

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
 Data File : BG063983.D
 Acq On : 3 Feb 2025 16:59
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG020325

Quant Time: Feb 04 03:20:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	57554	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	250776	20.000	ng	0.00
39) Acenaphthene-d10	14.500	164	173240	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	391413	20.000	ng	# 0.00
76) Chrysene-d12	21.474	240	420206	20.000	ng	0.00
86) Perylene-d12	24.500	264	451428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	303659	84.592	ng	-0.01
7) Phenol-d6	7.032	99	415210	84.286	ng	0.00
23) Nitrobenzene-d5	9.024	82	371433	90.016	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	162679	87.013	ng	0.00
45) 2-Fluorobiphenyl	13.125	172	867989	76.765	ng	0.00
79) Terphenyl-d14	19.864	244	1634516	81.237	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.377	88	55187	32.372	ng	96
3) Pyridine	3.765	79	169145	36.743	ng	99
4) n-Nitrosodimethylamine	3.683	42	99025	37.410	ng	95
6) Aniline	7.196	93	214776	40.684	ng	97
8) 2-Chlorophenol	7.431	128	160902	43.988	ng	99
9) Benzaldehyde	7.008	77	114865	42.712	ng	99
10) Phenol	7.055	94	213959	41.261	ng	96
11) bis(2-Chloroethyl)ether	7.296	93	167924	40.215	ng	95
12) 1,3-Dichlorobenzene	7.760	146	169528	38.949	ng	96
13) 1,4-Dichlorobenzene	7.907	146	173349	39.435	ng	97
14) 1,2-Dichlorobenzene	8.225	146	168069	39.891	ng	98
15) Benzyl Alcohol	8.101	79	155797	42.312	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.407	45	329368	39.171	ng	99
17) 2-Methylphenol	8.307	107	139196	41.505	ng	93
18) Hexachloroethane	8.953	117	61086	42.225	ng	97
19) n-Nitroso-di-n-propyla...	8.677	70	138092	40.479	ng	# 94
20) 3+4-Methylphenols	8.630	107	189329	42.374	ng	97
22) Acetophenone	8.689	105	273908	39.753	ng	98
24) Nitrobenzene	9.065	77	189280	40.346	ng	98
25) Isophorone	9.588	82	363011	40.583	ng	# 99
26) 2-Nitrophenol	9.776	139	51914	47.433	ng	96
27) 2,4-Dimethylphenol	9.835	122	110547	42.963	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	230391	40.478	ng	98
29) 2,4-Dichlorophenol	10.305	162	145586	41.051	ng	96
30) 1,2,4-Trichlorobenzene	10.522	180	167591	39.645	ng	95
31) Naphthalene	10.710	128	542435	40.345	ng	99
32) Benzoic acid	9.958	122	71704	44.213	ng	89
33) 4-Chloroaniline	10.816	127	210025	40.771	ng	98
34) Hexachlorobutadiene	11.004	225	107507	39.935	ng	100
35) Caprolactam	11.574	113	54489	42.136	ng	99
36) 4-Chloro-3-methylphenol	11.938	107	180676	43.869	ng	99
37) 2-Methylnaphthalene	12.320	142	373633	39.879	ng	98
38) 1-Methylnaphthalene	12.537	142	366093	39.490	ng	99
40) 1,2,4,5-Tetrachloroben...	12.690	216	198430	38.841	ng	100
41) Hexachlorocyclopentadiene	12.672	237	58427	45.188	ng	99
43) 2,4,6-Trichlorophenol	12.925	196	119118	40.514	ng	97

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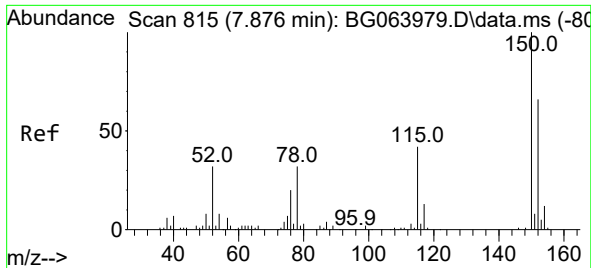
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.990	196	134165	40.400	ng	99
46) 1,1'-Biphenyl	13.336	154	503460	38.170	ng	100
47) 2-Chloronaphthalene	13.372	162	370275	38.515	ng	99
48) 2-Nitroaniline	13.565	65	112776	44.383	ng	97
49) Acenaphthylene	14.218	152	588896	39.437	ng	98
50) Dimethylphthalate	13.959	163	483597	42.101	ng	100
51) 2,6-Dinitrotoluene	14.065	165	90487	42.654	ng	96
52) Acenaphthene	14.564	154	400608	39.995	ng	98
53) 3-Nitroaniline	14.394	138	100935	40.569	ng	99
54) 2,4-Dinitrophenol	14.600	184	25013	47.424	ng	93
55) Dibenzofuran	14.899	168	644130	39.604	ng	98
56) 4-Nitrophenol	14.694	139	86853	43.406	ng	95
57) 2,4-Dinitrotoluene	14.852	165	122954	44.184	ng	# 96
58) Fluorene	15.545	166	496813	39.521	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	135962	42.381	ng	98
60) Diethylphthalate	15.328	149	536976	44.092	ng	98
61) 4-Chlorophenyl-phenyle...	15.545	204	245966	38.996	ng	98
62) 4-Nitroaniline	15.557	138	111268	41.528	ng	95
63) Azobenzene	15.839	77	571955	39.763	ng	99
65) 4,6-Dinitro-2-methylph...	15.616	198	41712	45.314	ng	95
66) n-Nitrosodiphenylamine	15.757	169	435794	40.157	ng	96
67) 4-Bromophenyl-phenylether	16.439	248	158933	40.795	ng	97
68) Hexachlorobenzene	16.550	284	183508	40.064	ng	97
69) Atrazine	16.709	200	162149	44.898	ng	99
70) Pentachlorophenol	16.885	266	111499	41.902	ng	95
71) Phenanthrene	17.285	178	824949	40.128	ng	100
72) Anthracene	17.373	178	822921	40.005	ng	100
73) Carbazole	17.637	167	787304	40.885	ng	99
74) Di-n-butylphthalate	18.219	149	934157	46.539	ng	99
75) Fluoranthene	19.294	202	1020324	40.759	ng	99
77) Benzidine	19.470	184	342511	38.278	ng	99
78) Pyrene	19.652	202	1063833	41.009	ng	99
80) Butylbenzylphthalate	20.557	149	375602	42.221	ng	99
81) Benzo(a)anthracene	21.456	228	1083578	40.615	ng	100
82) 3,3'-Dichlorobenzidine	21.374	252	371157	44.672	ng	99
83) Chrysene	21.521	228	1078198	40.609	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	599462	41.896	ng	100
85) Di-n-octyl phthalate	22.555	149	997569	42.834	ng	98
87) Indeno(1,2,3-cd)pyrene	27.925	276	1185350	40.701	ng	98
88) Benzo(b)fluoranthene	23.548	252	1070145	40.258	ng	98
89) Benzo(k)fluoranthene	23.612	252	1105111	40.487	ng	100
90) Benzo(a)pyrene	24.359	252	974268	41.061	ng	99
91) Dibenzo(a,h)anthracene	27.984	278	1009580	41.054	ng	98
92) Benzo(g,h,i)perylene	28.983	276	1003616	40.427	ng	98

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

ICVBG020325

Response via : Initial Calibration

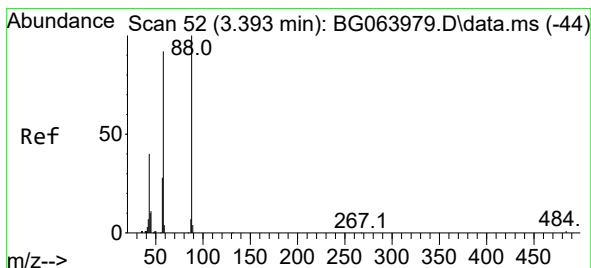
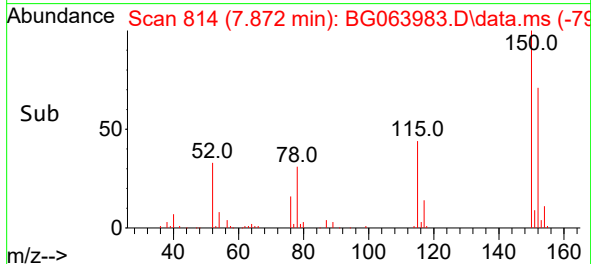
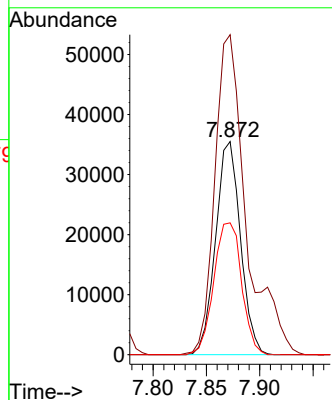
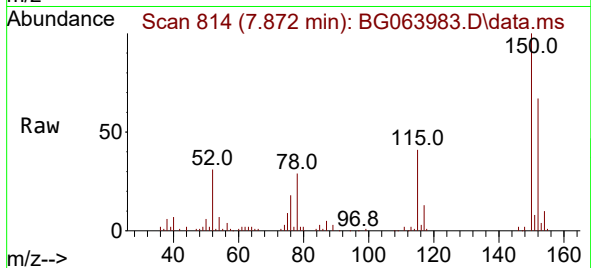




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.872 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

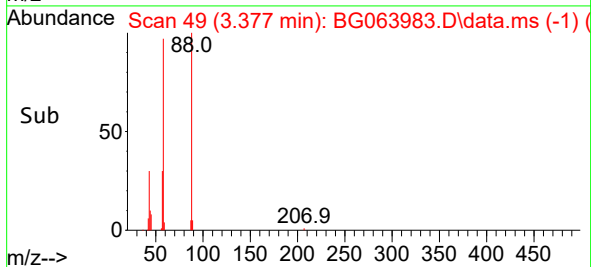
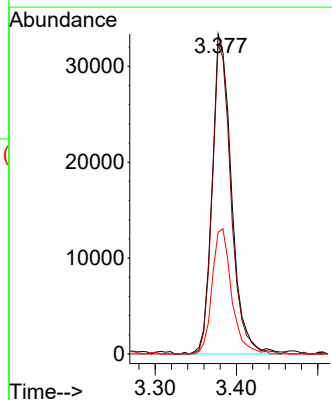
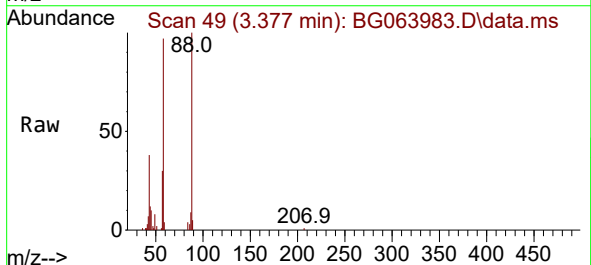
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ICVBG020325

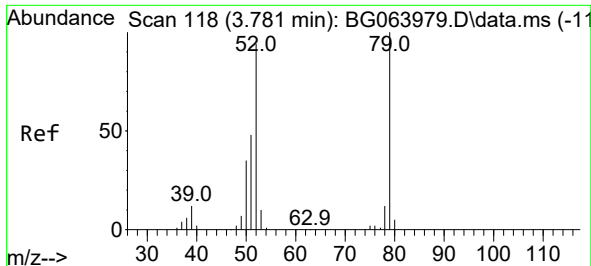
Tgt Ion:152 Resp: 57554
Ion Ratio Lower Upper
152 100
150 150.1 121.0 181.6
115 61.9 50.4 75.6



#2
1,4-Dioxane
Concen: 32.372 ng
RT: 3.377 min Scan# 49
Delta R.T. -0.016 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion: 88 Resp: 55187
Ion Ratio Lower Upper
88 100
58 94.6 71.8 107.8
43 39.2 31.2 46.8

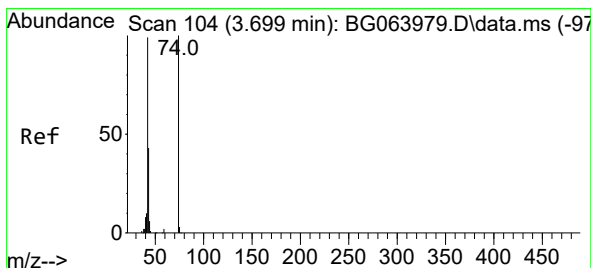
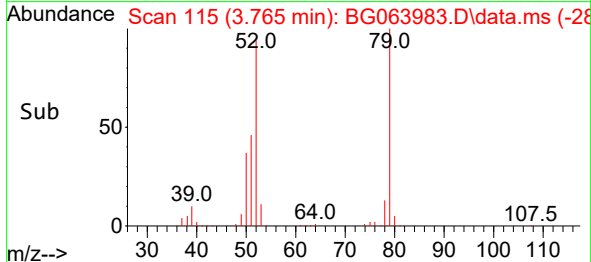
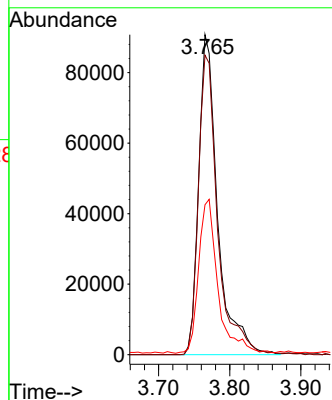
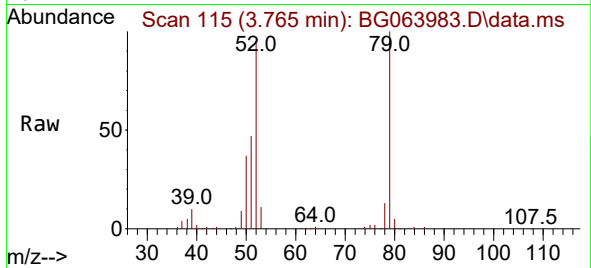




#3
 Pyridine
 Concen: 36.743 ng
 RT: 3.765 min Scan# 11
 Delta R.T. -0.016 min
 Lab File: BG063983.D
 Acq: 3 Feb 2025 16:59

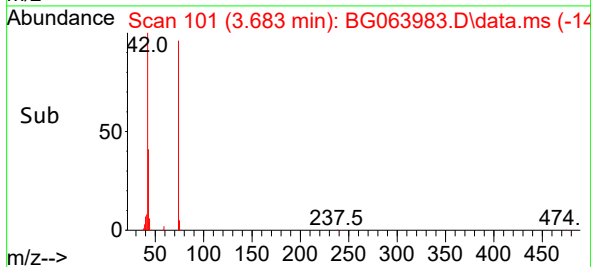
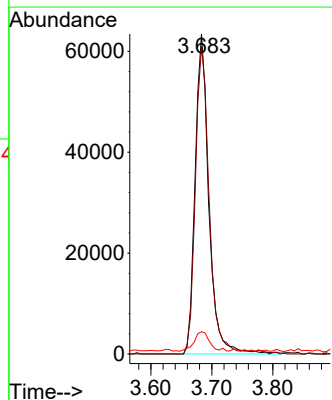
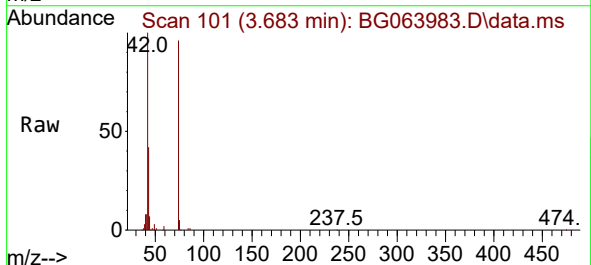
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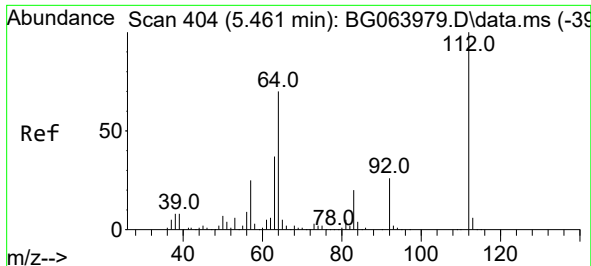
Tgt Ion: 79 Resp: 169145
 Ion Ratio Lower Upper
 79 100
 52 93.6 75.1 112.7
 51 46.8 38.9 58.3



#4
 n-Nitrosodimethylamine
 Concen: 37.410 ng
 RT: 3.683 min Scan# 101
 Delta R.T. -0.016 min
 Lab File: BG063983.D
 Acq: 3 Feb 2025 16:59

Tgt Ion: 42 Resp: 99025
 Ion Ratio Lower Upper
 42 100
 74 96.1 80.8 121.2
 44 6.9 5.8 8.6

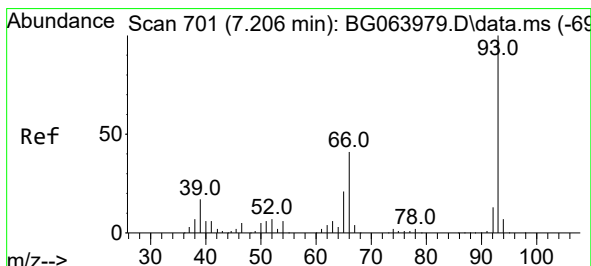
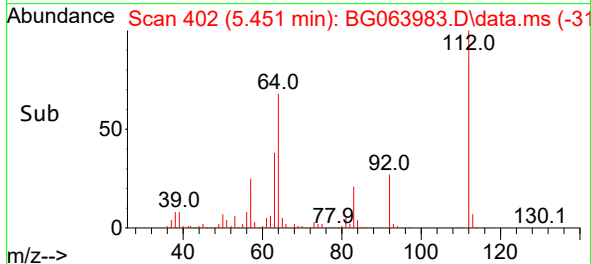
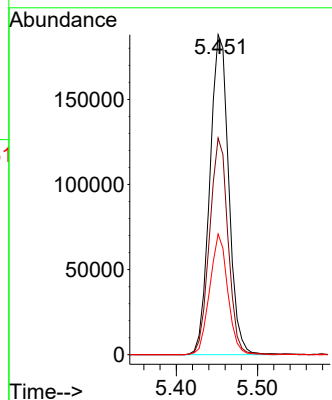
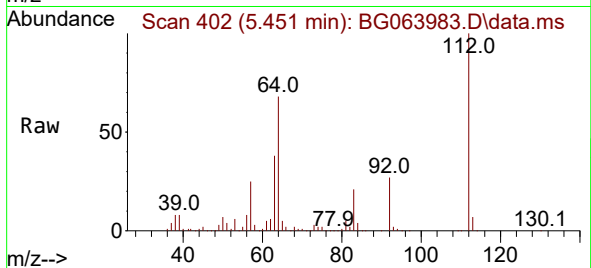




#5
2-Fluorophenol
Concen: 84.592 ng
RT: 5.451 min Scan# 404
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

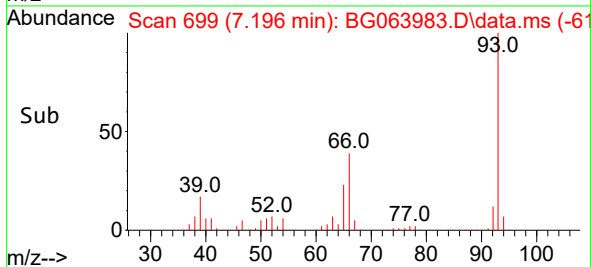
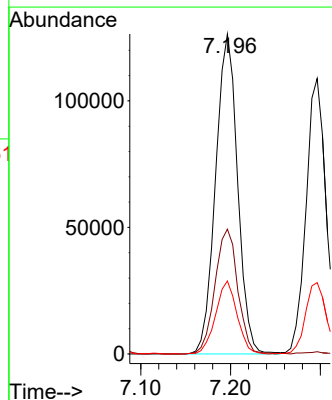
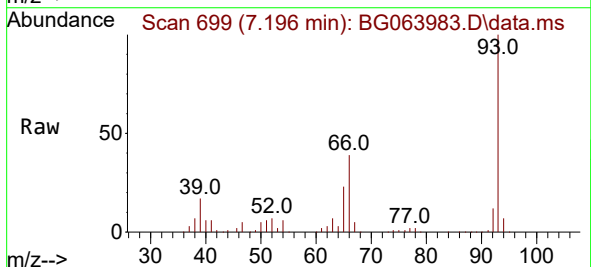
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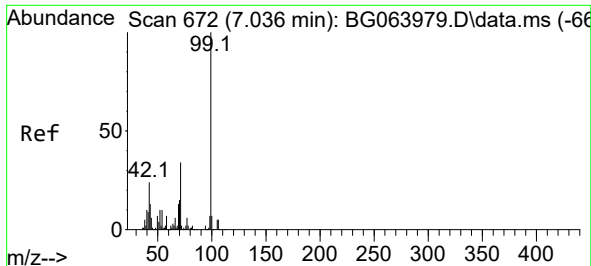
Tgt Ion:112 Resp: 303659
Ion Ratio Lower Upper
112 100
64 67.7 55.8 83.8
63 37.7 29.3 43.9



#6
Aniline
Concen: 40.684 ng
RT: 7.196 min Scan# 699
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion: 93 Resp: 214776
Ion Ratio Lower Upper
93 100
66 39.0 32.5 48.7
65 22.8 16.6 25.0

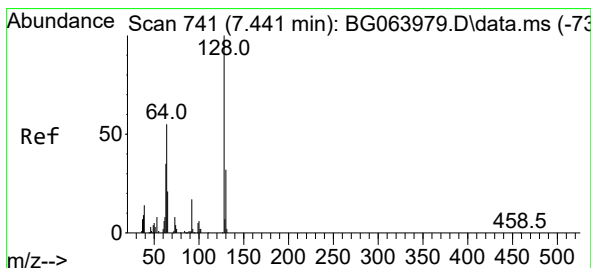
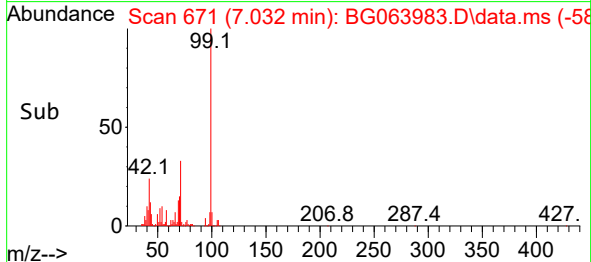
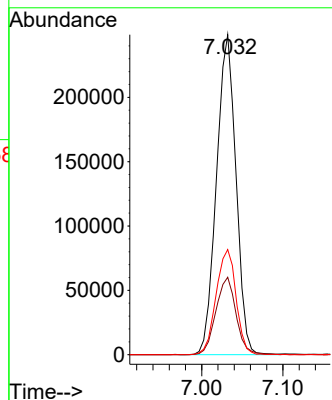
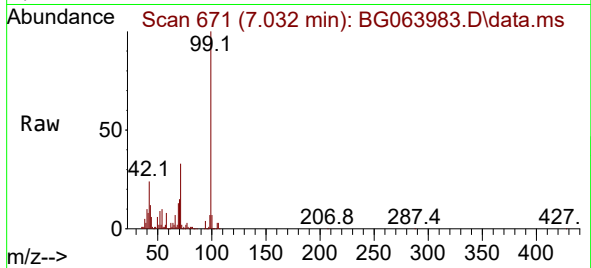




#7
Phenol-d6
Concen: 84.286 ng
RT: 7.032 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

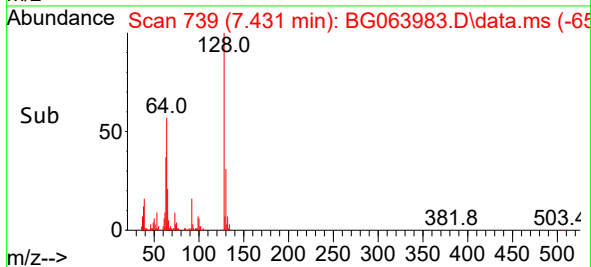
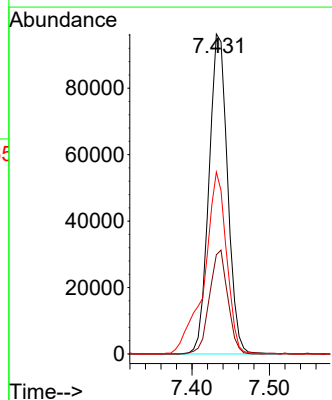
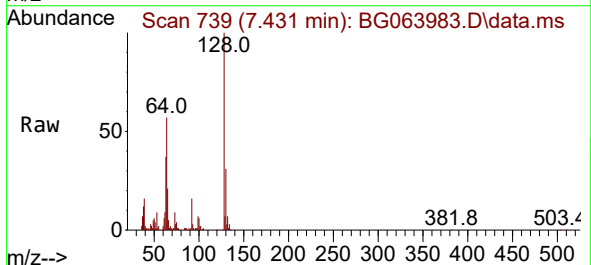
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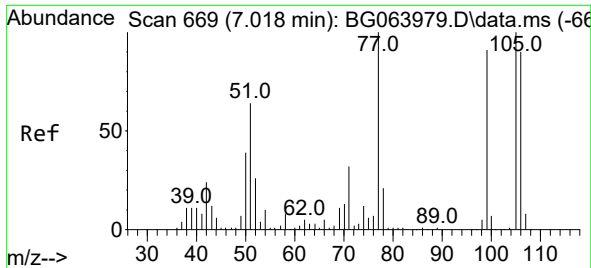
Tgt Ion: 99 Resp: 415210
Ion Ratio Lower Upper
99 100
42 24.2 18.9 28.3
71 32.9 27.0 40.6



#8
2-Chlorophenol
Concen: 43.988 ng
RT: 7.431 min Scan# 739
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:128 Resp: 160902
Ion Ratio Lower Upper
128 100
130 31.0 11.9 51.9
64 56.8 36.8 76.8

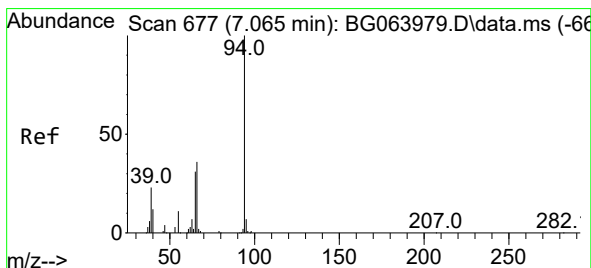
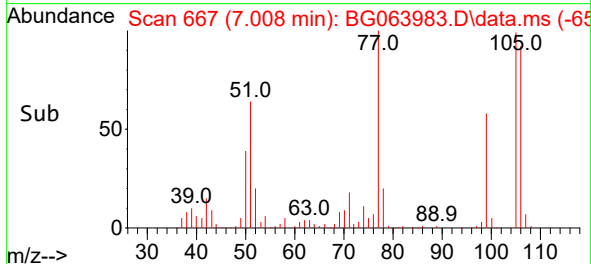
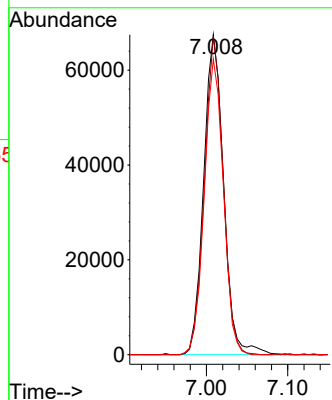
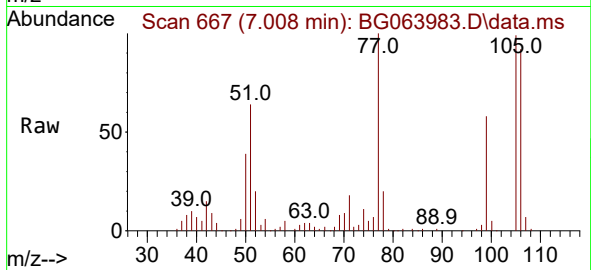




#9
Benzaldehyde
Concen: 42.712 ng
RT: 7.008 min Scan# 609
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

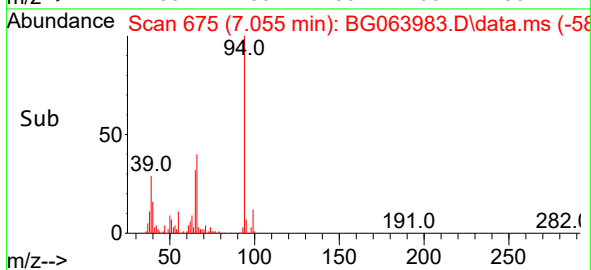
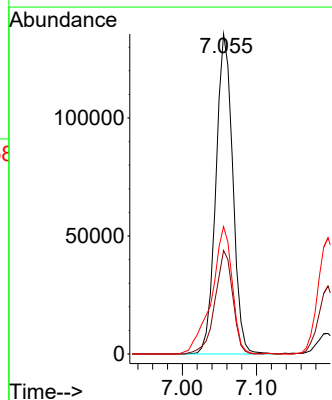
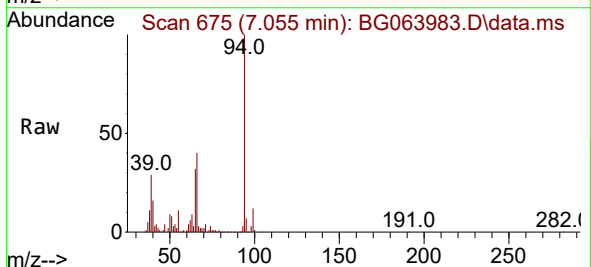
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ClientSampleId :
ICVBG020325

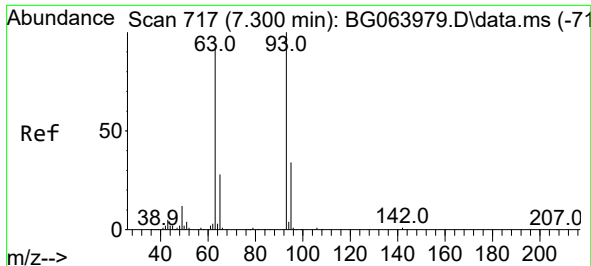
Tgt Ion: 77 Resp: 114865
Ion Ratio Lower Upper
77 100
105 99.4 79.8 119.8
106 92.4 69.9 109.9



#10
Phenol
Concen: 41.261 ng
RT: 7.055 min Scan# 675
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion: 94 Resp: 213959
Ion Ratio Lower Upper
94 100
65 32.3 11.4 51.4
66 39.8 16.7 56.7

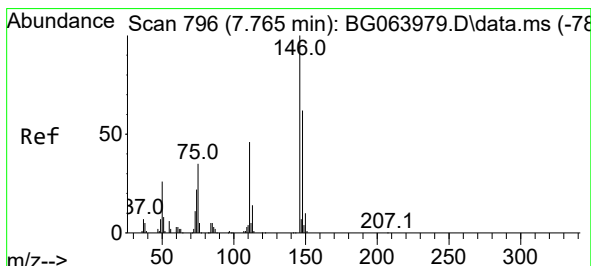
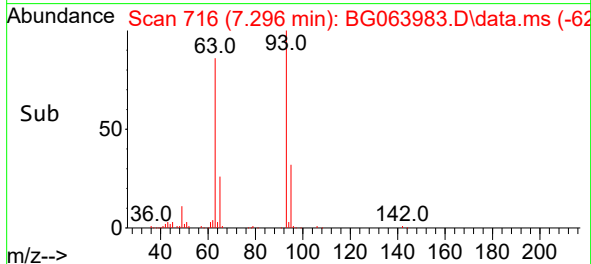
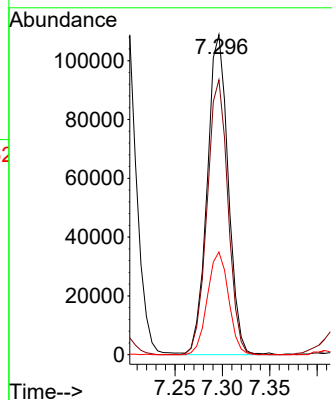
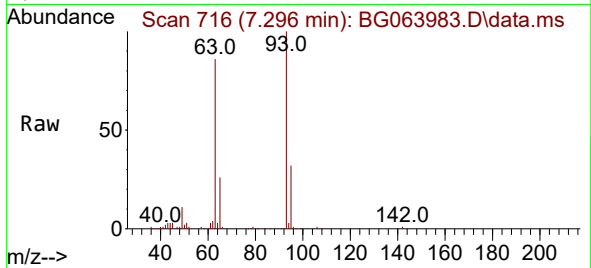




#11
bis(2-Chloroethyl)ether
Concen: 40.215 ng
RT: 7.296 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

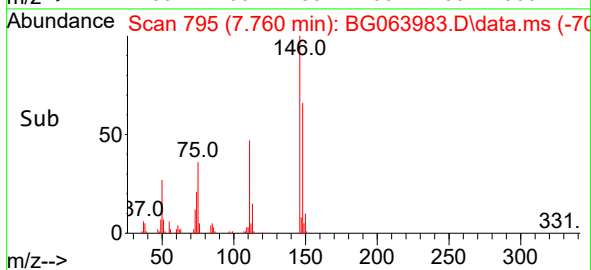
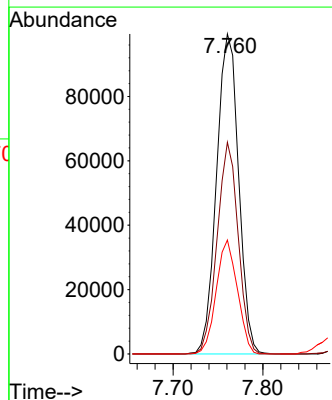
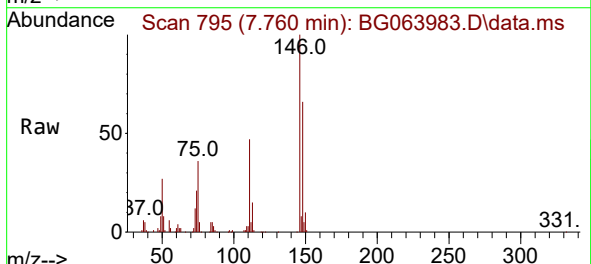
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

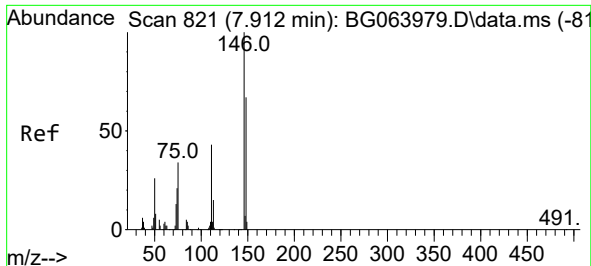
Tgt Ion: 93 Resp: 167924
Ion Ratio Lower Upper
93 100
63 85.9 71.2 111.2
95 32.1 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 38.949 ng
RT: 7.760 min Scan# 795
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:146 Resp: 169528
Ion Ratio Lower Upper
146 100
148 66.2 49.6 74.4
75 35.6 27.8 41.8

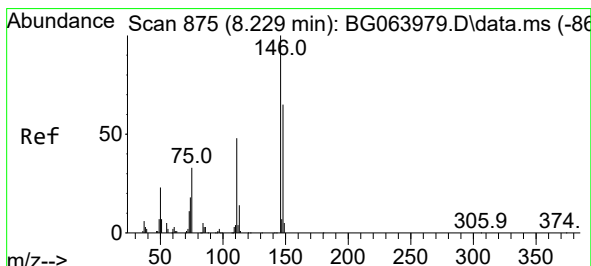
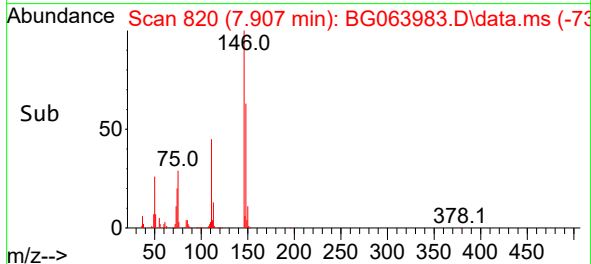
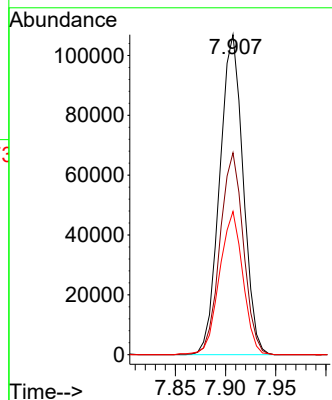
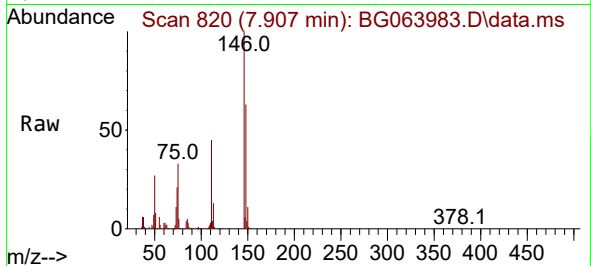




#13
1,4-Dichlorobenzene
Concen: 39.435 ng
RT: 7.907 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

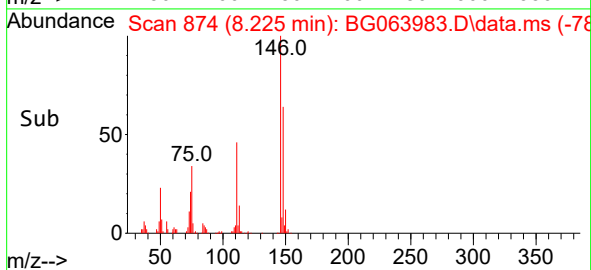
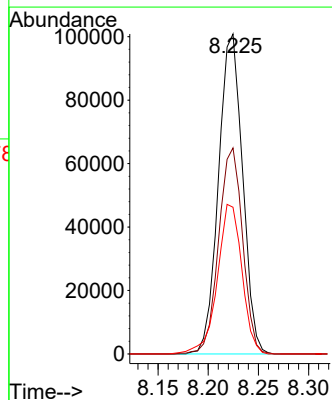
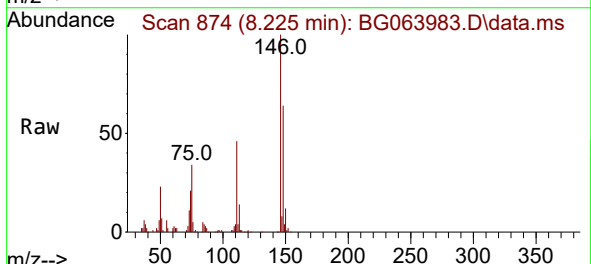
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

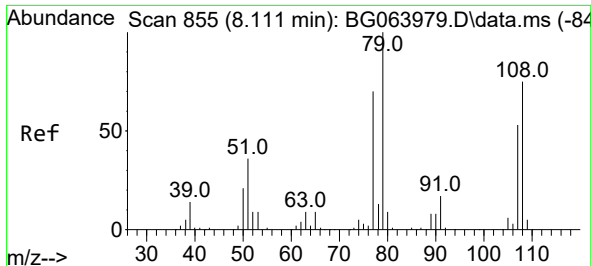
Tgt Ion:146 Resp: 173349
Ion Ratio Lower Upper
146 100
148 63.1 53.3 79.9
111 44.8 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 39.891 ng
RT: 8.225 min Scan# 874
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:146 Resp: 168069
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
111 45.8 38.2 57.2

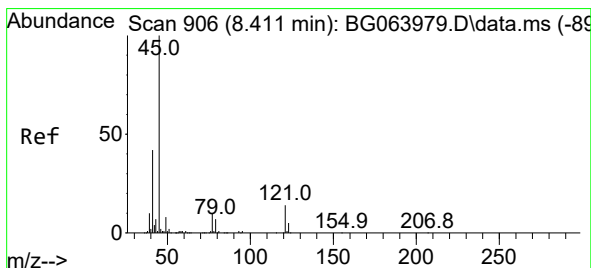
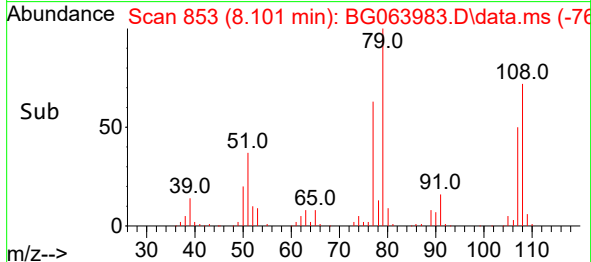
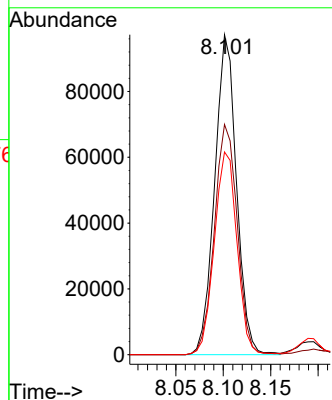
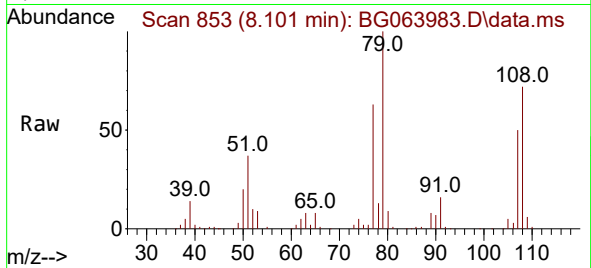




#15
Benzyl Alcohol
Concen: 42.312 ng
RT: 8.101 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

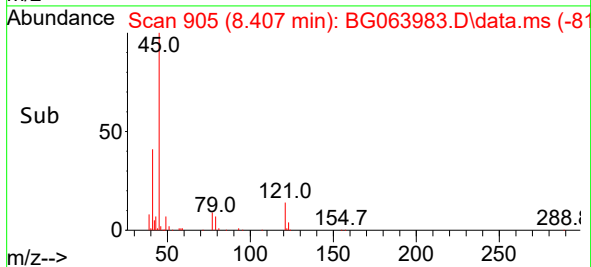
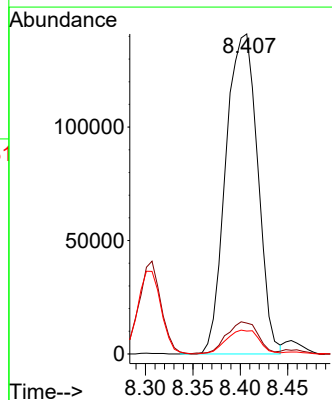
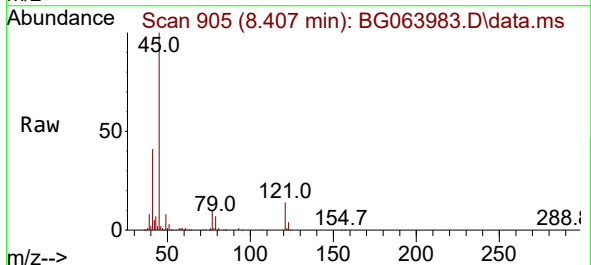
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

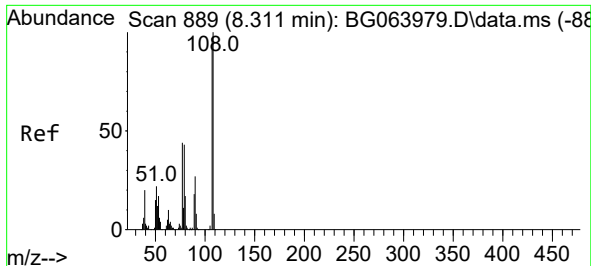
Tgt Ion: 79 Resp: 155797
Ion Ratio Lower Upper
79 100
108 72.0 60.3 90.5
77 63.3 55.8 83.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.171 ng
RT: 8.407 min Scan# 905
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

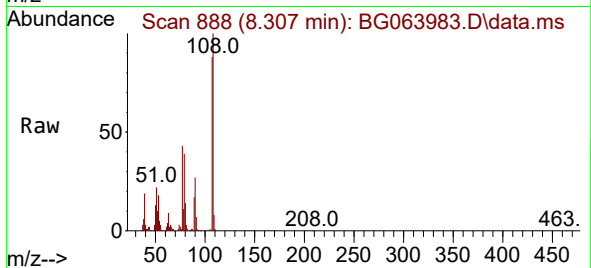
Tgt Ion: 45 Resp: 329368
Ion Ratio Lower Upper
45 100
77 9.6 0.0 29.8
79 7.1 0.0 27.7



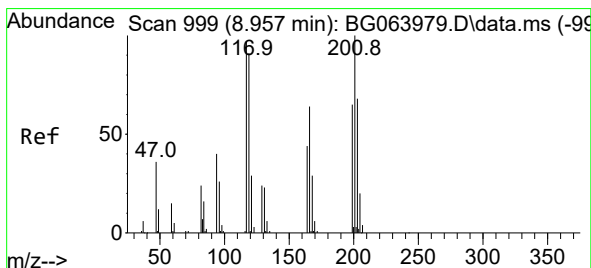
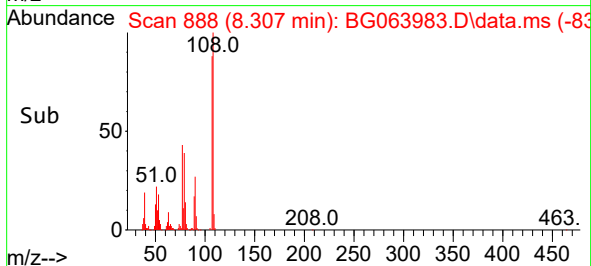
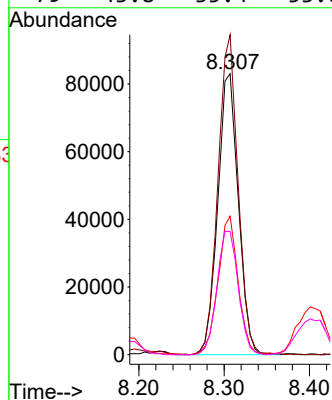


#17
2-Methylphenol
Concen: 41.505 ng
RT: 8.307 min Scan# 888
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Instrument :
BNA_G
ClientSampleId :
ICVBG020325

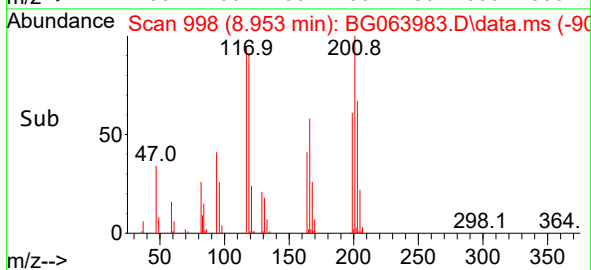
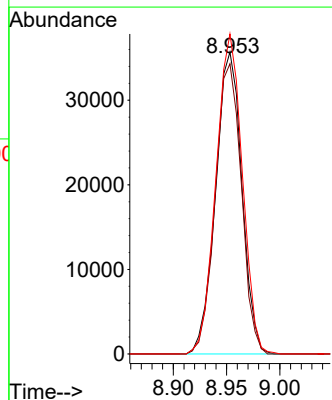
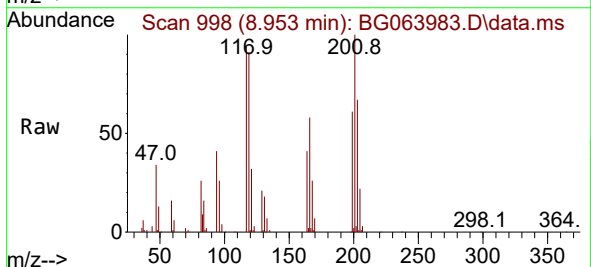


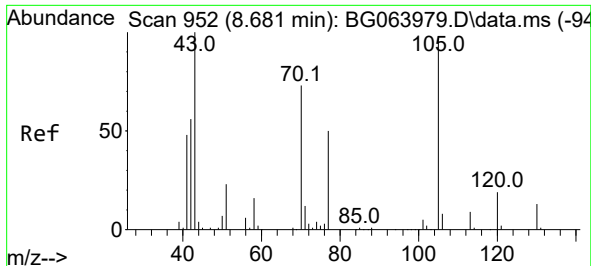
Tgt Ion:	107	Resp:	139196
Ion	Ratio	Lower	Upper
107	100		
108	113.9	82.9	124.3
77	49.3	36.4	54.6
79	43.8	35.4	53.0



#18
Hexachloroethane
Concen: 42.225 ng
RT: 8.953 min Scan# 998
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:	117	Resp:	61086
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
201	106.0	82.4	123.6

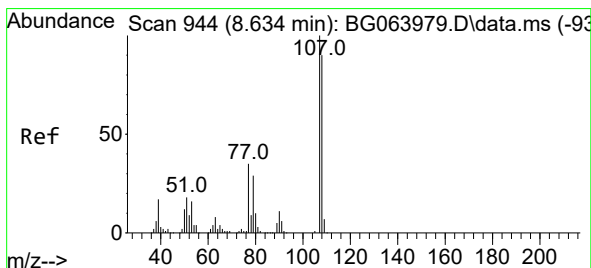
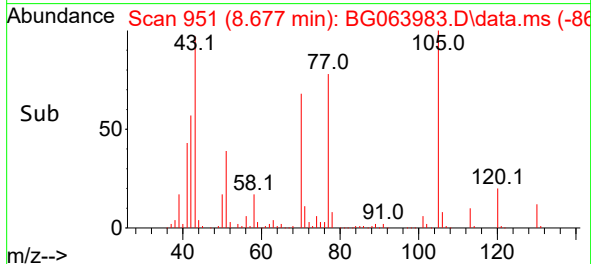
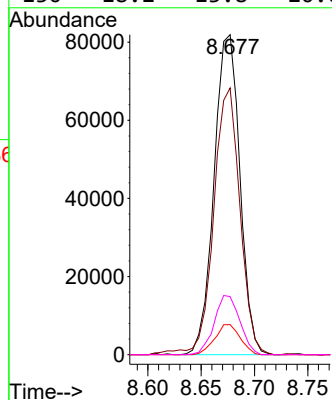
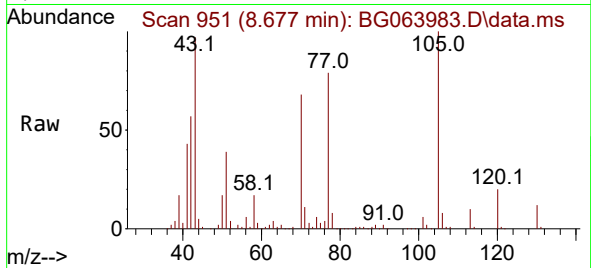




#19
n-Nitroso-di-n-propylamine
Concen: 40.479 ng
RT: 8.677 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

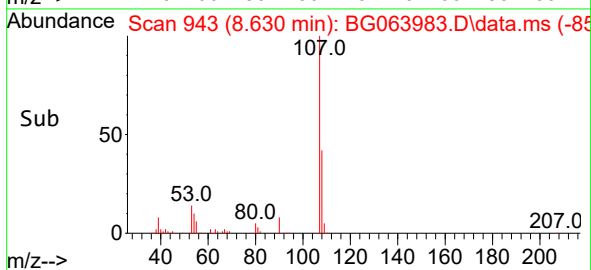
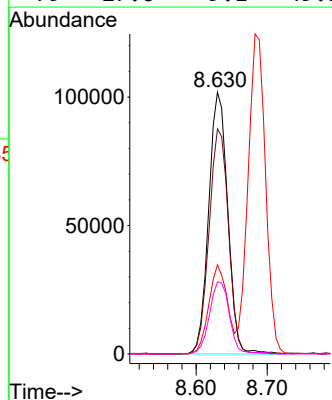
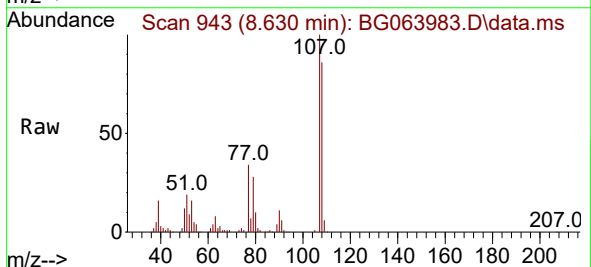
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

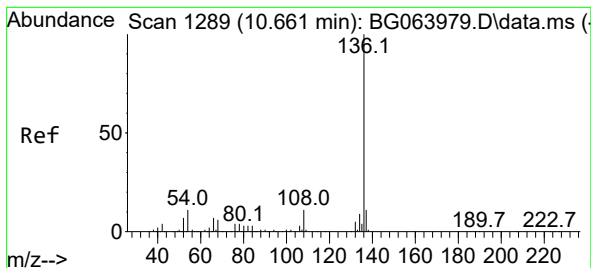
Tgt Ion: 70 Resp: 138092
Ion Ratio Lower Upper
70 100
42 83.4 62.2 93.4
101 9.4 5.6 8.4#
130 18.2 13.8 20.6



#20
3+4-Methylphenols
Concen: 42.374 ng
RT: 8.630 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:107 Resp: 189329
Ion Ratio Lower Upper
107 100
108 86.0 70.0 110.0
77 34.0 15.2 55.2
79 27.6 9.1 49.1



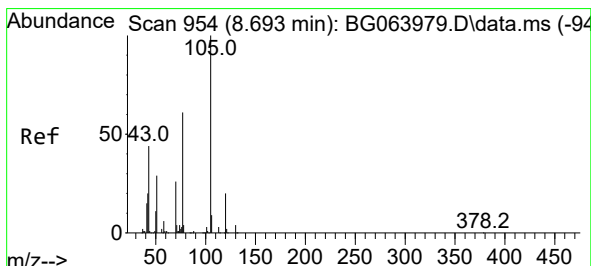
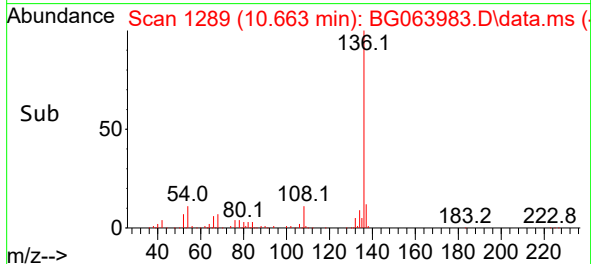
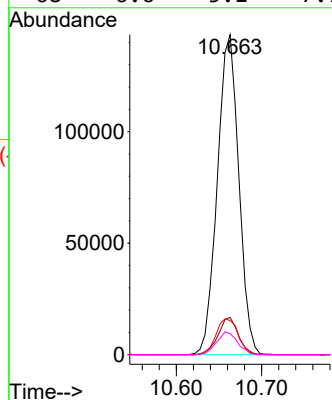
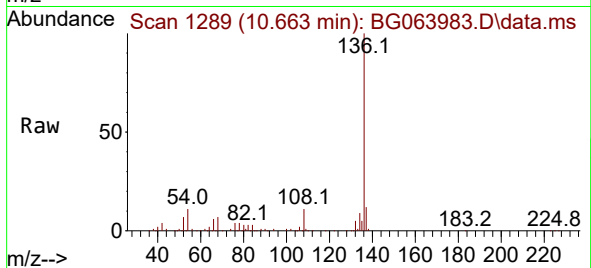


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1289
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Instrument :
BNA_G
ClientSampleId :
ICVBG020325

Tgt Ion:136 Resp: 250776

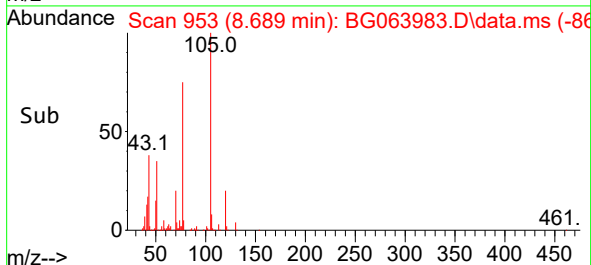
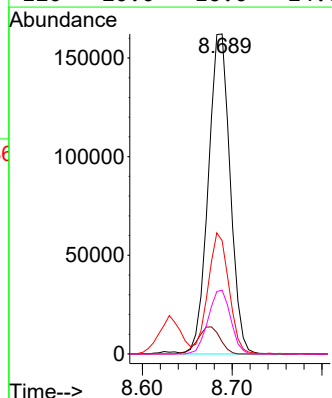
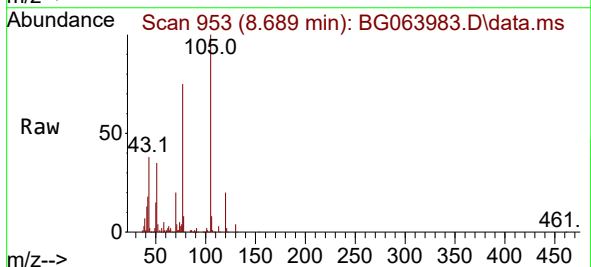
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.7	9.2	13.8
68	6.6	5.1	7.7

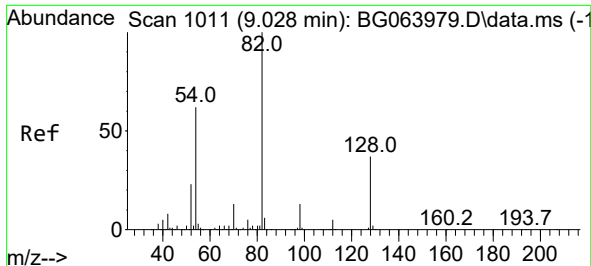


#22
Acetophenone
Concen: 39.753 ng
RT: 8.689 min Scan# 953
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:105 Resp: 273908

Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.1	4.7
51	35.4	29.9	44.9
120	20.0	16.0	24.0

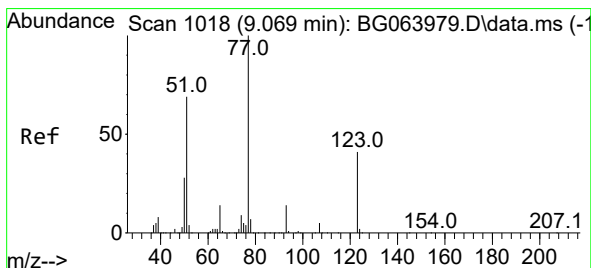
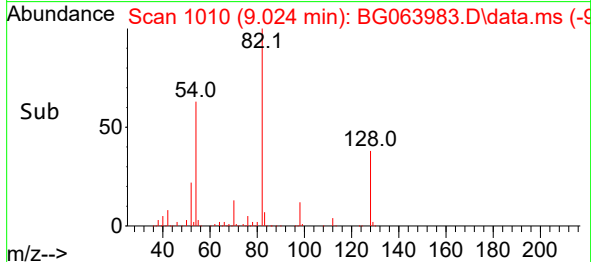
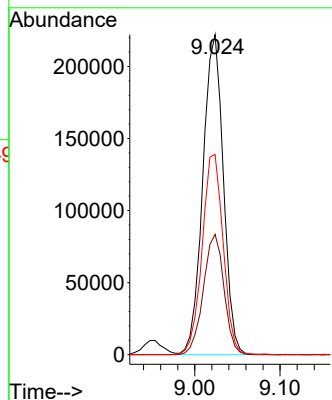
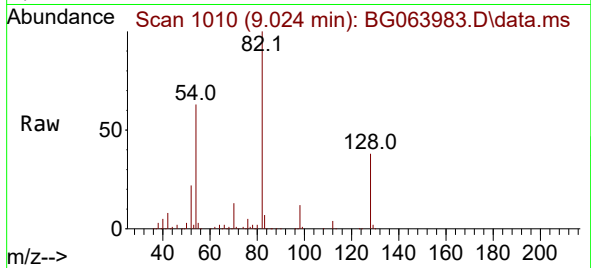




#23
Nitrobenzene-d5
Concen: 90.016 ng
RT: 9.024 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

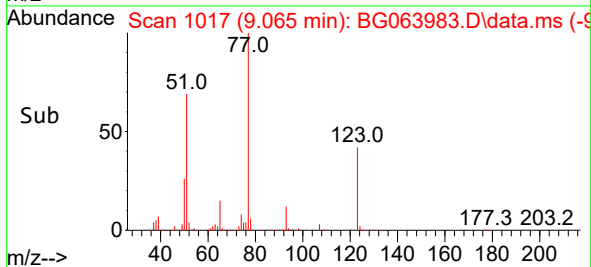
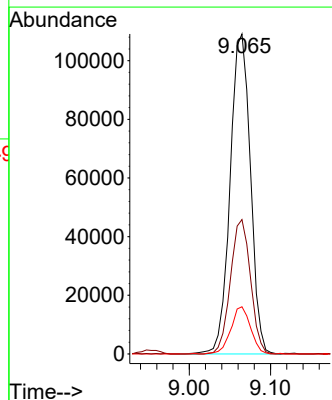
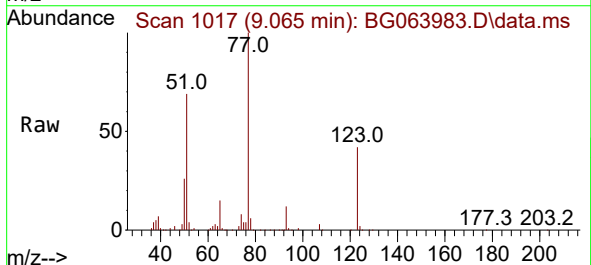
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

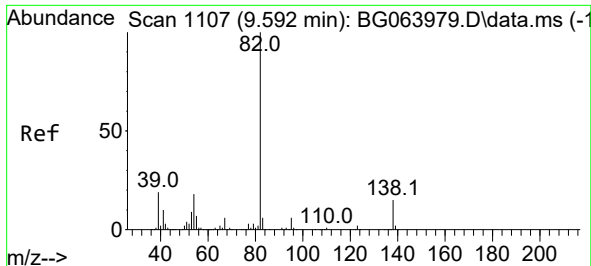
Tgt Ion: 82 Resp: 371433
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 62.6 49.9 74.9



#24
Nitrobenzene
Concen: 40.346 ng
RT: 9.065 min Scan# 1017
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion: 77 Resp: 189280
Ion Ratio Lower Upper
77 100
123 42.0 32.9 49.3
65 14.7 11.0 16.6

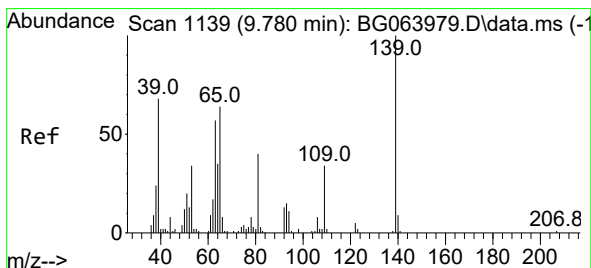
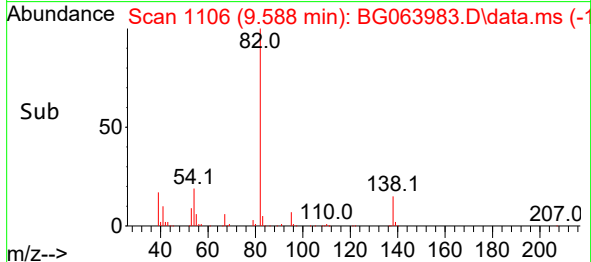
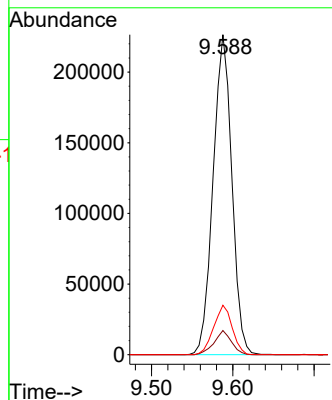
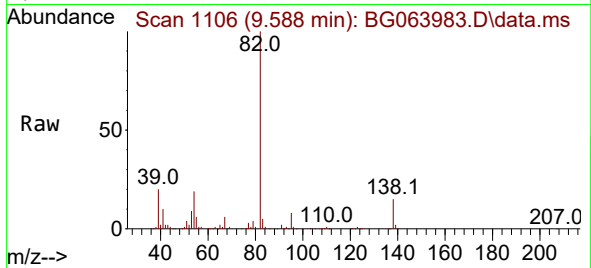




#25
Isophorone
Concen: 40.583 ng
RT: 9.588 min Scan# 1106
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

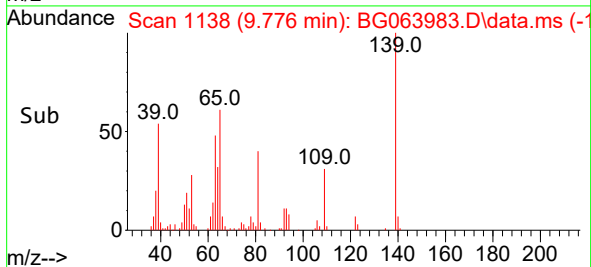
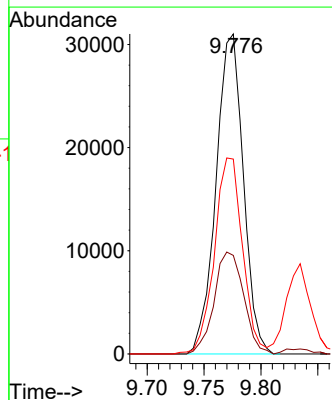
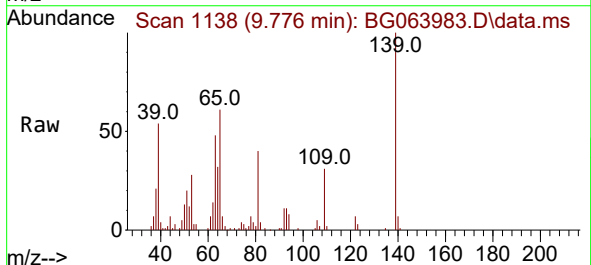
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

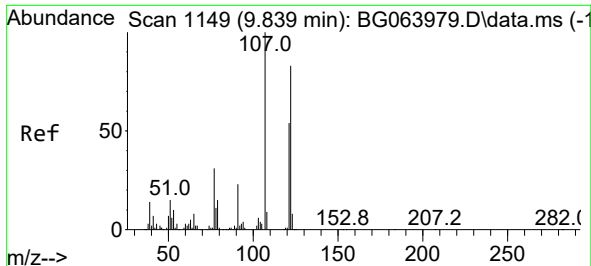
Tgt Ion: 82 Resp: 363011
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4#
138 15.4 12.2 18.4



#26
2-Nitrophenol
Concen: 47.433 ng
RT: 9.776 min Scan# 1138
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:139 Resp: 51914
Ion Ratio Lower Upper
139 100
109 30.8 27.1 40.7
65 60.9 51.0 76.6

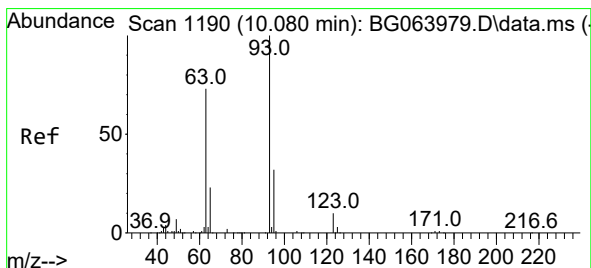
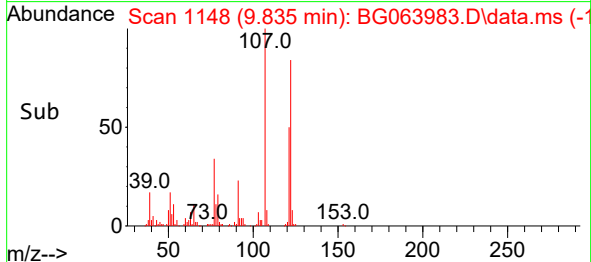
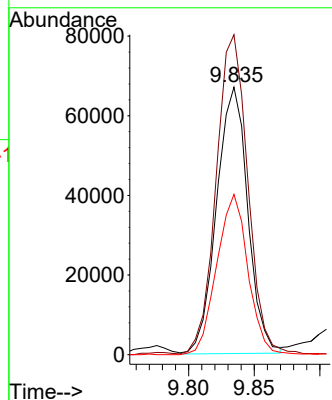
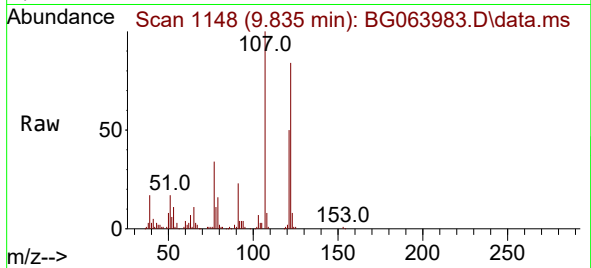




#27
2,4-Dimethylphenol
Concen: 42.963 ng
RT: 9.835 min Scan# 1149
Delta R.T. -0.005 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

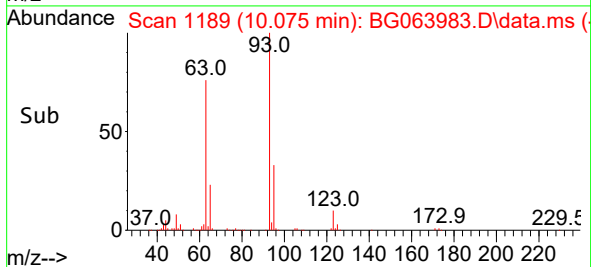
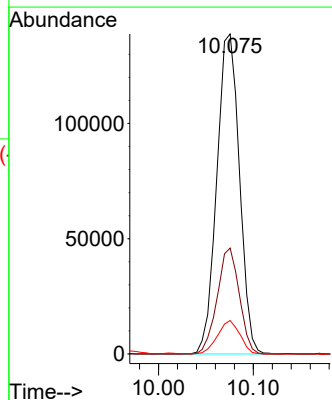
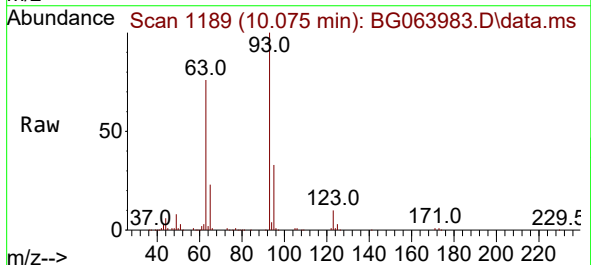
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

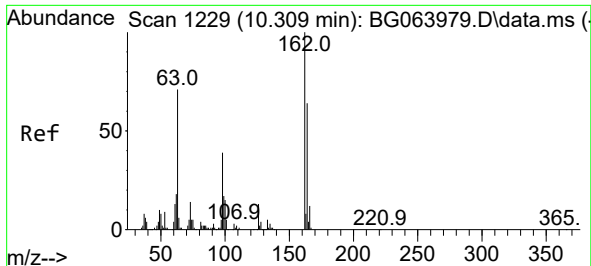
Tgt Ion:122 Resp: 110547
Ion Ratio Lower Upper
122 100
107 119.6 96.4 144.6
121 59.9 51.8 77.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.478 ng
RT: 10.075 min Scan# 1189
Delta R.T. -0.005 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion: 93 Resp: 230391
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 10.4 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 41.051 ng

RT: 10.305 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

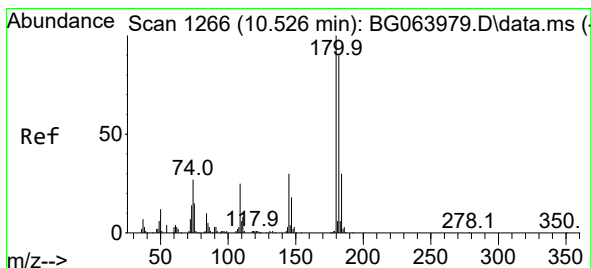
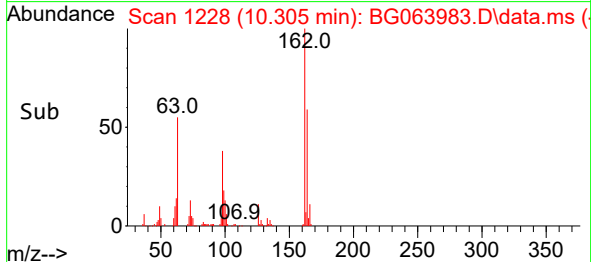
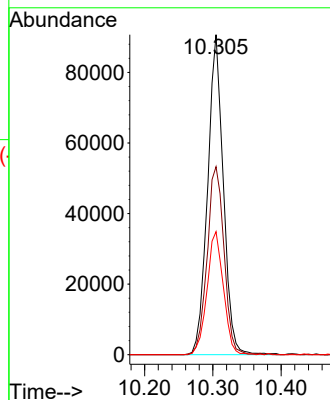
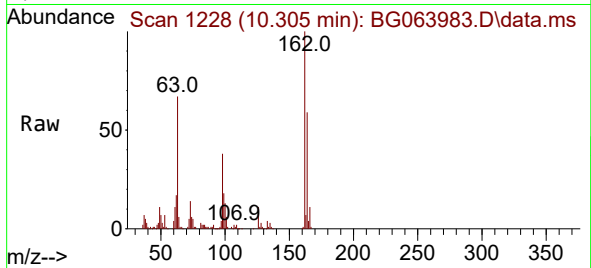
Tgt Ion:162 Resp: 145586

Ion Ratio Lower Upper

162 100

164 58.8 43.6 83.6

98 38.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.645 ng

RT: 10.522 min Scan# 1265

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

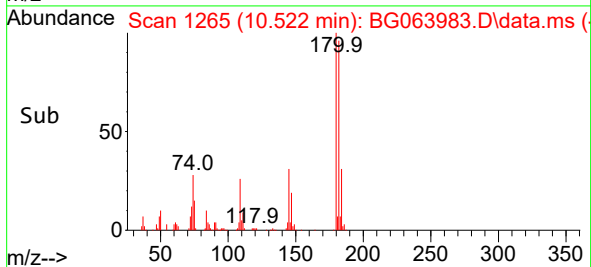
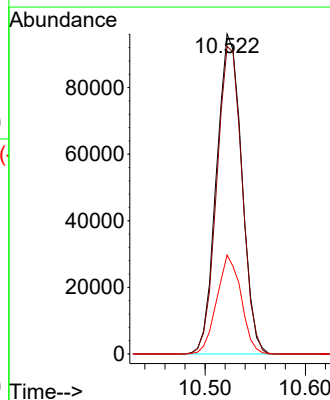
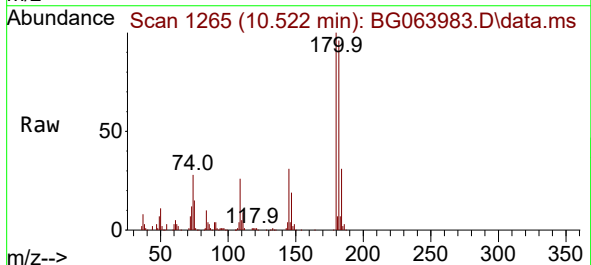
Tgt Ion:180 Resp: 167591

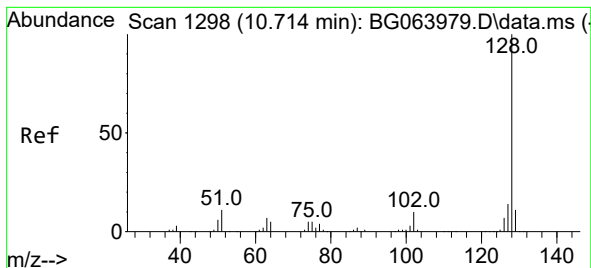
Ion Ratio Lower Upper

180 100

182 96.1 72.3 108.5

145 30.9 23.8 35.8

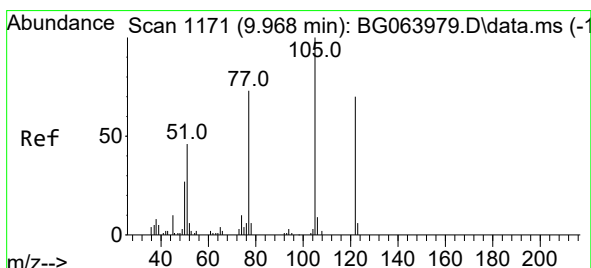
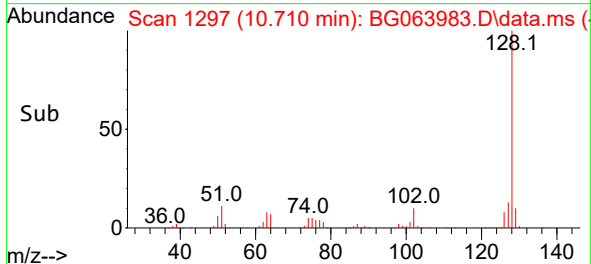
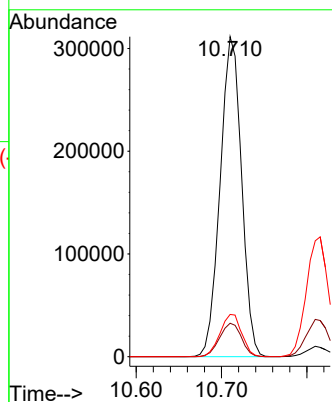
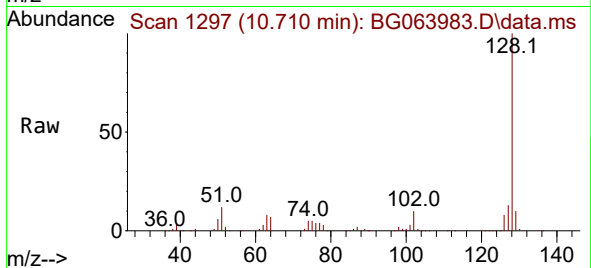




#31
Naphthalene
Concen: 40.345 ng
RT: 10.710 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

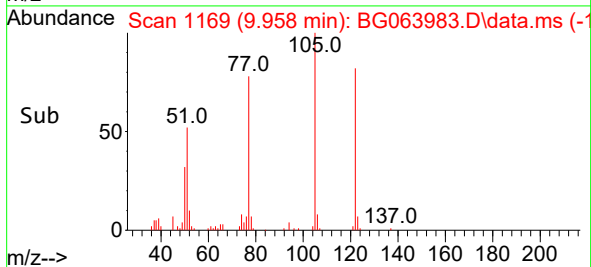
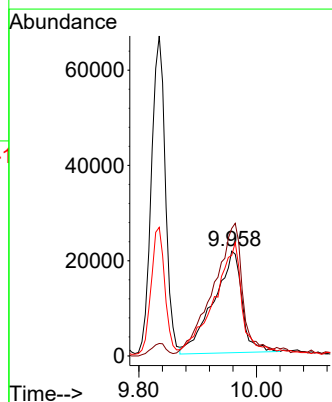
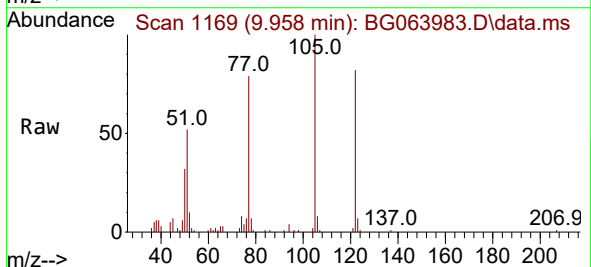
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

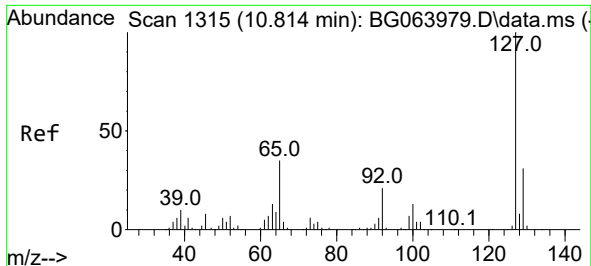
Tgt Ion:128 Resp: 542435
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 44.213 ng
RT: 9.958 min Scan# 1169
Delta R.T. -0.010 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:122 Resp: 71704
Ion Ratio Lower Upper
122 100
105 121.7 117.9 157.9
77 96.0 83.9 123.9

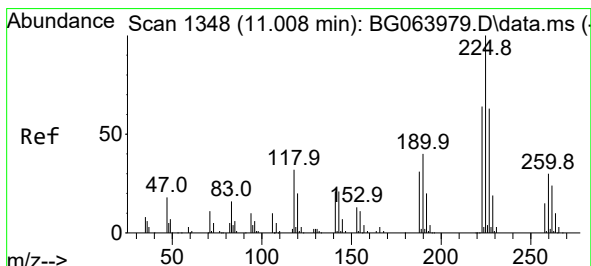
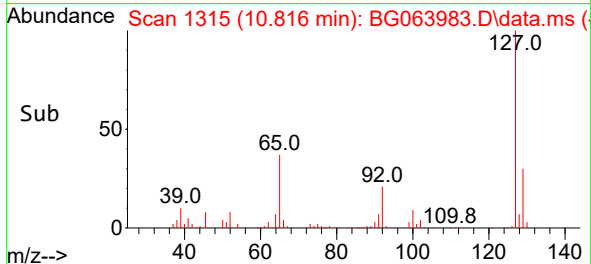
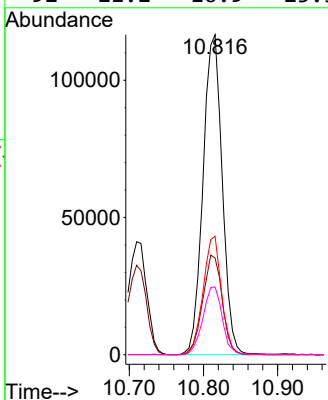
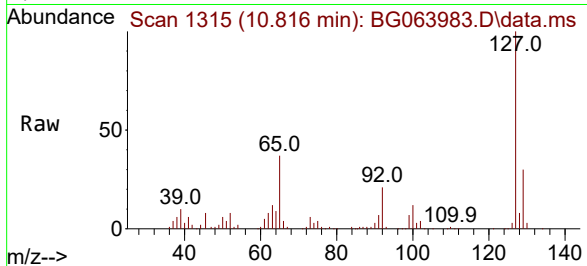




#33
4-Chloroaniline
Concen: 40.771 ng
RT: 10.816 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

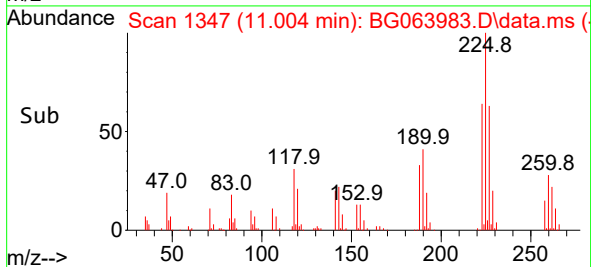
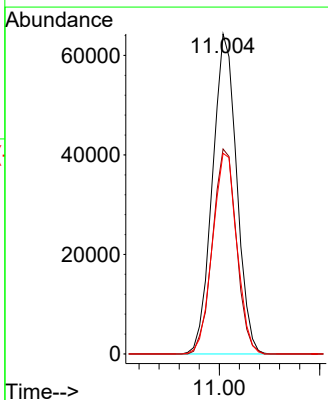
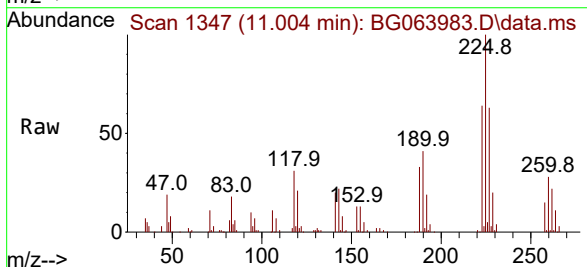
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

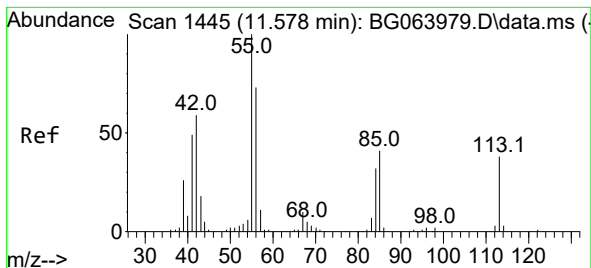
Tgt Ion:	127	Resp:	210025
Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.9	37.3
65	37.0	28.2	42.4
92	21.2	16.9	25.3



#34
Hexachlorobutadiene
Concen: 39.935 ng
RT: 11.004 min Scan# 1347
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:	225	Resp:	107507
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	62.7	50.3	75.5





#35

Caprolactam

Concen: 42.136 ng

RT: 11.574 min Scan# 1445

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

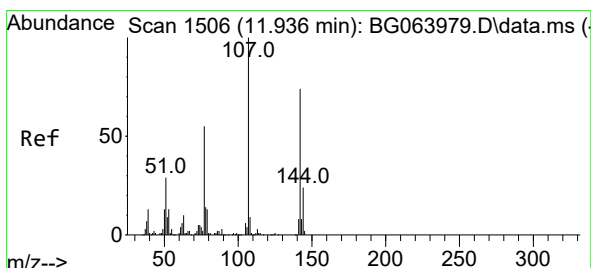
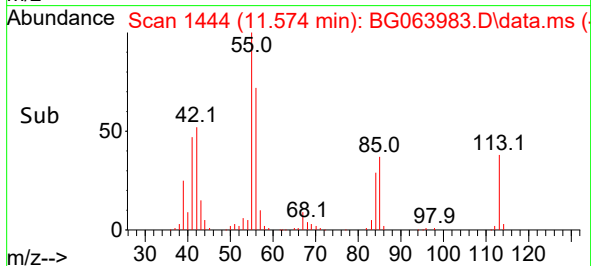
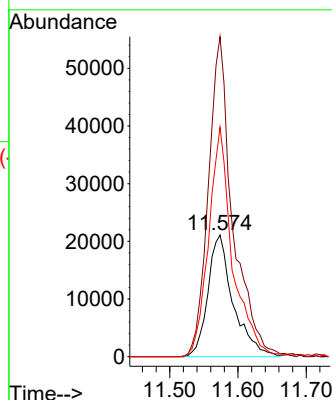
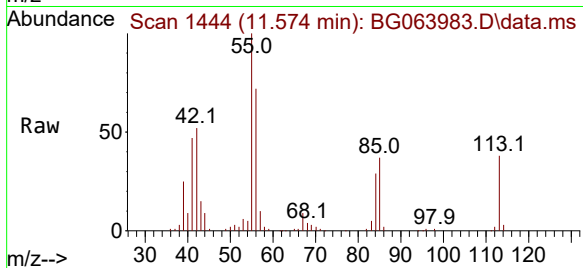
Tgt Ion:113 Resp: 54489

Ion Ratio Lower Upper

113 100

55 263.1 241.8 281.8

56 188.7 171.5 211.5



#36

4-Chloro-3-methylphenol

Concen: 43.869 ng

RT: 11.938 min Scan# 1506

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

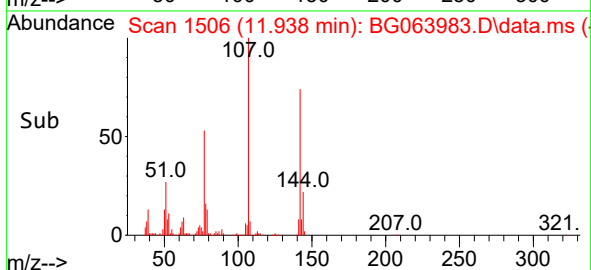
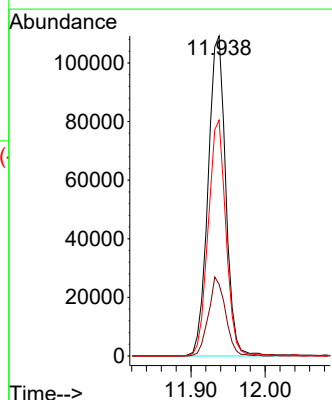
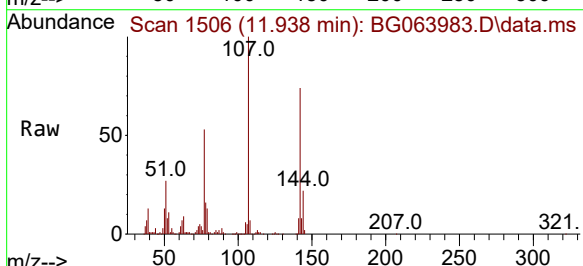
Tgt Ion:107 Resp: 180676

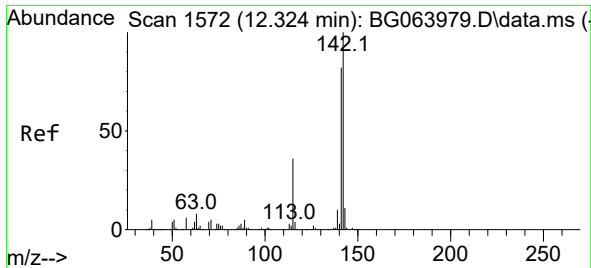
Ion Ratio Lower Upper

107 100

144 22.4 19.2 28.8

142 73.7 58.9 88.3

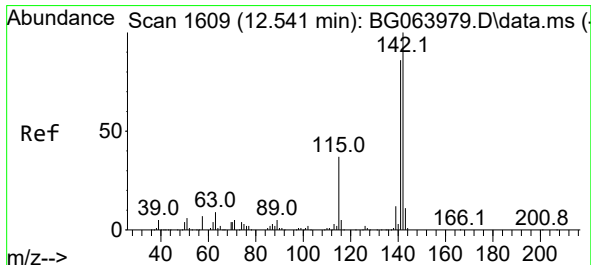
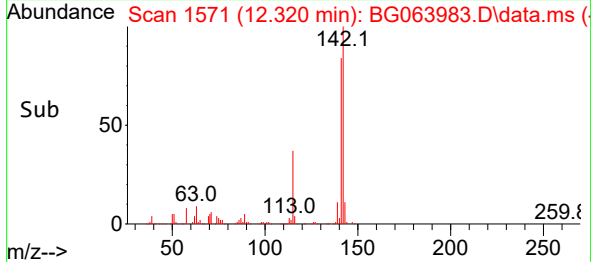
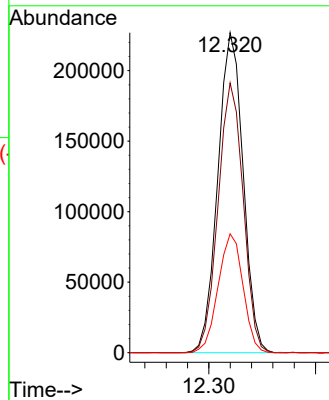
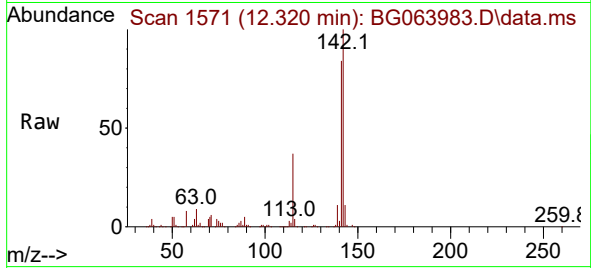




#37
2-Methylnaphthalene
Concen: 39.879 ng
RT: 12.320 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

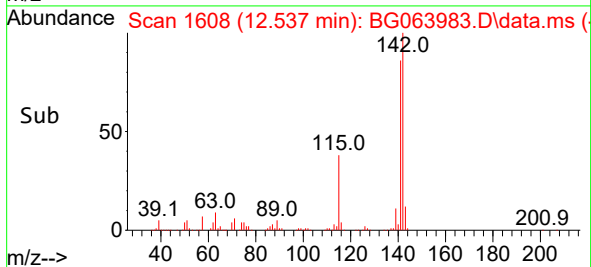
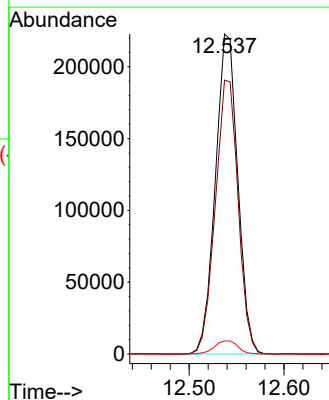
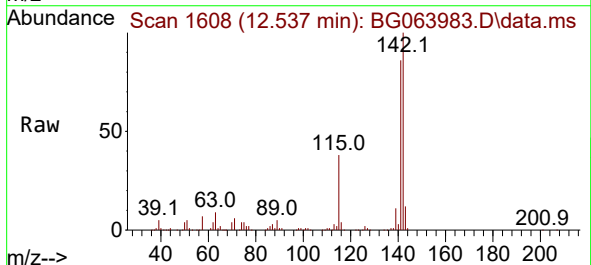
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

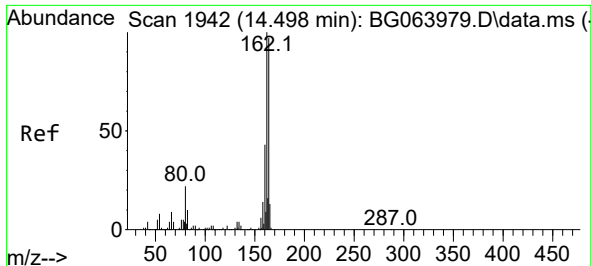
Tgt Ion:142 Resp: 373633
Ion Ratio Lower Upper
142 100
141 84.3 65.8 98.8
115 37.2 28.9 43.3



#38
1-Methylnaphthalene
Concen: 39.490 ng
RT: 12.537 min Scan# 1608
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:142 Resp: 366093
Ion Ratio Lower Upper
142 100
141 85.6 69.2 103.8
116 4.0 3.6 5.4

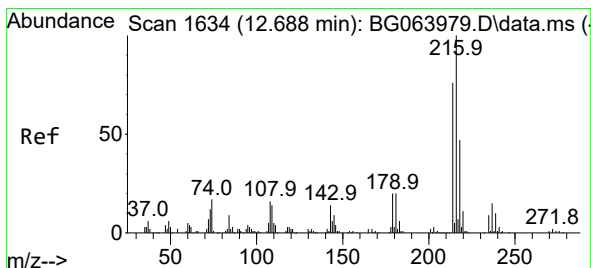
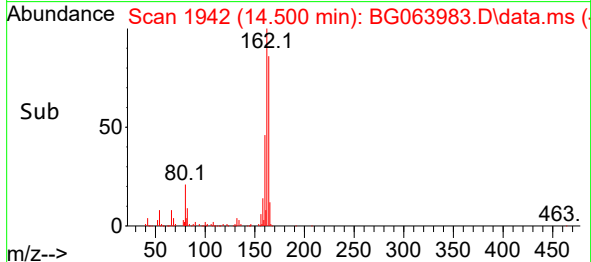
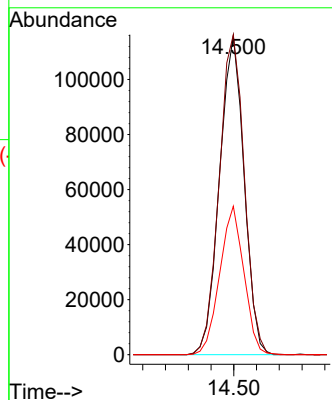
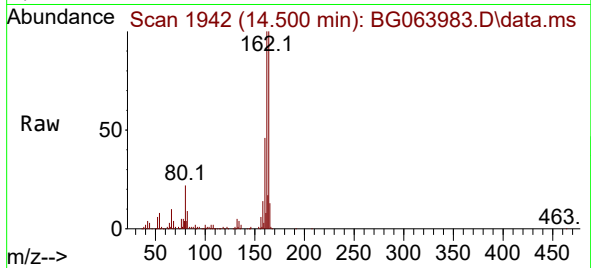




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.500 min Scan# 1942
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

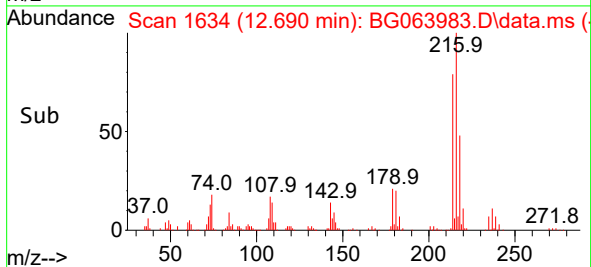
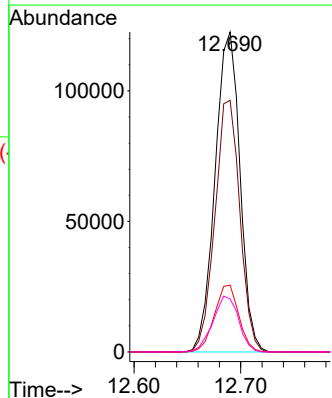
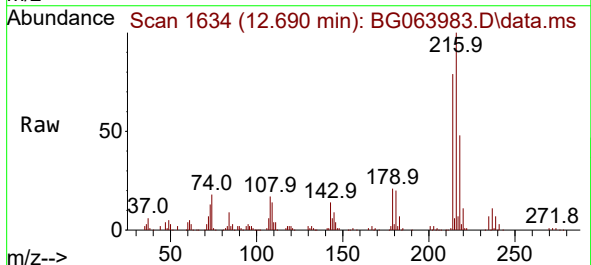
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

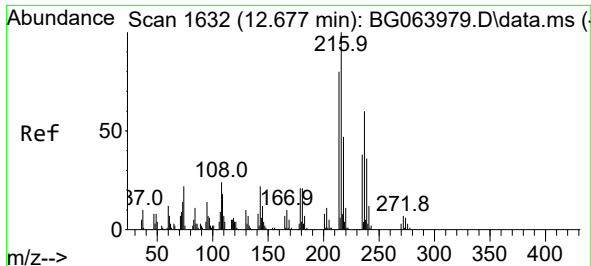
Tgt Ion:164 Resp: 173240
Ion Ratio Lower Upper
164 100
162 100.4 82.3 123.5
160 46.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.841 ng
RT: 12.690 min Scan# 1634
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:216 Resp: 198430
Ion Ratio Lower Upper
216 100
214 78.7 62.9 94.3
179 20.5 16.6 25.0
108 18.0 14.2 21.4

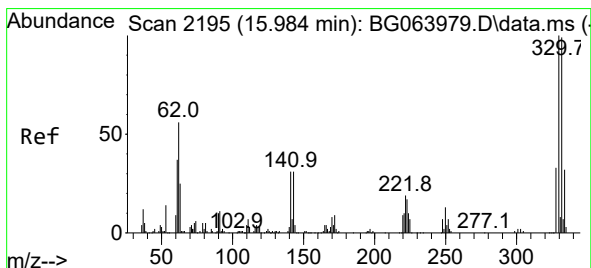
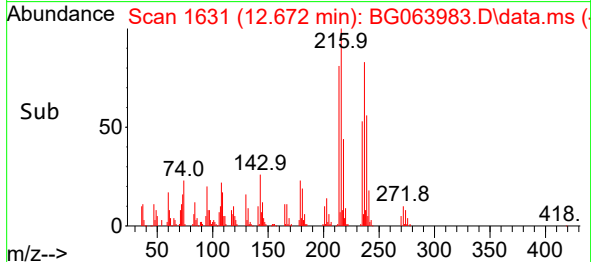
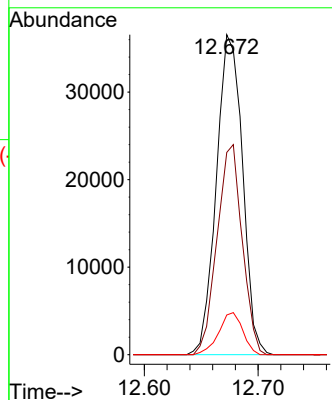
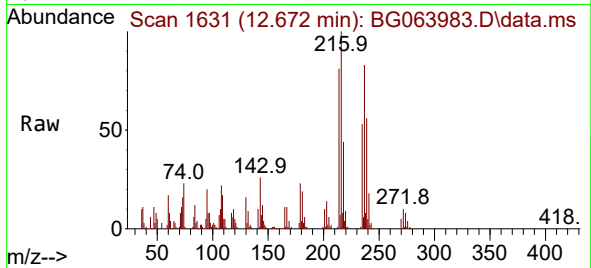




#41
Hexachlorocyclopentadiene
Concen: 45.188 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

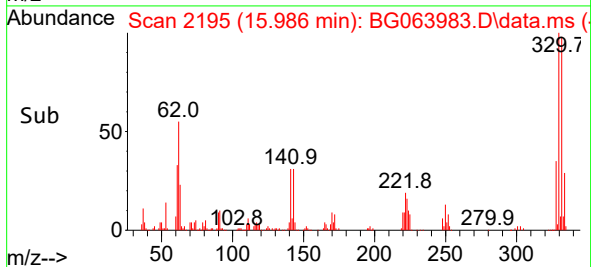
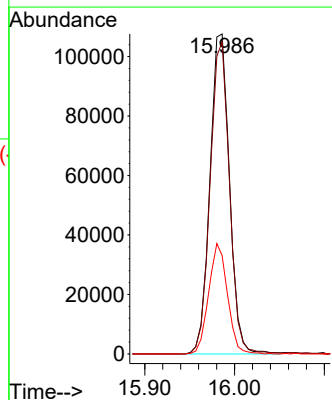
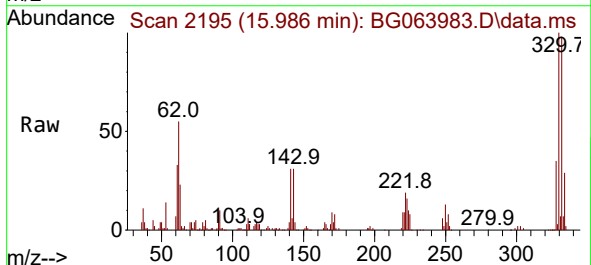
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

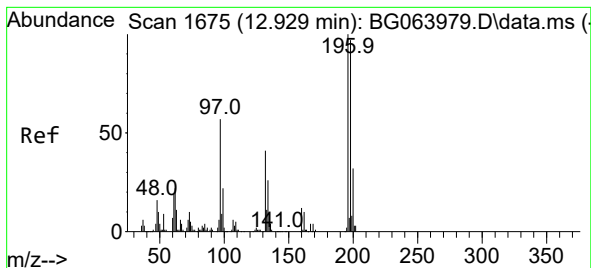
Tgt Ion:237 Resp: 58427
Ion Ratio Lower Upper
237 100
235 63.2 43.8 83.8
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 87.013 ng
RT: 15.986 min Scan# 2195
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:330 Resp: 162679
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 33.2 27.2 40.8





#43

2,4,6-Trichlorophenol

Concen: 40.514 ng

RT: 12.925 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

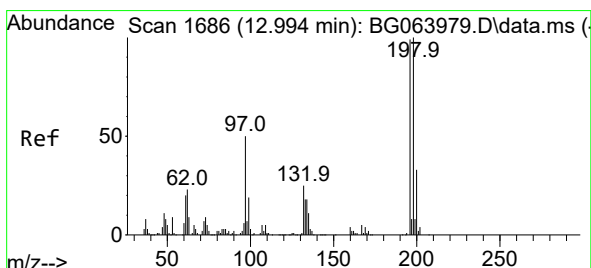
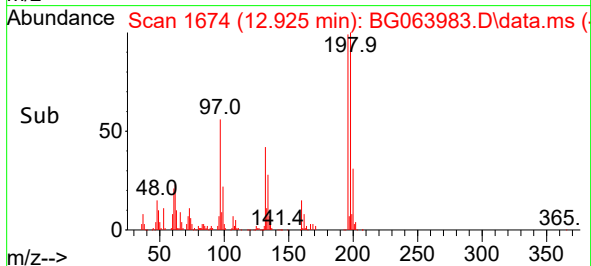
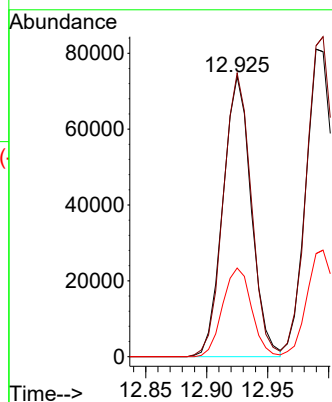
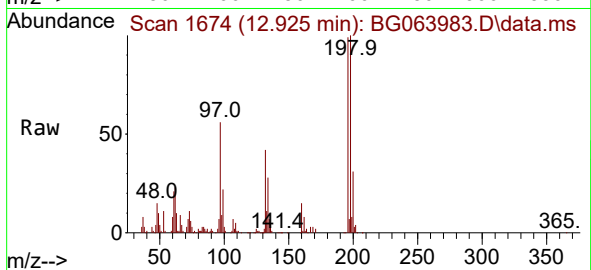
Tgt Ion:196 Resp: 119118

Ion Ratio Lower Upper

196 100

198 101.3 77.9 116.9

200 31.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.400 ng

RT: 12.990 min Scan# 1685

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Tgt Ion:196 Resp: 134165

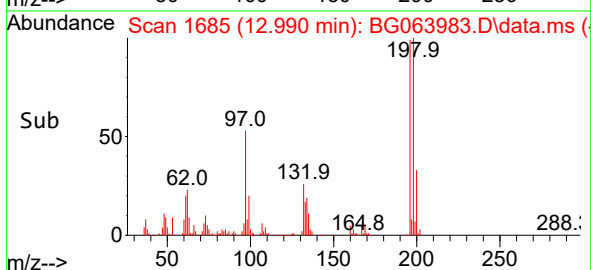
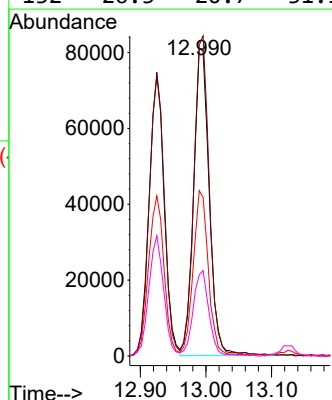
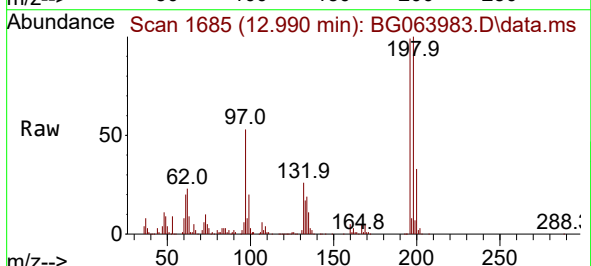
Ion Ratio Lower Upper

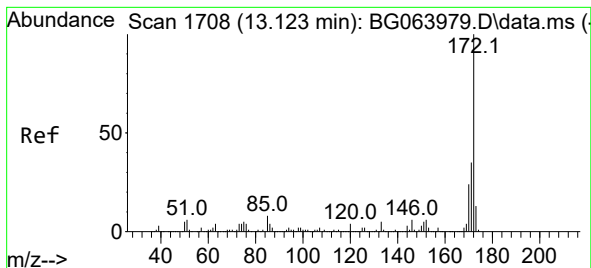
196 100

198 101.1 81.1 121.7

97 53.7 41.2 61.8

132 26.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 76.765 ng

RT: 13.125 min Scan# 1708

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

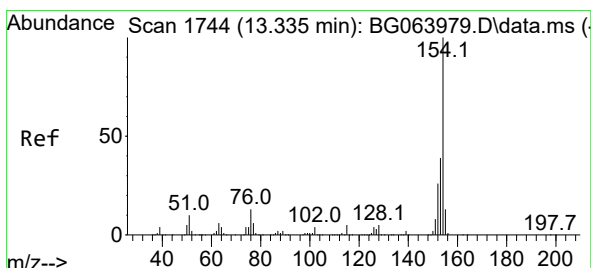
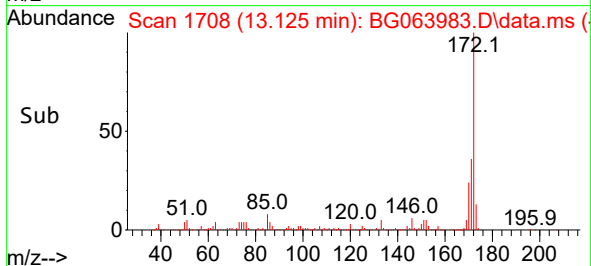
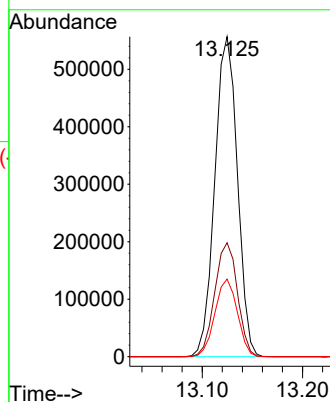
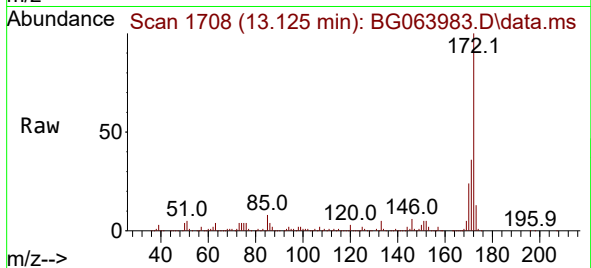
Tgt Ion:172 Resp: 867989

Ion Ratio Lower Upper

172 100

171 35.6 27.8 41.6

170 24.2 19.4 29.2



#46

1,1'-Biphenyl

Concen: 38.170 ng

RT: 13.336 min Scan# 1744

Delta R.T. 0.001 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

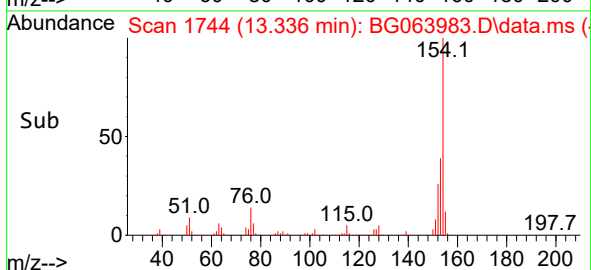
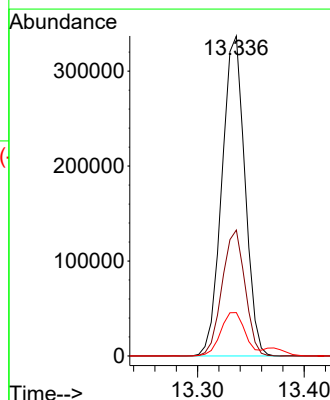
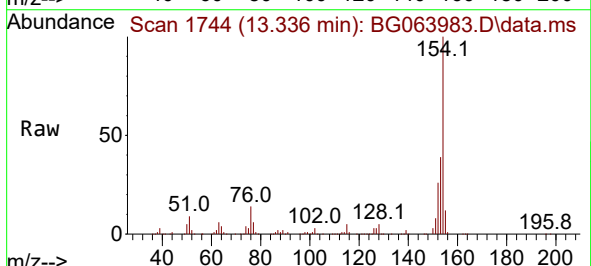
Tgt Ion:154 Resp: 503460

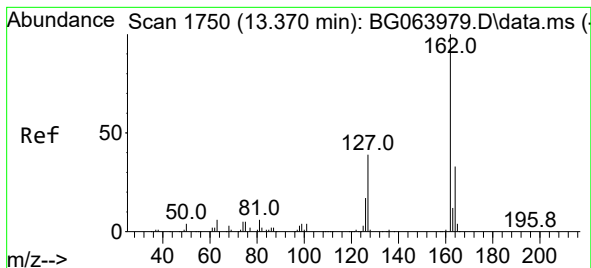
Ion Ratio Lower Upper

154 100

153 39.3 19.3 59.3

76 13.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.515 ng

RT: 13.372 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

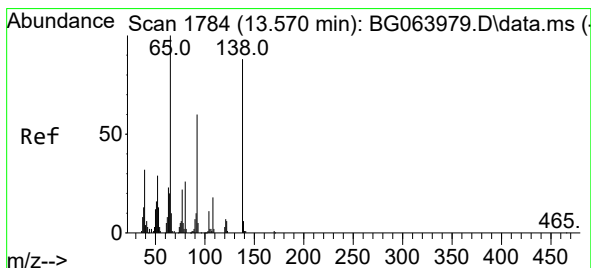
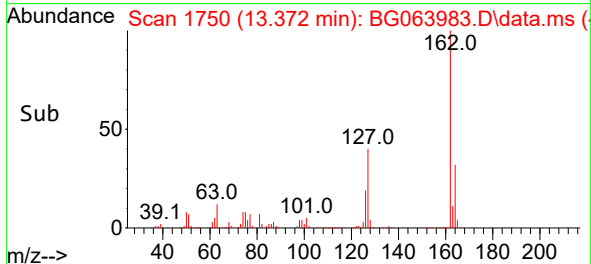
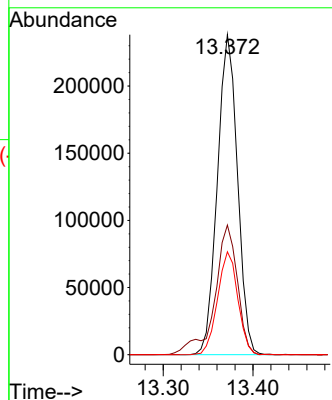
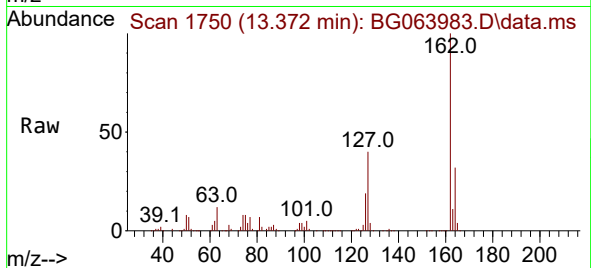
Tgt Ion:162 Resp: 370275

Ion Ratio Lower Upper

162 100

127 40.5 33.4 50.2

164 32.1 26.0 39.0



#48

2-Nitroaniline

Concen: 44.383 ng

RT: 13.565 min Scan# 1783

Delta R.T. -0.005 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

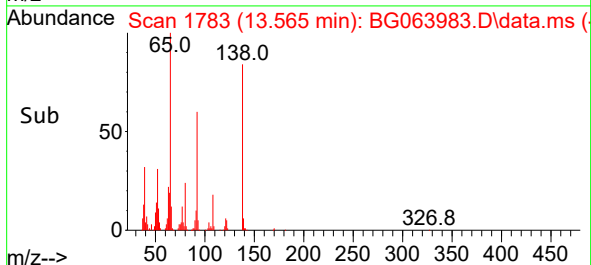
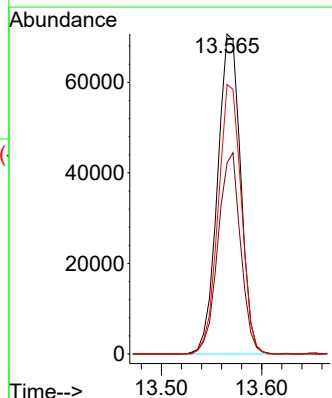
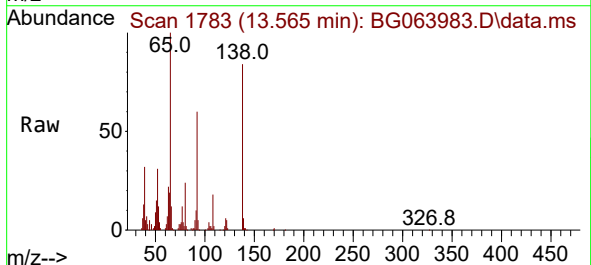
Tgt Ion: 65 Resp: 112776

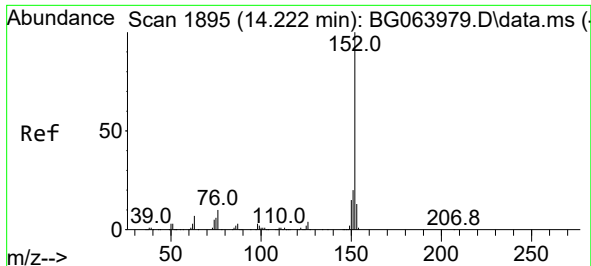
Ion Ratio Lower Upper

65 100

92 59.7 47.6 71.4

138 84.2 70.6 106.0

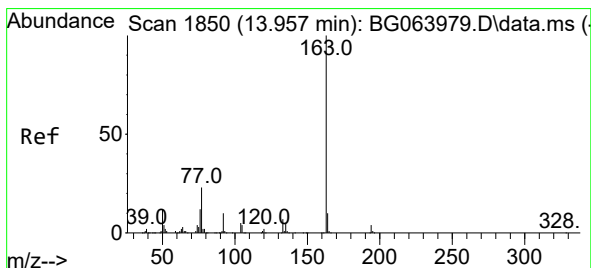
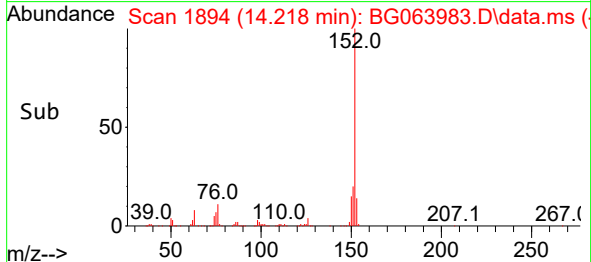
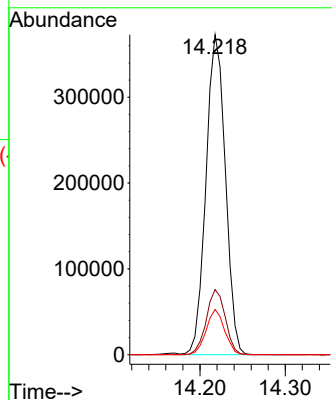
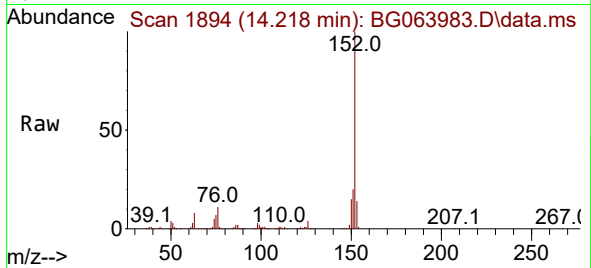




#49
Acenaphthylene
Concen: 39.437 ng
RT: 14.218 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

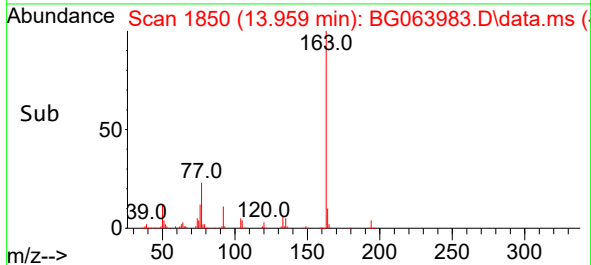
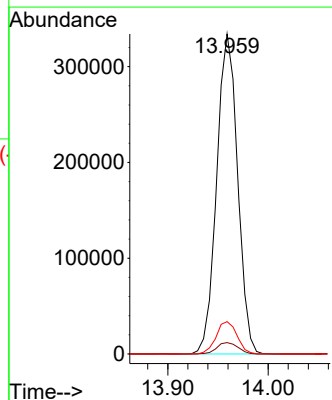
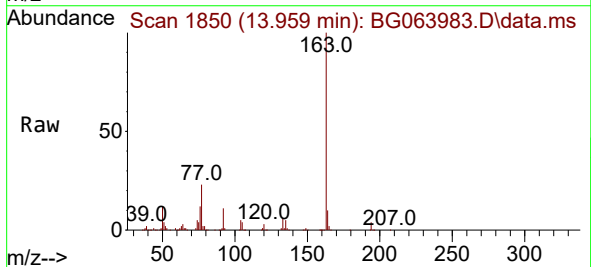
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

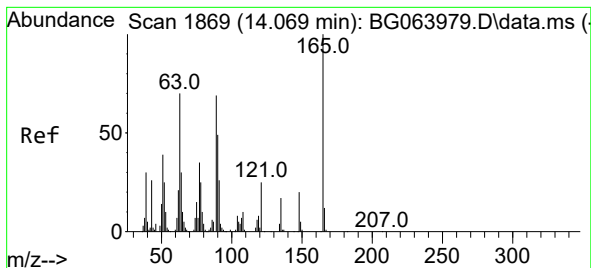
Tgt Ion:152 Resp: 588896
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 14.2 10.3 15.5



#50
Dimethylphthalate
Concen: 42.101 ng
RT: 13.959 min Scan# 1850
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:163 Resp: 483597
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.1 8.0 12.0

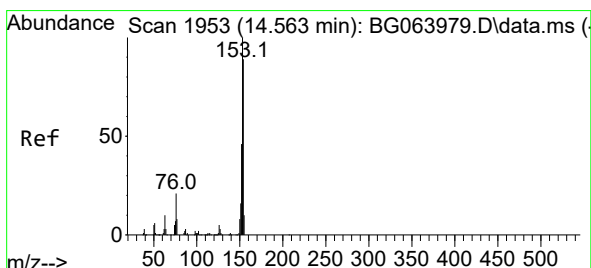
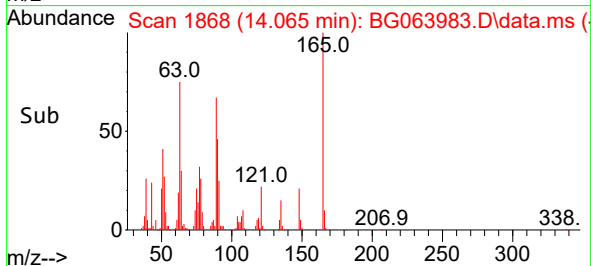
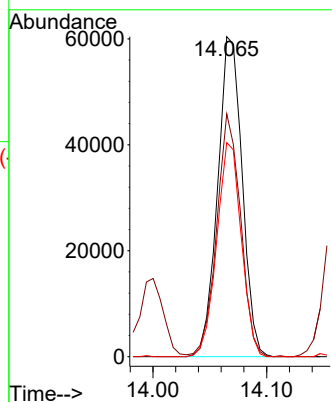
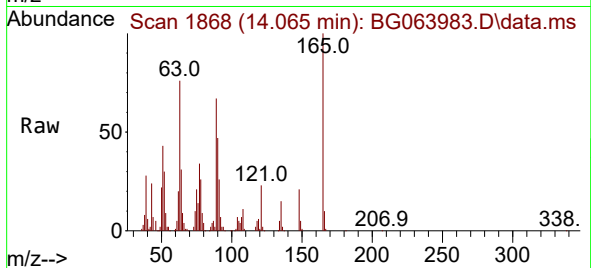




#51
2,6-Dinitrotoluene
Concen: 42.654 ng
RT: 14.065 min Scan# 1869
Delta R.T. -0.004 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

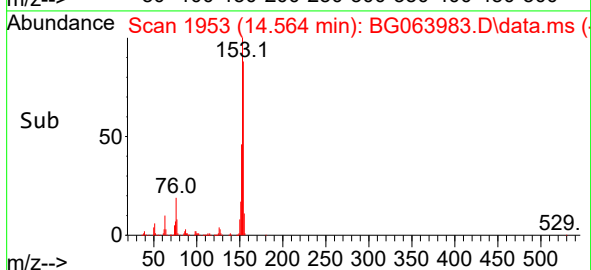
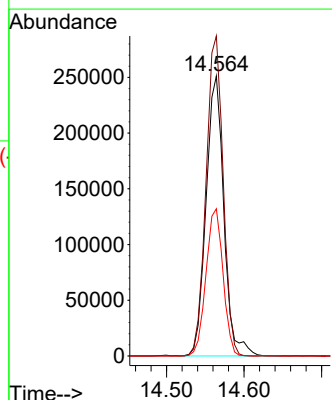
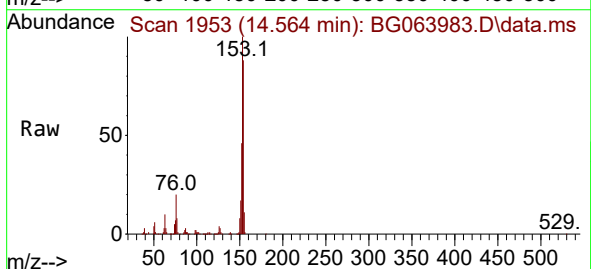
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

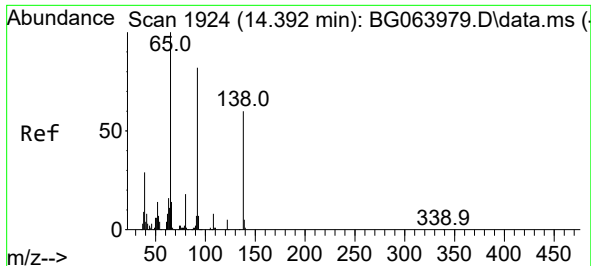
Tgt Ion:165 Resp: 90487
Ion Ratio Lower Upper
165 100
63 75.9 57.7 86.5
89 66.9 55.6 83.4



#52
Acenaphthene
Concen: 39.995 ng
RT: 14.564 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:154 Resp: 400608
Ion Ratio Lower Upper
154 100
153 114.3 90.2 135.2
152 52.6 41.1 61.7

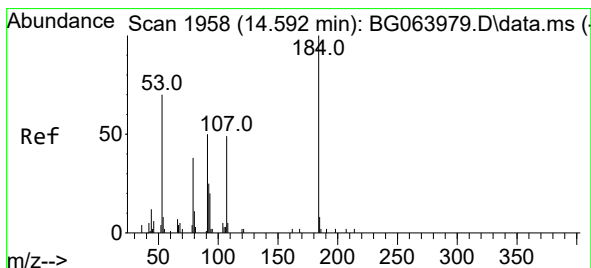
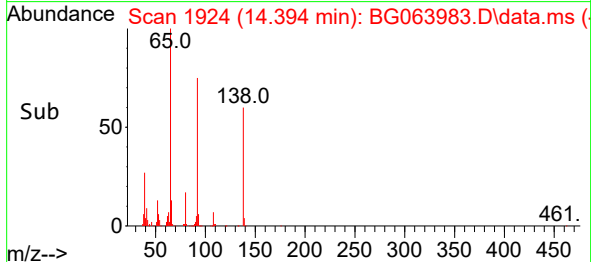
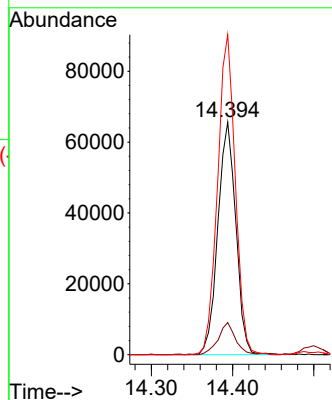
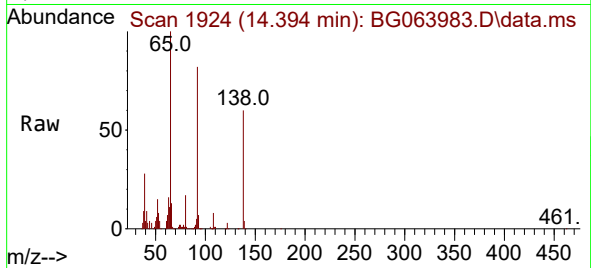




#53
3-Nitroaniline
Concen: 40.569 ng
RT: 14.394 min Scan# 1924
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

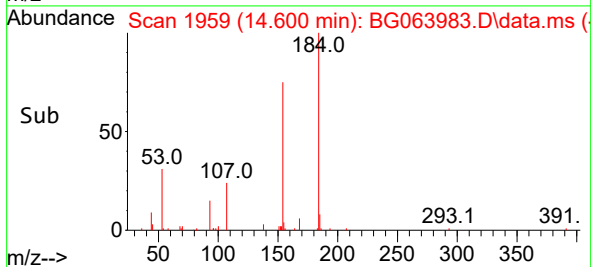
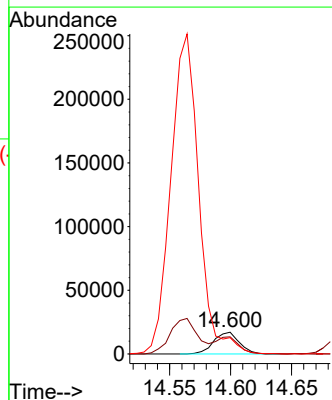
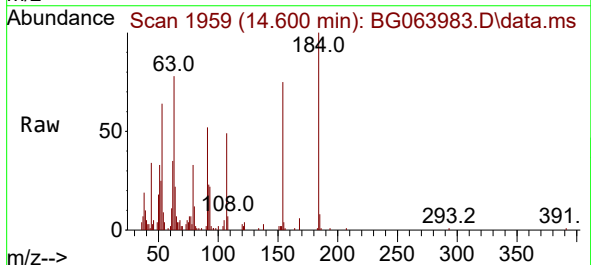
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

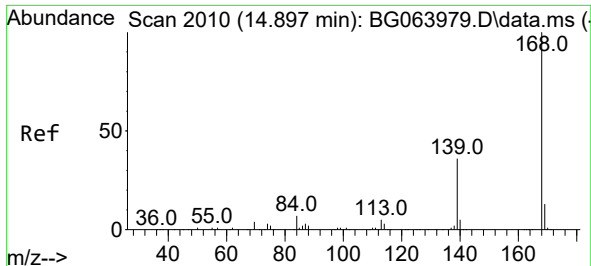
Tgt Ion:138 Resp: 100935
Ion Ratio Lower Upper
138 100
108 13.8 10.3 15.5
92 137.6 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 47.424 ng
RT: 14.600 min Scan# 1959
Delta R.T. 0.008 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:184 Resp: 25013
Ion Ratio Lower Upper
184 100
63 78.3 67.3 100.9
154 74.8 65.9 98.9

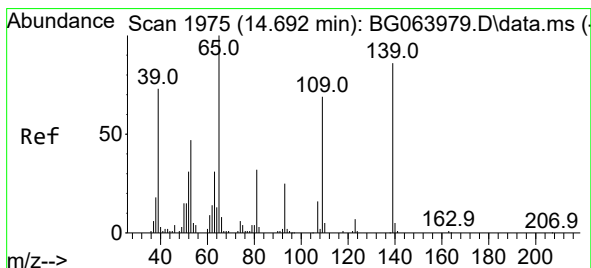
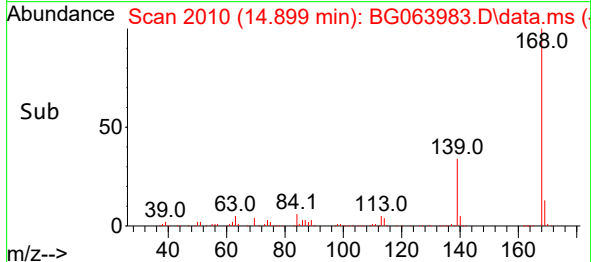
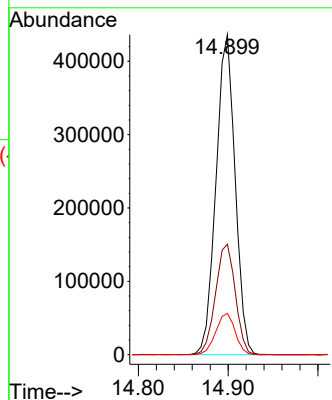
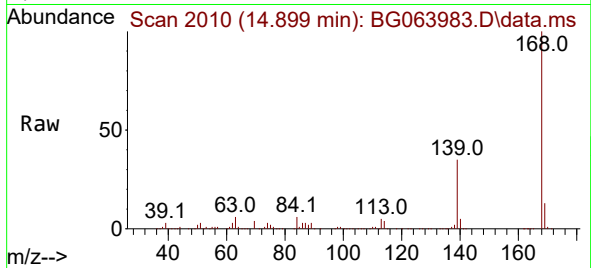




#55
Dibenzofuran
Concen: 39.604 ng
RT: 14.899 min Scan# 2010
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

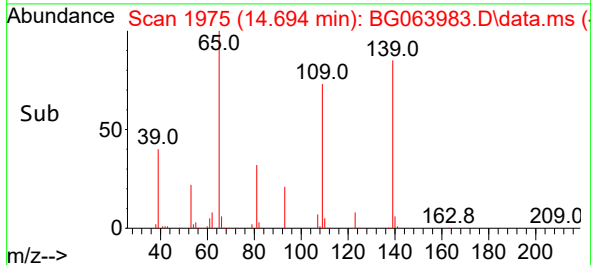
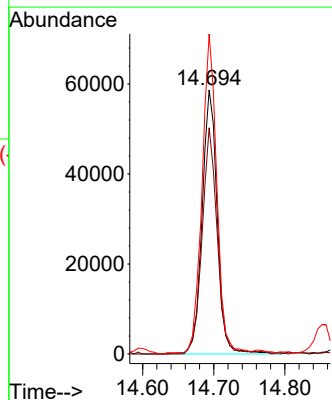
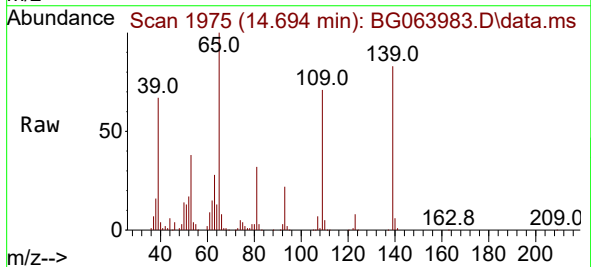
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

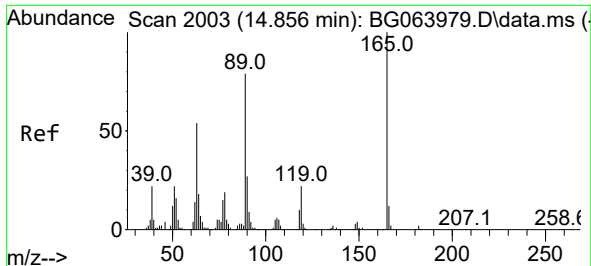
Tgt Ion:168 Resp: 644130
Ion Ratio Lower Upper
168 100
139 34.5 28.6 43.0
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 43.406 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:139 Resp: 86853
Ion Ratio Lower Upper
139 100
109 85.7 60.1 100.1
65 121.2 96.2 136.2





#57

2,4-Dinitrotoluene

Concen: 44.184 ng

RT: 14.852 min Scan# 2003

Delta R.T. -0.004 min

Lab File: BG063983.D

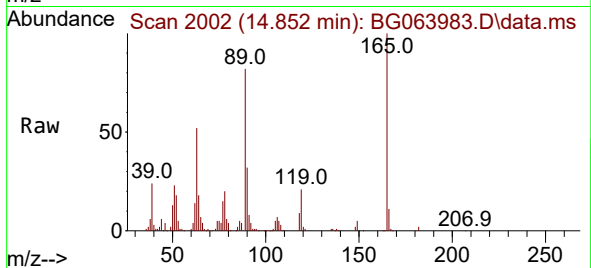
Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325



Tgt Ion:165 Resp: 122954

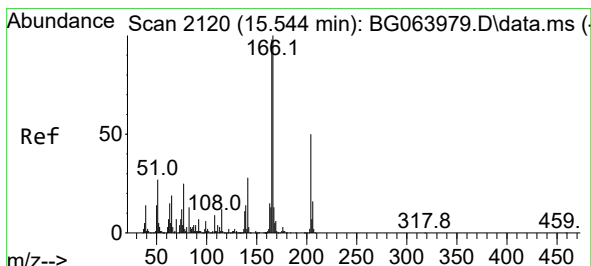
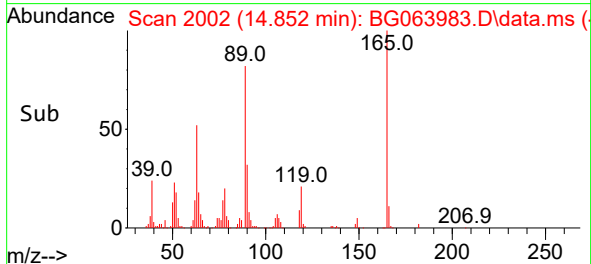
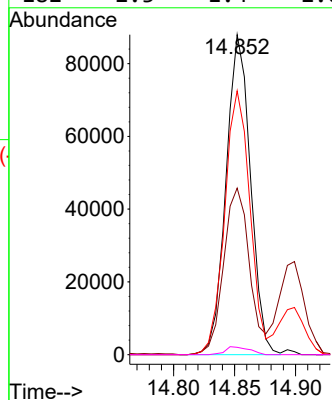
Ion Ratio Lower Upper

165 100

63 52.0 43.6 65.4

89 82.4 63.1 94.7

182 2.3 1.4 2.0#



#58

Fluorene

Concen: 39.521 ng

RT: 15.545 min Scan# 2120

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

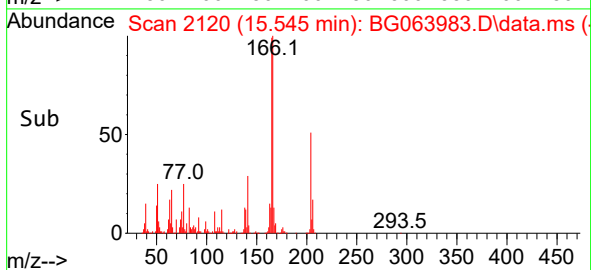
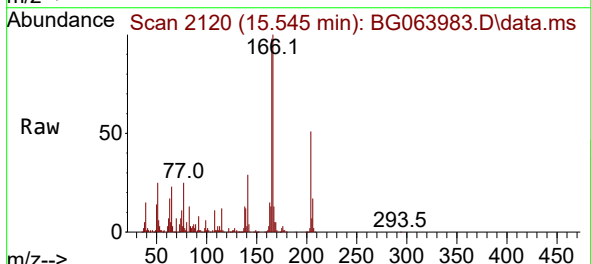
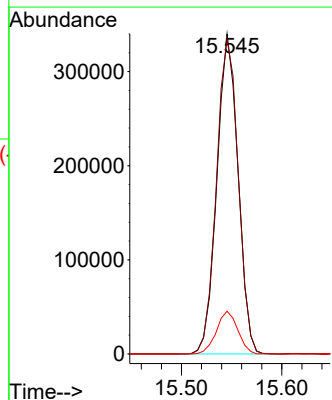
Tgt Ion:166 Resp: 496813

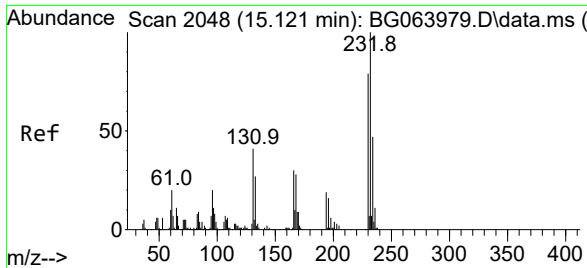
Ion Ratio Lower Upper

166 100

165 98.3 78.7 118.1

167 13.3 10.1 15.1

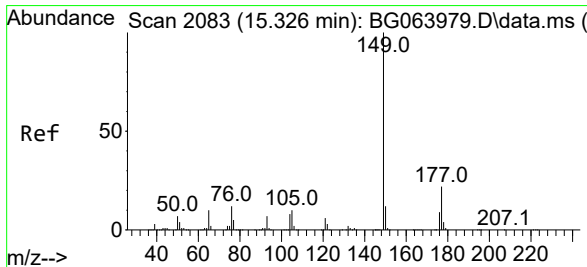
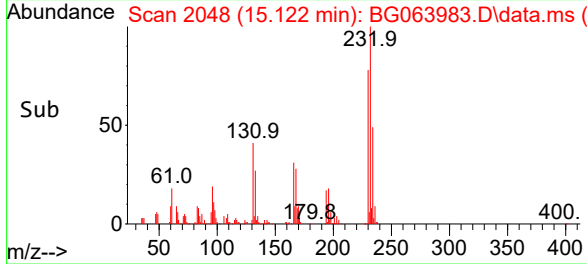
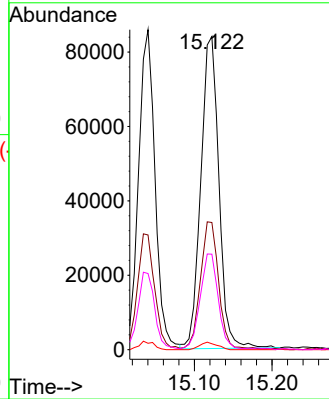
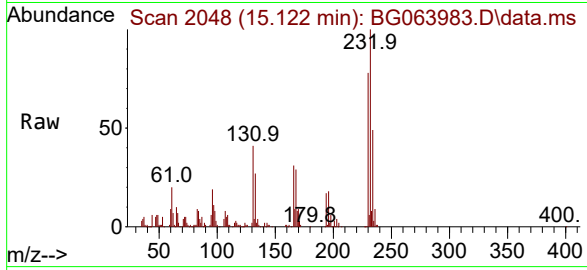




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.381 ng
RT: 15.122 min Scan# 2048
Delta R.T. 0.001 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

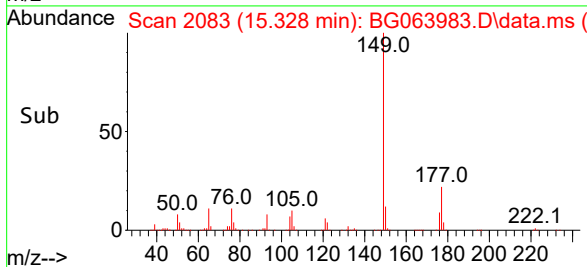
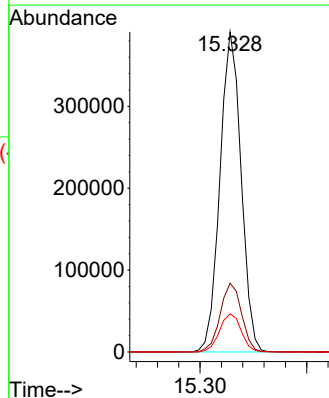
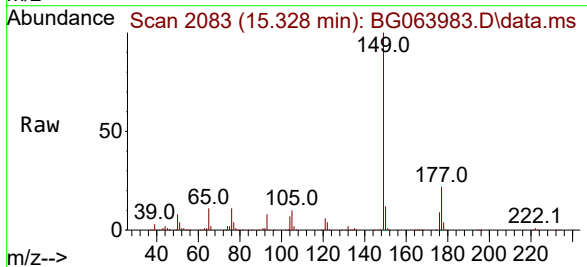
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

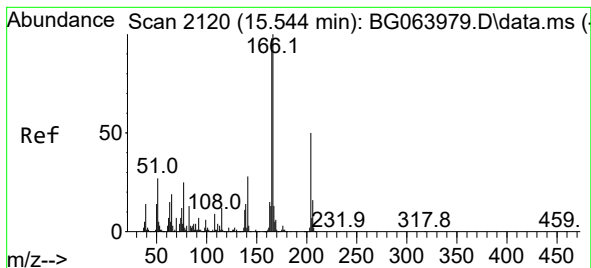
Tgt Ion:232 Resp: 135962
Ion Ratio Lower Upper
232 100
131 40.6 34.0 51.0
130 2.3 2.2 3.4
166 30.1 24.1 36.1



#60
Diethylphthalate
Concen: 44.092 ng
RT: 15.328 min Scan# 2083
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:149 Resp: 536976
Ion Ratio Lower Upper
149 100
177 21.5 18.0 27.0
150 11.9 9.7 14.5

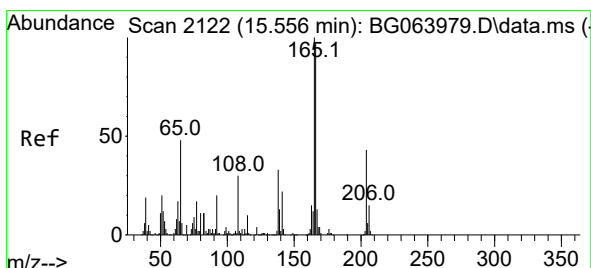
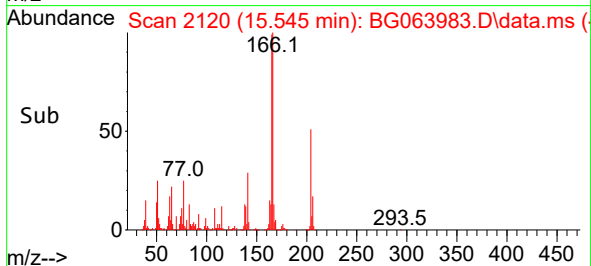
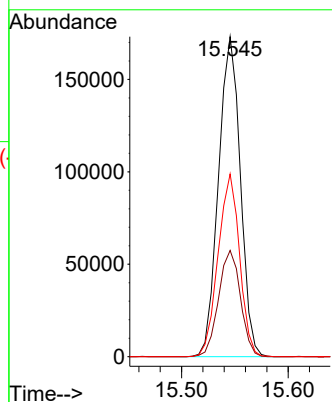
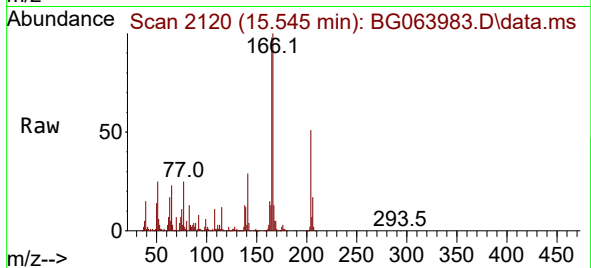




#61
4-Chlorophenyl-phenylether
Concen: 38.996 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

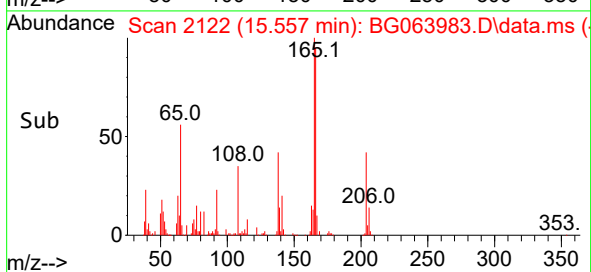
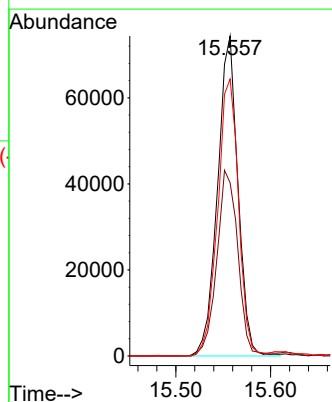
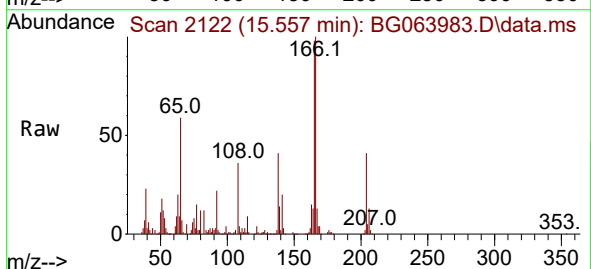
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

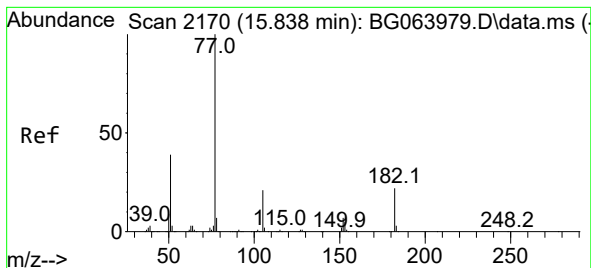
Tgt Ion:204 Resp: 245966
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 57.1 44.6 67.0



#62
4-Nitroaniline
Concen: 41.528 ng
RT: 15.557 min Scan# 2122
Delta R.T. 0.001 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:138 Resp: 111268
Ion Ratio Lower Upper
138 100
92 54.1 40.3 80.3
108 86.5 69.3 109.3





#63

Azobenzene

Concen: 39.763 ng

RT: 15.839 min Scan# 2170

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

Tgt Ion: 77 Resp: 571955

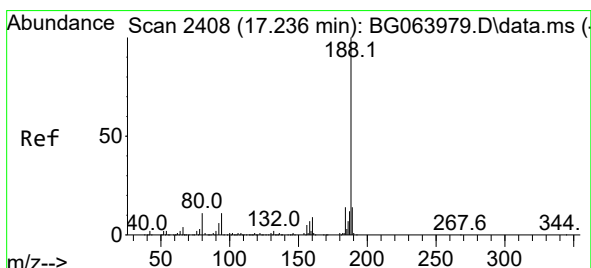
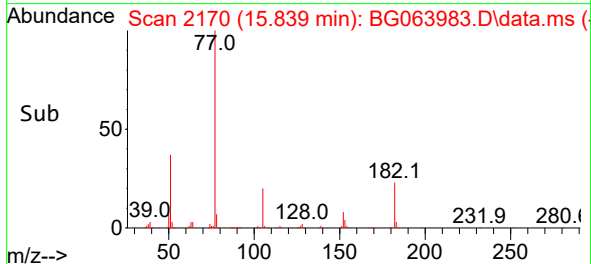
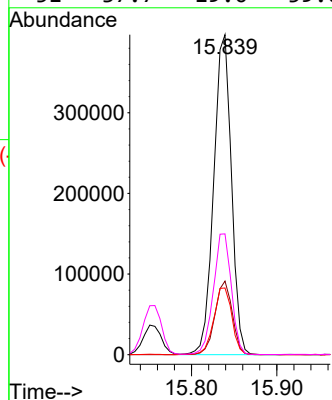
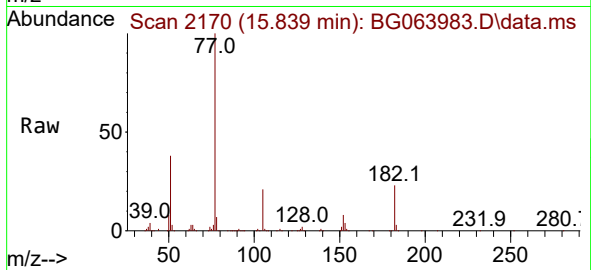
Ion Ratio Lower Upper

77 100

182 23.0 2.3 42.3

105 20.9 1.0 41.0

51 37.7 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.238 min Scan# 2408

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

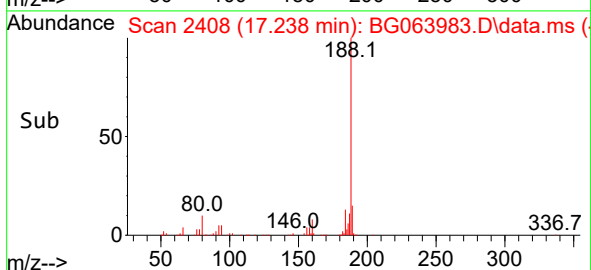
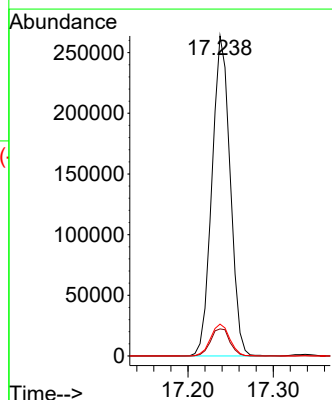
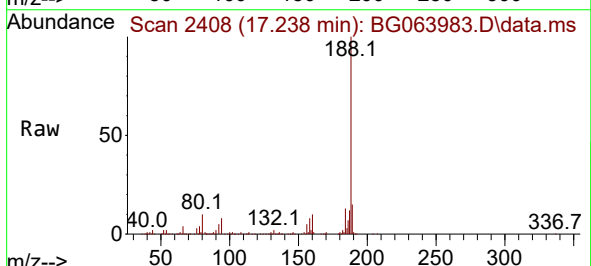
Tgt Ion:188 Resp: 391413

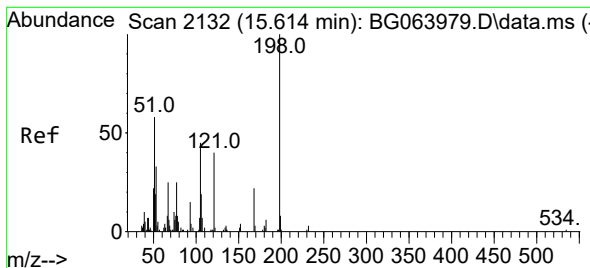
Ion Ratio Lower Upper

188 100

94 8.4 8.6 13.0#

80 9.9 8.5 12.7

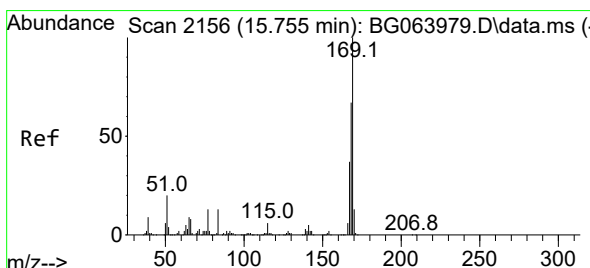
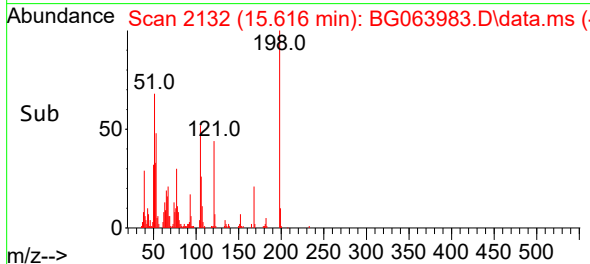
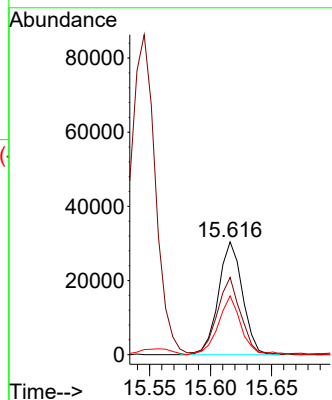
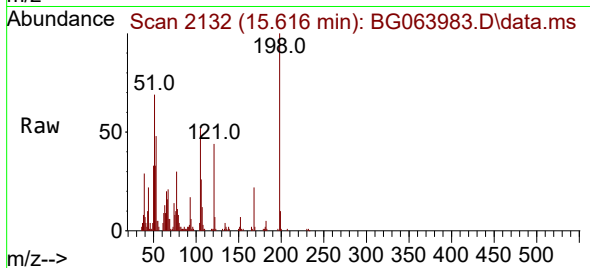




#65
4,6-Dinitro-2-methylphenol
Concen: 45.314 ng
RT: 15.616 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

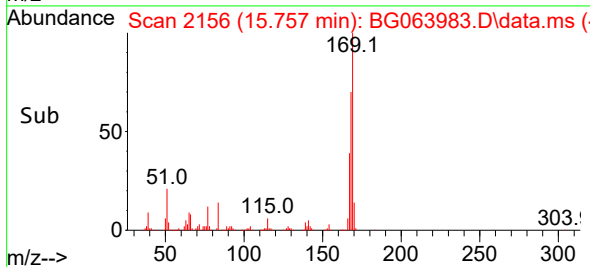
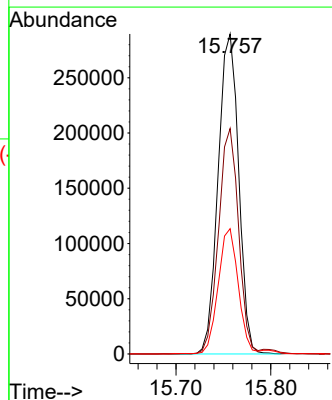
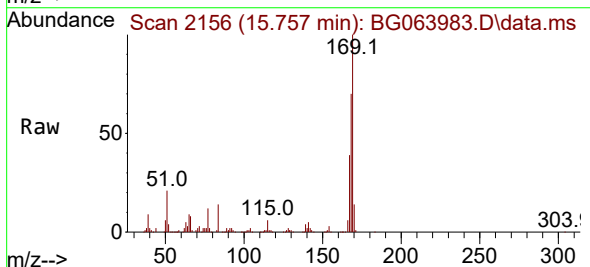
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

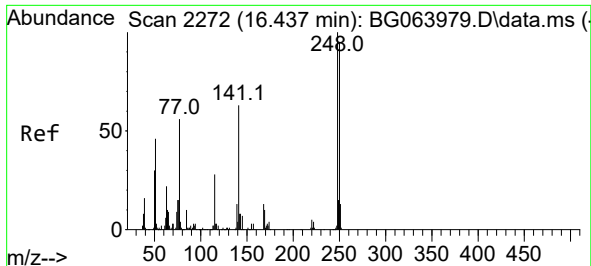
Tgt Ion:198 Resp: 41712
Ion Ratio Lower Upper
198 100
51 68.5 45.4 85.4
105 52.1 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 40.157 ng
RT: 15.757 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:169 Resp: 435794
Ion Ratio Lower Upper
169 100
168 70.4 53.5 80.3
167 39.1 30.0 45.0

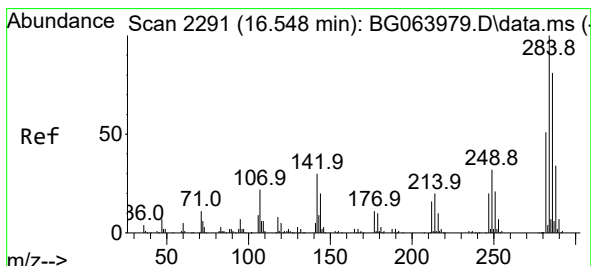
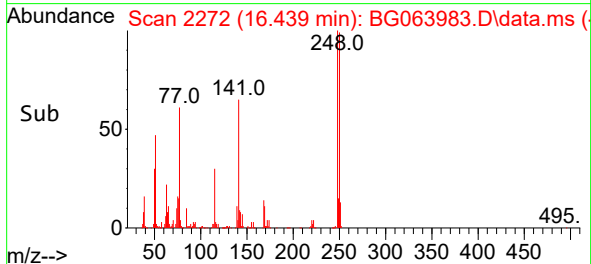
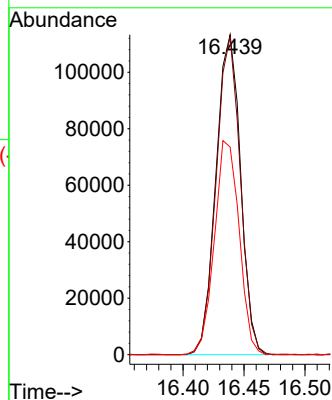
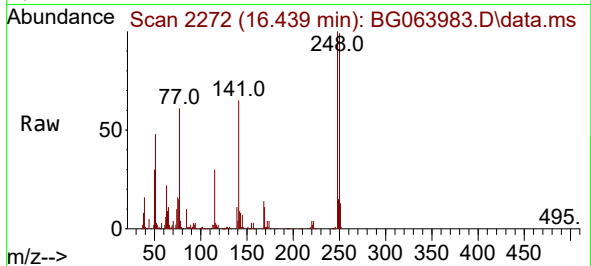




#67
4-Bromophenyl-phenylether
Concen: 40.795 ng
RT: 16.439 min Scan# 211
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

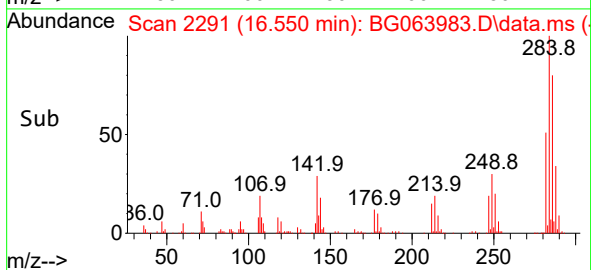
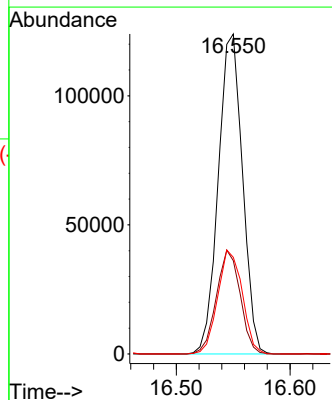
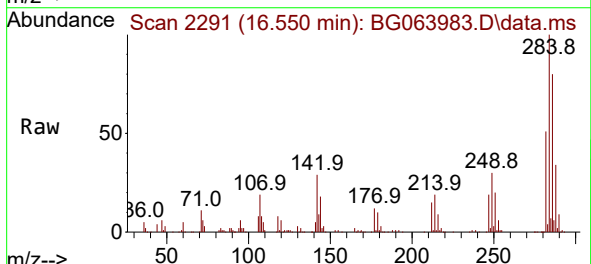
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

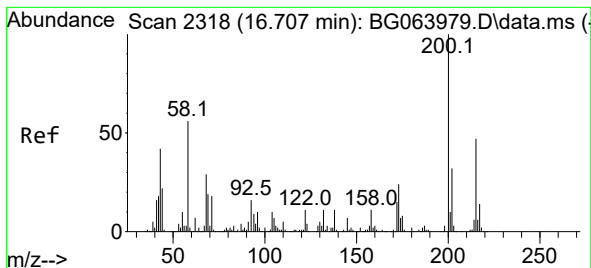
Tgt Ion:248 Resp: 158933
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.4
141 64.9 50.6 75.8



#68
Hexachlorobenzene
Concen: 40.064 ng
RT: 16.550 min Scan# 2291
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:284 Resp: 183508
Ion Ratio Lower Upper
284 100
142 29.2 23.8 35.8
249 30.2 25.9 38.9





#69

Atrazine

Concen: 44.898 ng

RT: 16.709 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

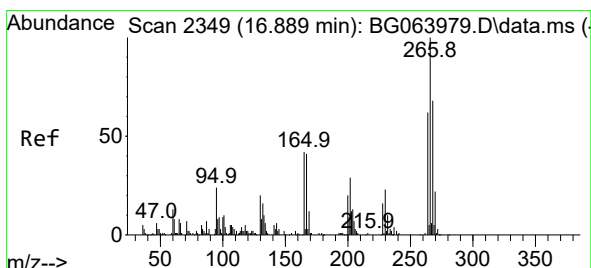
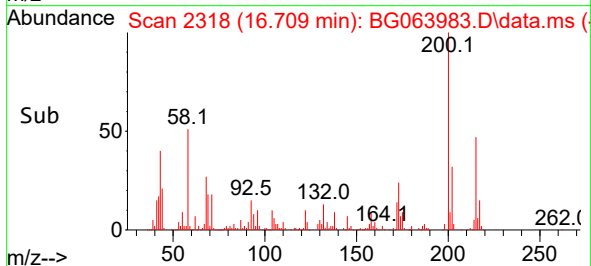
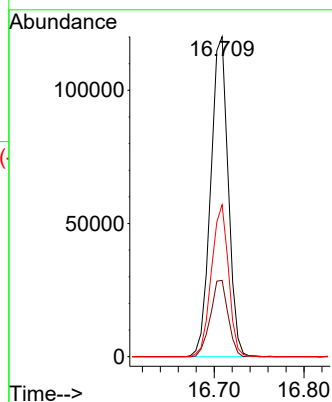
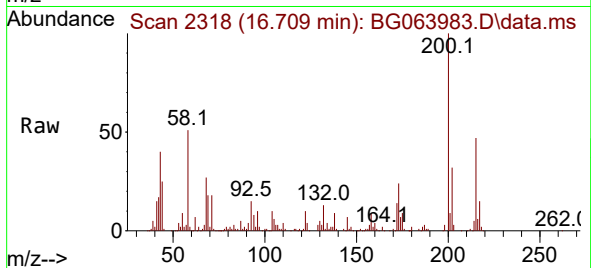
Tgt Ion:200 Resp: 162149

Ion Ratio Lower Upper

200 100

173 23.8 3.8 43.8

215 47.5 26.6 66.6



#70

Pentachlorophenol

Concen: 41.902 ng

RT: 16.885 min Scan# 2348

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

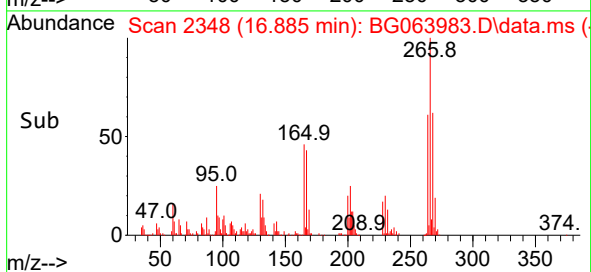
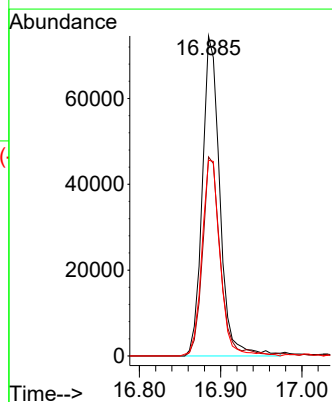
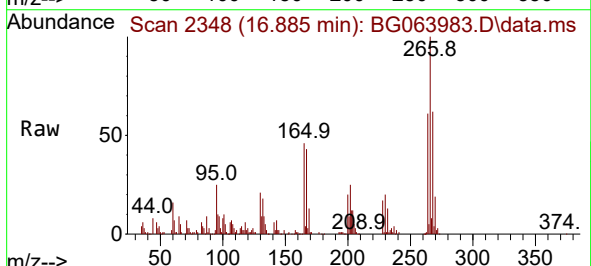
Tgt Ion:266 Resp: 111499

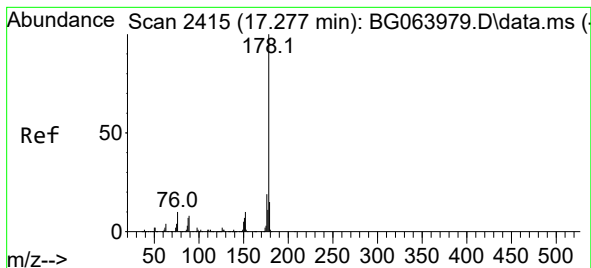
Ion Ratio Lower Upper

266 100

268 62.2 54.8 82.2

264 61.2 50.0 75.0





#71

Phenanthrene

Concen: 40.128 ng

RT: 17.285 min Scan# 2415

Delta R.T. 0.008 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

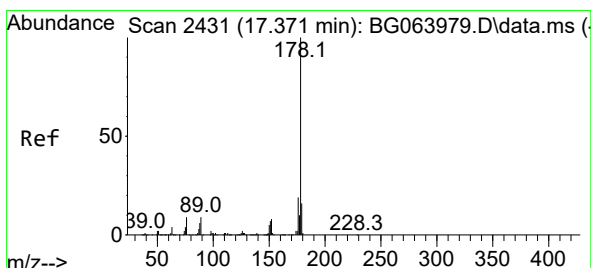
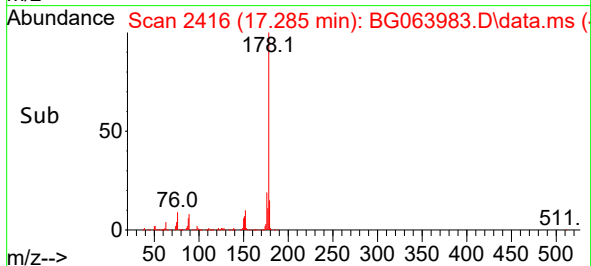
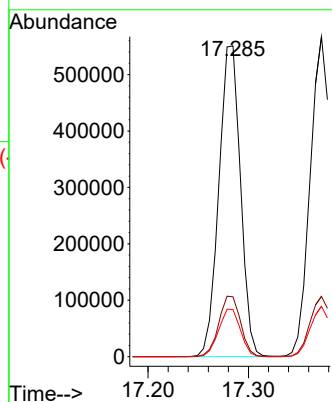
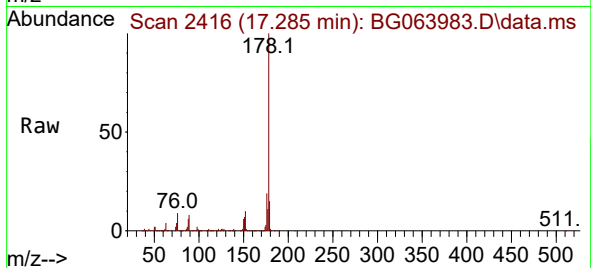
Tgt Ion:178 Resp: 824949

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.1 12.2 18.4



#72

Anthracene

Concen: 40.005 ng

RT: 17.373 min Scan# 2431

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

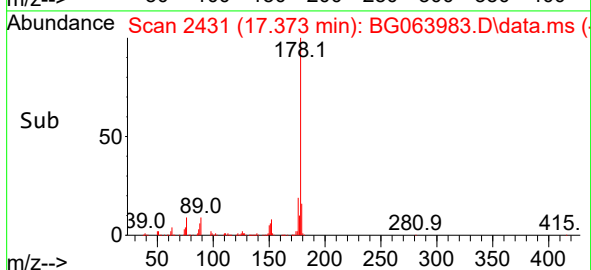
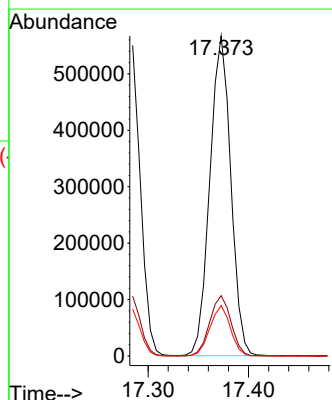
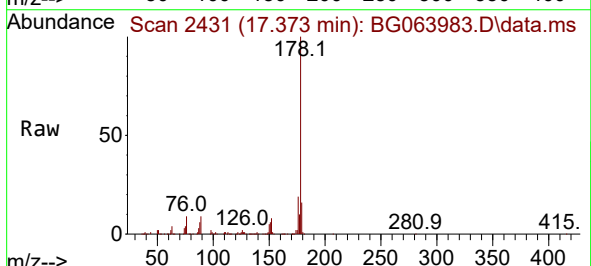
Tgt Ion:178 Resp: 822921

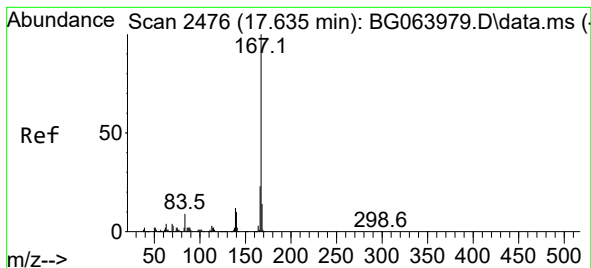
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.8 19.2





#73

Carbazole

Concen: 40.885 ng

RT: 17.637 min Scan# 2476

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

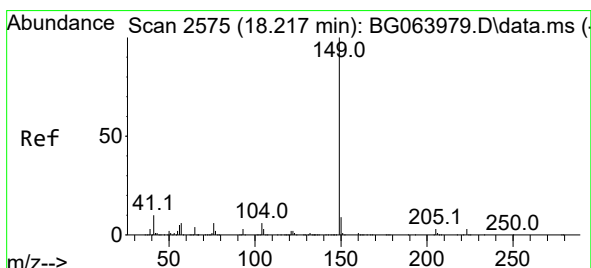
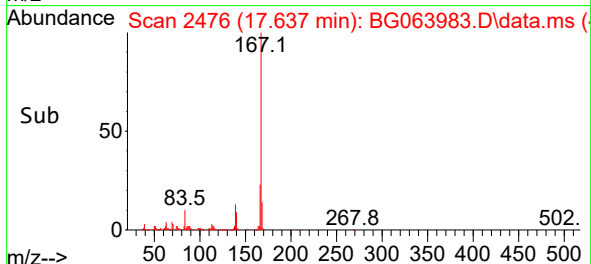
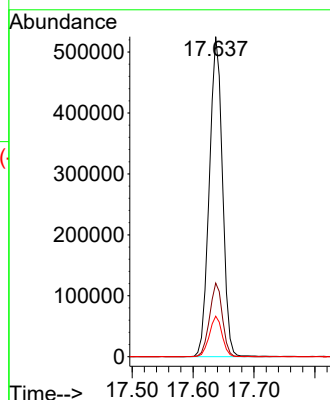
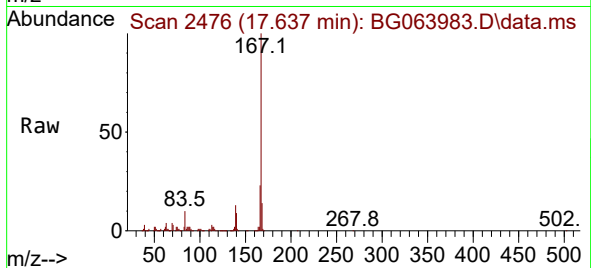
Tgt Ion:167 Resp: 787304

Ion Ratio Lower Upper

167 100

166 23.0 18.6 28.0

139 12.6 9.8 14.8



#74

Di-n-butylphthalate

Concen: 46.539 ng

RT: 18.219 min Scan# 2575

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

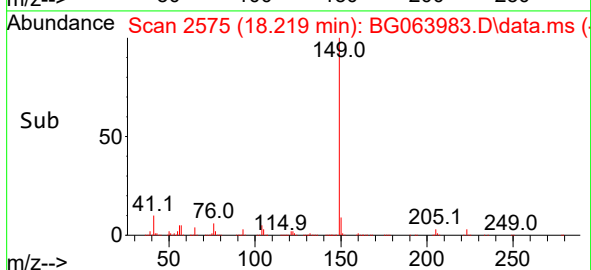
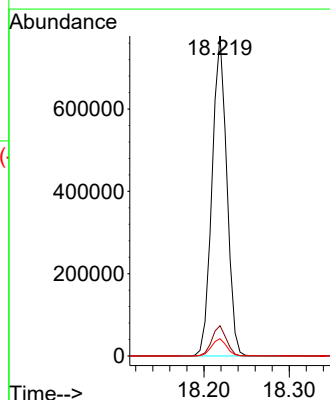
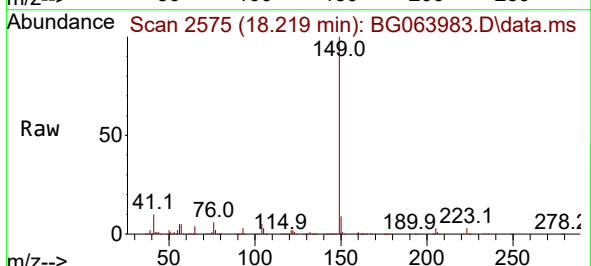
Tgt Ion:149 Resp: 934157

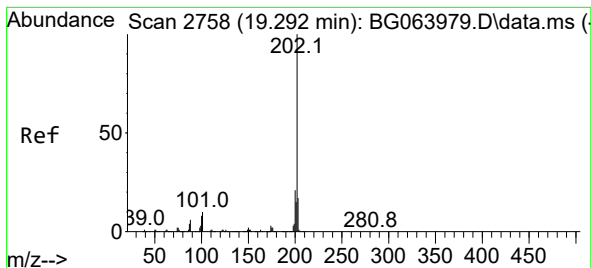
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.4 4.6 6.8





#75

Fluoranthene

Concen: 40.759 ng

RT: 19.294 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

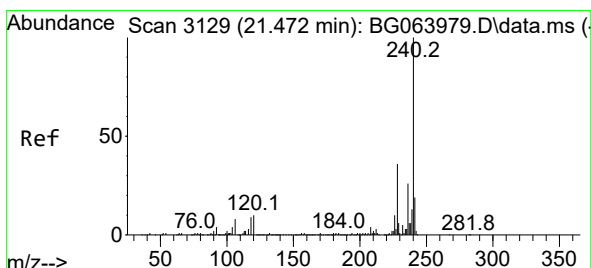
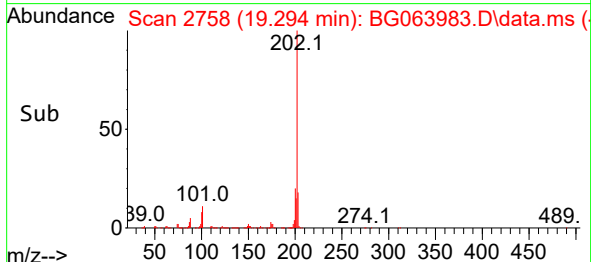
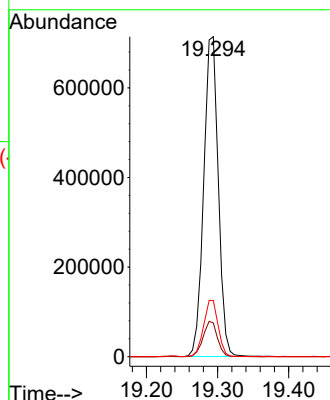
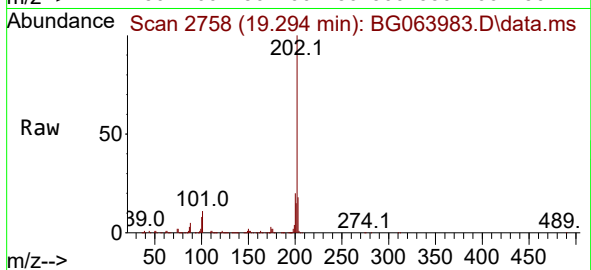
BNA_G

ClientSampleId :

ICVBG020325

Tgt Ion:202 Resp: 1020324

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	17.5	0.0	37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.474 min Scan# 3129

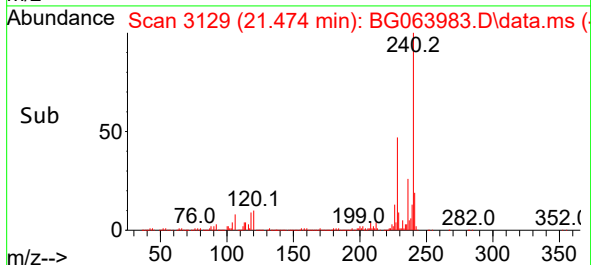
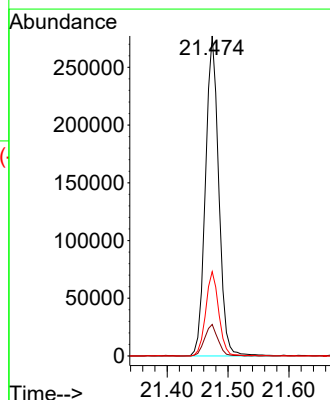
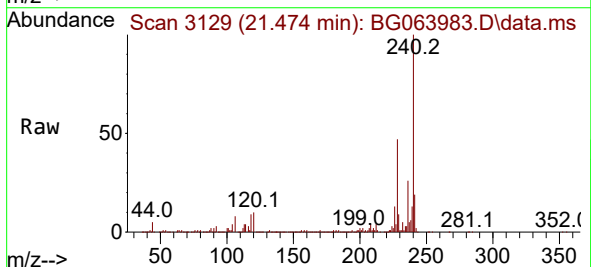
Delta R.T. 0.002 min

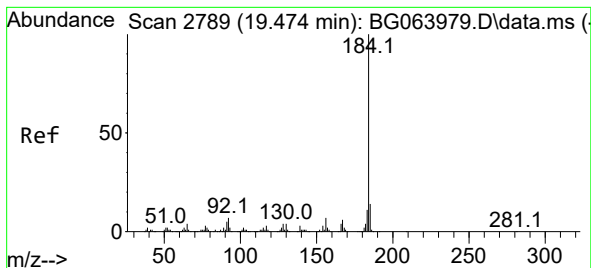
Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Tgt Ion:240 Resp: 420206

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.9	11.9
236	26.4	21.0	31.6





#77

Benzidine

Concen: 38.278 ng

RT: 19.470 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

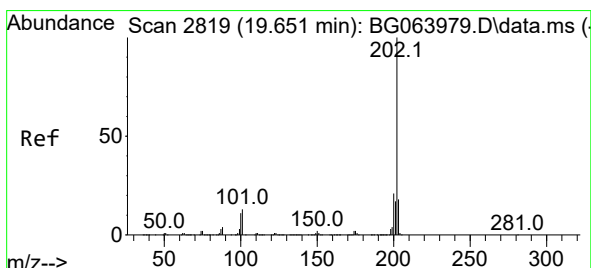
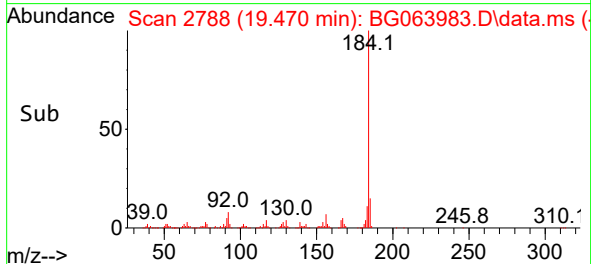
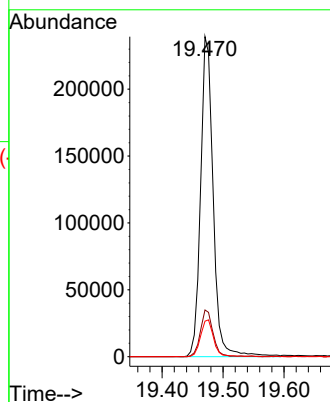
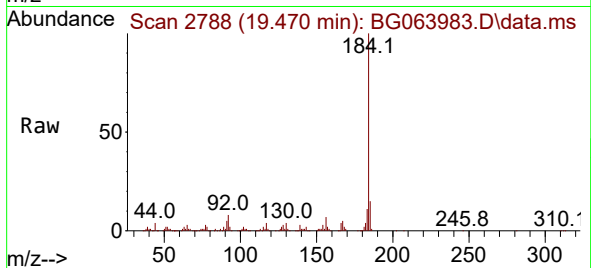
Tgt Ion:184 Resp: 342511

Ion Ratio Lower Upper

184 100

185 14.6 11.2 16.8

183 11.1 8.7 13.1



#78

Pyrene

Concen: 41.009 ng

RT: 19.652 min Scan# 2819

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

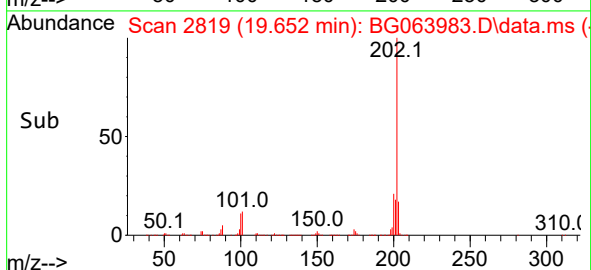
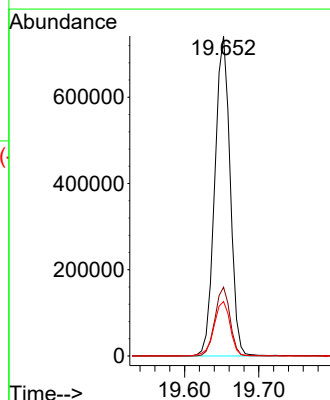
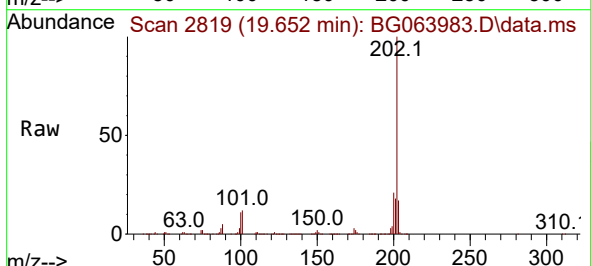
Tgt Ion:202 Resp: 1063833

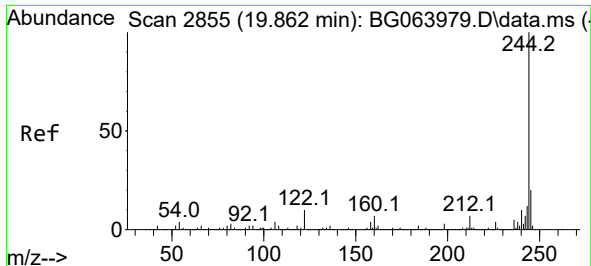
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.0 14.5 21.7

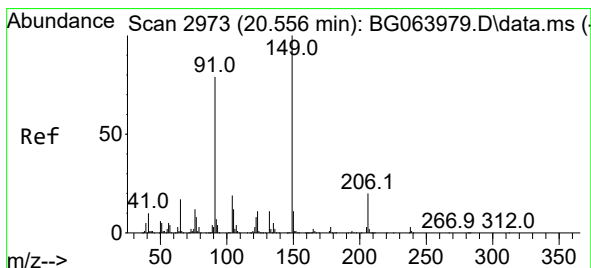
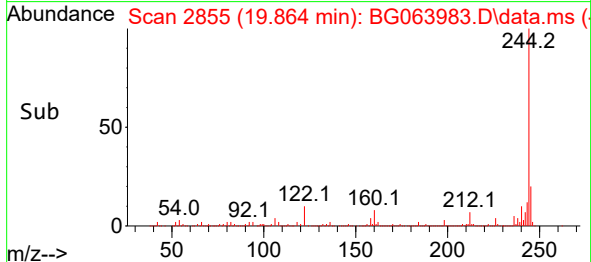
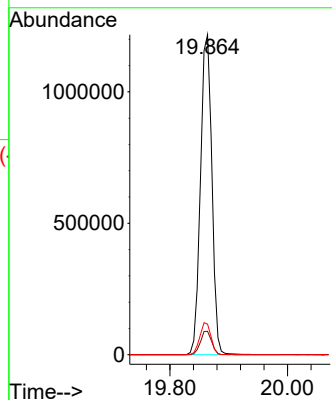
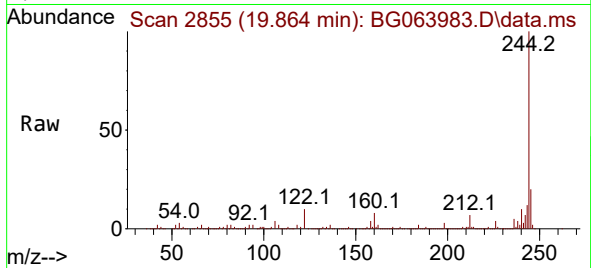




#79
 Terphenyl-d14
 Concen: 81.237 ng
 RT: 19.864 min Scan# 2855
 Delta R.T. 0.002 min
 Lab File: BG063983.D
 Acq: 3 Feb 2025 16:59

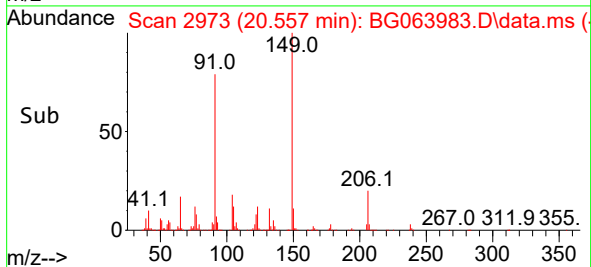
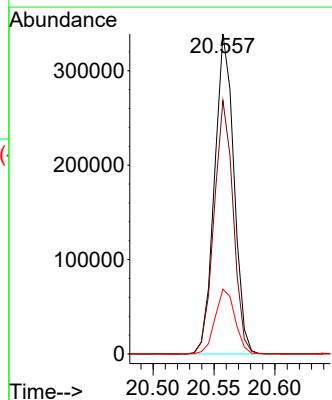
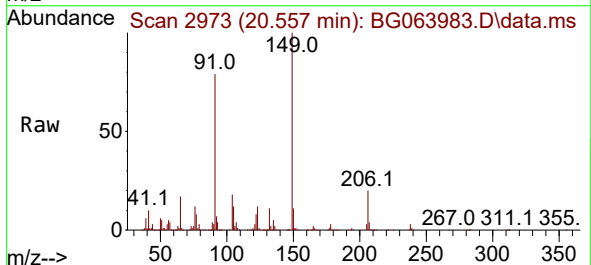
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG020325

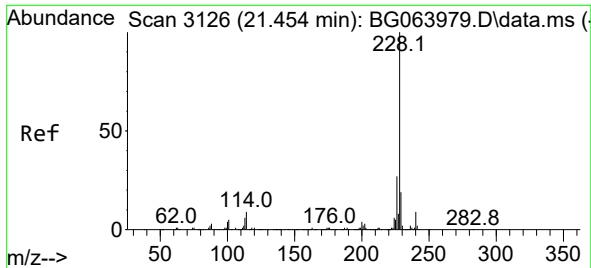
Tgt Ion:244 Resp: 1634516
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 42.221 ng
 RT: 20.557 min Scan# 2973
 Delta R.T. 0.001 min
 Lab File: BG063983.D
 Acq: 3 Feb 2025 16:59

Tgt Ion:149 Resp: 375602
 Ion Ratio Lower Upper
 149 100
 91 79.2 63.0 94.6
 206 20.3 15.8 23.6

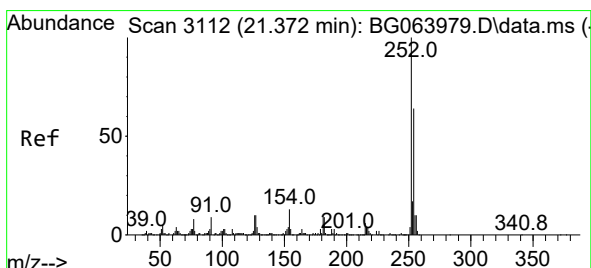
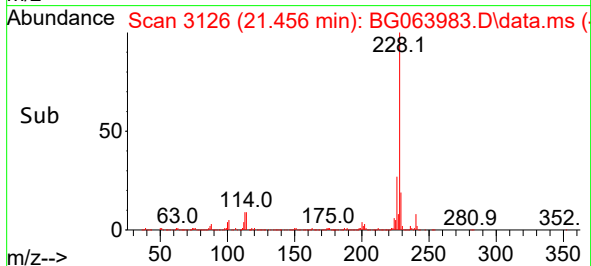
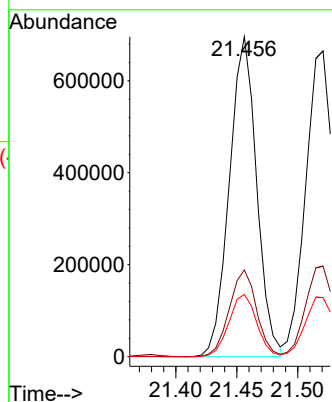
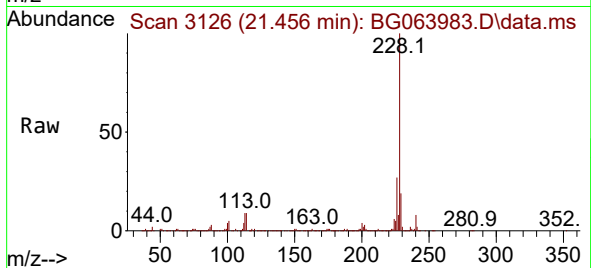




#81
Benzo(a)anthracene
Concen: 40.615 ng
RT: 21.456 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

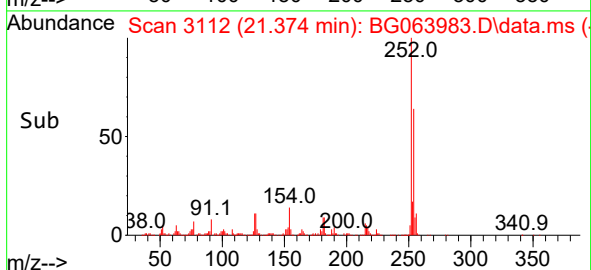
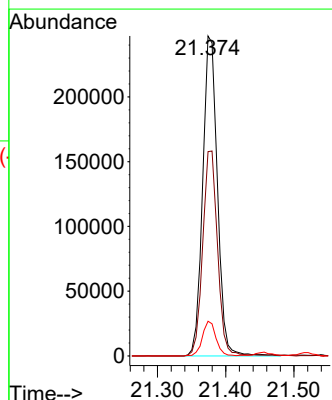
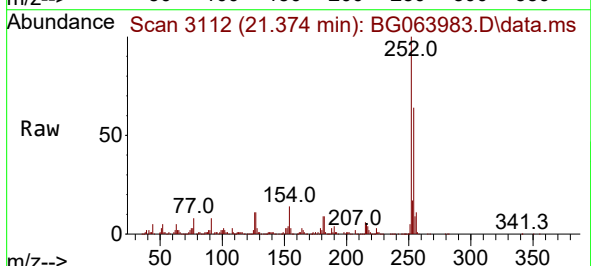
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

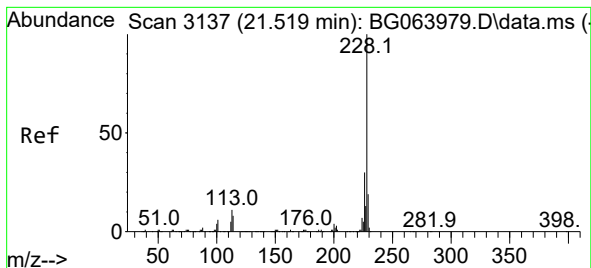
Tgt Ion:228 Resp: 1083578
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 44.672 ng
RT: 21.374 min Scan# 3112
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:252 Resp: 371157
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 10.8 8.2 12.2





#83

Chrysene

Concen: 40.609 ng

RT: 21.521 min Scan# 3137

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

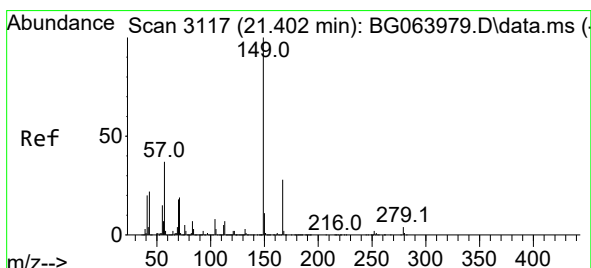
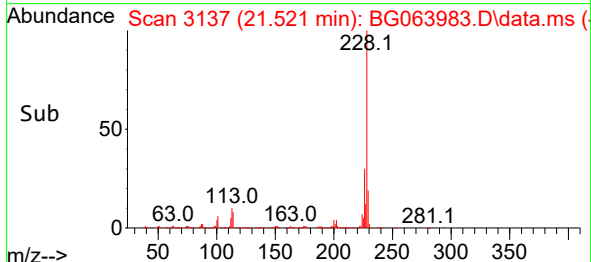
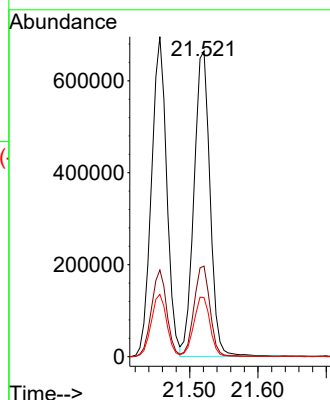
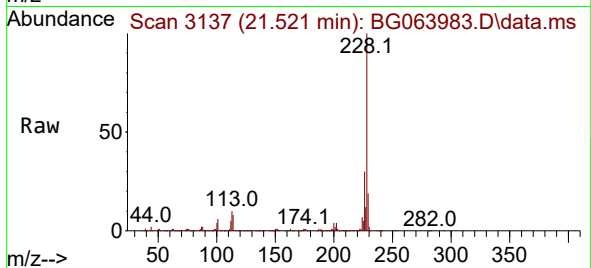
Tgt Ion:228 Resp: 1078198

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.896 ng

RT: 21.403 min Scan# 3117

Delta R.T. 0.001 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

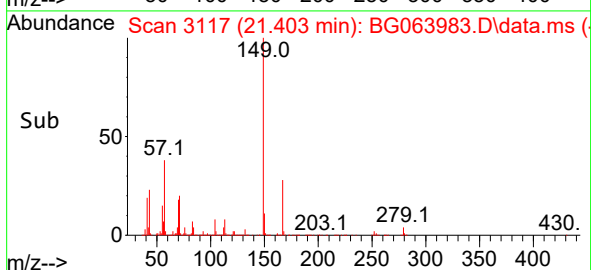
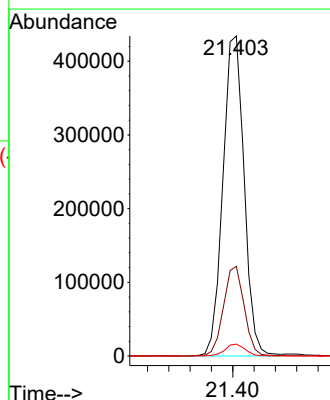
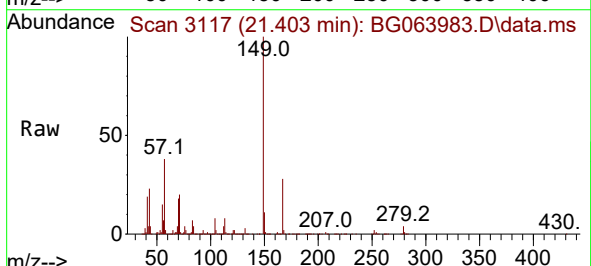
Tgt Ion:149 Resp: 599462

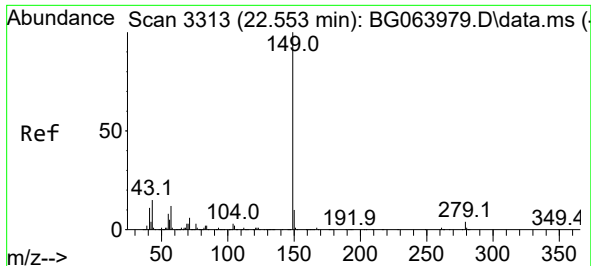
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 3.7 3.0 4.4

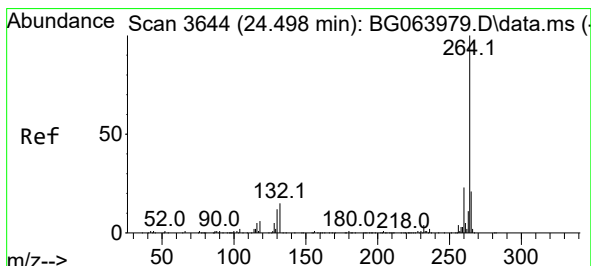
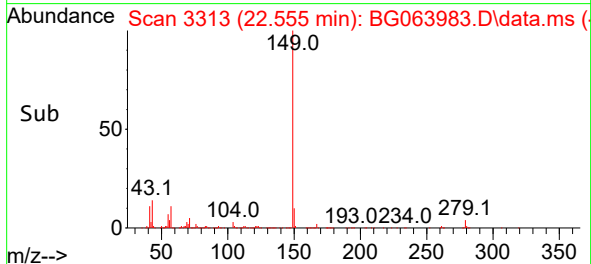
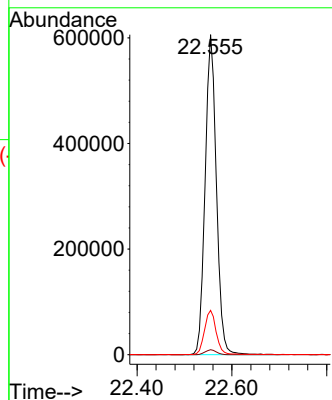
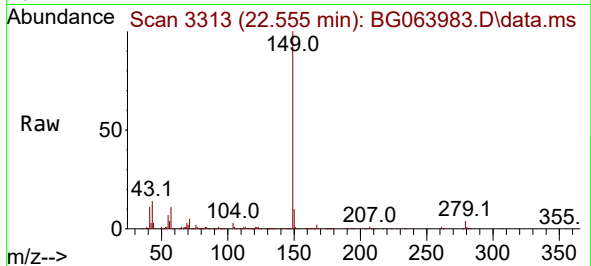




#85
Di-n-octyl phthalate
Concen: 42.834 ng
RT: 22.555 min Scan# 311
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

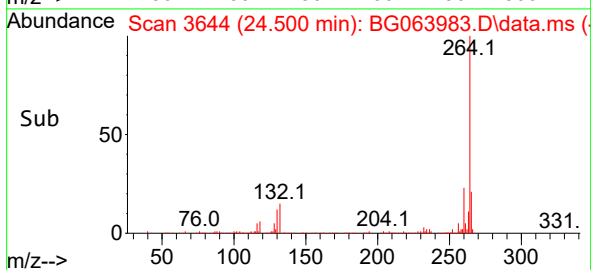
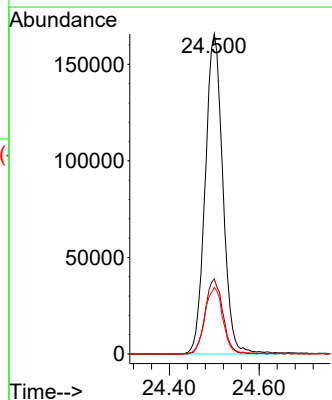
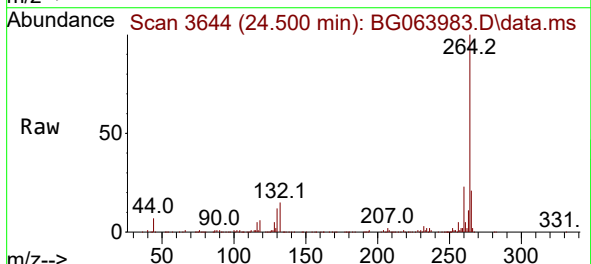
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

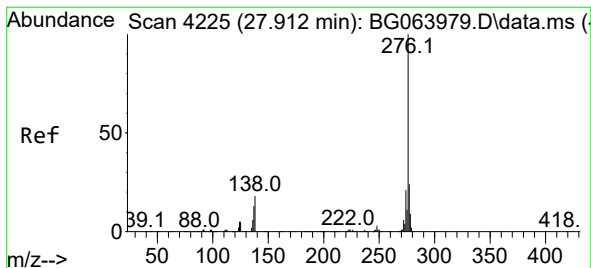
Tgt Ion:149 Resp: 997569
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.6 12.3 18.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.500 min Scan# 3644
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:264 Resp: 451428
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.8 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.701 ng

RT: 27.925 min Scan# 4227

Delta R.T. 0.013 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

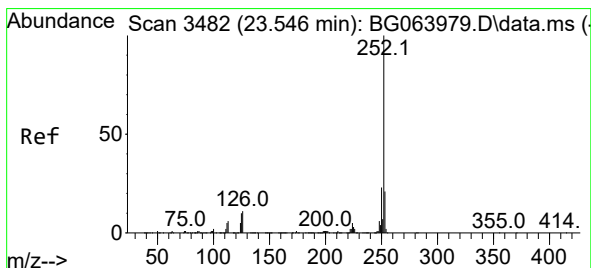
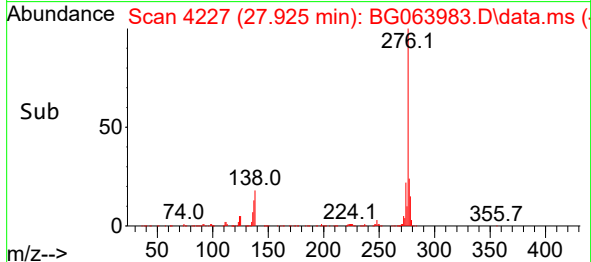
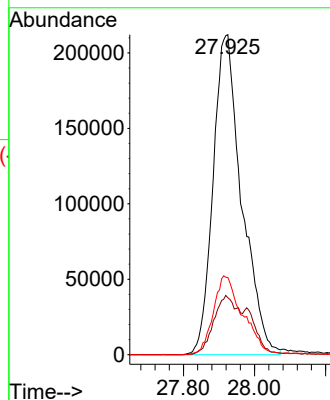
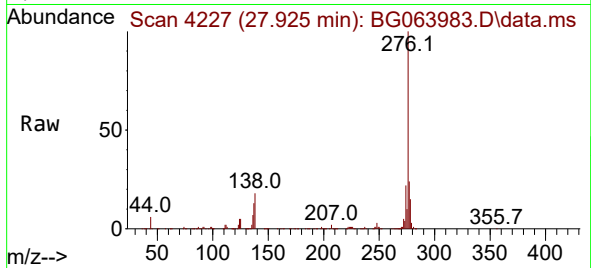
Tgt Ion:276 Resp: 1185350

Ion Ratio Lower Upper

276 100

138 16.0 10.7 16.1

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.258 ng

RT: 23.548 min Scan# 3482

Delta R.T. 0.002 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

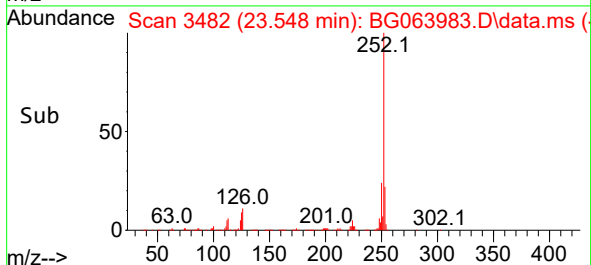
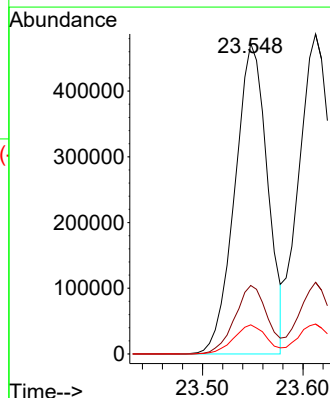
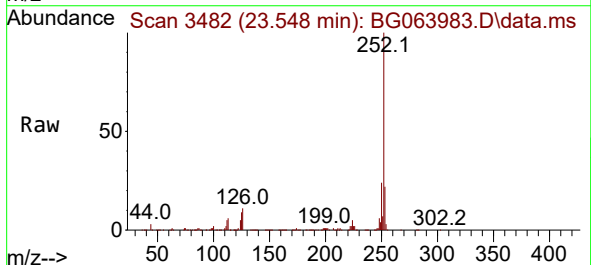
Tgt Ion:252 Resp: 1070145

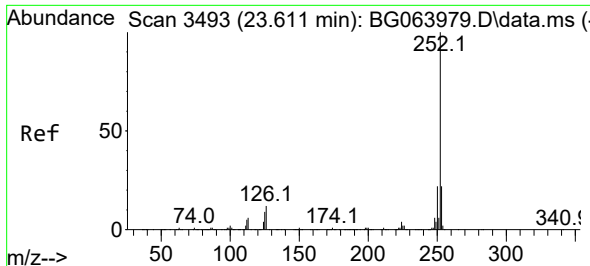
Ion Ratio Lower Upper

252 100

253 22.1 16.9 25.3

125 9.4 7.9 11.9

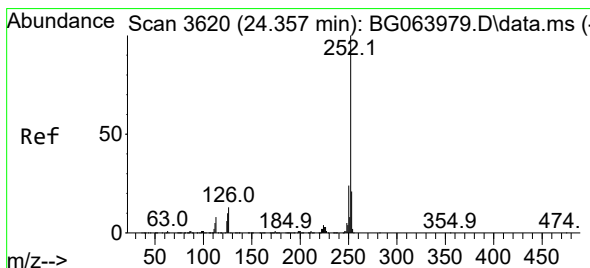
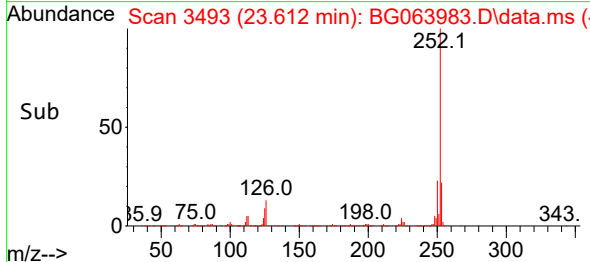
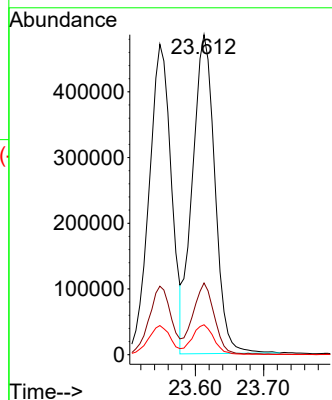
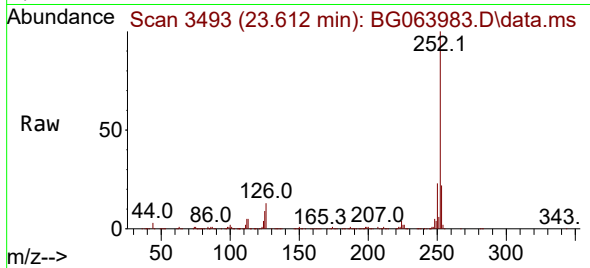




#89
Benzo(k)fluoranthene
Concen: 40.487 ng
RT: 23.612 min Scan# 3493
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

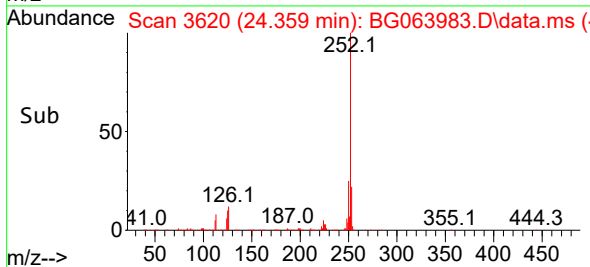
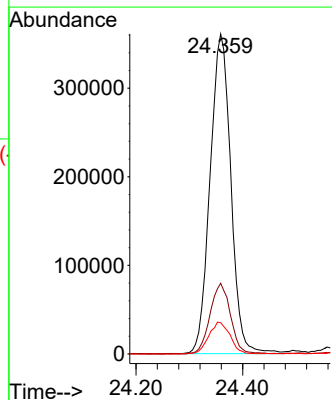
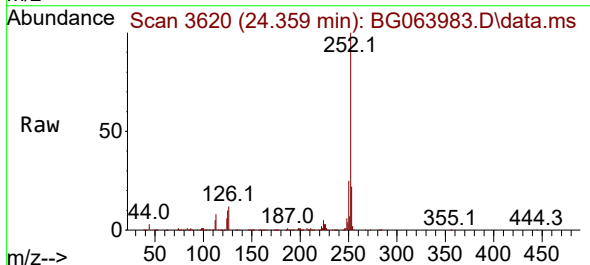
Instrument :
BNA_G
ClientSampleId :
ICVBG020325

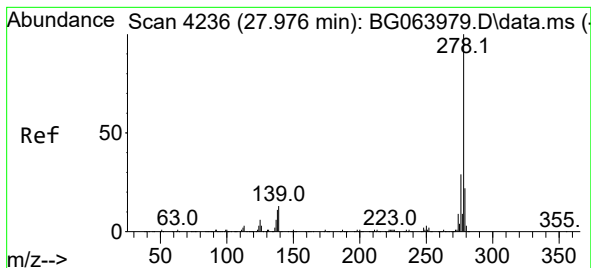
Tgt Ion:252 Resp: 1105111
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 41.061 ng
RT: 24.359 min Scan# 3620
Delta R.T. 0.002 min
Lab File: BG063983.D
Acq: 3 Feb 2025 16:59

Tgt Ion:252 Resp: 974268
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 9.8 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 41.054 ng

RT: 27.984 min Scan# 41

Delta R.T. 0.008 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG020325

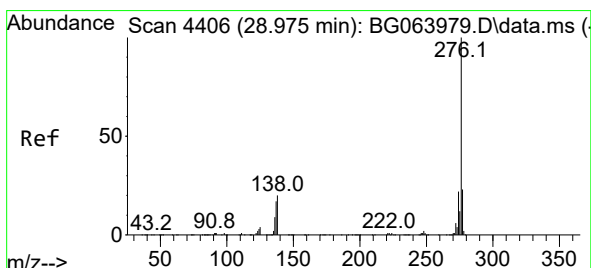
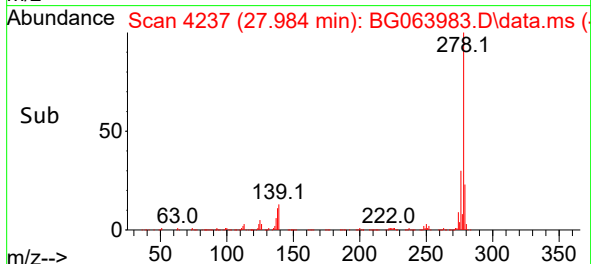
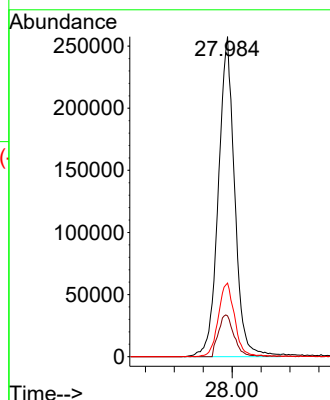
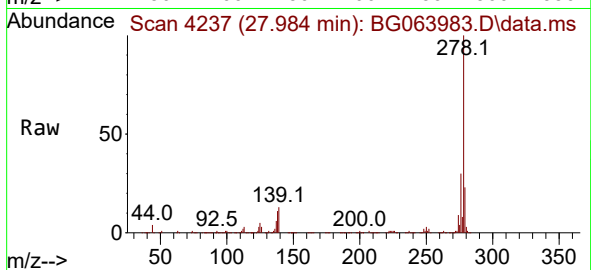
Tgt Ion:278 Resp: 1009580

Ion Ratio Lower Upper

278 100

139 12.8 10.8 16.2

279 23.0 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 40.427 ng

RT: 28.983 min Scan# 4407

Delta R.T. 0.008 min

Lab File: BG063983.D

Acq: 3 Feb 2025 16:59

Tgt Ion:276 Resp: 1003616

Ion Ratio Lower Upper

276 100

277 23.4 18.2 27.4

138 18.4 15.8 23.6

