

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055915.D
 Acq On : 7 Dec 2022 15:26
 Operator : CG/JU
 Sample : PB149462BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS

Quant Time: Dec 08 05:50:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	26721	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	131705	20.000	ng	0.00
39) Acenaphthene-d10	14.800	164	107102	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	262579	20.000	ng	0.00
76) Chrysene-d12	21.821	240	243074	20.000	ng	0.00
86) Perylene-d12	25.170	264	242372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	228120	154.310	ng	0.00
7) Phenol-d6	7.321	99	307847	156.435	ng	0.00
23) Nitrobenzene-d5	9.336	82	192392	77.209	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	178698	118.489	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	511091	71.491	ng	0.00
79) Terphenyl-d14	20.129	244	967575	79.617	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.484	88	18596	29.435	ng	94
3) Pyridine	3.901	79	54705	28.226	ng	95
4) n-Nitrosodimethylamine	3.819	42	42701	41.615	ng	97
6) Aniline	7.473	93	100501	40.660	ng	98
8) 2-Chlorophenol	7.720	128	81414	48.174	ng	98
9) Benzaldehyde	7.285	77	32597	24.391	ng	96
10) Phenol	7.344	94	109930	49.890	ng	99
11) bis(2-Chloroethyl)ether	7.562	93	71436	42.305	ng	98
12) 1,3-Dichlorobenzene	8.043	146	79052	39.786	ng	98
13) 1,4-Dichlorobenzene	8.196	146	81572	40.627	ng	99
14) 1,2-Dichlorobenzene	8.519	146	80824	42.008	ng	97
15) Benzyl Alcohol	8.402	79	83784	52.387	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.684	45	140665	46.016	ng	98
17) 2-Methylphenol	8.607	107	78148	49.955	ng	99
18) Hexachloroethane	9.254	117	28070	40.619	ng	98
19) n-Nitroso-di-n-propyla...	8.966	70	69948	46.262	ng	97
20) 3+4-Methylphenols	8.936	107	108012	49.427	ng	99
22) Acetophenone	8.989	105	131138	38.318	ng	97
24) Nitrobenzene	9.377	77	98567	37.870	ng	99
25) Isophorone	9.900	82	198036	41.945	ng	99
26) 2-Nitrophenol	10.094	139	49871	41.506	ng	92
27) 2,4-Dimethylphenol	10.147	122	84455	46.184	ng	97
28) bis(2-Chloroethoxy)met...	10.376	93	107833	42.544	ng	99
29) 2,4-Dichlorophenol	10.640	162	92279	42.160	ng	99
30) 1,2,4-Trichlorobenzene	10.846	180	88783	34.915	ng	98
31) Naphthalene	11.040	128	259835	36.495	ng	100
32) Benzoic acid	10.317	122	37019	24.605	ng	94
33) 4-Chloroaniline	11.146	127	105065	35.773	ng	99
34) Hexachlorobutadiene	11.310	225	60010	34.561	ng	95
35) Caprolactam	11.927	113	18685	24.669	ng	92
36) 4-Chloro-3-methylphenol	12.268	107	107317	44.610	ng	96
37) 2-Methylnaphthalene	12.632	142	205764	38.598	ng	98
38) 1-Methylnaphthalene	12.855	142	197454	38.154	ng	100
40) 1,2,4,5-Tetrachloroben...	13.002	216	120995	35.949	ng	99
41) Hexachlorocyclopentadiene	12.973	237	77054	45.424	ng	99
43) 2,4,6-Trichlorophenol	13.243	196	79329	34.552	ng	99

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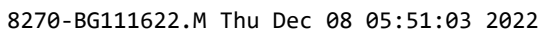
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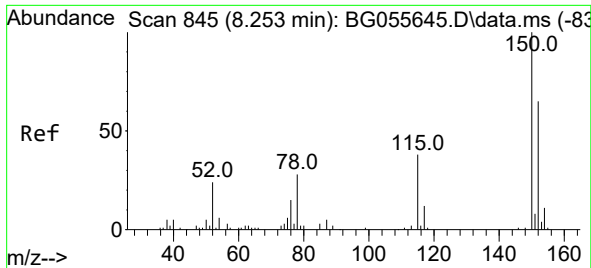
Quant Time: Dec 08 05:50:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.325	196	88737	35.171	ng	98
46) 1,1'-Biphenyl	13.631	154	286708	36.735	ng	98
47) 2-Chloronaphthalene	13.684	162	217256	35.813	ng	99
48) 2-Nitroaniline	13.884	65	80449	40.336	ng	98
49) Acenaphthylene	14.524	152	366420	36.680	ng	100
50) Dimethylphthalate	14.242	163	319238	37.391	ng	99
51) 2,6-Dinitrotoluene	14.371	165	69009	39.531	ng	94
52) Acenaphthene	14.859	154	216414	33.148	ng	98
53) 3-Nitroaniline	14.706	138	63260	33.010	ng	97
54) 2,4-Dinitrophenol	14.924	184	72079	71.813	ng	98
55) Dibenzofuran	15.194	168	370685	36.804	ng	99
56) 4-Nitrophenol	15.023	139	97577	64.876	ng	92
57) 2,4-Dinitrotoluene	15.159	165	100991	41.032	ng	99
58) Fluorene	15.840	166	298400	37.094	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.423	232	78768	32.220	ng	99
60) Diethylphthalate	15.593	149	326307	37.802	ng	100
61) 4-Chlorophenyl-phenyle...	15.822	204	164289	37.153	ng	96
62) 4-Nitroaniline	15.869	138	73706	36.793	ng	96
63) Azobenzene	16.116	77	282340	37.466	ng	98
65) 4,6-Dinitro-2-methylph...	15.928	198	57049	38.909	ng	97
66) n-Nitrosodiphenylamine	16.040	169	272006	37.588	ng	98
67) 4-Bromophenyl-phenylether	16.716	248	110916	37.073	ng	99
68) Hexachlorobenzene	16.845	284	122333	36.876	ng	99
69) Atrazine	16.980	200	115350	40.304	ng	99
70) Pentachlorophenol	17.197	266	134850	66.450	ng	99
71) Phenanthrene	17.585	178	515133	36.354	ng	99
72) Anthracene	17.673	178	516931	37.547	ng	99
73) Carbazole	17.944	167	472396	38.167	ng	99
74) Di-n-butylphthalate	18.472	149	572200	37.232	ng	99
75) Fluoranthene	19.583	202	613665	35.598	ng	100
77) Benzidine	19.753	184	279902	49.775	ng	98
78) Pyrene	19.941	202	619197	37.634	ng	100
80) Butylbenzylphthalate	20.805	149	247363	38.404	ng	99
81) Benzo(a)anthracene	21.804	228	620494	37.062	ng	99
82) 3,3'-Dichlorobenzidine	21.704	252	220200	37.431	ng	98
83) Chrysene	21.868	228	581318	36.473	ng	98
84) Bis(2-ethylhexyl)phtha...	21.669	149	359362	38.822	ng	99
85) Di-n-octyl phthalate	22.908	149	599323	37.833	ng	99
87) Indeno(1,2,3-cd)pyrene	29.031	276	712146	35.866	ng	# 95
88) Benzo(b)fluoranthene	24.101	252	649970	41.178	ng	100
89) Benzo(k)fluoranthene	24.171	252	627355	39.872	ng	99
90) Benzo(a)pyrene	25.012	252	567512	41.898	ng	100
91) Dibenzo(a,h)anthracene	29.095	278	622072	38.339	ng	99
92) Benzo(g,h,i)perylene	30.247	276	614860	37.598	ng	97

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

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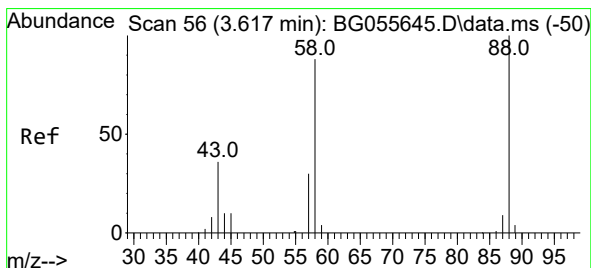
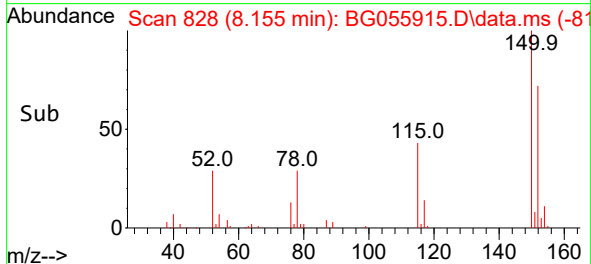
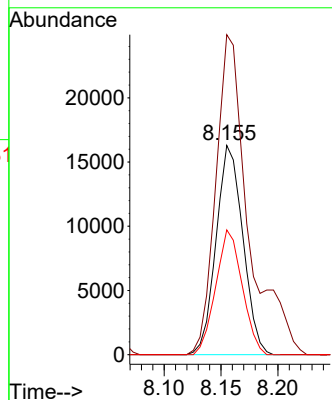
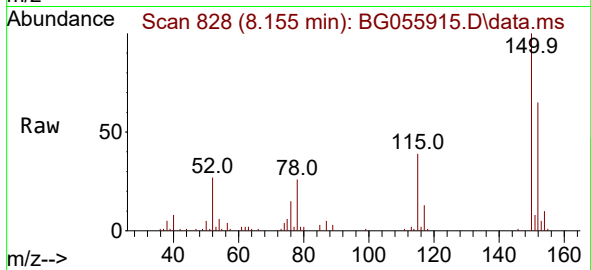




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 81
Delta R.T. -0.007 min
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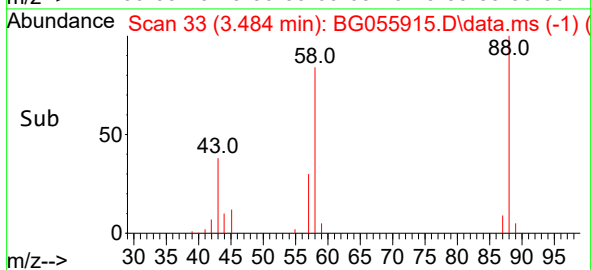
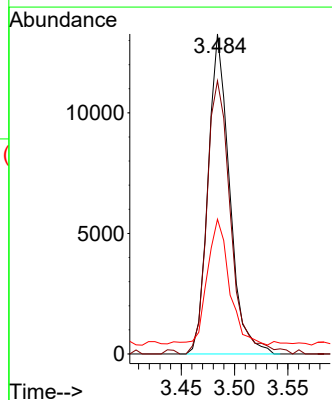
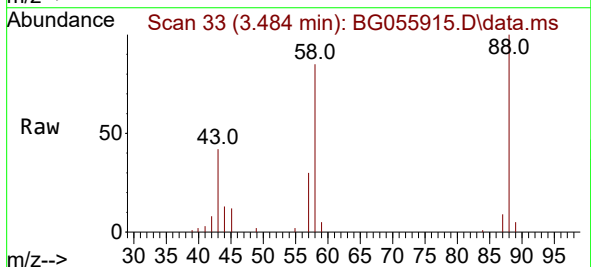
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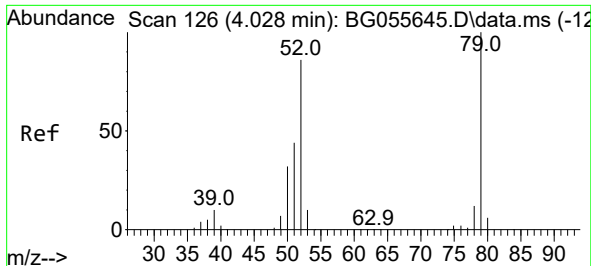
Tgt Ion:152 Resp: 26721
Ion Ratio Lower Upper
152 100
150 152.9 123.0 184.6
115 59.6 47.0 70.4



#2
1,4-Dioxane
Concen: 29.435 ng
RT: 3.484 min Scan# 33
Delta R.T. -0.013 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 88 Resp: 18596
Ion Ratio Lower Upper
88 100
58 94.3 71.3 106.9
43 40.8 28.6 43.0

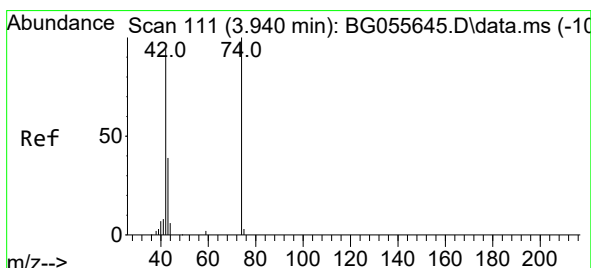
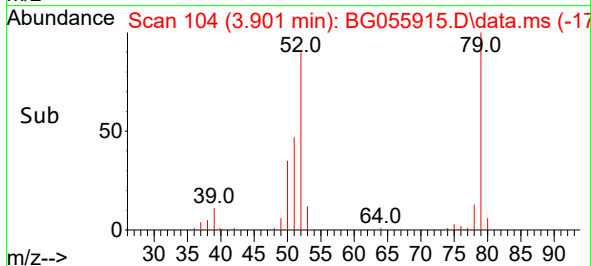
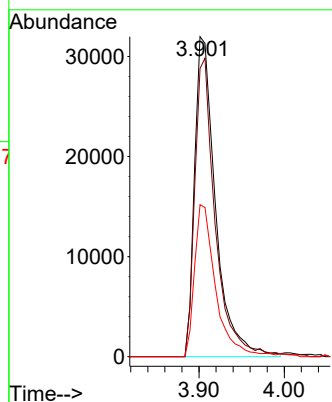
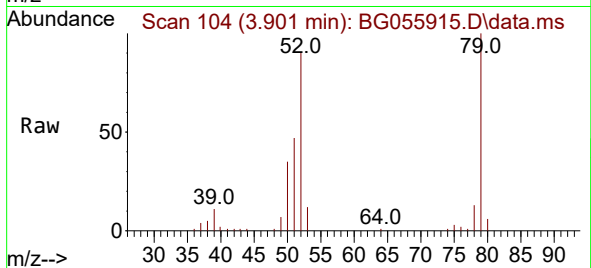




#3
Pyridine
Concen: 28.226 ng
RT: 3.901 min Scan# 10
Delta R.T. -0.019 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

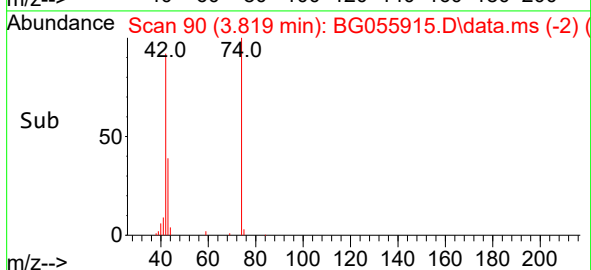
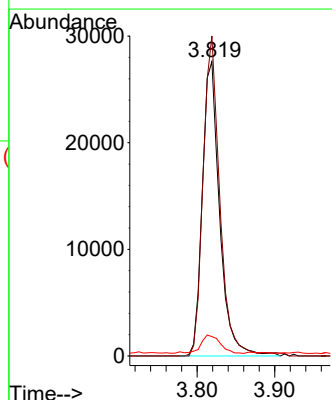
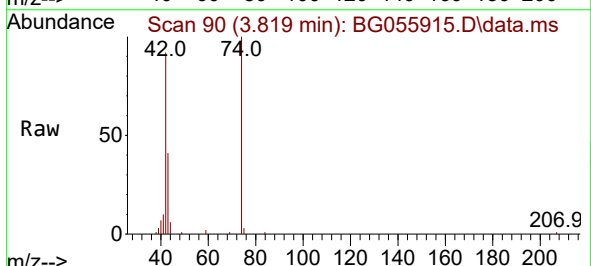
Instrument :
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ClientSampleId :
PB149462BS

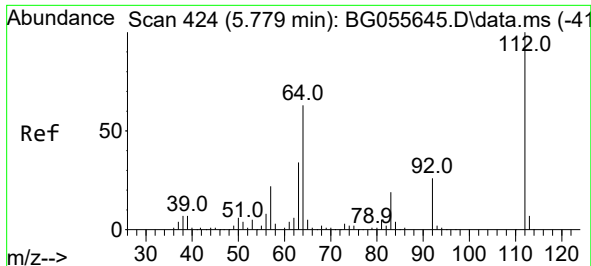
Tgt Ion: 79 Resp: 54705
Ion Ratio Lower Upper
79 100
52 90.1 68.9 103.3
51 47.5 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 41.615 ng
RT: 3.819 min Scan# 90
Delta R.T. -0.013 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 42 Resp: 42701
Ion Ratio Lower Upper
42 100
74 108.7 84.7 127.1
44 6.6 5.4 8.0

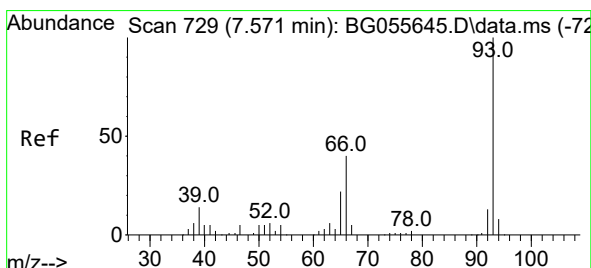
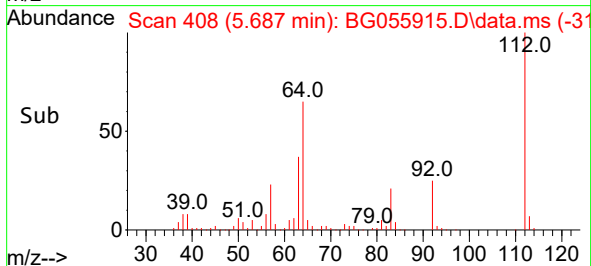
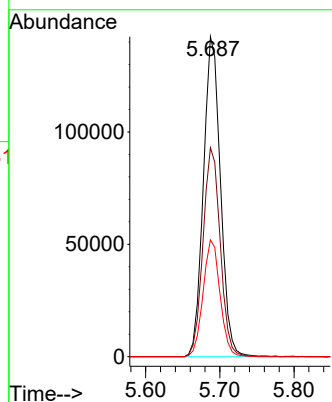
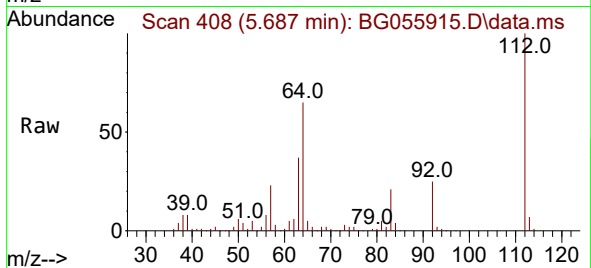




#5
2-Fluorophenol
Concen: 154.310 ng
RT: 5.687 min Scan# 408
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

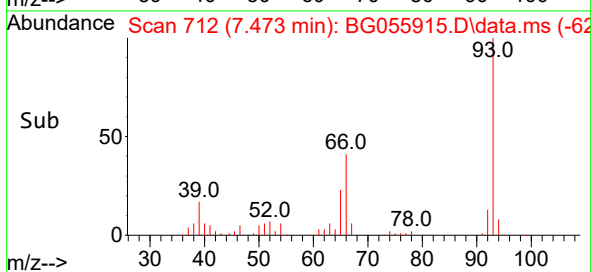
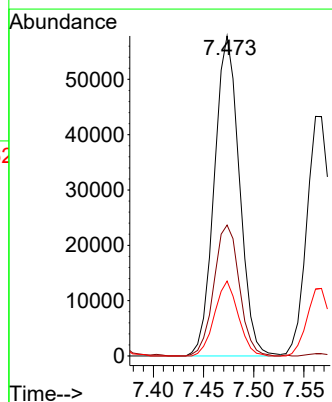
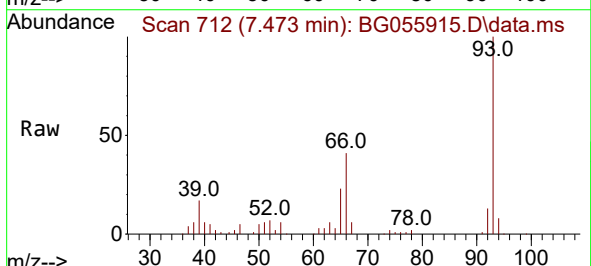
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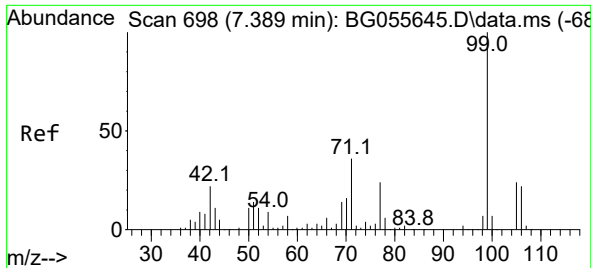
Tgt Ion:112 Resp: 228120
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 36.5 27.5 41.3



#6
Aniline
Concen: 40.660 ng
RT: 7.473 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG055915.D
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Tgt Ion: 93 Resp: 100501
Ion Ratio Lower Upper
93 100
66 40.9 31.7 47.5
65 23.4 17.9 26.9

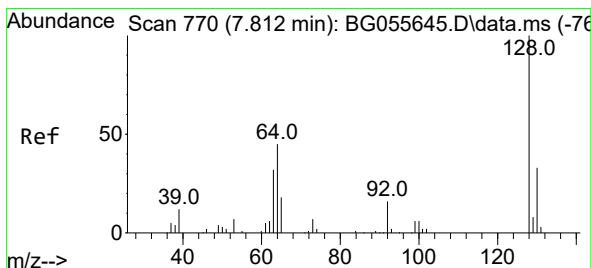
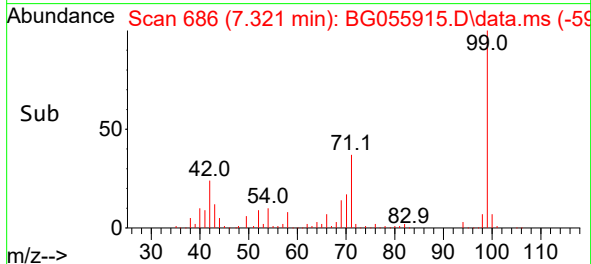
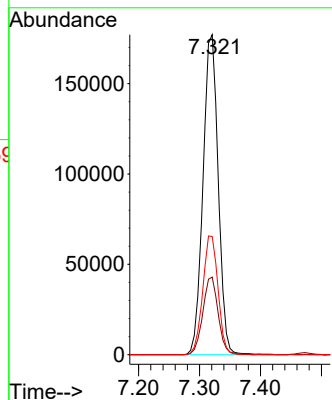
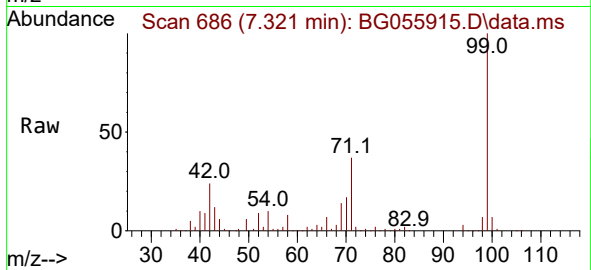




#7
Phenol-d6
Concen: 156.435 ng
RT: 7.321 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

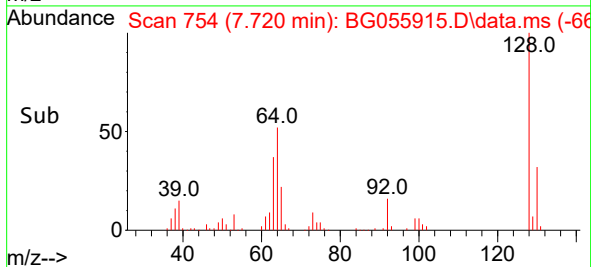
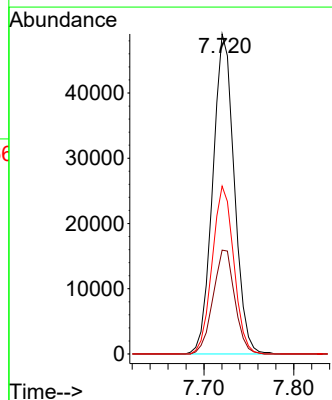
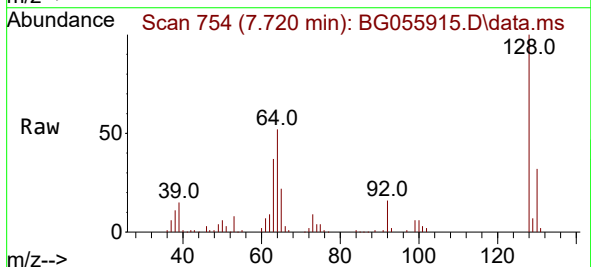
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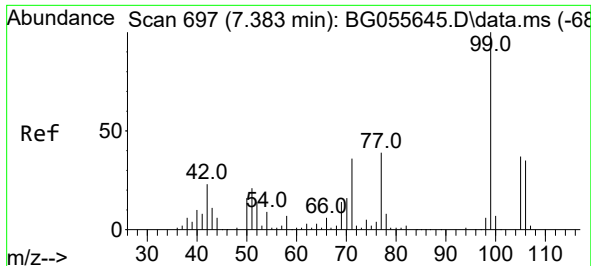
Tgt Ion: 99 Resp: 307847
Ion Ratio Lower Upper
99 100
42 24.2 18.0 27.0
71 36.9 29.0 43.6



#8
2-Chlorophenol
Concen: 48.174 ng
RT: 7.720 min Scan# 754
Delta R.T. -0.007 min
Lab File: BG055915.D
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Tgt Ion: 128 Resp: 81414
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 52.4 30.2 70.2

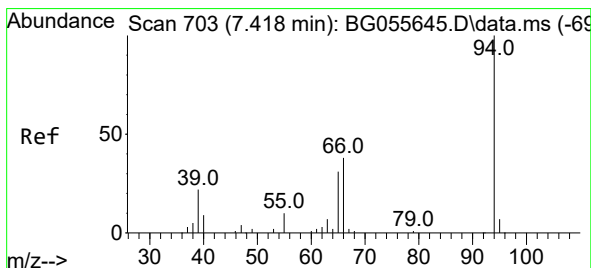
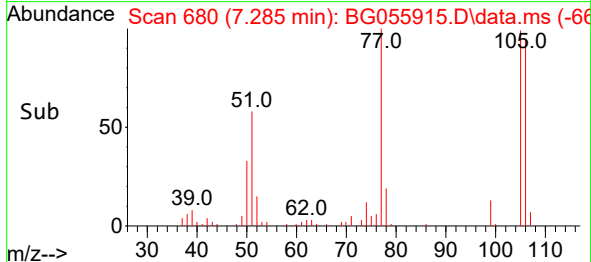
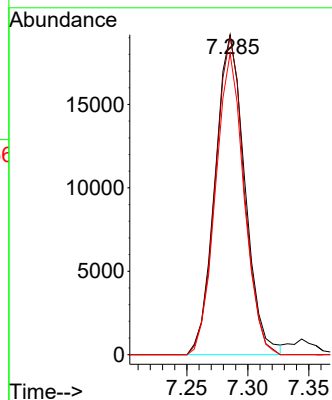
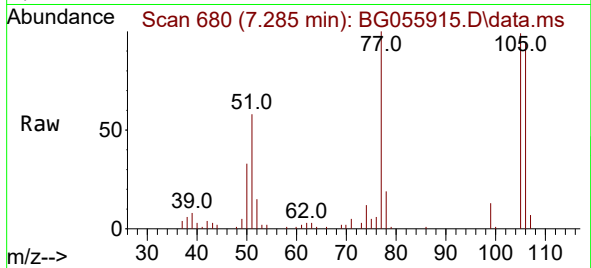




#9
Benzaldehyde
Concen: 24.391 ng
RT: 7.285 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

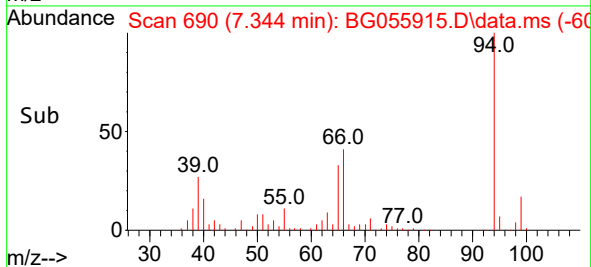
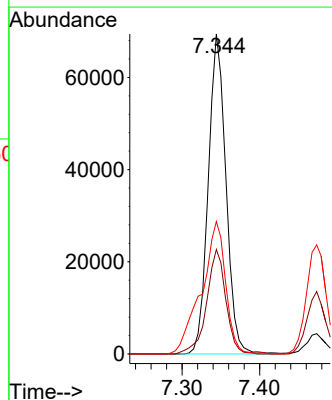
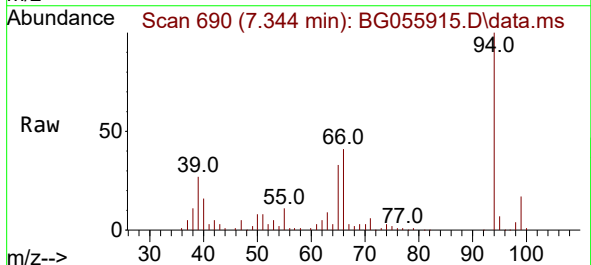
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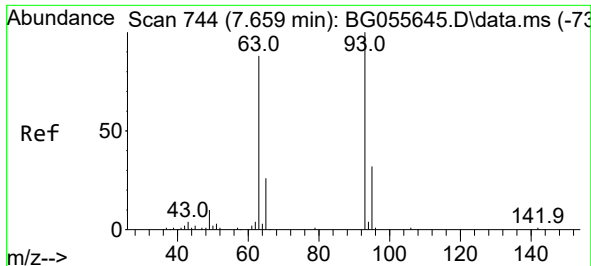
Tgt Ion: 77 Resp: 32597
Ion Ratio Lower Upper
77 100
105 99.3 76.3 116.3
106 94.2 69.8 109.8



#10
Phenol
Concen: 49.890 ng
RT: 7.344 min Scan# 690
Delta R.T. -0.007 min
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Tgt Ion: 94 Resp: 109930
Ion Ratio Lower Upper
94 100
65 32.6 11.8 51.8
66 41.4 20.5 60.5

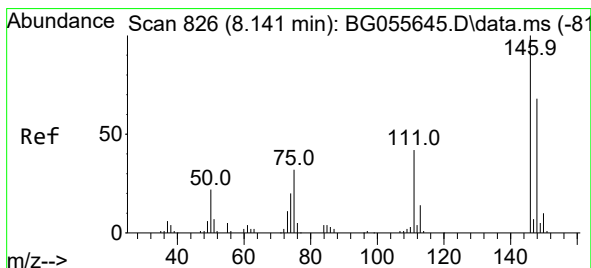
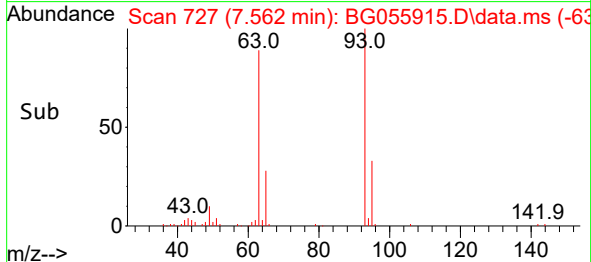
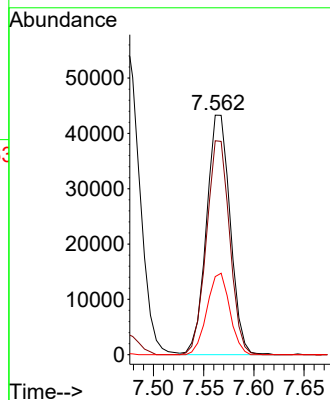
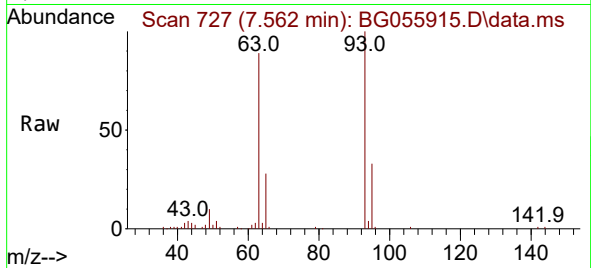




#11
bis(2-Chloroethyl)ether
Concen: 42.305 ng
RT: 7.562 min Scan# 71
Delta R.T. -0.013 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

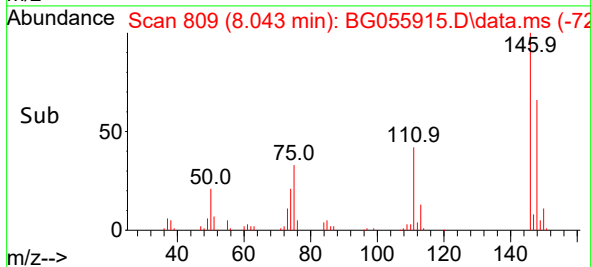
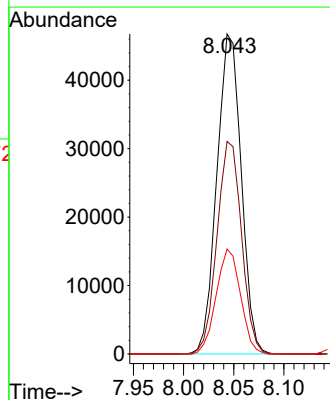
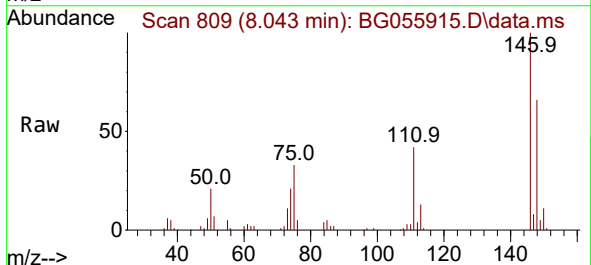
Instrument :
BNA_G
ClientSampleId :
PB149462BS

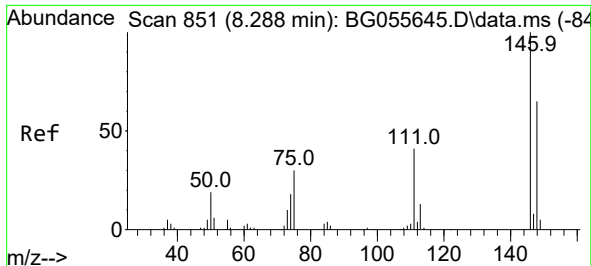
Tgt Ion: 93 Resp: 71436
Ion Ratio Lower Upper
93 100
63 89.3 67.6 107.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.786 ng
RT: 8.043 min Scan# 809
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:146 Resp: 79052
Ion Ratio Lower Upper
146 100
148 66.4 54.6 81.8
75 32.8 25.8 38.6

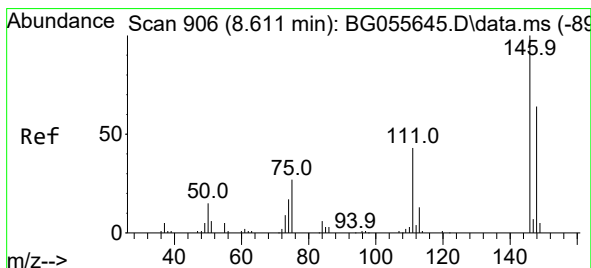
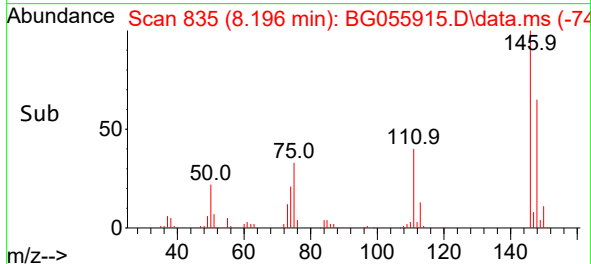
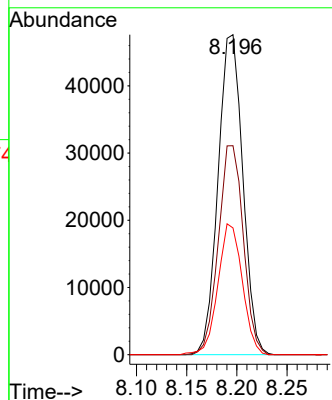
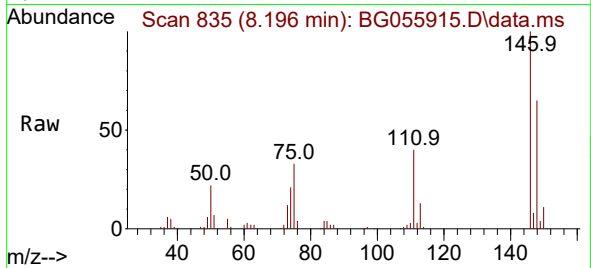




#13
1,4-Dichlorobenzene
Concen: 40.627 ng
RT: 8.196 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

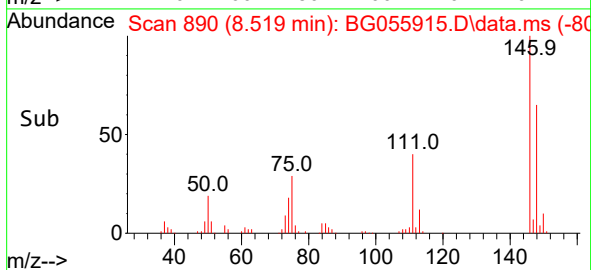
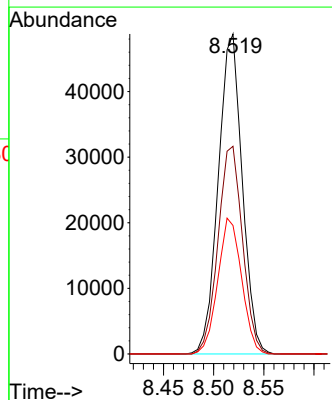
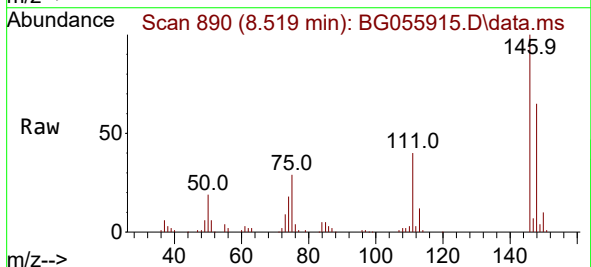
Instrument :
BNA_G
ClientSampleId :
PB149462BS

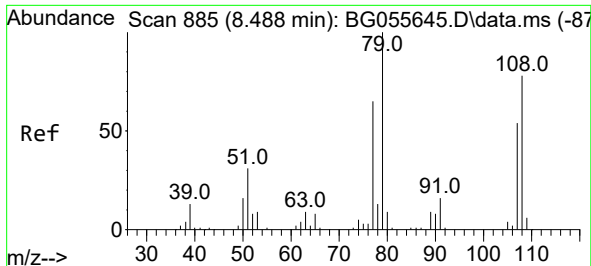
Tgt Ion:146 Resp: 81572
Ion Ratio Lower Upper
146 100
148 65.3 52.1 78.1
111 39.6 33.0 49.4



#14
1,2-Dichlorobenzene
Concen: 42.008 ng
RT: 8.519 min Scan# 890
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:146 Resp: 80824
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 40.2 34.5 51.7

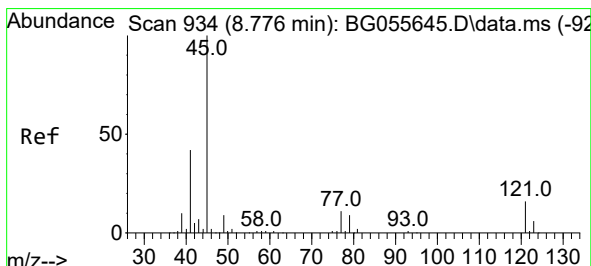
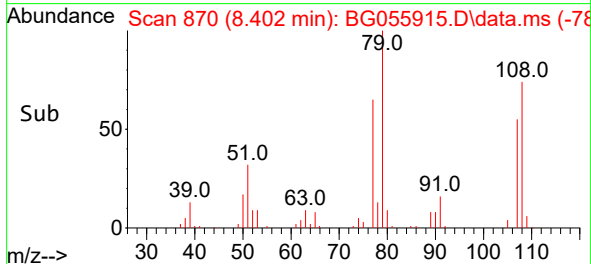
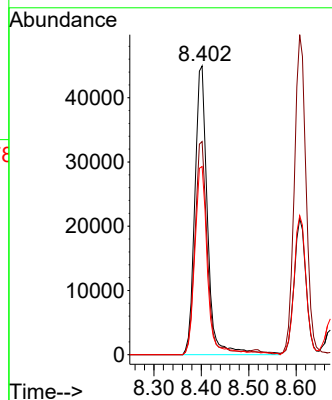
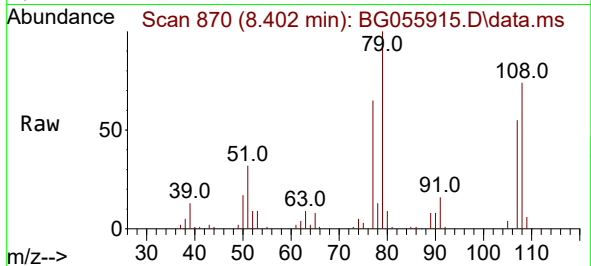




#15
Benzyl Alcohol
Concen: 52.387 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

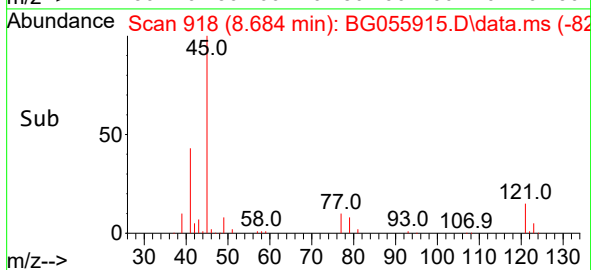
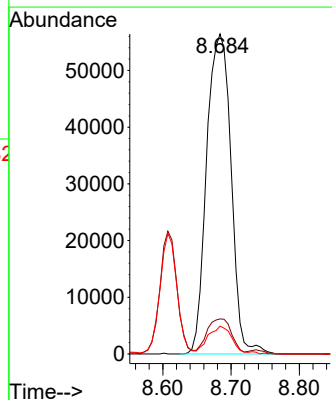
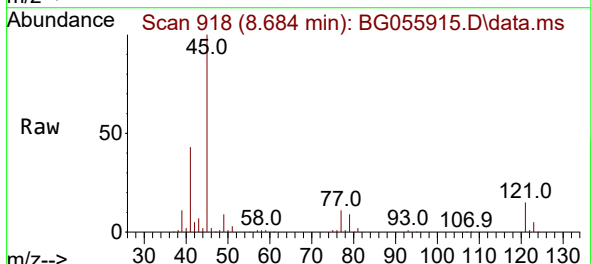
Instrument :
BNA_G
ClientSampleId :
PB149462BS

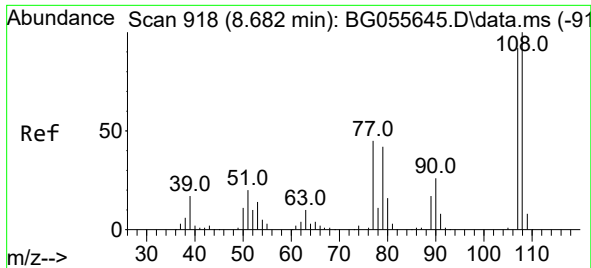
Tgt Ion: 79 Resp: 83784
Ion Ratio Lower Upper
79 100
108 73.8 62.6 93.8
77 65.2 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.016 ng
RT: 8.684 min Scan# 918
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

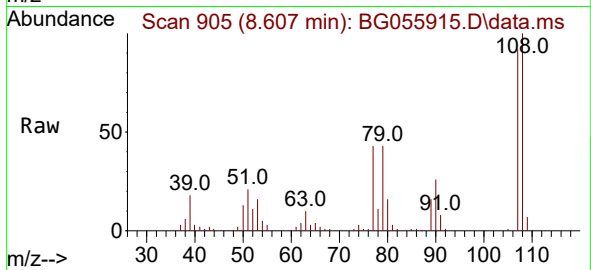
Tgt Ion: 45 Resp: 140665
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.7
79 8.7 0.0 29.5



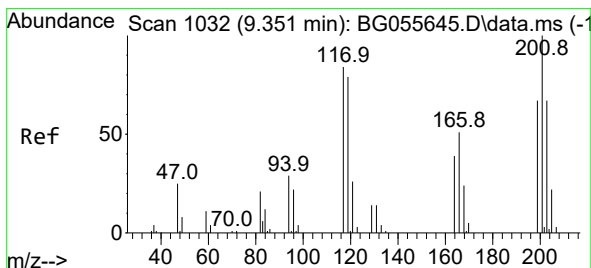
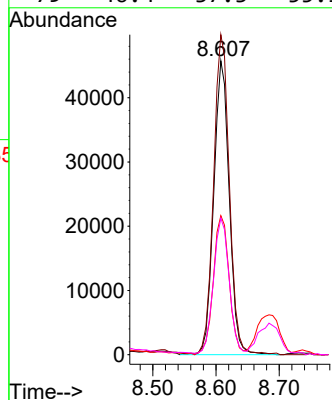
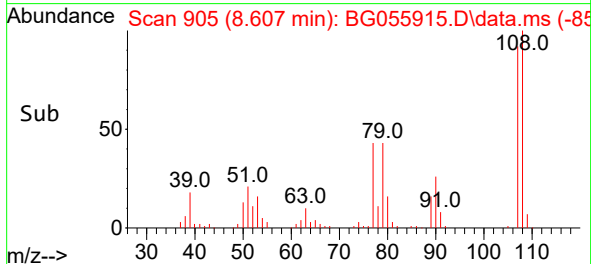


#17
2-Methylphenol
Concen: 49.955 ng
RT: 8.607 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

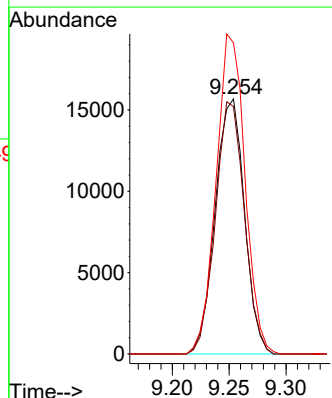
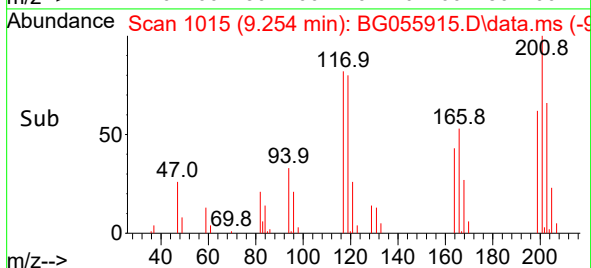
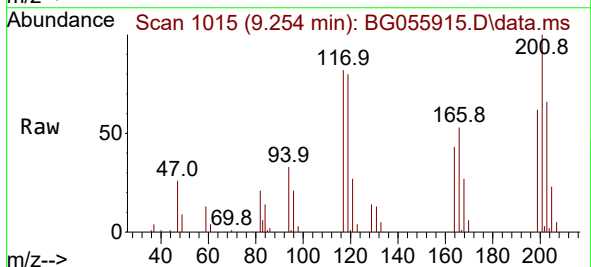


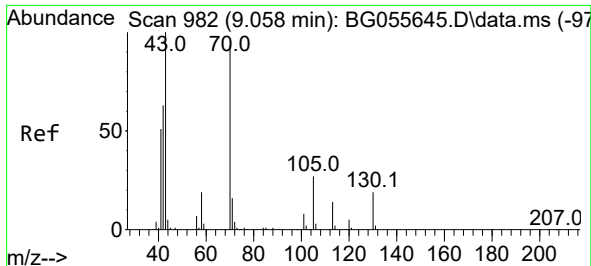
Tgt Ion:	107	Resp:	78148
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.3	130.9
77	47.3	39.4	59.0
79	46.4	37.3	55.9



#18
Hexachloroethane
Concen: 40.619 ng
RT: 9.254 min Scan# 1015
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:	117	Resp:	28070
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.0	114.0
201	122.0	98.6	148.0

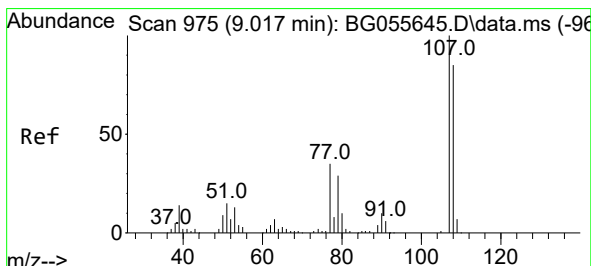
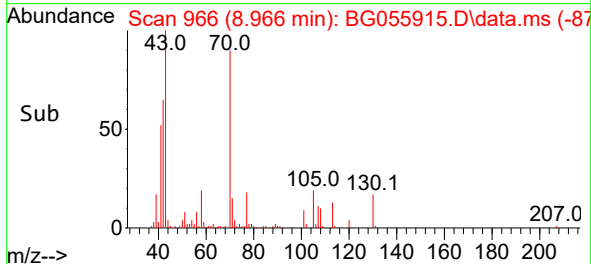
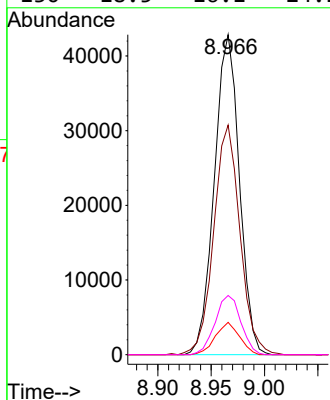
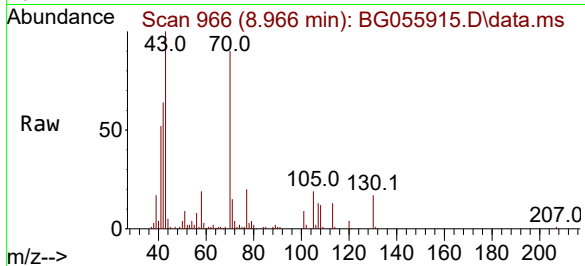




#19
n-Nitroso-di-n-propylamine
Concen: 46.262 ng
RT: 8.966 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

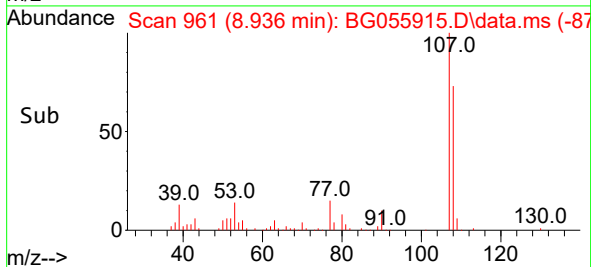
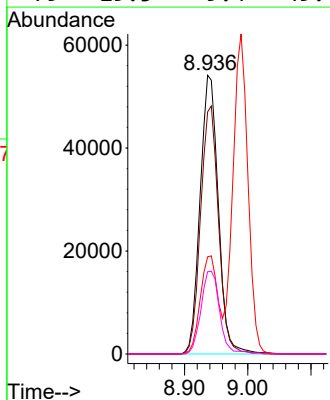
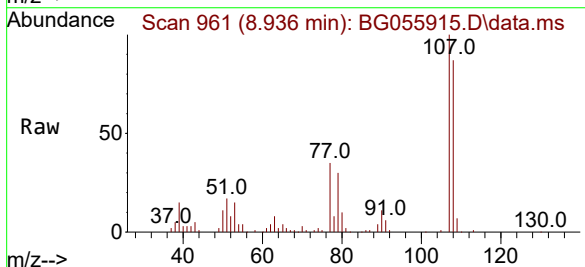
Instrument :
BNA_G
ClientSampleId :
PB149462BS

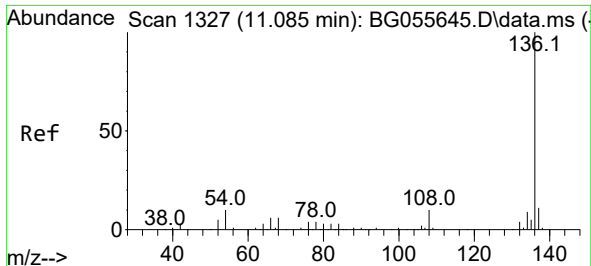
Tgt Ion: 70 Resp: 69948
Ion Ratio Lower Upper
70 100
42 71.8 55.2 82.8
101 10.1 7.1 10.7
130 18.5 16.1 24.1



#20
3+4-Methylphenols
Concen: 49.427 ng
RT: 8.936 min Scan# 961
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 107 Resp: 108012
Ion Ratio Lower Upper
107 100
108 86.9 65.5 105.5
77 34.9 14.6 54.6
79 29.5 9.4 49.4

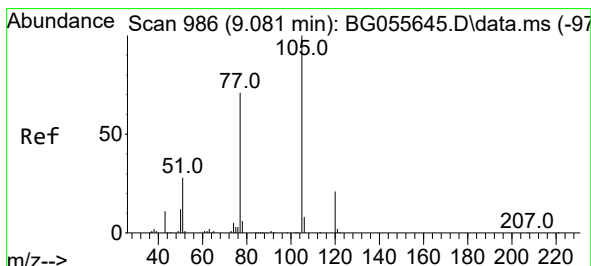
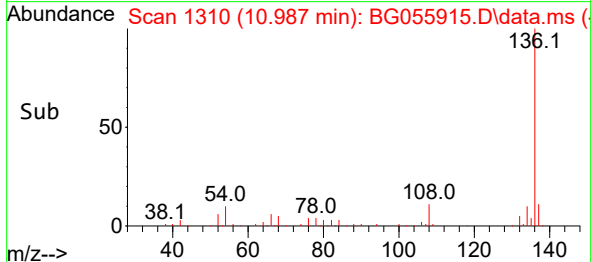
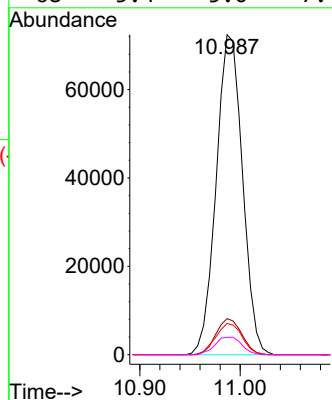
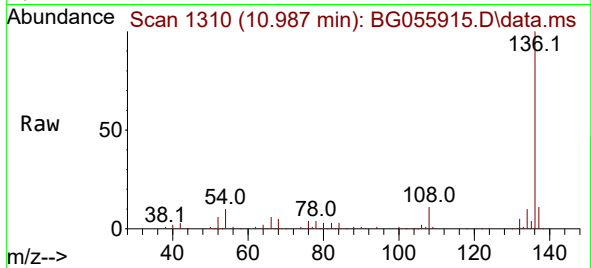




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

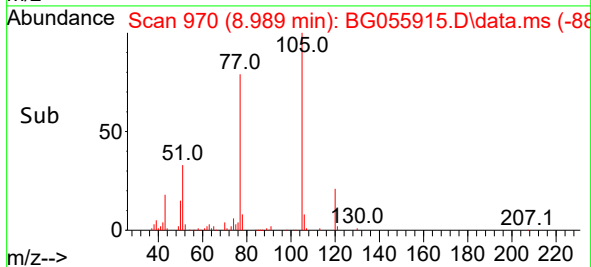
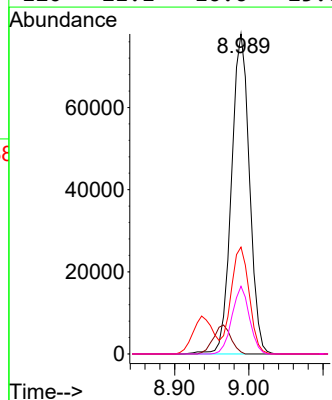
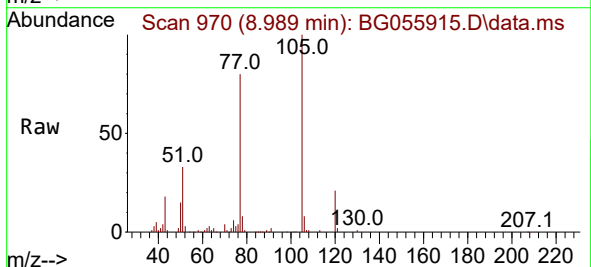
Instrument :
BNA_G
ClientSampleId :
PB149462BS

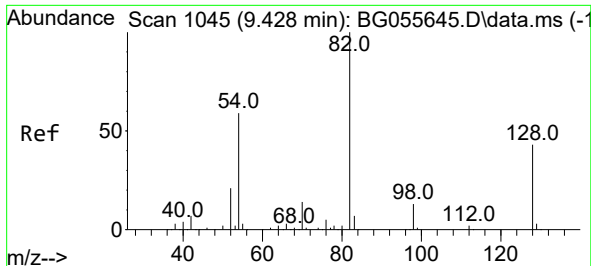
Tgt Ion:	136	Resp:	131705
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.7	7.8	11.6
68	5.4	5.0	7.4



#22
Acetophenone
Concen: 38.318 ng
RT: 8.989 min Scan# 970
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:	105	Resp:	131138
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.6	1.0
51	33.4	24.5	36.7
120	21.1	16.6	25.0





#23
Nitrobenzene-d5
Concen: 77.209 ng
RT: 9.336 min Scan# 1036
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

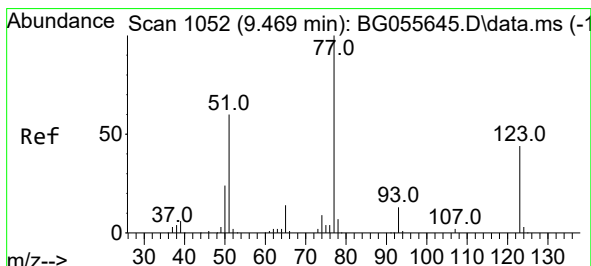
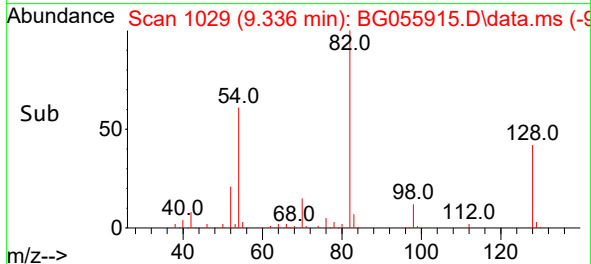
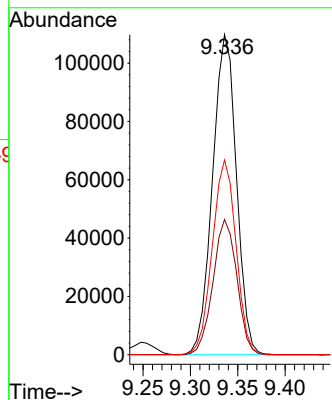
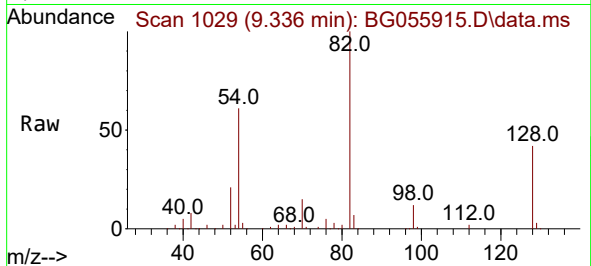
Instrument :

BNA_G

ClientSampleId :

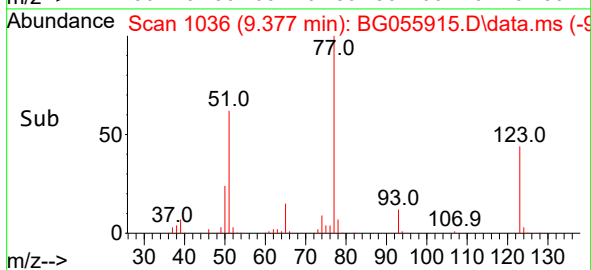
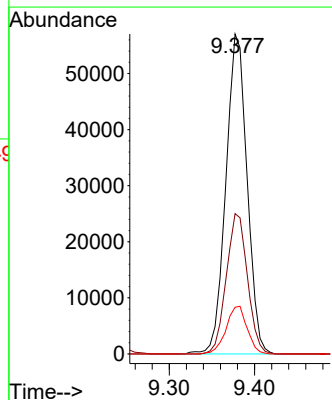
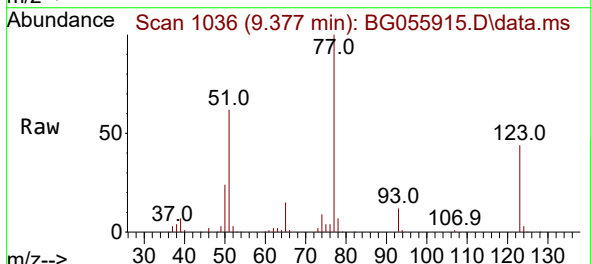
PB149462BS

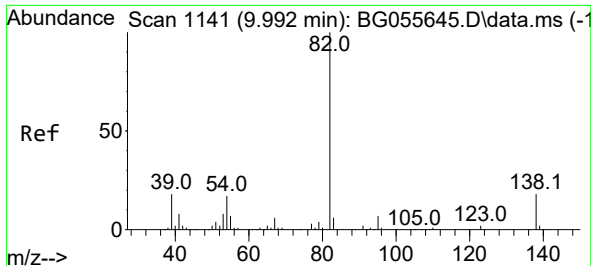
Tgt Ion: 82 Resp: 192392
Ion Ratio Lower Upper
82 100
128 42.2 34.1 51.1
54 60.8 47.3 70.9



#24
Nitrobenzene
Concen: 37.870 ng
RT: 9.377 min Scan# 1036
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 77 Resp: 98567
Ion Ratio Lower Upper
77 100
123 43.9 35.5 53.3
65 14.6 11.5 17.3

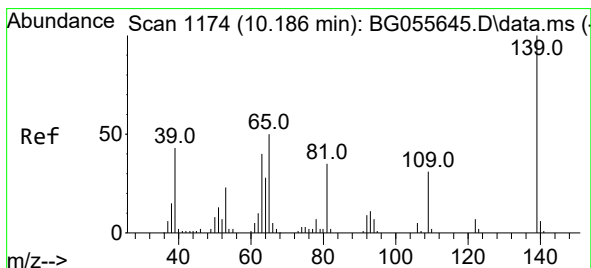
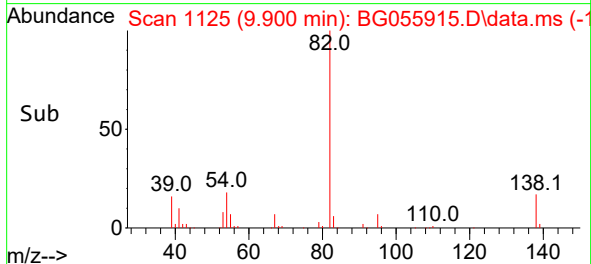
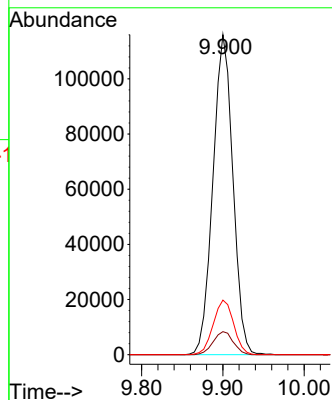
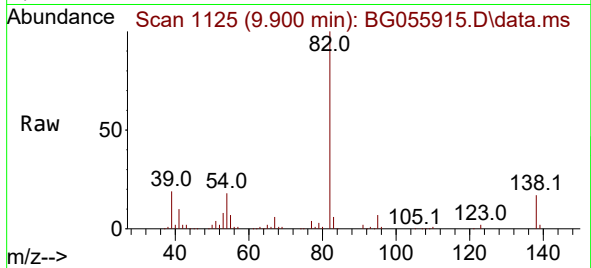




#25
Isophorone
Concen: 41.945 ng
RT: 9.900 min Scan# 1141
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

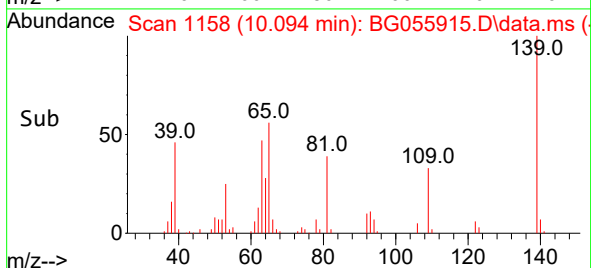
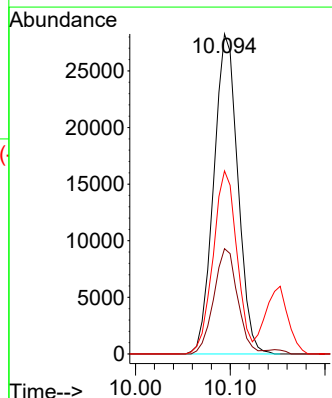
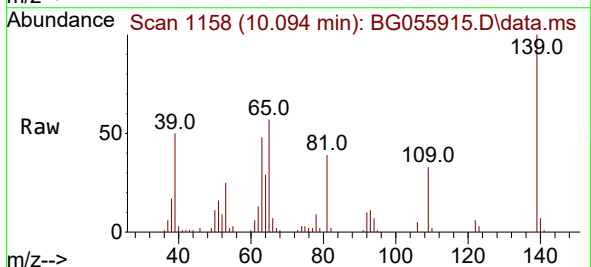
Instrument :
BNA_G
ClientSampleId :
PB149462BS

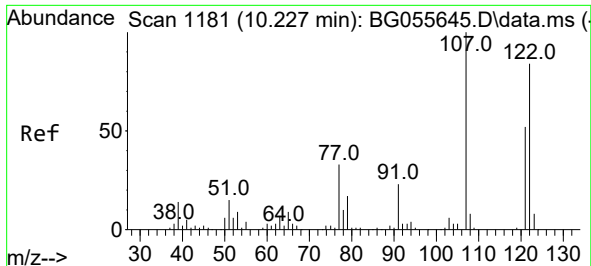
Tgt Ion: 82 Resp: 198036
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.1 14.2 21.4



#26
2-Nitrophenol
Concen: 41.506 ng
RT: 10.094 min Scan# 1158
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 139 Resp: 49871
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 57.2 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 46.184 ng

RT: 10.147 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

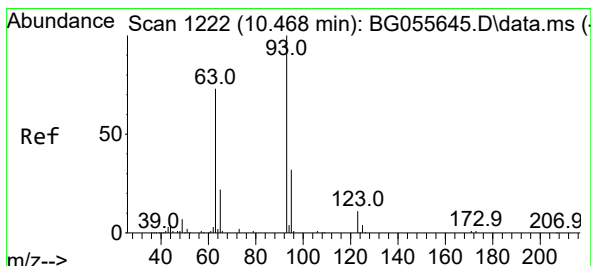
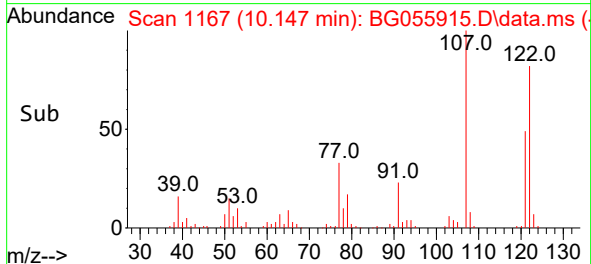
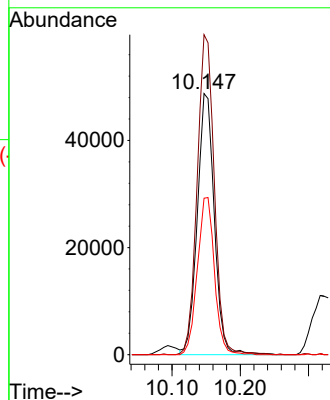
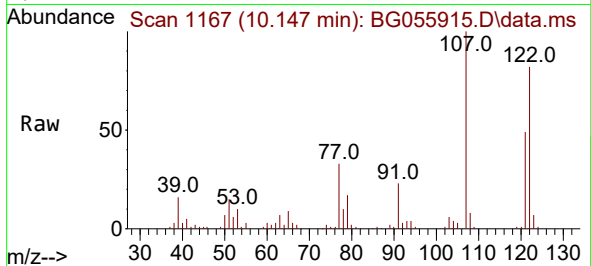
Tgt Ion:122 Resp: 84455

Ion Ratio Lower Upper

122 100

107 122.5 95.8 143.6

121 59.9 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.544 ng

RT: 10.376 min Scan# 1206

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

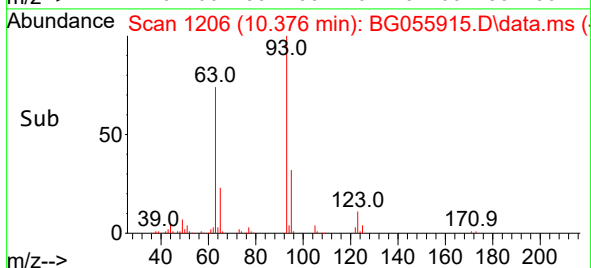
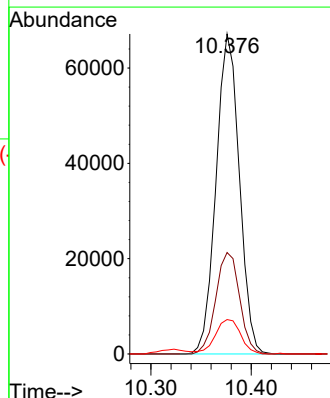
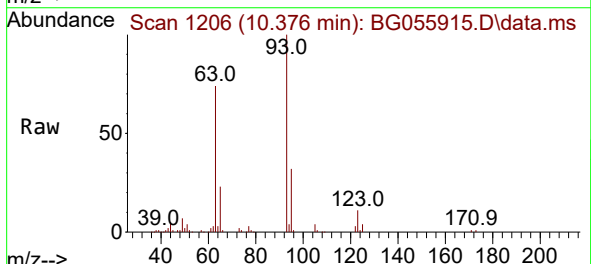
Tgt Ion: 93 Resp: 107833

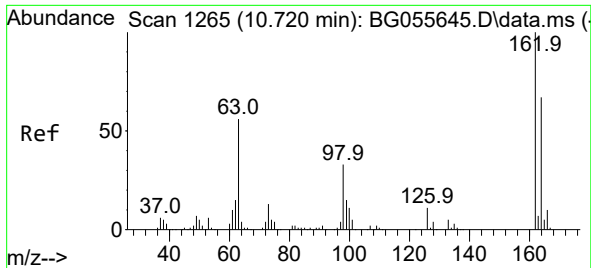
Ion Ratio Lower Upper

93 100

95 31.7 25.7 38.5

123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.160 ng

RT: 10.640 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

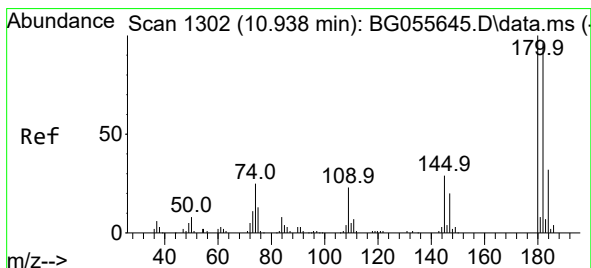
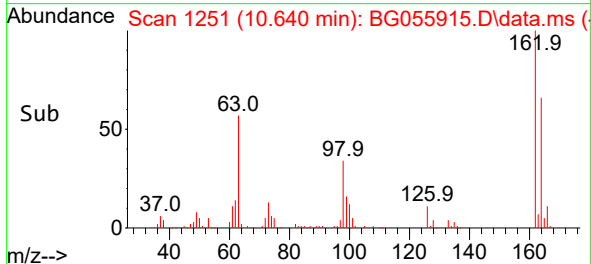
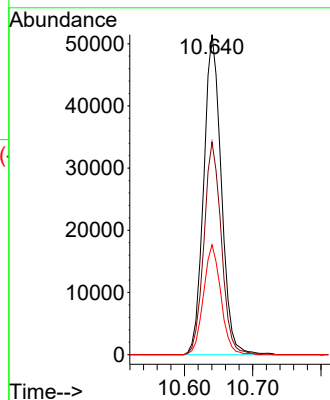
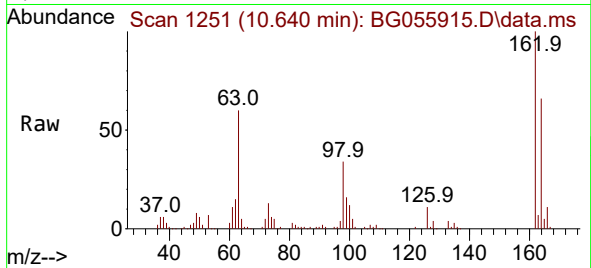
Tgt Ion:162 Resp: 92279

Ion Ratio Lower Upper

162 100

164 66.4 46.7 86.7

98 34.3 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 34.915 ng

RT: 10.846 min Scan# 1286

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

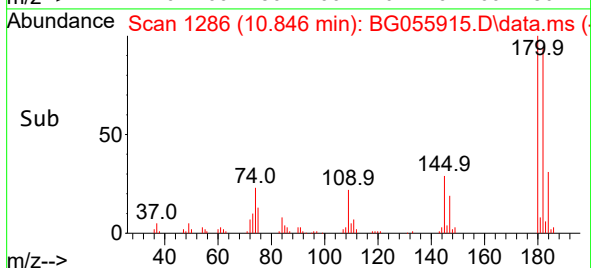
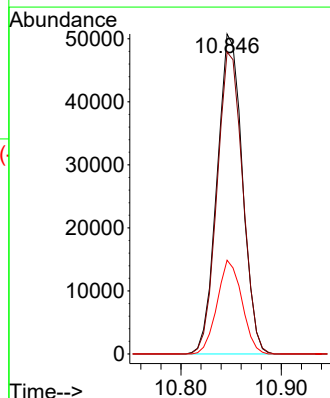
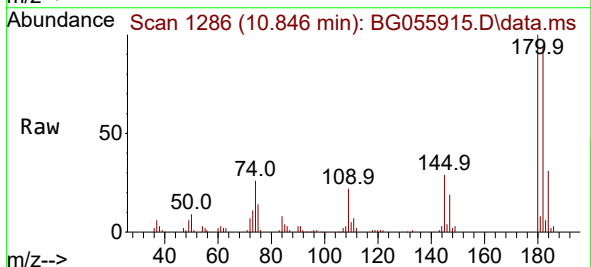
Tgt Ion:180 Resp: 88783

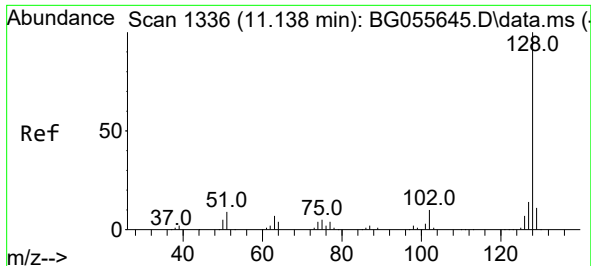
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

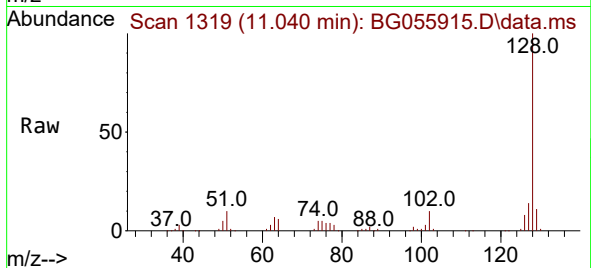
145 29.3 22.9 34.3



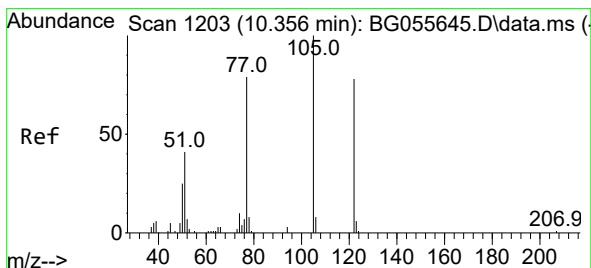
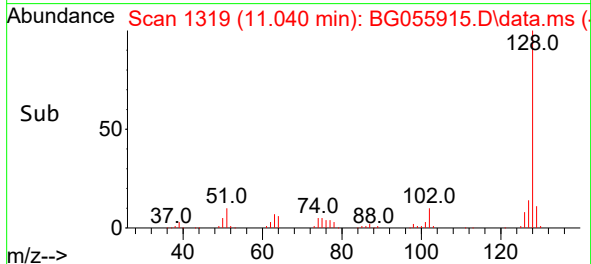
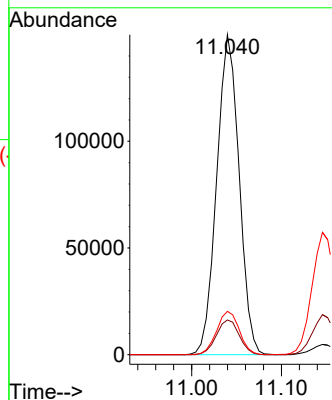


#31
Naphthalene
Concen: 36.495 ng
RT: 11.040 min Scan# 1196
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

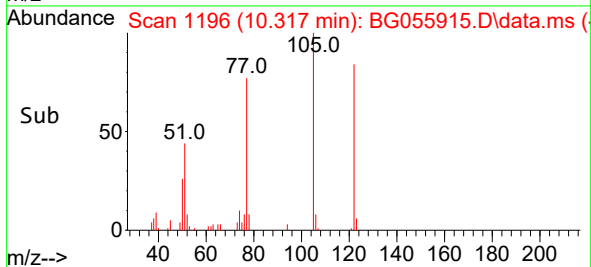
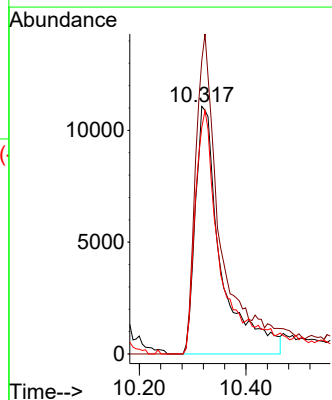
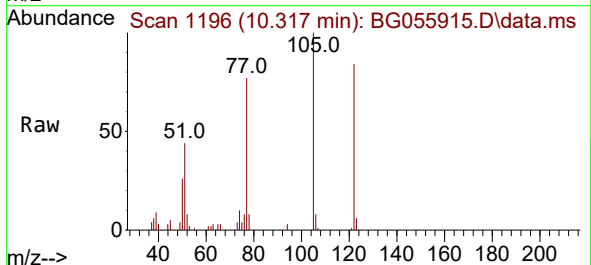


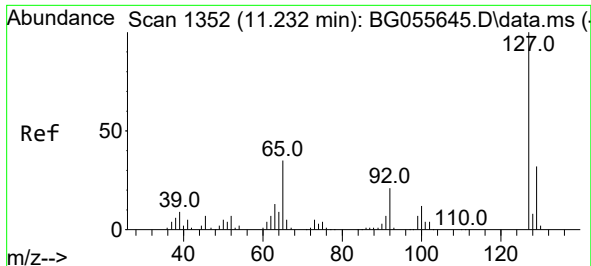
Tgt Ion:128 Resp: 259835
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 24.605 ng
RT: 10.317 min Scan# 1196
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:122 Resp: 37019
Ion Ratio Lower Upper
122 100
105 118.6 104.3 144.3
77 91.6 79.9 119.9

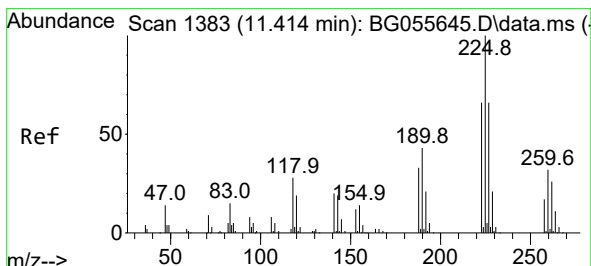
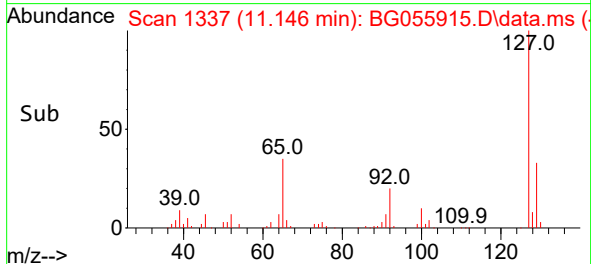
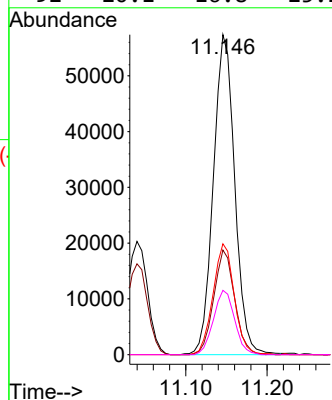
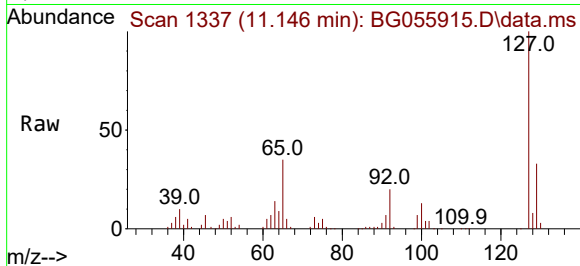




#33
4-Chloroaniline
Concen: 35.773 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

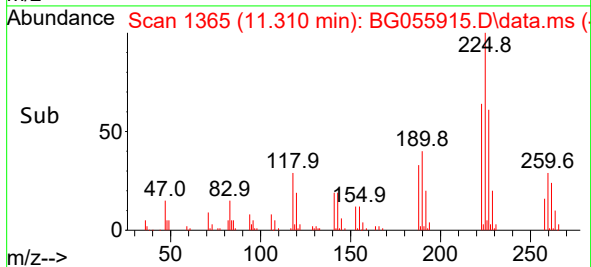
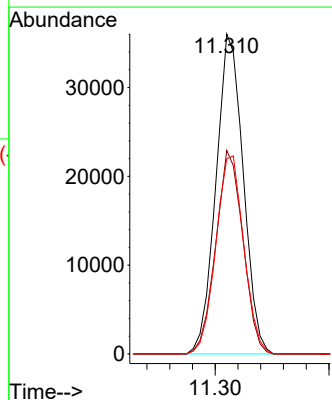
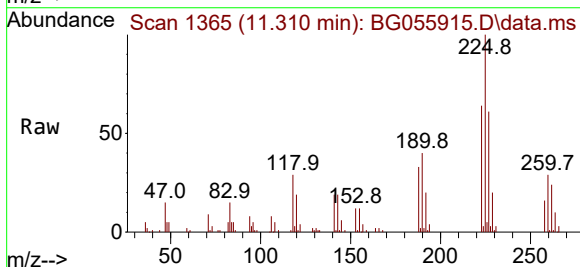
Instrument :
BNA_G
ClientSampleId :
PB149462BS

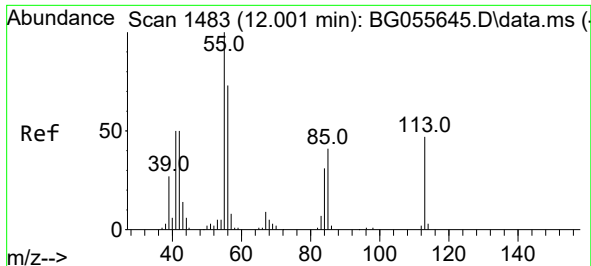
Tgt Ion:	127	Resp:	105065
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	34.6	27.9	41.9
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.561 ng
RT: 11.310 min Scan# 1365
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:	225	Resp:	60010
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.9	79.3
227	61.0	52.6	79.0

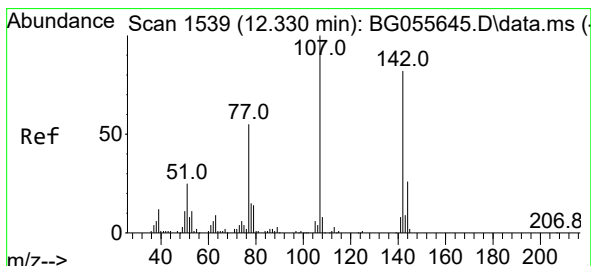
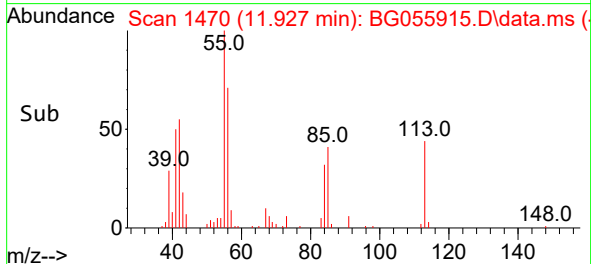
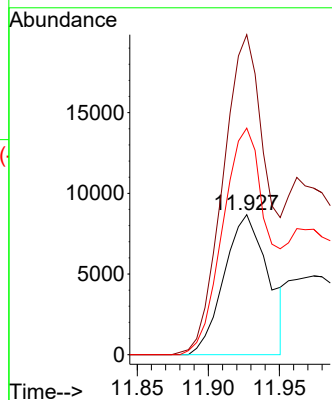
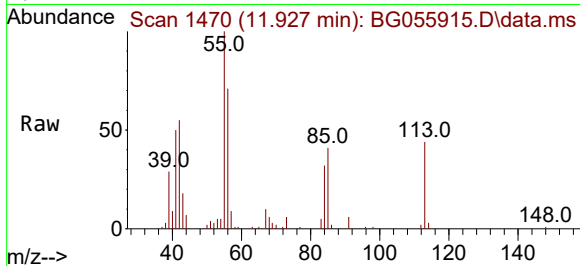




#35
 Caprolactam
 Concen: 24.669 ng
 RT: 11.927 min Scan# 1483
 Delta R.T. -0.007 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

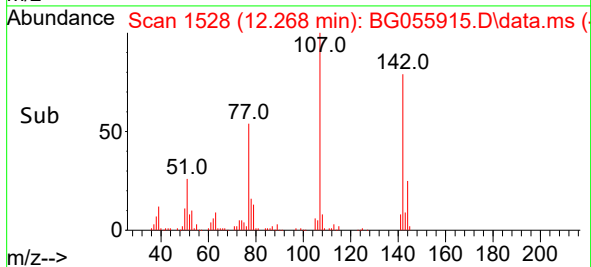
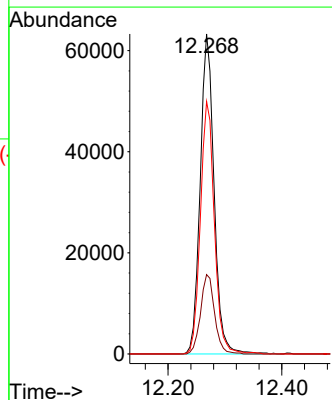
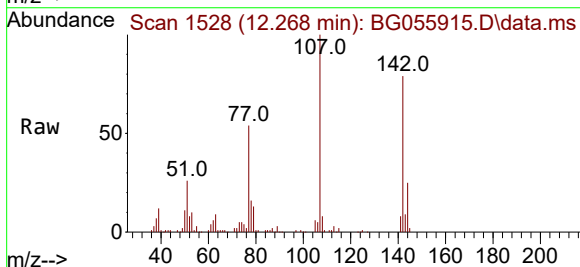
Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS

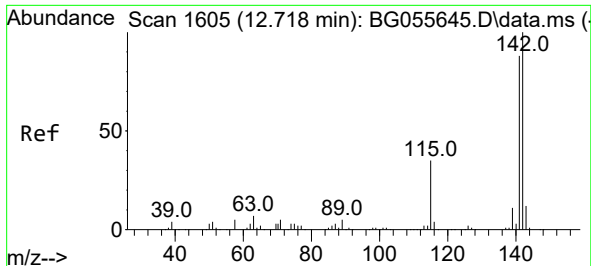
Tgt Ion:113 Resp: 18685
 Ion Ratio Lower Upper
 113 100
 55 228.5 193.5 233.5
 56 161.7 135.2 175.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.610 ng
 RT: 12.268 min Scan# 1528
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Tgt Ion:107 Resp: 107317
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.0 31.4
 142 78.9 65.9 98.9

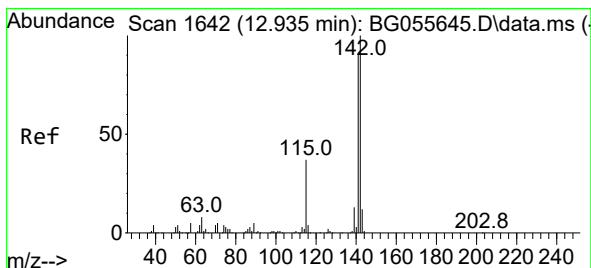
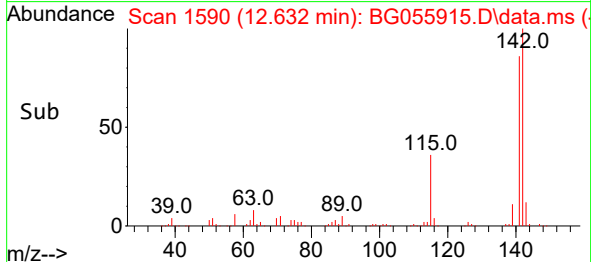
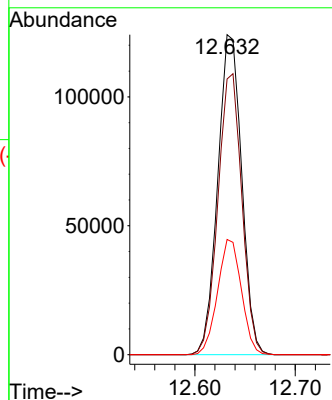
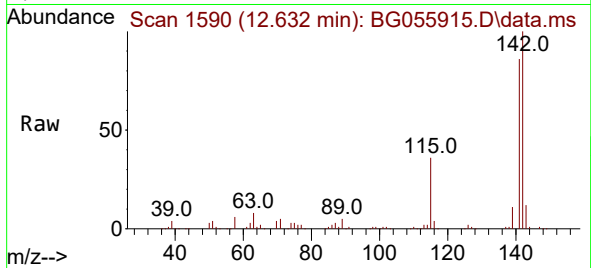




#37
2-Methylnaphthalene
Concen: 38.598 ng
RT: 12.632 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

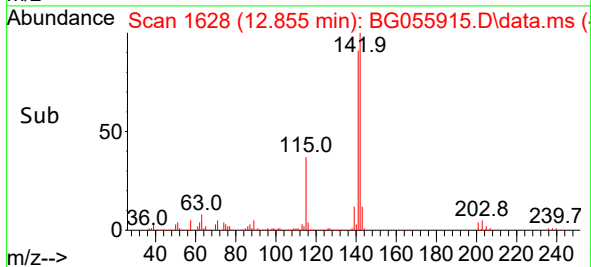
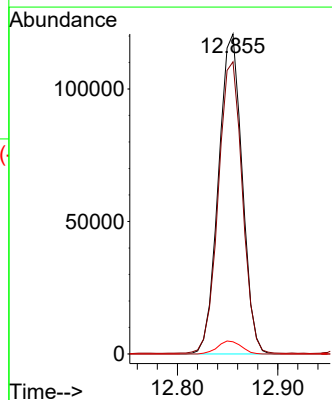
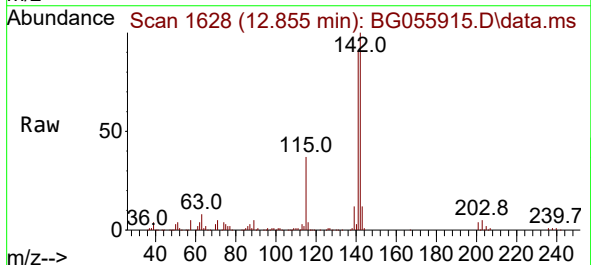
Instrument :
BNA_G
ClientSampleId :
PB149462BS

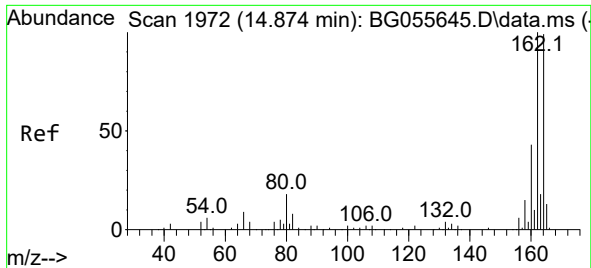
Tgt Ion:142 Resp: 205764
Ion Ratio Lower Upper
142 100
141 86.1 70.3 105.5
115 36.0 27.9 41.9



#38
1-Methylnaphthalene
Concen: 38.154 ng
RT: 12.855 min Scan# 1628
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:142 Resp: 197454
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4
116 3.8 3.1 4.7

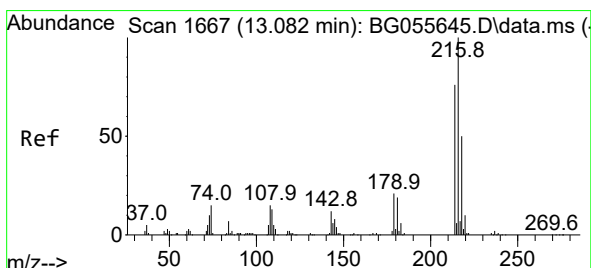
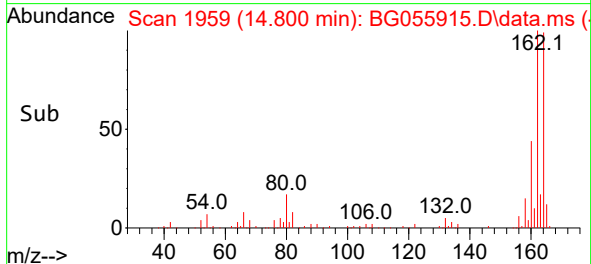
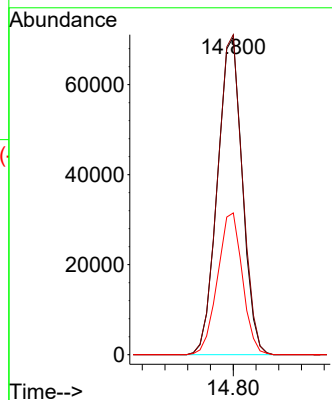
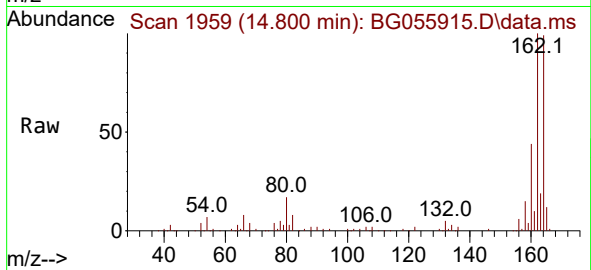




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.800 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

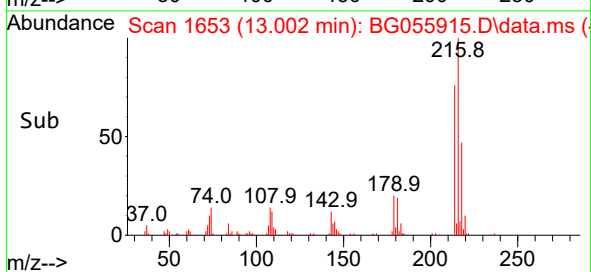
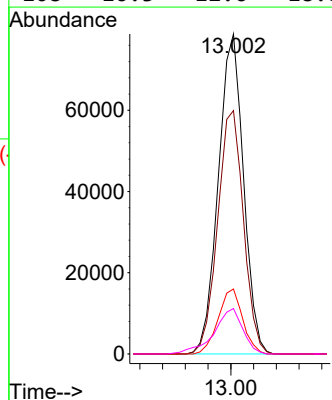
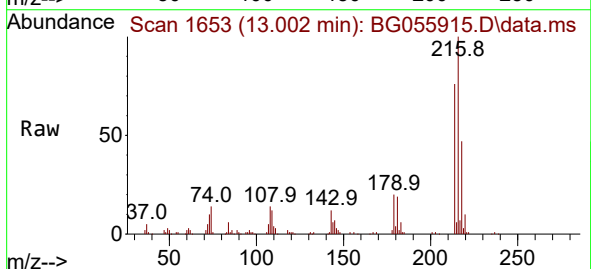
Instrument :
BNA_G
ClientSampleId :
PB149462BS

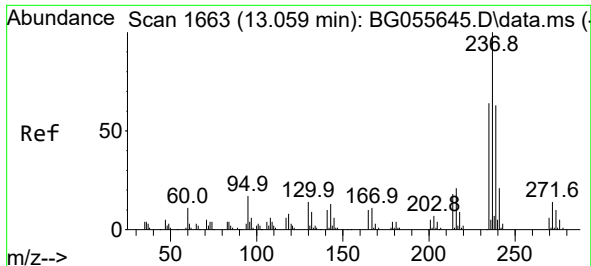
Tgt Ion:164 Resp: 107102
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 44.7 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.949 ng
RT: 13.002 min Scan# 1653
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

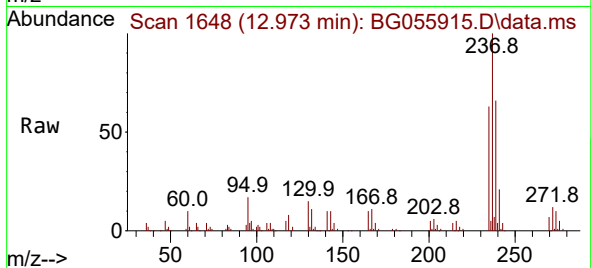
Tgt Ion:216 Resp: 120995
Ion Ratio Lower Upper
216 100
214 78.0 62.1 93.1
179 19.7 16.5 24.7
108 16.3 12.6 18.8



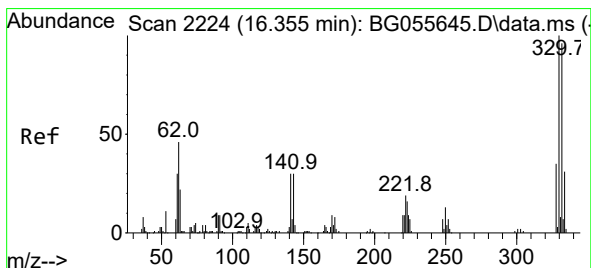
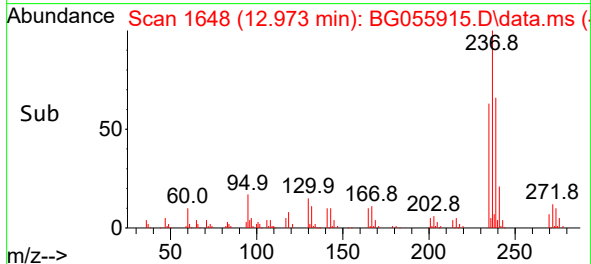
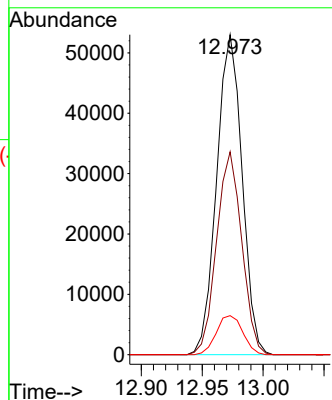


#41
Hexachlorocyclopentadiene
Concen: 45.424 ng
RT: 12.973 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Instrument :
BNA_G
ClientSampleId :
PB149462BS

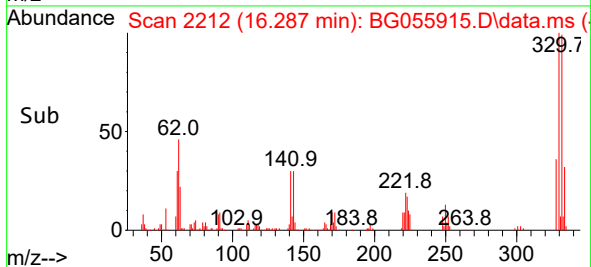
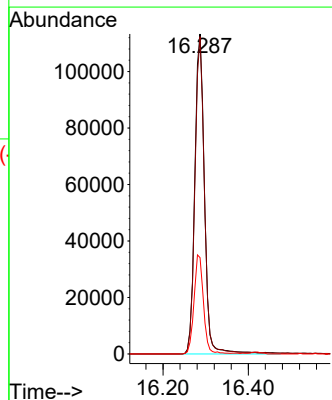
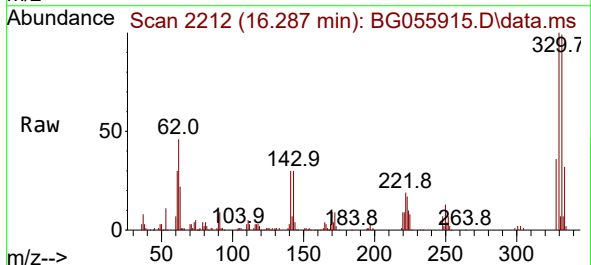


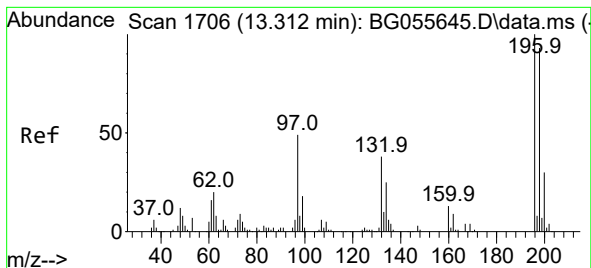
Tgt Ion:237 Resp: 77054
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 12.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 118.489 ng
RT: 16.287 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:330 Resp: 178698
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 30.2 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 34.552 ng

RT: 13.243 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

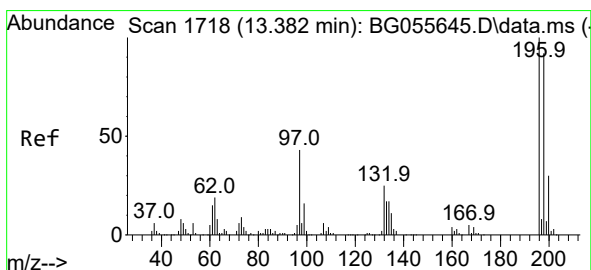
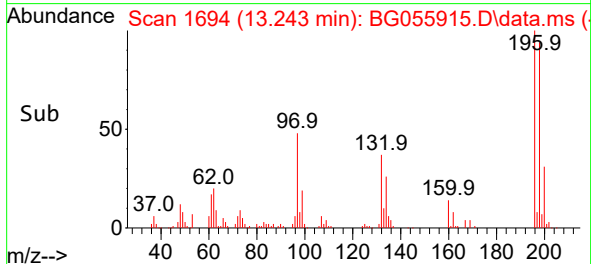
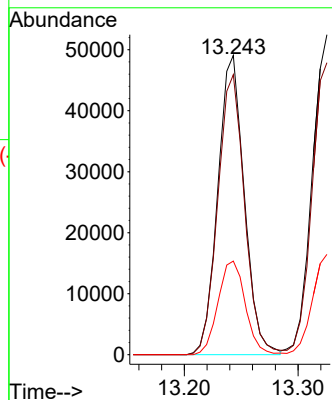
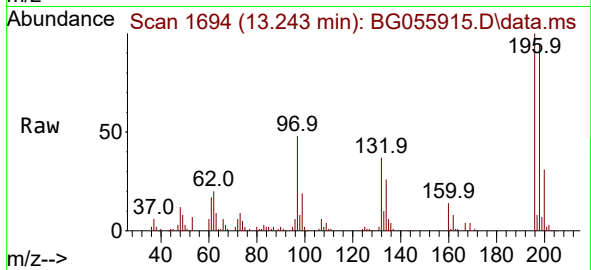
Tgt Ion:196 Resp: 79329

Ion Ratio Lower Upper

196 100

198 93.6 74.6 112.0

200 31.3 23.7 35.5



#44

2,4,5-Trichlorophenol

Concen: 35.171 ng

RT: 13.325 min Scan# 1708

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Tgt Ion:196 Resp: 88737

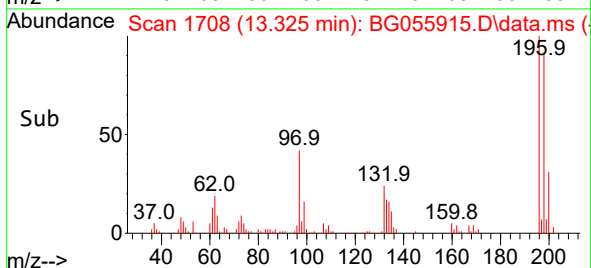
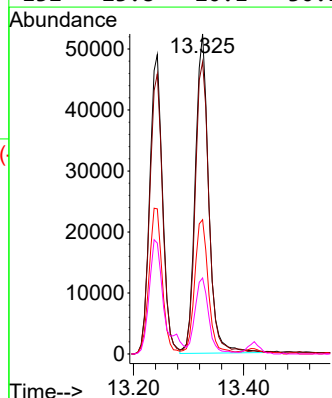
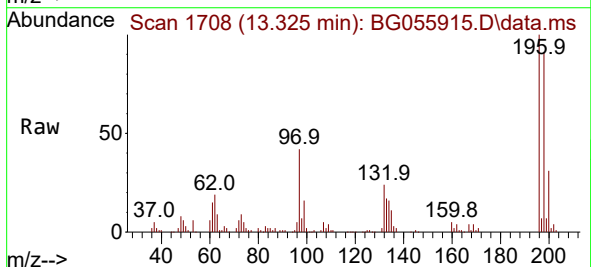
Ion Ratio Lower Upper

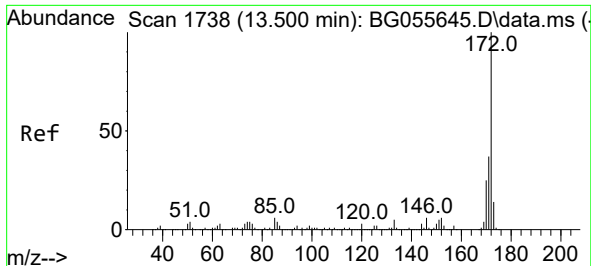
196 100

198 91.2 74.1 111.1

97 41.9 34.8 52.2

132 23.8 20.1 30.1

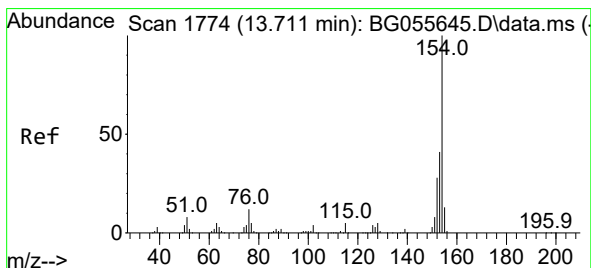
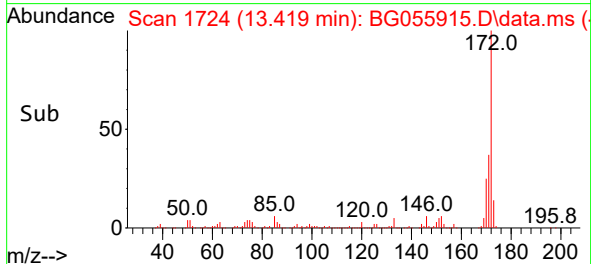
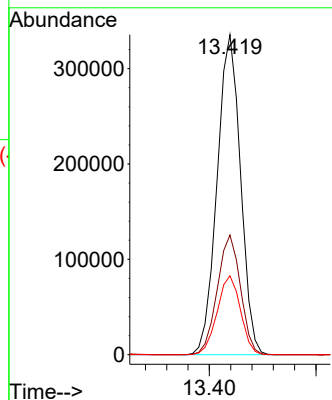
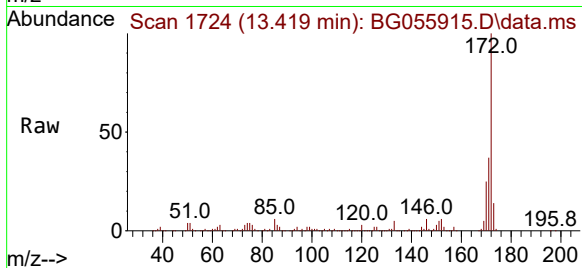




#45
2-Fluorobiphenyl
Concen: 71.491 ng
RT: 13.419 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

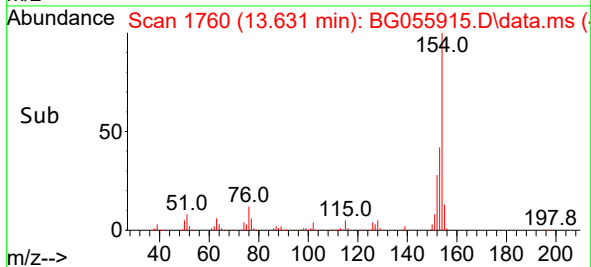
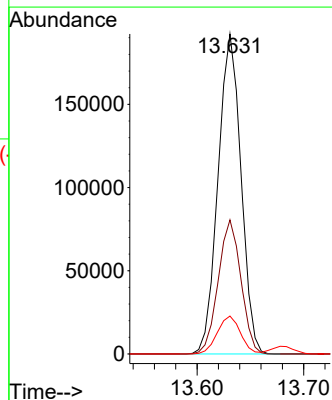
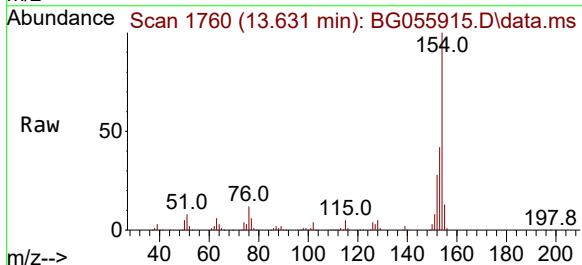
Instrument :
BNA_G
ClientSampleId :
PB149462BS

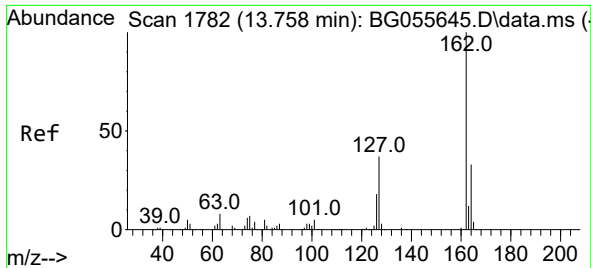
Tgt Ion:172 Resp: 511091
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 24.7 20.2 30.4



#46
1,1'-Biphenyl
Concen: 36.735 ng
RT: 13.631 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:154 Resp: 286708
Ion Ratio Lower Upper
154 100
153 41.9 20.6 60.6
76 11.9 0.0 32.4

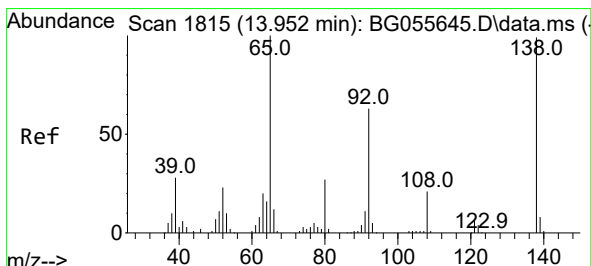
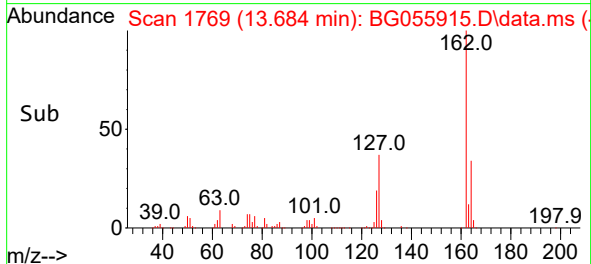
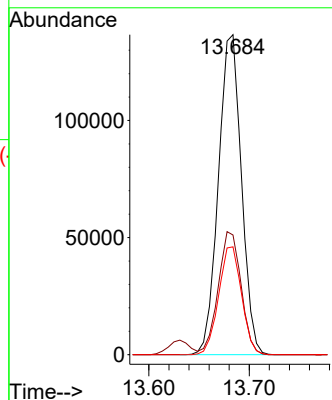
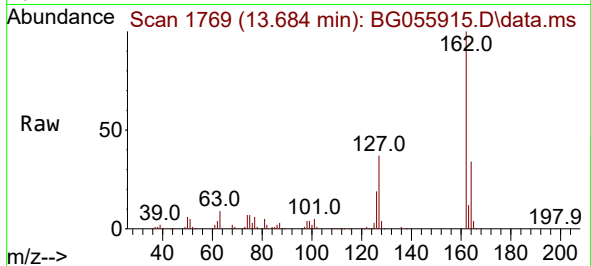




#47
2-Chloronaphthalene
Concen: 35.813 ng
RT: 13.684 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

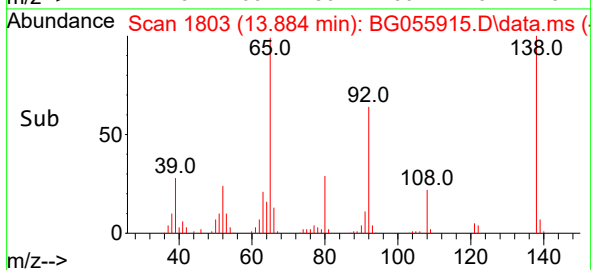
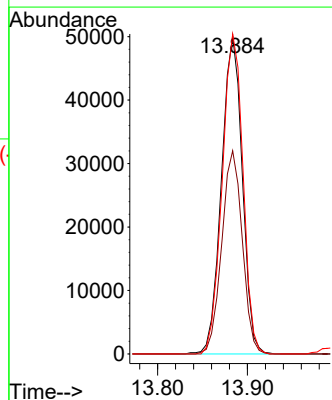
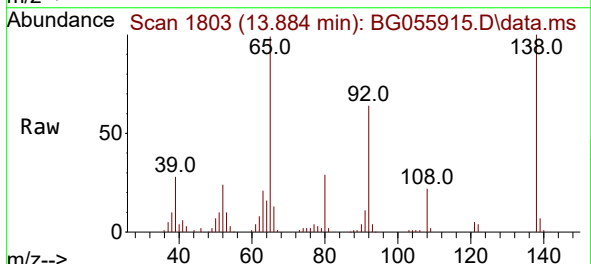
Instrument :
BNA_G
ClientSampleId :
PB149462BS

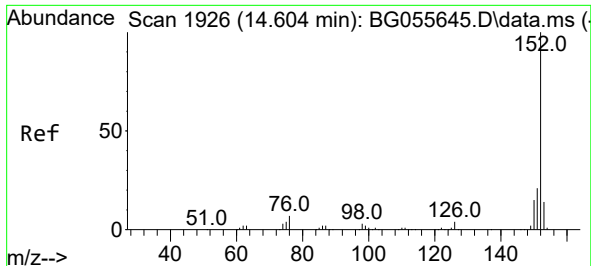
Tgt Ion:162 Resp: 217256
Ion Ratio Lower Upper
162 100
127 37.4 29.9 44.9
164 33.7 26.4 39.6



#48
2-Nitroaniline
Concen: 40.336 ng
RT: 13.884 min Scan# 1803
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion: 65 Resp: 80449
Ion Ratio Lower Upper
65 100
92 63.9 50.1 75.1
138 100.6 79.4 119.0

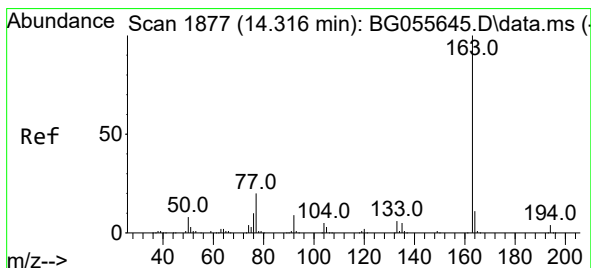
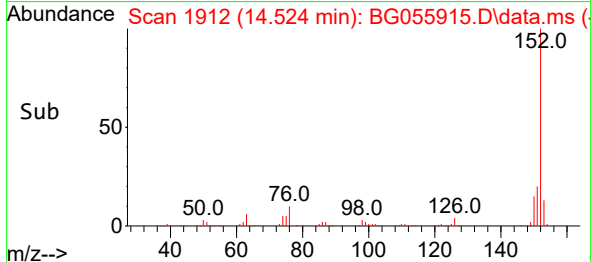
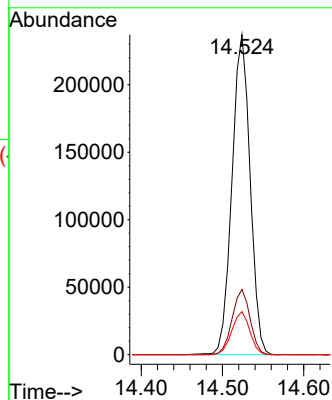
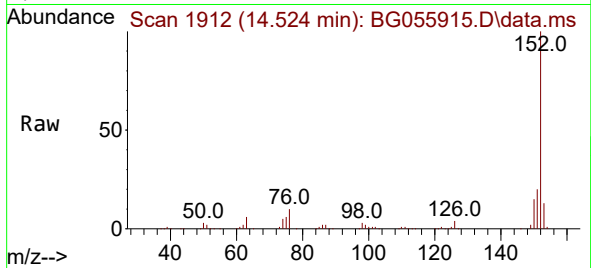




#49
Acenaphthylene
Concen: 36.680 ng
RT: 14.524 min Scan# 1926
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

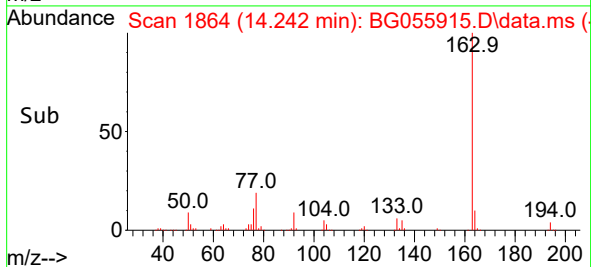
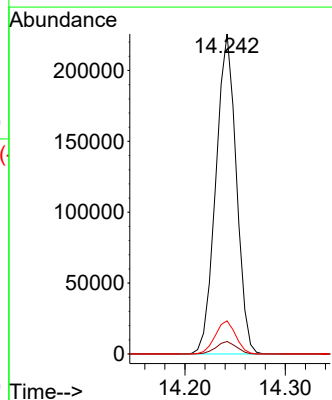
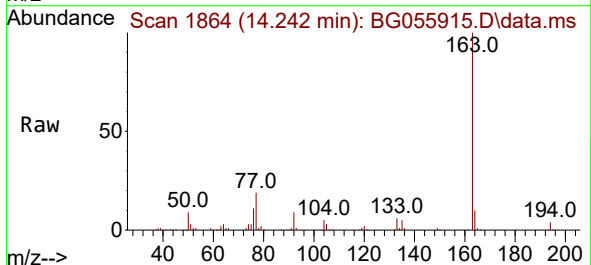
Instrument :
BNA_G
ClientSampleId :
PB149462BS

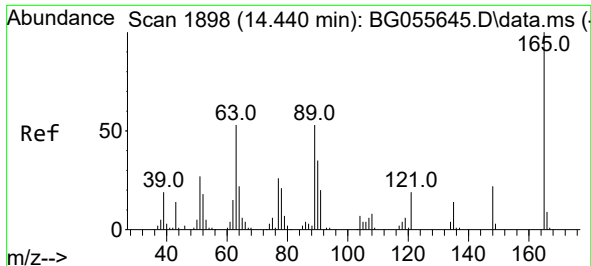
Tgt Ion:152 Resp: 366420
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 11.0 16.4



#50
Dimethylphthalate
Concen: 37.391 ng
RT: 14.242 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:163 Resp: 319238
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.6 12.8

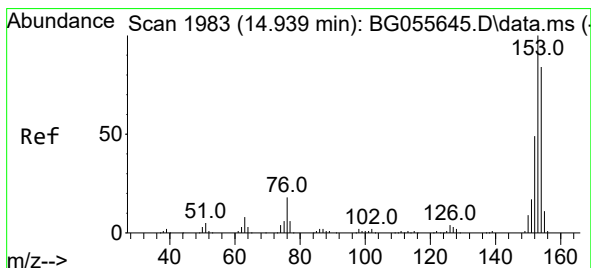
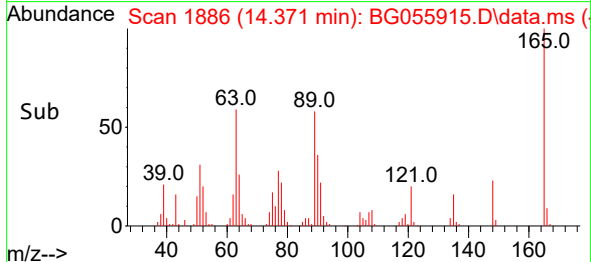
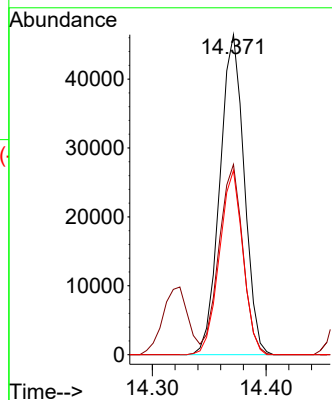
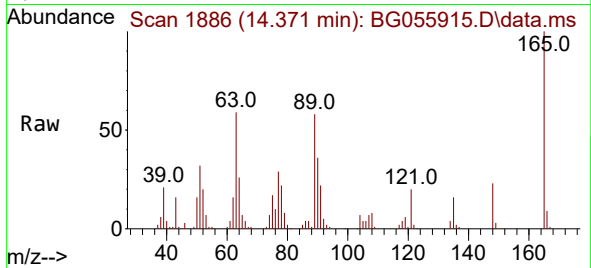




#51
2,6-Dinitrotoluene
Concen: 39.531 ng
RT: 14.371 min Scan# 1886
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

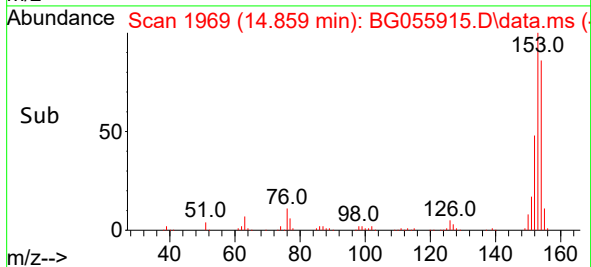
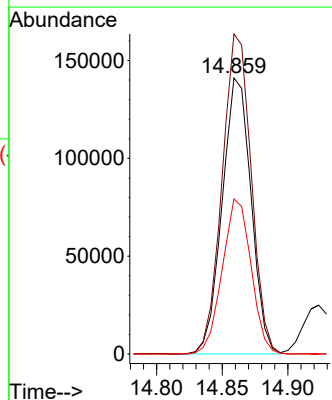
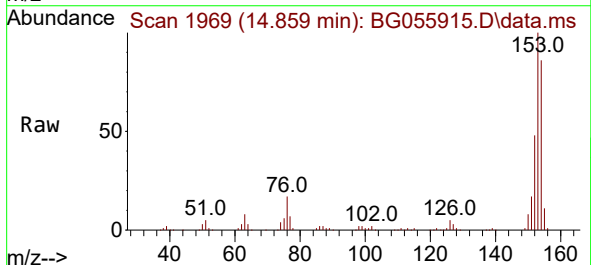
Instrument :
BNA_G
ClientSampleId :
PB149462BS

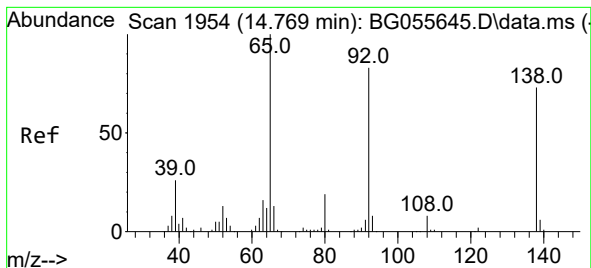
Tgt Ion:165 Resp: 69009
Ion Ratio Lower Upper
165 100
63 59.5 44.6 66.8
89 57.6 42.2 63.4



#52
Acenaphthene
Concen: 33.148 ng
RT: 14.859 min Scan# 1969
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:154 Resp: 216414
Ion Ratio Lower Upper
154 100
153 115.9 95.0 142.4
152 56.2 46.1 69.1

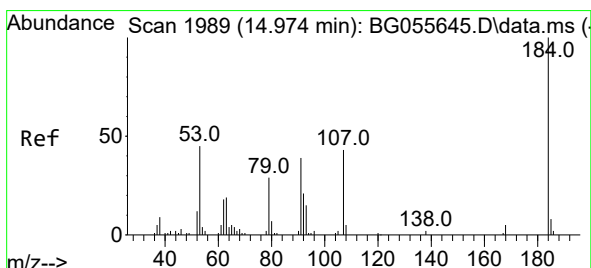
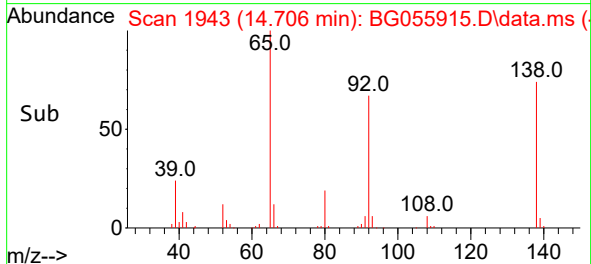
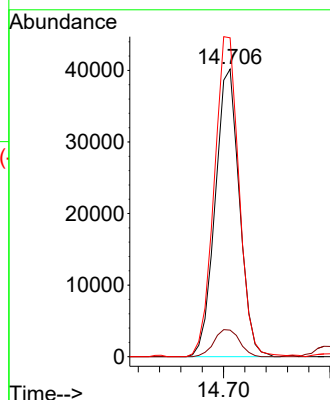
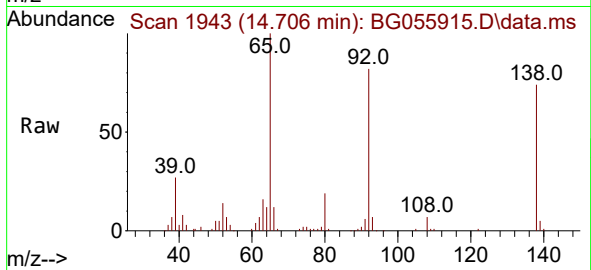




#53
3-Nitroaniline
Concen: 33.010 ng
RT: 14.706 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

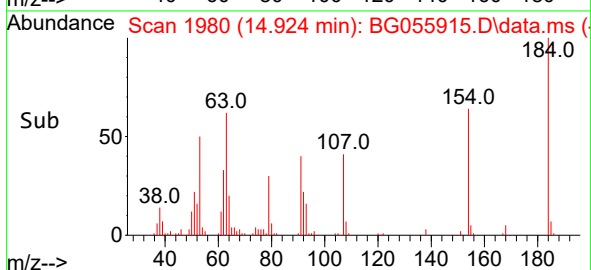
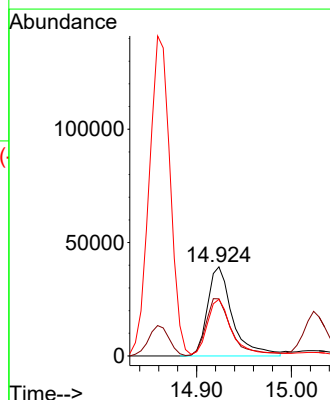
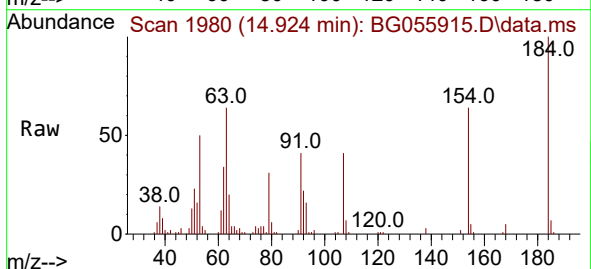
Instrument :
BNA_G
ClientSampleId :
PB149462BS

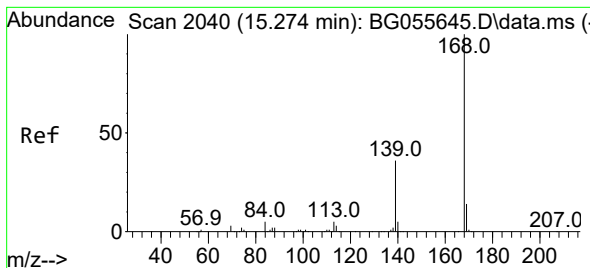
Tgt Ion:138 Resp: 63260
Ion Ratio Lower Upper
138 100
108 9.2 8.5 12.7
92 110.9 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 71.813 ng
RT: 14.924 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:184 Resp: 72079
Ion Ratio Lower Upper
184 100
63 64.1 49.5 74.3
154 63.5 52.0 78.0





#55

Dibenzofuran

Concen: 36.804 ng

RT: 15.194 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

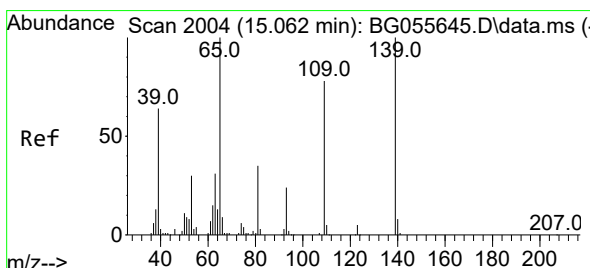
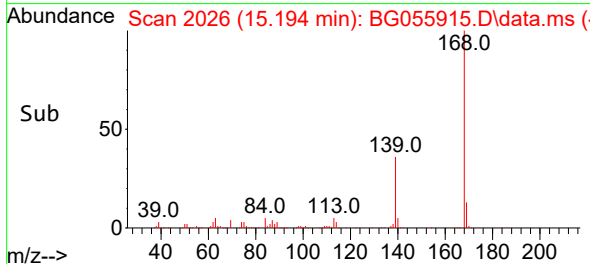
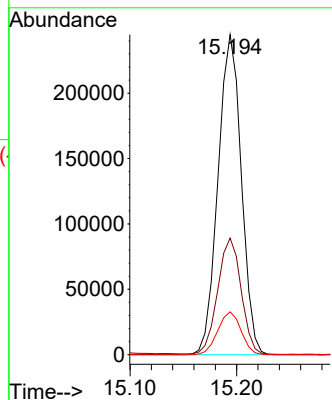
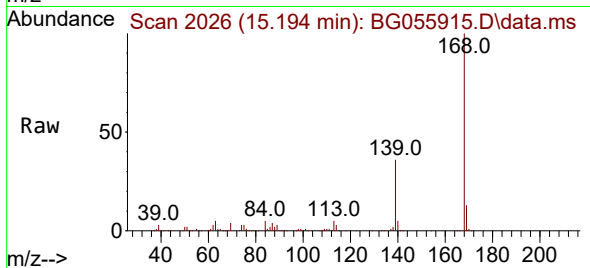
Tgt Ion:168 Resp: 370685

Ion Ratio Lower Upper

168 100

139 36.4 28.8 43.2

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 64.876 ng

RT: 15.023 min Scan# 1997

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

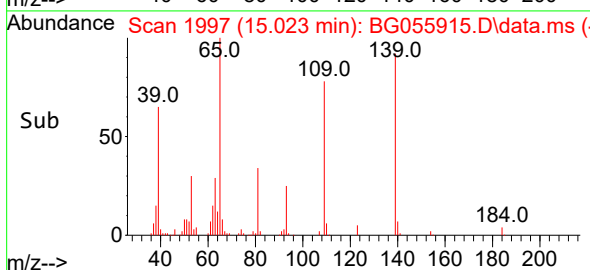
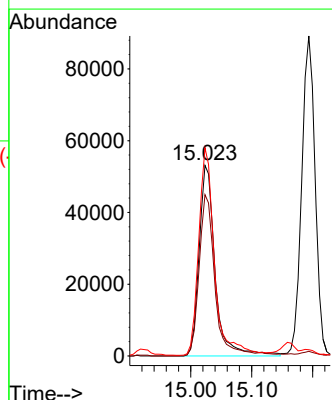
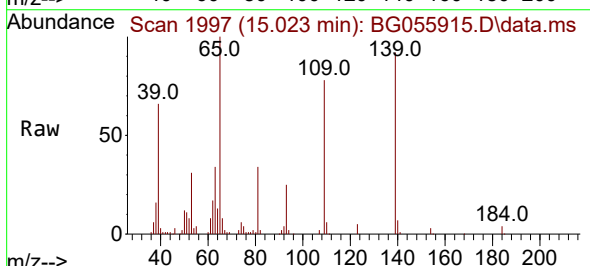
Tgt Ion:139 Resp: 97577

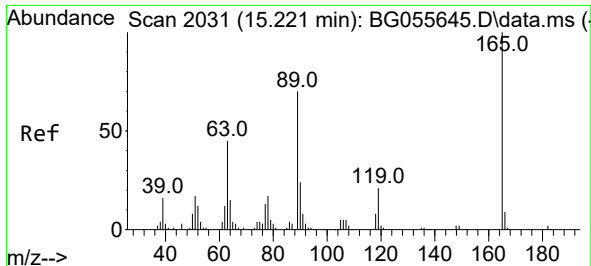
Ion Ratio Lower Upper

139 100

109 84.6 58.6 98.6

65 109.1 80.5 120.5





#57

2,4-Dinitrotoluene

Concen: 41.032 ng

RT: 15.159 min Scan# 2031

Delta R.T. -0.007 min

Lab File: BG055915.D

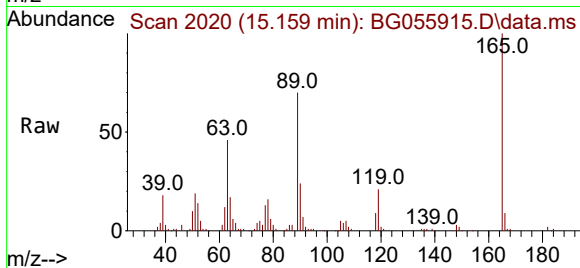
Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS



Tgt Ion:165 Resp: 100991

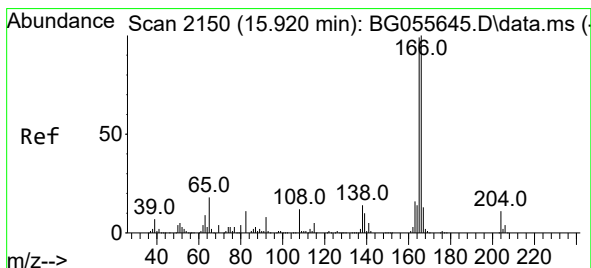
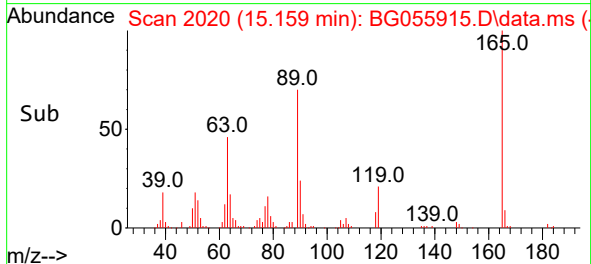
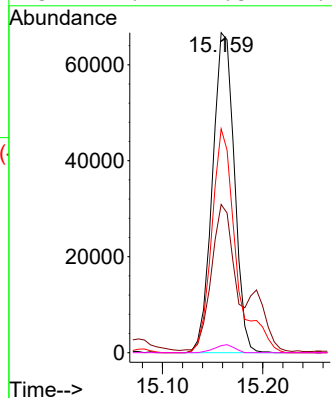
Ion Ratio Lower Upper

165 100

63 46.3 35.8 53.8

89 69.9 56.2 84.4

182 2.2 1.8 2.8



#58

Fluorene

Concen: 37.094 ng

RT: 15.840 min Scan# 2136

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

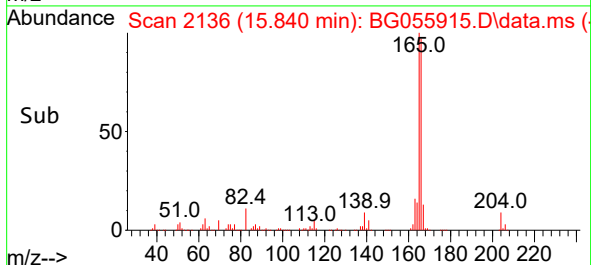
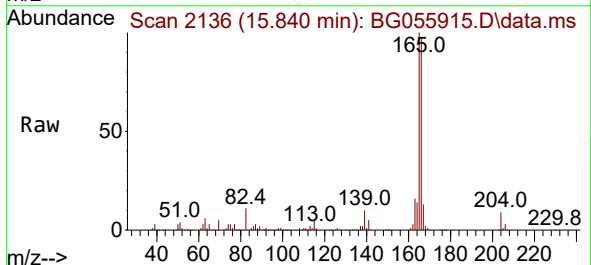
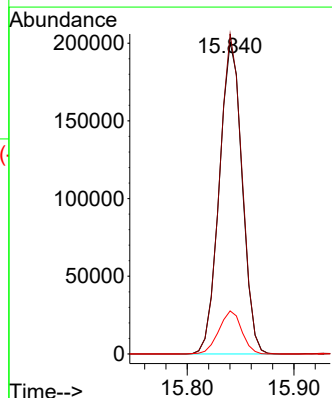
Tgt Ion:166 Resp: 298400

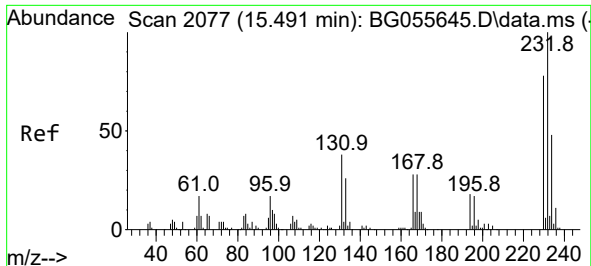
Ion Ratio Lower Upper

166 100

165 102.6 79.3 118.9

167 13.8 10.6 15.8

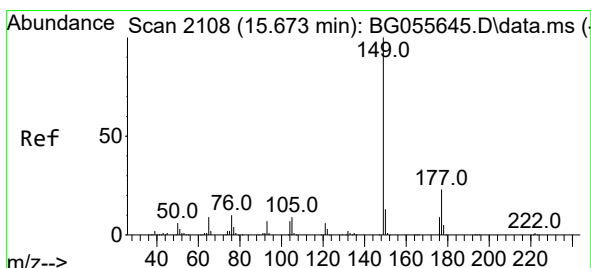
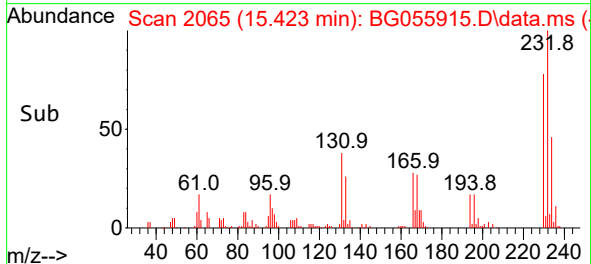
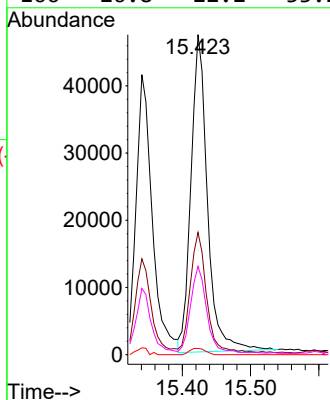
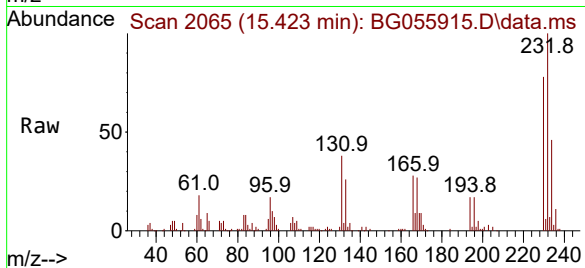




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.220 ng
RT: 15.423 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

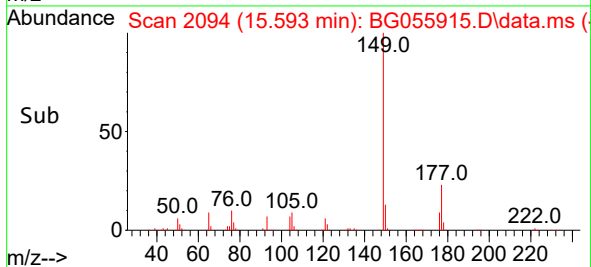
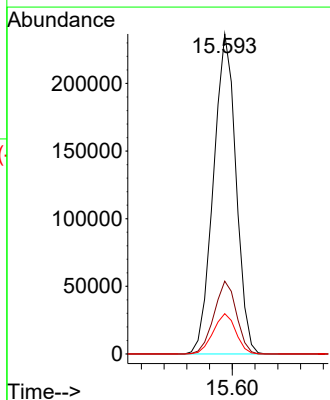
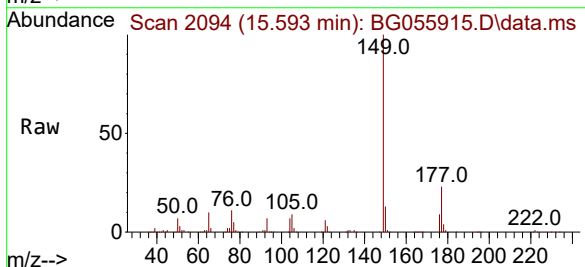
Instrument :
BNA_G
ClientSampleId :
PB149462BS

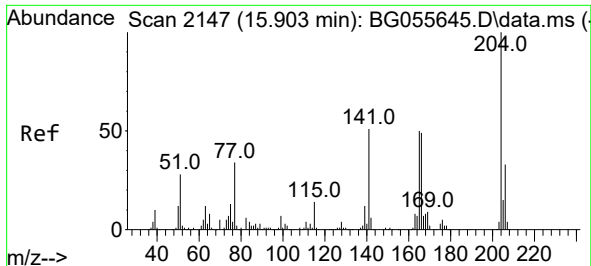
Tgt Ion:232 Resp: 78768
Ion Ratio Lower Upper
232 100
131 37.4 29.8 44.8
130 1.9 1.7 2.5
166 26.8 22.2 33.2



#60
Diethylphthalate
Concen: 37.802 ng
RT: 15.593 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:149 Resp: 326307
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.6 10.0 15.0

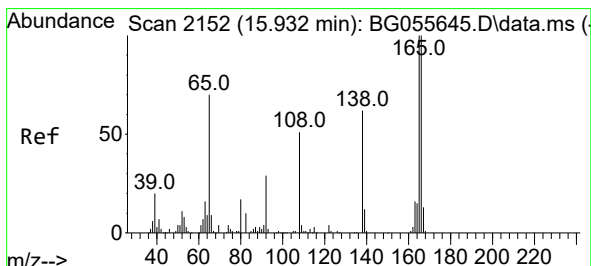
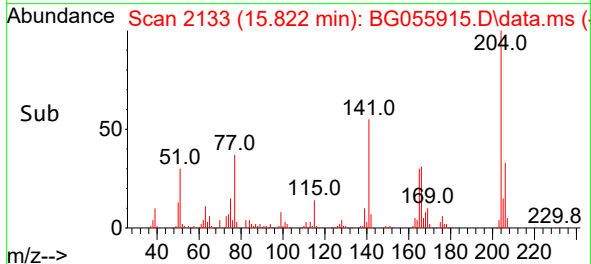
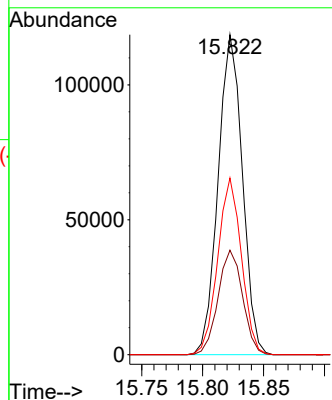
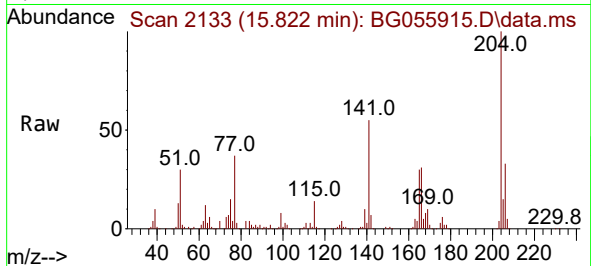




#61
4-Chlorophenyl-phenylether
Concen: 37.153 ng
RT: 15.822 min Scan# 2141
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

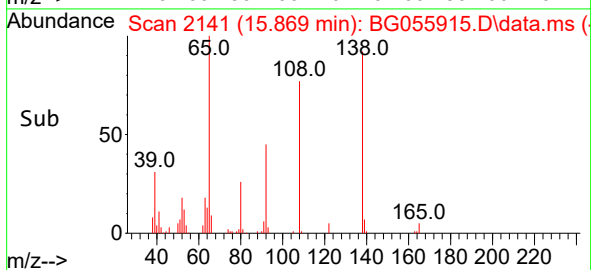
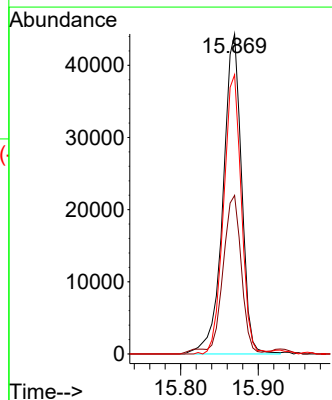
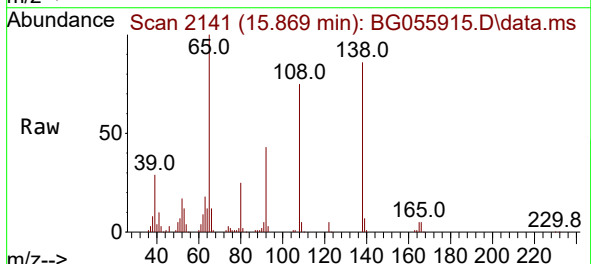
Instrument :
BNA_G
ClientSampleId :
PB149462BS

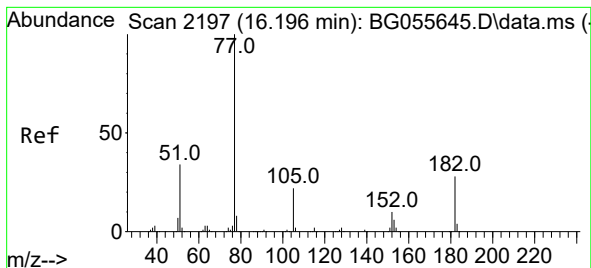
Tgt Ion:204 Resp: 164289
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 55.2 40.6 61.0



#62
4-Nitroaniline
Concen: 36.793 ng
RT: 15.869 min Scan# 2141
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:138 Resp: 73706
Ion Ratio Lower Upper
138 100
92 49.6 27.3 67.3
108 87.2 62.8 102.8





#63

Azobenzene

Concen: 37.466 ng

RT: 16.116 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

Tgt Ion: 77 Resp: 282340

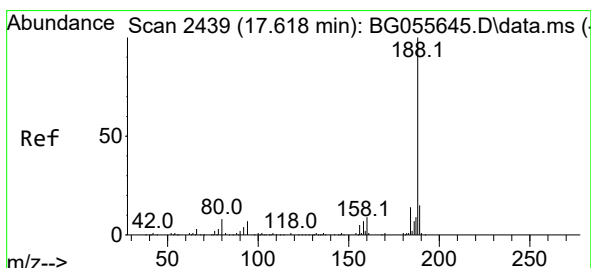
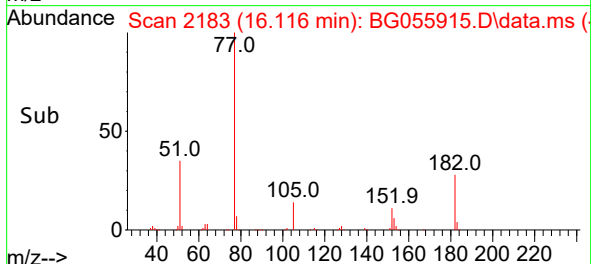
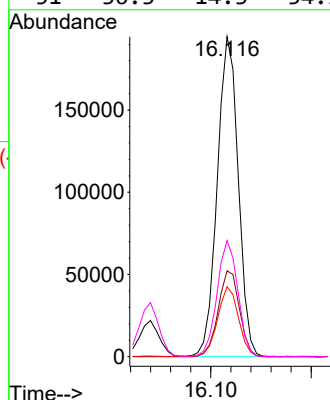
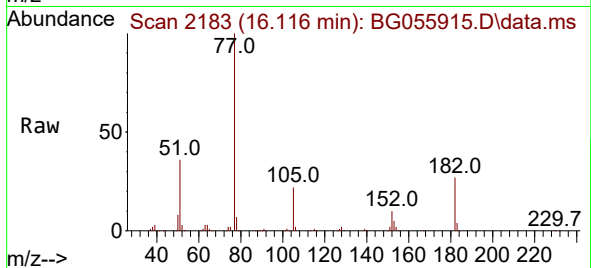
Ion Ratio Lower Upper

77 100

182 26.8 8.1 48.1

105 21.9 1.8 41.8

51 36.3 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.538 min Scan# 2425

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

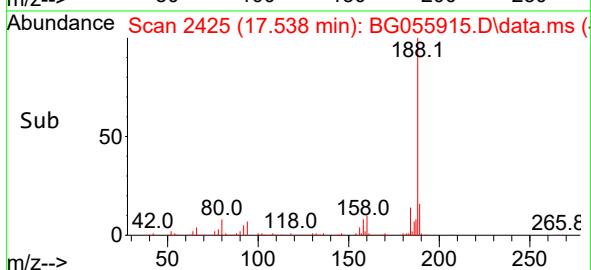
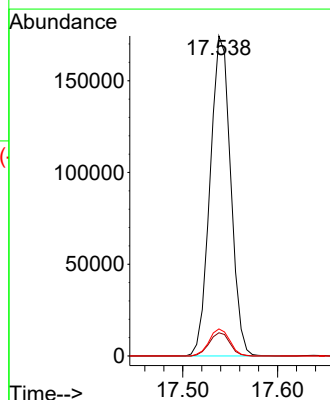
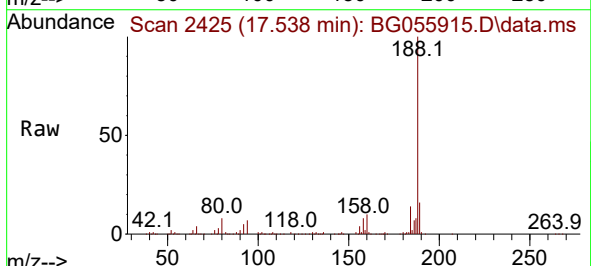
Tgt Ion: 188 Resp: 262579

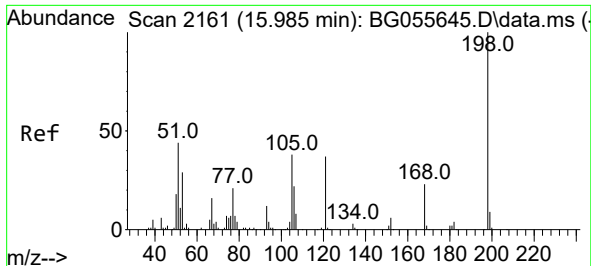
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.5 6.6 10.0

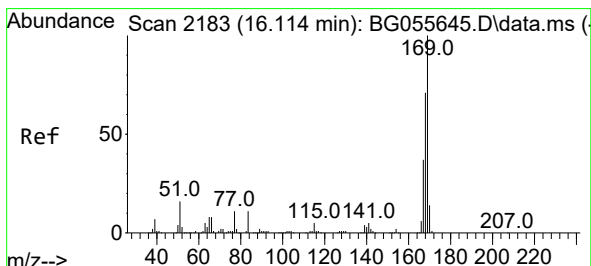
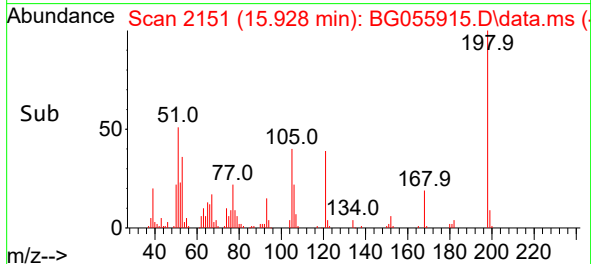
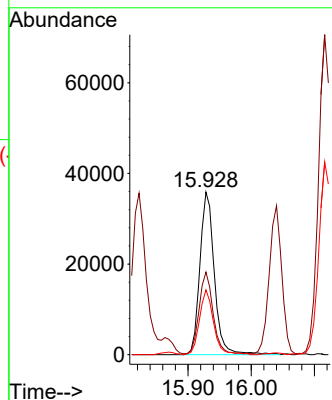
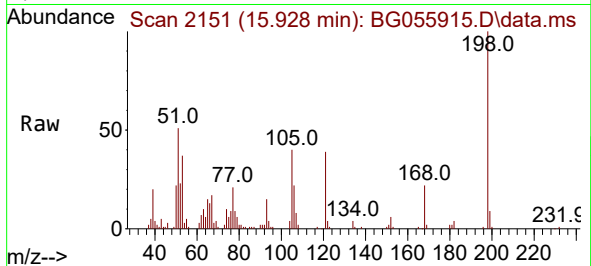




#65
4,6-Dinitro-2-methylphenol
Concen: 38.909 ng
RT: 15.928 min Scan# 2161
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

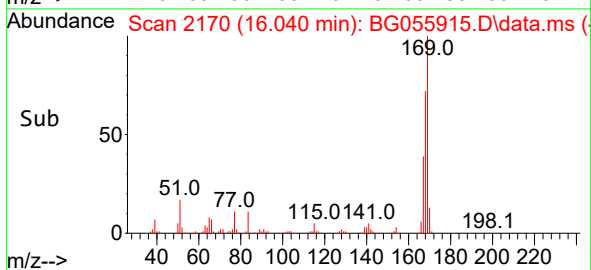
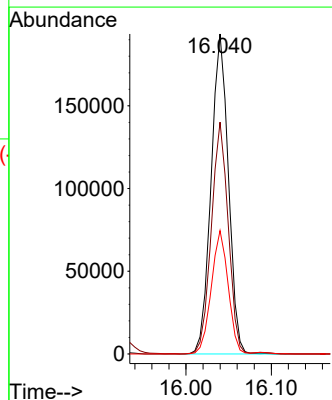
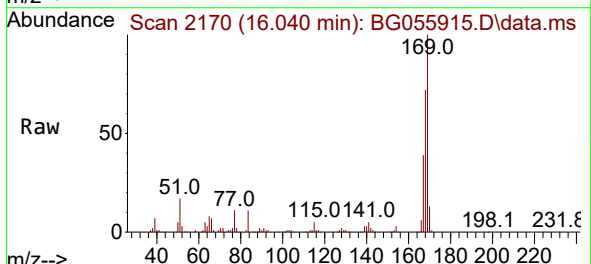
Instrument :
BNA_G
ClientSampleId :
PB149462BS

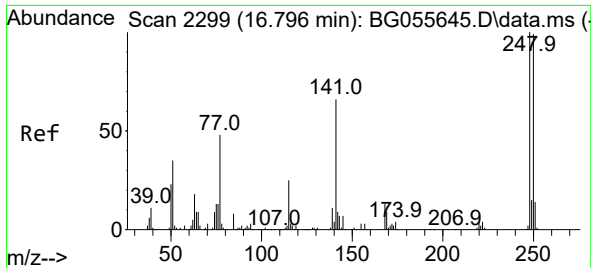
Tgt Ion:198 Resp: 57049
Ion Ratio Lower Upper
198 100
51 50.8 27.7 67.7
105 39.9 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 37.588 ng
RT: 16.040 min Scan# 2170
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:169 Resp: 272006
Ion Ratio Lower Upper
169 100
168 72.4 56.6 85.0
167 38.6 29.9 44.9

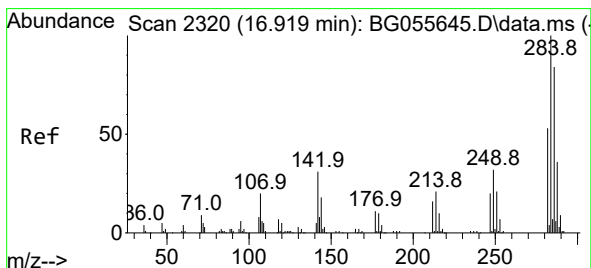
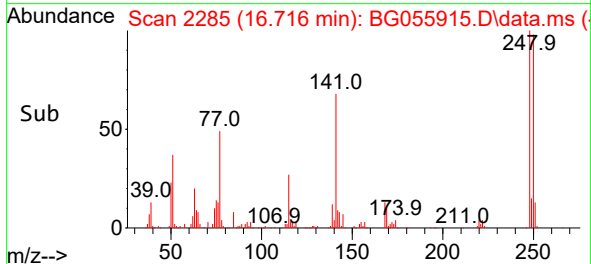
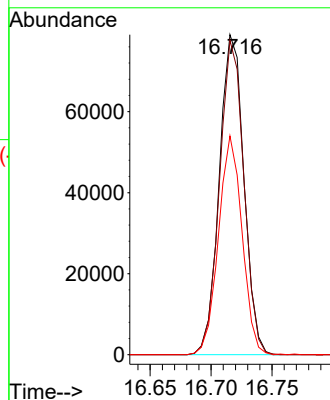
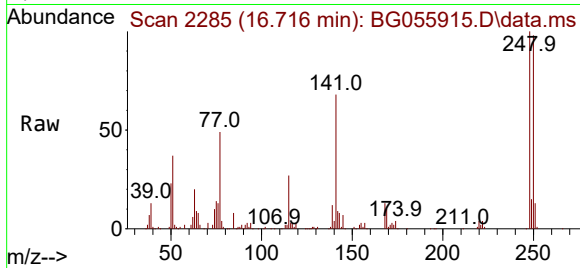




#67
4-Bromophenyl-phenylether
Concen: 37.073 ng
RT: 16.716 min Scan# 210
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

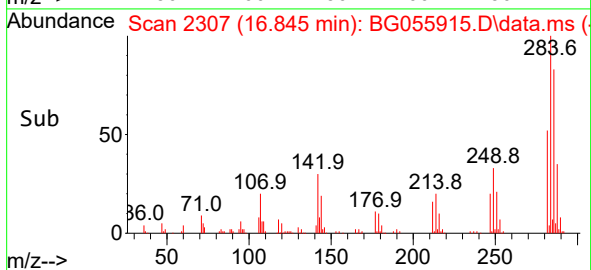
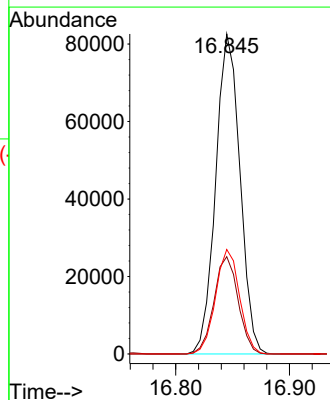
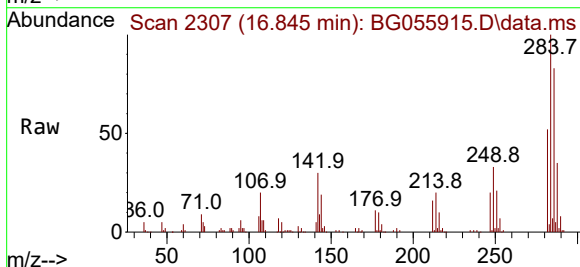
Instrument :
BNA_G
ClientSampleId :
PB149462BS

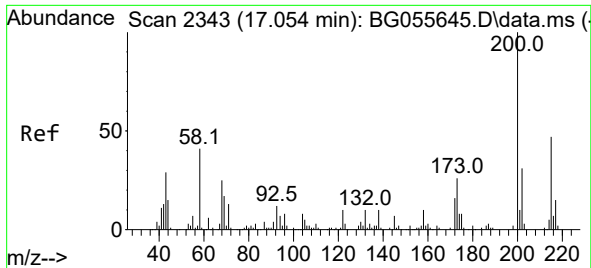
Tgt Ion:248 Resp: 110916
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 68.3 52.9 79.3



#68
Hexachlorobenzene
Concen: 36.876 ng
RT: 16.845 min Scan# 2307
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:284 Resp: 122333
Ion Ratio Lower Upper
284 100
142 30.4 24.8 37.2
249 32.7 25.7 38.5

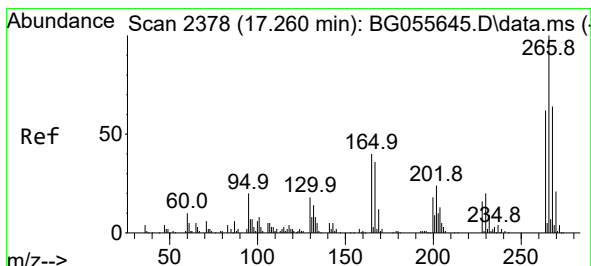
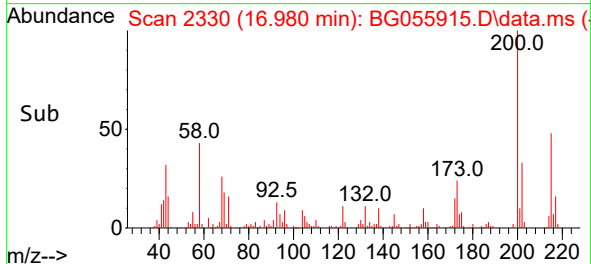
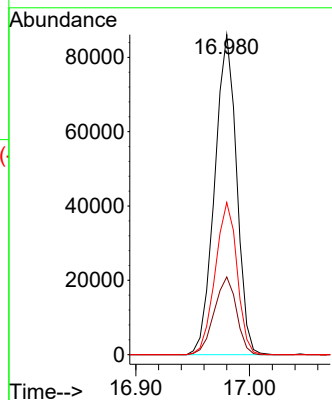
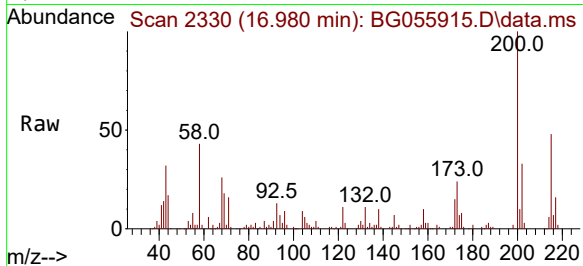




#69
 Atrazine
 Concen: 40.304 ng
 RT: 16.980 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

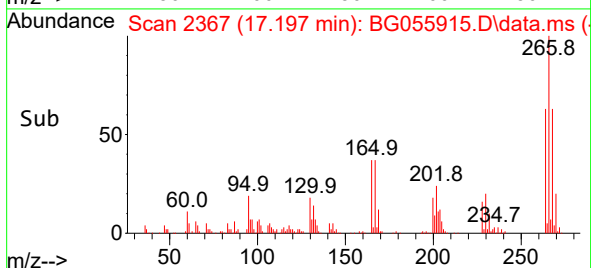
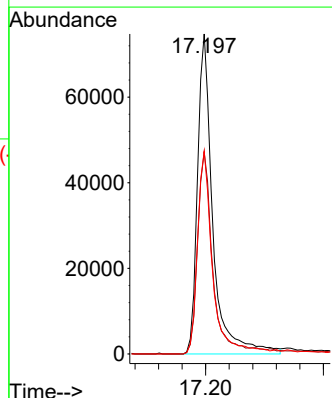
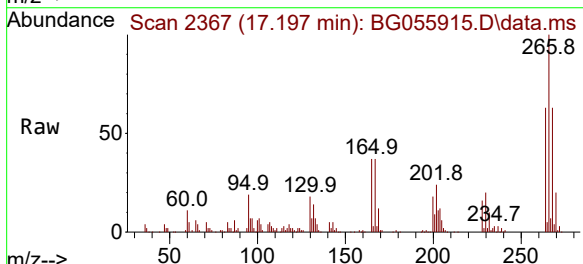
Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS

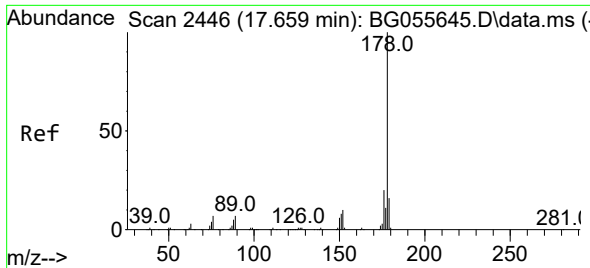
Tgt Ion:200 Resp: 115350
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.6 45.6
 215 47.5 27.2 67.2



#70
 Pentachlorophenol
 Concen: 66.450 ng
 RT: 17.197 min Scan# 2367
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Tgt Ion:266 Resp: 134850
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 63.3 49.5 74.3

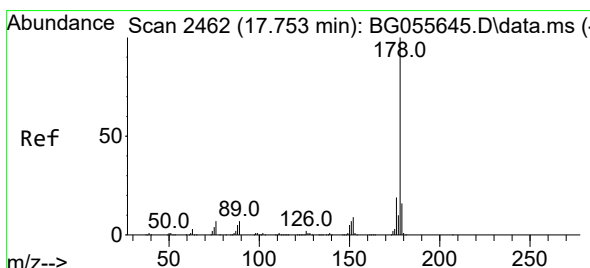
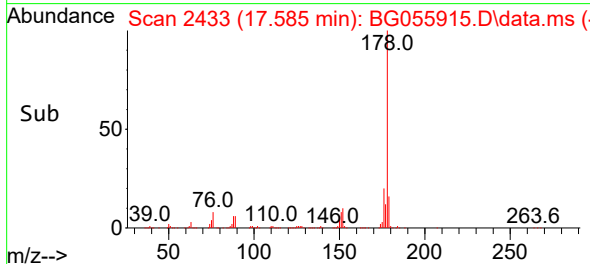
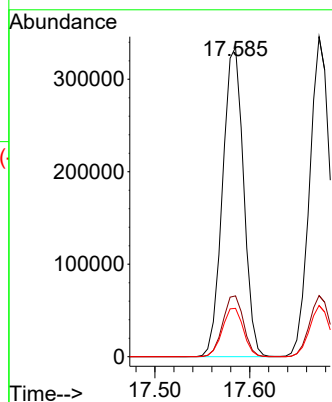
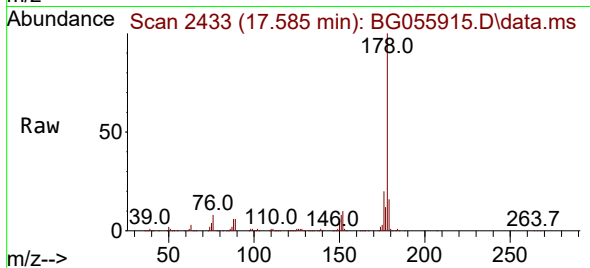




#71
Phenanthrene
Concen: 36.354 ng
RT: 17.585 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

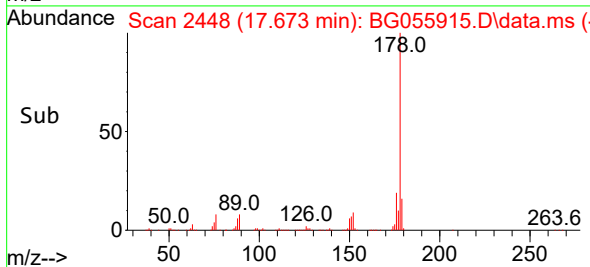
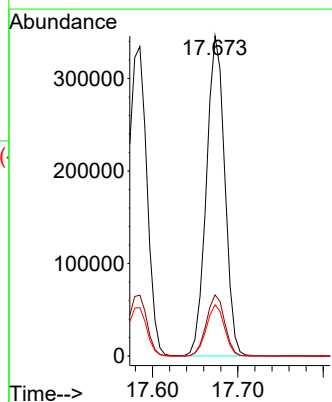
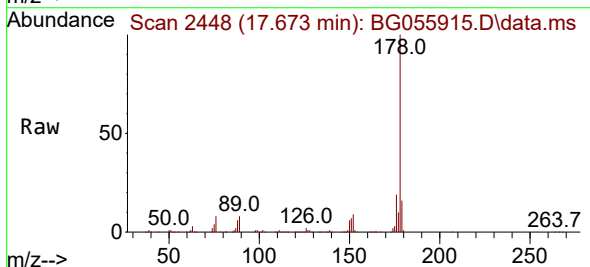
Instrument :
BNA_G
ClientSampleId :
PB149462BS

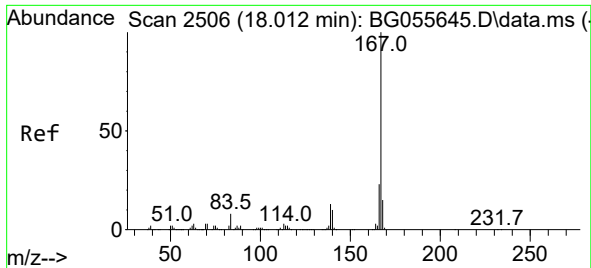
Tgt Ion:178 Resp: 515133
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.6 12.7 19.1



#72
Anthracene
Concen: 37.547 ng
RT: 17.673 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:178 Resp: 516931
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.0 12.5 18.7

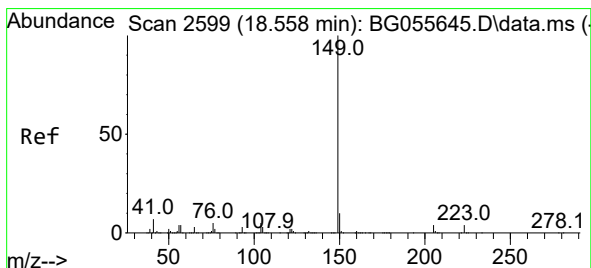
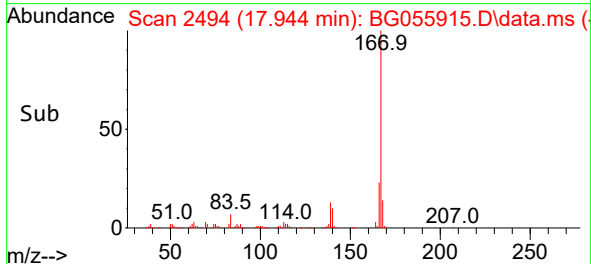
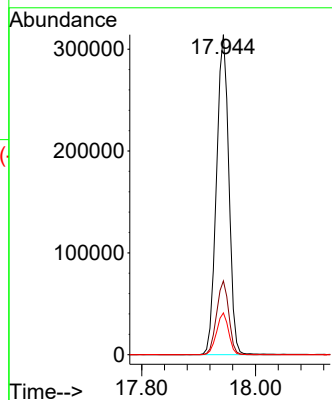
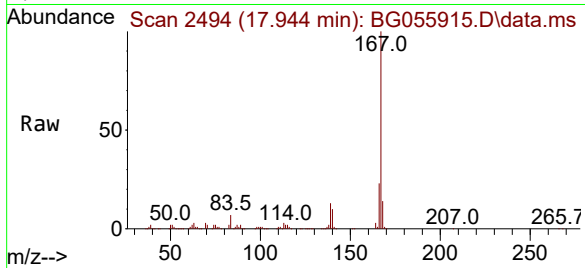




#73
 Carbazole
 Concen: 38.167 ng
 RT: 17.944 min Scan# 24
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

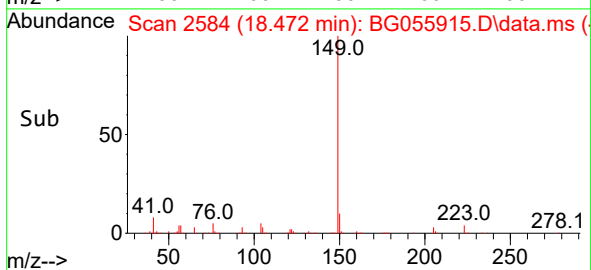
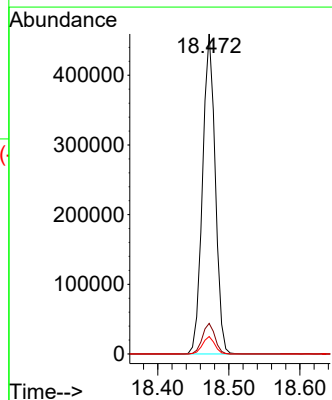
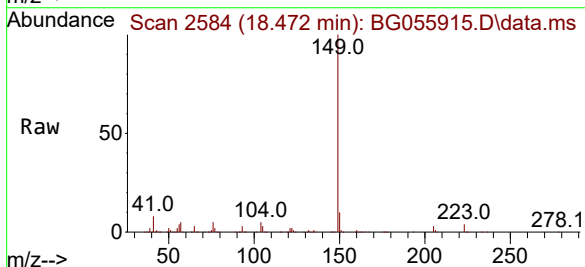
Instrument :
 BNA_G
 ClientSampleId :
 PB149462BS

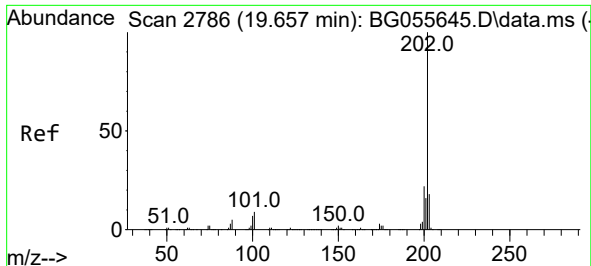
Tgt Ion:167 Resp: 472396
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 37.232 ng
 RT: 18.472 min Scan# 2584
 Delta R.T. -0.001 min
 Lab File: BG055915.D
 Acq: 7 Dec 2022 15:26

Tgt Ion:149 Resp: 572200
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.4 4.0 6.0

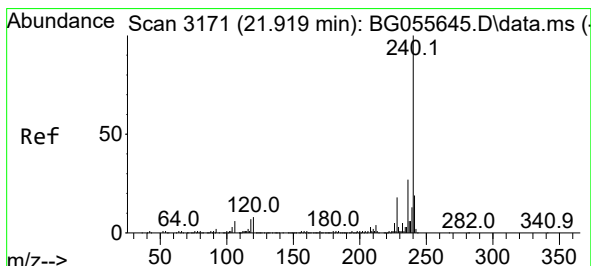
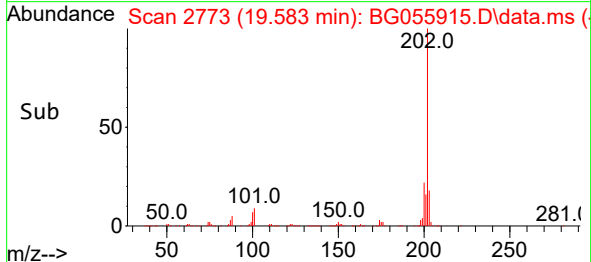
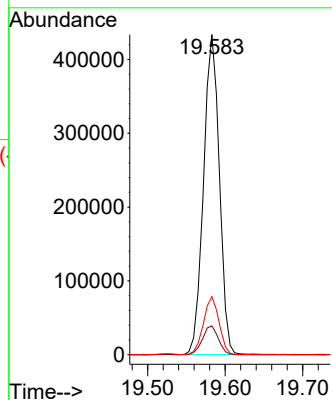
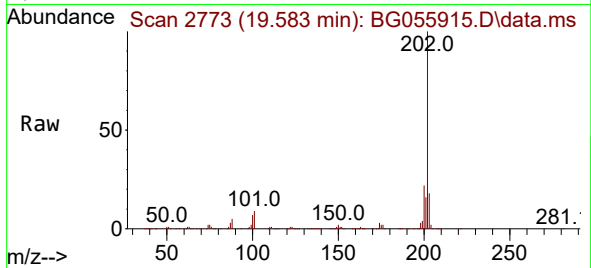




#75
Fluoranthene
Concen: 35.598 ng
RT: 19.583 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

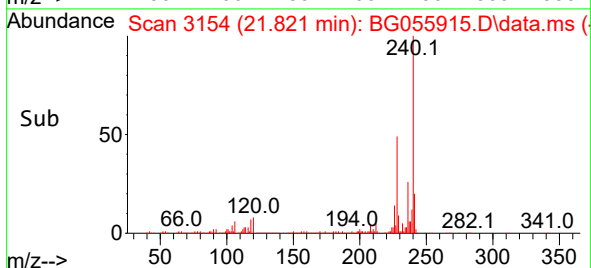
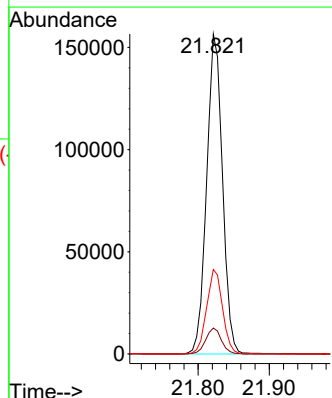
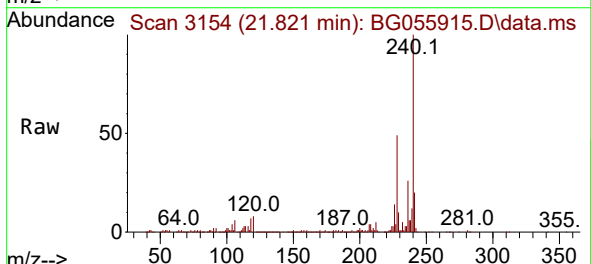
Instrument :
BNA_G
ClientSampleId :
PB149462BS

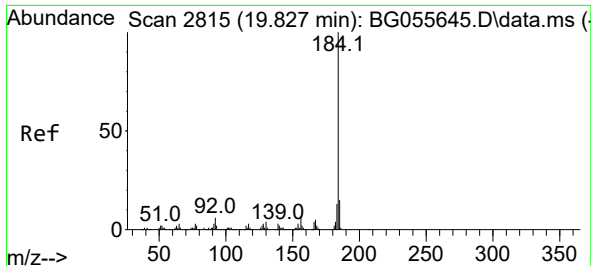
Tgt Ion:202 Resp: 613665
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:240 Resp: 243074
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.4 21.9 32.9

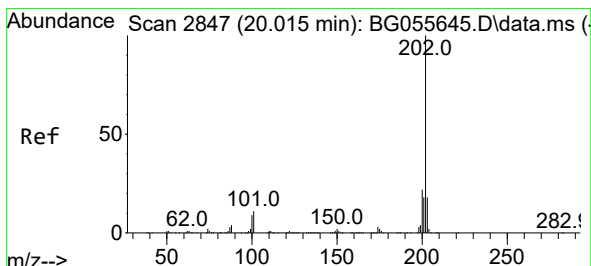
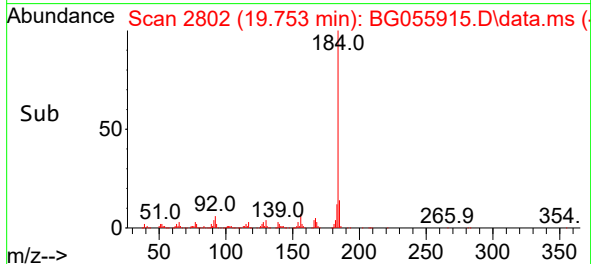
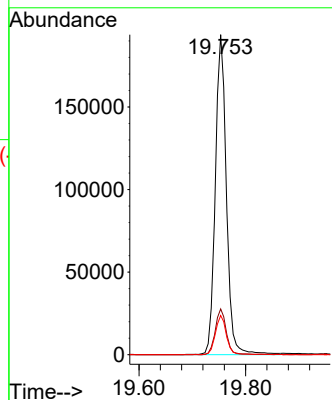
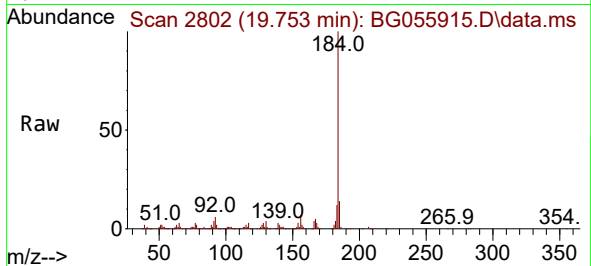




#77
Benzidine
Concen: 49.775 ng
RT: 19.753 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

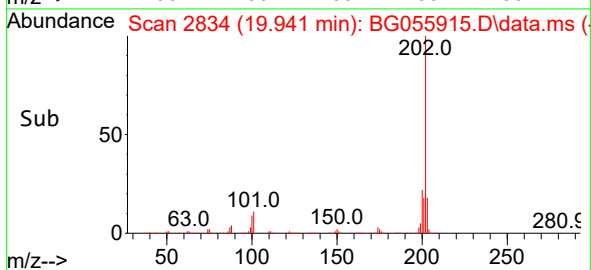
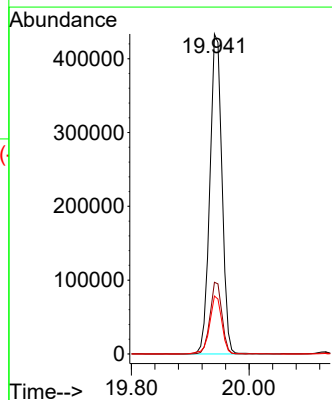
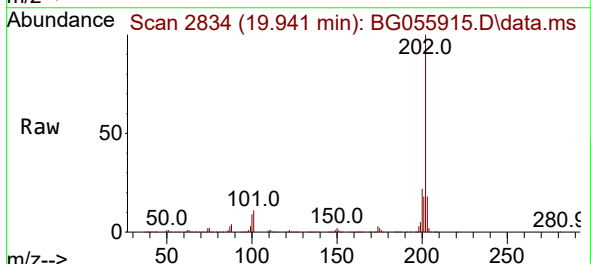
Instrument :
BNA_G
ClientSampleId :
PB149462BS

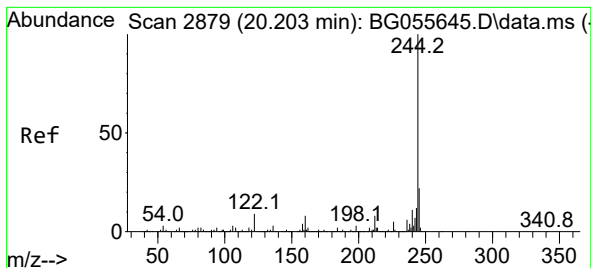
Tgt Ion:184 Resp: 279902
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.3 10.6 15.8



#78
Pyrene
Concen: 37.634 ng
RT: 19.941 min Scan# 2834
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:202 Resp: 619197
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 79.617 ng

RT: 20.129 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

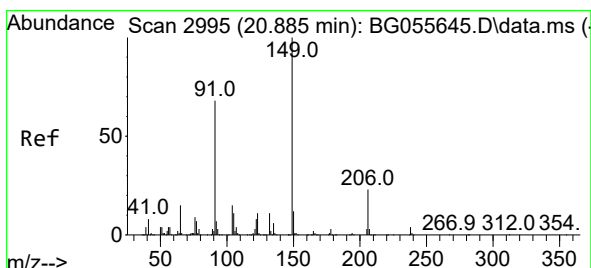
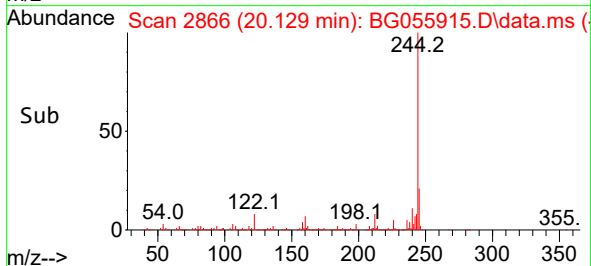
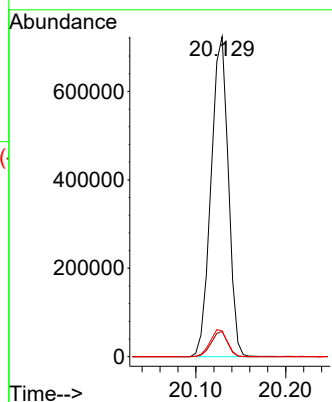
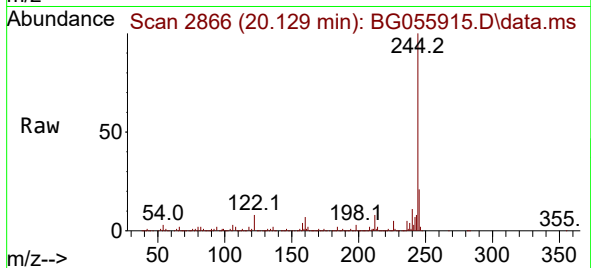
Tgt Ion:244 Resp: 967575

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.0 6.9 10.3



#80

Butylbenzylphthalate

Concen: 38.404 ng

RT: 20.805 min Scan# 2981

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

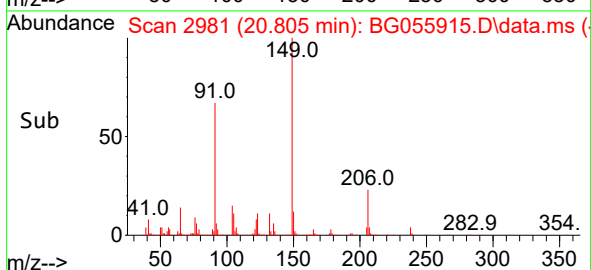
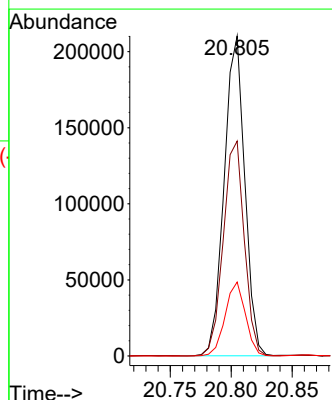
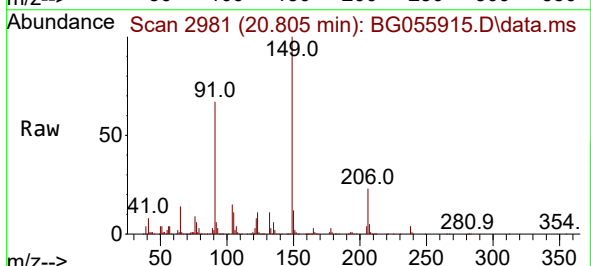
Tgt Ion:149 Resp: 247363

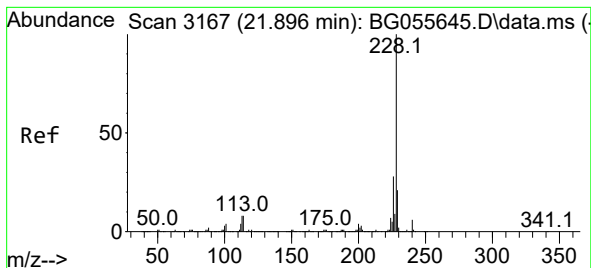
Ion Ratio Lower Upper

149 100

91 67.2 54.6 81.8

206 23.1 18.3 27.5





#81

Benzo(a)anthracene

Concen: 37.062 ng

RT: 21.804 min Scan# 3167

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

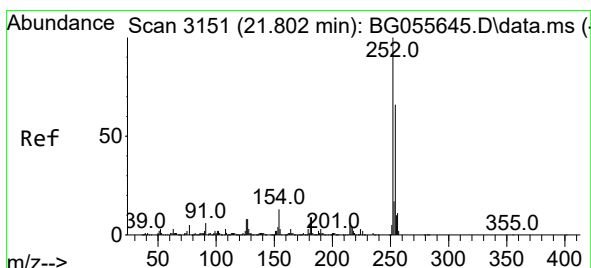
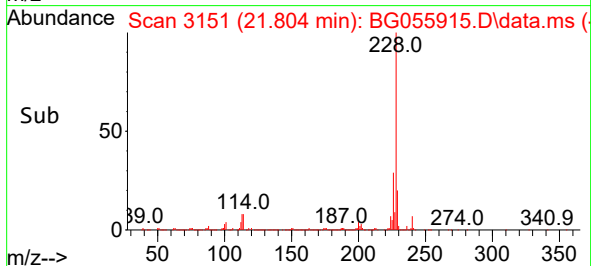
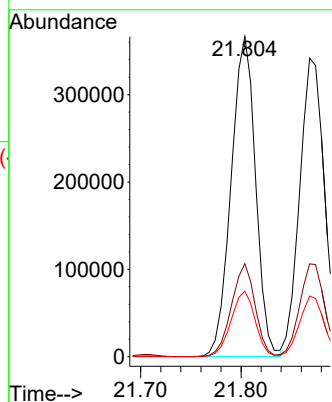
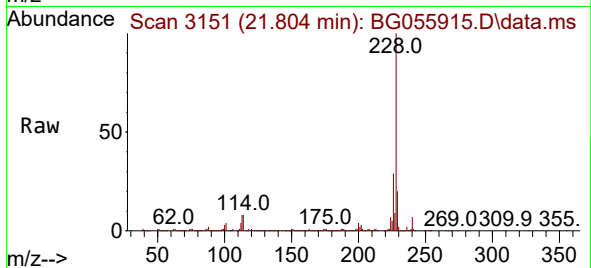
Tgt Ion:228 Resp: 620494

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

229 20.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 37.431 ng

RT: 21.704 min Scan# 3134

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

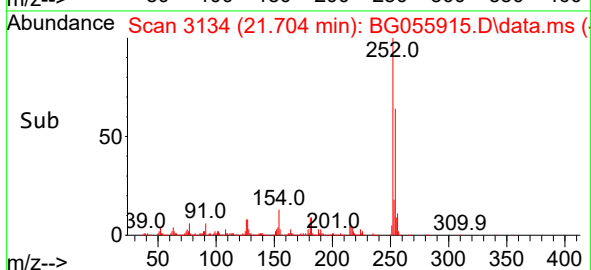
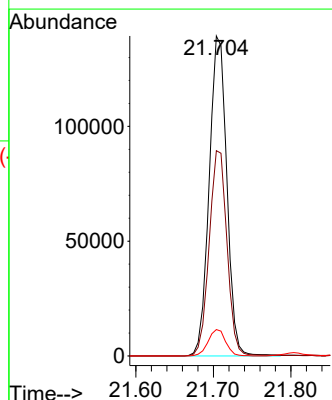
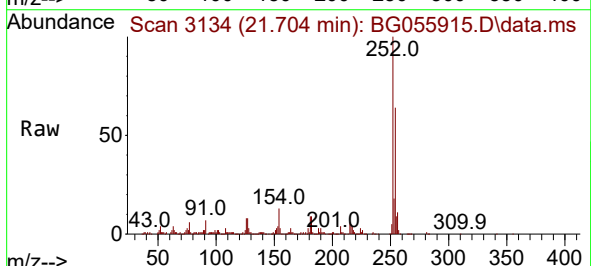
Tgt Ion:252 Resp: 220200

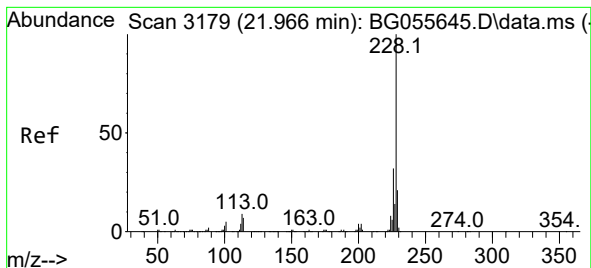
Ion Ratio Lower Upper

252 100

254 64.2 53.0 79.6

126 8.2 6.7 10.1





#83

Chrysene

Concen: 36.473 ng

RT: 21.868 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

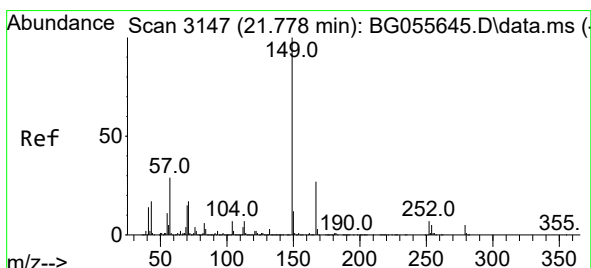
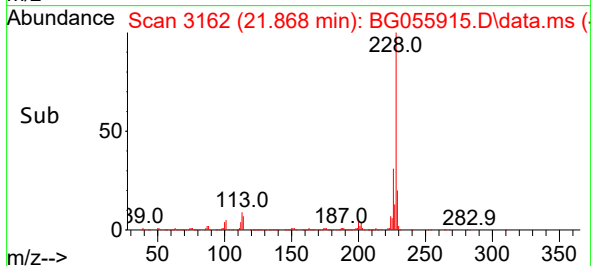
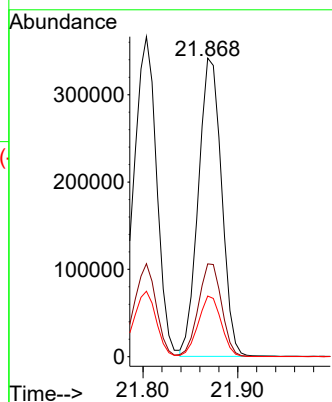
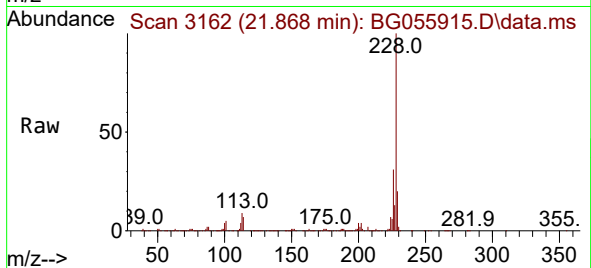
Tgt Ion:228 Resp: 581318

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

229 20.3 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.822 ng

RT: 21.669 min Scan# 3128

Delta R.T. -0.001 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

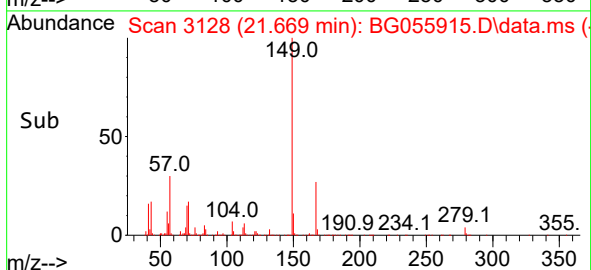
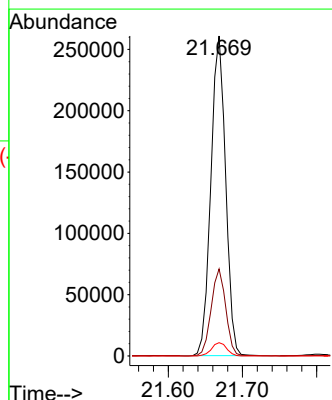
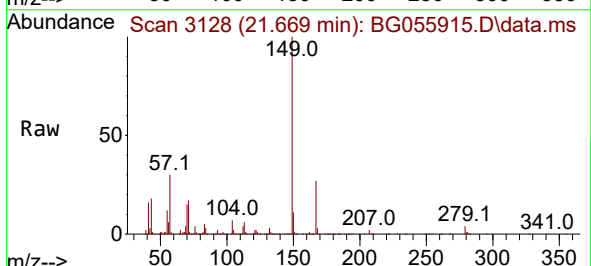
Tgt Ion:149 Resp: 359362

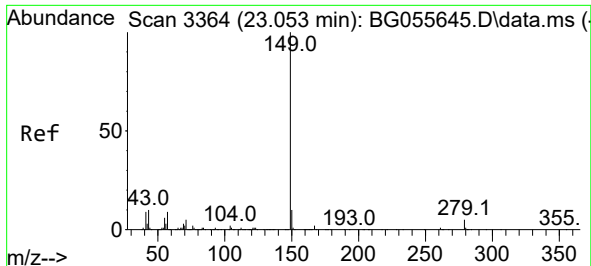
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.2 3.7 5.5

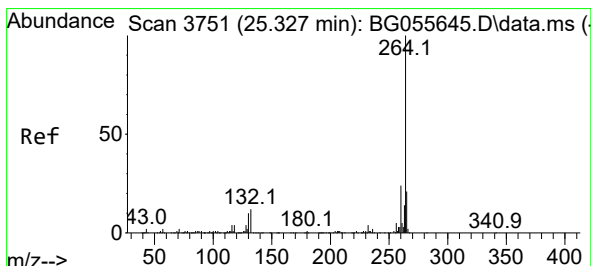
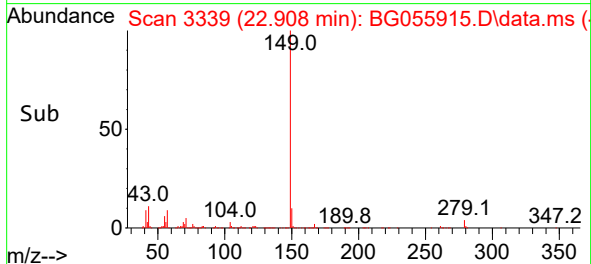
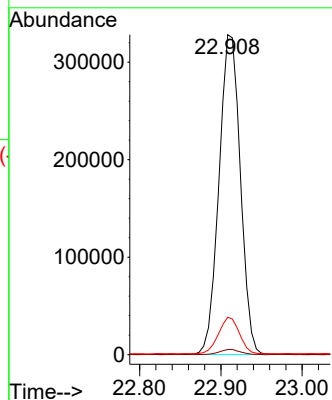
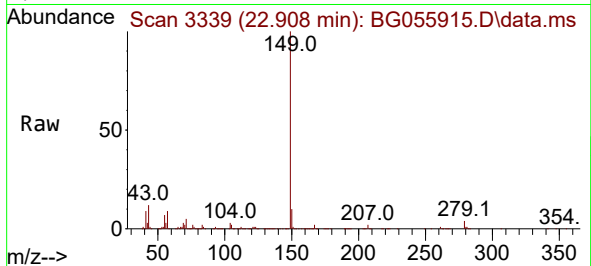




#85
Di-n-octyl phthalate
Concen: 37.833 ng
RT: 22.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

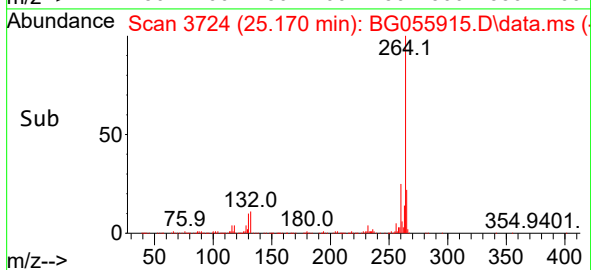
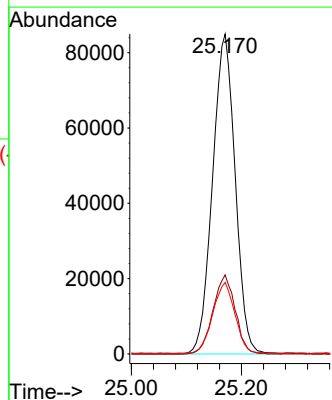
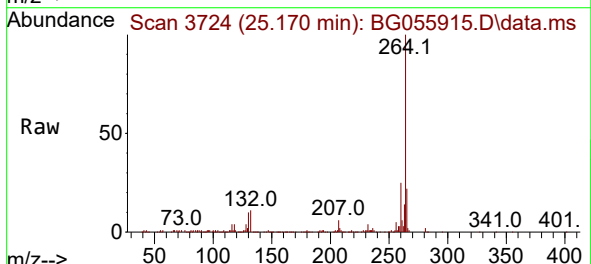
Instrument :
BNA_G
ClientSampleId :
PB149462BS

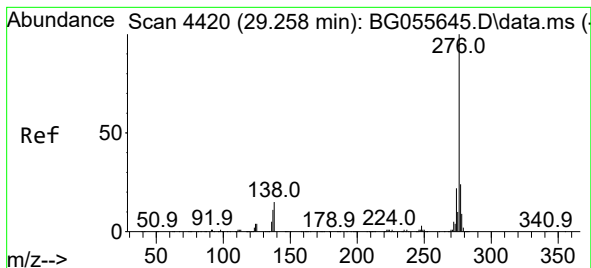
Tgt Ion:149 Resp: 599323
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.1 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.170 min Scan# 3724
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:264 Resp: 242372
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.866 ng

RT: 29.031 min Scan# 41

Delta R.T. -0.013 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

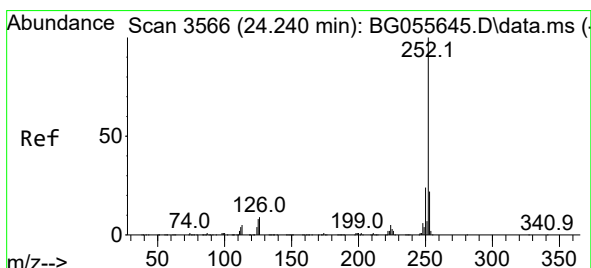
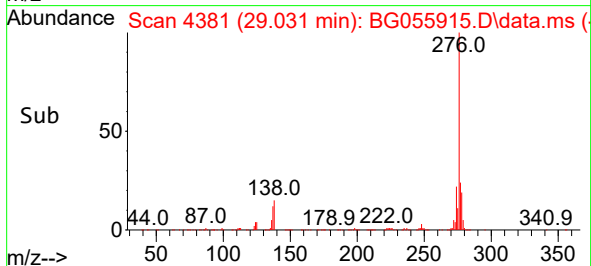
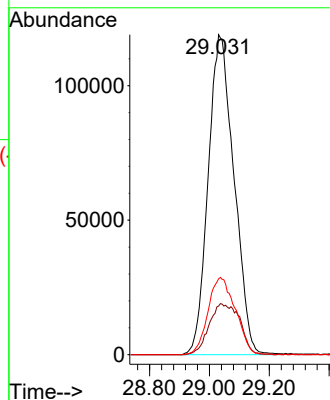
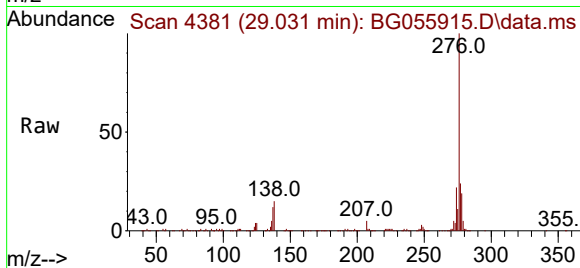
Tgt Ion:276 Resp: 712146

Ion Ratio Lower Upper

276 100

138 19.0 10.4 15.6#

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.178 ng

RT: 24.101 min Scan# 3542

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

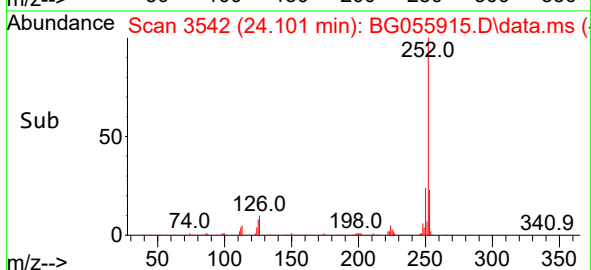
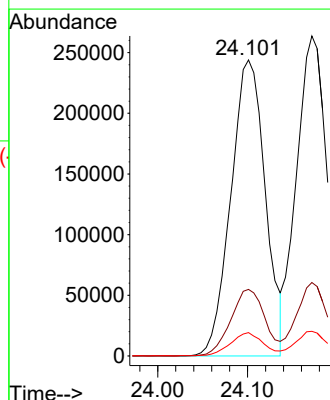
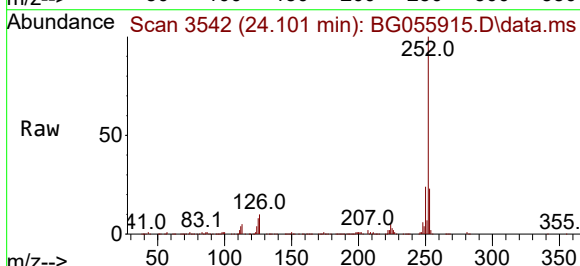
Tgt Ion:252 Resp: 649970

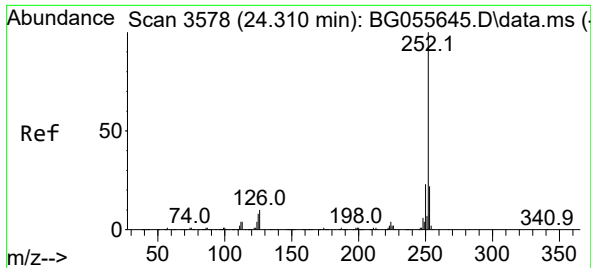
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 7.9 6.2 9.2

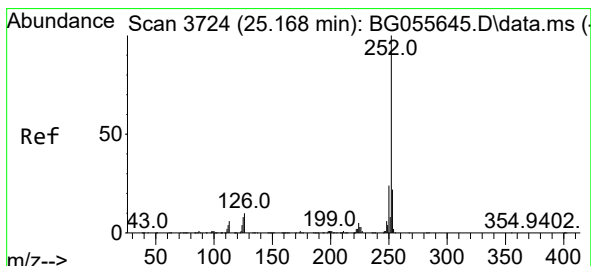
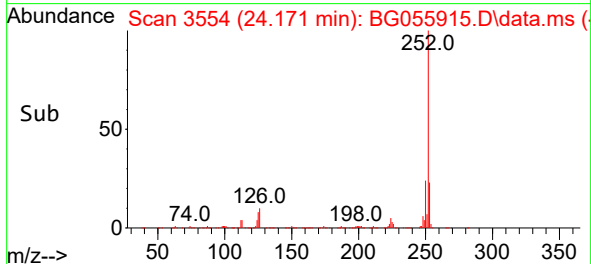
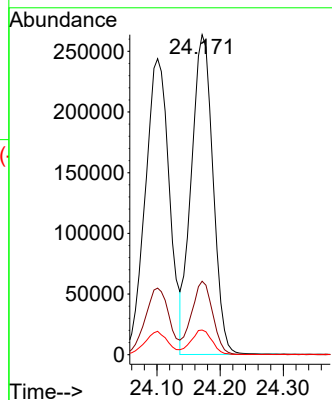
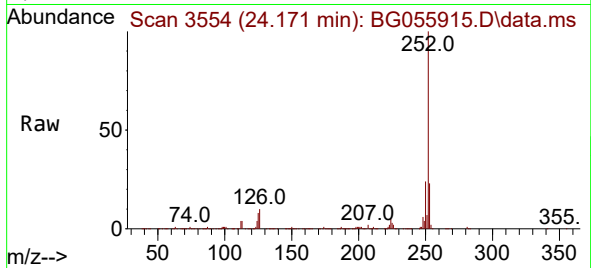




#89
Benzo(k)fluoranthene
Concen: 39.872 ng
RT: 24.171 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

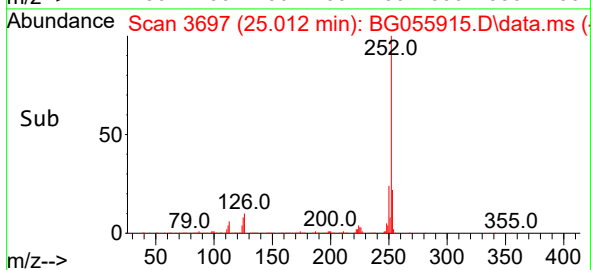
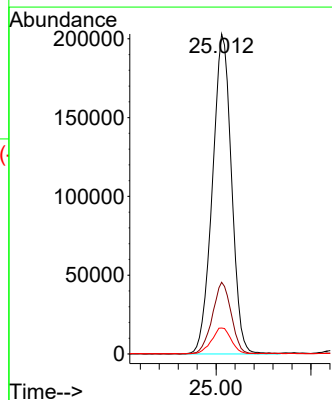
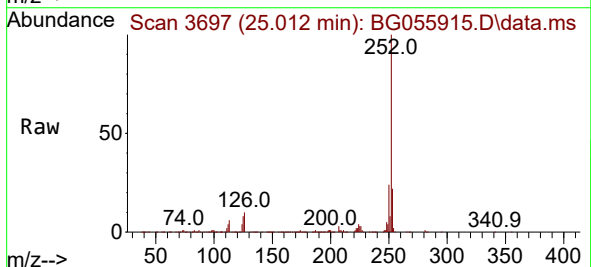
Instrument :
BNA_G
ClientSampleId :
PB149462BS

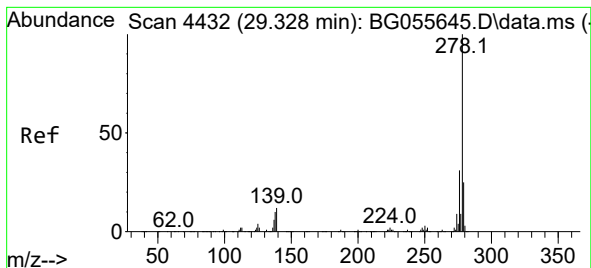
Tgt Ion:252 Resp: 627355
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 7.7 6.1 9.1



#90
Benzo(a)pyrene
Concen: 41.898 ng
RT: 25.012 min Scan# 3697
Delta R.T. -0.007 min
Lab File: BG055915.D
Acq: 7 Dec 2022 15:26

Tgt Ion:252 Resp: 567512
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 38.339 ng

RT: 29.095 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Instrument :

BNA_G

ClientSampleId :

PB149462BS

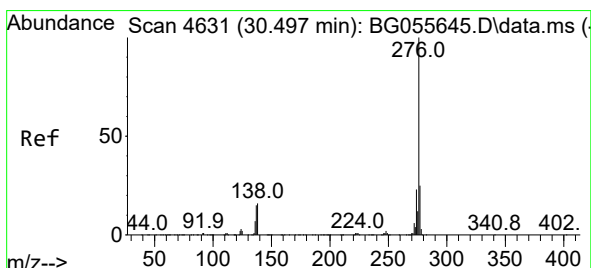
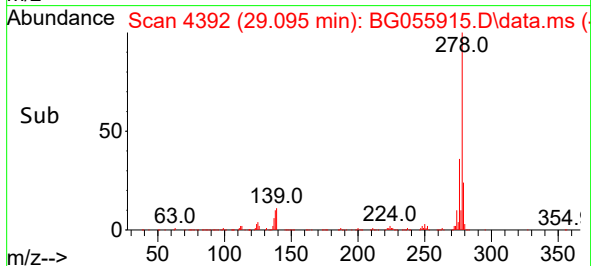
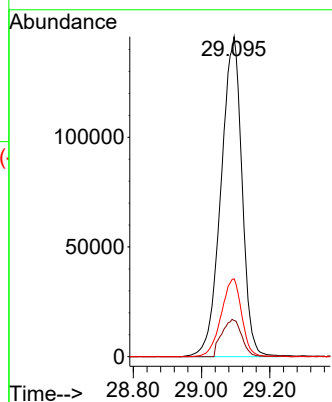
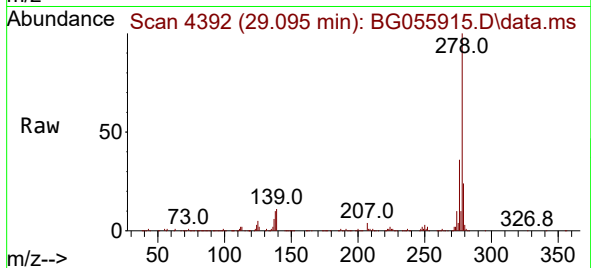
Tgt Ion:278 Resp: 622072

Ion Ratio Lower Upper

278 100

139 11.3 9.8 14.8

279 24.4 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 37.598 ng

RT: 30.247 min Scan# 4588

Delta R.T. -0.007 min

Lab File: BG055915.D

Acq: 7 Dec 2022 15:26

Tgt Ion:276 Resp: 614860

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.6

138 15.2 13.1 19.7

