-Dichlorophenol	10.548	162	82767	45.701	ng	94
30) 1,2,4-Trichlorobenzene	10.760	180	82605	40.144	ng	99
31) Naphthalene	10.948	128	226400	41.106	ng	98
32) Benzoic acid	10.237	122	33813	38.161	ng	92
33) 4-Chloroaniline	11.054	127	74727	32.397	ng	97
34) Hexachlorobutadiene	11.236	225	62287	40.822	ng	97
35) Caprolactam	11.823	113	15039	22.851	ng	96
36) 4-Chloro-3-methylphenol	12.176	107	94888	43.801	ng	95
37) 2-Methylnaphthalene	12.546	142	168374	40.964	ng	98
38) 1-Methylnaphthalene	12.546	142	168374	41.985	ng	93
40) 1,2,4,5-Tetrachloroben...	12.916	216	109882	40.462	ng	98
41) Hexachlorocyclopentadiene	12.898	237	105542	93.711	ng	99
43) 2,4,6-Trichlorophenol	13.157	196	75139	42.388	ng	98

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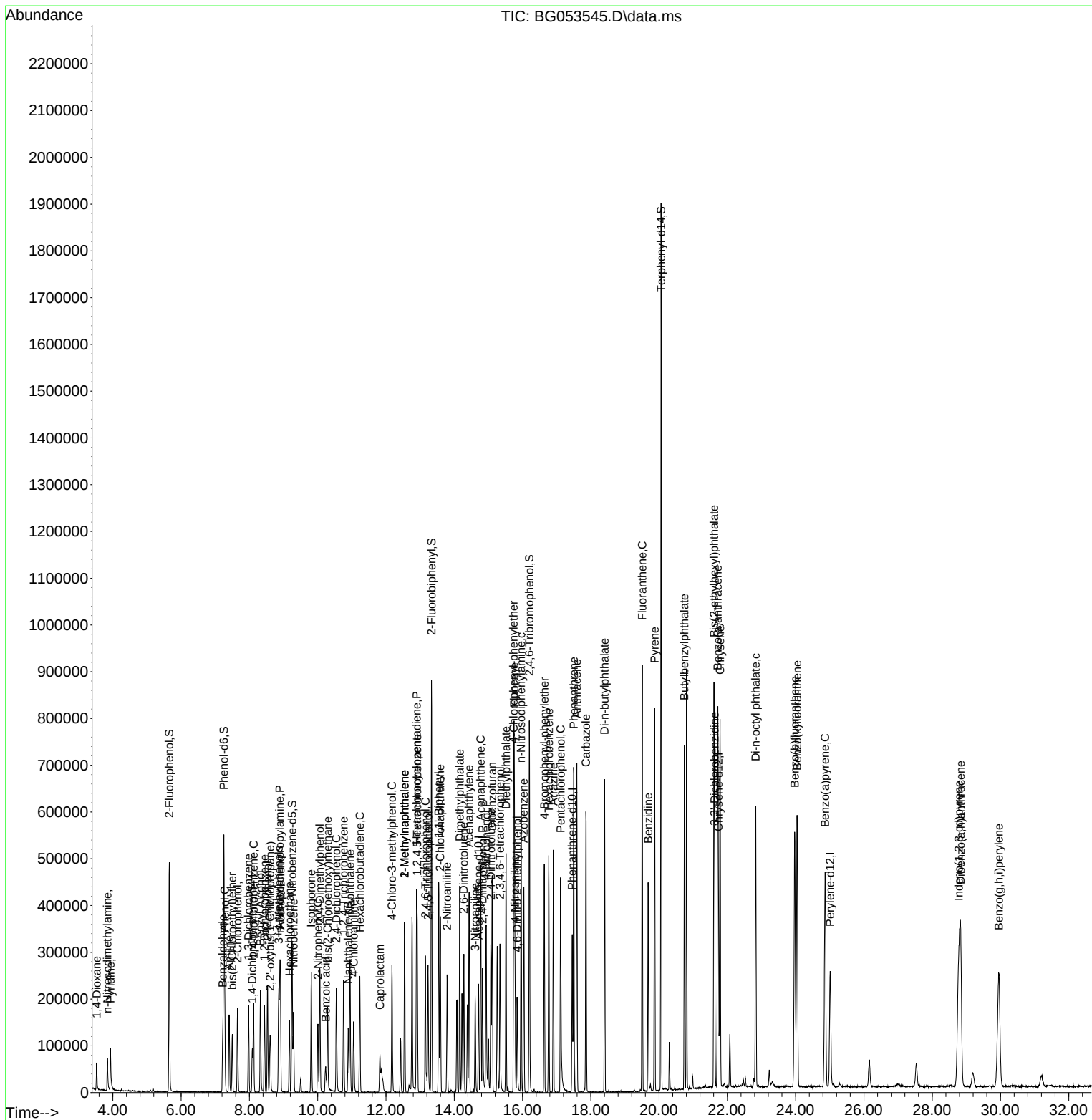
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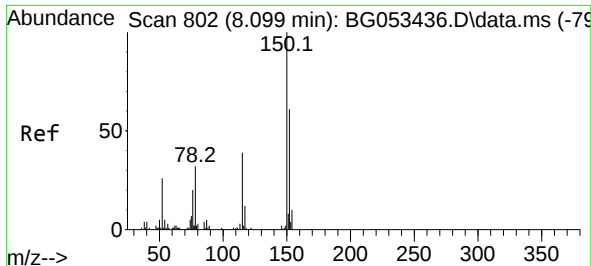
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	79707	42.249	ng	98
46) 1,1'-Biphenyl	13.544	154	235135	40.040	ng	99
47) 2-Chloronaphthalene	13.591	162	184183	40.031	ng	98
48) 2-Nitroaniline	13.791	65	77088	44.965	ng	99
49) Acenaphthylene	14.437	152	317515	43.247	ng	99
50) Dimethylphthalate	14.161	163	269182	41.116	ng	98
51) 2,6-Dinitrotoluene	14.279	165	58382	43.771	ng	95
52) Acenaphthene	14.778	154	180557	41.266	ng	98
53) 3-Nitroaniline	14.614	138	48627	33.742	ng	100
54) 2,4-Dinitrophenol	14.831	184	66513	78.672	ng	92
55) Dibenzofuran	15.113	168	310146	39.463	ng	99
56) 4-Nitrophenol	14.937	139	86908	84.431	ng	91
57) 2,4-Dinitrotoluene	15.072	165	84198	43.550	ng	# 87
58) Fluorene	15.759	166	260442	41.295	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.342	232	80110	41.851	ng	99
60) Diethylphthalate	15.518	149	282132	41.719	ng	96
61) 4-Chlorophenyl-phenyle...	15.741	204	146746	41.698	ng	98
62) 4-Nitroaniline	15.783	138	60941	40.770	ng	98
63) Azobenzene	16.035	77	282262	40.760	ng	99
65) 4,6-Dinitro-2-methylph...	15.841	198	52037	40.061	ng	93
66) n-Nitrosodiphenylamine	15.959	169	238352	41.645	ng	99
67) 4-Bromophenyl-phenylether	16.640	248	104124	40.899	ng	94
68) Hexachlorobenzene	16.769	284	114927	41.219	ng	98
69) Atrazine	16.905	200	102367	42.486	ng	94
70) Pentachlorophenol	17.116	266	114073	76.205	ng	97
71) Phenanthrene	17.504	178	450883	40.678	ng	98
72) Anthracene	17.592	178	455705	41.827	ng	99
73) Carbazole	17.856	167	413098	38.688	ng	99
74) Di-n-butylphthalate	18.403	149	487971	40.634	ng	100
75) Fluoranthene	19.507	202	577408	40.231	ng	99
77) Benzidine	19.683	184	277368	60.764	ng	98
78) Pyrene	19.871	202	573772	41.852	ng	99
80) Butylbenzylphthalate	20.741	149	212051	42.180	ng	97
81) Benzo(a)anthracene	21.716	228	564101	41.761	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	166219	48.525	ng	98
83) Chrysene	21.786	228	516869	40.970	ng	99
84) Bis(2-ethylhexyl)phtha...	21.610	149	302762	43.633	ng	99
85) Di-n-octyl phthalate	22.832	149	508980	43.379	ng	100
87) Indeno(1,2,3-cd)pyrene	28.783	276	628475	41.037	ng	# 95
88) Benzo(b)fluoranthene	23.971	252	585888	45.014	ng	100
89) Benzo(k)fluoranthene	24.042	252	555671	43.446	ng	99
90) Benzo(a)pyrene	24.864	252	557589	50.332	ng	99
91) Dibenzo(a,h)anthracene	28.835	278	543137	43.040	ng	99
92) Benzo(g,h,i)perylene	29.957	276	539611	43.138	ng	97

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

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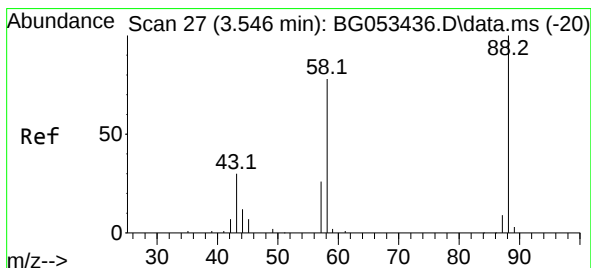
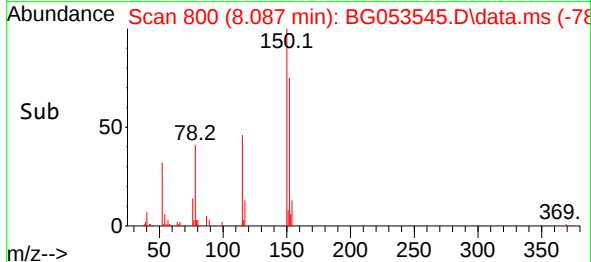
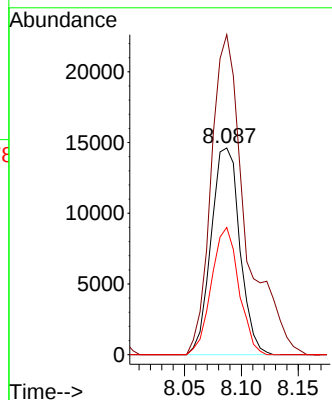
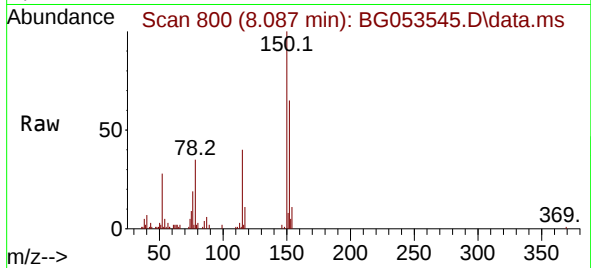




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.087 min Scan# 80
 Delta R.T. -0.002 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

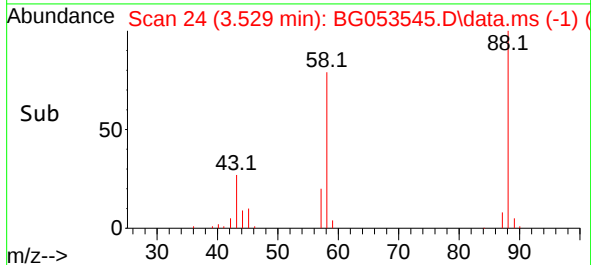
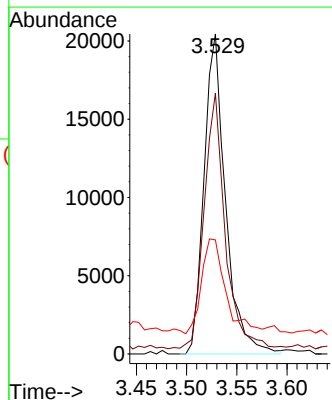
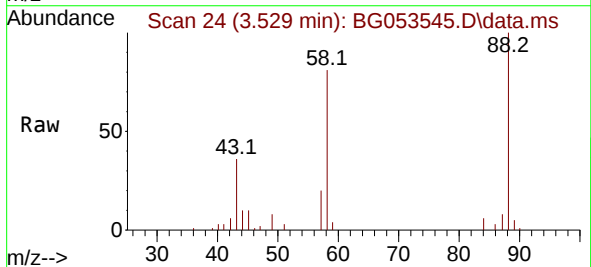
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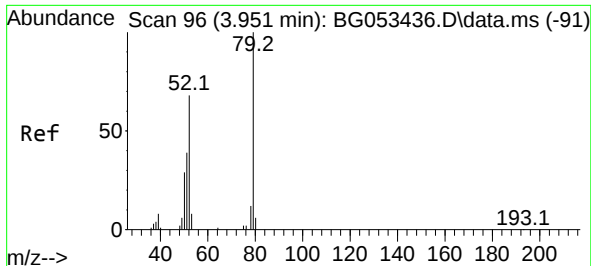
Tgt Ion:152 Resp: 25645
 Ion Ratio Lower Upper
 152 100
 150 154.8 131.6 197.4
 115 61.6 50.9 76.3



#2
 1,4-Dioxane
 Concen: 38.425 ng
 RT: 3.529 min Scan# 24
 Delta R.T. -0.008 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

Tgt Ion: 88 Resp: 30465
 Ion Ratio Lower Upper
 88 100
 58 78.2 59.2 88.8
 43 33.3 24.3 36.5

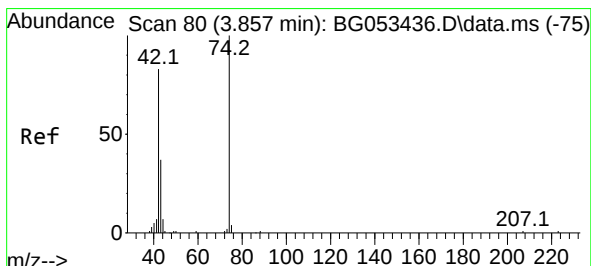
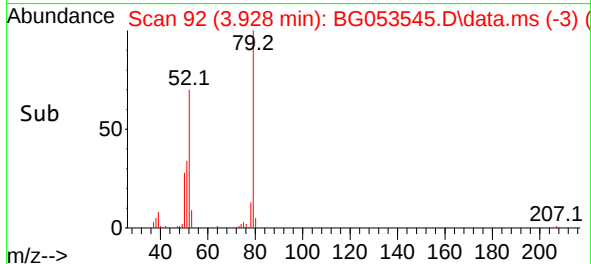
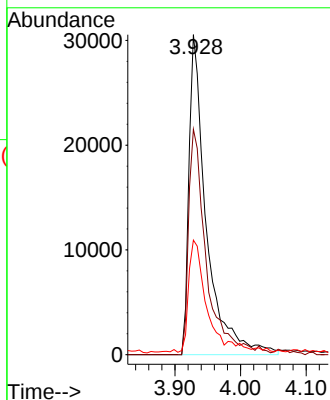
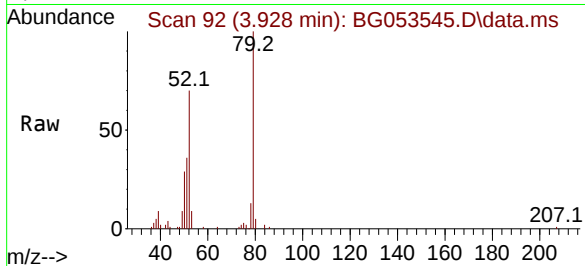




#3
 Pyridine
 Concen: 29.073 ng
 RT: 3.928 min Scan# 91
 Delta R.T. -0.008 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

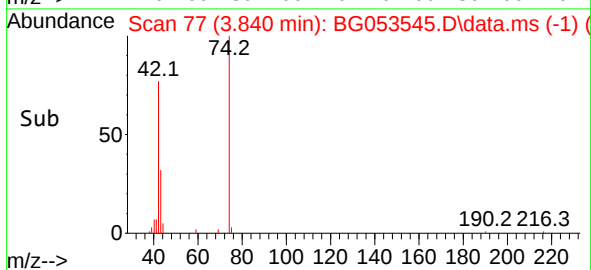
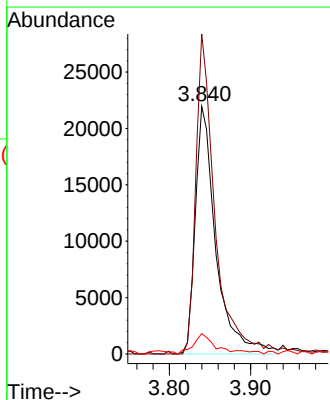
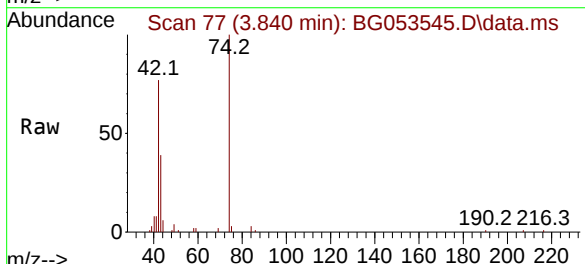
Instrument :
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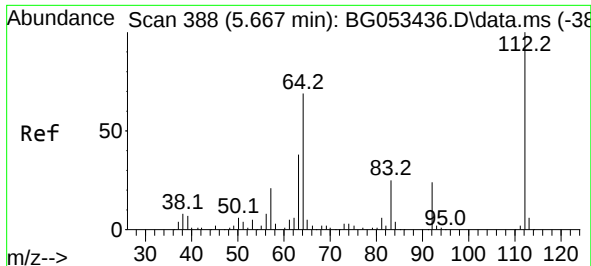
Tgt Ion: 79 Resp: 56292
 Ion Ratio Lower Upper
 79 100
 52 70.4 54.6 81.8
 51 35.8 32.5 48.7



#4
 n-Nitrosodimethylamine
 Concen: 41.165 ng
 RT: 3.840 min Scan# 77
 Delta R.T. -0.008 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

Tgt Ion: 42 Resp: 38827
 Ion Ratio Lower Upper
 42 100
 74 129.3 97.0 145.4
 44 8.2 7.0 10.4

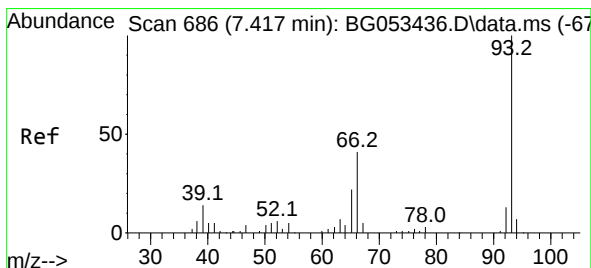
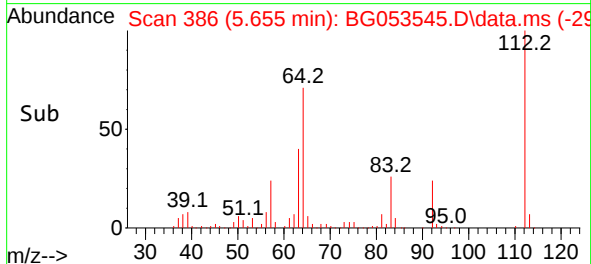
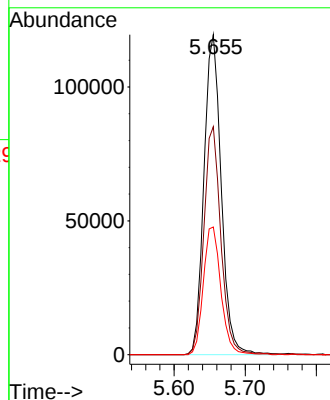
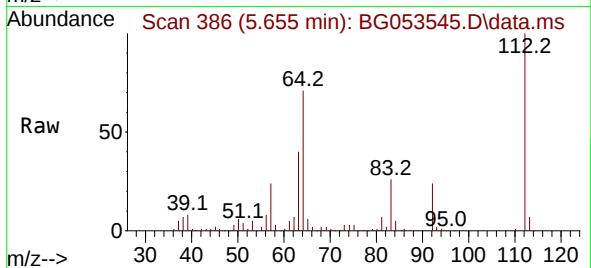




#5
2-Fluorophenol
Concen: 133.849 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

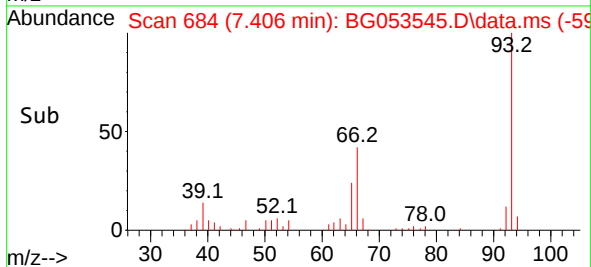
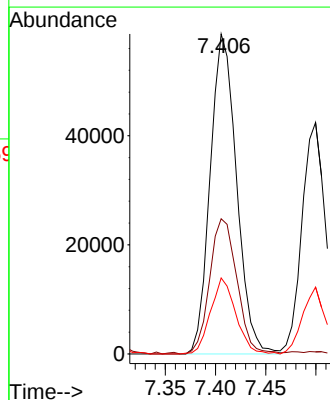
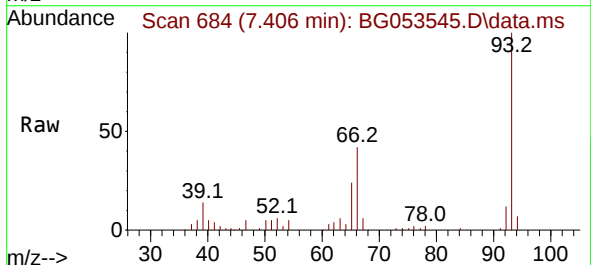
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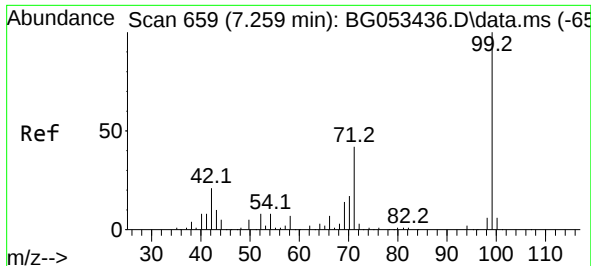
Tgt Ion:112 Resp: 202256
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 39.9 30.4 45.6



#6
Aniline
Concen: 42.224 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion: 93 Resp: 107248
Ion Ratio Lower Upper
93 100
66 42.3 32.9 49.3
65 23.8 17.8 26.8

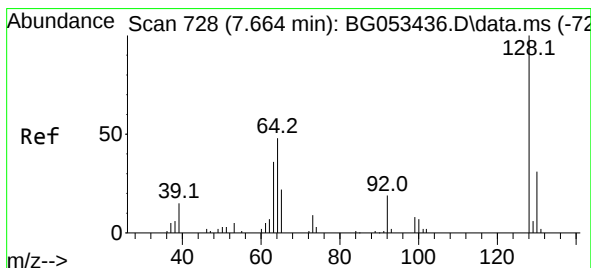
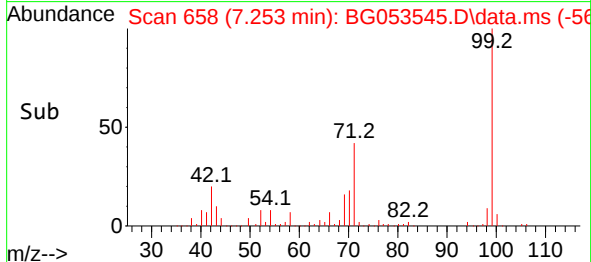
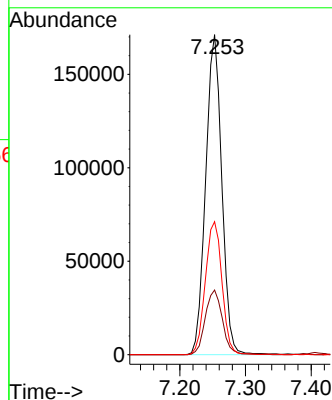
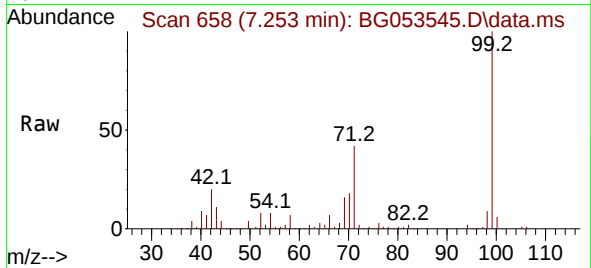




#7
Phenol-d6
Concen: 127.848 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

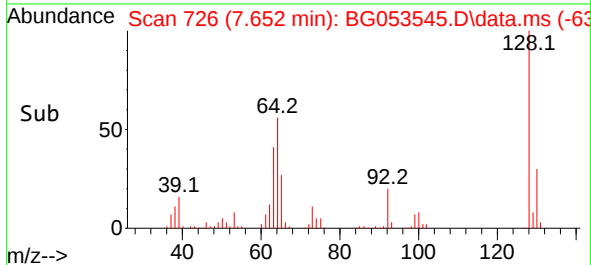
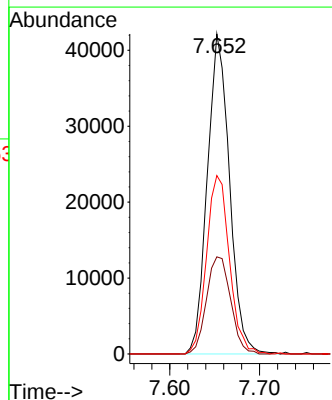
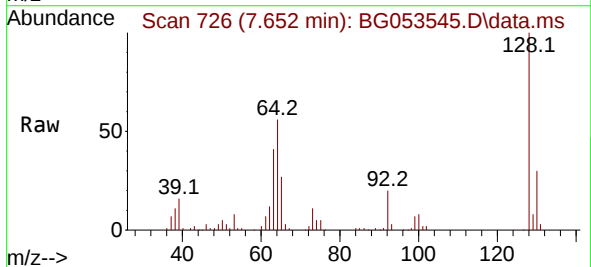
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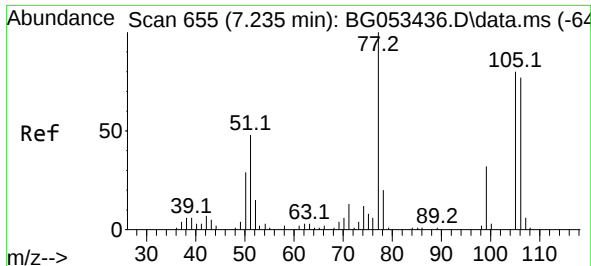
Tgt Ion: 99 Resp: 293193
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 41.5 33.8 50.8



#8
2-Chlorophenol
Concen: 45.764 ng
RT: 7.652 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:128 Resp: 72293
Ion Ratio Lower Upper
128 100
130 30.3 10.5 50.5
64 55.7 35.1 75.1

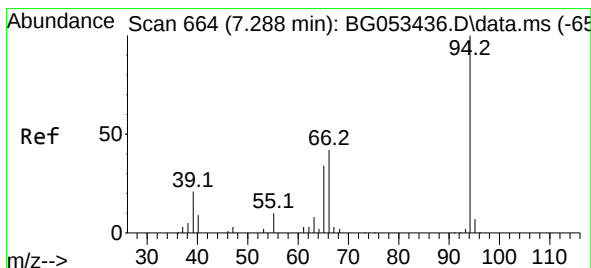
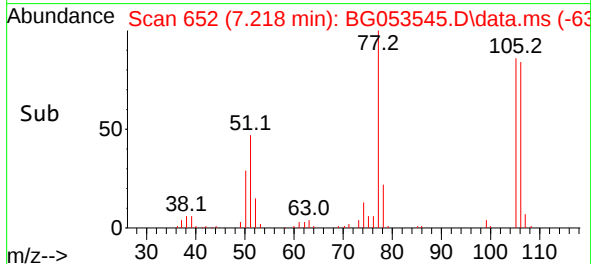
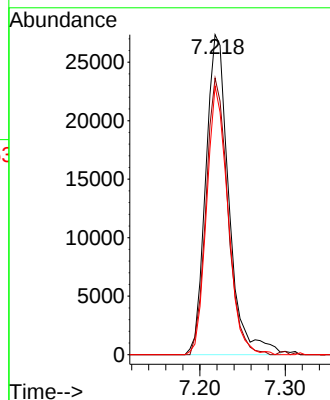
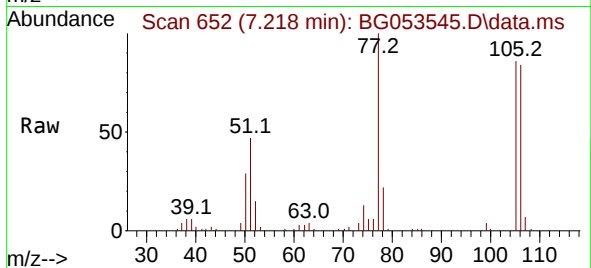




#9
Benzaldehyde
Concen: 35.372 ng
RT: 7.218 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053545.D
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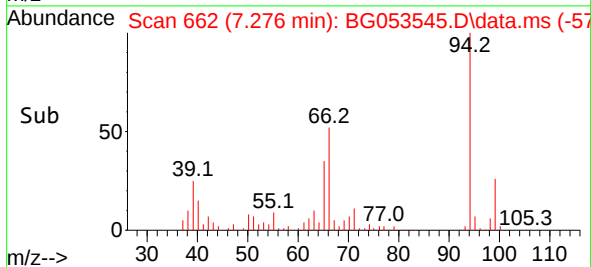
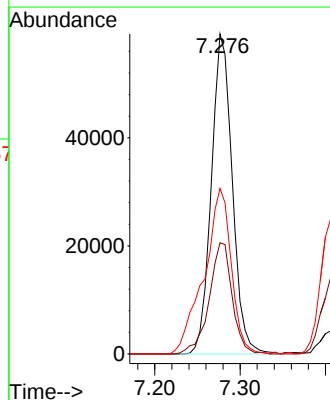
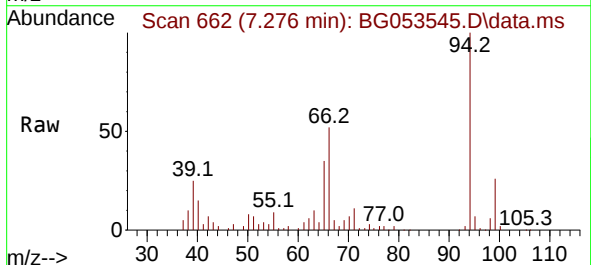
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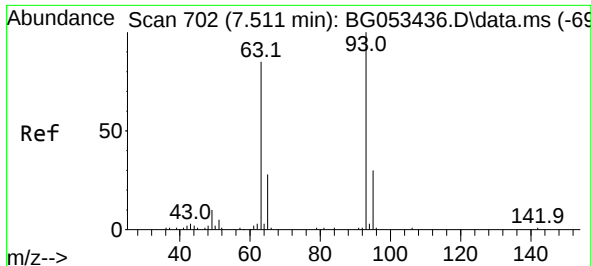
Tgt Ion: 77 Resp: 51533
Ion Ratio Lower Upper
77 100
105 86.5 59.6 99.6
106 83.9 56.8 96.8



#10
Phenol
Concen: 45.066 ng
RT: 7.276 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion: 94 Resp: 101080
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 51.7 25.2 65.2

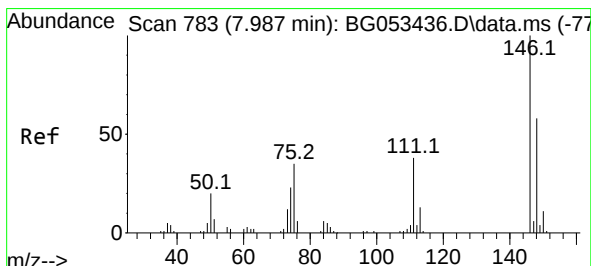
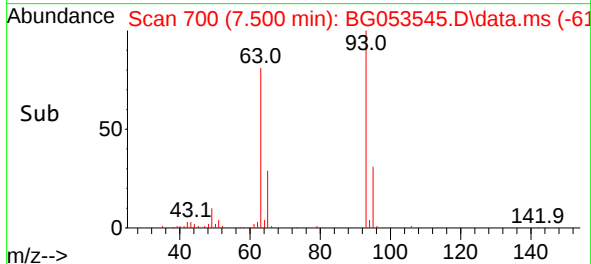
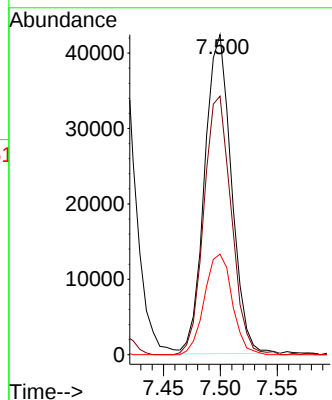
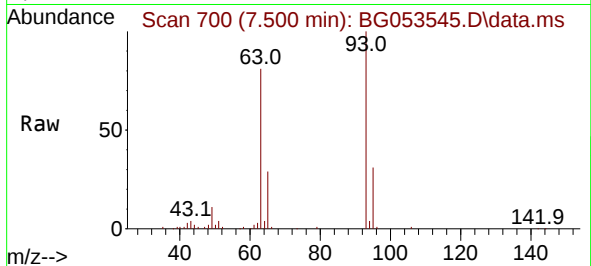




#11
bis(2-Chloroethyl)ether
Concen: 41.430 ng
RT: 7.500 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

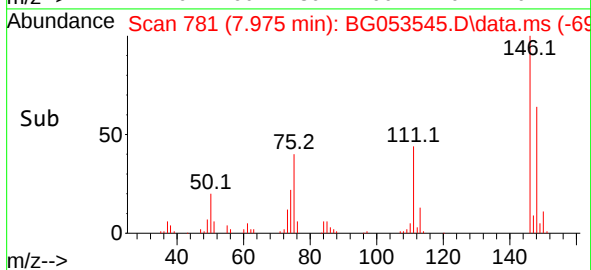
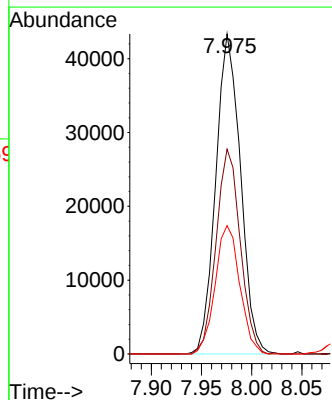
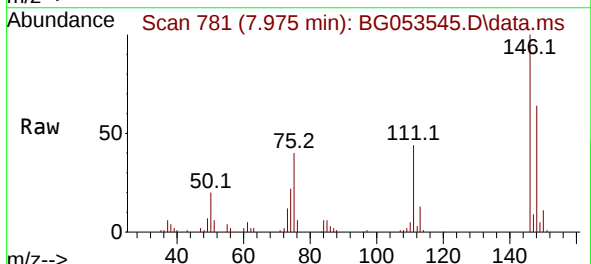
Instrument :
BNA_G
ClientSampleId :
PB144757BS

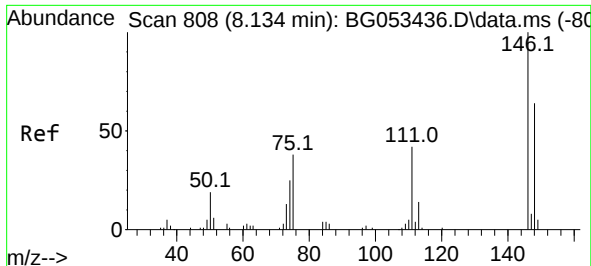
Tgt Ion: 93 Resp: 69303
Ion Ratio Lower Upper
93 100
63 80.8 63.6 103.6
95 31.4 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 39.822 ng
RT: 7.975 min Scan# 781
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:146 Resp: 74212
Ion Ratio Lower Upper
146 100
148 64.0 46.1 69.1
75 40.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.315 ng

RT: 8.122 min Scan# 80

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

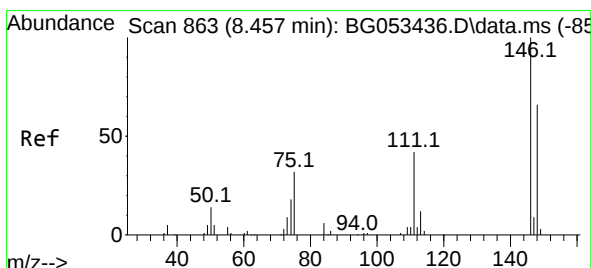
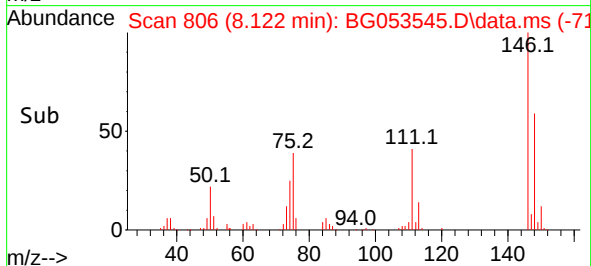
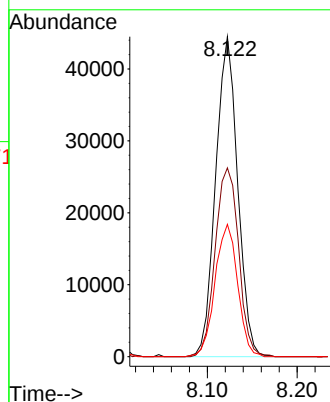
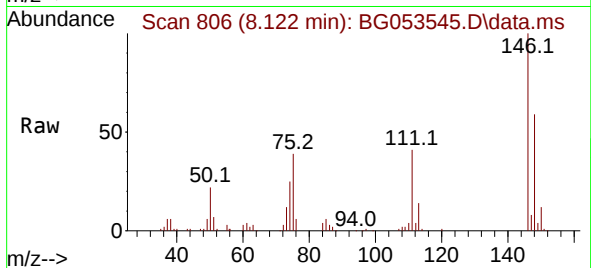
Tgt Ion:146 Resp: 75815

Ion Ratio Lower Upper

146 100

148 59.0 51.5 77.3

111 41.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 42.855 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

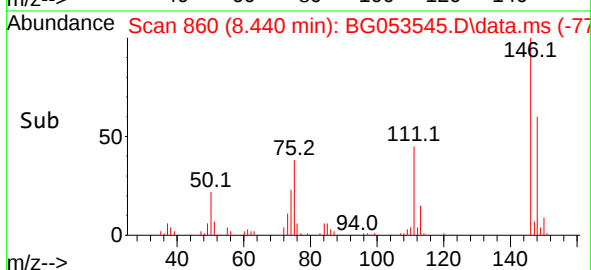
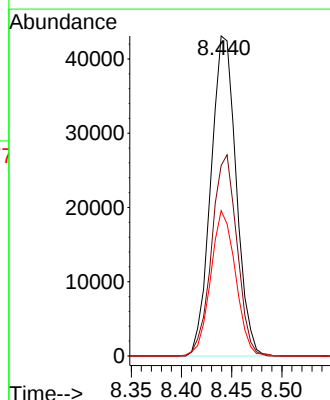
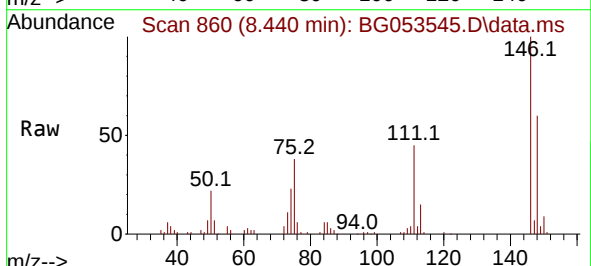
Tgt Ion:146 Resp: 75678

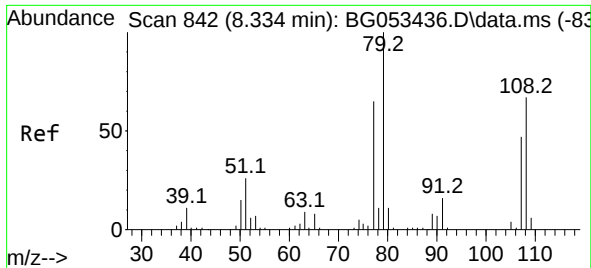
Ion Ratio Lower Upper

146 100

148 59.6 52.6 78.8

111 45.4 34.5 51.7

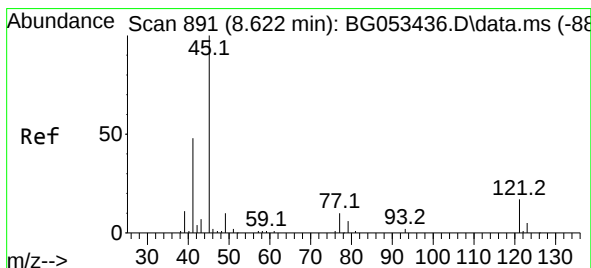
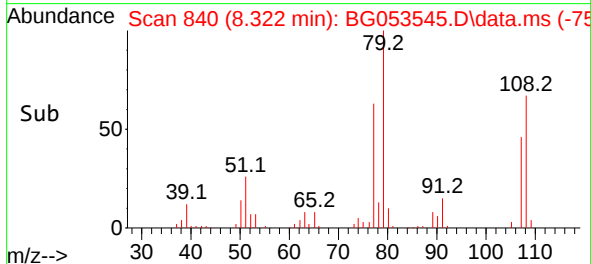
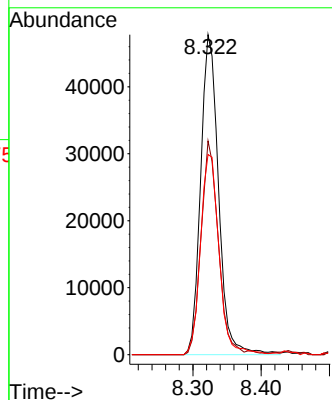
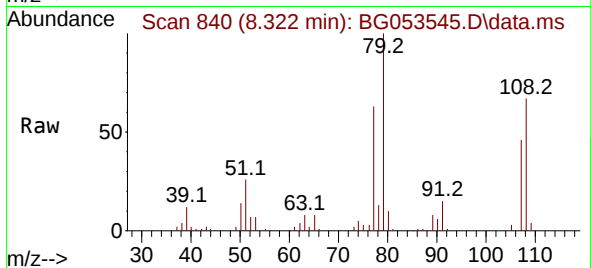




#15
Benzyl Alcohol
Concen: 45.491 ng
RT: 8.322 min Scan# 841
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

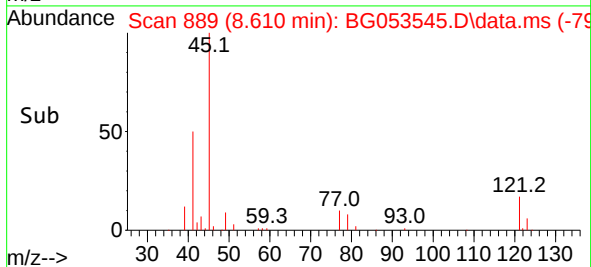
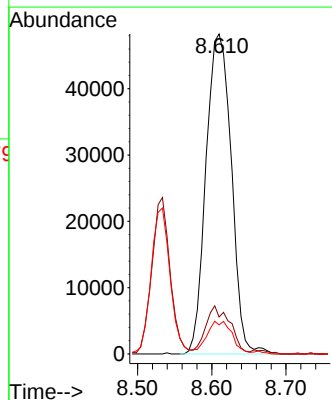
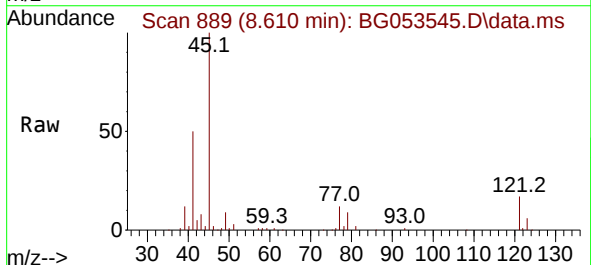
Instrument :
BNA_G
ClientSampleId :
PB144757BS

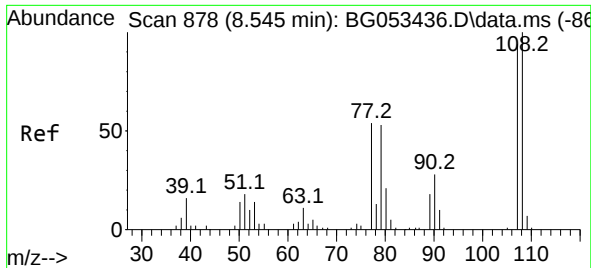
Tgt Ion:	79	Resp:	87219
Ion Ratio	Lower	Upper	
79	100		
108	66.8	53.7	80.5
77	62.5	52.2	78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.121 ng
RT: 8.610 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:	45	Resp:	114677
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.7
79	9.1	0.0	29.7

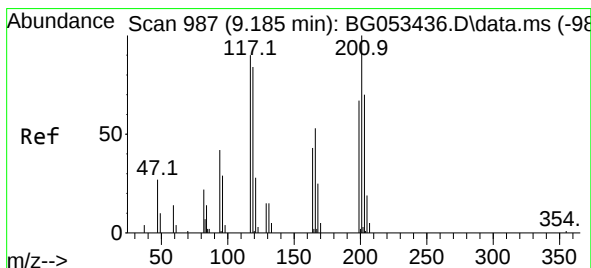
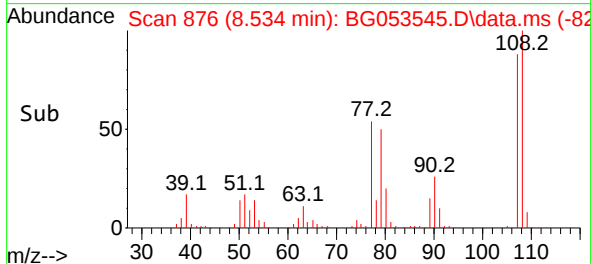
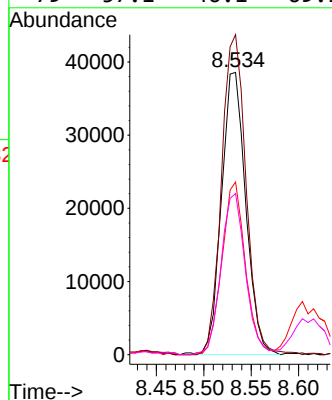
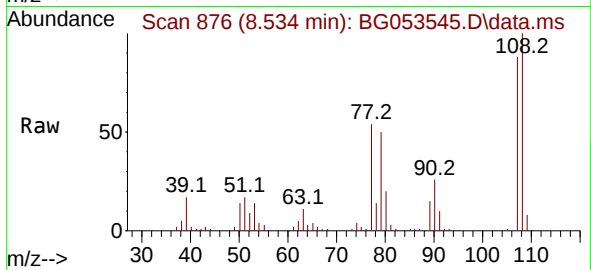




#17
2-Methylphenol
Concen: 45.342 ng
RT: 8.534 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

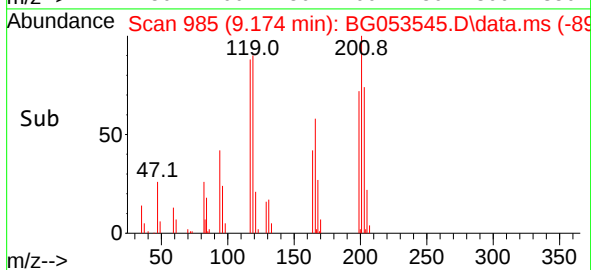
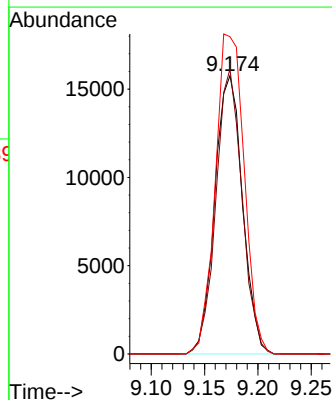
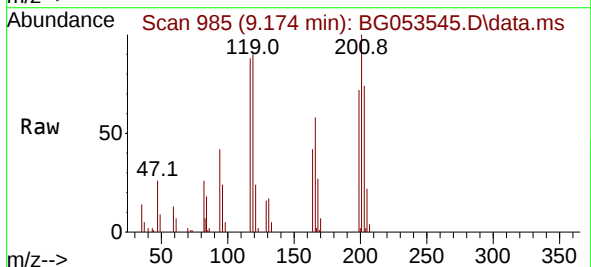
Instrument :
BNA_G
ClientSampleId :
PB144757BS

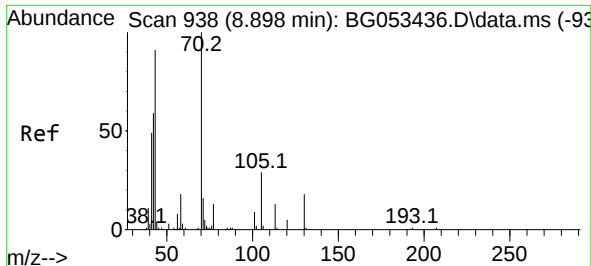
Tgt Ion:	107	Resp:	68736
Ion	Ratio	Lower	Upper
107	100		
108	113.4	85.4	128.0
77	61.2	46.2	69.2
79	57.1	46.1	69.1



#18
Hexachloroethane
Concen: 39.810 ng
RT: 9.174 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:	117	Resp:	28430
Ion	Ratio	Lower	Upper
117	100		
119	102.4	75.0	112.6
201	114.0	89.0	133.6

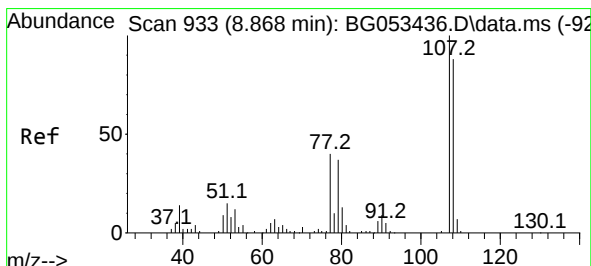
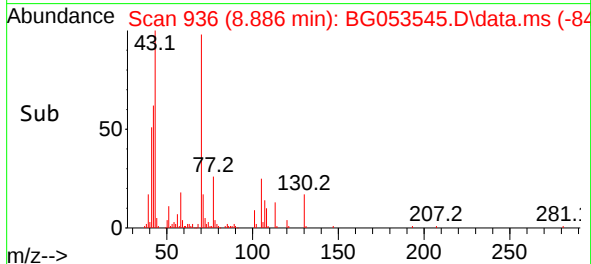
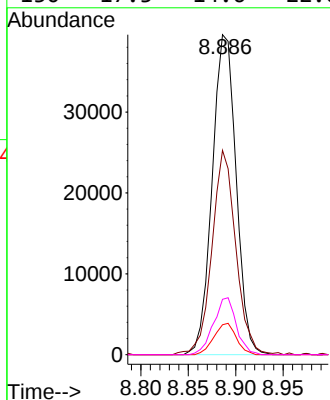
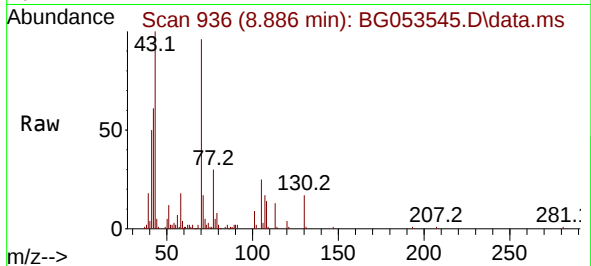




#19
n-Nitroso-di-n-propylamine
Concen: 42.205 ng
RT: 8.886 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

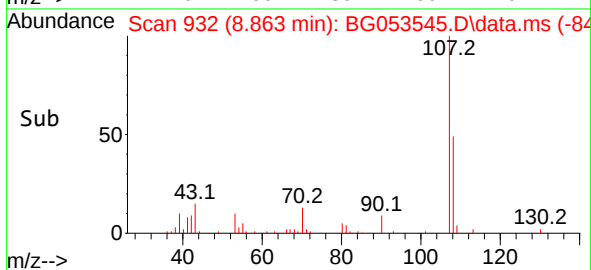
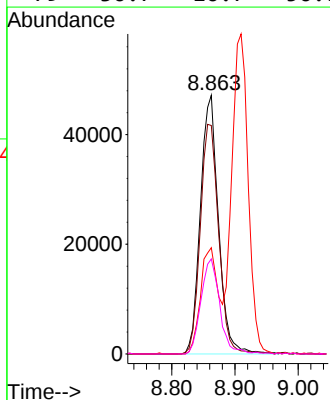
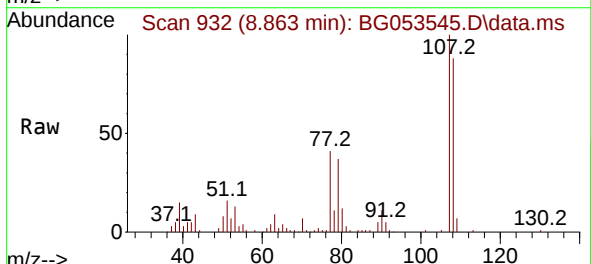
Instrument :
BNA_G
ClientSampleId :
PB144757BS

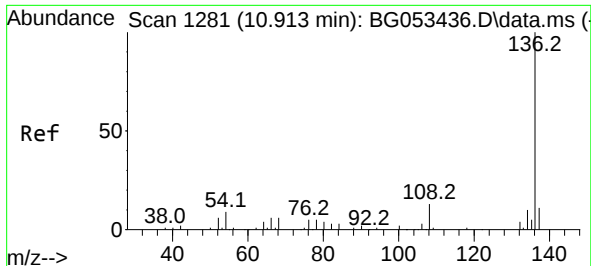
Tgt Ion:	70	Resp:	69444
Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.3	70.9
101	9.4	7.0	10.4
130	17.3	14.6	22.0



#20
3+4-Methylphenols
Concen: 43.704 ng
RT: 8.863 min Scan# 932
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:	107	Resp:	93571
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.5	107.5
77	41.1	20.3	60.3
79	36.7	16.7	56.7

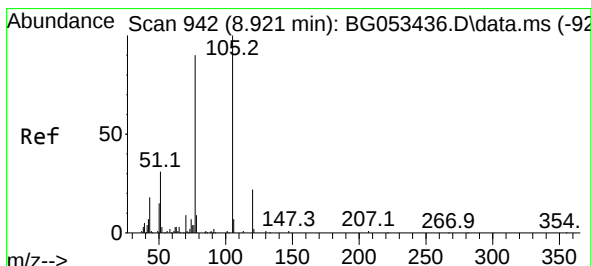
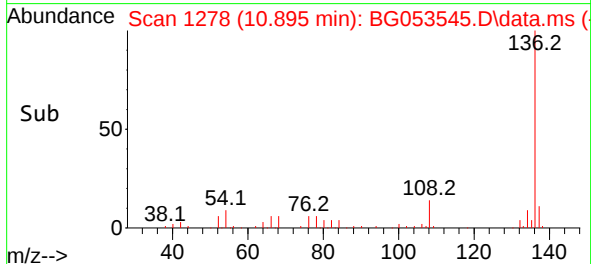
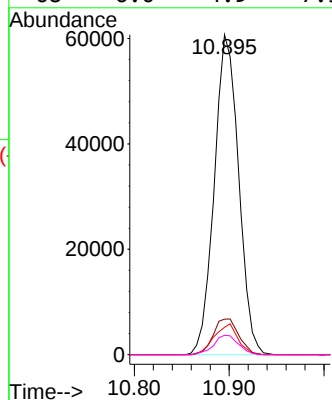
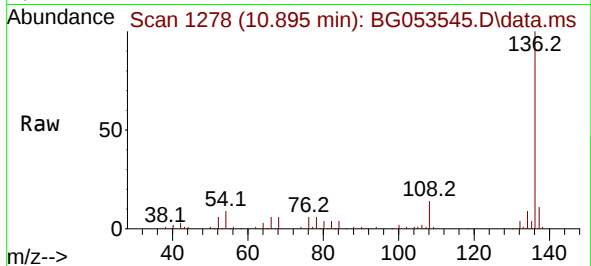




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

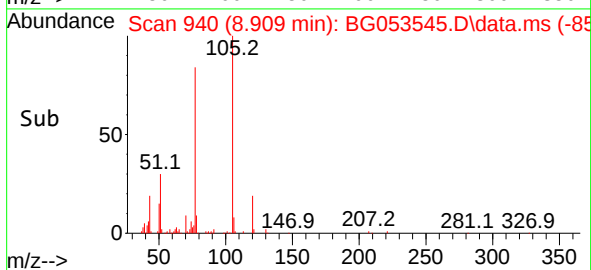
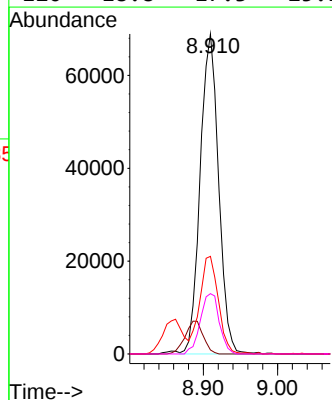
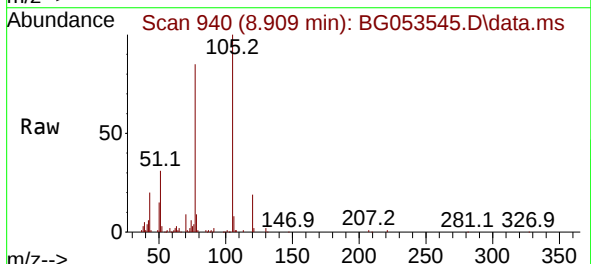
Instrument :
BNA_G
ClientSampleId :
PB144757BS

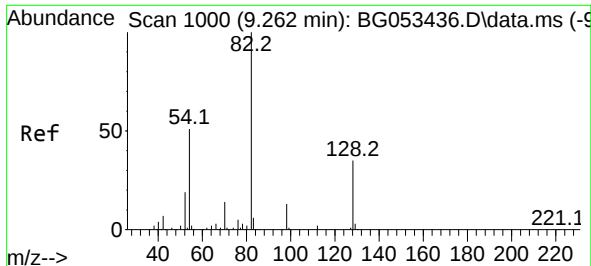
Tgt Ion:	136	Resp:	108277
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.5	7.4	11.2
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 40.133 ng
RT: 8.909 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:	105	Resp:	118929
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.1	1.7
51	30.5	25.4	38.0
120	18.8	17.3	25.9

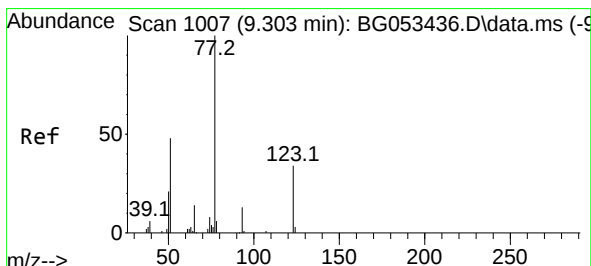
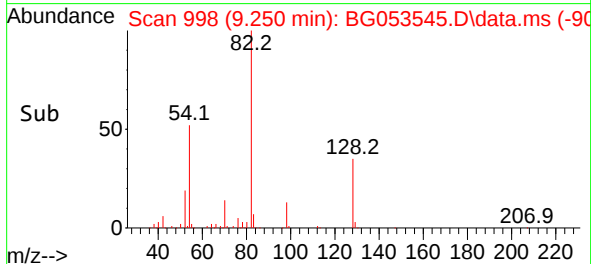
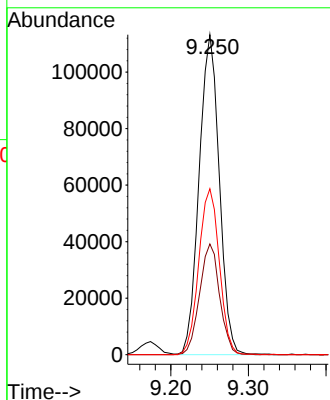
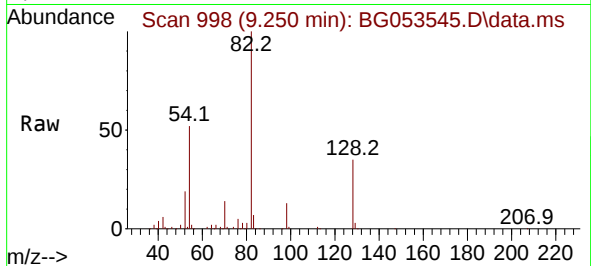




#23
Nitrobenzene-d5
Concen: 80.426 ng
RT: 9.250 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

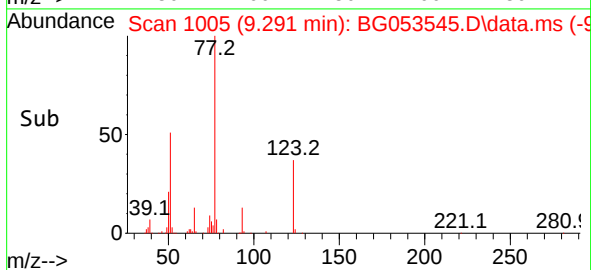
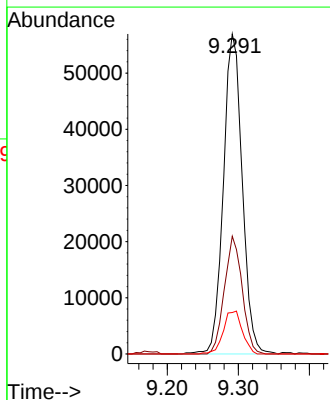
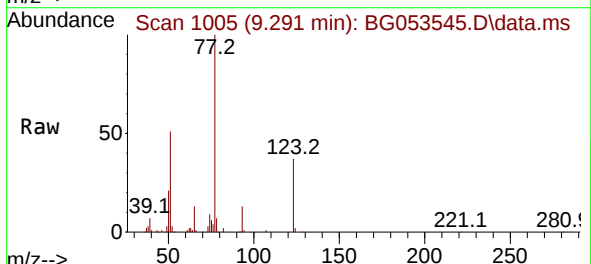
Instrument :
BNA_G
ClientSampleId :
PB144757BS

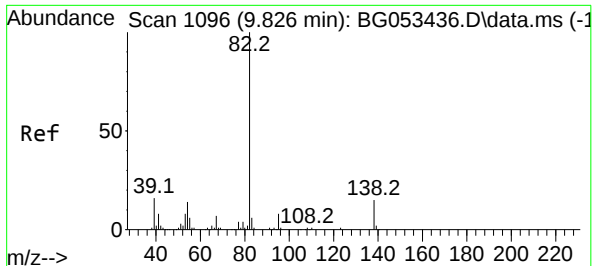
Tgt Ion: 82 Resp: 204572
Ion Ratio Lower Upper
82 100
128 34.6 27.9 41.9
54 51.9 41.2 61.8



#24
Nitrobenzene
Concen: 42.426 ng
RT: 9.291 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion: 77 Resp: 104448
Ion Ratio Lower Upper
77 100
123 36.8 27.4 41.0
65 13.0 11.4 17.0

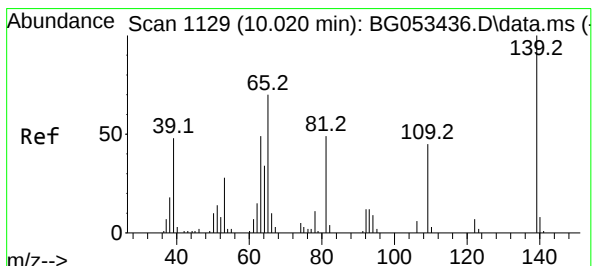
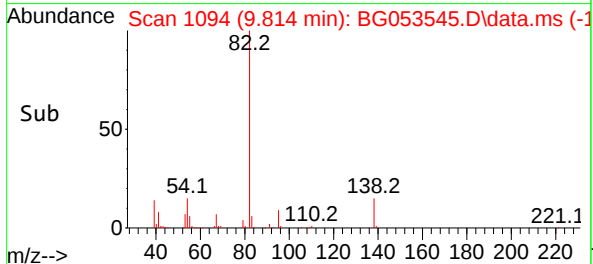
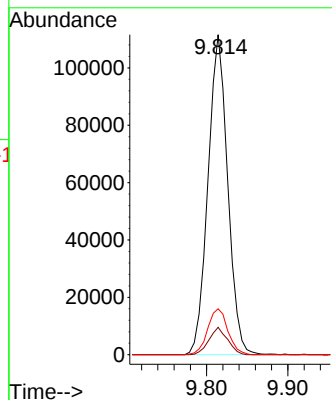
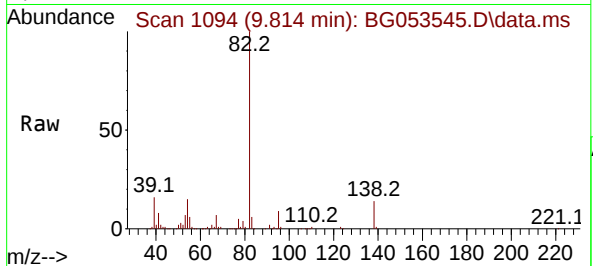




#25
Isophorone
Concen: 43.855 ng
RT: 9.814 min Scan# 1094
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

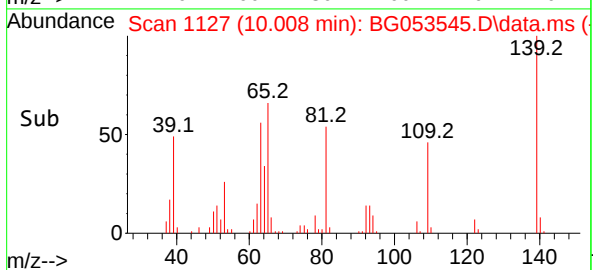
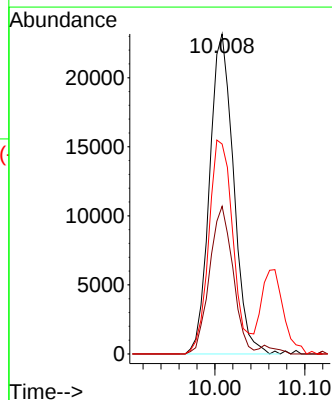
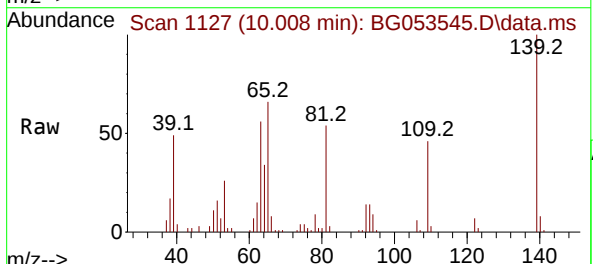
Instrument :
BNA_G
ClientSampleId :
PB144757BS

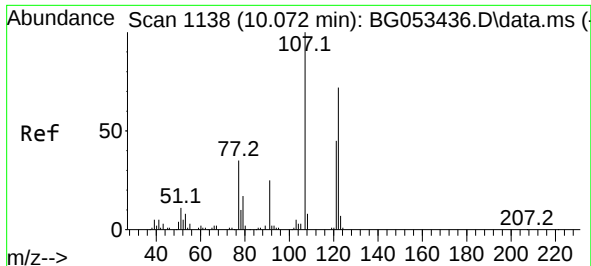
Tgt Ion: 82 Resp: 187731
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.4
138 14.4 11.6 17.4



#26
2-Nitrophenol
Concen: 43.060 ng
RT: 10.008 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion: 139 Resp: 42935
Ion Ratio Lower Upper
139 100
109 46.2 36.1 54.1
65 65.6 55.8 83.6

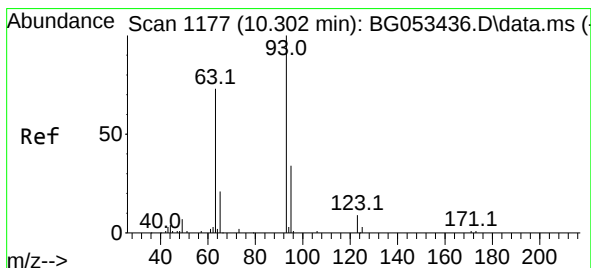
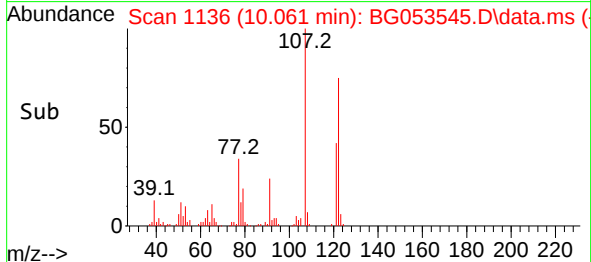
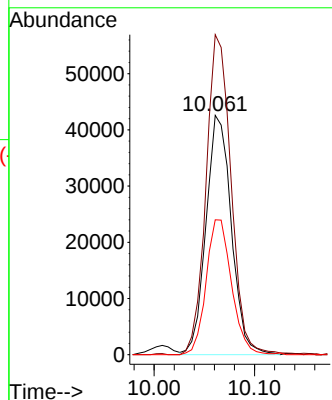
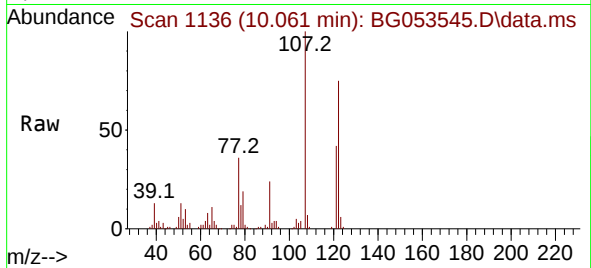




#27
2,4-Dimethylphenol
Concen: 49.847 ng
RT: 10.061 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

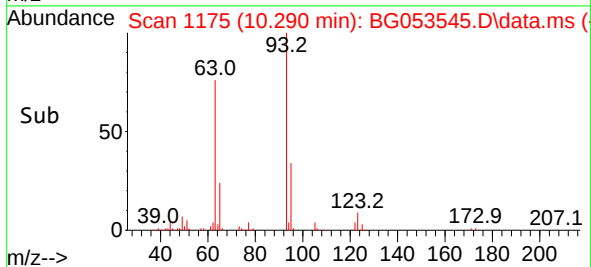
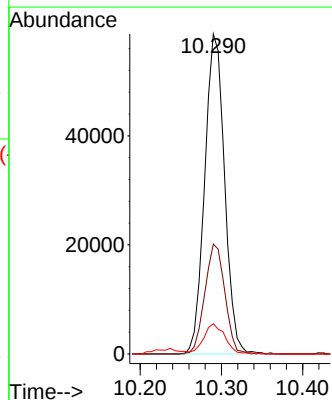
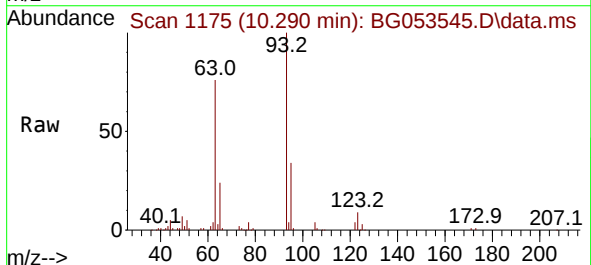
Instrument :
BNA_G
ClientSampleId :
PB144757BS

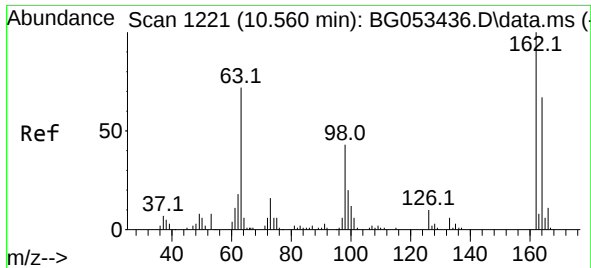
Tgt Ion:122 Resp: 74800
Ion Ratio Lower Upper
122 100
107 133.7 109.4 164.0
121 56.3 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.545 ng
RT: 10.290 min Scan# 1175
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion: 93 Resp: 99823
Ion Ratio Lower Upper
93 100
95 34.4 26.9 40.3
123 9.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 45.701 ng

RT: 10.548 min Scan# 1219

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

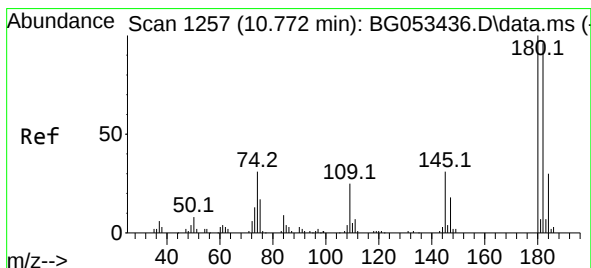
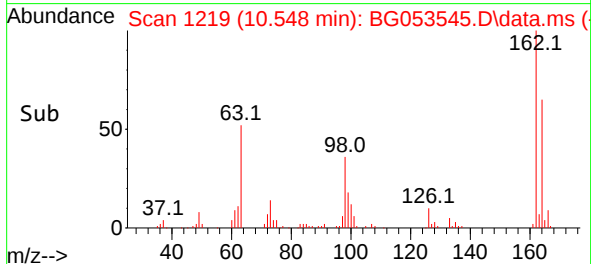
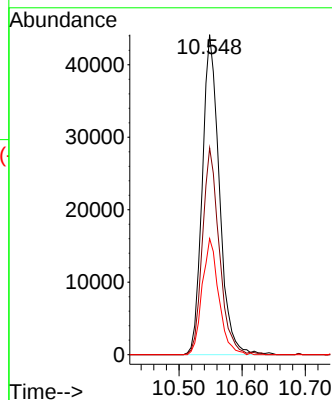
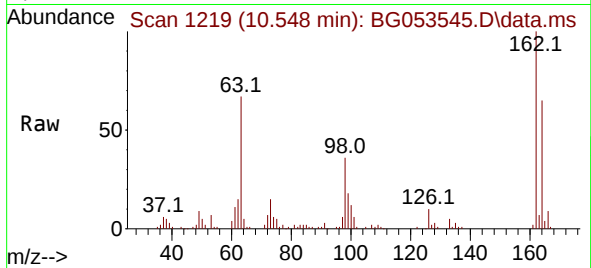
Tgt Ion:162 Resp: 82767

Ion Ratio Lower Upper

162 100

164 64.6 46.6 86.6

98 36.2 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.144 ng

RT: 10.760 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

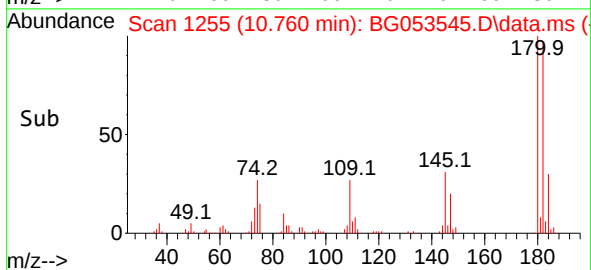
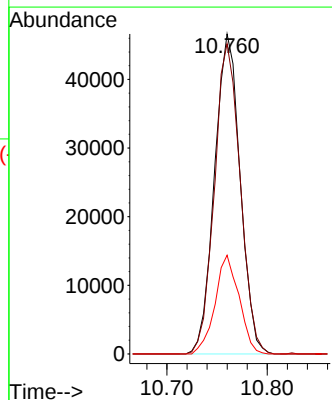
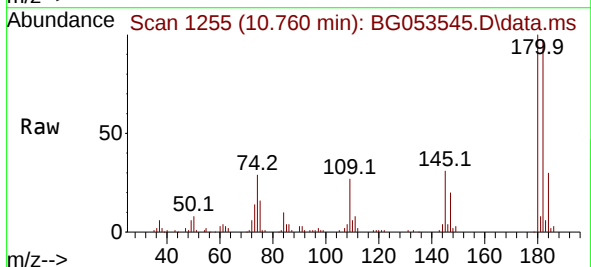
Tgt Ion:180 Resp: 82605

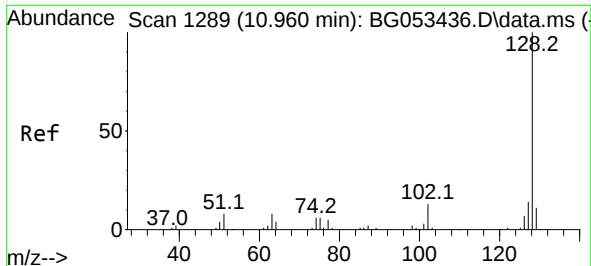
Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

145 30.8 25.0 37.4

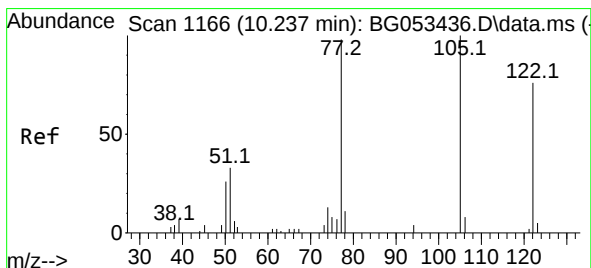
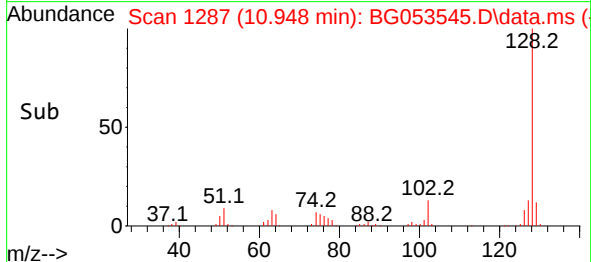
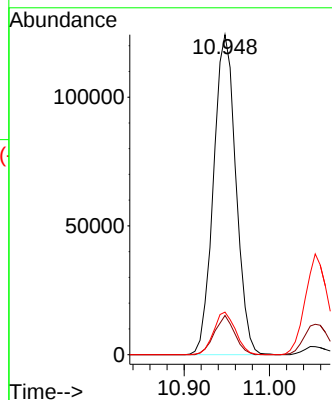
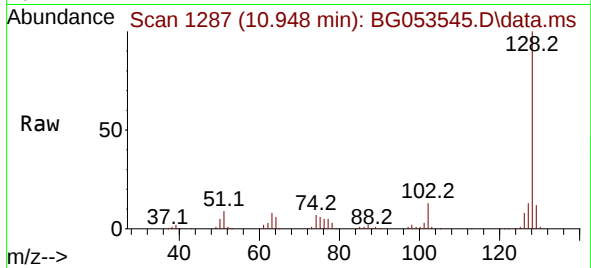




#31
Naphthalene
Concen: 41.106 ng
RT: 10.948 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

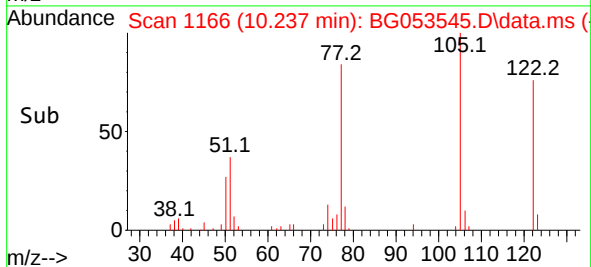
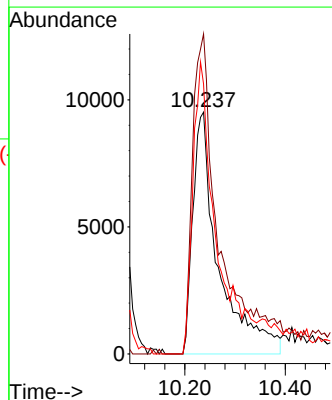
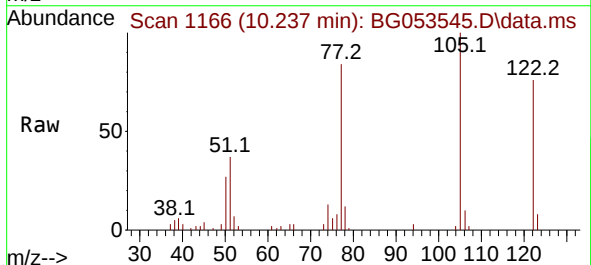
Instrument :
BNA_G
ClientSampleId :
PB144757BS

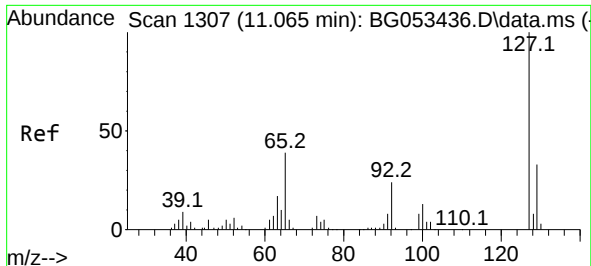
Tgt Ion:128 Resp: 226400
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.6
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 38.161 ng
RT: 10.237 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:122 Resp: 33813
Ion Ratio Lower Upper
122 100
105 132.3 111.8 151.8
77 111.6 109.4 149.4

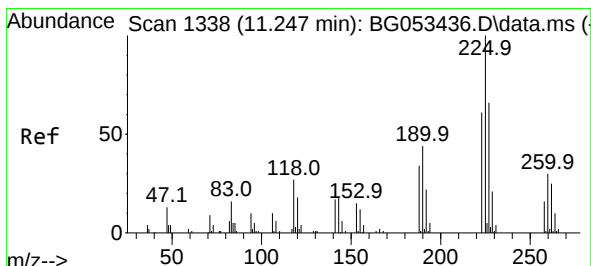
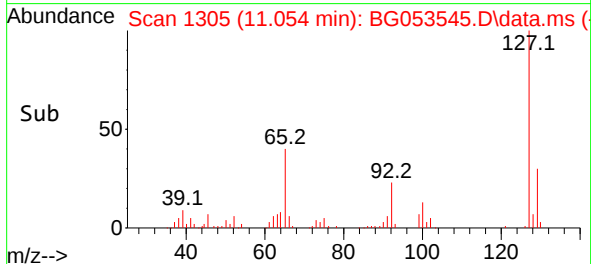
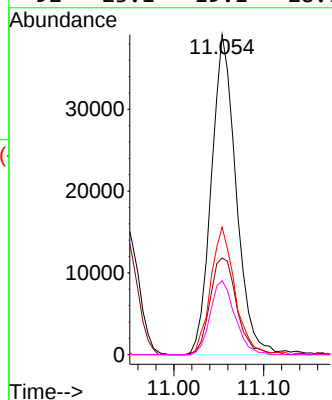
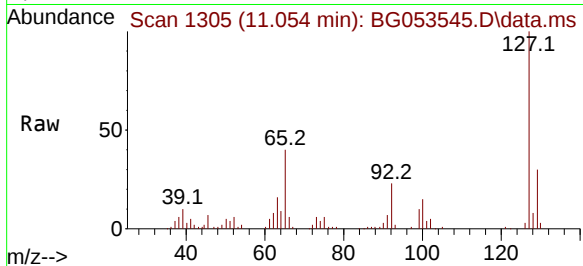




#33
4-Chloroaniline
Concen: 32.397 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

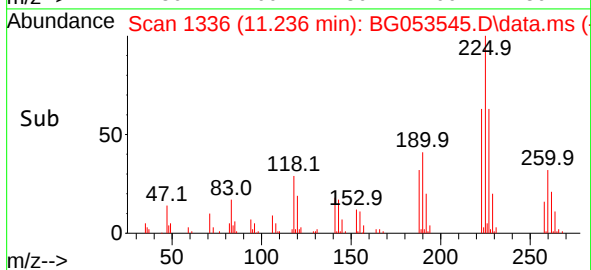
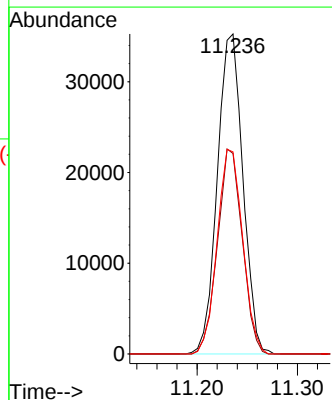
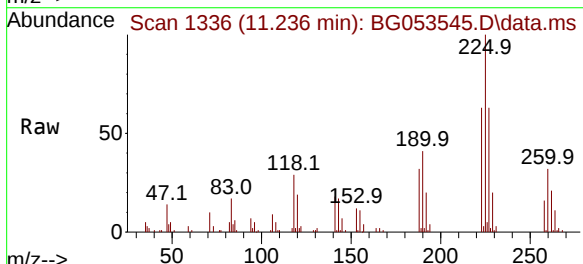
Instrument :
BNA_G
ClientSampleId :
PB144757BS

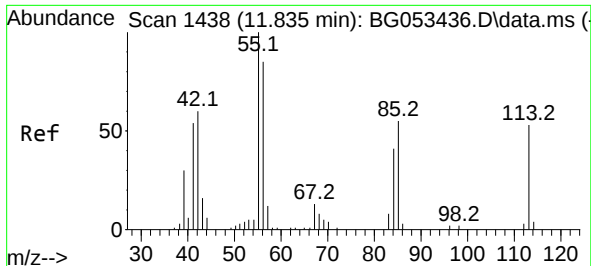
Tgt Ion:	127	Resp:	74727
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.3	39.5
65	39.9	31.1	46.7
92	23.1	19.1	28.7



#34
Hexachlorobutadiene
Concen: 40.822 ng
RT: 11.236 min Scan# 1336
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:	225	Resp:	62287
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.9	73.3
227	63.2	52.8	79.2

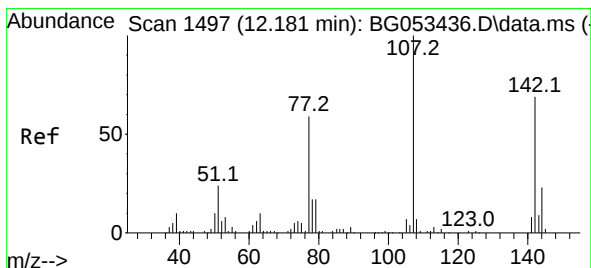
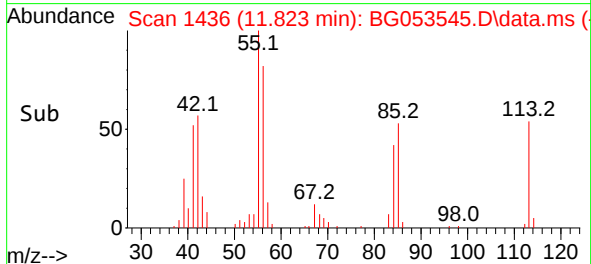
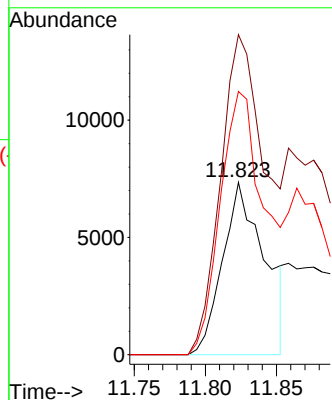
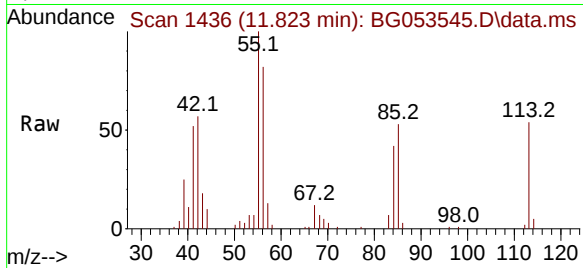




#35
 Caprolactam
 Concen: 22.851 ng
 RT: 11.823 min Scan# 1436
 Delta R.T. -0.008 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

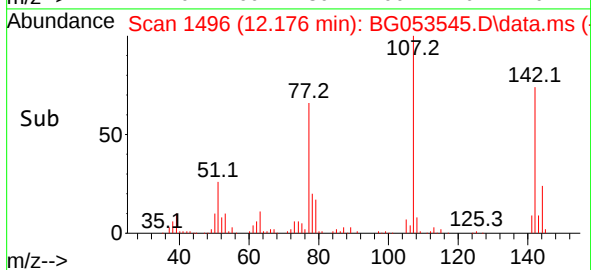
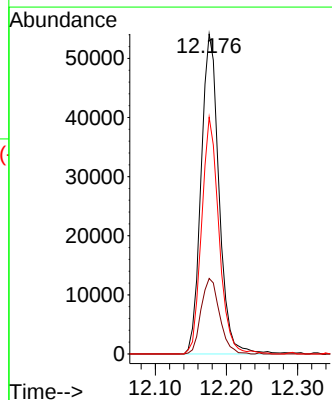
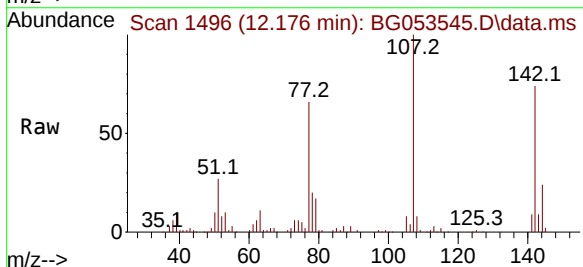
Instrument :
 BNA_G
 ClientSampleId :
 PB144757BS

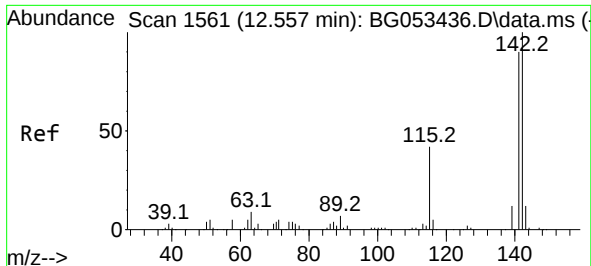
Tgt Ion:113 Resp: 15039
 Ion Ratio Lower Upper
 113 100
 55 185.7 169.8 209.8
 56 152.8 141.2 181.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.801 ng
 RT: 12.176 min Scan# 1496
 Delta R.T. -0.002 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

Tgt Ion:107 Resp: 94888
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.5 27.7
 142 74.0 55.0 82.4

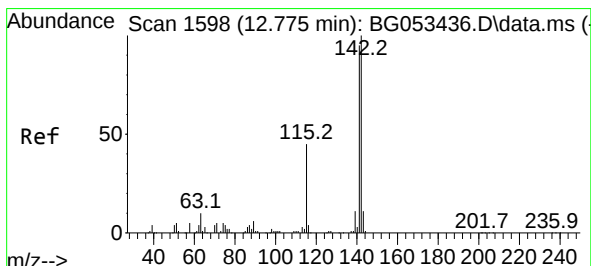
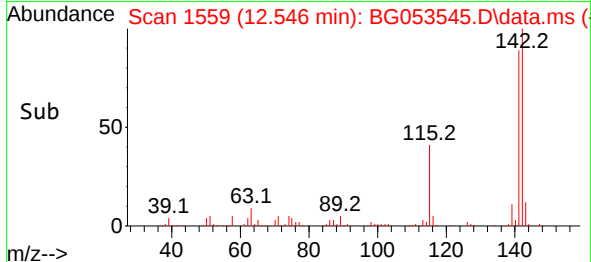
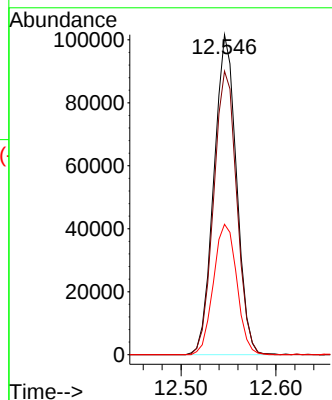
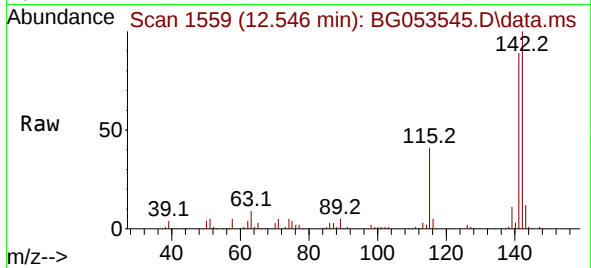




#37
2-Methylnaphthalene
Concen: 40.964 ng
RT: 12.546 min Scan# 1559
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

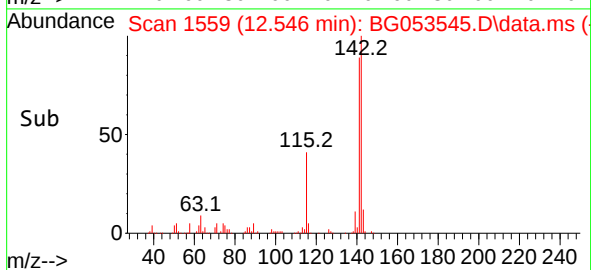
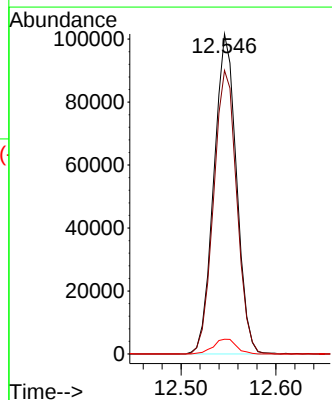
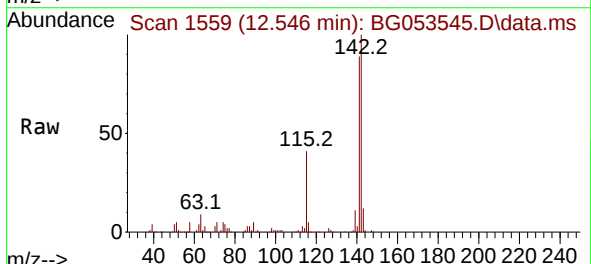
Instrument :
BNA_G
ClientSampleId :
PB144757BS

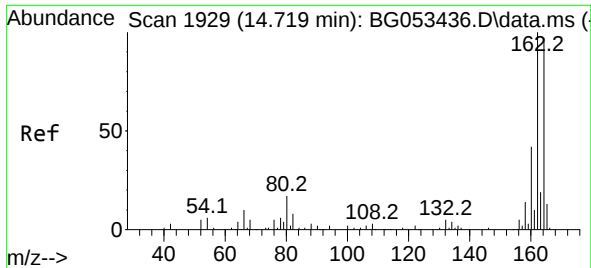
Tgt Ion:142 Resp: 168374
Ion Ratio Lower Upper
142 100
141 88.6 72.3 108.5
115 40.7 33.7 50.5



#38
1-Methylnaphthalene
Concen: 41.985 ng
RT: 12.546 min Scan# 1559
Delta R.T. -0.220 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:142 Resp: 168374
Ion Ratio Lower Upper
142 100
141 88.6 76.4 114.6
116 4.6 3.3 4.9

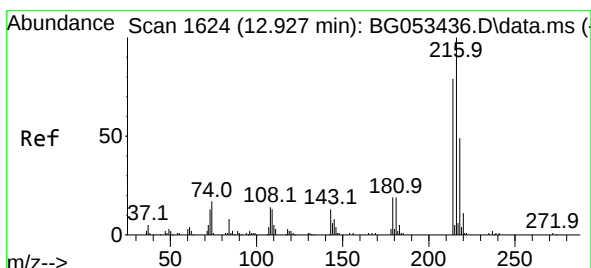
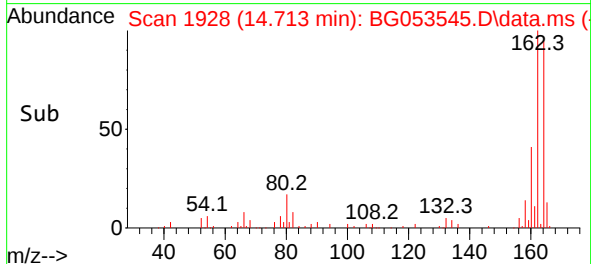
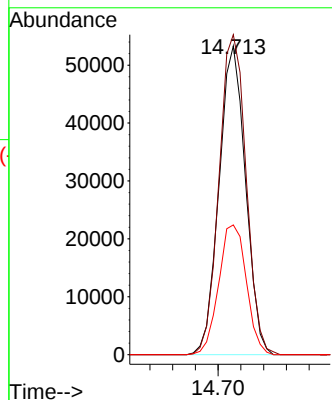
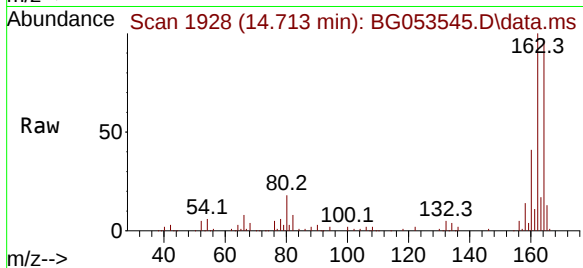




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

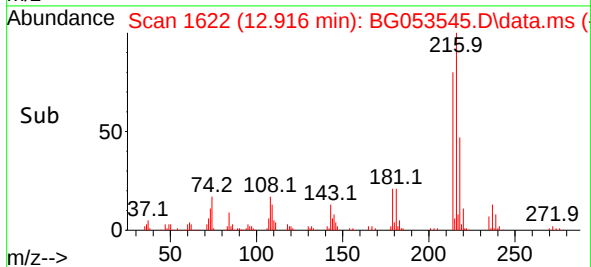
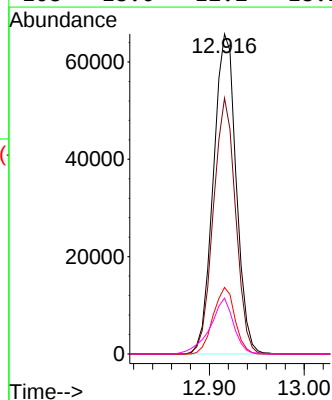
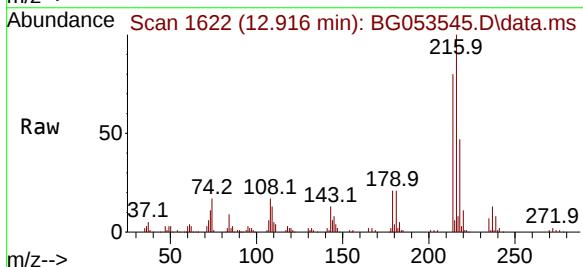
Instrument :
BNA_G
ClientSampleId :
PB144757BS

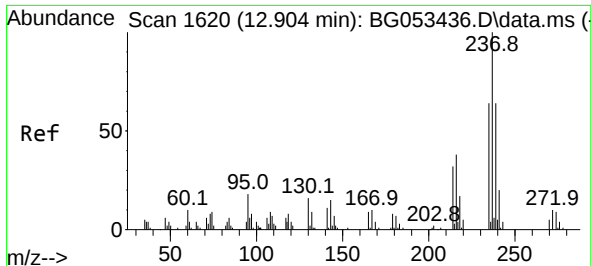
Tgt Ion:164 Resp: 86153
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 42.0 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.462 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:216 Resp: 109882
Ion Ratio Lower Upper
216 100
214 77.9 62.9 94.3
179 19.8 16.1 24.1
108 18.0 12.2 18.2

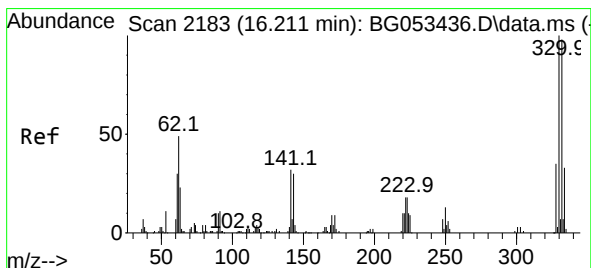
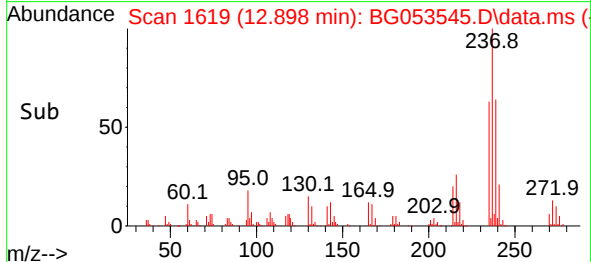
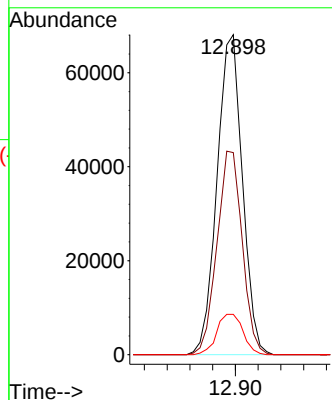
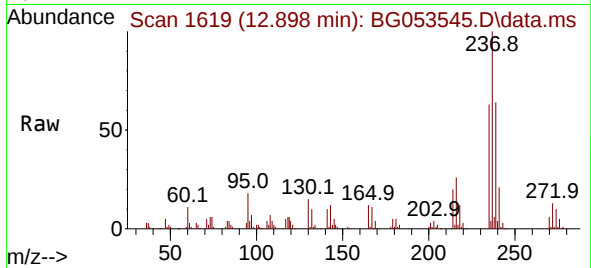




#41
Hexachlorocyclopentadiene
Concen: 93.711 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

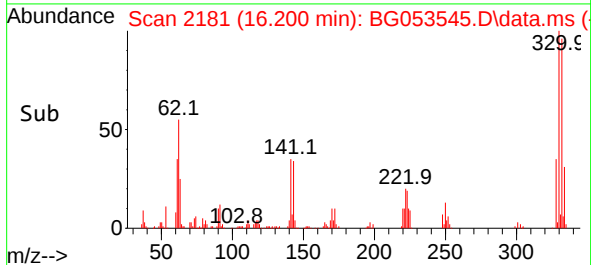
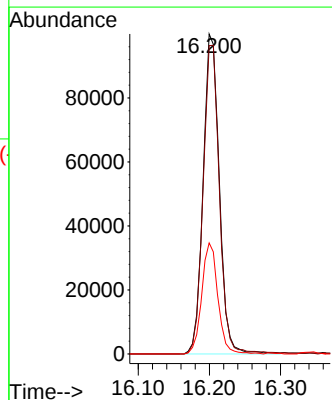
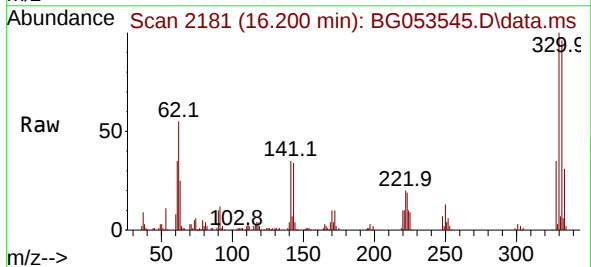
Instrument :
BNA_G
ClientSampleId :
PB144757BS

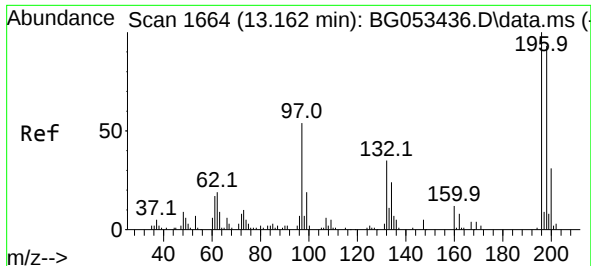
Tgt Ion:237 Resp: 105542
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 12.6 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 124.811 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:330 Resp: 158592
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 34.5 27.1 40.7

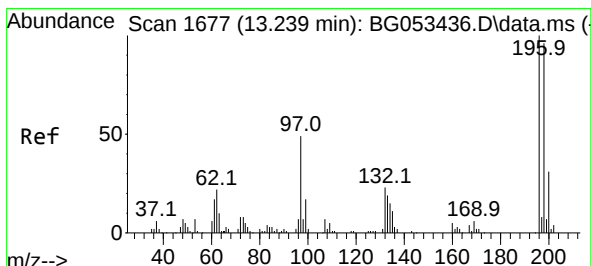
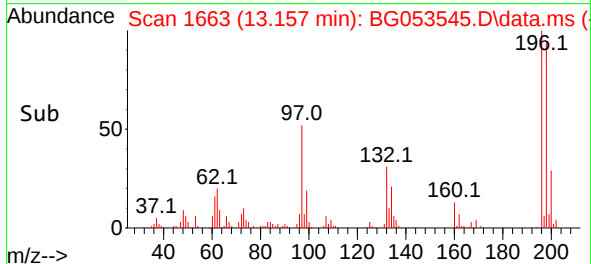
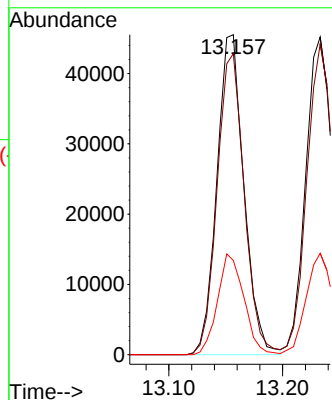
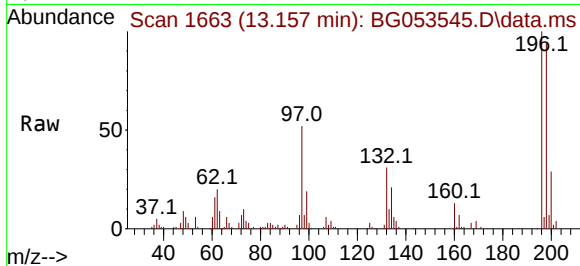




#43
2,4,6-Trichlorophenol
Concen: 42.388 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

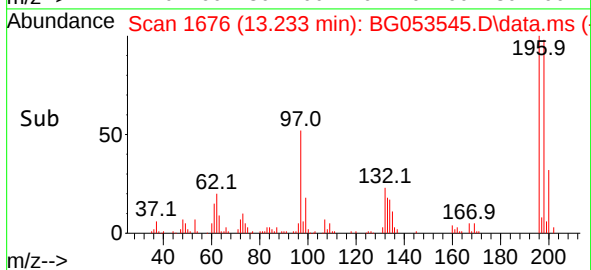
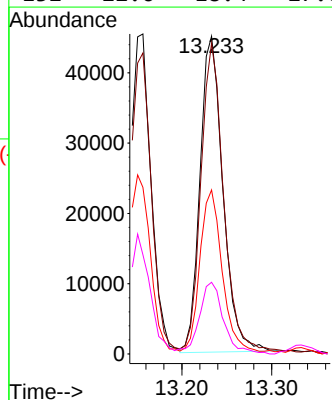
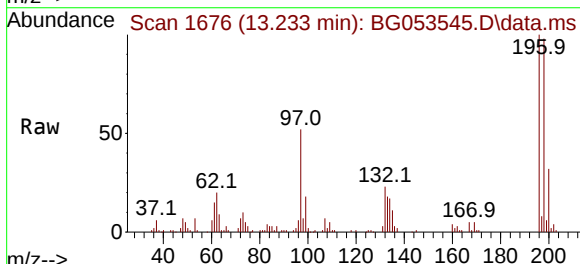
Instrument :
BNA_G
ClientSampleId :
PB144757BS

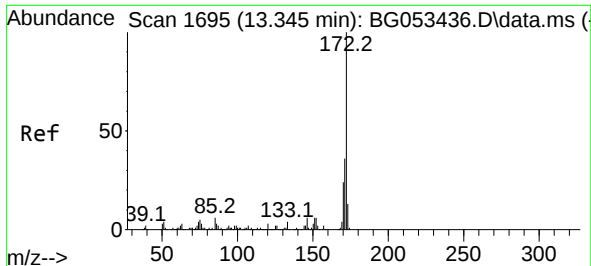
Tgt Ion:196 Resp: 75139
Ion Ratio Lower Upper
196 100
198 94.0 74.1 111.1
200 29.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.249 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:196 Resp: 79707
Ion Ratio Lower Upper
196 100
198 97.9 76.8 115.2
97 51.6 39.8 59.6
132 22.6 18.4 27.6

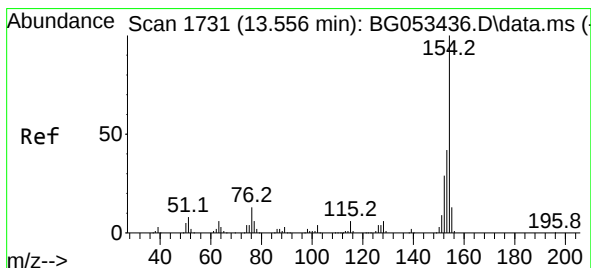
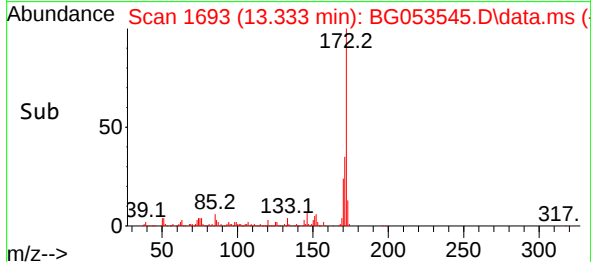
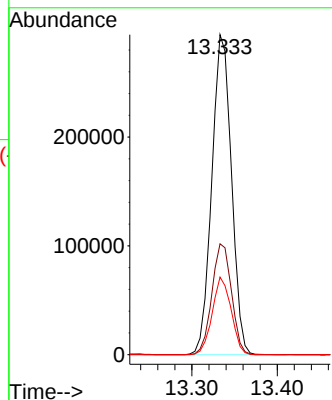
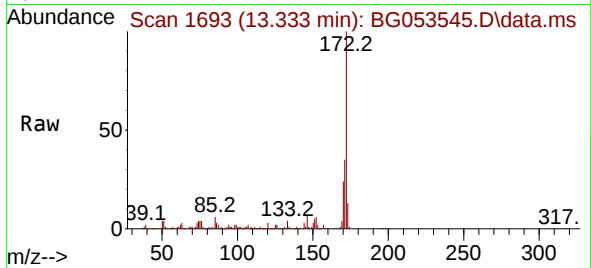




#45
2-Fluorobiphenyl
Concen: 79.677 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

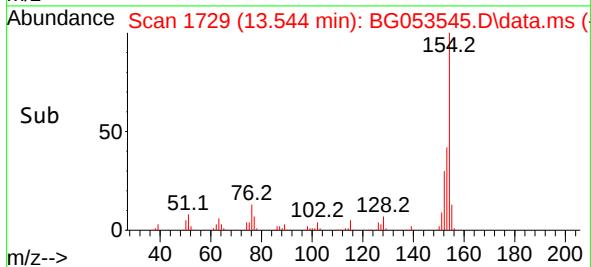
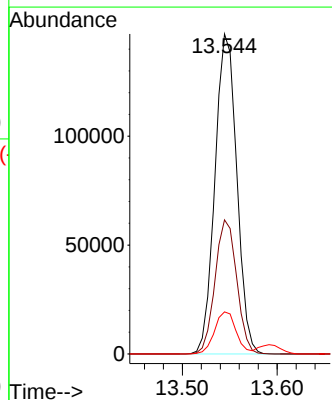
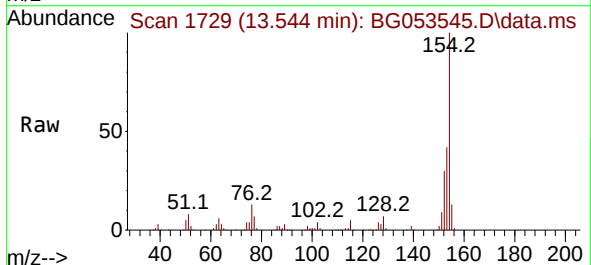
Instrument :
BNA_G
ClientSampleId :
PB144757BS

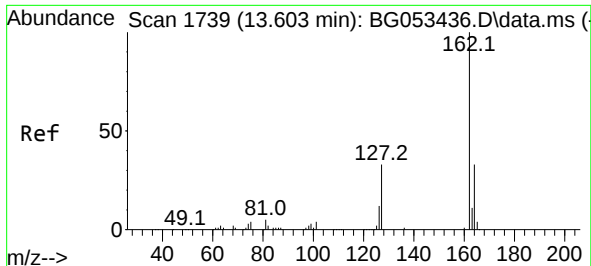
Tgt Ion:172 Resp: 469752
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 24.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.040 ng
RT: 13.544 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:154 Resp: 235135
Ion Ratio Lower Upper
154 100
153 41.9 21.6 61.6
76 13.2 0.0 32.6

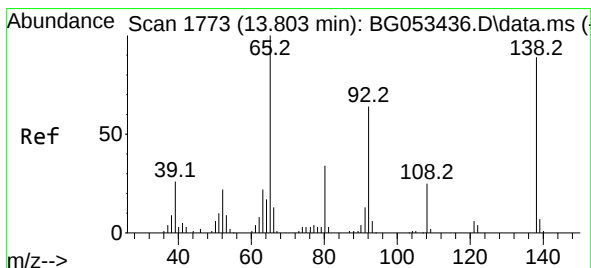
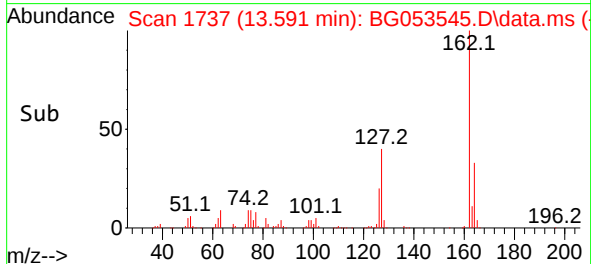
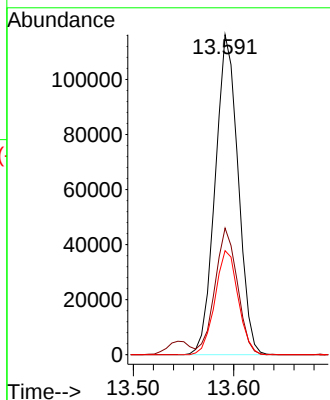
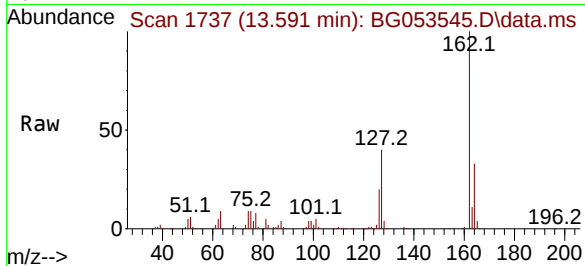




#47
2-Chloronaphthalene
Concen: 40.031 ng
RT: 13.591 min Scan# 1737
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

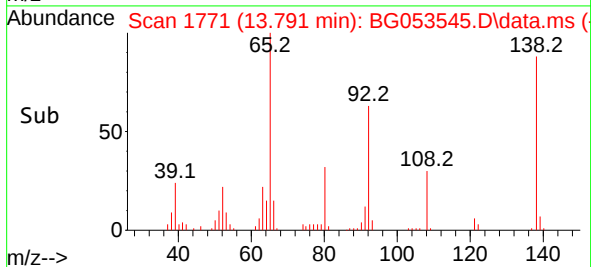
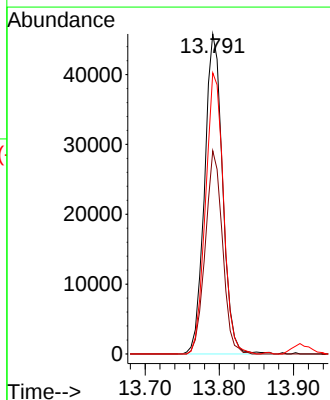
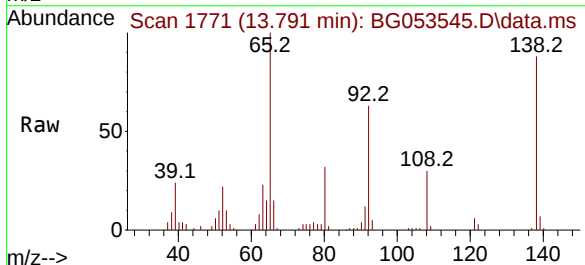
Instrument :
BNA_G
ClientSampleId :
PB144757BS

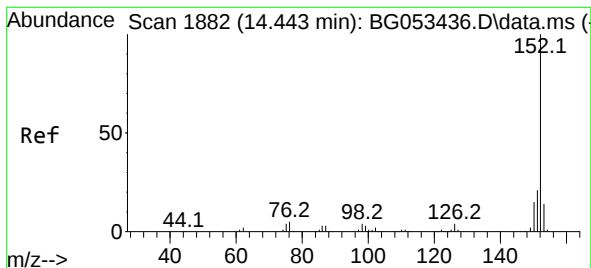
Tgt Ion:162 Resp: 184183
Ion Ratio Lower Upper
162 100
127 39.6 30.6 45.8
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 44.965 ng
RT: 13.791 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion: 65 Resp: 77088
Ion Ratio Lower Upper
65 100
92 63.5 51.5 77.3
138 87.8 71.3 106.9





#49

Acenaphthylene

Concen: 43.247 ng

RT: 14.437 min Scan# 1881

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

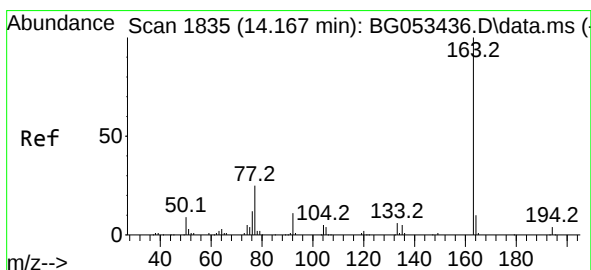
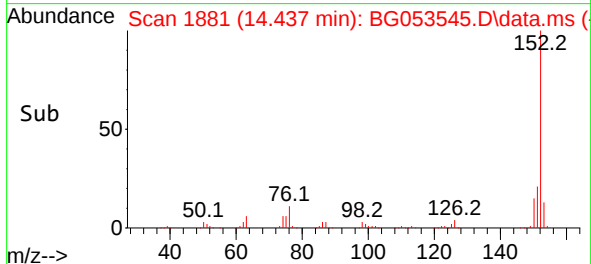
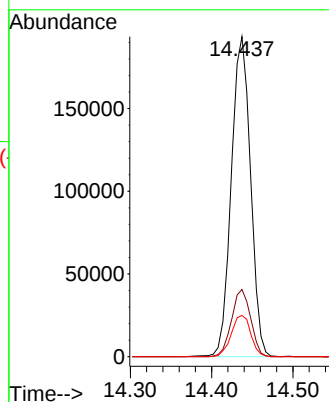
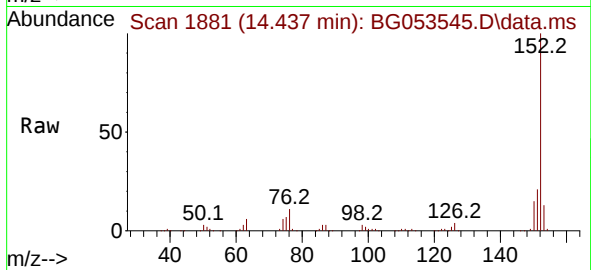
Tgt Ion:152 Resp: 317515

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 12.9 10.8 16.2



#50

Dimethylphthalate

Concen: 41.116 ng

RT: 14.161 min Scan# 1834

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

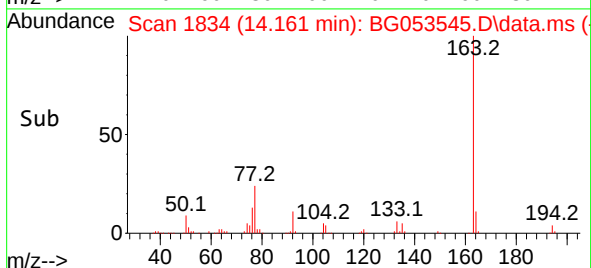
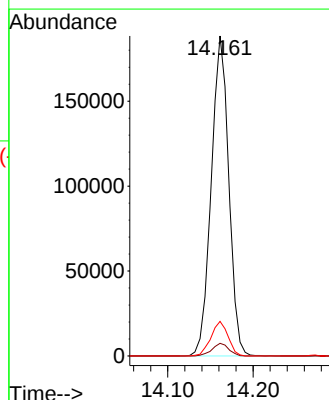
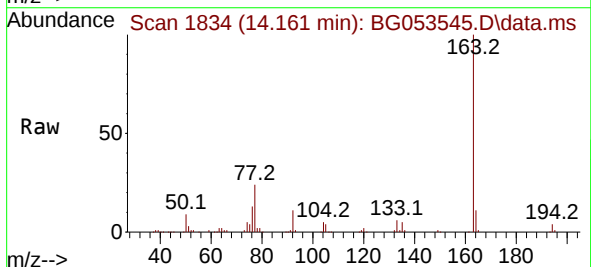
Tgt Ion:163 Resp: 269182

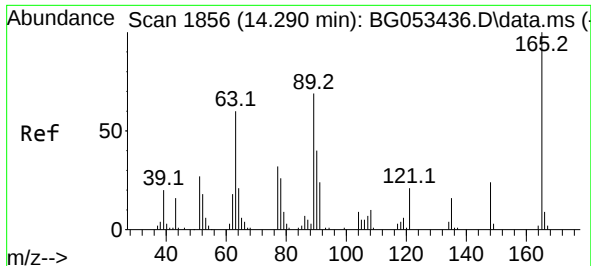
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.8 8.0 12.0

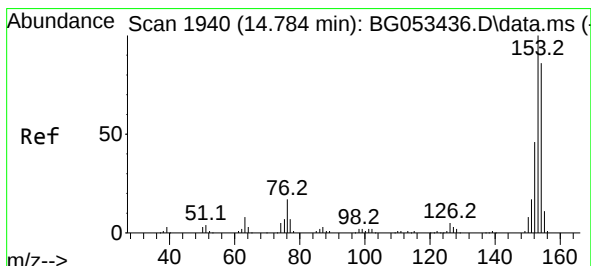
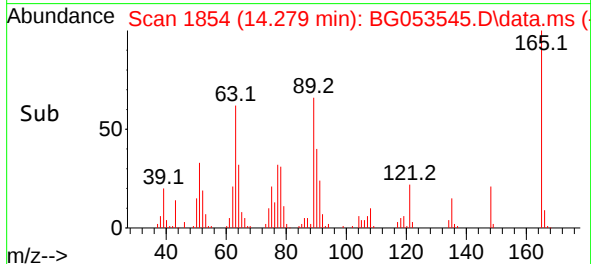
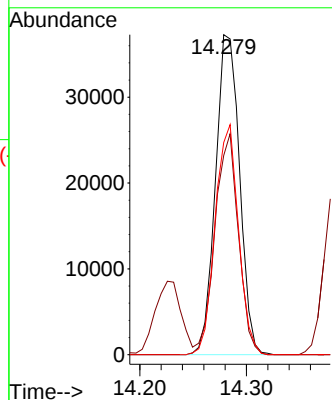
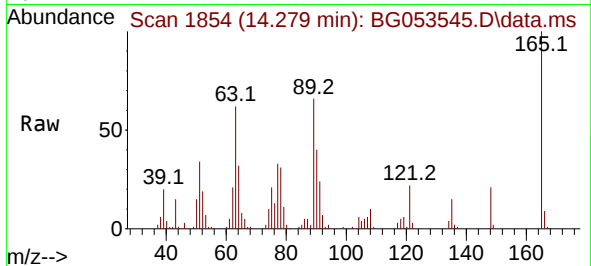




#51
2,6-Dinitrotoluene
Concen: 43.771 ng
RT: 14.279 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

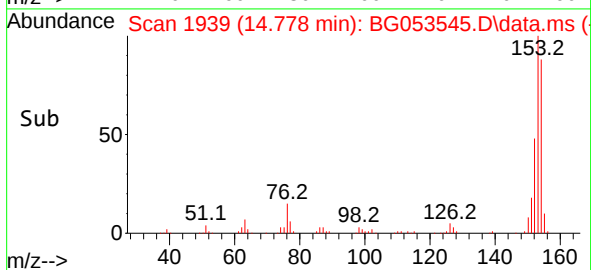
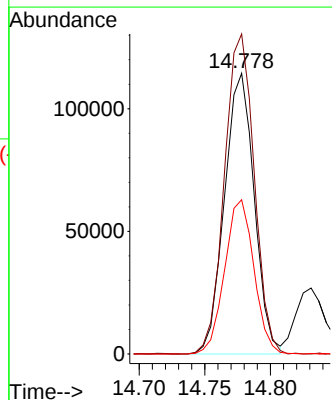
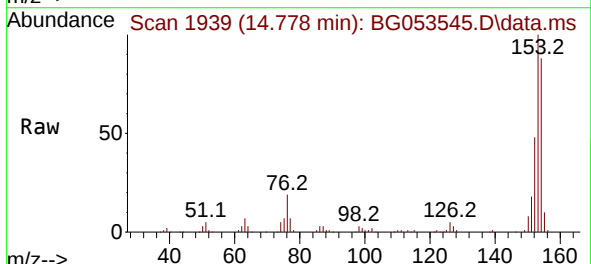
Instrument :
BNA_G
ClientSampleId :
PB144757BS

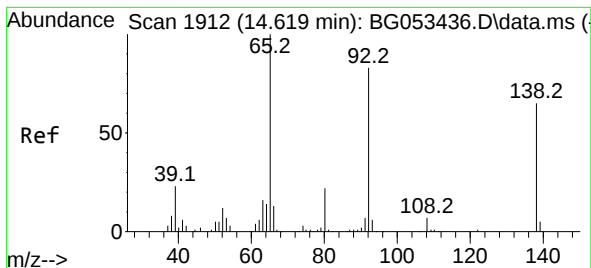
Tgt Ion:165 Resp: 58382
Ion Ratio Lower Upper
165 100
63 62.2 54.1 81.1
89 66.3 54.8 82.2



#52
Acenaphthene
Concen: 41.266 ng
RT: 14.778 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:154 Resp: 180557
Ion Ratio Lower Upper
154 100
153 114.0 92.7 139.1
152 55.0 42.6 64.0





#53

3-Nitroaniline

Concen: 33.742 ng

RT: 14.614 min Scan# 1911

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

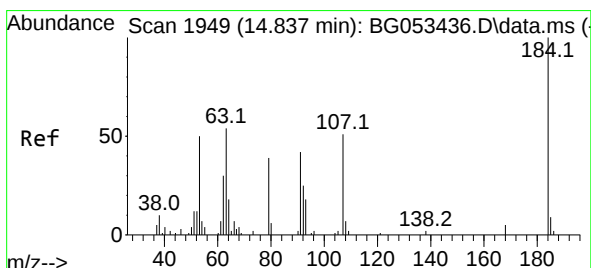
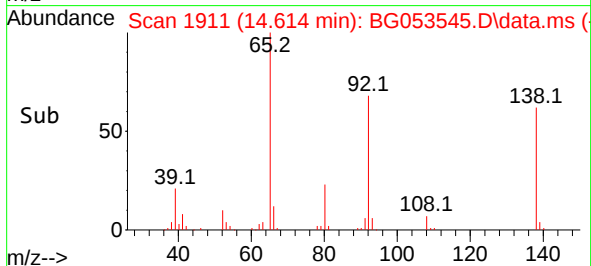
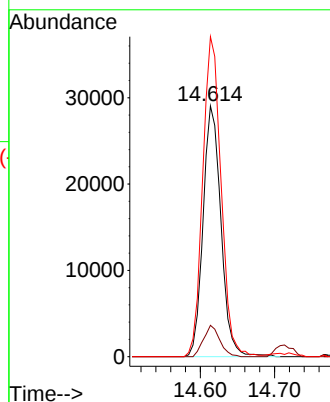
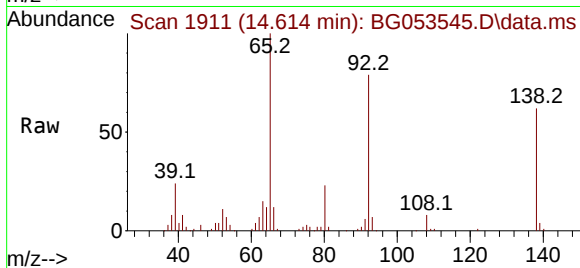
Tgt Ion:138 Resp: 48627

Ion Ratio Lower Upper

138 100

108 12.5 9.2 13.8

92 127.6 101.9 152.9



#54

2,4-Dinitrophenol

Concen: 78.672 ng

RT: 14.831 min Scan# 1948

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

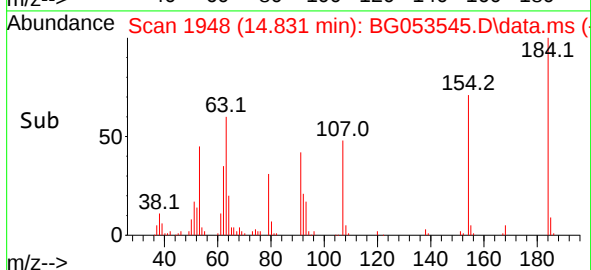
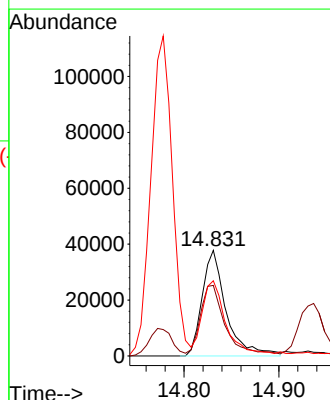
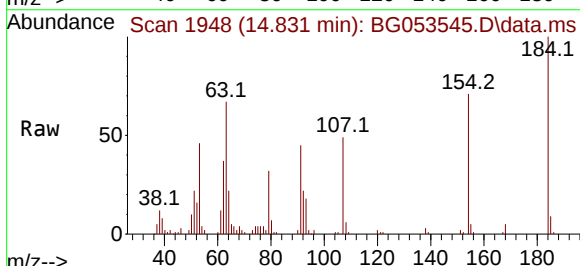
Tgt Ion:184 Resp: 66513

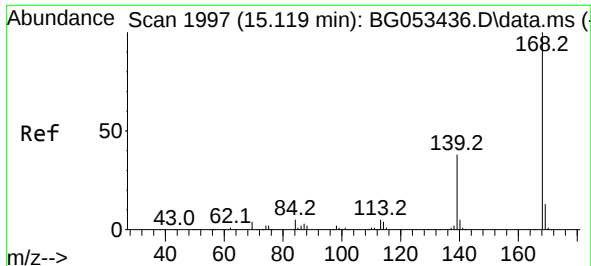
Ion Ratio Lower Upper

184 100

63 66.9 61.1 91.7

154 71.3 60.6 91.0

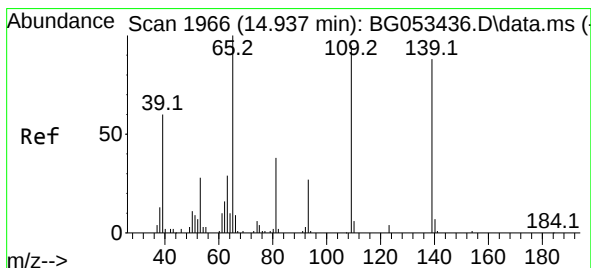
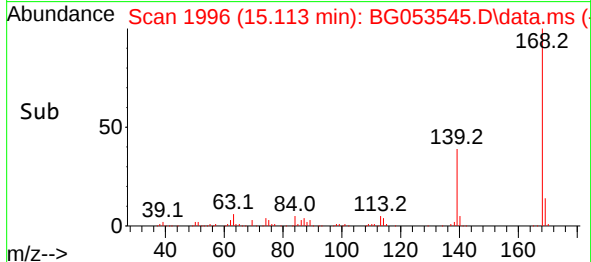
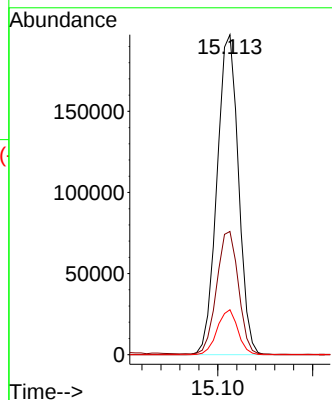
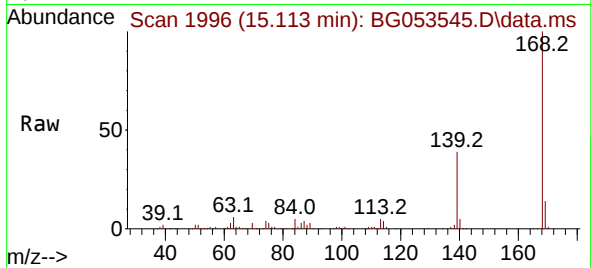




#55
Dibenzofuran
Concen: 39.463 ng
RT: 15.113 min Scan# 1996
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

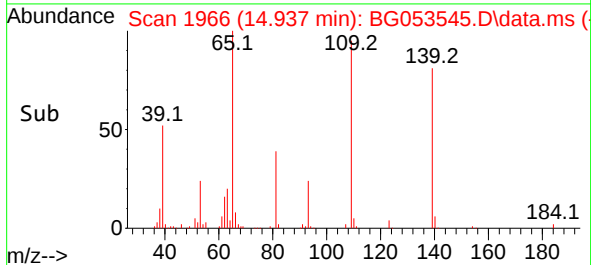
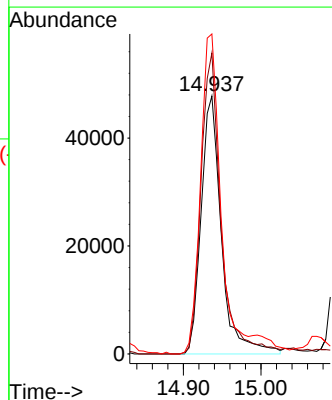
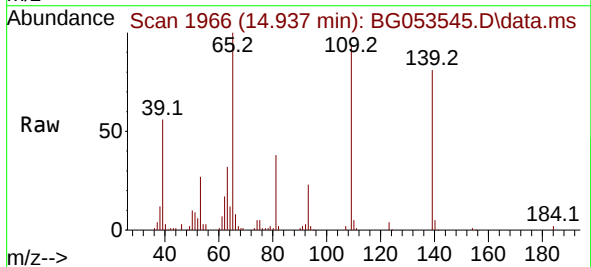
Instrument :
BNA_G
ClientSampleId :
PB144757BS

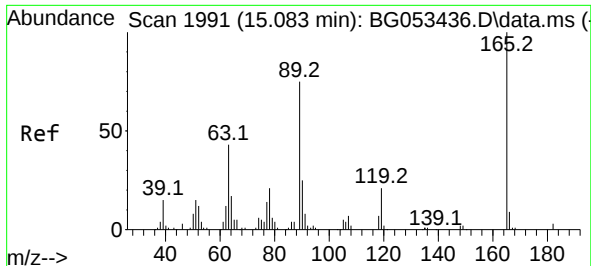
Tgt Ion:168 Resp: 310146
Ion Ratio Lower Upper
168 100
139 38.5 30.5 45.7
169 14.1 10.3 15.5



#56
4-Nitrophenol
Concen: 84.431 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:139 Resp: 86908
Ion Ratio Lower Upper
139 100
109 116.7 88.5 128.5
65 124.0 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 43.550 ng

RT: 15.072 min Scan# 1991

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

Tgt Ion:165 Resp: 84198

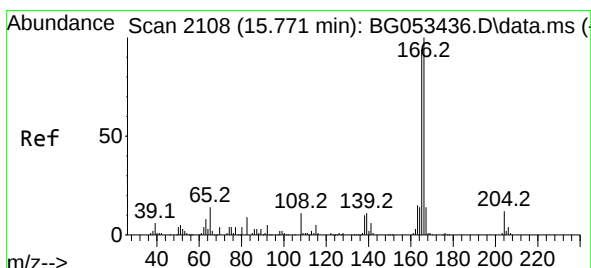
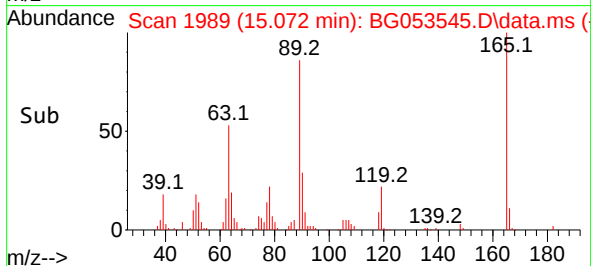
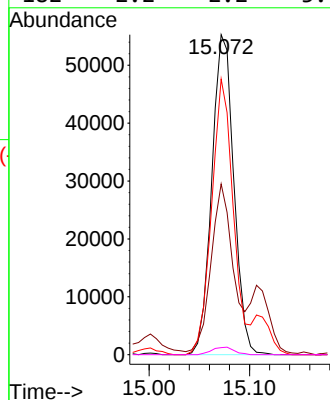
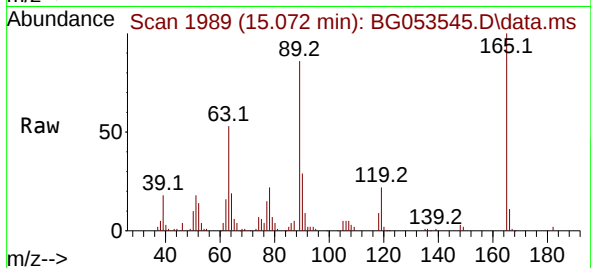
Ion Ratio Lower Upper

165 100

63 53.3 34.6 52.0#

89 86.2 60.3 90.5

182 2.2 2.2 3.4#



#58

Fluorene

Concen: 41.295 ng

RT: 15.759 min Scan# 2106

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

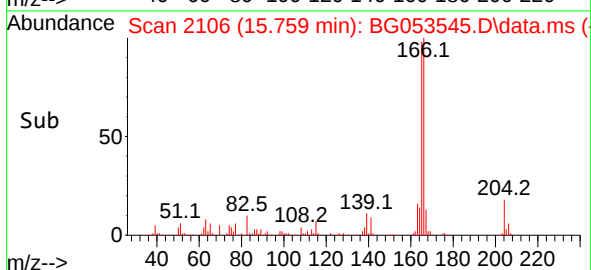
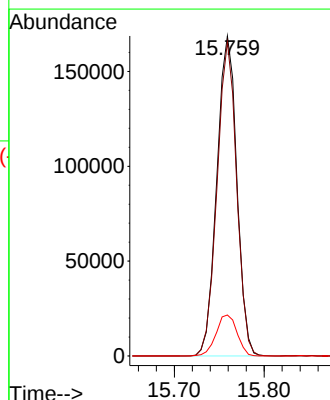
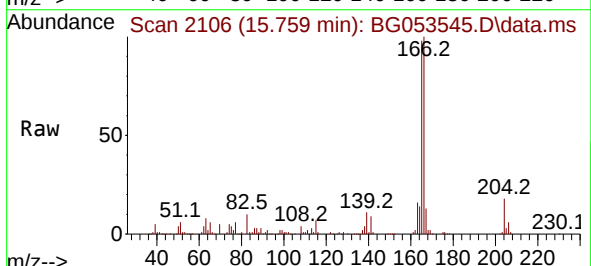
Tgt Ion:166 Resp: 260442

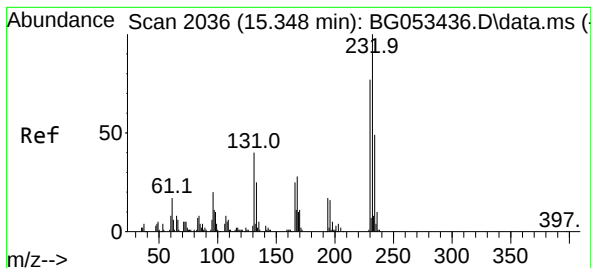
Ion Ratio Lower Upper

166 100

165 98.1 75.0 112.6

167 12.8 10.8 16.2

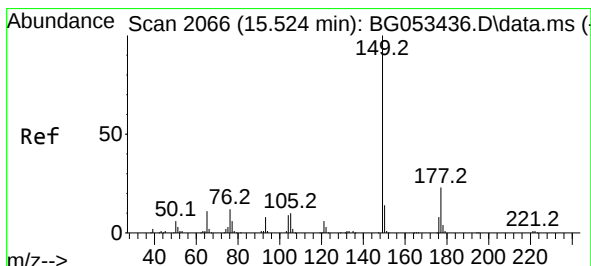
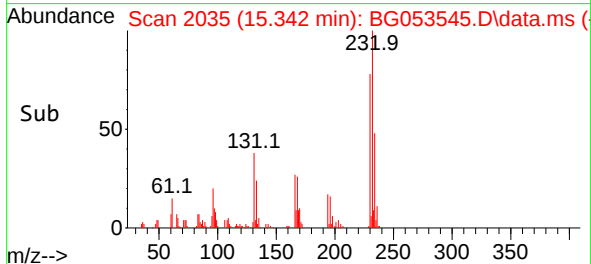
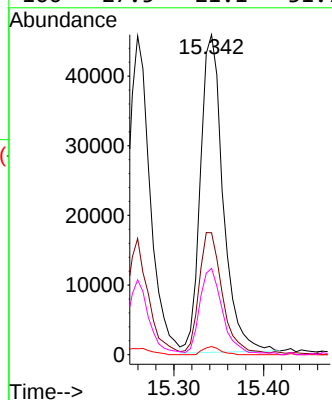
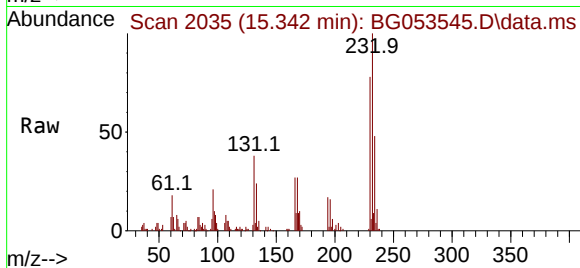




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.851 ng
RT: 15.342 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

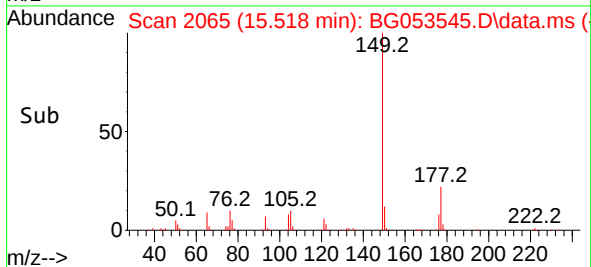
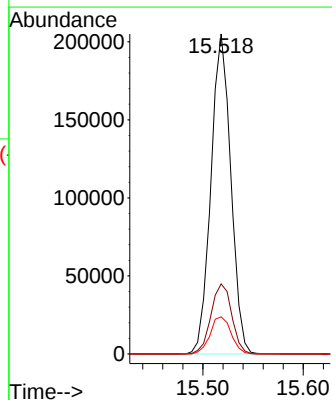
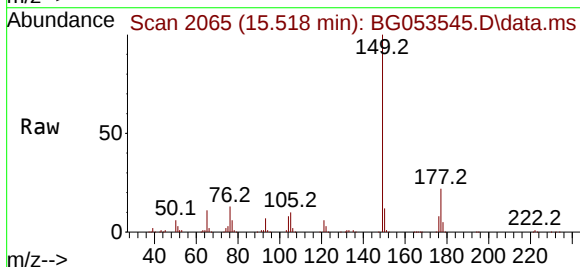
Instrument :
BNA_G
ClientSampleId :
PB144757BS

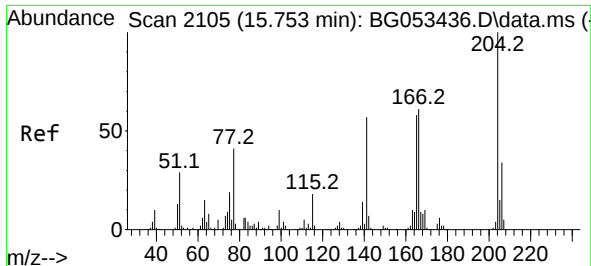
Tgt Ion:232	Resp:	80110
Ion Ratio	Lower	Upper
232	100	
131	38.6	30.6 46.0
130	2.0	1.8 2.8
166	27.5	21.1 31.7



#60
Diethylphthalate
Concen: 41.719 ng
RT: 15.518 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:149	Resp:	282132
Ion Ratio	Lower	Upper
149	100	
177	21.9	18.4 27.6
150	11.6	11.2 16.8

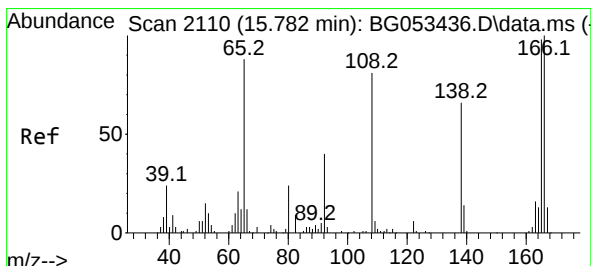
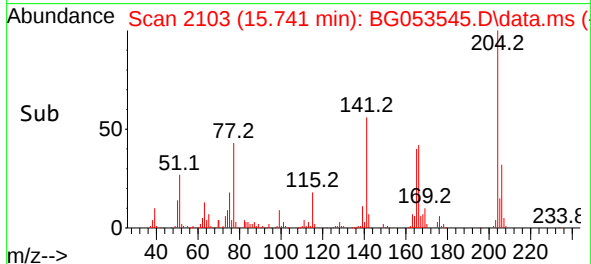
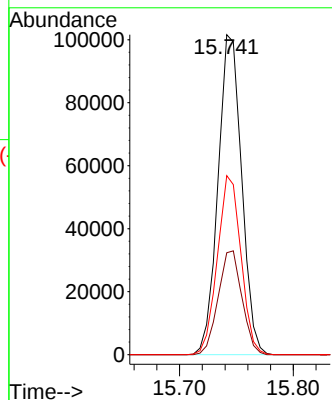
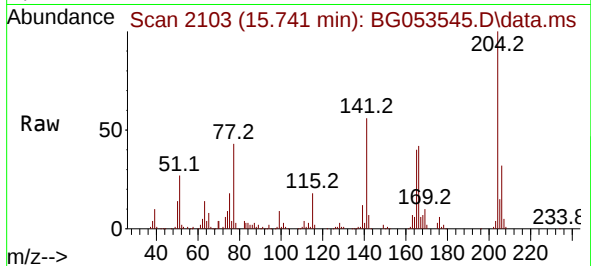




#61
4-Chlorophenyl-phenylether
Concen: 41.698 ng
RT: 15.741 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

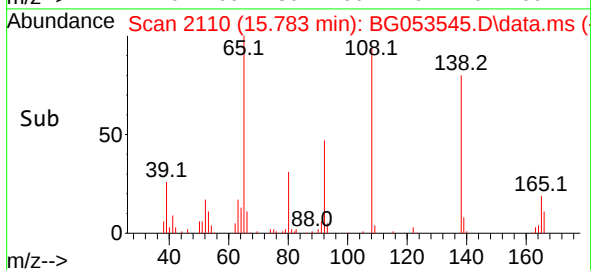
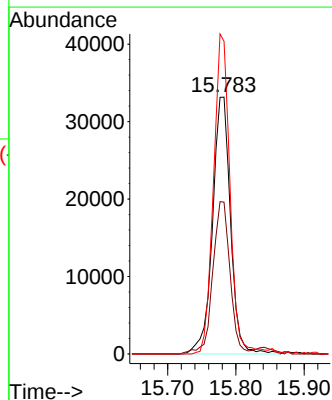
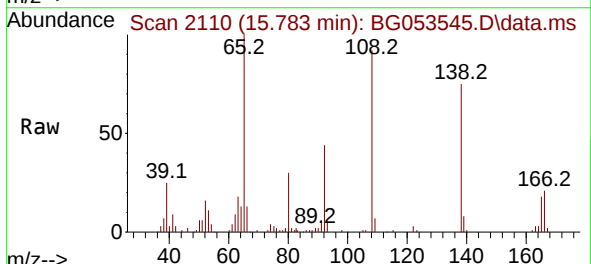
Instrument :
BNA_G
ClientSampleId :
PB144757BS

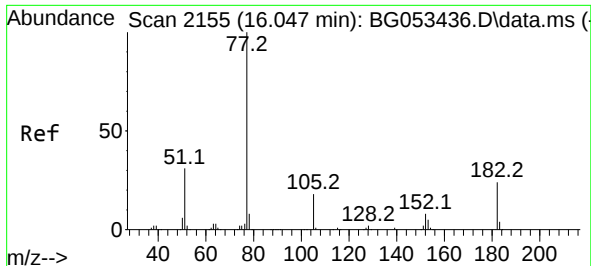
Tgt Ion:204 Resp: 146746
Ion Ratio Lower Upper
204 100
206 31.8 27.5 41.3
141 55.9 45.3 67.9



#62
4-Nitroaniline
Concen: 40.770 ng
RT: 15.783 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:138 Resp: 60941
Ion Ratio Lower Upper
138 100
92 59.1 40.5 80.5
108 121.7 103.7 143.7

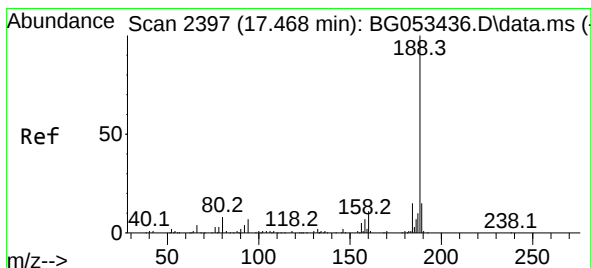
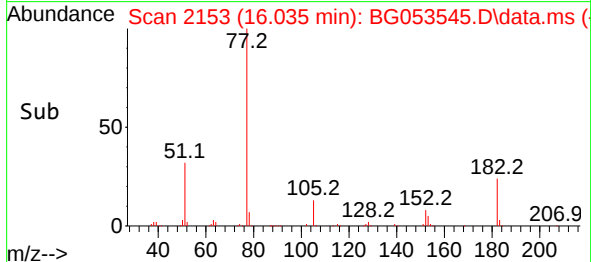
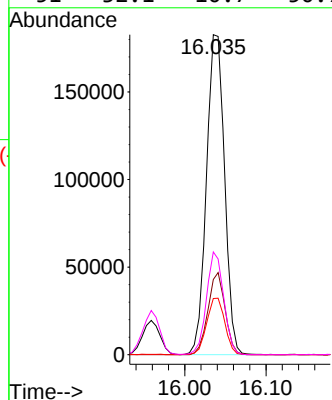
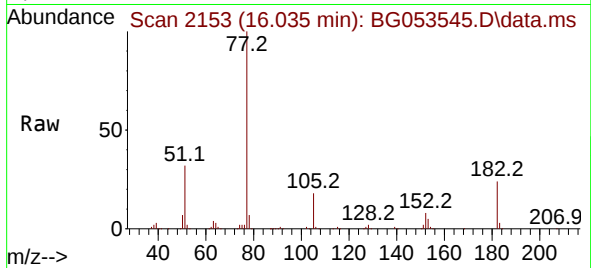




#63
Azobenzene
Concen: 40.760 ng
RT: 16.035 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

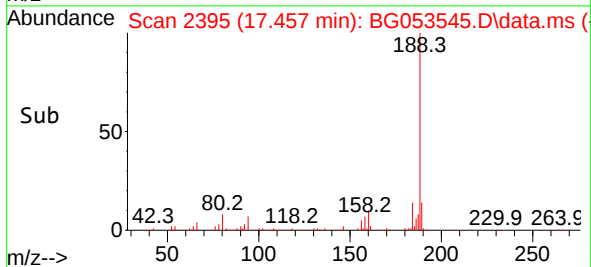
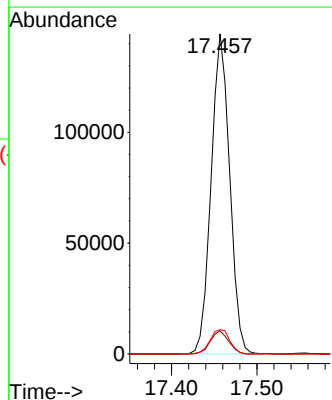
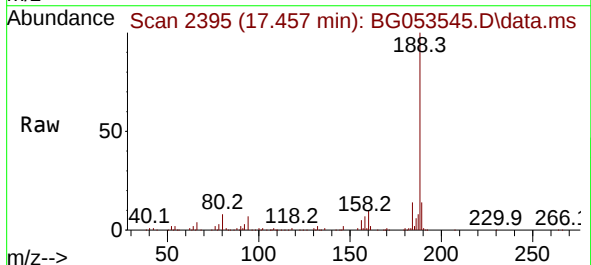
Instrument :
BNA_G
ClientSampleId :
PB144757BS

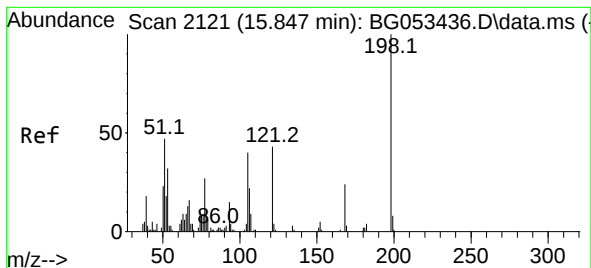
Tgt Ion: 77	Resp: 282262
Ion Ratio	Lower Upper
77 100	
182 23.5	3.8 43.8
105 17.6	0.0 37.8
51 32.1	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:188	Resp: 217989
Ion Ratio	Lower Upper
188 100	
94 7.3	5.4 8.0
80 7.6	6.8 10.2

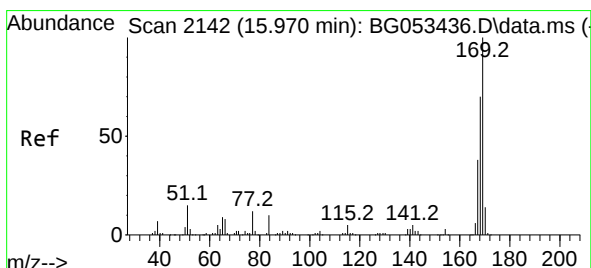
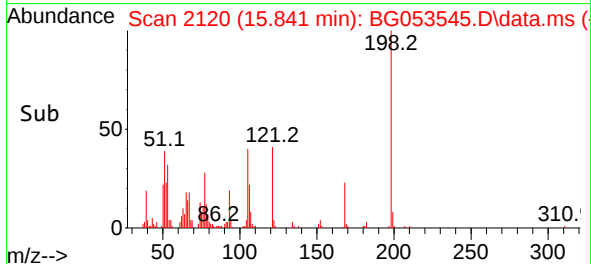
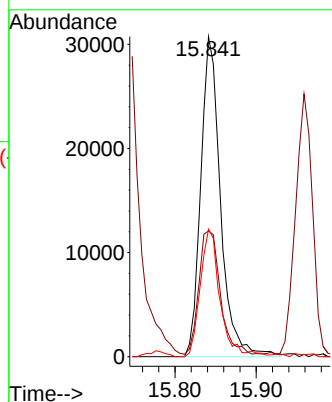
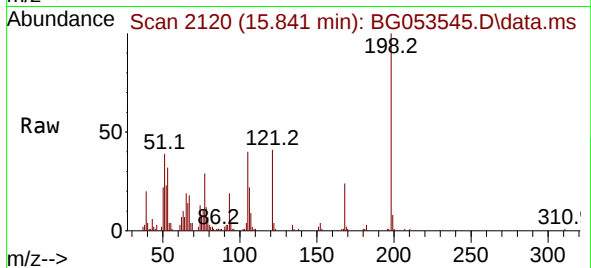




#65
4,6-Dinitro-2-methylphenol
Concen: 40.061 ng
RT: 15.841 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

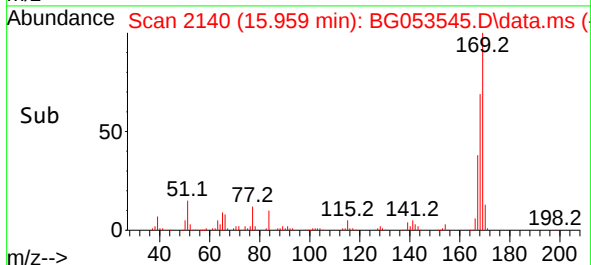
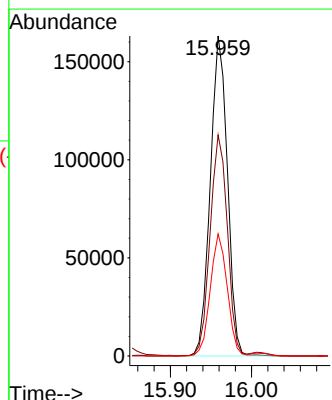
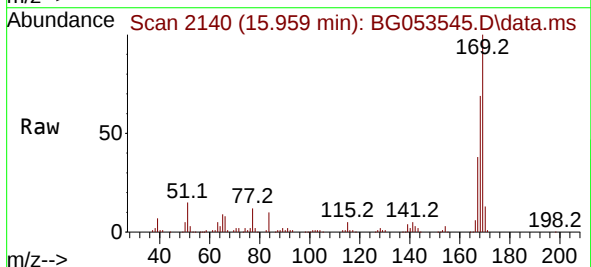
Instrument :
BNA_G
ClientSampleId :
PB144757BS

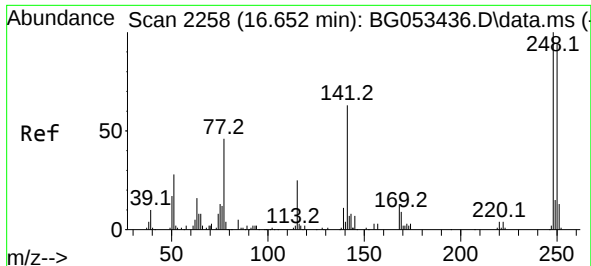
Tgt Ion:198 Resp: 52037
Ion Ratio Lower Upper
198 100
51 39.3 28.1 68.1
105 39.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 41.645 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:169 Resp: 238352
Ion Ratio Lower Upper
169 100
168 69.1 55.9 83.9
167 38.2 30.6 46.0

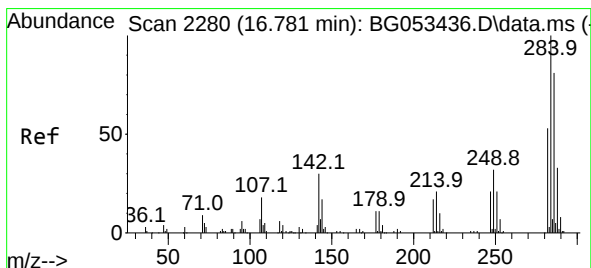
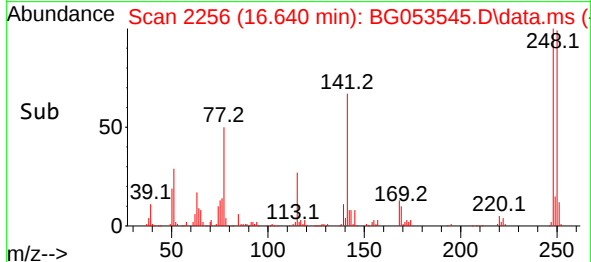
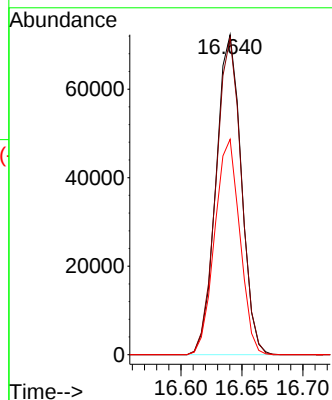
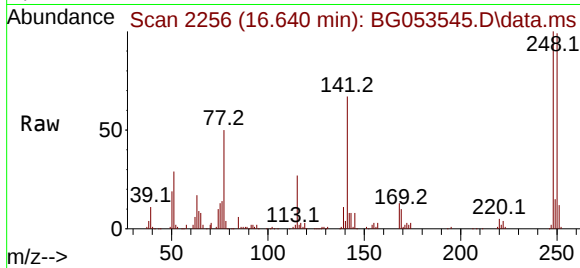




#67
4-Bromophenyl-phenylether
Concen: 40.899 ng
RT: 16.640 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

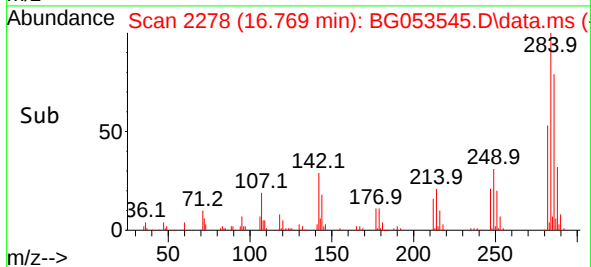
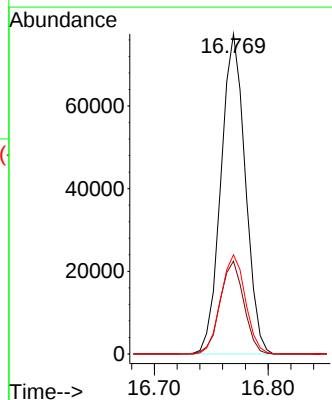
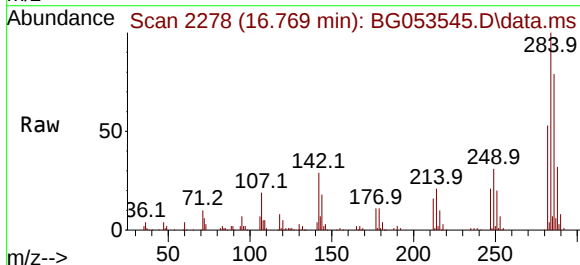
Instrument :
BNA_G
ClientSampleId :
PB144757BS

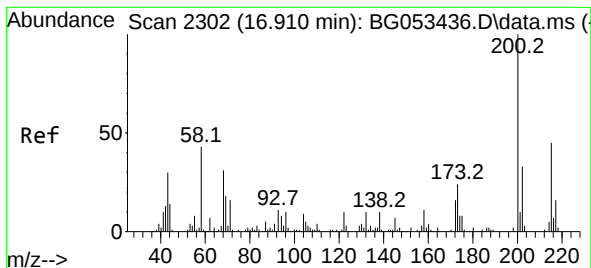
Tgt Ion:248 Resp: 104124
Ion Ratio Lower Upper
248 100
250 99.0 75.2 112.8
141 67.3 50.0 75.0



#68
Hexachlorobenzene
Concen: 41.219 ng
RT: 16.769 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:284 Resp: 114927
Ion Ratio Lower Upper
284 100
142 29.0 23.6 35.4
249 31.0 25.8 38.6





#69

Atrazine

Concen: 42.486 ng

RT: 16.905 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

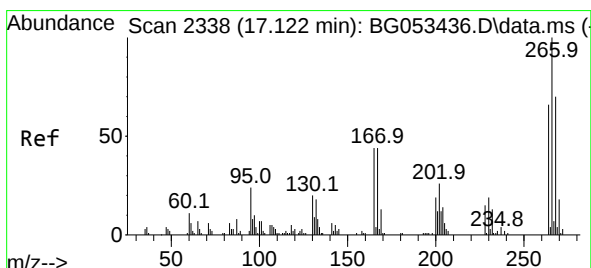
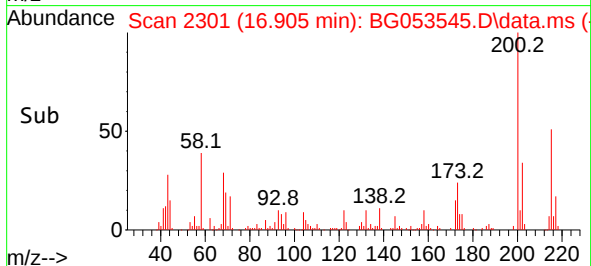
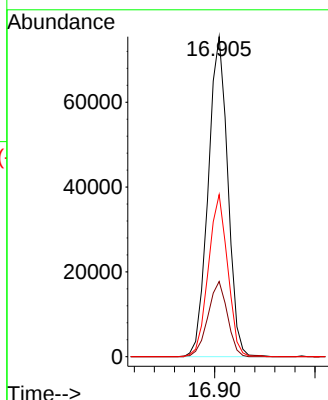
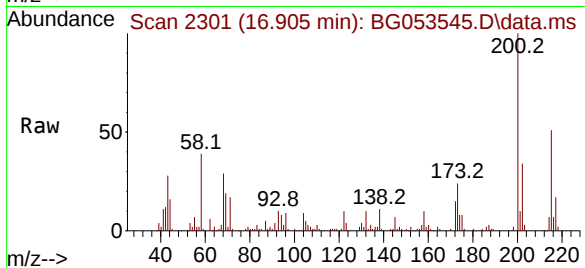
Tgt Ion:200 Resp: 102367

Ion Ratio Lower Upper

200 100

173 23.5 3.7 43.7

215 50.7 25.2 65.2



#70

Pentachlorophenol

Concen: 76.205 ng

RT: 17.116 min Scan# 2337

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

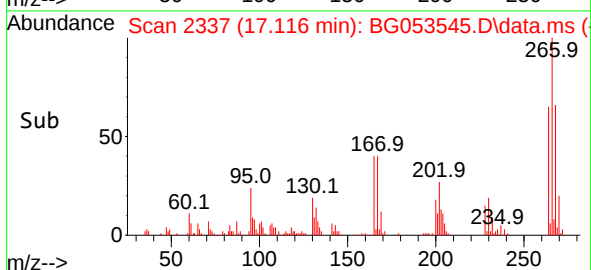
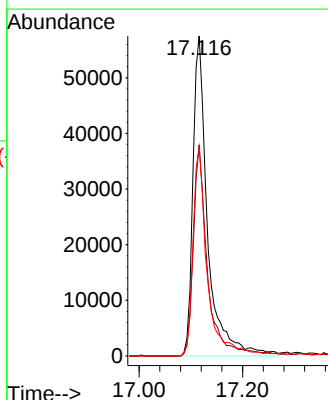
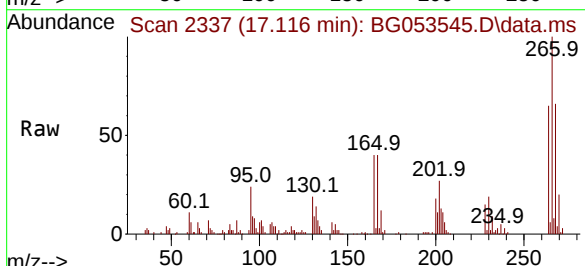
Tgt Ion:266 Resp: 114073

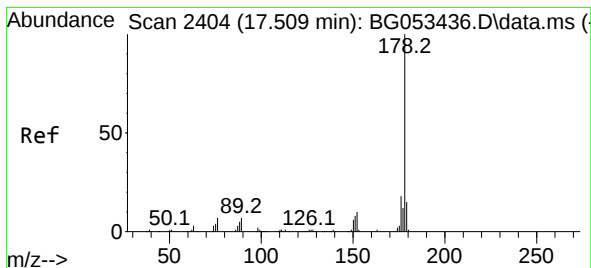
Ion Ratio Lower Upper

266 100

268 66.0 56.2 84.2

264 65.4 53.0 79.4





#71

Phenanthrene

Concen: 40.678 ng

RT: 17.504 min Scan# 24

Delta R.T. 0.004 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

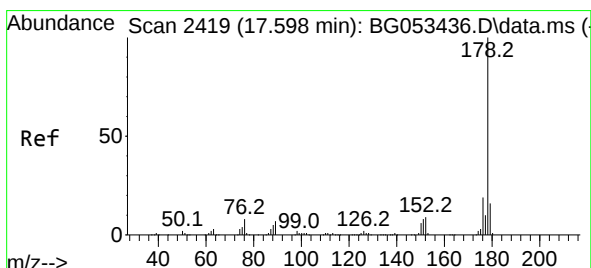
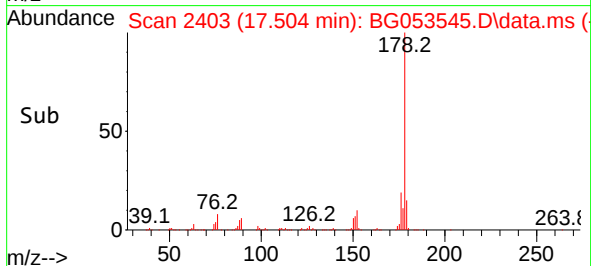
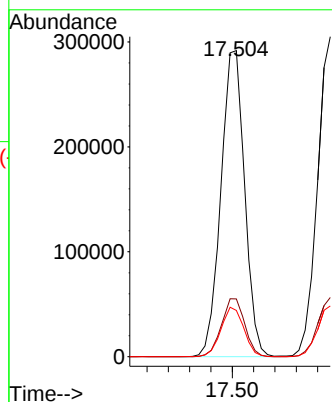
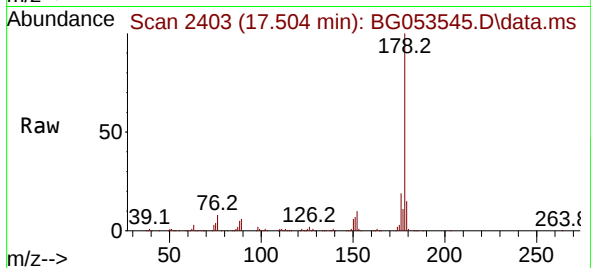
Tgt Ion:178 Resp: 450883

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

179 15.1 12.1 18.1



#72

Anthracene

Concen: 41.827 ng

RT: 17.592 min Scan# 2418

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

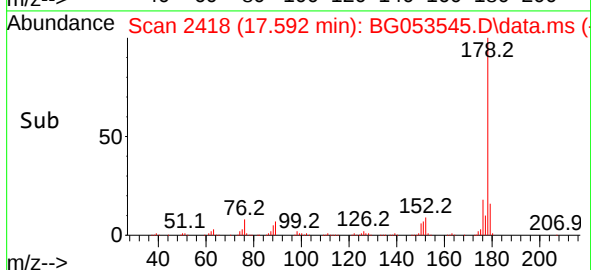
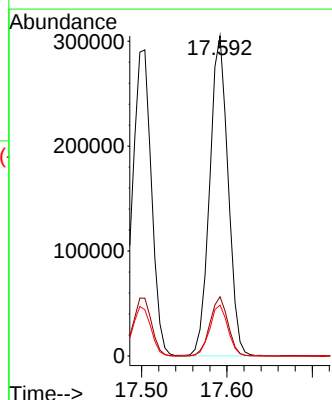
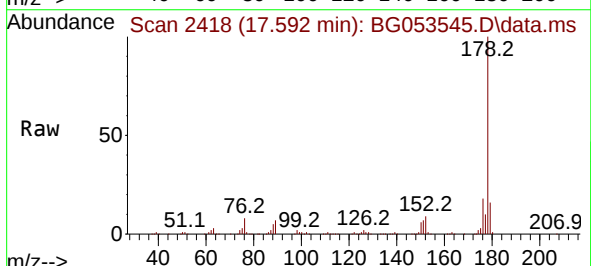
Tgt Ion:178 Resp: 455705

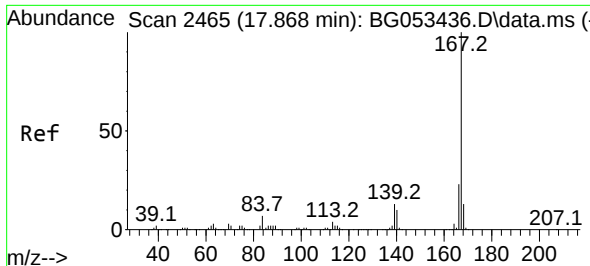
Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

179 15.8 13.0 19.4

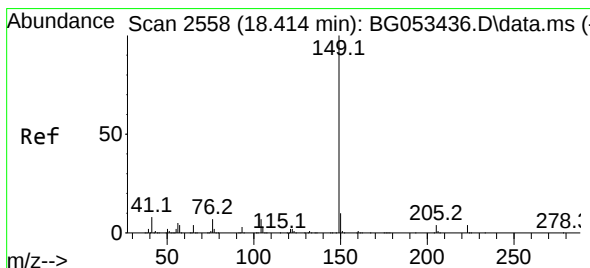
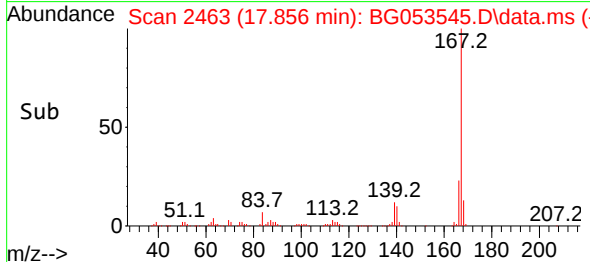
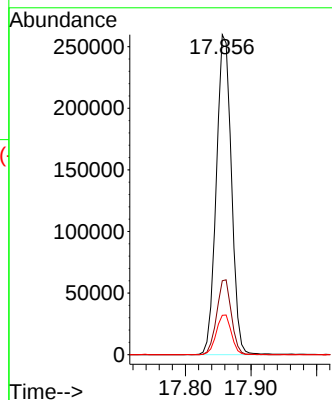
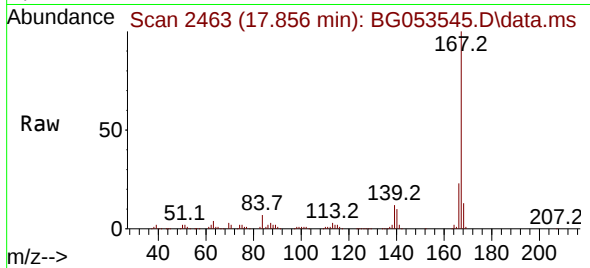




#73
 Carbazole
 Concen: 38.688 ng
 RT: 17.856 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

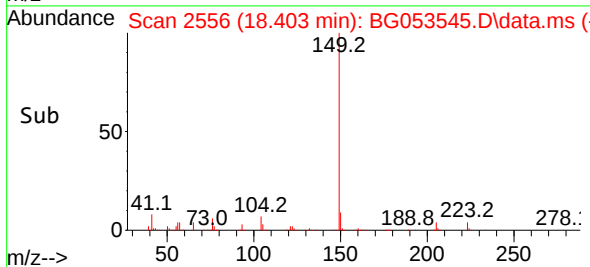
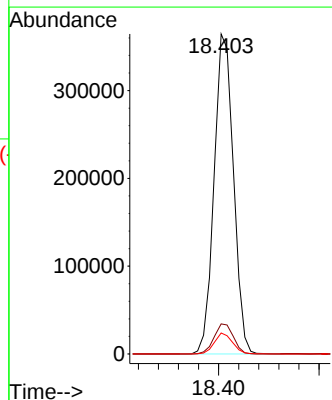
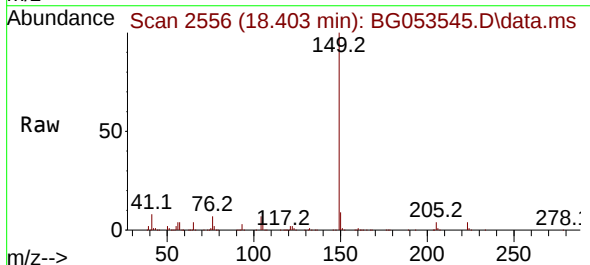
Instrument :
 BNA_G
 ClientSampleId :
 PB144757BS

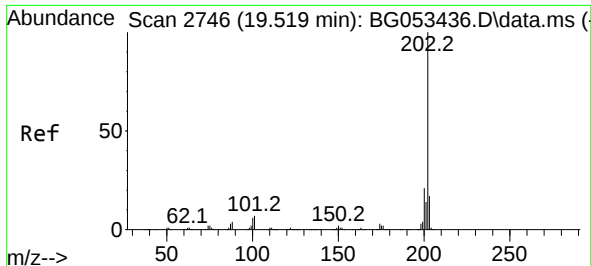
Tgt Ion:167 Resp: 413098
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 40.634 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

Tgt Ion:149 Resp: 487971
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 6.6 5.4 8.0

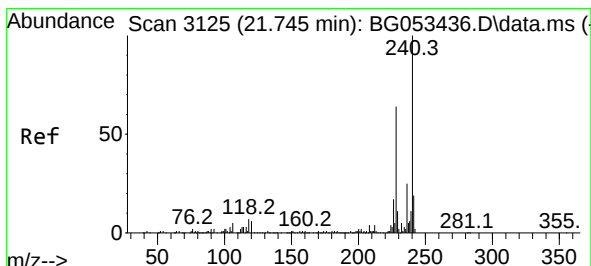
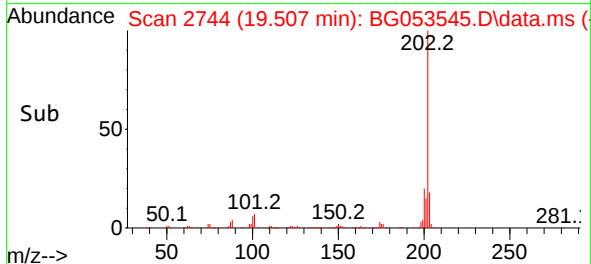
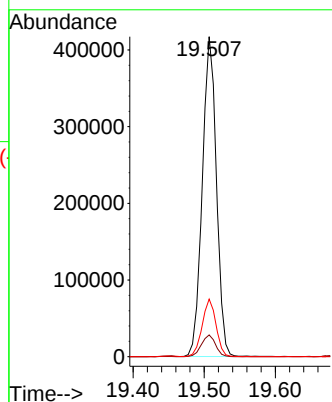
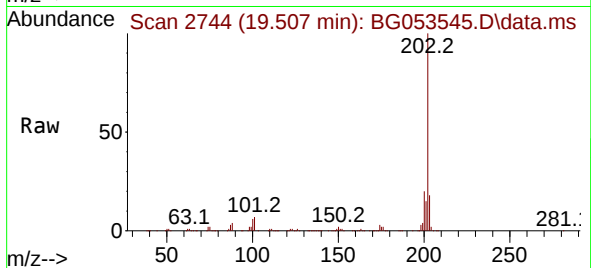




#75
Fluoranthene
Concen: 40.231 ng
RT: 19.507 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

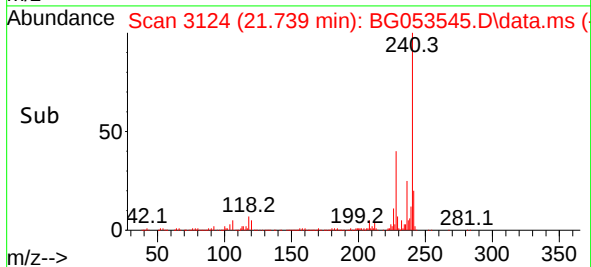
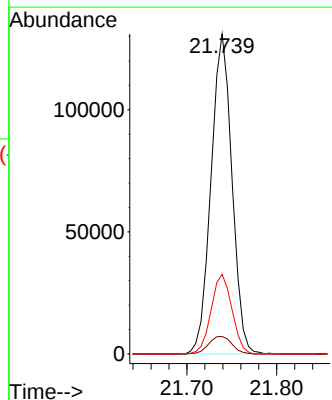
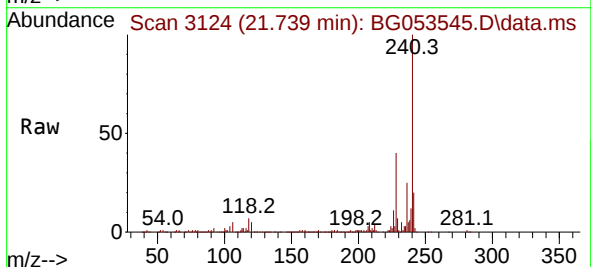
Instrument :
BNA_G
ClientSampleId :
PB144757BS

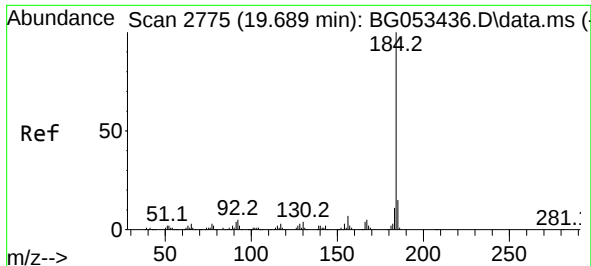
Tgt Ion:202 Resp: 577408
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 18.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:240 Resp: 211782
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.9 20.2 30.4

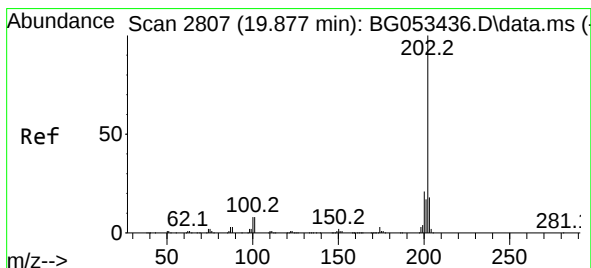
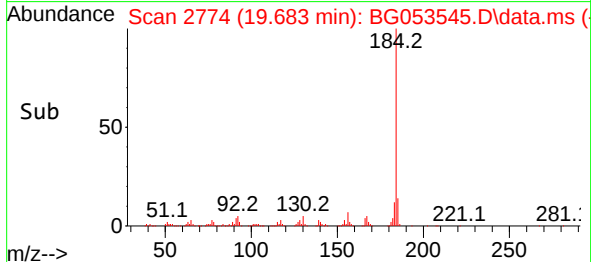
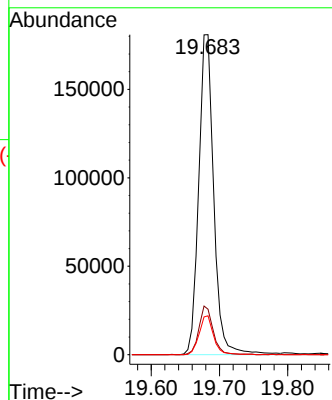
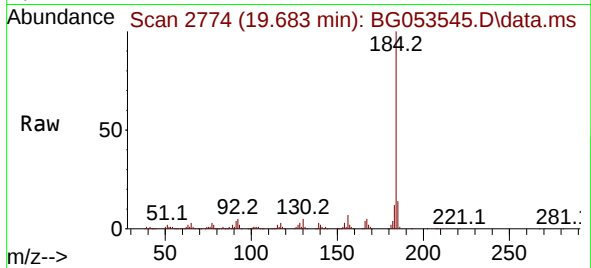




#77
Benzidine
Concen: 60.764 ng
RT: 19.683 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

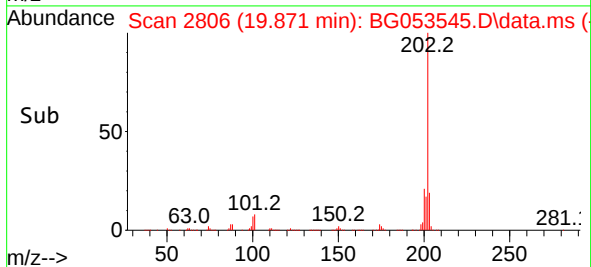
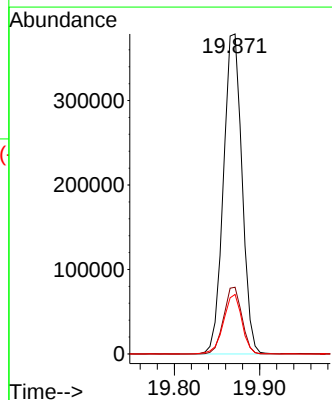
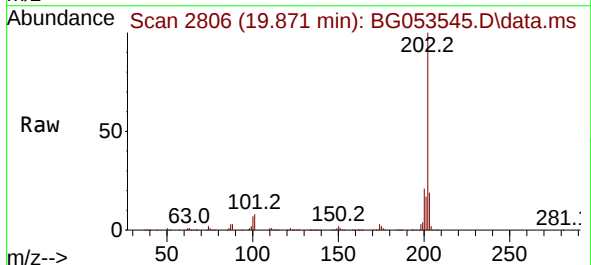
Instrument :
BNA_G
ClientSampleId :
PB144757BS

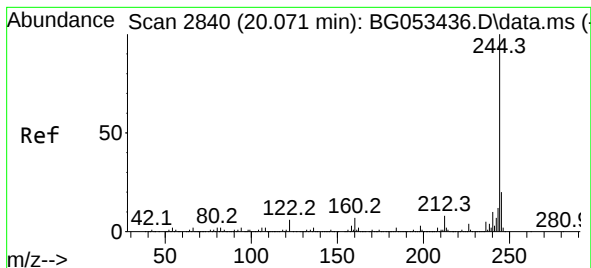
Tgt Ion:184 Resp: 277368
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.1 8.9 13.3



#78
Pyrene
Concen: 41.852 ng
RT: 19.871 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:202 Resp: 573772
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 84.455 ng

RT: 20.059 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

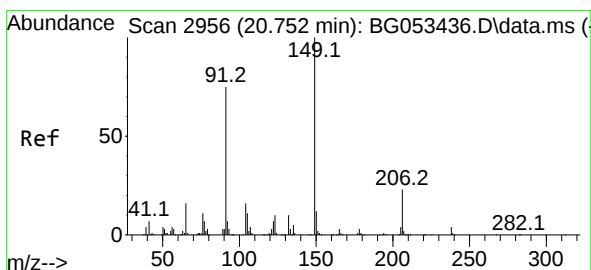
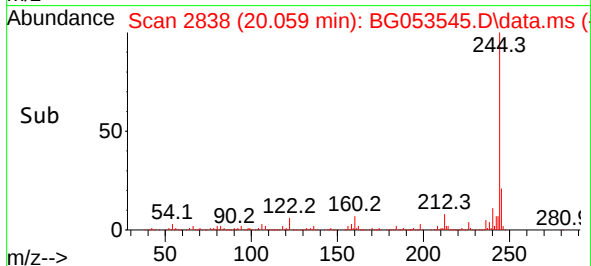
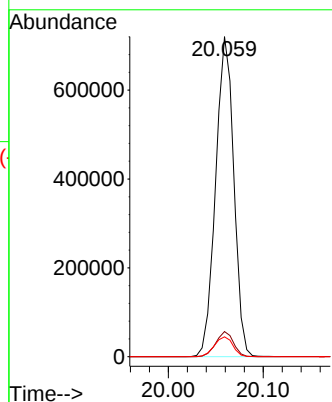
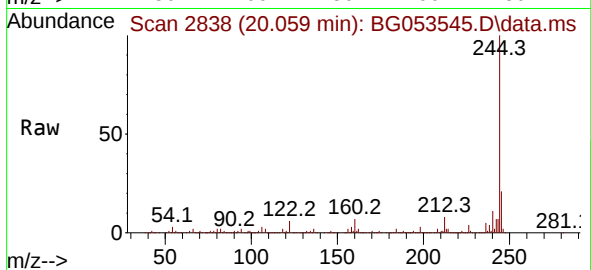
Tgt Ion:244 Resp: 960339

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 6.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 42.180 ng

RT: 20.741 min Scan# 2954

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

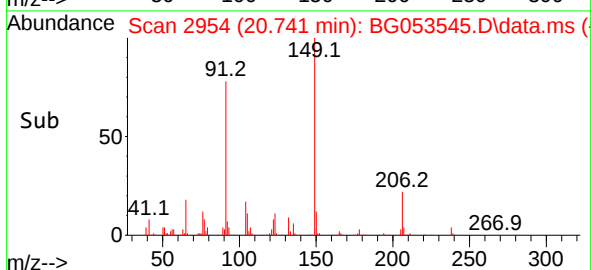
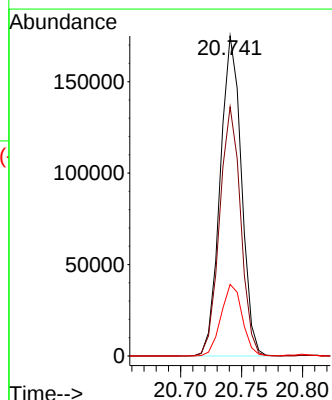
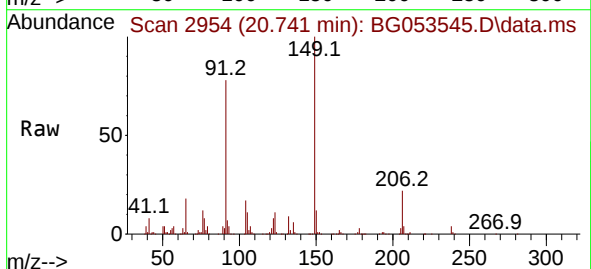
Tgt Ion:149 Resp: 212051

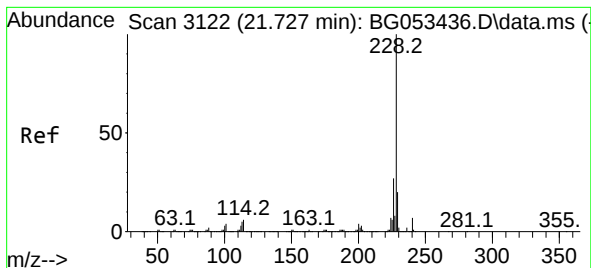
Ion Ratio Lower Upper

149 100

91 77.8 59.6 89.4

206 22.3 18.6 28.0





#81

Benzo(a)anthracene

Concen: 41.761 ng

RT: 21.716 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

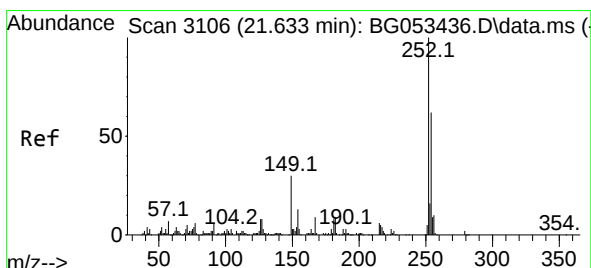
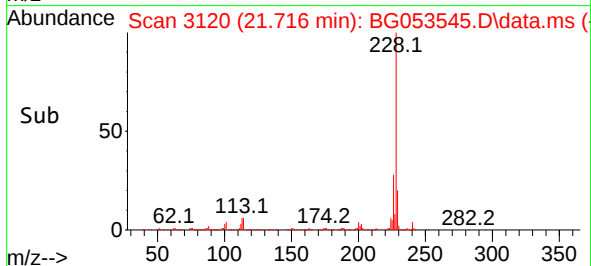
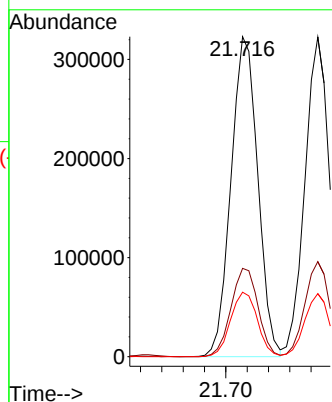
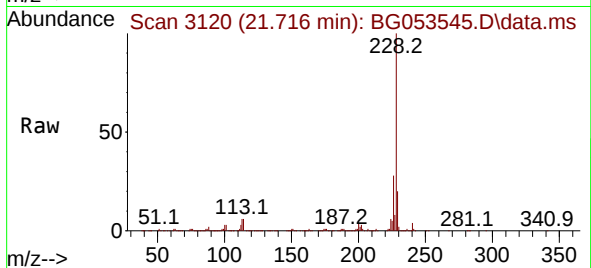
Tgt Ion:228 Resp: 564101

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 20.2 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 48.525 ng

RT: 21.628 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

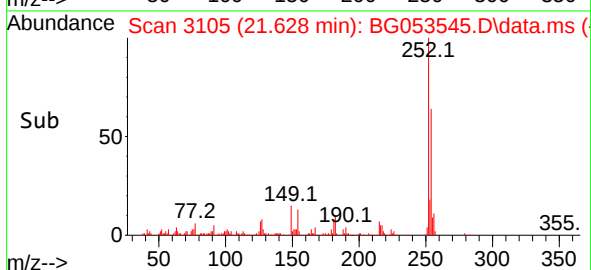
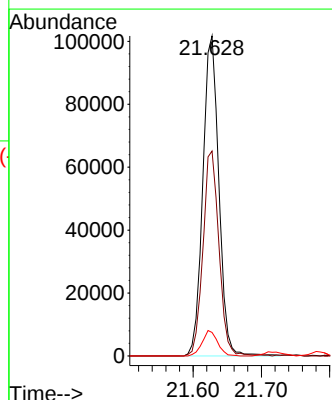
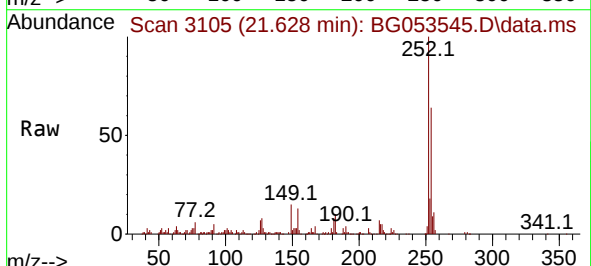
Tgt Ion:252 Resp: 166219

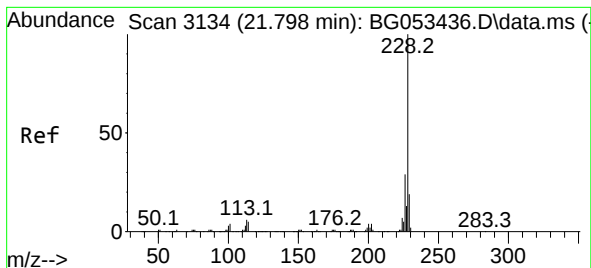
Ion Ratio Lower Upper

252 100

254 64.0 49.8 74.8

126 7.3 6.0 9.0





#83

Chrysene

Concen: 40.970 ng

RT: 21.786 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

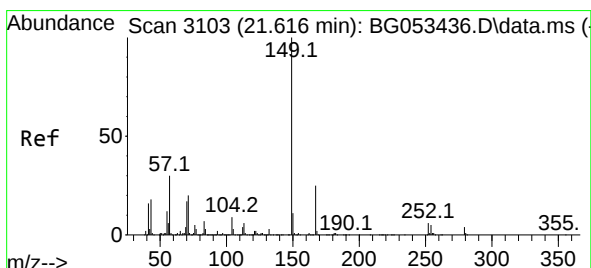
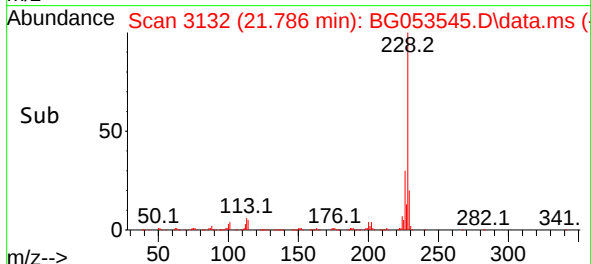
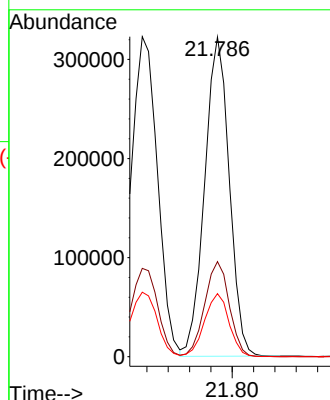
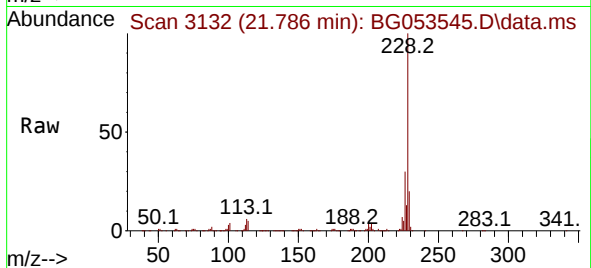
Tgt Ion:228 Resp: 516869

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.633 ng

RT: 21.610 min Scan# 3102

Delta R.T. 0.004 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

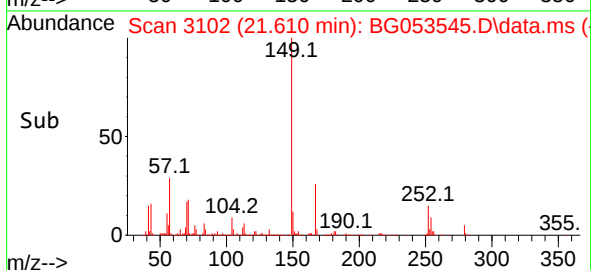
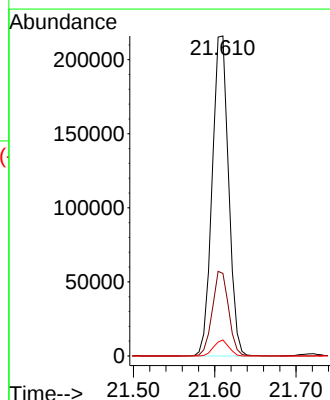
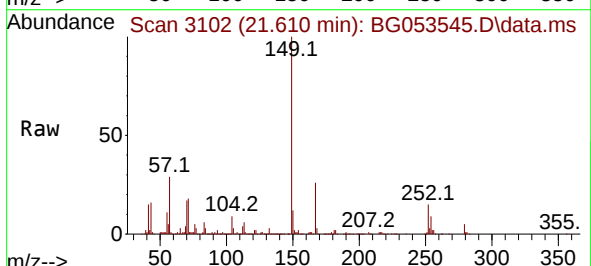
Tgt Ion:149 Resp: 302762

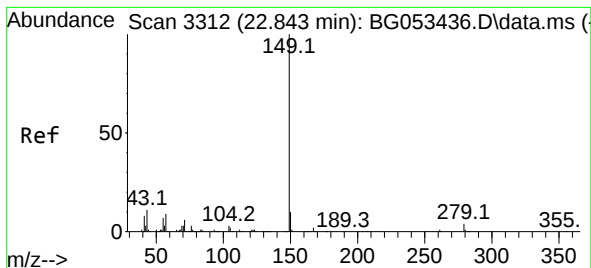
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.379 ng

RT: 22.832 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

Instrument :

BNA_G

ClientSampleId :

PB144757BS

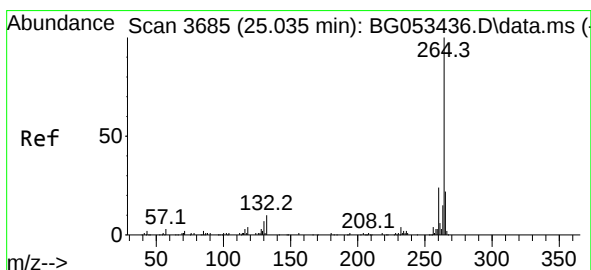
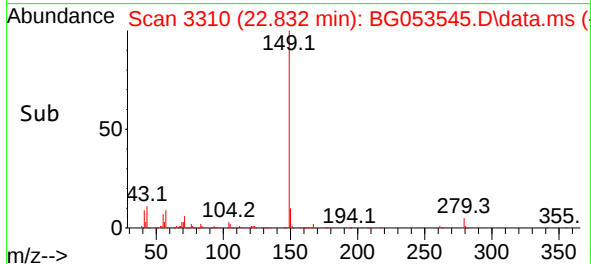
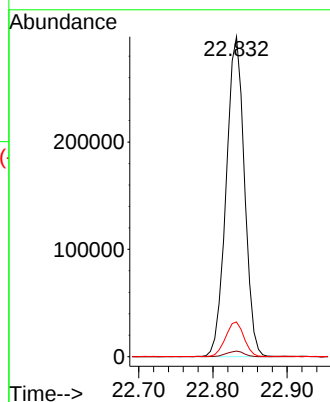
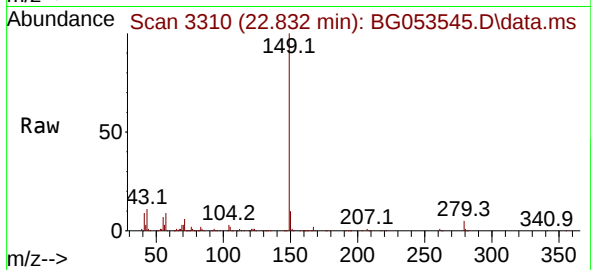
Tgt Ion:149 Resp: 508980

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.011 min Scan# 3681

Delta R.T. -0.008 min

Lab File: BG053545.D

Acq: 13 May 2022 16:23

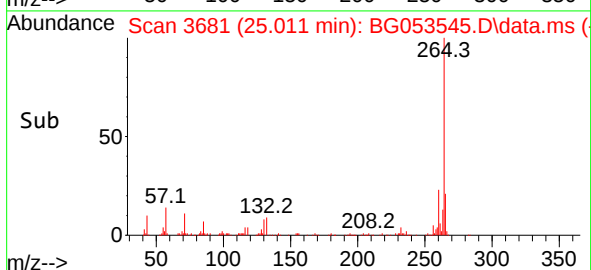
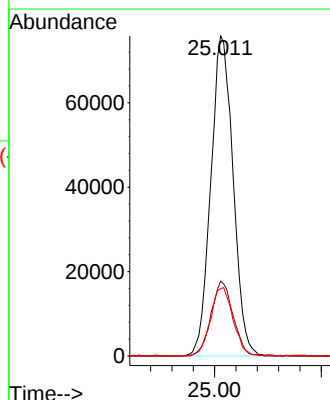
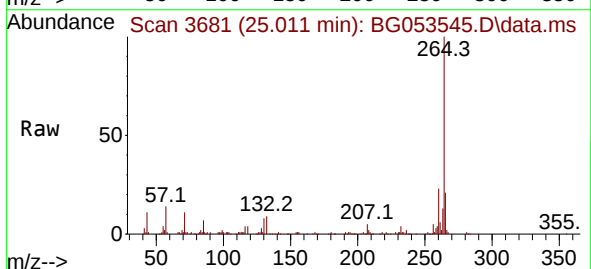
Tgt Ion:264 Resp: 219889

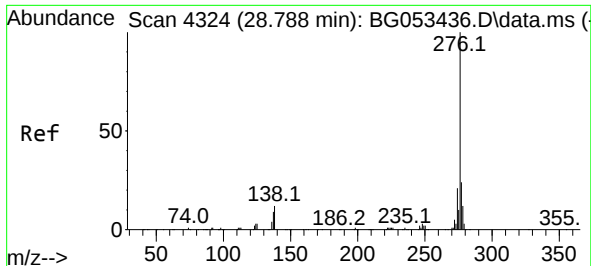
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.1 17.4 26.2

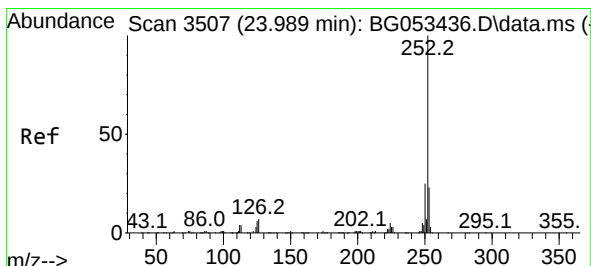
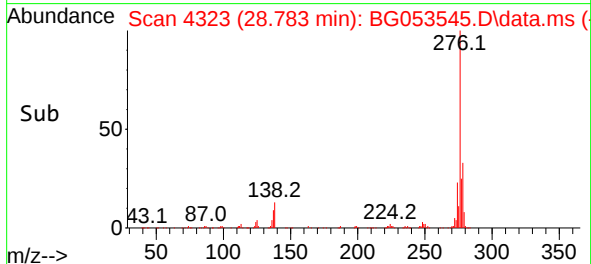
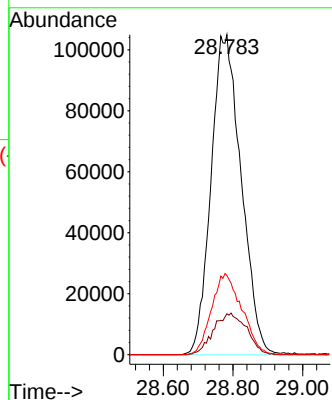
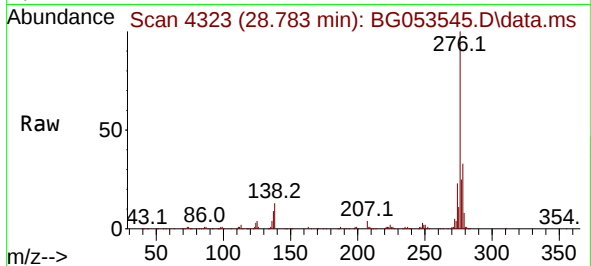




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.037 ng
 RT: 28.783 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

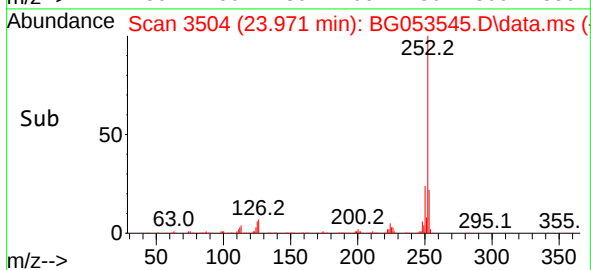
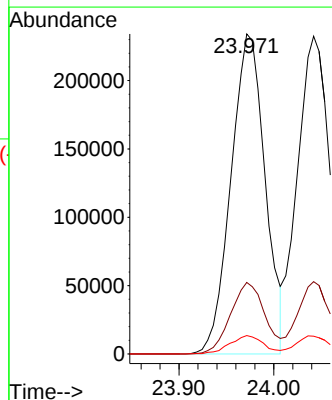
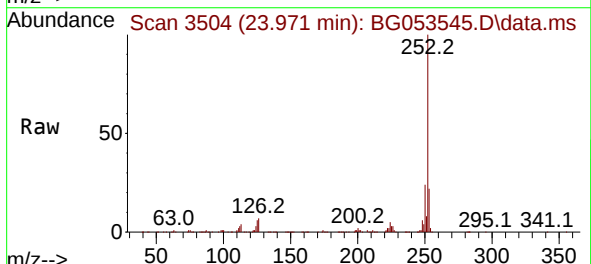
Instrument :
 BNA_G
 ClientSampleId :
 PB144757BS

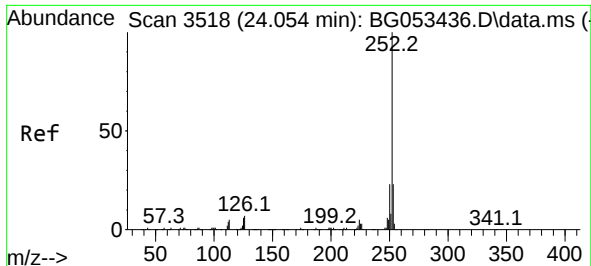
Tgt Ion:276 Resp: 628475
 Ion Ratio Lower Upper
 276 100
 138 14.3 5.0 7.4#
 277 25.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 45.014 ng
 RT: 23.971 min Scan# 3504
 Delta R.T. -0.008 min
 Lab File: BG053545.D
 Acq: 13 May 2022 16:23

Tgt Ion:252 Resp: 585888
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 5.7 4.6 6.8

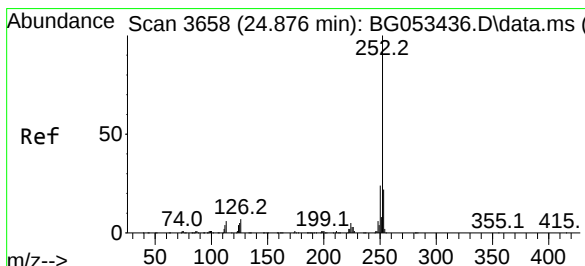
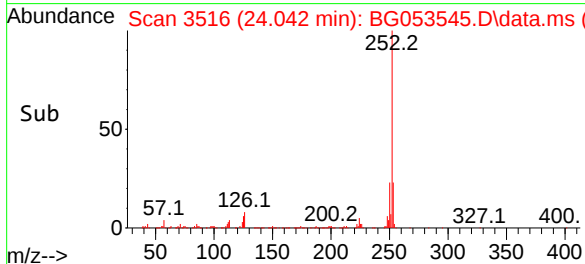
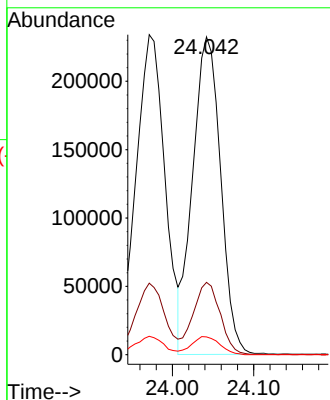
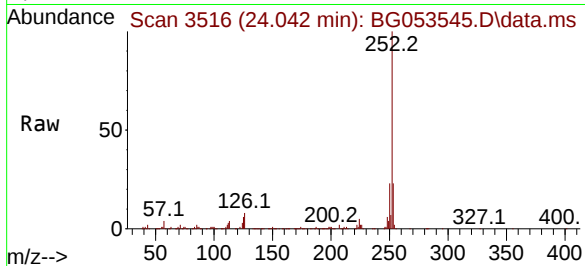




#89
Benzo(k)fluoranthene
Concen: 43.446 ng
RT: 24.042 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

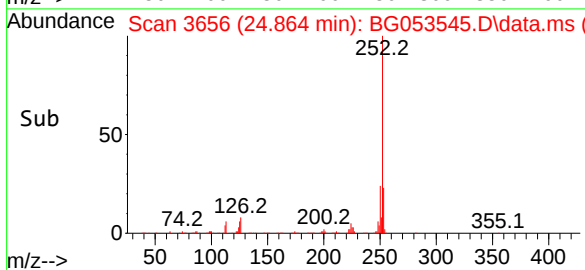
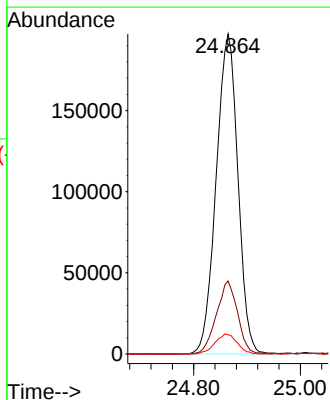
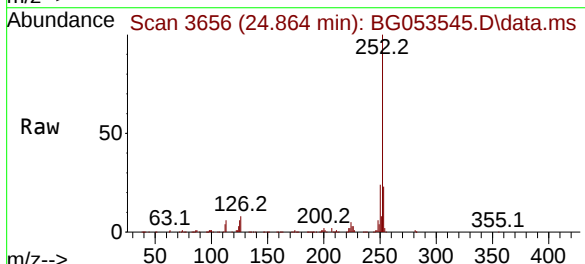
Instrument :
BNA_G
ClientSampleId :
PB144757BS

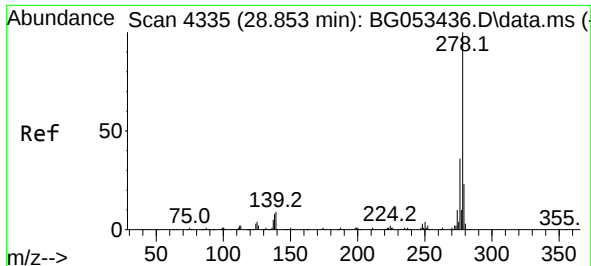
Tgt Ion:252 Resp: 555671
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 5.6 4.8 7.2



#90
Benzo(a)pyrene
Concen: 50.332 ng
RT: 24.864 min Scan# 3656
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:252 Resp: 557589
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 6.0 4.3 6.5

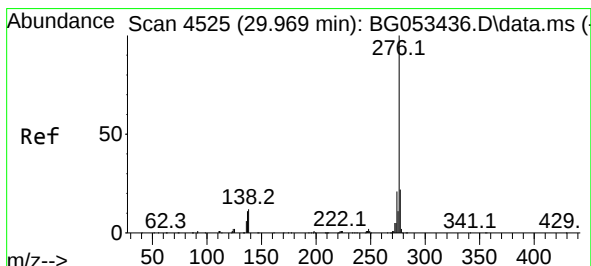
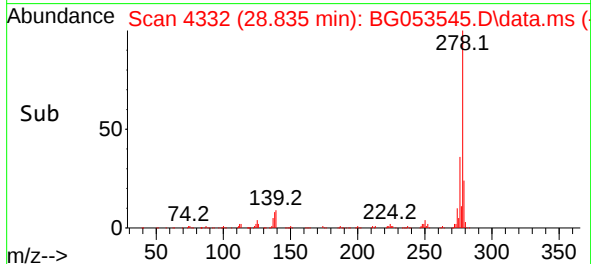
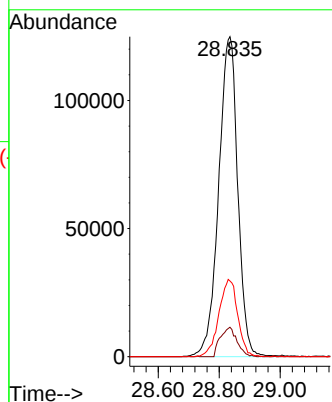
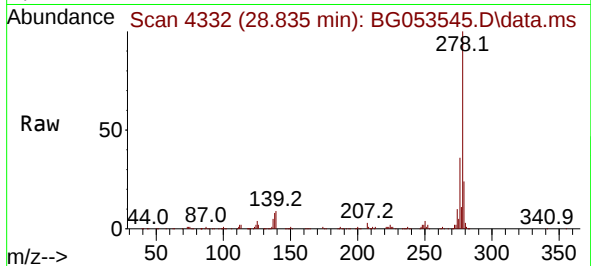




#91
Dibenzo(a,h)anthracene
Concen: 43.040 ng
RT: 28.835 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Instrument :
BNA_G
ClientSampleId :
PB144757BS

Tgt Ion:278 Resp: 543137
Ion Ratio Lower Upper
278 100
139 9.2 7.2 10.8
279 23.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 43.138 ng
RT: 29.957 min Scan# 4523
Delta R.T. 0.004 min
Lab File: BG053545.D
Acq: 13 May 2022 16:23

Tgt Ion:276 Resp: 539611
Ion Ratio Lower Upper
276 100
277 22.9 17.3 25.9
138 11.0 9.6 14.4

