

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060638.D
 Acq On : 14 Mar 2024 14:31
 Operator : MA/JU
 Sample : IDOC-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-02

Quant Time: Mar 14 16:23:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	104009	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	484177	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	317844	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	666551	20.000	ng	0.00
76) Chrysene-d12	22.014	240	580626	20.000	ng	-0.01
86) Perylene-d12	25.569	264	659535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	904646	136.728	ng	0.00
7) Phenol-d6	7.443	99	1260244	131.306	ng	0.00
23) Nitrobenzene-d5	9.523	82	775143	83.319	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	496982	134.934	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	1912572	81.357	ng	0.00
79) Terphenyl-d14	20.275	244	2650106	82.500	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.641	88	91192	32.927	ng	98
3) Pyridine	4.064	79	237228	28.983	ng	98
4) n-Nitrosodimethylamine	3.988	42	157780	39.296	ng	97
6) Aniline	7.648	93	312498	26.645	ng	97
8) 2-Chlorophenol	7.872	128	343703	47.521	ng	99
9) Benzaldehyde	7.466	77	106442	19.812	ng	97
10) Phenol	7.466	94	458331	47.593	ng	97
11) bis(2-Chloroethyl)ether	7.737	93	316446	41.220	ng	99
12) 1,3-Dichlorobenzene	8.201	146	337684	43.295	ng	96
13) 1,4-Dichlorobenzene	8.359	146	348174	44.038	ng	98
14) 1,2-Dichlorobenzene	8.677	146	338625	43.125	ng	99
15) Benzyl Alcohol	8.565	79	334120	44.033	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.824	45	657217	44.098	ng	98
17) 2-Methylphenol	8.741	107	322652	43.632	ng	99
18) Hexachloroethane	9.411	117	121404	44.951	ng	99
19) n-Nitroso-di-n-propyla...	9.135	70	280624	42.181	ng	99
20) 3+4-Methylphenols	9.076	107	436907	43.807	ng	96
22) Acetophenone	9.164	105	545897	42.053	ng	100
24) Nitrobenzene	9.564	77	396104	42.587	ng	97
25) Isophorone	10.075	82	767787	41.234	ng	99
26) 2-Nitrophenol	10.275	139	160958	42.967	ng	98
27) 2,4-Dimethylphenol	10.292	122	290168	35.209	ng	98
28) bis(2-Chloroethoxy)met...	10.557	93	465538	41.705	ng	98
29) 2,4-Dichlorophenol	10.792	162	340395	46.020	ng	97
30) 1,2,4-Trichlorobenzene	11.015	180	330244	42.050	ng	98
31) Naphthalene	11.221	128	1125506	41.618	ng	99
32) Benzoic acid	10.416	122	235957	44.124	ng	99
33) 4-Chloroaniline	11.332	127	152567	13.379	ng	# 95
34) Hexachlorobutadiene	11.450	225	223425	41.708	ng	96
35) Caprolactam	12.131	113	66230	26.599	ng	93
36) 4-Chloro-3-methylphenol	12.402	107	411359	45.381	ng	97
37) 2-Methylnaphthalene	12.801	142	764727	40.941	ng	98
38) 1-Methylnaphthalene	13.019	142	714602	40.760	ng	98
40) 1,2,4,5-Tetrachloroben...	13.142	216	426595	43.704	ng	99
41) Hexachlorocyclopentadiene	13.095	237	477342	99.445	ng	99
43) 2,4,6-Trichlorophenol	13.383	196	286906	45.776	ng	98

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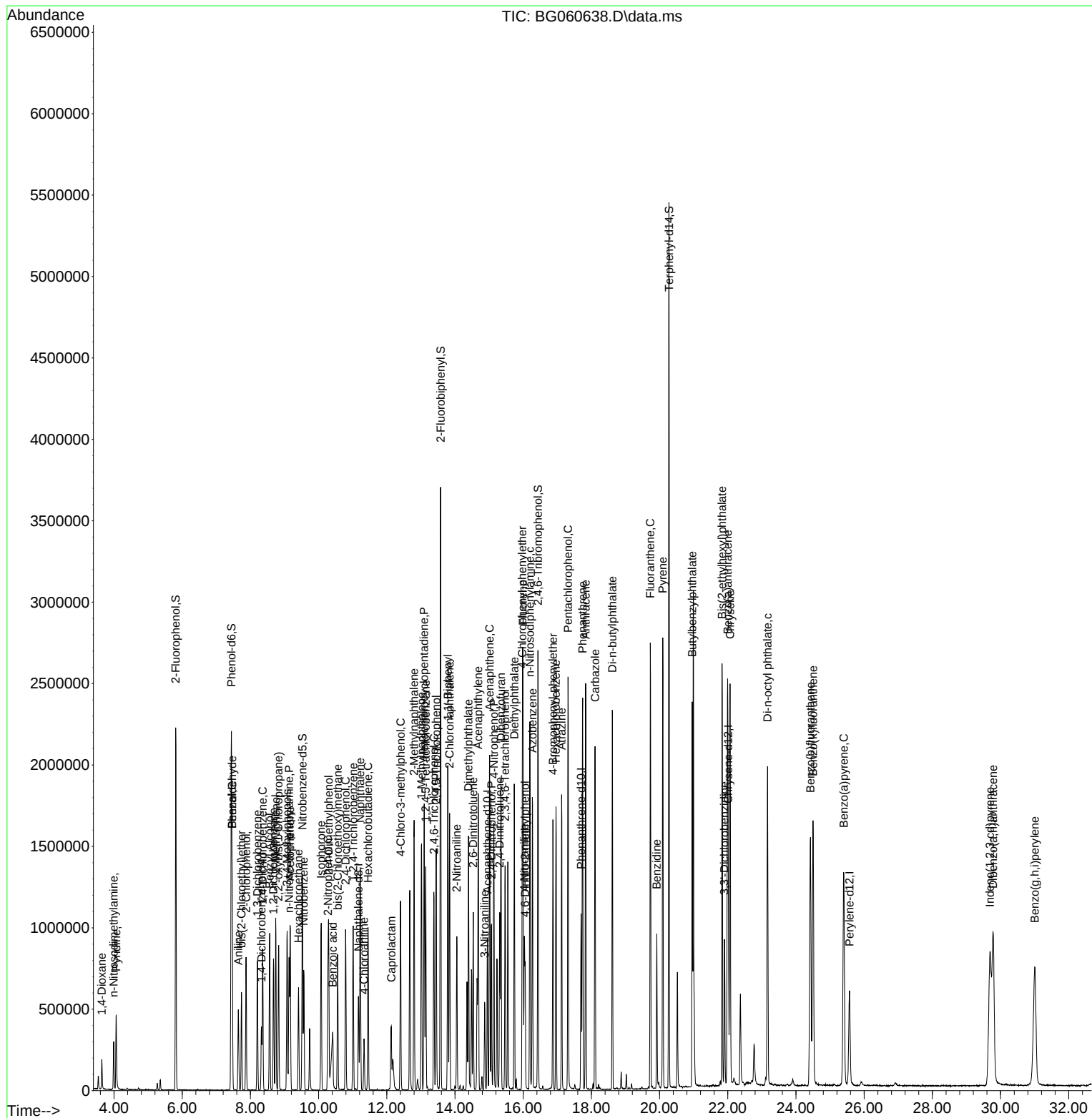
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	313994	42.349	ng	# 92
46) 1,1'-Biphenyl	13.788	154	1033059	42.759	ng	98
47) 2-Chloronaphthalene	13.841	162	802497	44.012	ng	96
48) 2-Nitroaniline	14.053	65	277891	46.178	ng	99
49) Acenaphthylene	14.681	152	1338182	45.052	ng	99
50) Dimethylphthalate	14.394	163	1025422	43.017	ng	97
51) 2,6-Dinitrotoluene	14.535	165	206786	47.078	ng	97
52) Acenaphthene	15.016	154	742945	41.857	ng	99
53) 3-Nitroaniline	14.869	138	119420	23.613	ng	# 97
54) 2,4-Dinitrophenol	15.069	184	197211	87.043	ng	99
55) Dibenzofuran	15.345	168	1212376	42.185	ng	98
56) 4-Nitrophenol	15.140	139	361527	95.798	ng	98
57) 2,4-Dinitrotoluene	15.310	165	270435	48.942	ng	96
58) Fluorene	15.992	166	980696	42.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.469	232	281245	45.486	ng	99
60) Diethylphthalate	15.739	149	1051686	42.878	ng	100
61) 4-Chlorophenyl-phenyle...	15.974	204	487579	41.863	ng	99
62) 4-Nitroaniline	16.033	138	225695	43.580	ng	98
63) Azobenzene	16.268	77	1084914	42.742	ng	99
65) 4,6-Dinitro-2-methylph...	16.056	198	134182	44.895	ng	98
66) n-Nitrosodiphenylamine	16.197	169	897539	43.026	ng	99
67) 4-Bromophenyl-phenylether	16.873	248	312051	43.414	ng	98
68) Hexachlorobenzene	16.961	284	378621	45.815	ng	98
69) Atrazine	17.126	200	316365	45.343	ng	99
70) Pentachlorophenol	17.314	266	465789	86.960	ng	96
71) Phenanthrene	17.743	178	1521764	42.382	ng	99
72) Anthracene	17.831	178	1553024	42.778	ng	100
73) Carbazole	18.107	167	1363108	43.182	ng	98
74) Di-n-butylphthalate	18.618	149	1694908	44.060	ng	99
75) Fluoranthene	19.728	202	1697698	42.745	ng	99
77) Benzidine	19.916	184	542904	38.227	ng	99
78) Pyrene	20.093	202	1782223	43.984	ng	99
80) Butylbenzylphthalate	20.956	149	707282	46.172	ng	97
81) Benzo(a)anthracene	21.996	228	1754542	43.888	ng	99
82) 3,3'-Dichlorobenzidine	21.902	252	341292	25.328	ng	# 91
83) Chrysene	22.067	228	1694910	43.663	ng	99
84) Bis(2-ethylhexyl)phtha...	21.832	149	1027773	45.422	ng	98
85) Di-n-octyl phthalate	23.166	149	1752411	47.031	ng	99
87) Indeno(1,2,3-cd)pyrene	29.693	276	2105066	46.792	ng	# 89
88) Benzo(b)fluoranthene	24.423	252	1678075	46.249	ng	99
89) Benzo(k)fluoranthene	24.499	252	1728298	45.340	ng	98
90) Benzo(a)pyrene	25.398	252	1597509	44.909	ng	99
91) Dibenzo(a,h)anthracene	29.781	278	1756672	45.997	ng	98
92) Benzo(g,h,i)perylene	31.003	276	1620579	43.827	ng	97

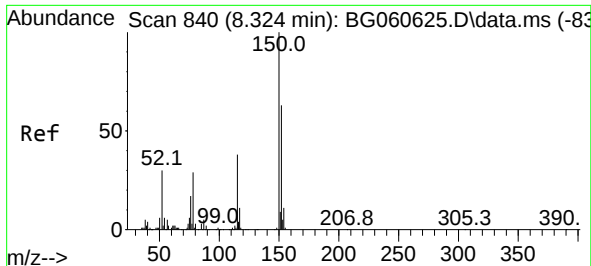
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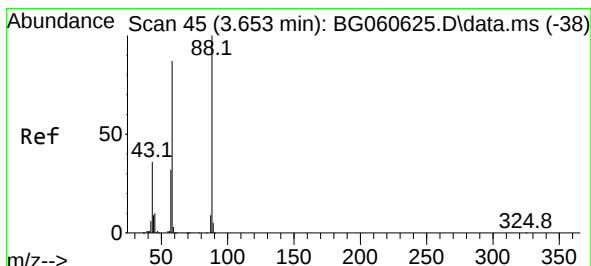
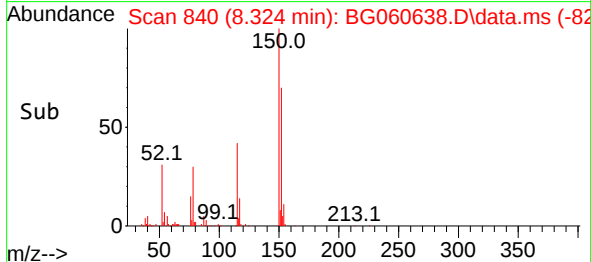
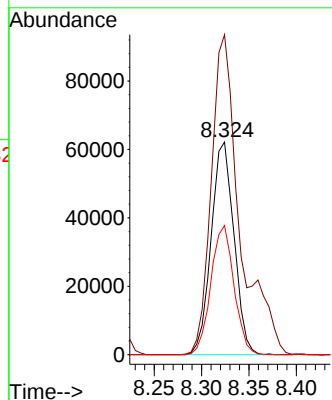
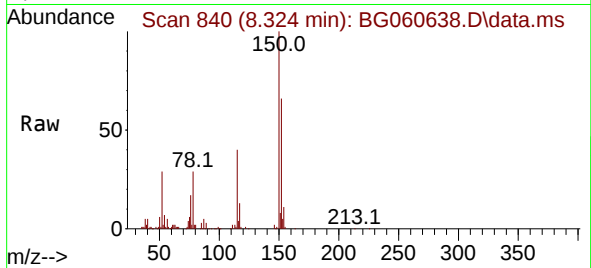




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.324 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG060638.D
 Acq: 14 Mar 2024 14:31

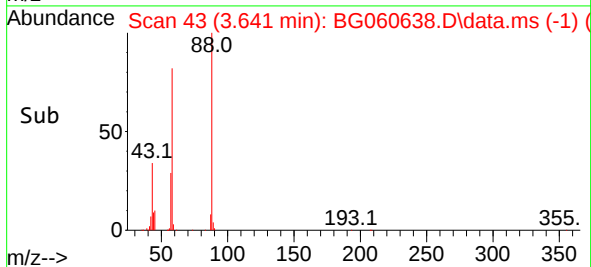
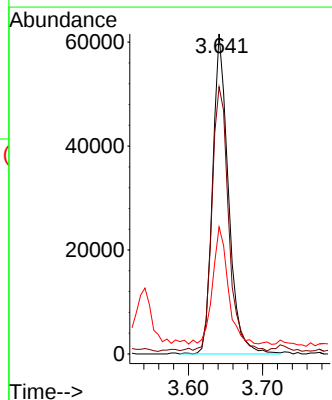
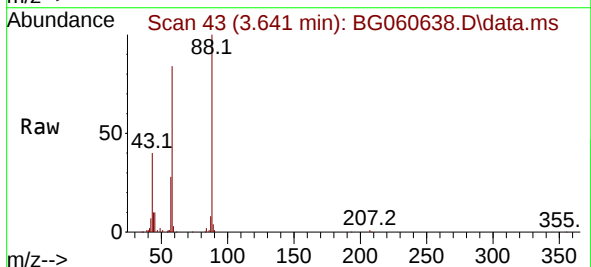
Instrument :
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 ClientSampleId :
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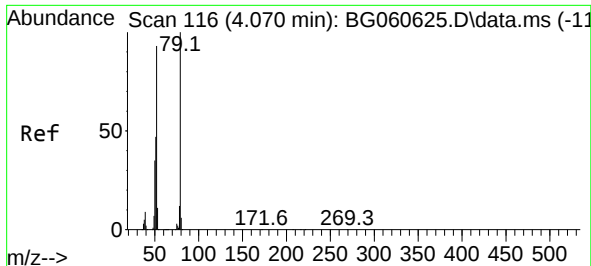
Tgt Ion:152 Resp: 104009
 Ion Ratio Lower Upper
 152 100
 150 150.5 126.6 190.0
 115 60.8 47.8 71.8



#2
 1,4-Dioxane
 Concen: 32.927 ng
 RT: 3.641 min Scan# 43
 Delta R.T. -0.011 min
 Lab File: BG060638.D
 Acq: 14 Mar 2024 14:31

Tgt Ion: 88 Resp: 91192
 Ion Ratio Lower Upper
 88 100
 58 86.5 70.6 106.0
 43 35.8 27.9 41.9

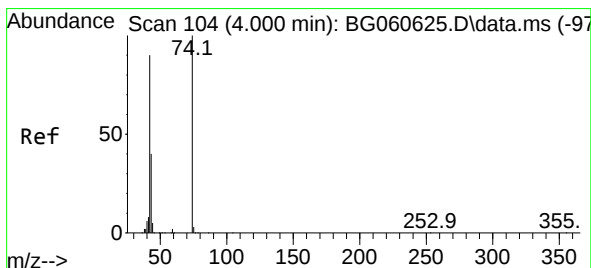
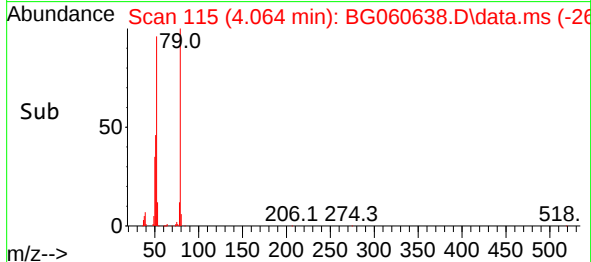
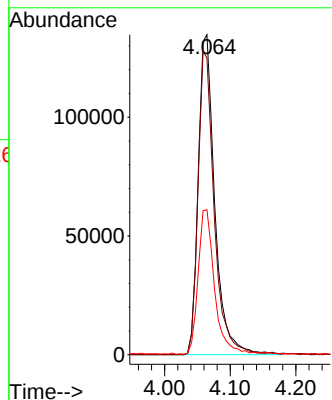
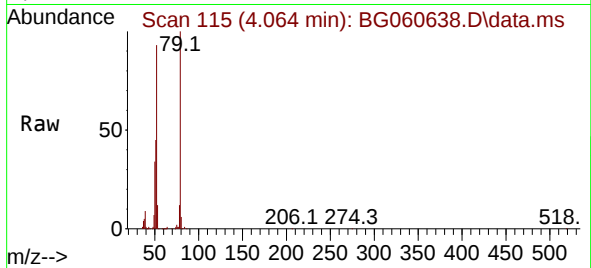




#3
Pyridine
Concen: 28.983 ng
RT: 4.064 min Scan# 116
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

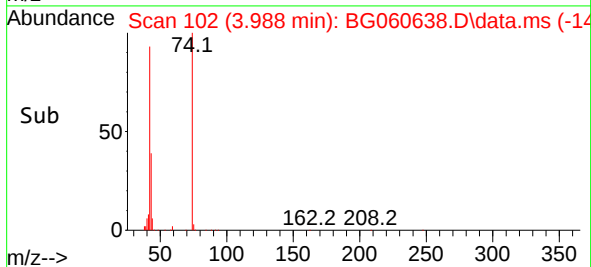
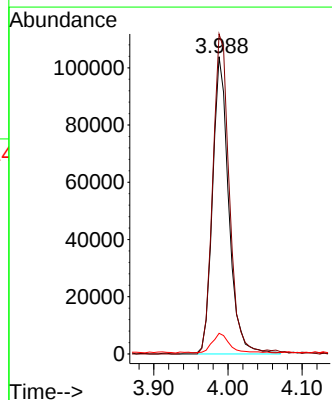
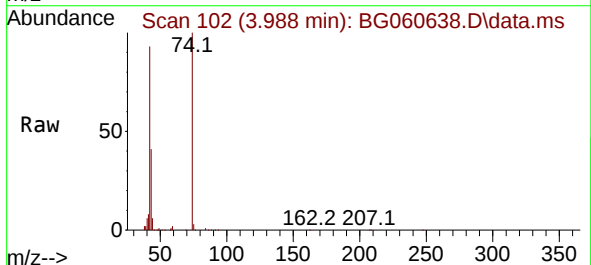
Instrument :
BNA_G
ClientSampleId :
IDOC-02

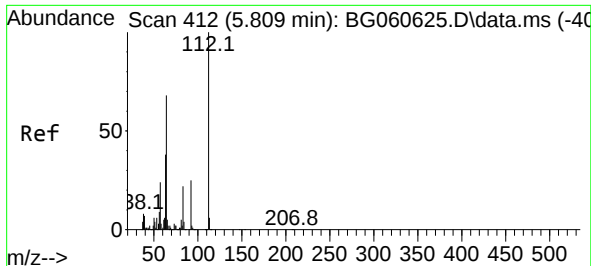
Tgt Ion: 79 Resp: 237228
Ion Ratio Lower Upper
79 100
52 92.7 74.6 112.0
51 45.3 38.0 57.0



#4
n-Nitrosodimethylamine
Concen: 39.296 ng
RT: 3.988 min Scan# 102
Delta R.T. -0.011 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion: 42 Resp: 157780
Ion Ratio Lower Upper
42 100
74 107.6 89.0 133.6
44 7.0 4.7 7.1

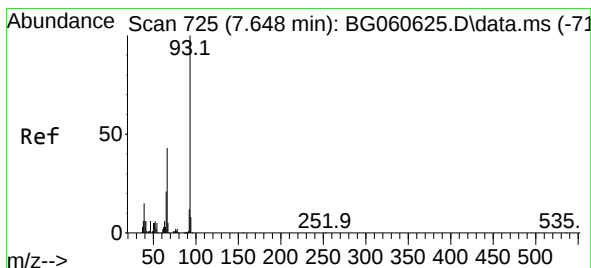
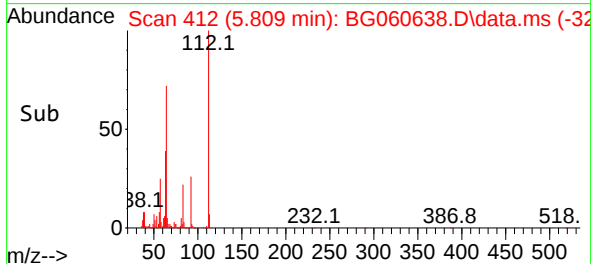
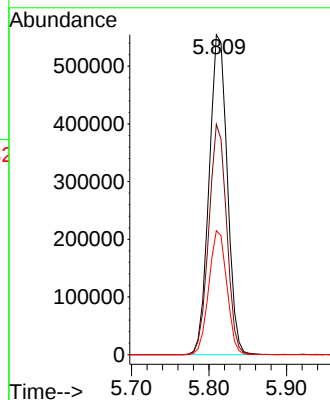
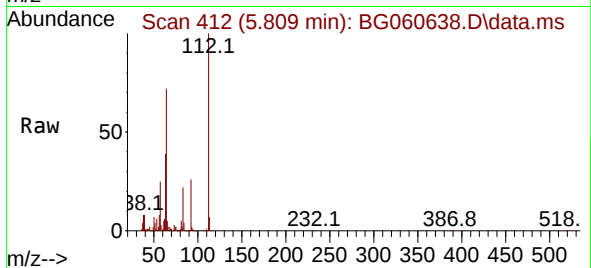




#5
2-Fluorophenol
Concen: 136.728 ng
RT: 5.809 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

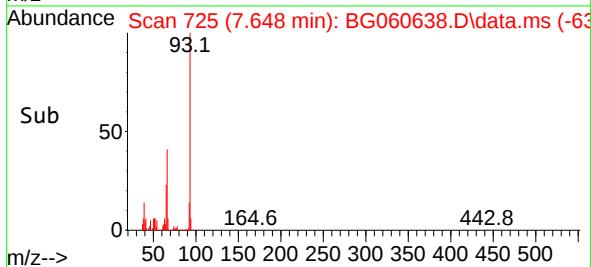
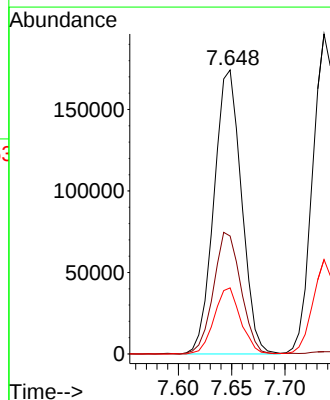
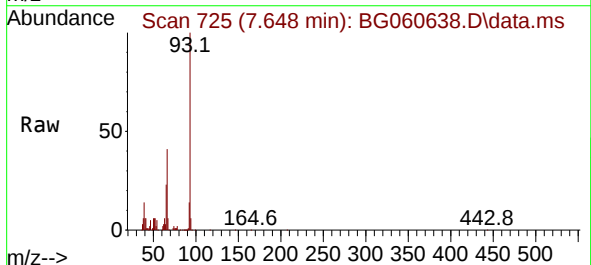
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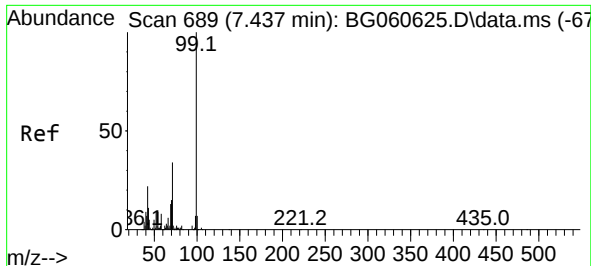
Tgt Ion:112 Resp: 904646
Ion Ratio Lower Upper
112 100
64 72.0 54.1 81.1
63 38.8 30.3 45.5



#6
Aniline
Concen: 26.645 ng
RT: 7.648 min Scan# 725
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion: 93 Resp: 312498
Ion Ratio Lower Upper
93 100
66 41.5 34.5 51.7
65 23.3 17.0 25.4

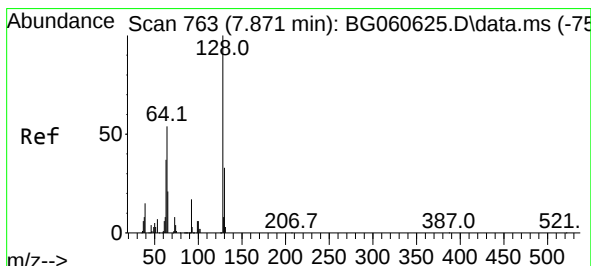
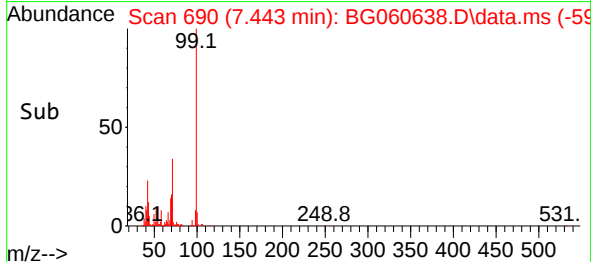
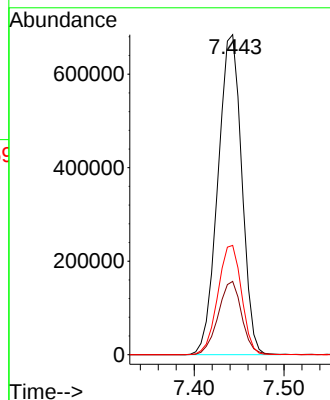
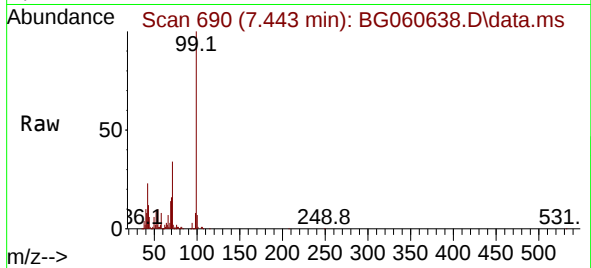




#7
Phenol-d6
Concen: 131.306 ng
RT: 7.443 min Scan# 689
Delta R.T. 0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

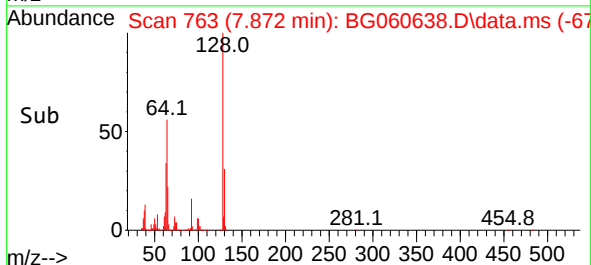
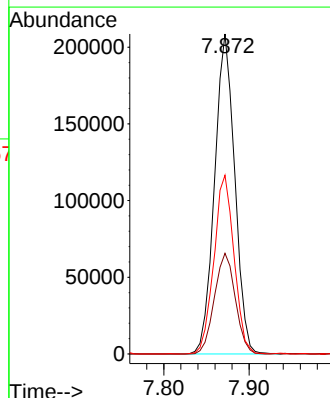
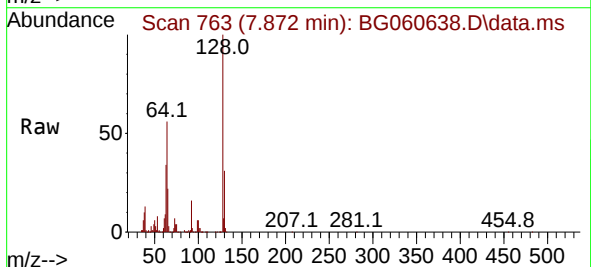
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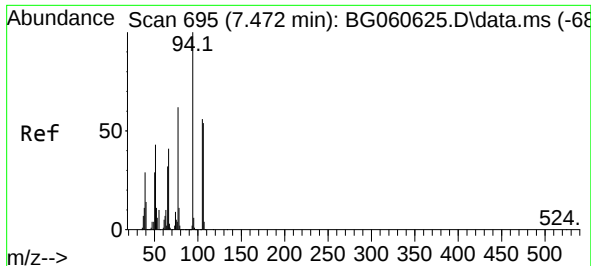
Tgt Ion: 99 Resp: 1260244
Ion Ratio Lower Upper
99 100
42 22.9 17.5 26.3
71 34.1 27.4 41.0



#8
2-Chlorophenol
Concen: 47.521 ng
RT: 7.872 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:128 Resp: 343703
Ion Ratio Lower Upper
128 100
130 31.5 13.2 53.2
64 55.9 35.8 75.8

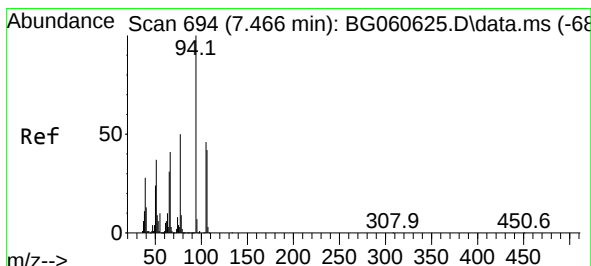
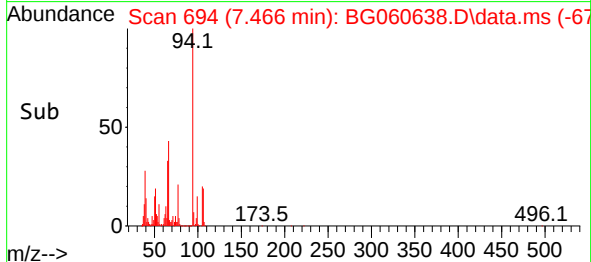
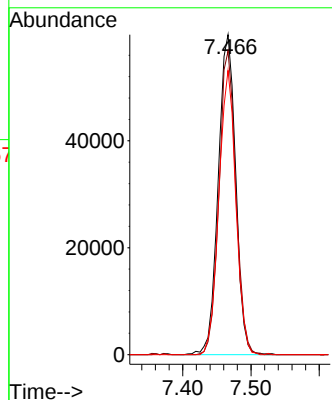
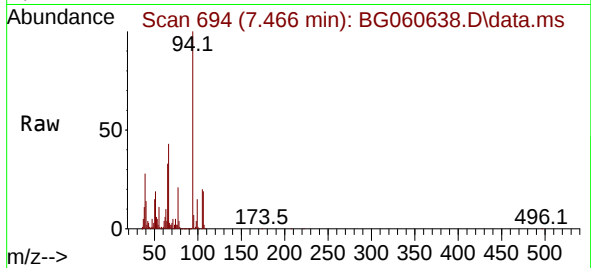




#9
Benzaldehyde
Concen: 19.812 ng
RT: 7.466 min Scan# 695
Delta R.T. -0.006 min
Lab File: BG060638.D
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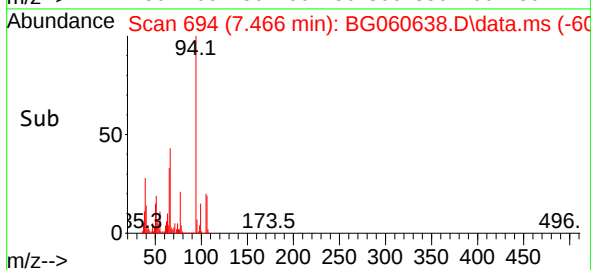
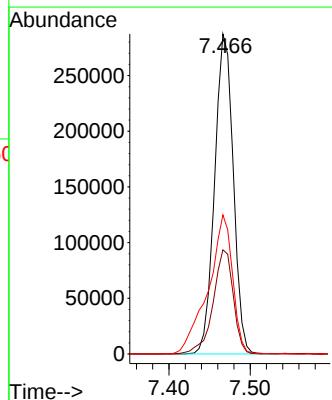
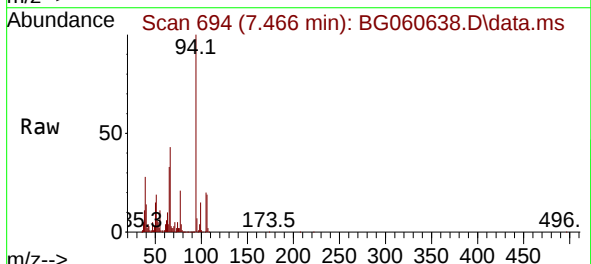
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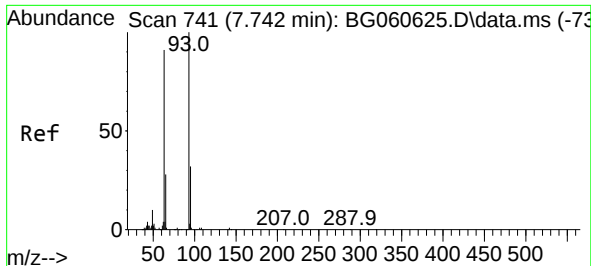
Tgt Ion: 77 Resp: 106442
Ion Ratio Lower Upper
77 100
105 94.9 71.4 111.4
106 88.9 67.1 107.1



#10
Phenol
Concen: 47.593 ng
RT: 7.466 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion: 94 Resp: 458331
Ion Ratio Lower Upper
94 100
65 32.6 11.2 51.2
66 43.5 21.0 61.0

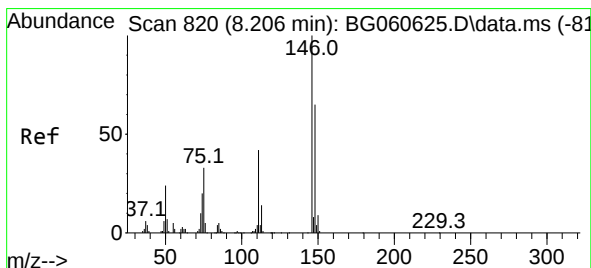
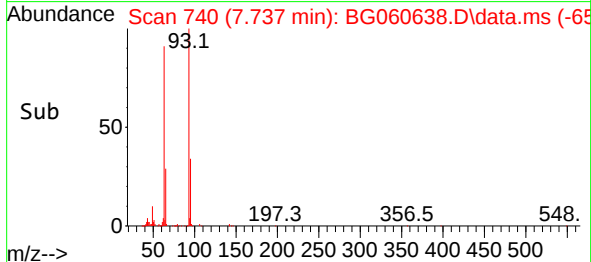
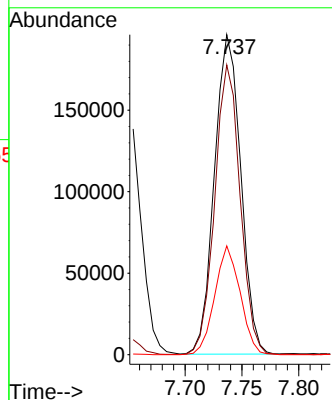
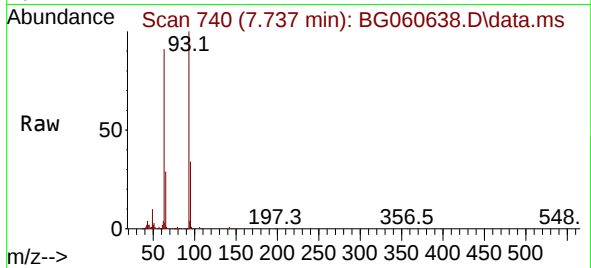




#11
bis(2-Chloroethyl)ether
Concen: 41.220 ng
RT: 7.737 min Scan# 741
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

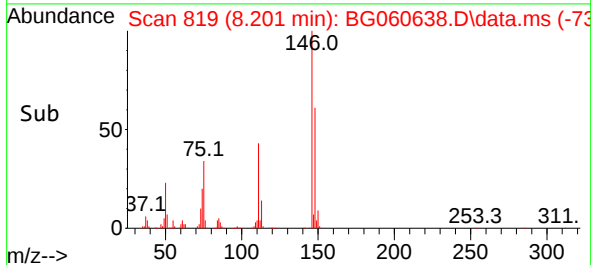
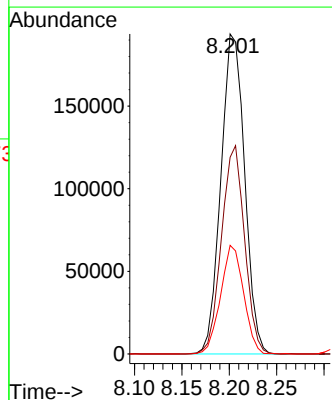
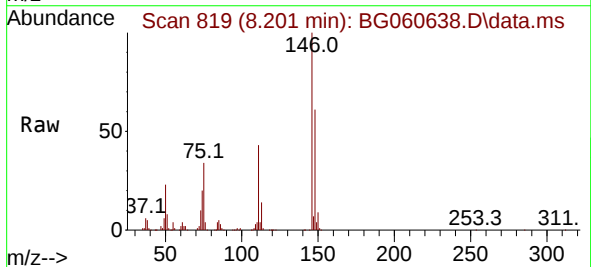
Instrument :
BNA_G
ClientSampleId :
IDOC-02

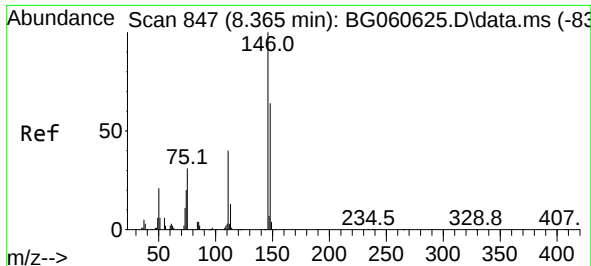
Tgt Ion: 93 Resp: 316446
Ion Ratio Lower Upper
93 100
63 90.5 70.9 110.9
95 34.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 43.295 ng
RT: 8.201 min Scan# 819
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:146 Resp: 337684
Ion Ratio Lower Upper
146 100
148 61.5 52.1 78.1
75 33.9 26.3 39.5

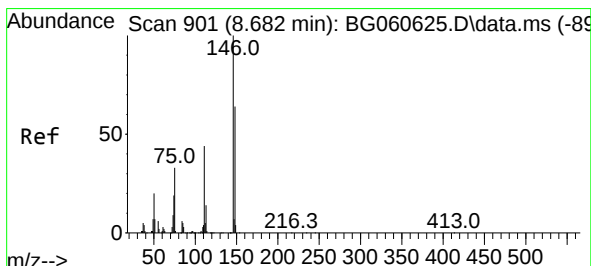
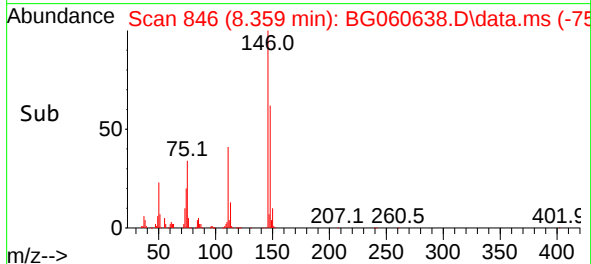
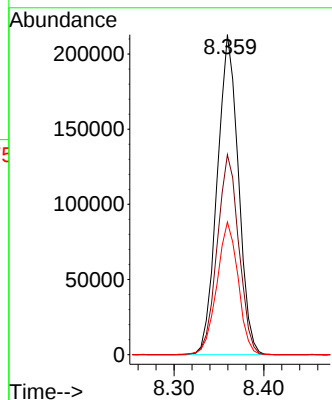
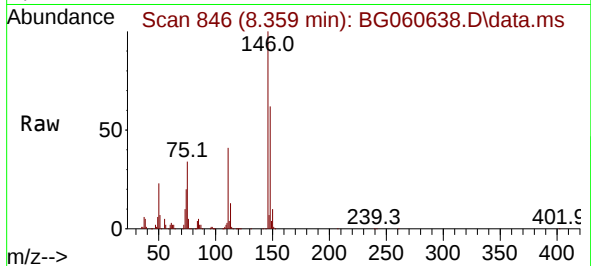




#13
1,4-Dichlorobenzene
Concen: 44.038 ng
RT: 8.359 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

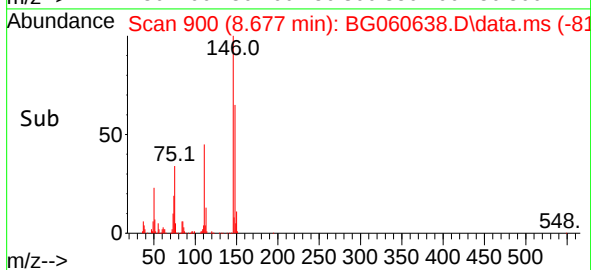
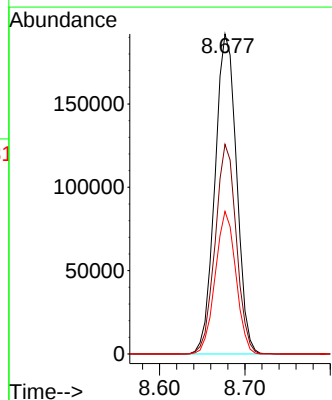
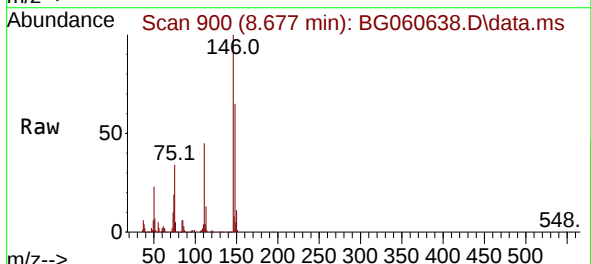
Instrument :
BNA_G
ClientSampleId :
IDOC-02

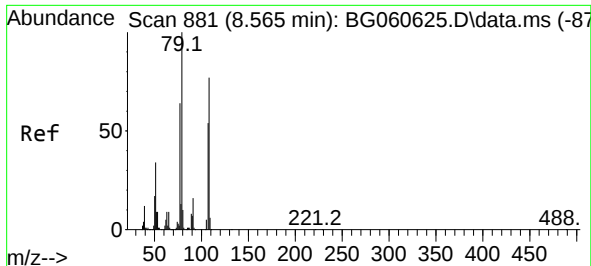
Tgt Ion:146 Resp: 348174
Ion Ratio Lower Upper
146 100
148 62.5 51.5 77.3
111 41.5 32.2 48.2



#14
1,2-Dichlorobenzene
Concen: 43.125 ng
RT: 8.677 min Scan# 900
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:146 Resp: 338625
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.6
111 44.5 35.5 53.3

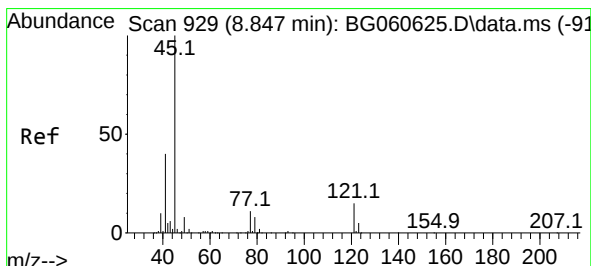
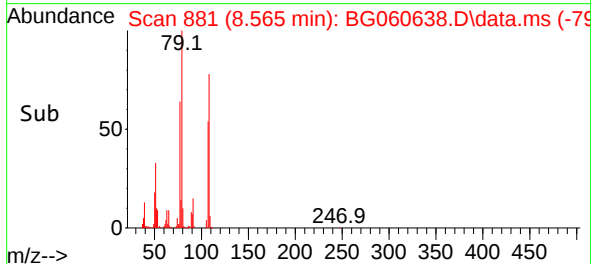
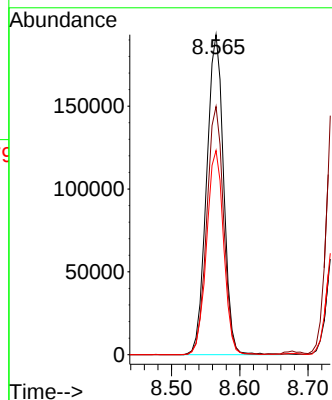
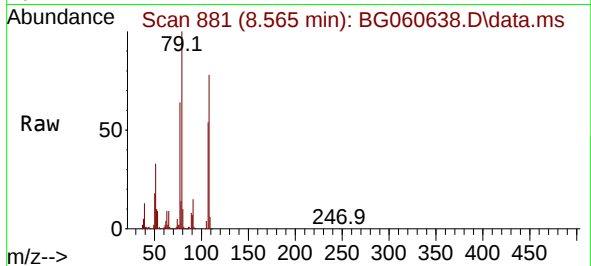




#15
Benzyl Alcohol
Concen: 44.033 ng
RT: 8.565 min Scan# 881
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

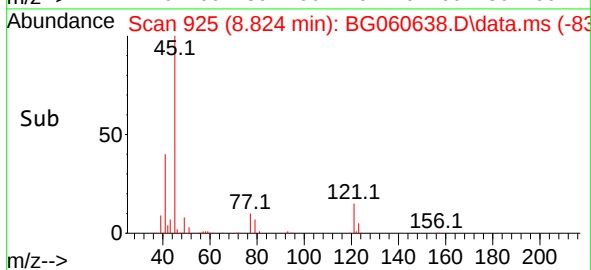
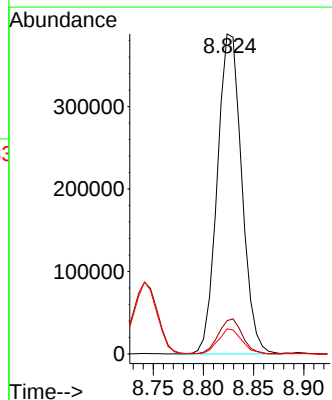
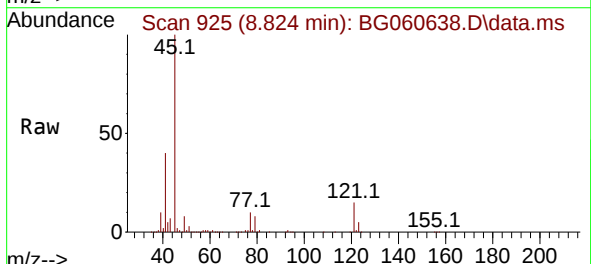
Instrument :
BNA_G
ClientSampleId :
IDOC-02

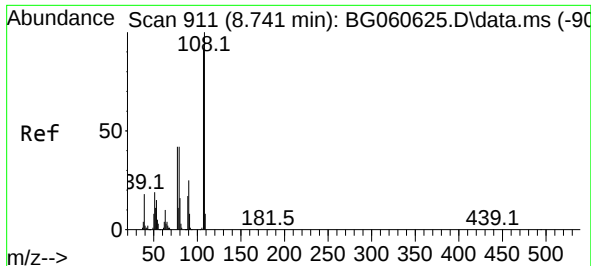
Tgt Ion: 79 Resp: 334120
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.2
77 63.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.098 ng
RT: 8.824 min Scan# 925
Delta R.T. -0.023 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion: 45 Resp: 657217
Ion Ratio Lower Upper
45 100
77 10.4 0.0 31.0
79 7.9 0.0 28.8

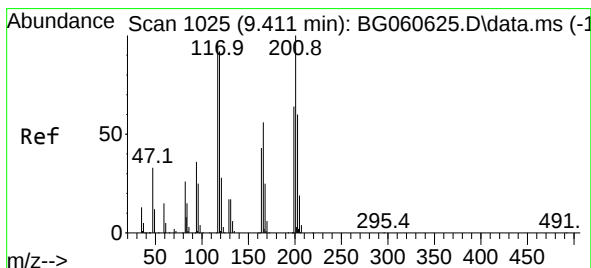
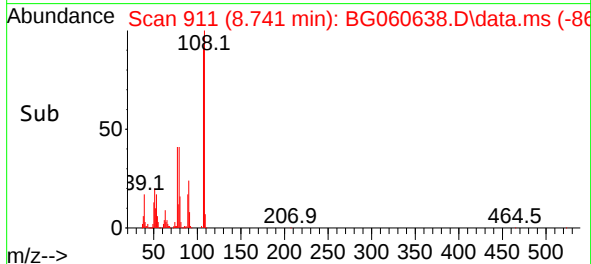
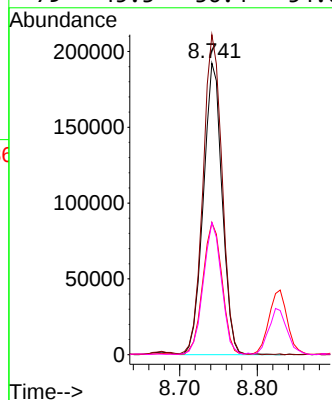
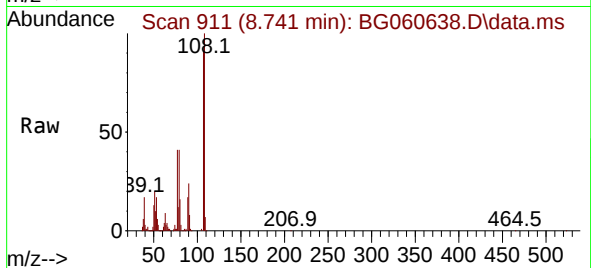




#17
2-Methylphenol
Concen: 43.632 ng
RT: 8.741 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

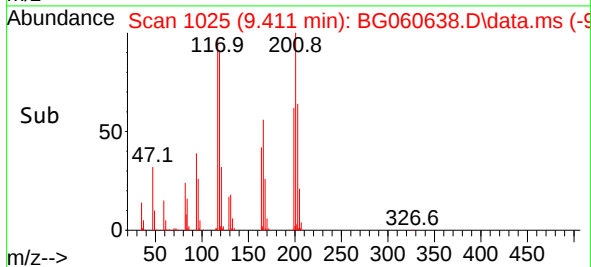
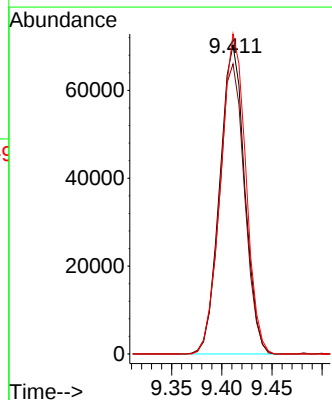
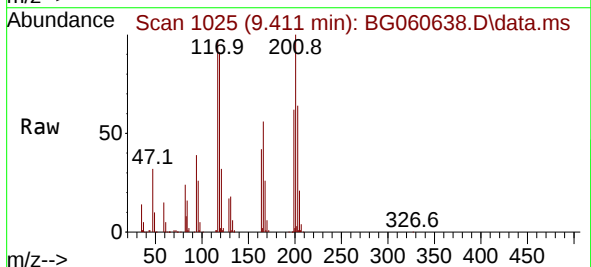
Instrument :
BNA_G
ClientSampleId :
IDOC-02

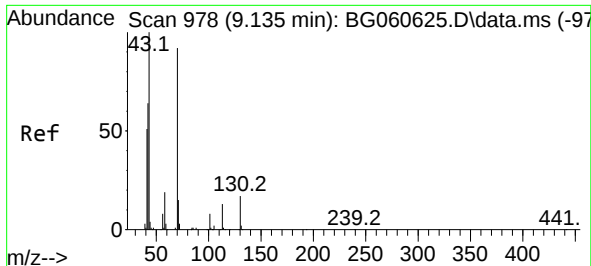
Tgt Ion:	107	Resp:	322652
Ion	Ratio	Lower	Upper
107	100		
108	109.8	87.4	131.2
77	45.3	37.0	55.6
79	45.3	36.4	54.6



#18
Hexachloroethane
Concen: 44.951 ng
RT: 9.411 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:	117	Resp:	121404
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.7	115.1
201	103.6	83.0	124.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.181 ng

RT: 9.135 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

Tgt Ion: 70 Resp: 280624

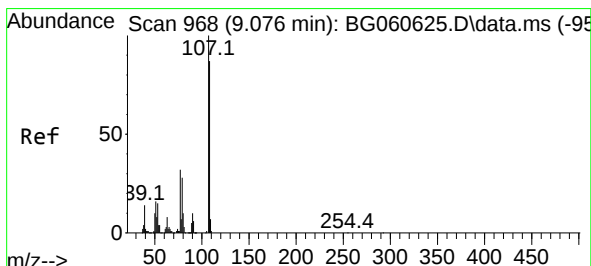
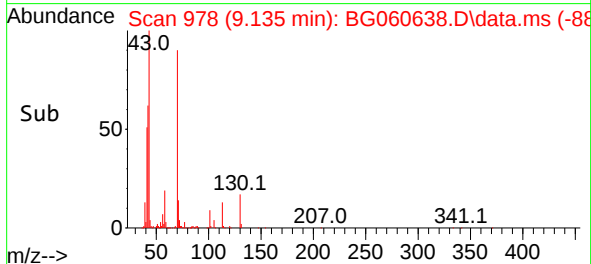
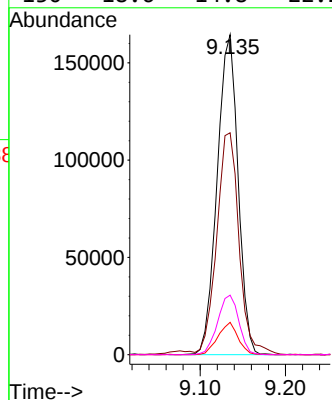
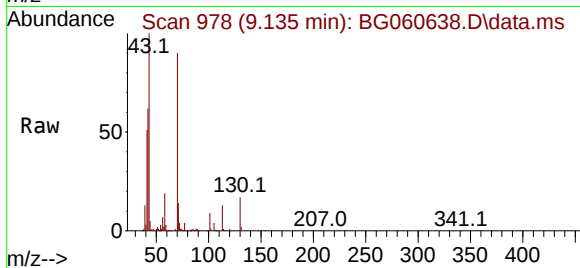
Ion Ratio Lower Upper

70 100

42 69.3 56.2 84.2

101 10.1 7.4 11.0

130 18.6 14.8 22.2



#20

3+4-Methylphenols

Concen: 43.807 ng

RT: 9.076 min Scan# 968

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Tgt Ion: 107 Resp: 436907

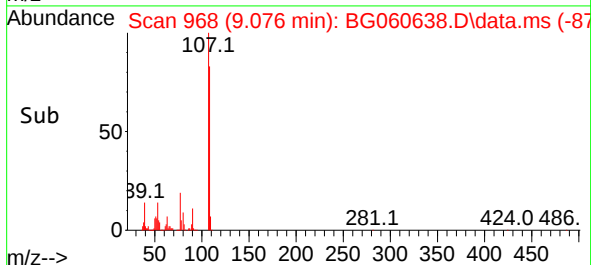
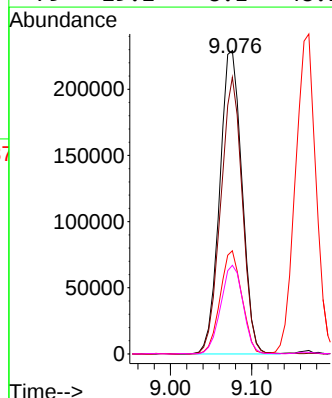
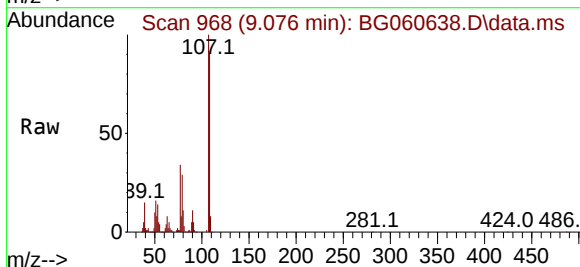
Ion Ratio Lower Upper

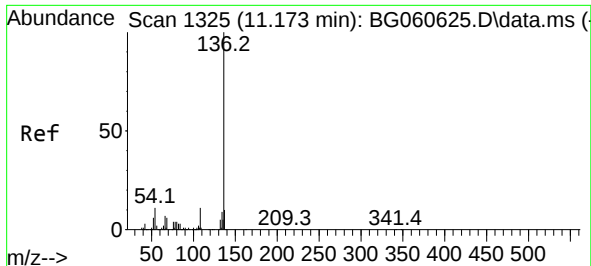
107 100

108 91.2 66.8 106.8

77 34.0 12.4 52.4

79 29.2 8.1 48.1

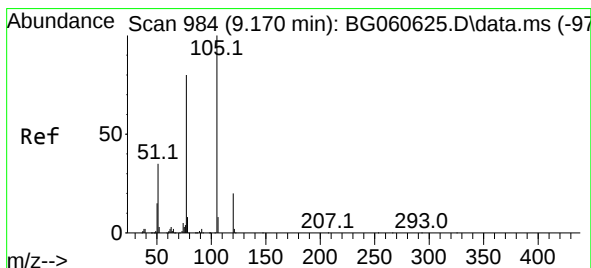
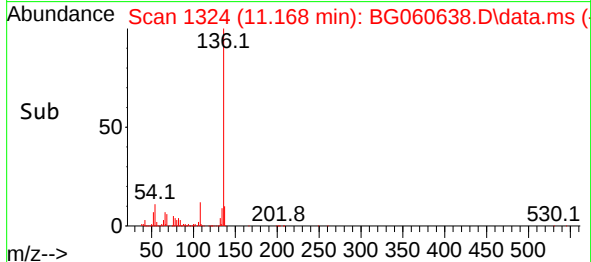
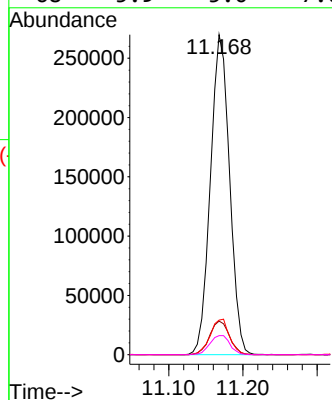
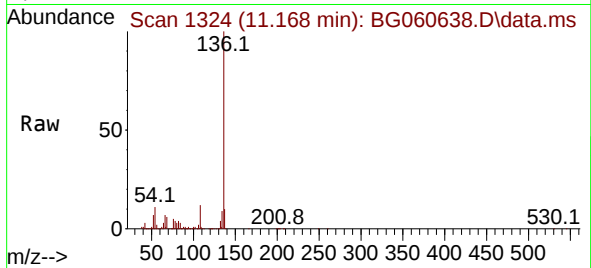




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

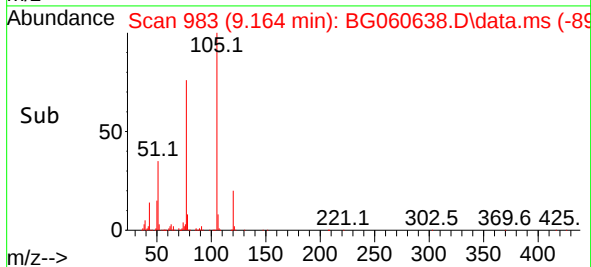
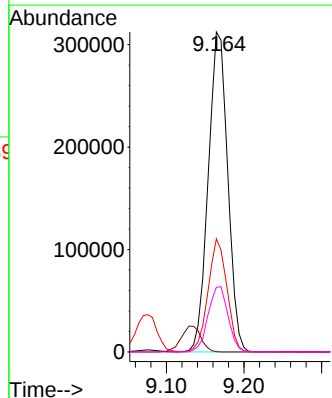
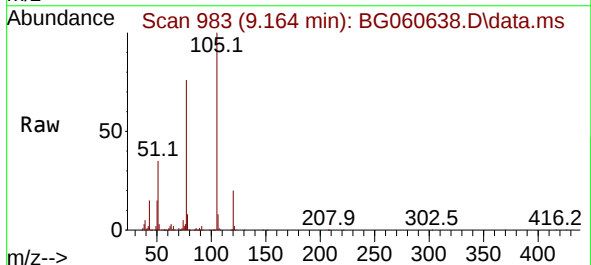
Instrument :
BNA_G
ClientSampleId :
IDOC-02

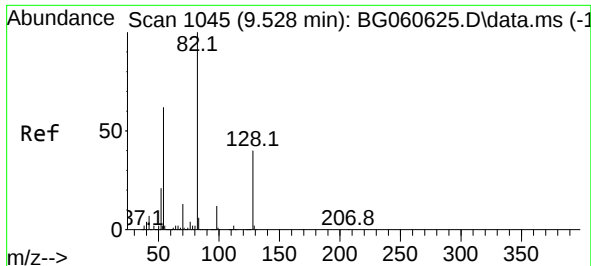
Tgt Ion:136 Resp: 484177
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 10.8 8.5 12.7
68 5.9 5.0 7.6



#22
Acetophenone
Concen: 42.053 ng
RT: 9.164 min Scan# 983
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:105 Resp: 545897
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 35.3 28.0 42.0
120 20.2 16.2 24.2

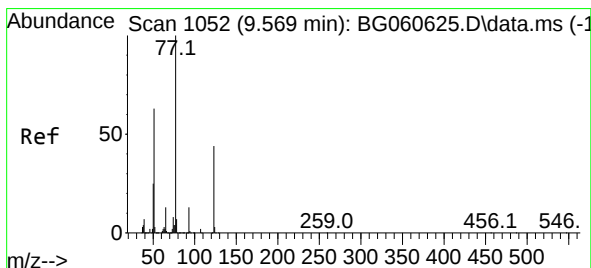
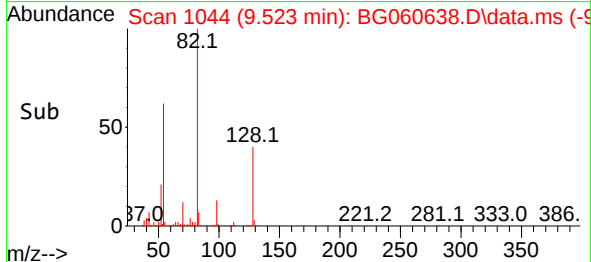
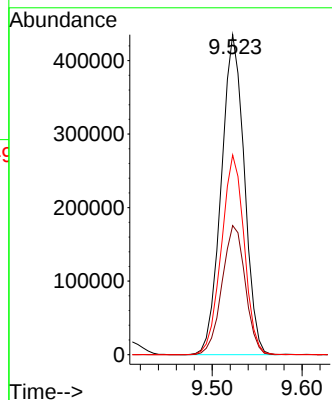
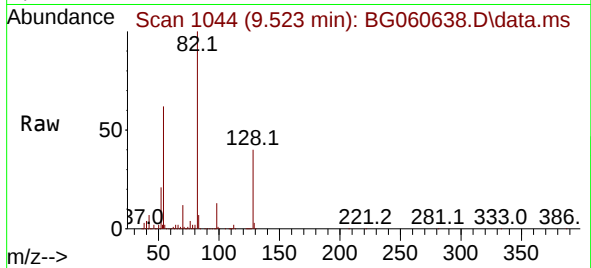




#23
Nitrobenzene-d5
Concen: 83.319 ng
RT: 9.523 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

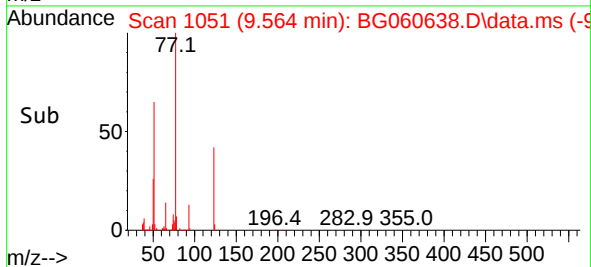
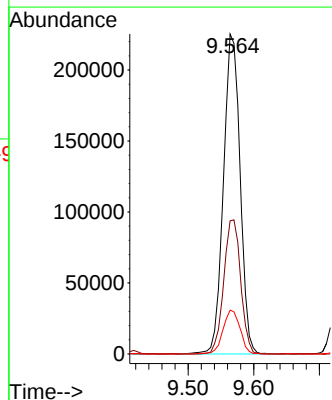
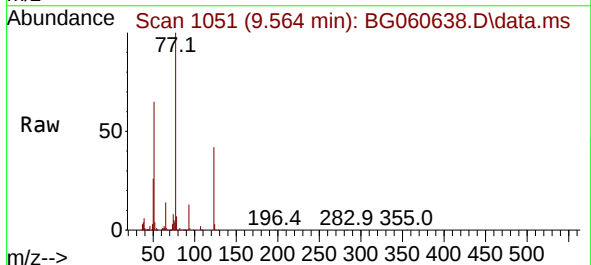
Instrument :
BNA_G
ClientSampleId :
IDOC-02

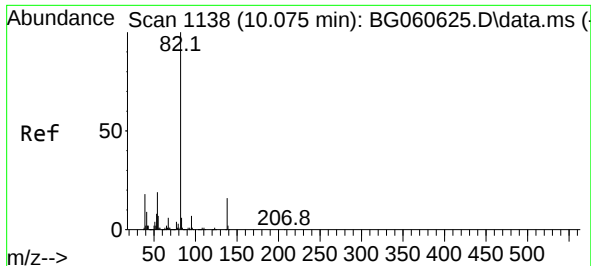
Tgt Ion: 82 Resp: 775143
Ion Ratio Lower Upper
82 100
128 40.3 31.6 47.4
54 62.4 49.3 73.9



#24
Nitrobenzene
Concen: 42.587 ng
RT: 9.564 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion: 77 Resp: 396104
Ion Ratio Lower Upper
77 100
123 41.6 34.8 52.2
65 13.7 10.6 15.8

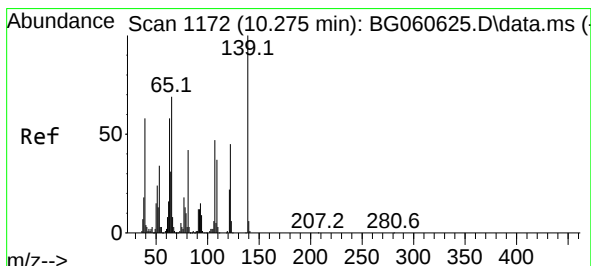
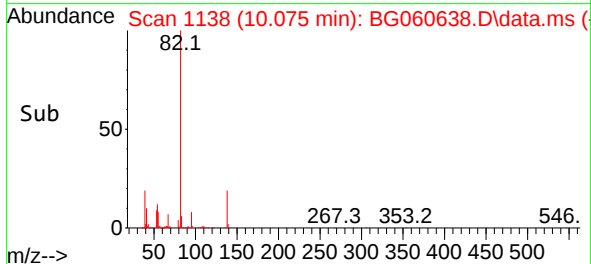
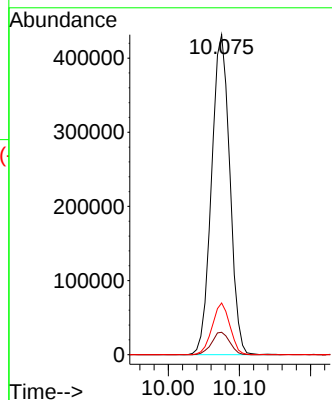
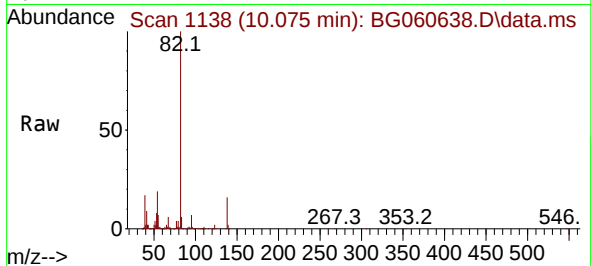




#25
Isophorone
Concen: 41.234 ng
RT: 10.075 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

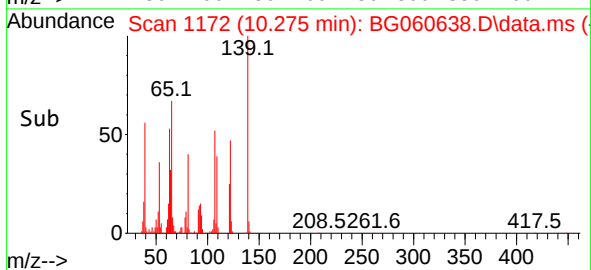
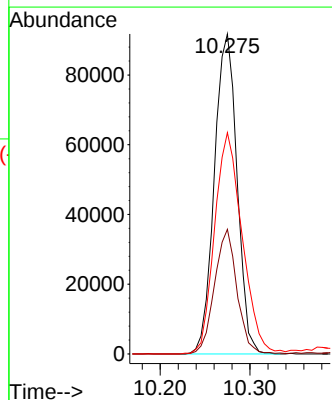
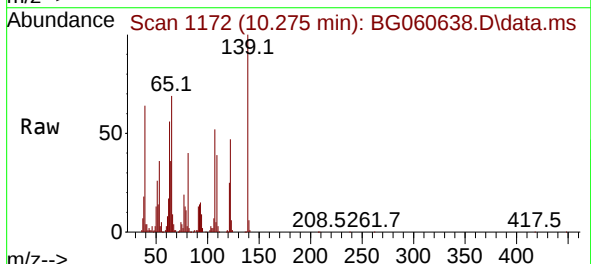
Instrument :
BNA_G
ClientSampleId :
IDOC-02

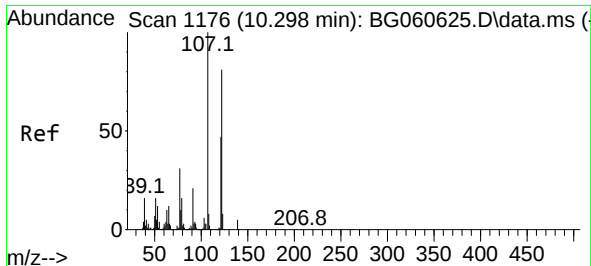
Tgt Ion: 82 Resp: 767787
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 16.2 13.0 19.6



#26
2-Nitrophenol
Concen: 42.967 ng
RT: 10.275 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:139 Resp: 160958
Ion Ratio Lower Upper
139 100
109 39.0 29.5 44.3
65 69.2 55.0 82.4





#27

2,4-Dimethylphenol

Concen: 35.209 ng

RT: 10.292 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

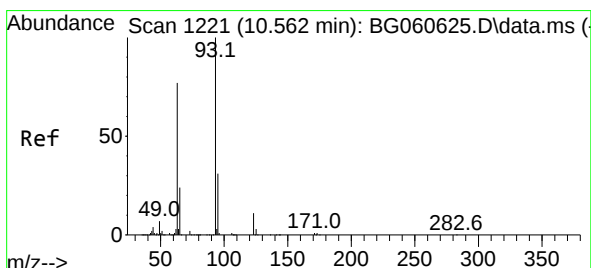
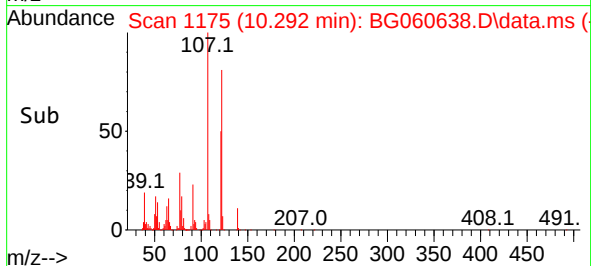
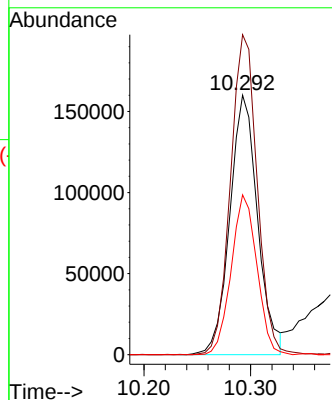
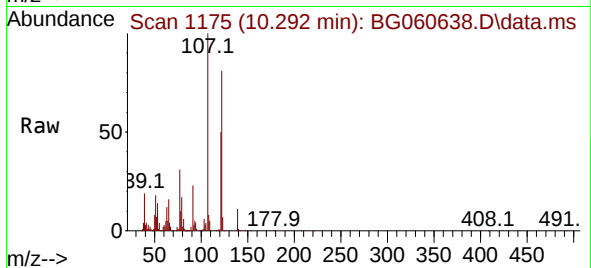
Tgt Ion:122 Resp: 290168

Ion Ratio Lower Upper

122 100

107 123.3 99.3 148.9

121 61.6 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 41.705 ng

RT: 10.557 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

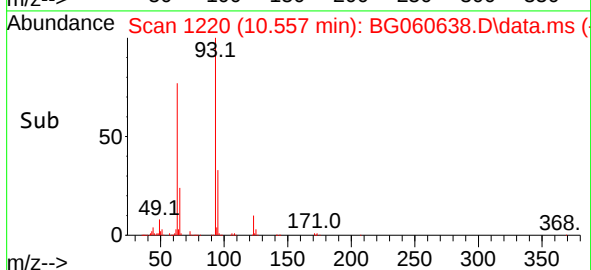
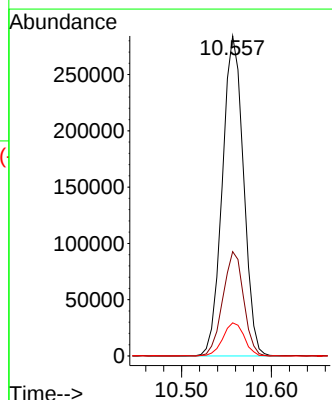
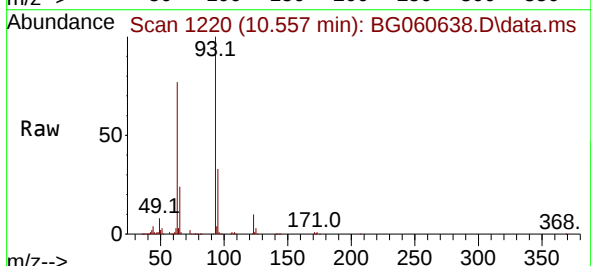
Tgt Ion: 93 Resp: 465538

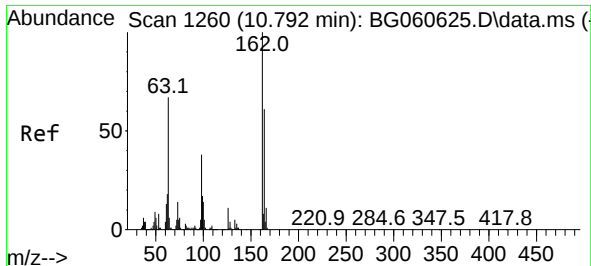
Ion Ratio Lower Upper

93 100

95 32.6 25.1 37.7

123 10.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 46.020 ng

RT: 10.792 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

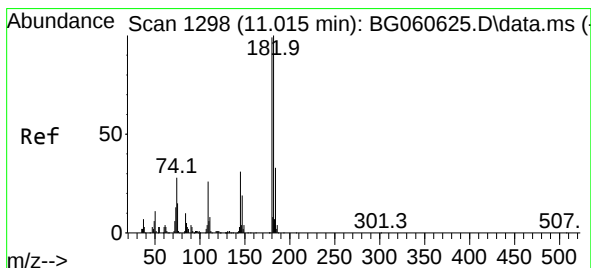
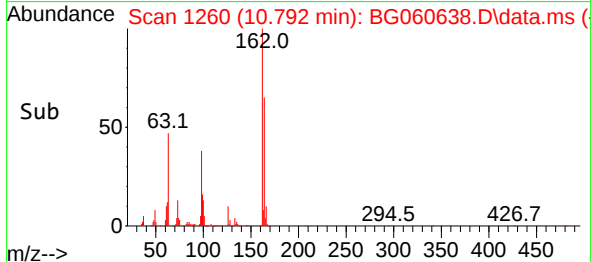
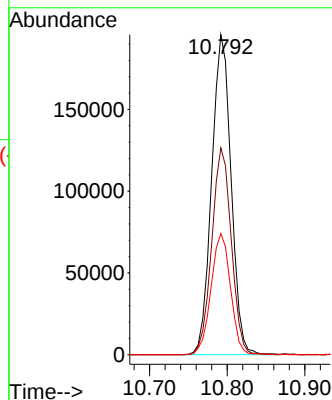
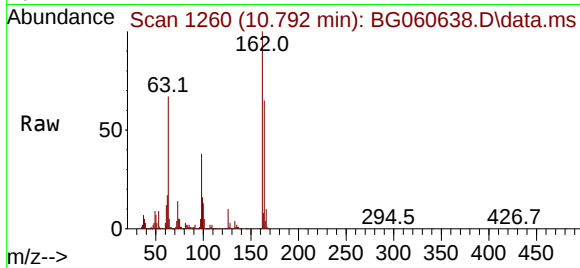
Tgt Ion:162 Resp: 340395

Ion Ratio Lower Upper

162 100

164 64.7 41.0 81.0

98 37.9 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.050 ng

RT: 11.015 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

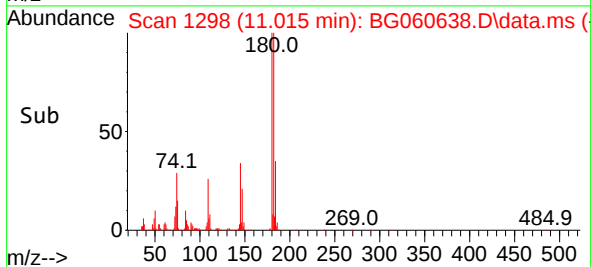
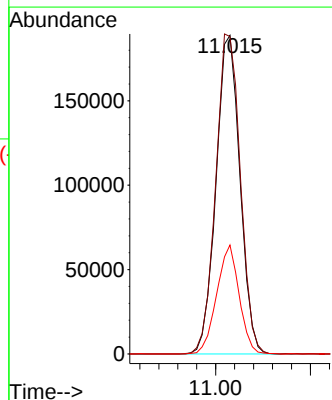
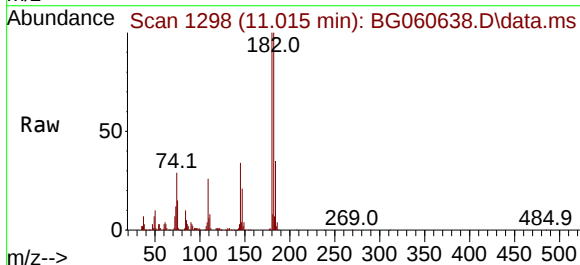
Tgt Ion:180 Resp: 330244

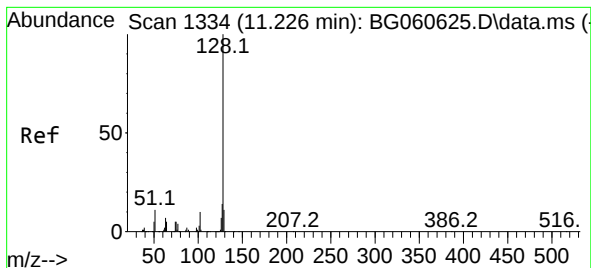
Ion Ratio Lower Upper

180 100

182 99.7 80.7 121.1

145 34.2 25.4 38.2





#31

Naphthalene

Concen: 41.618 ng

RT: 11.221 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

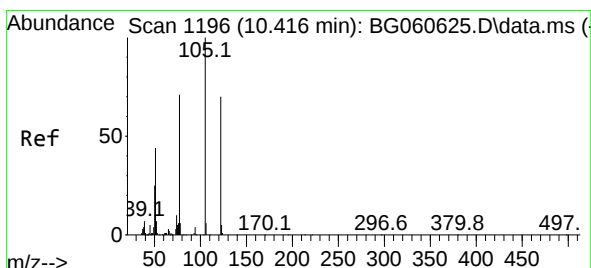
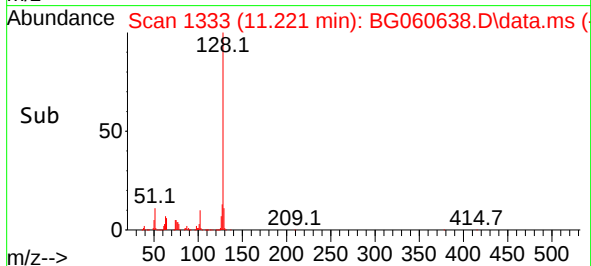
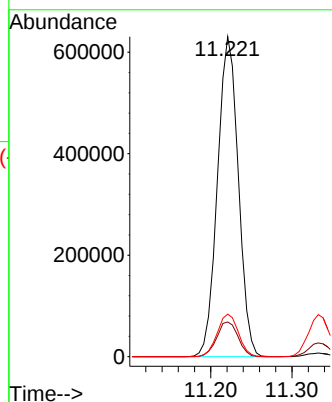
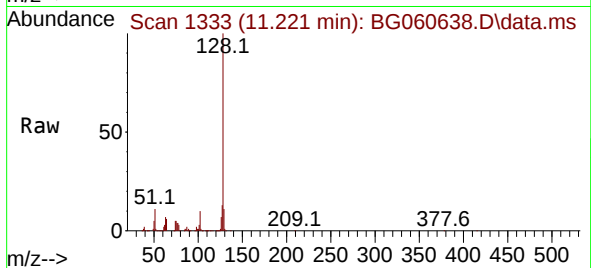
Tgt Ion:128 Resp: 1125506

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.3 11.0 16.4



#32

Benzoic acid

Concen: 44.124 ng

RT: 10.416 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

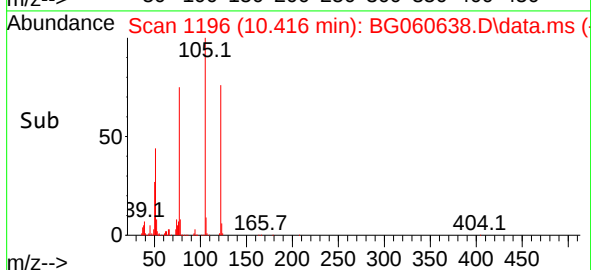
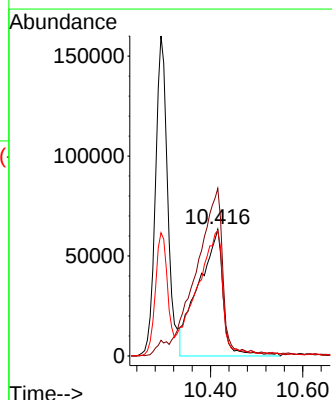
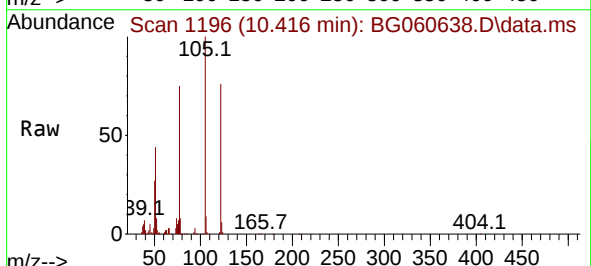
Tgt Ion:122 Resp: 235957

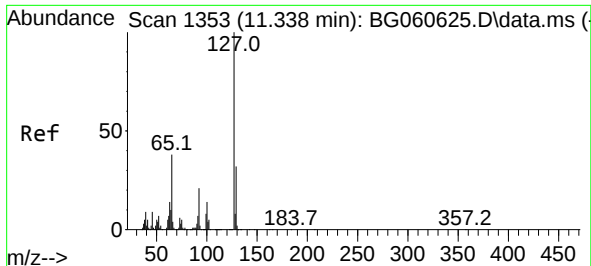
Ion Ratio Lower Upper

122 100

105 132.4 115.0 155.0

77 99.1 79.0 119.0

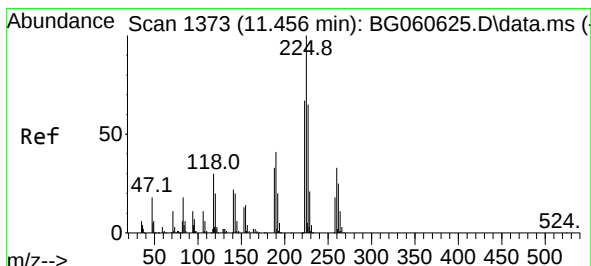
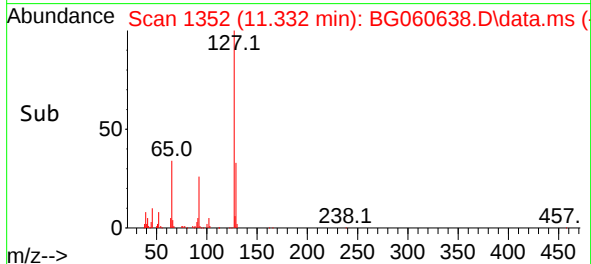
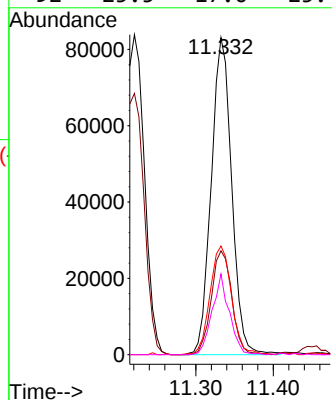
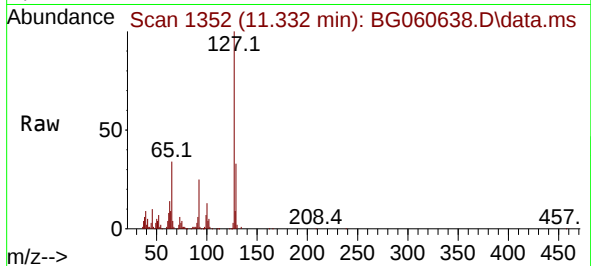




#33
4-Chloroaniline
Concen: 13.379 ng
RT: 11.332 min Scan# 11352
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

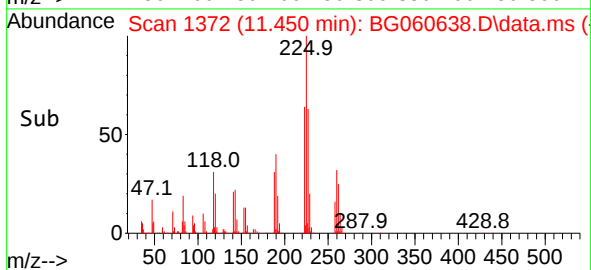
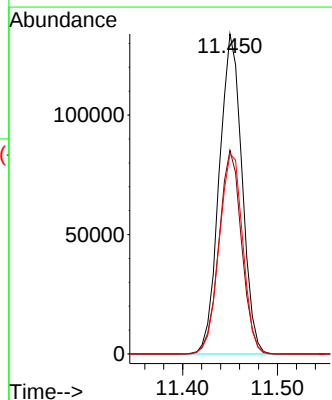
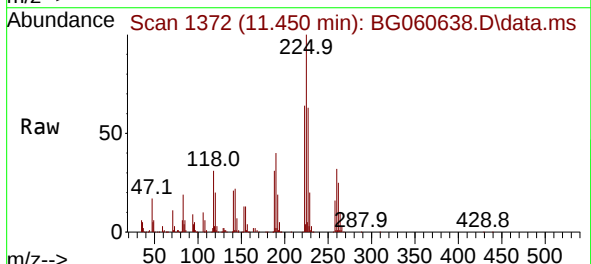
Instrument :
BNA_G
ClientSampleId :
IDOC-02

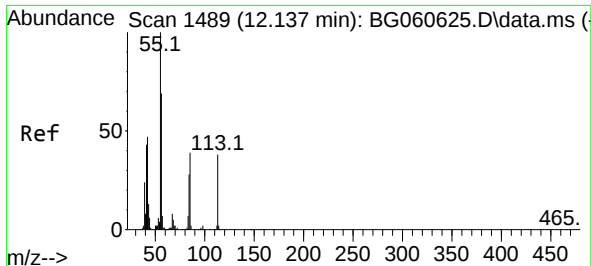
Tgt Ion:	127	Resp:	152567
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	34.3	30.2	45.4
92	25.5	17.0	25.4



#34
Hexachlorobutadiene
Concen: 41.708 ng
RT: 11.450 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:	225	Resp:	223425
Ion	Ratio	Lower	Upper
225	100		
223	63.7	53.5	80.3
227	62.5	52.0	78.0

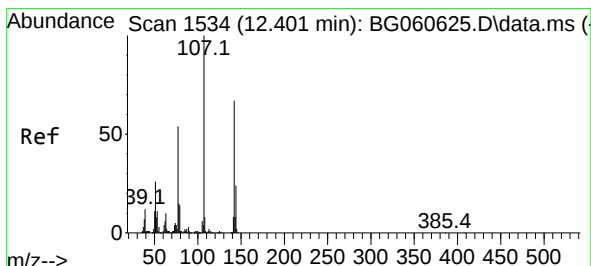
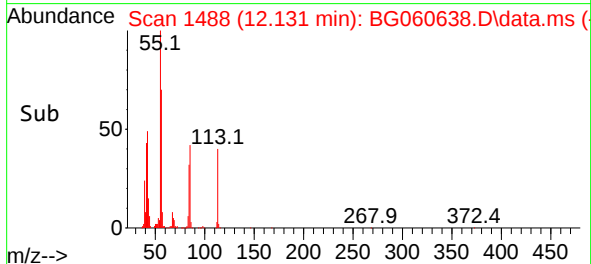
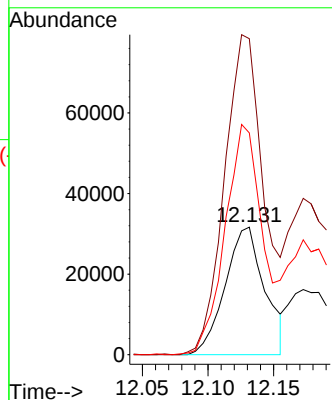
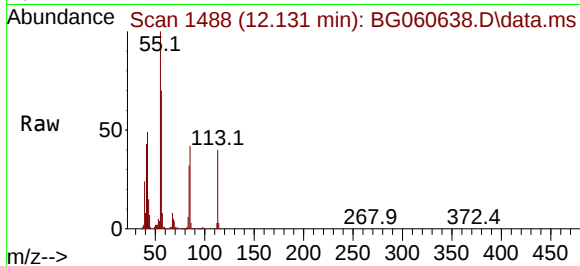




#35
Caprolactam
Concen: 26.599 ng
RT: 12.131 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

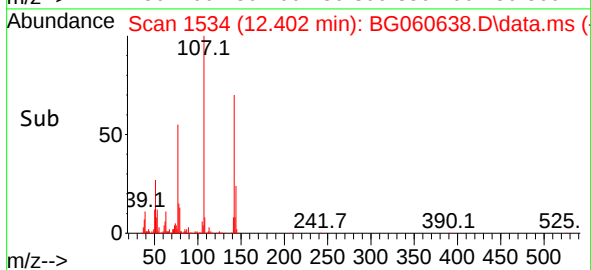
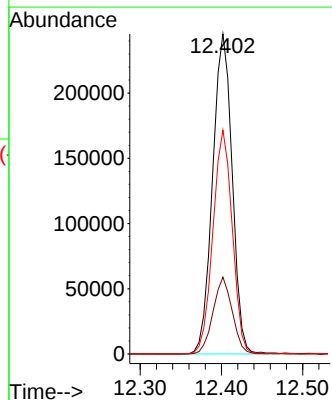
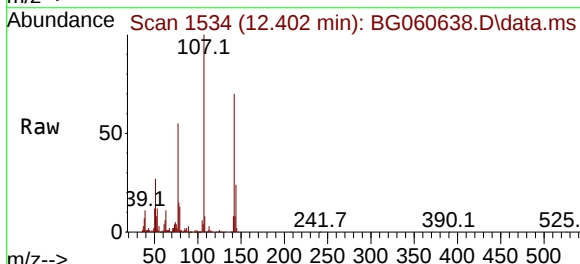
Instrument :
BNA_G
ClientSampleId :
IDOC-02

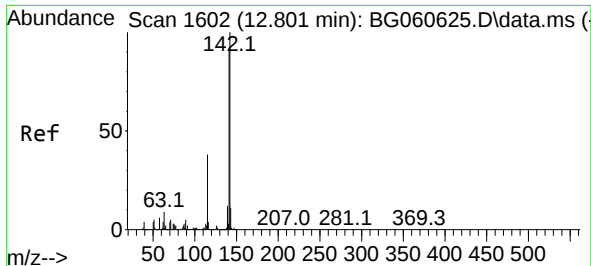
Tgt Ion:113 Resp: 66230
Ion Ratio Lower Upper
113 100
55 247.9 242.3 282.3
56 173.9 162.1 202.1



#36
4-Chloro-3-methylphenol
Concen: 45.381 ng
RT: 12.402 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:107 Resp: 411359
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.6
142 70.0 53.7 80.5

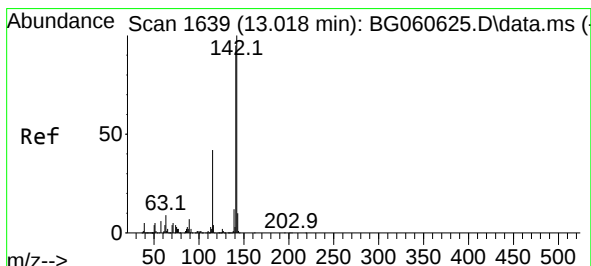
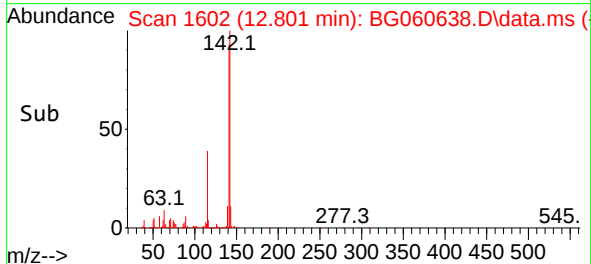
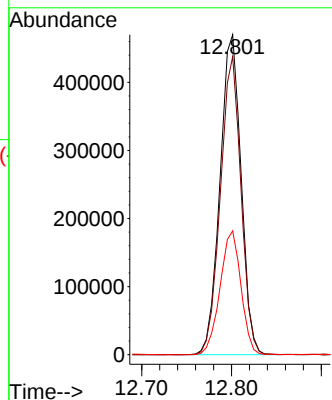
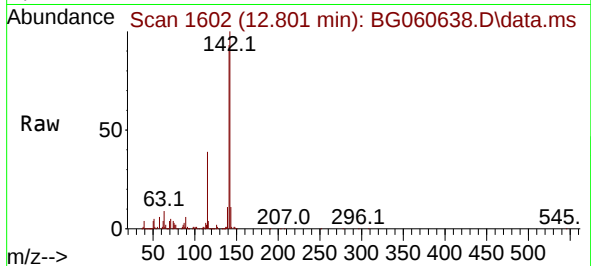




#37
2-Methylnaphthalene
Concen: 40.941 ng
RT: 12.801 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

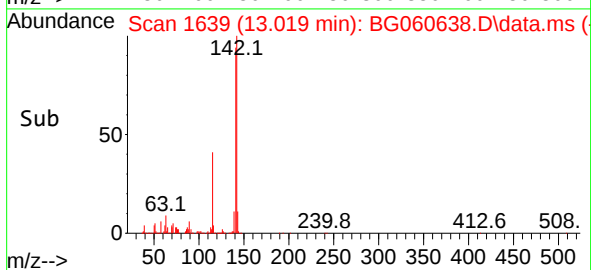
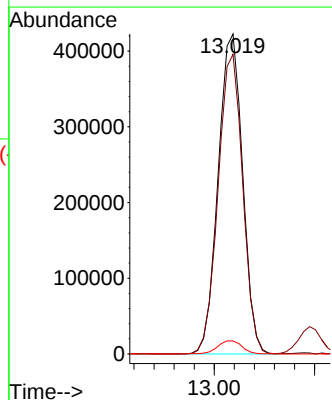
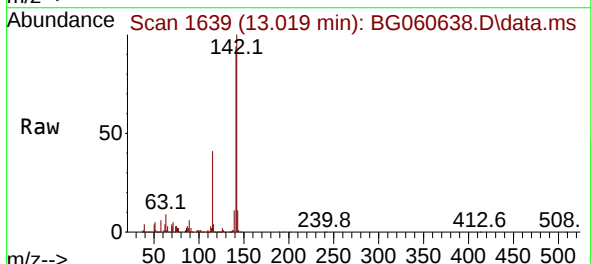
Instrument :
BNA_G
ClientSampleId :
IDOC-02

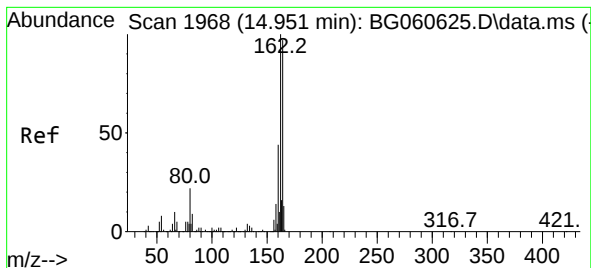
Tgt Ion:142 Resp: 764727
Ion Ratio Lower Upper
142 100
141 93.2 72.7 109.1
115 38.7 30.2 45.2



#38
1-Methylnaphthalene
Concen: 40.760 ng
RT: 13.019 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:142 Resp: 714602
Ion Ratio Lower Upper
142 100
141 93.6 76.3 114.5
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.952 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

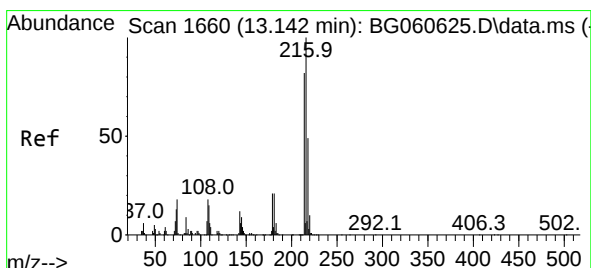
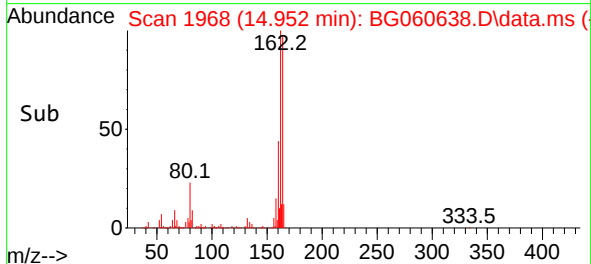
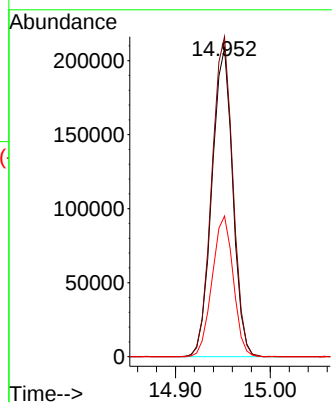
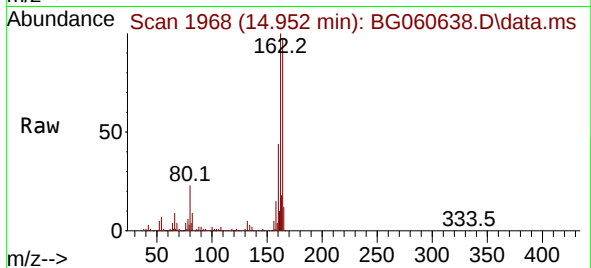
Tgt Ion:164 Resp: 317844

Ion Ratio Lower Upper

164 100

162 103.6 82.5 123.7

160 45.5 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.704 ng

RT: 13.142 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Tgt Ion:216 Resp: 426595

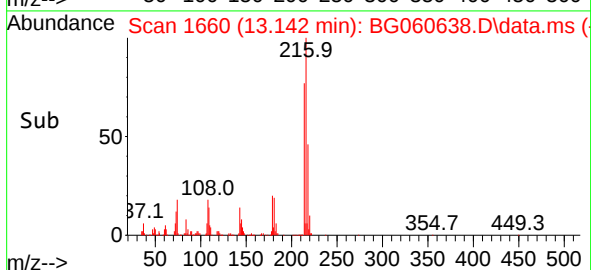
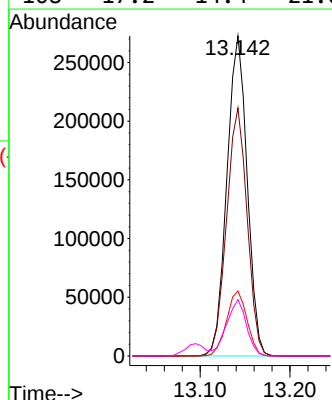
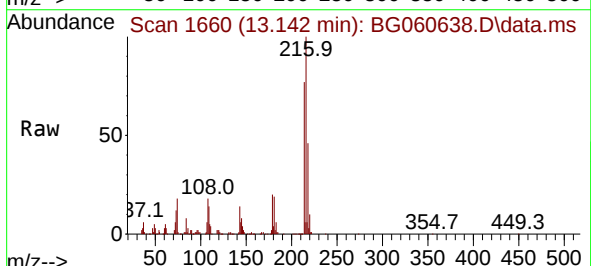
Ion Ratio Lower Upper

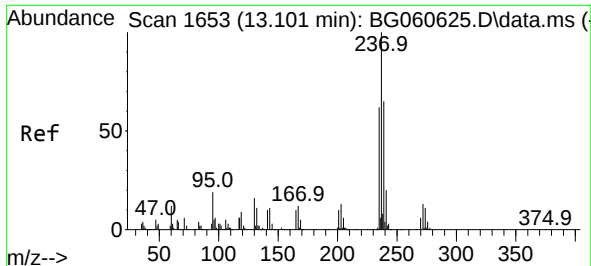
216 100

214 78.8 63.5 95.3

179 20.5 16.4 24.6

108 17.2 14.4 21.6

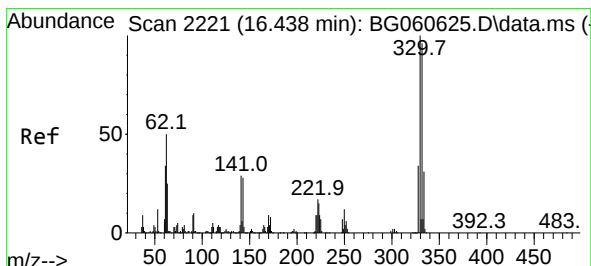
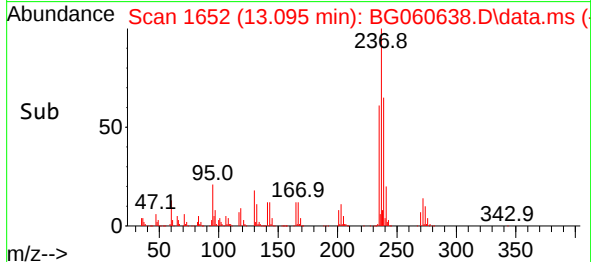
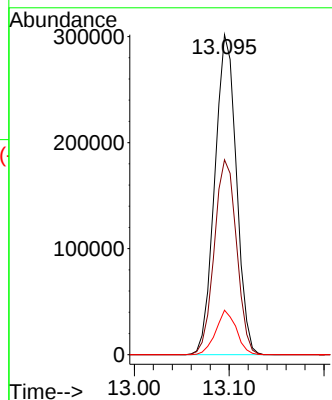
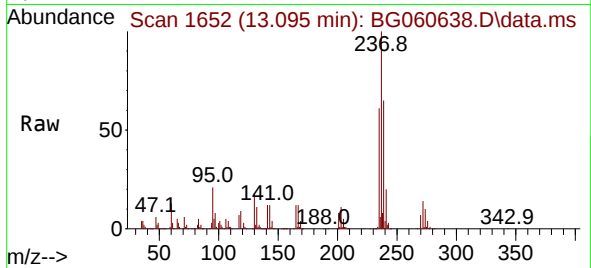




#41
Hexachlorocyclopentadiene
Concen: 99.445 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

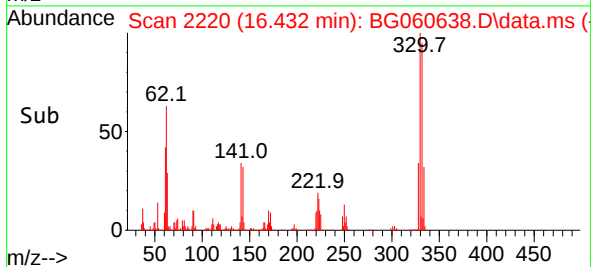
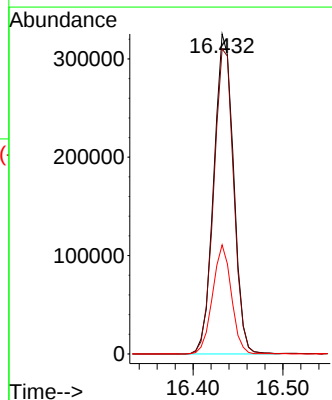
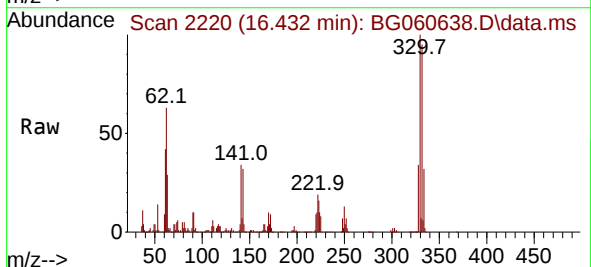
Instrument :
BNA_G
ClientSampleId :
IDOC-02

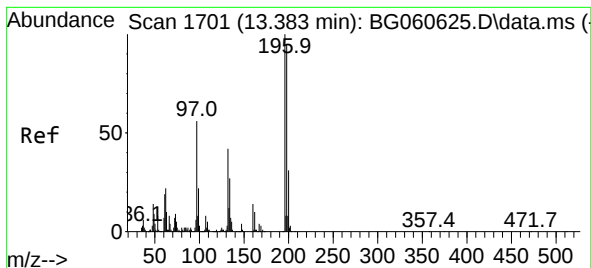
Tgt Ion:237 Resp: 477342
Ion Ratio Lower Upper
237 100
235 60.9 41.6 81.6
272 13.9 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 134.934 ng
RT: 16.432 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:330 Resp: 496982
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 32.5 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 45.776 ng

RT: 13.383 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

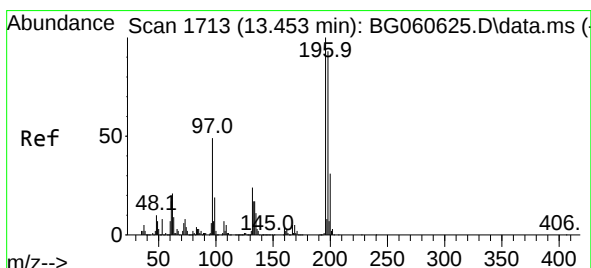
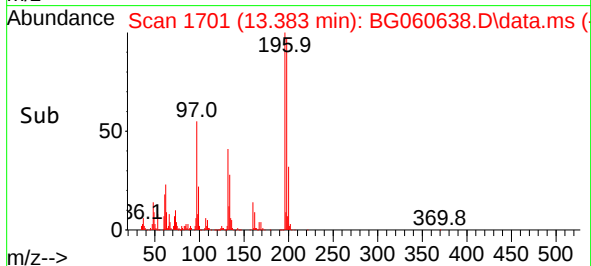
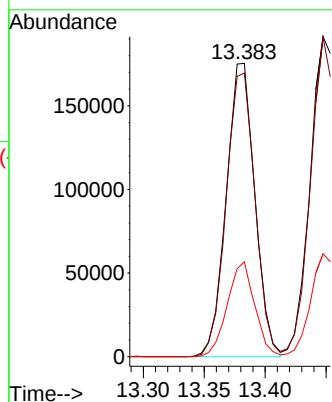
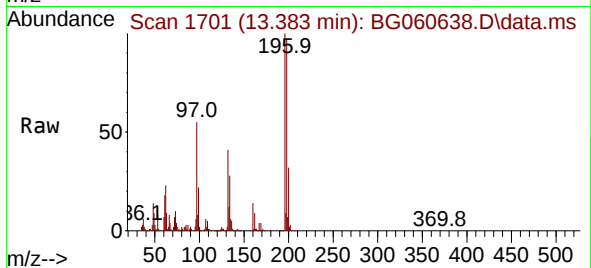
Tgt Ion:196 Resp: 286906

Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.2

200 32.3 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.349 ng

RT: 13.448 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Tgt Ion:196 Resp: 313994

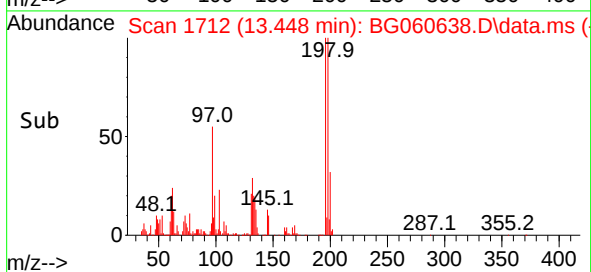
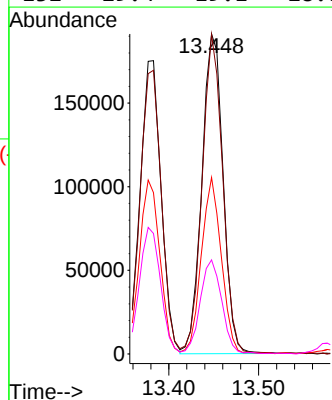
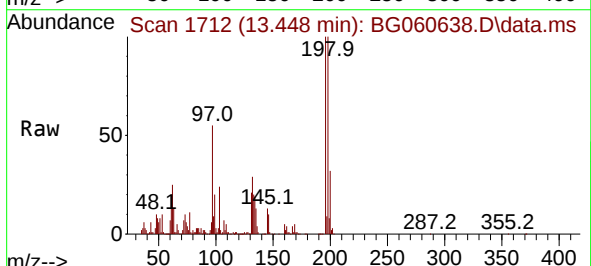
Ion Ratio Lower Upper

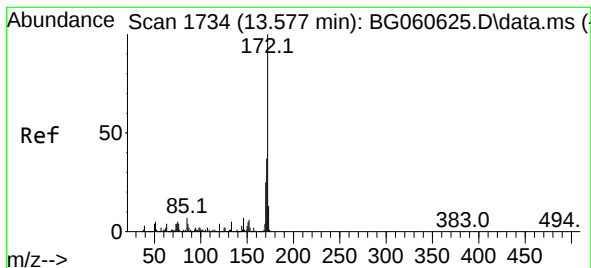
196 100

198 99.9 74.6 112.0

97 55.2 39.3 58.9

132 29.4 19.1 28.7#





#45

2-Fluorobiphenyl

Concen: 81.357 ng

RT: 13.577 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

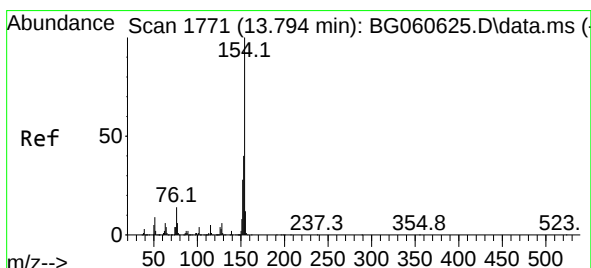
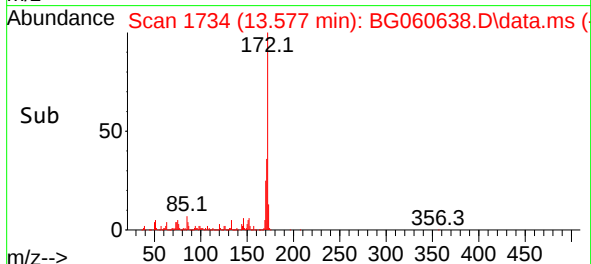
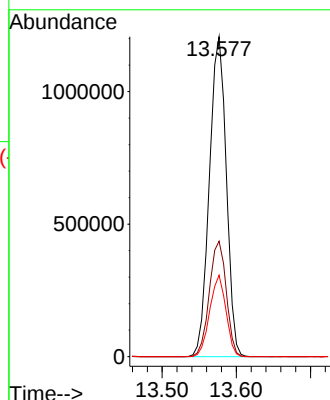
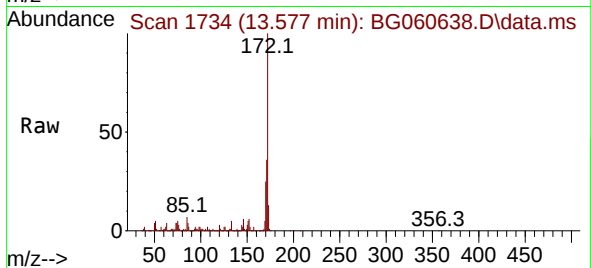
Tgt Ion:172 Resp: 1912572

Ion Ratio Lower Upper

172 100

171 36.1 29.9 44.9

170 25.5 19.8 29.6



#46

1,1'-Biphenyl

Concen: 42.759 ng

RT: 13.788 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

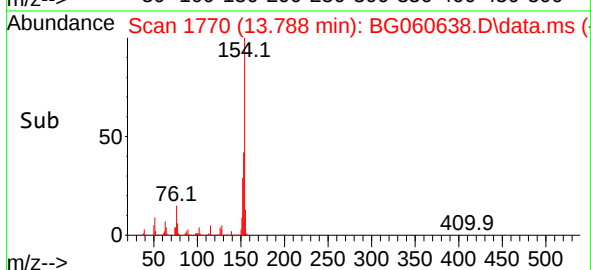
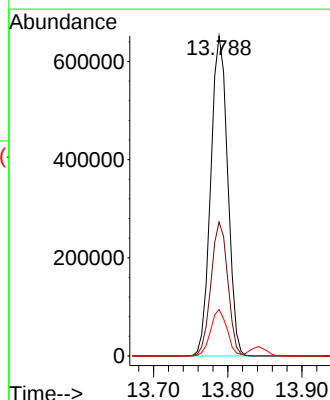
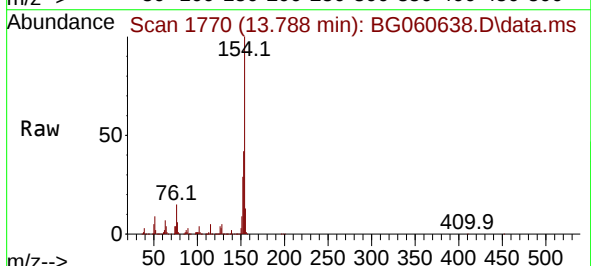
Tgt Ion:154 Resp: 1033059

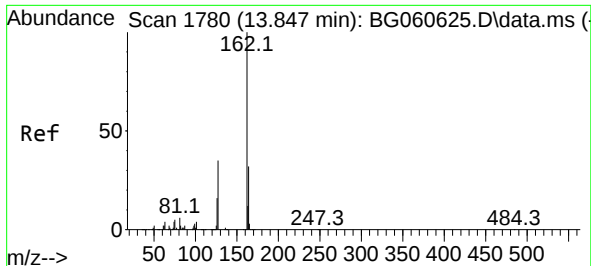
Ion Ratio Lower Upper

154 100

153 41.9 20.4 60.4

76 14.5 0.0 34.3





#47

2-Chloronaphthalene

Concen: 44.012 ng

RT: 13.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

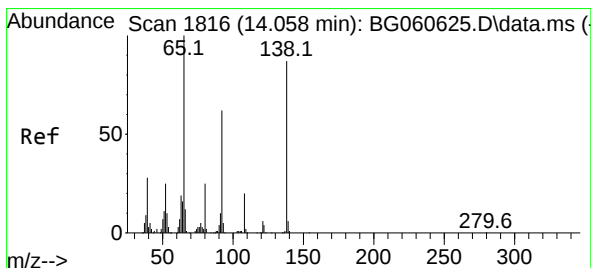
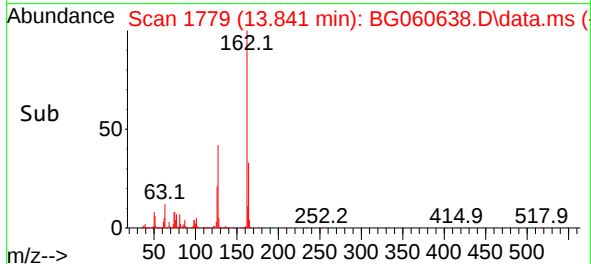
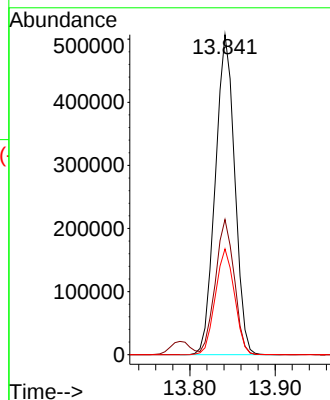
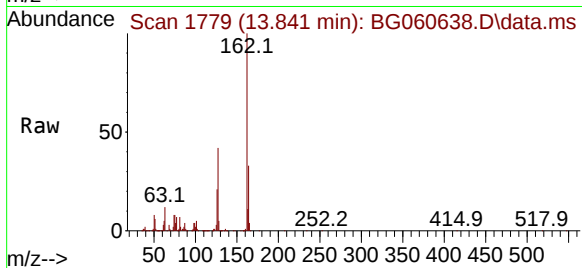
Tgt Ion:162 Resp: 802497

Ion Ratio Lower Upper

162 100

127 42.3 30.8 46.2

164 33.1 25.8 38.6



#48

2-Nitroaniline

Concen: 46.178 ng

RT: 14.053 min Scan# 1815

Delta R.T. -0.005 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

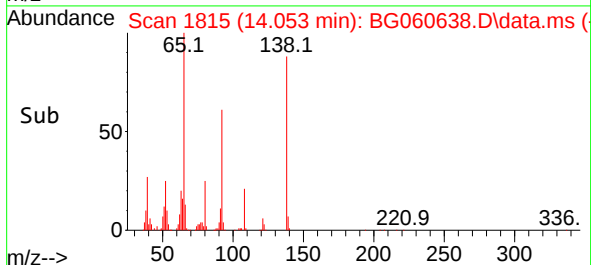
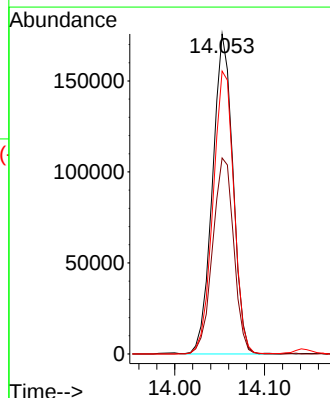
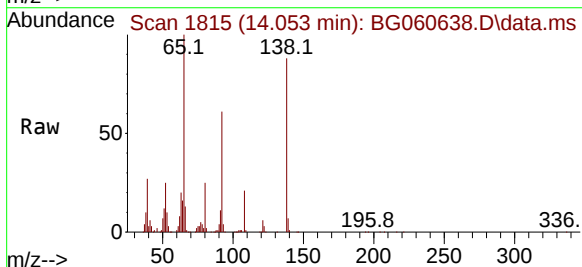
Tgt Ion: 65 Resp: 277891

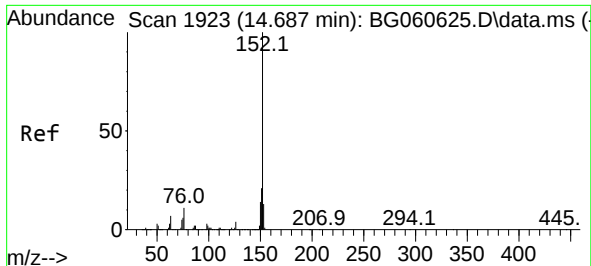
Ion Ratio Lower Upper

65 100

92 61.3 49.8 74.6

138 88.4 69.8 104.8

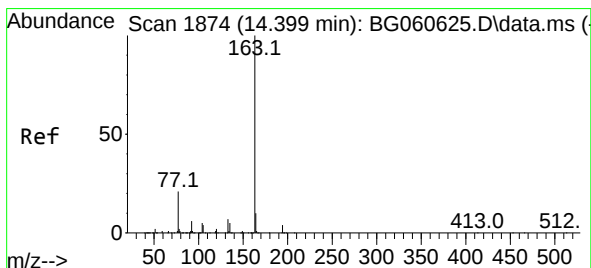
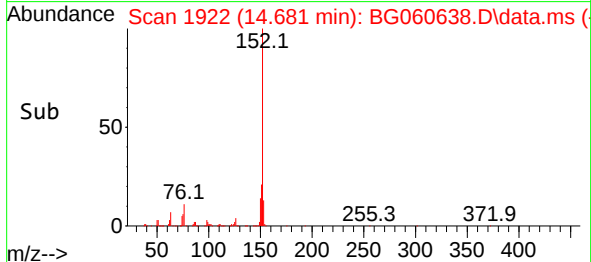
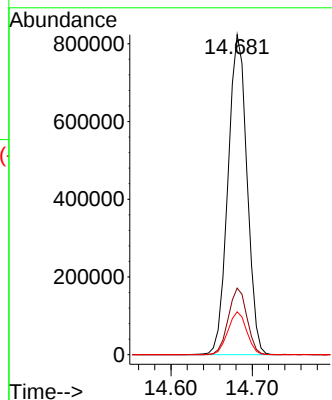
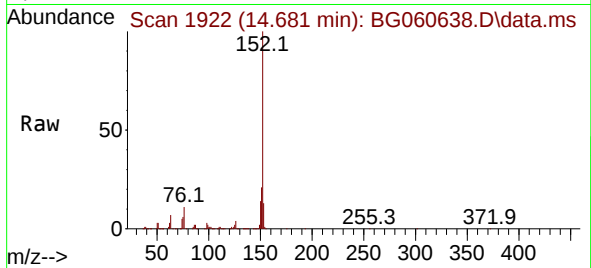




#49
Acenaphthylene
Concen: 45.052 ng
RT: 14.681 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

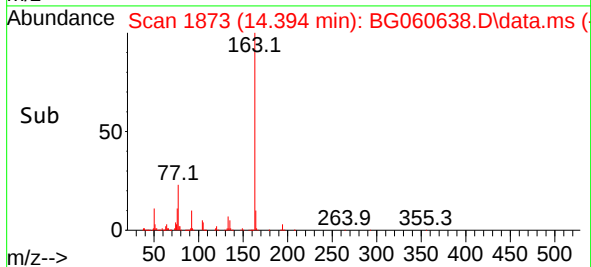
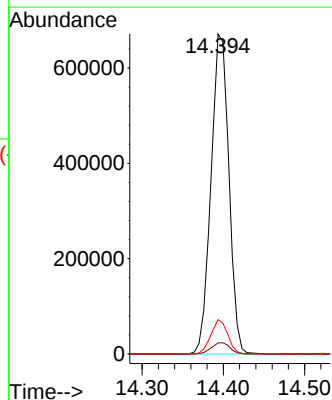
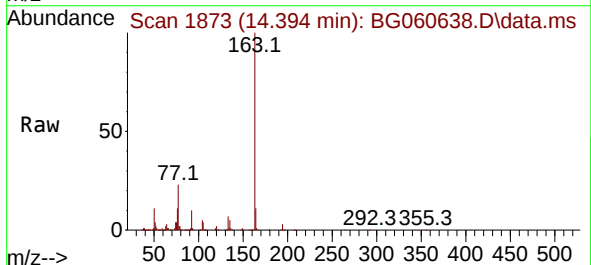
Instrument :
BNA_G
ClientSampleId :
IDOC-02

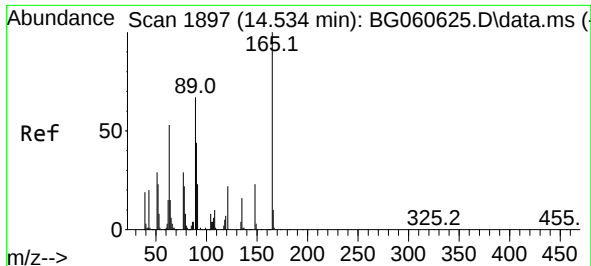
Tgt Ion:152 Resp: 1338182
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7
153 13.4 10.3 15.5



#50
Dimethylphthalate
Concen: 43.017 ng
RT: 14.394 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:163 Resp: 1025422
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.8 7.6 11.4

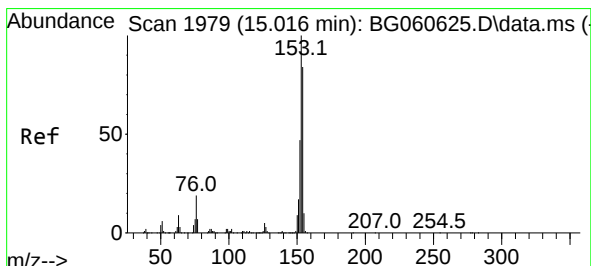
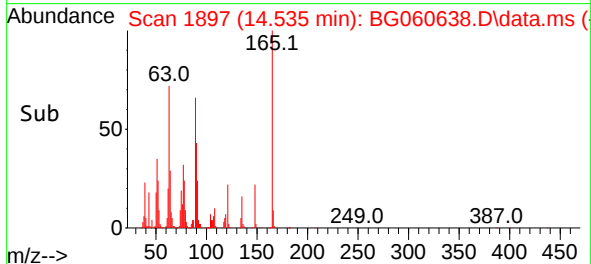
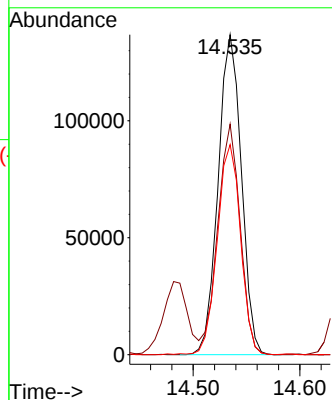
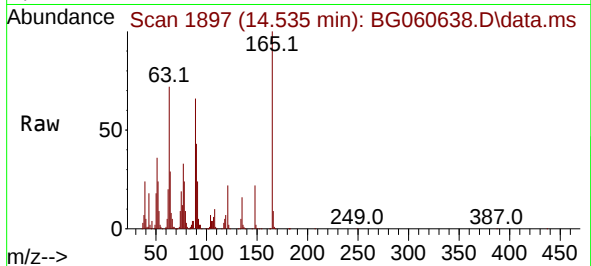




#51
2,6-Dinitrotoluene
Concen: 47.078 ng
RT: 14.535 min Scan# 1897
Delta R.T. 0.001 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

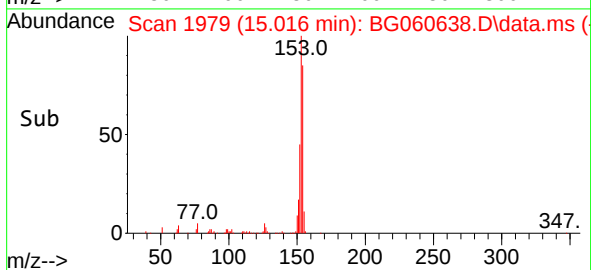
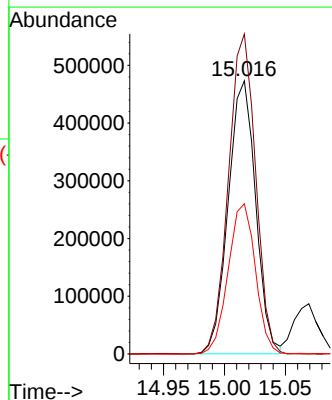
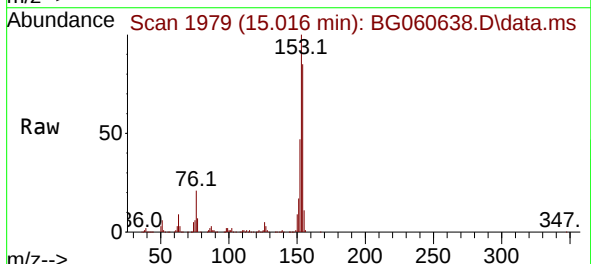
Instrument :
BNA_G
ClientSampleId :
IDOC-02

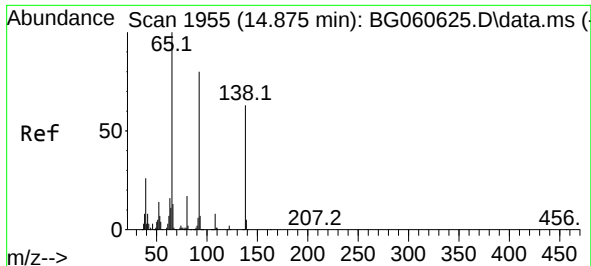
Tgt Ion:165 Resp: 206786
Ion Ratio Lower Upper
165 100
63 72.1 55.8 83.6
89 65.7 54.1 81.1



#52
Acenaphthene
Concen: 41.857 ng
RT: 15.016 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:154 Resp: 742945
Ion Ratio Lower Upper
154 100
153 117.1 94.8 142.2
152 55.0 44.8 67.2

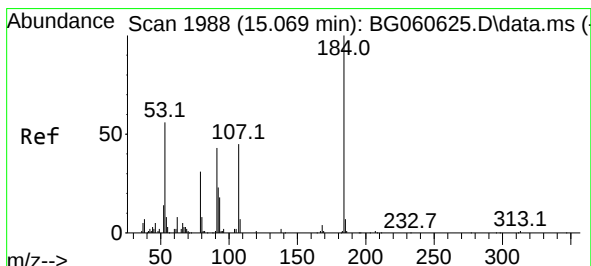
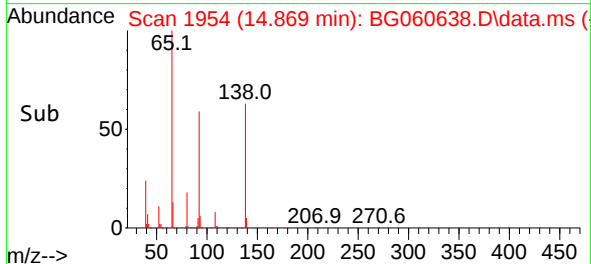
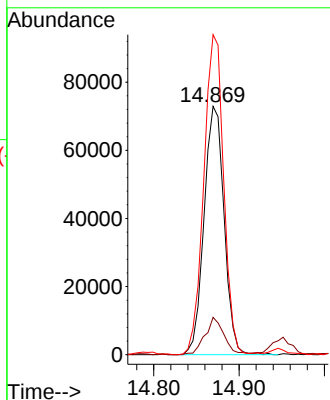
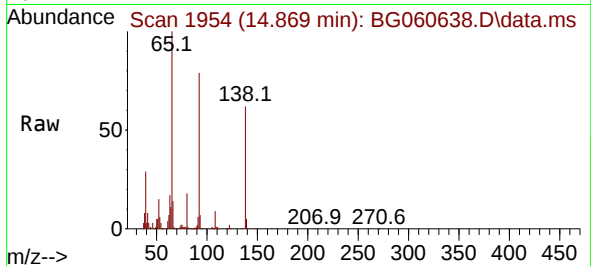




#53
3-Nitroaniline
Concen: 23.613 ng
RT: 14.869 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

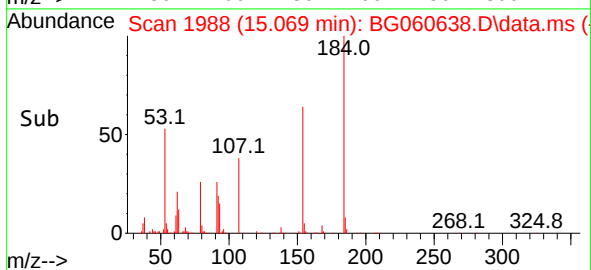
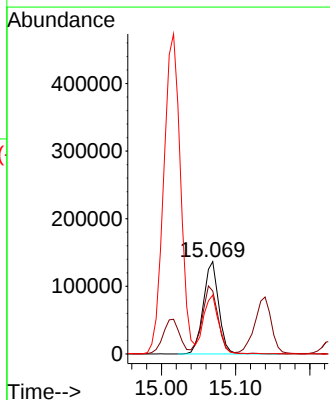
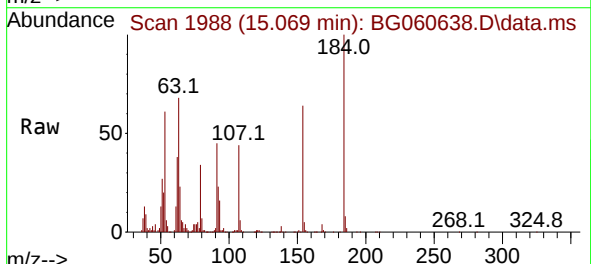
Instrument :
BNA_G
ClientSampleId :
IDOC-02

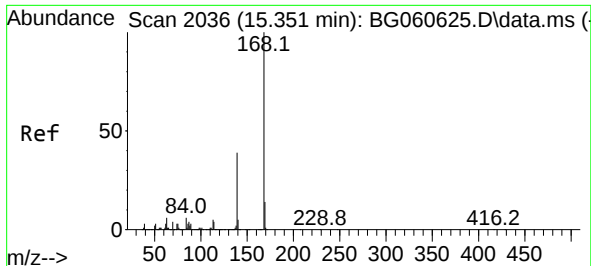
Tgt Ion:138 Resp: 119420
Ion Ratio Lower Upper
138 100
108 15.0 9.8 14.8#
92 128.9 101.0 151.6



#54
2,4-Dinitrophenol
Concen: 87.043 ng
RT: 15.069 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:184 Resp: 197211
Ion Ratio Lower Upper
184 100
63 68.1 54.4 81.6
154 63.8 50.4 75.6

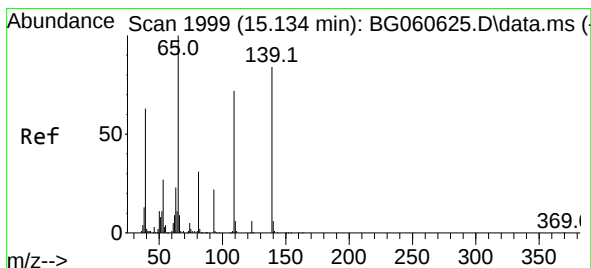
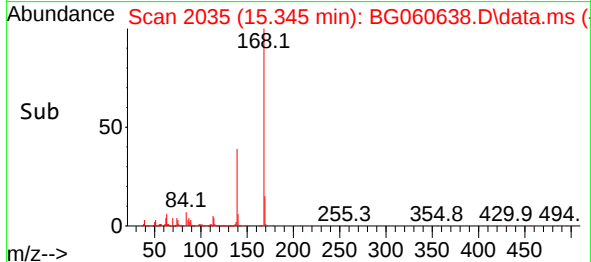
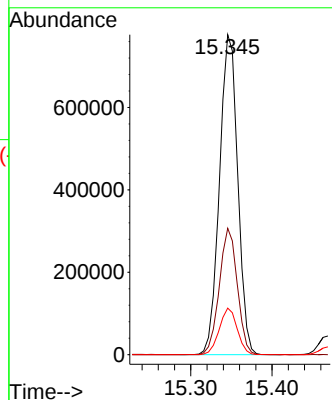
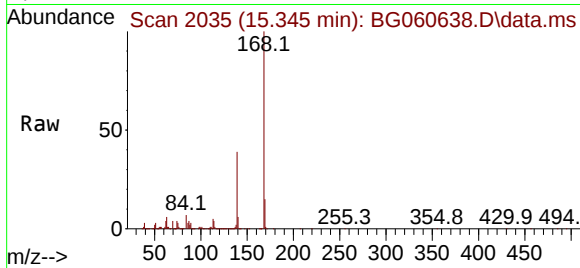




#55
Dibenzenofuran
Concen: 42.185 ng
RT: 15.345 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

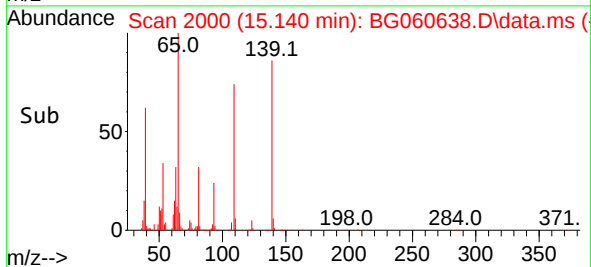
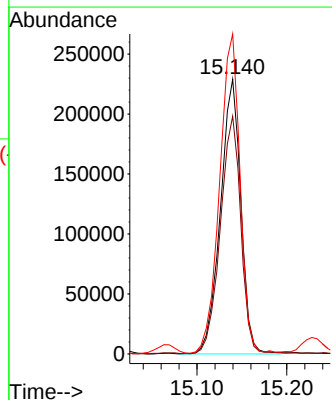
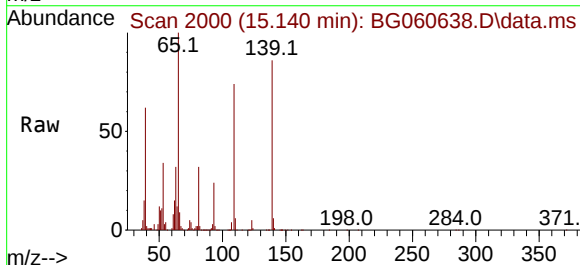
Instrument :
BNA_G
ClientSampleId :
IDOC-02

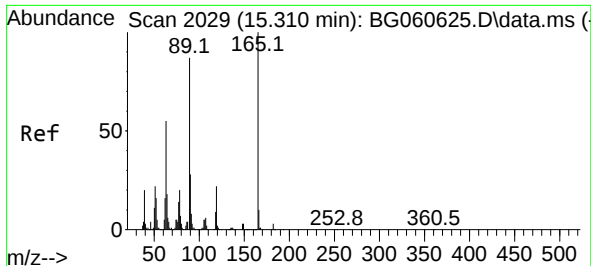
Tgt Ion:168 Resp: 1212376
Ion Ratio Lower Upper
168 100
139 39.5 30.9 46.3
169 14.6 10.9 16.3



#56
4-Nitrophenol
Concen: 95.798 ng
RT: 15.140 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:139 Resp: 361527
Ion Ratio Lower Upper
139 100
109 86.6 66.1 106.1
65 116.5 99.7 139.7

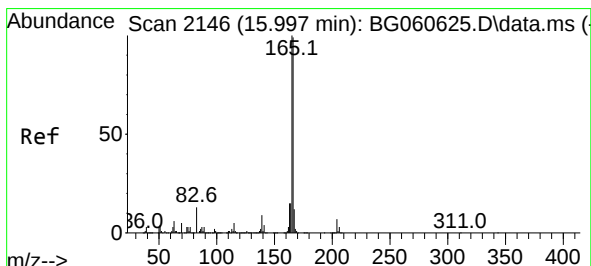
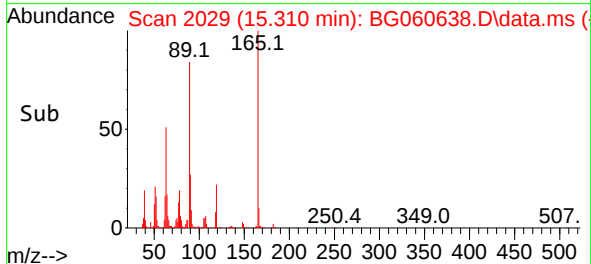
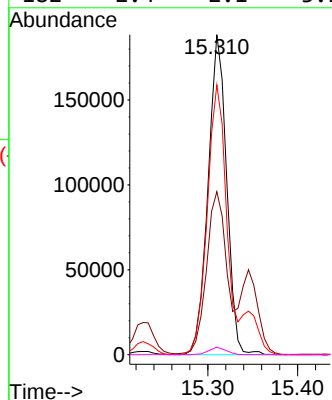
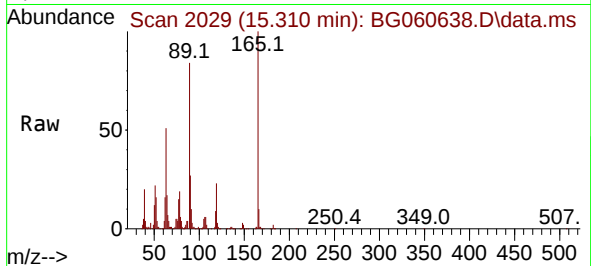




#57
2,4-Dinitrotoluene
Concen: 48.942 ng
RT: 15.310 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

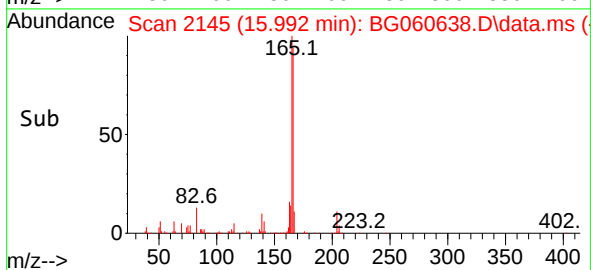
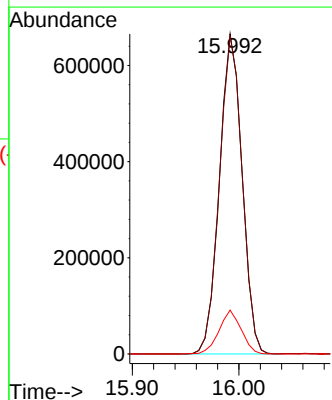
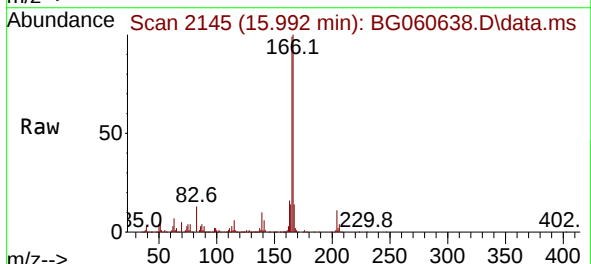
Instrument :
BNA_G
ClientSampleId :
IDOC-02

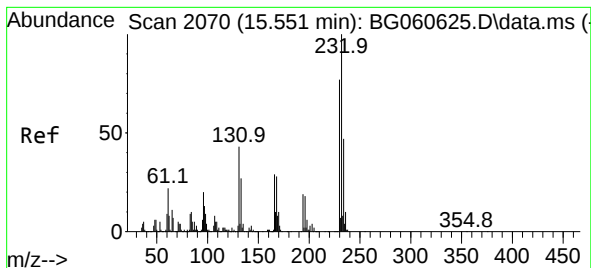
Tgt Ion:165 Resp: 270435
Ion Ratio Lower Upper
165 100
63 51.0 44.1 66.1
89 84.3 69.7 104.5
182 2.4 2.1 3.1



#58
Fluorene
Concen: 42.651 ng
RT: 15.992 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:166 Resp: 980696
Ion Ratio Lower Upper
166 100
165 99.3 80.5 120.7
167 13.7 9.9 14.9

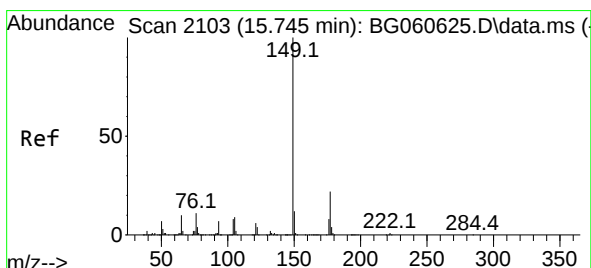
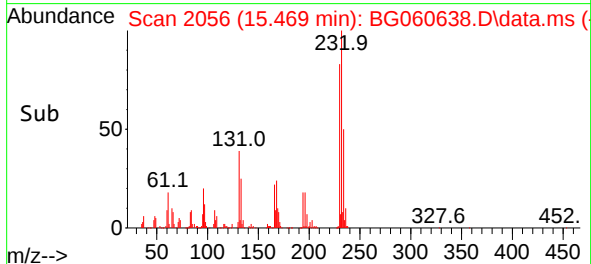
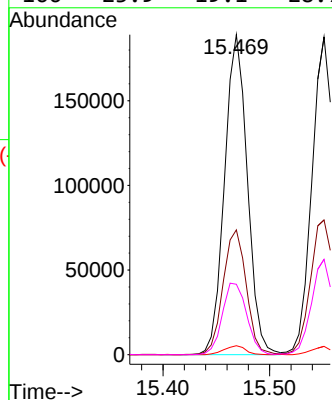
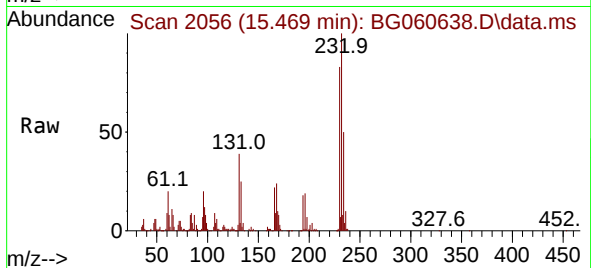




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.486 ng
RT: 15.469 min Scan# 2070
Delta R.T. -0.082 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

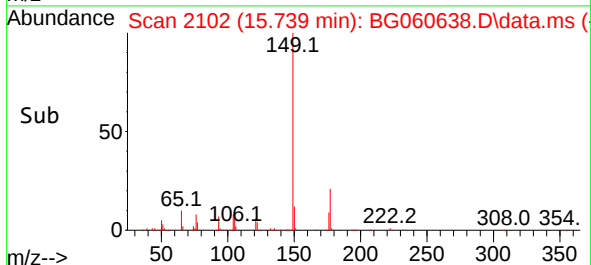
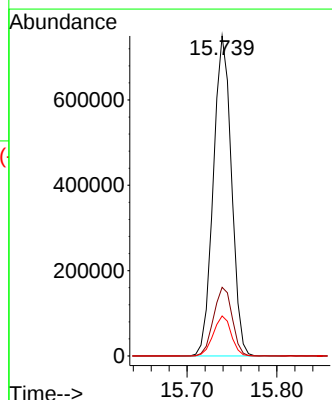
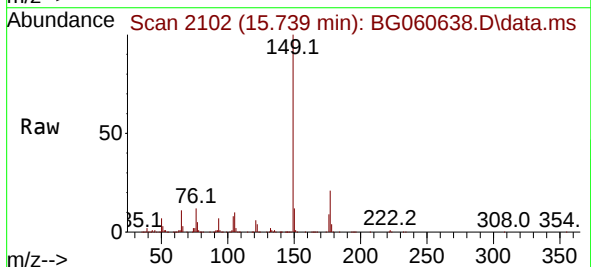
Instrument :
BNA_G
ClientSampleId :
IDOC-02

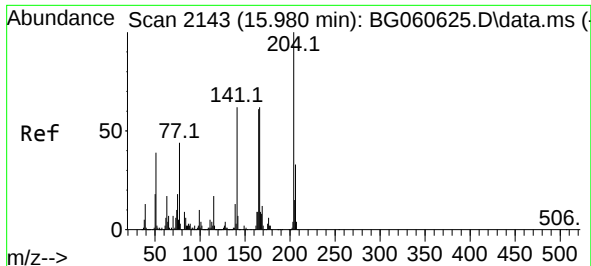
Tgt Ion:232 Resp: 281245
Ion Ratio Lower Upper
232 100
131 39.7 31.2 46.8
130 2.6 2.1 3.1
166 23.9 19.1 28.7



#60
Diethylphthalate
Concen: 42.878 ng
RT: 15.739 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:149 Resp: 1051686
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.5 9.8 14.6

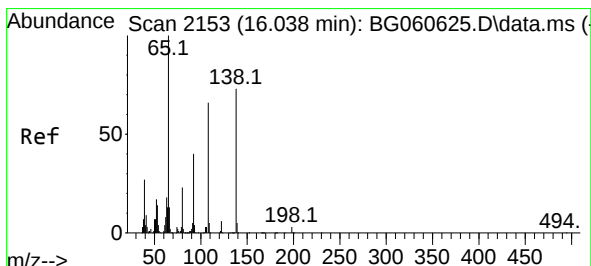
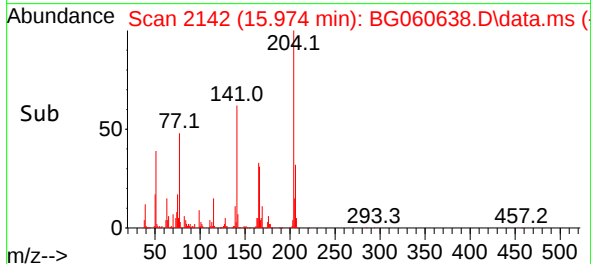
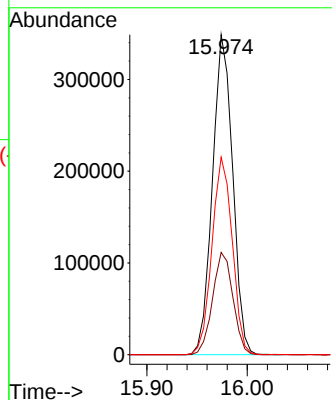
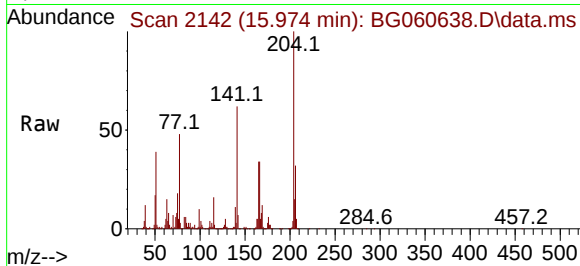




#61
4-Chlorophenyl-phenylether
Concen: 41.863 ng
RT: 15.974 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

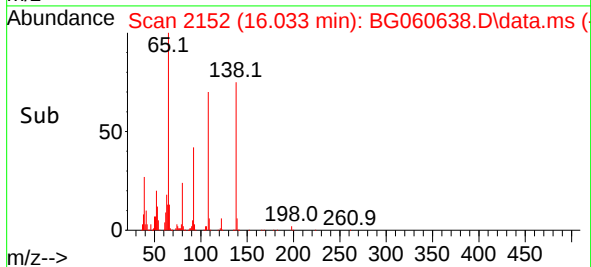
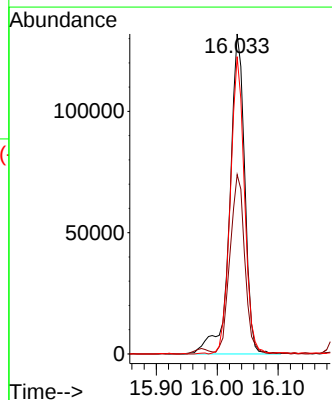
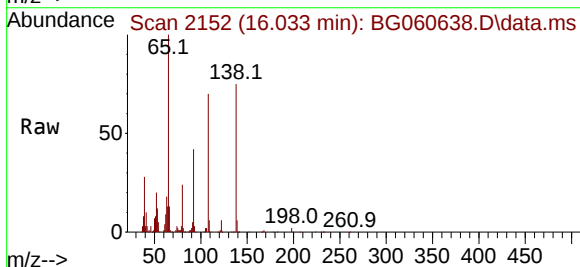
Instrument :
BNA_G
ClientSampleId :
IDOC-02

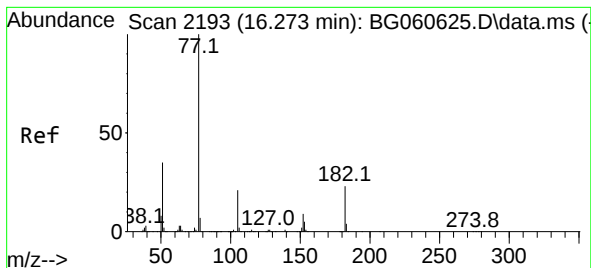
Tgt Ion:204 Resp: 487579
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 61.7 49.4 74.2



#62
4-Nitroaniline
Concen: 43.580 ng
RT: 16.033 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:138 Resp: 225695
Ion Ratio Lower Upper
138 100
92 56.1 35.4 75.4
108 92.9 70.8 110.8





#63

Azobenzene

Concen: 42.742 ng

RT: 16.268 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

Tgt Ion: 77 Resp: 1084914

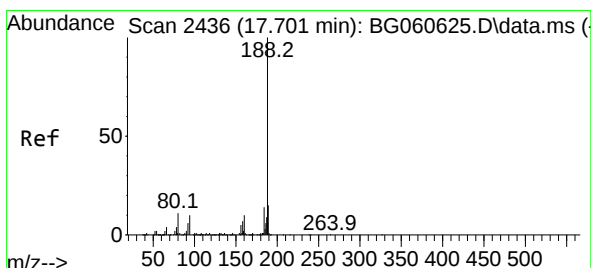
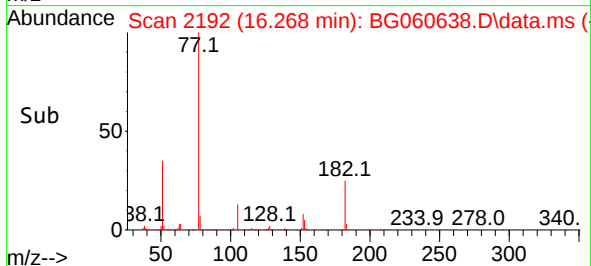
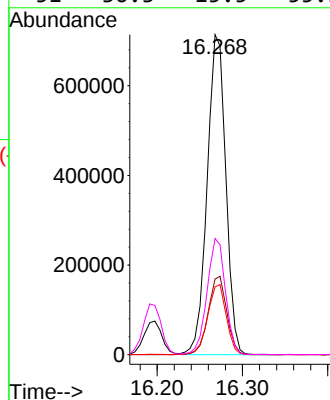
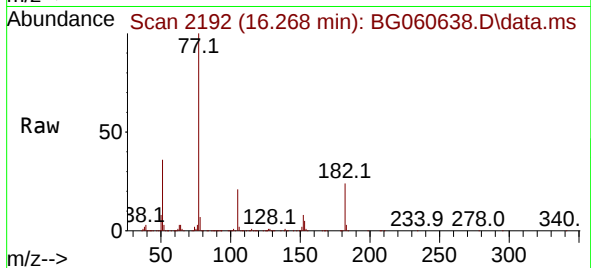
Ion Ratio Lower Upper

77 100

182 23.7 3.4 43.4

105 21.2 0.5 40.5

51 36.3 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.696 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

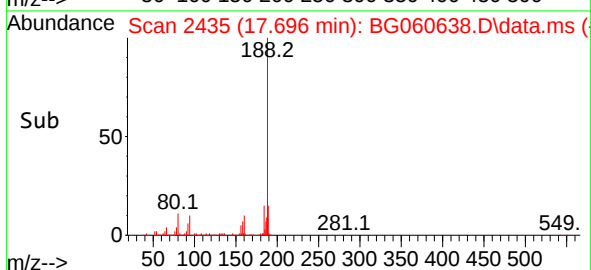
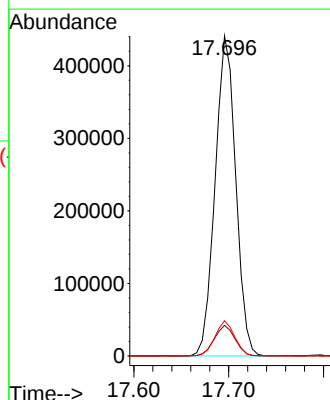
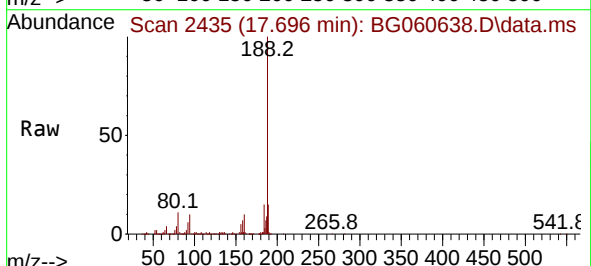
Tgt Ion:188 Resp: 666551

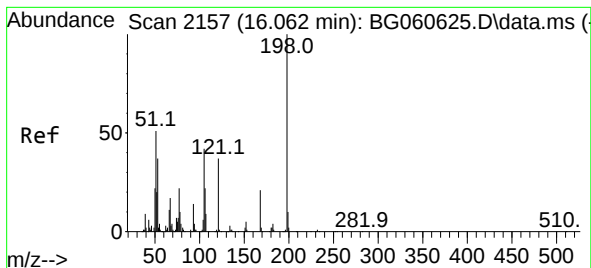
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 11.0 8.6 13.0

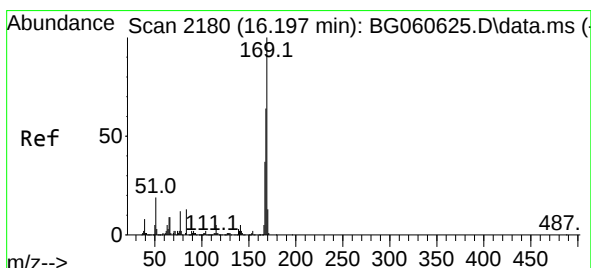
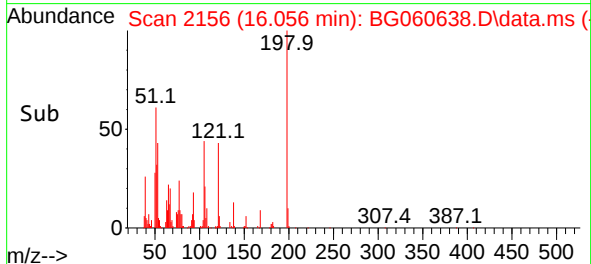
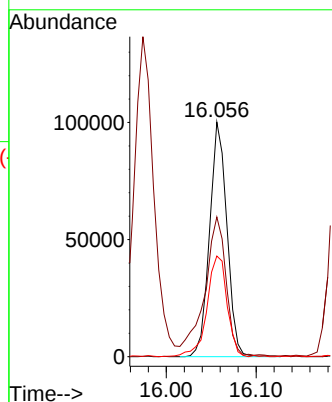
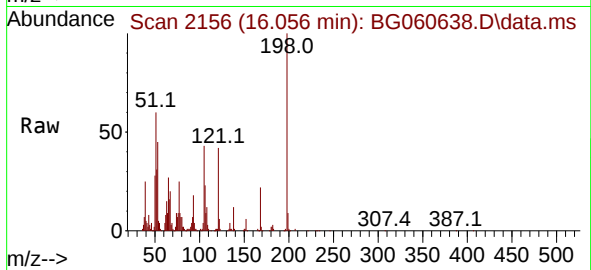




#65
4,6-Dinitro-2-methylphenol
Concen: 44.895 ng
RT: 16.056 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

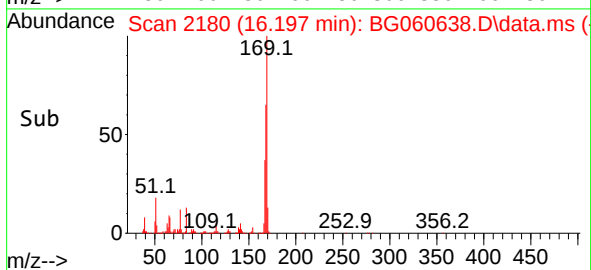
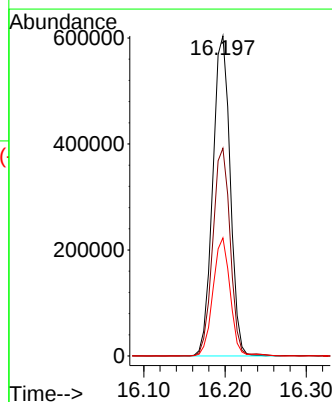
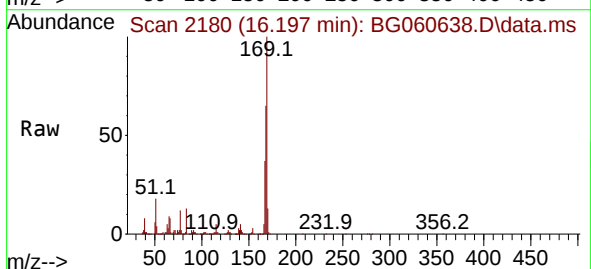
Instrument :
BNA_G
ClientSampleId :
IDOC-02

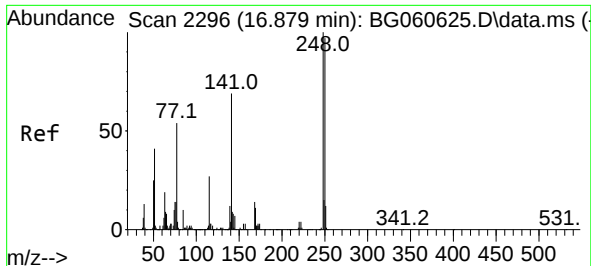
Tgt Ion:198 Resp: 134182
Ion Ratio Lower Upper
198 100
51 59.6 36.9 76.9
105 42.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 43.026 ng
RT: 16.197 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:169 Resp: 897539
Ion Ratio Lower Upper
169 100
168 64.9 51.1 76.7
167 36.9 29.4 44.2

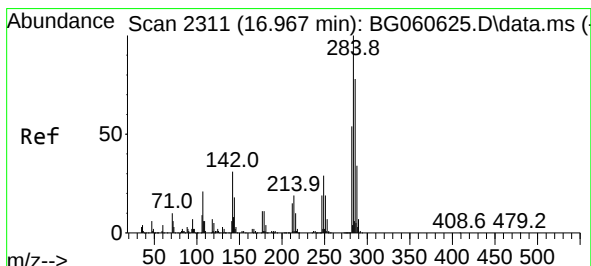
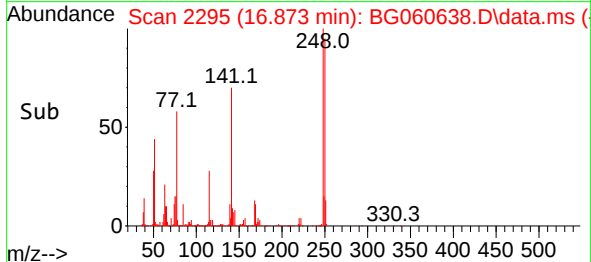
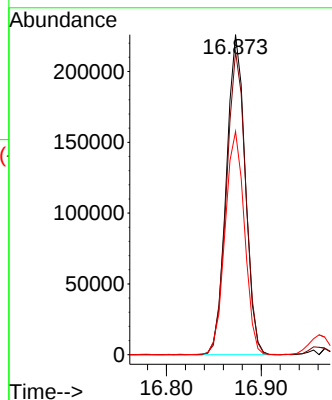
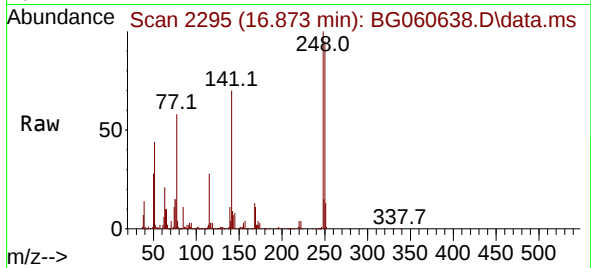




#67
4-Bromophenyl-phenylether
Concen: 43.414 ng
RT: 16.873 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

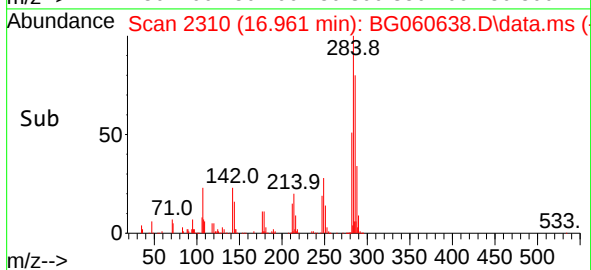
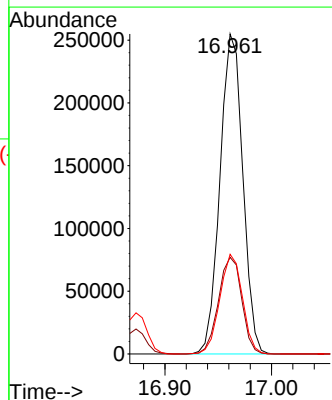
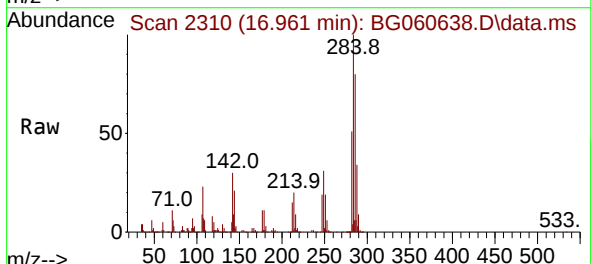
Instrument :
BNA_G
ClientSampleId :
IDOC-02

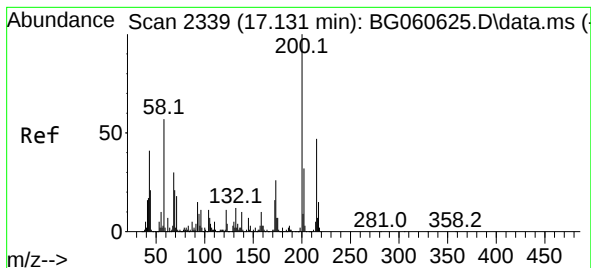
Tgt Ion:248 Resp: 312051
Ion Ratio Lower Upper
248 100
250 94.7 77.8 116.6
141 69.8 55.1 82.7



#68
Hexachlorobenzene
Concen: 45.815 ng
RT: 16.961 min Scan# 2310
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:284 Resp: 378621
Ion Ratio Lower Upper
284 100
142 30.2 24.6 37.0
249 31.2 23.4 35.0





#69

Atrazine

Concen: 45.343 ng

RT: 17.126 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

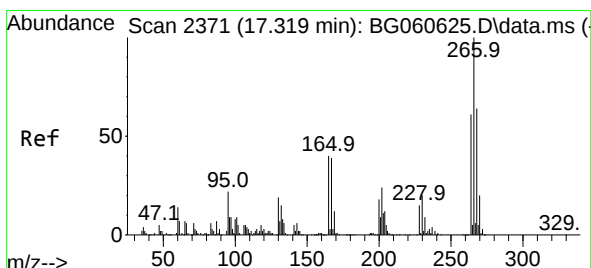
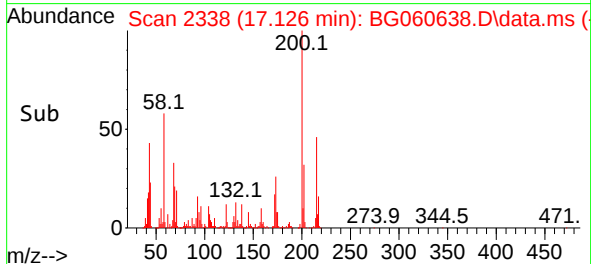
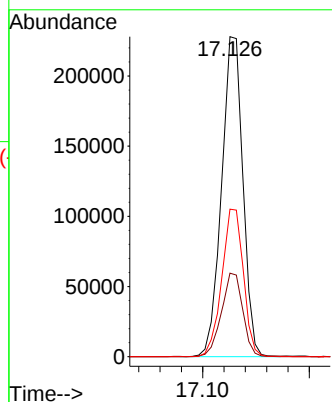
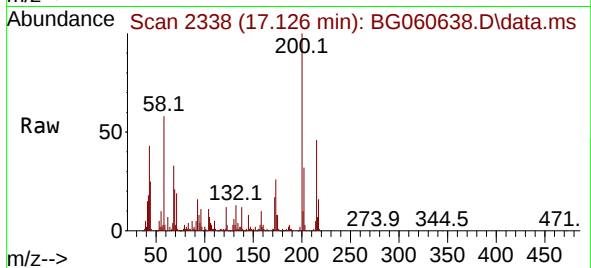
Tgt Ion:200 Resp: 316365

Ion Ratio Lower Upper

200 100

173 26.1 5.7 45.7

215 46.1 27.1 67.1



#70

Pentachlorophenol

Concen: 86.960 ng

RT: 17.314 min Scan# 2370

Delta R.T. -0.005 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

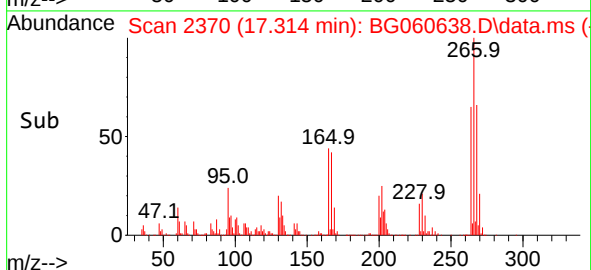
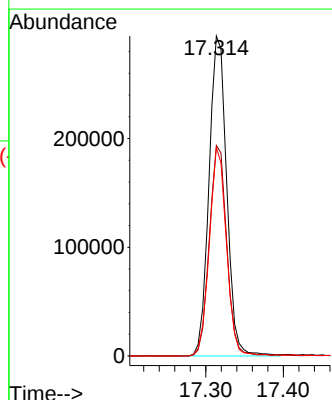
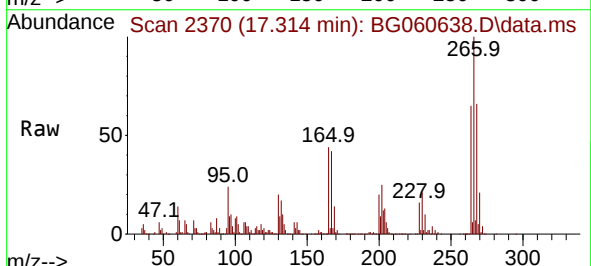
Tgt Ion:266 Resp: 465789

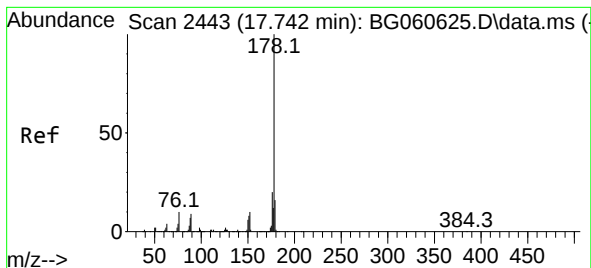
Ion Ratio Lower Upper

266 100

268 65.8 51.5 77.3

264 65.2 48.9 73.3





#71

Phenanthrene

Concen: 42.382 ng

RT: 17.743 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

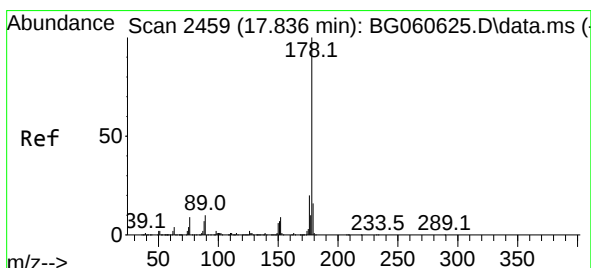
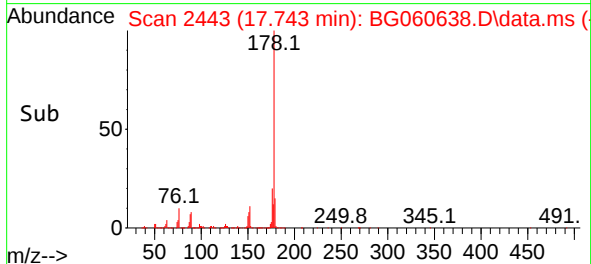
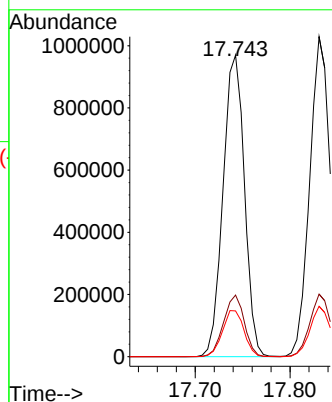
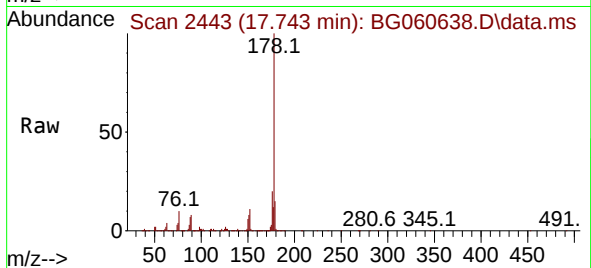
Tgt Ion:178 Resp: 1521764

Ion Ratio Lower Upper

178 100

176 20.4 16.1 24.1

179 15.2 12.9 19.3



#72

Anthracene

Concen: 42.778 ng

RT: 17.831 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

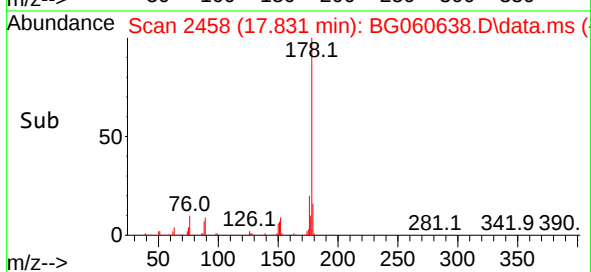
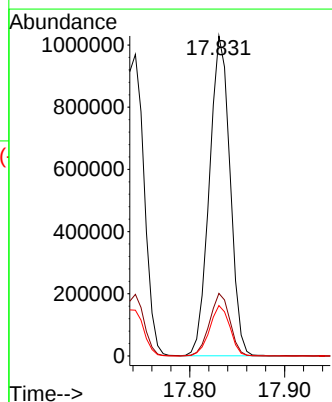
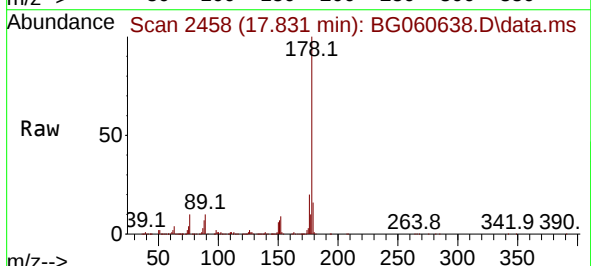
Tgt Ion:178 Resp: 1553024

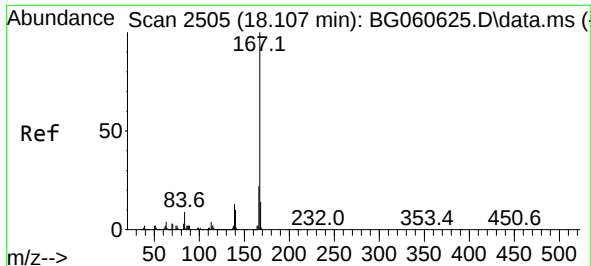
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.6 19.0

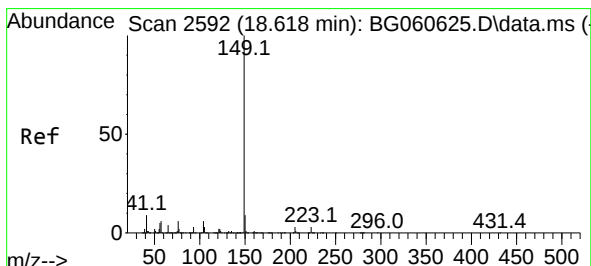
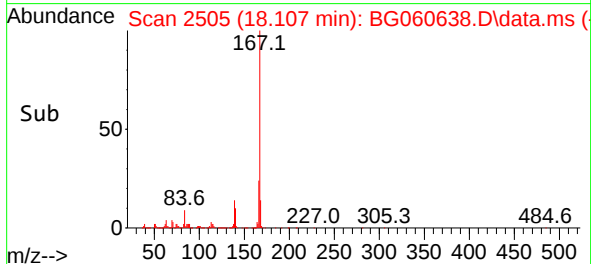
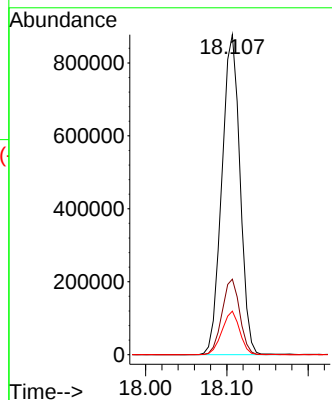
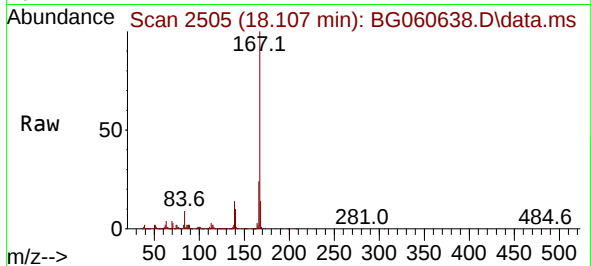




#73
 Carbazole
 Concen: 43.182 ng
 RT: 18.107 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BG060638.D
 Acq: 14 Mar 2024 14:31

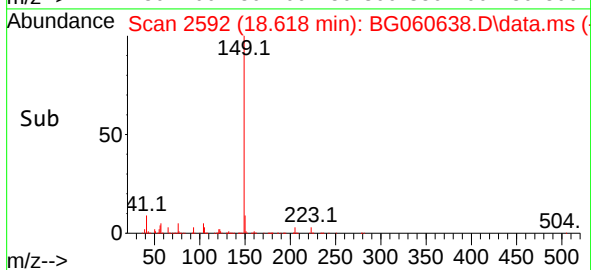
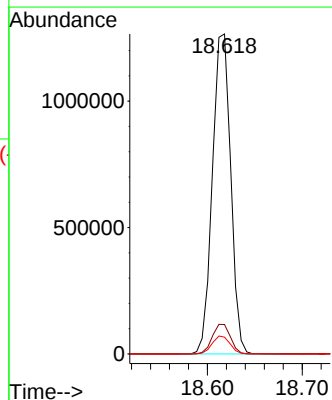
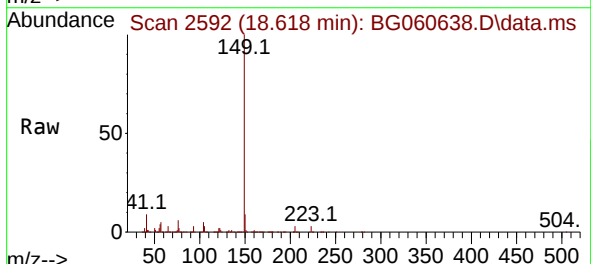
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-02

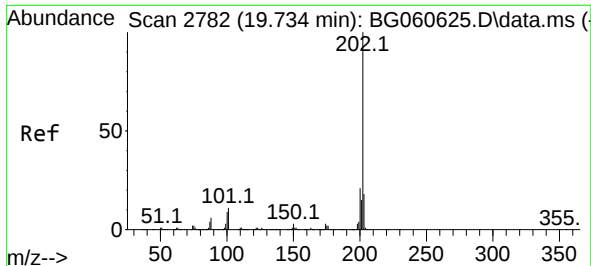
Tgt Ion:167 Resp: 1363108
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.0 27.0
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 44.060 ng
 RT: 18.618 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BG060638.D
 Acq: 14 Mar 2024 14:31

Tgt Ion:149 Resp: 1694908
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.8 7.2

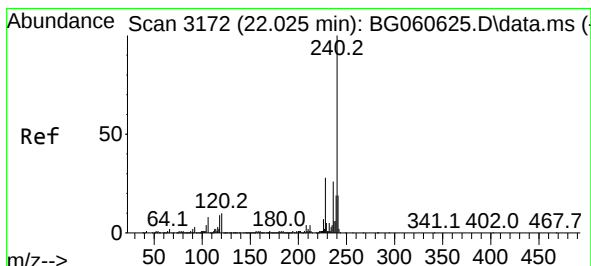
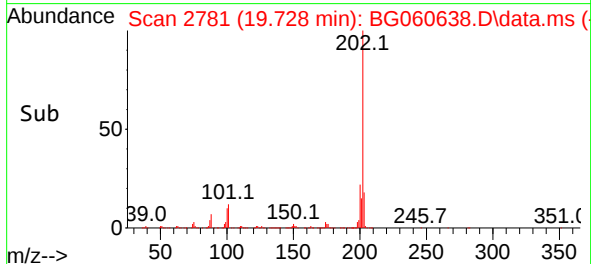
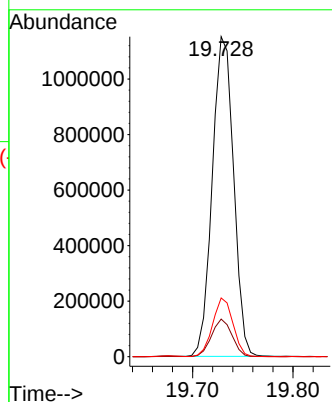
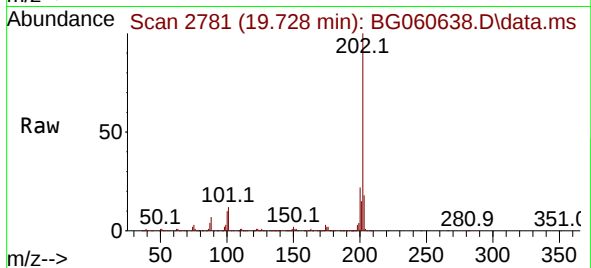




#75
Fluoranthene
Concen: 42.745 ng
RT: 19.728 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

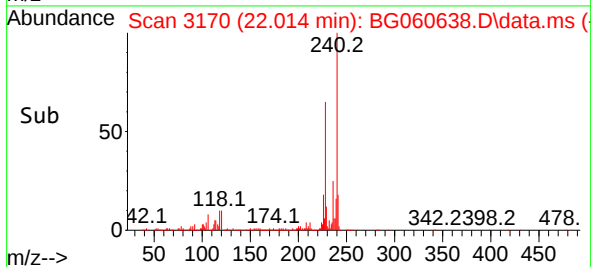
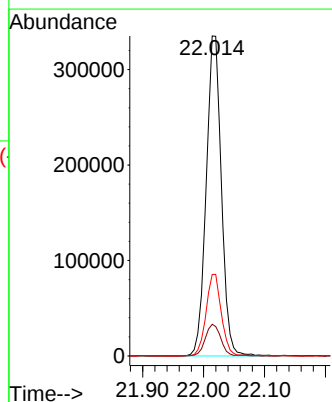
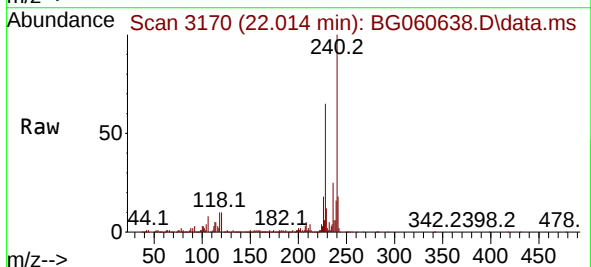
Instrument :
BNA_G
ClientSampleId :
IDOC-02

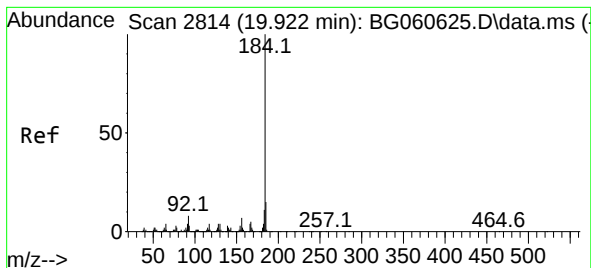
Tgt Ion:202 Resp: 1697698
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.2
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.014 min Scan# 3170
Delta R.T. -0.011 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:240 Resp: 580626
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.8
236 25.5 20.6 31.0





#77

Benzidine

Concen: 38.227 ng

RT: 19.916 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

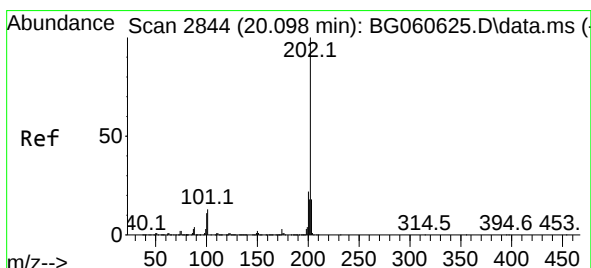
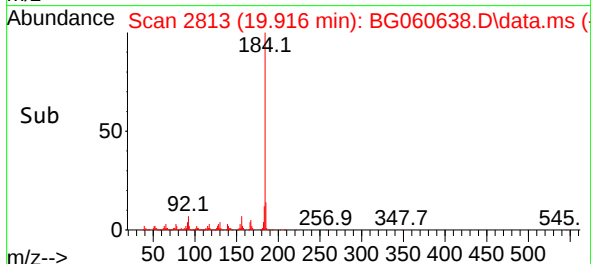
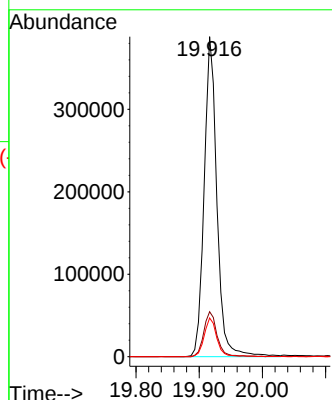
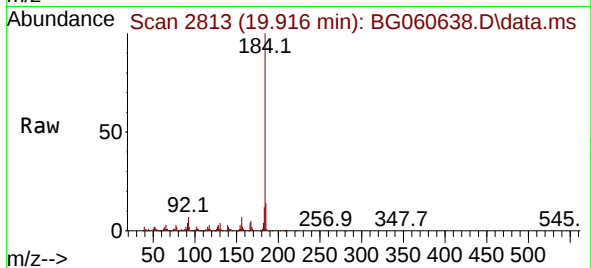
Tgt Ion:184 Resp: 542904

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

183 12.1 9.2 13.8



#78

Pyrene

Concen: 43.984 ng

RT: 20.093 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

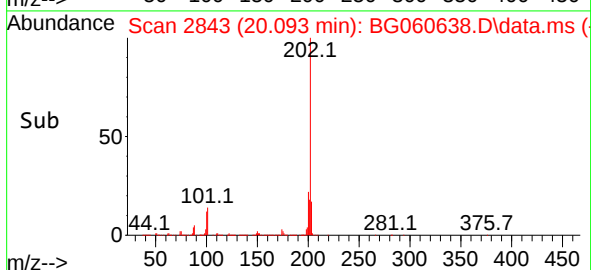
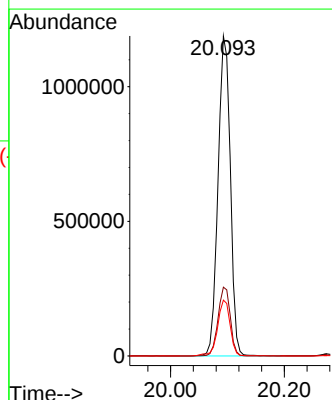
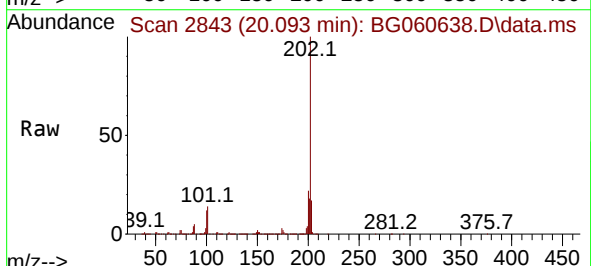
Tgt Ion:202 Resp: 1782223

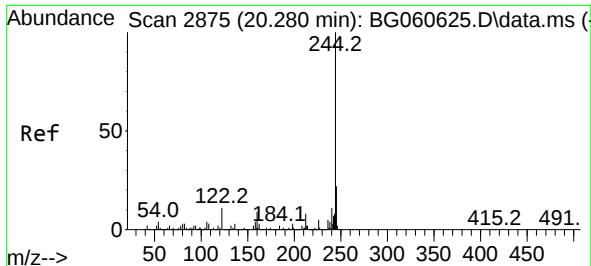
Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

203 17.5 14.3 21.5

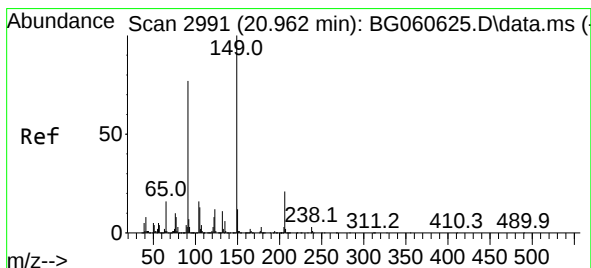
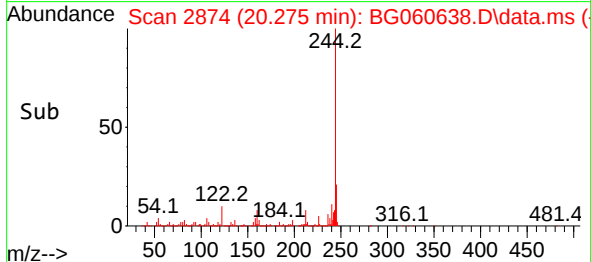
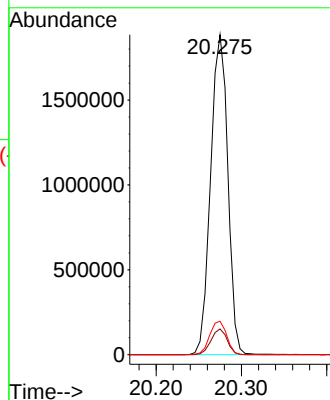
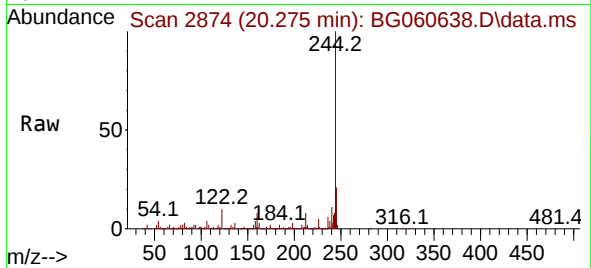




#79
 Terphenyl-d14
 Concen: 82.500 ng
 RT: 20.275 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060638.D
 Acq: 14 Mar 2024 14:31

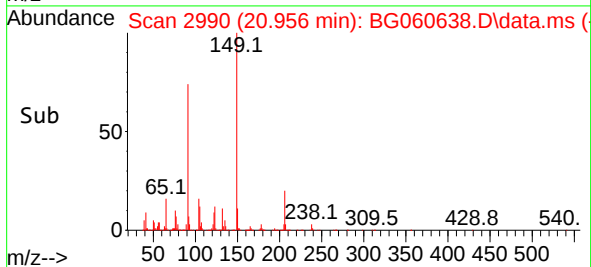
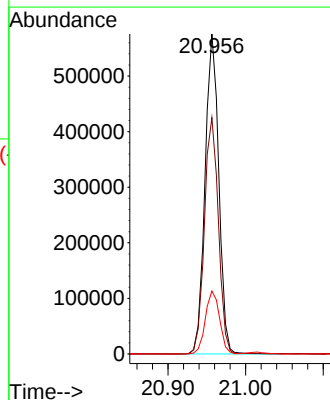
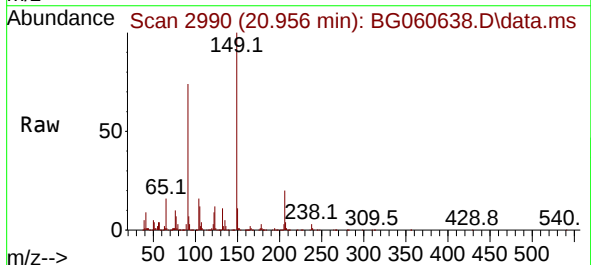
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-02

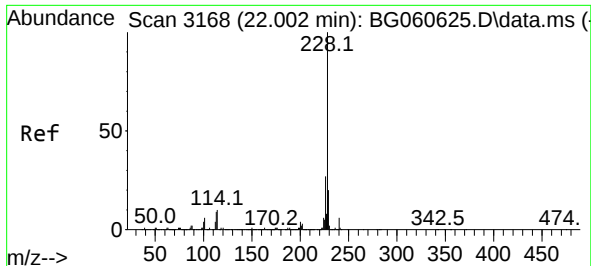
Tgt Ion:244 Resp: 2650106
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 10.5 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 46.172 ng
 RT: 20.956 min Scan# 2990
 Delta R.T. -0.006 min
 Lab File: BG060638.D
 Acq: 14 Mar 2024 14:31

Tgt Ion:149 Resp: 707282
 Ion Ratio Lower Upper
 149 100
 91 73.9 61.5 92.3
 206 19.7 16.9 25.3

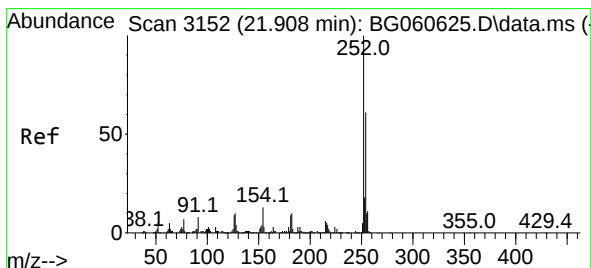
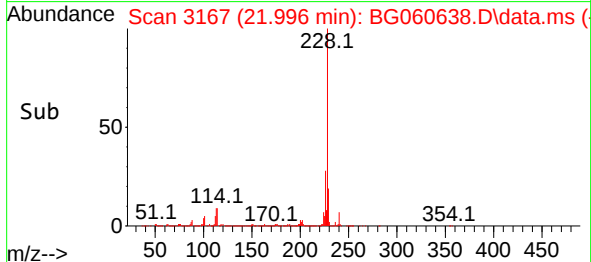
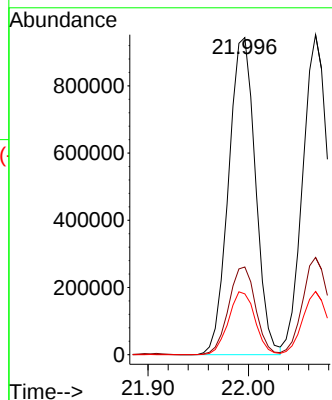
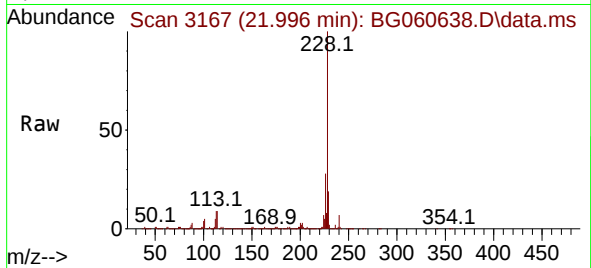




#81
Benzo(a)anthracene
Concen: 43.888 ng
RT: 21.996 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

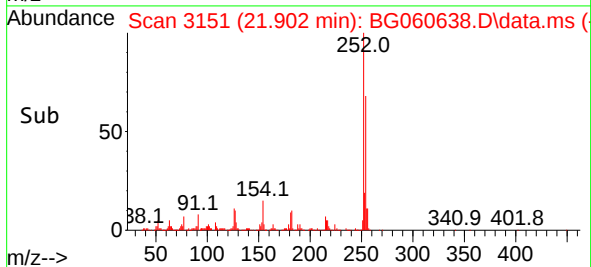
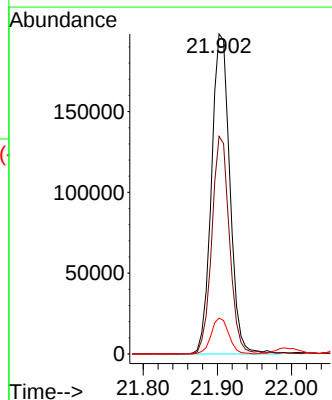
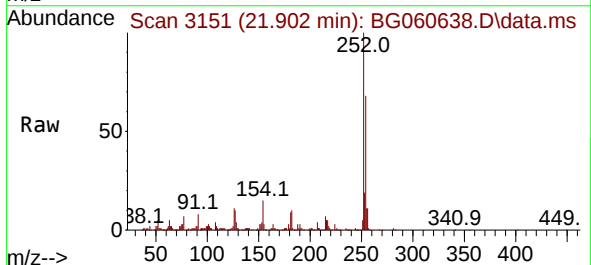
Instrument :
BNA_G
ClientSampleId :
IDOC-02

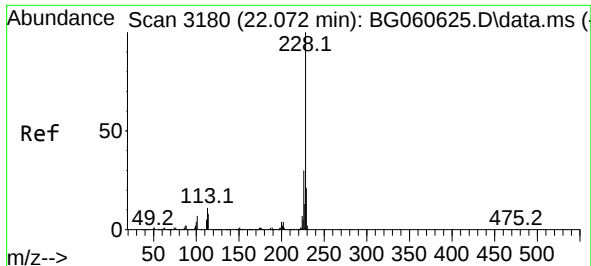
Tgt Ion:228 Resp: 1754542
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 25.328 ng
RT: 21.902 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:252 Resp: 341292
Ion Ratio Lower Upper
252 100
254 68.0 48.7 73.1
126 11.2 7.4 11.2#

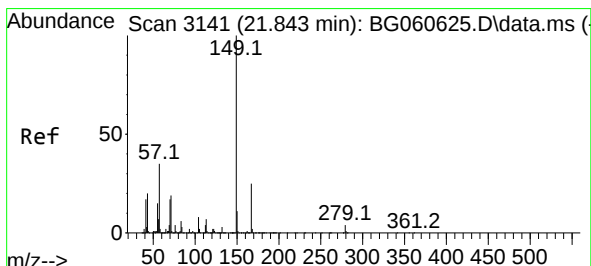
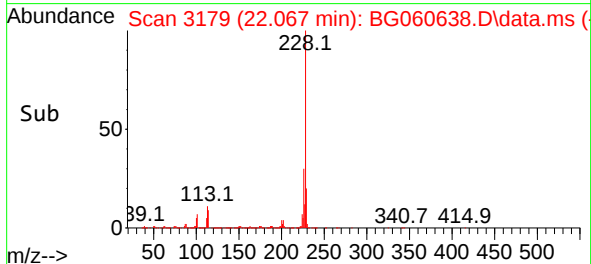
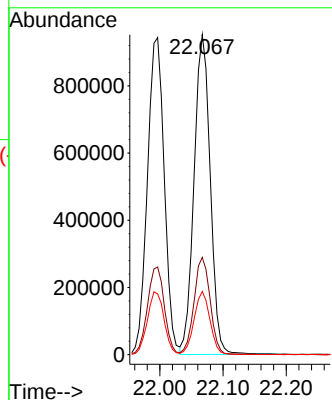
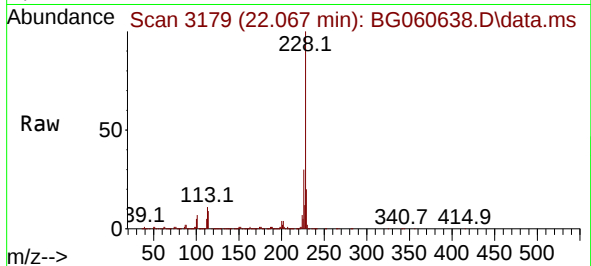




#83
Chrysene
Concen: 43.663 ng
RT: 22.067 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

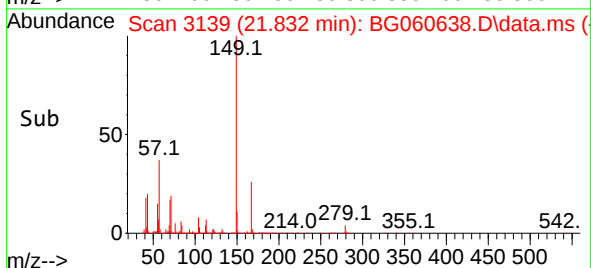
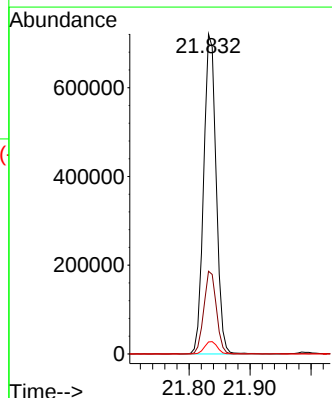
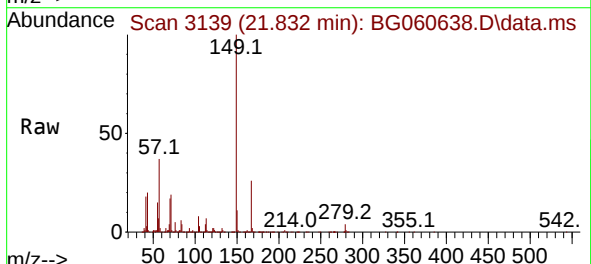
Instrument :
BNA_G
ClientSampleId :
IDOC-02

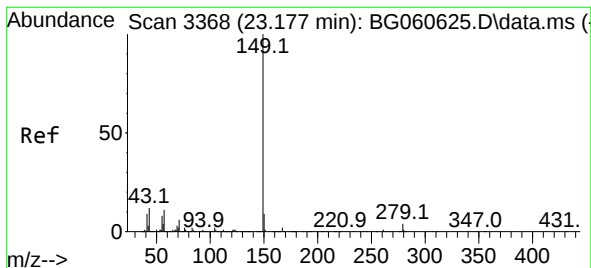
Tgt Ion:228 Resp: 1694910
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.7 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.422 ng
RT: 21.832 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:149 Resp: 1027773
Ion Ratio Lower Upper
149 100
167 25.8 19.9 29.9
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.031 ng

RT: 23.166 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

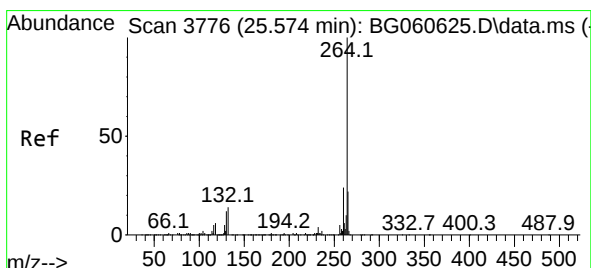
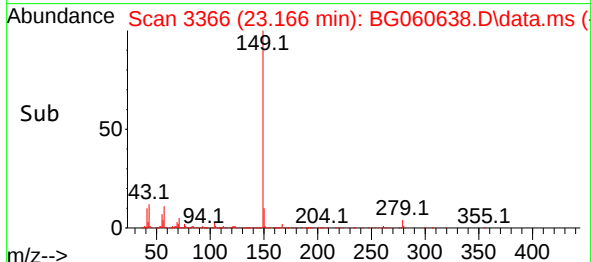
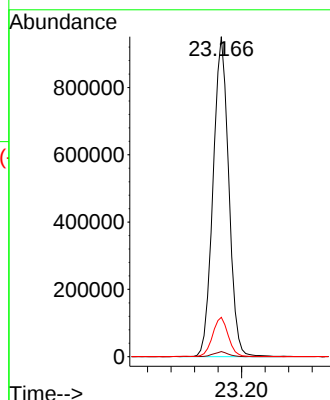
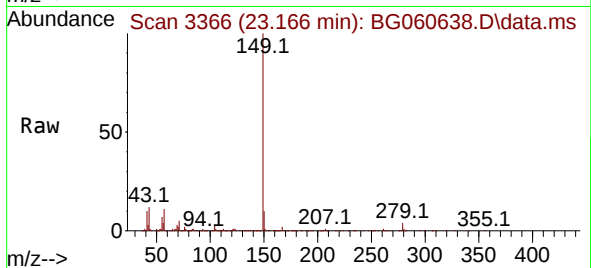
Tgt Ion:149 Resp: 1752411

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.2 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.569 min Scan# 3775

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

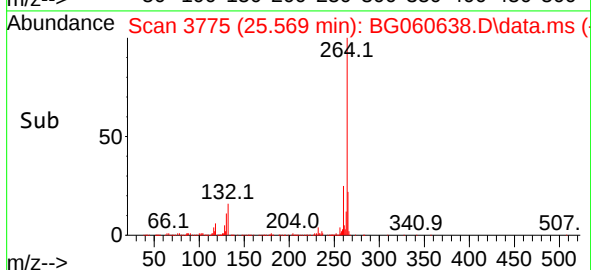
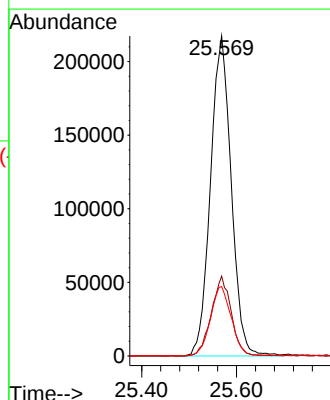
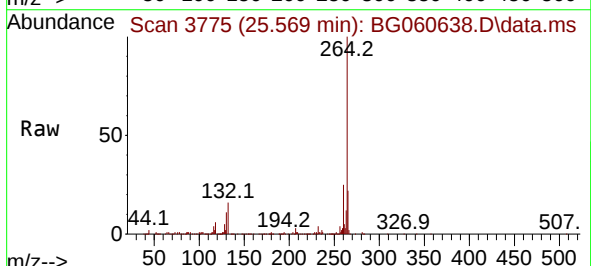
Tgt Ion:264 Resp: 659535

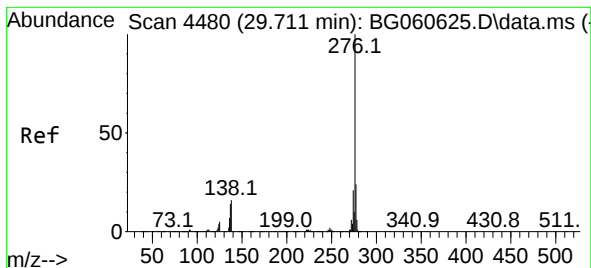
Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 21.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.792 ng

RT: 29.693 min Scan# 44

Delta R.T. -0.017 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

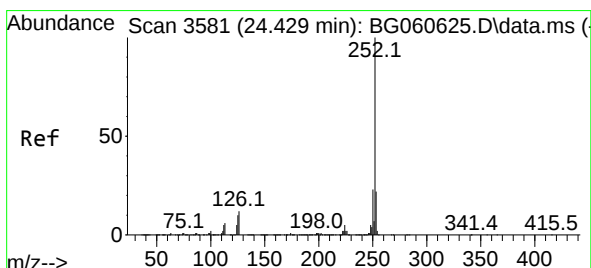
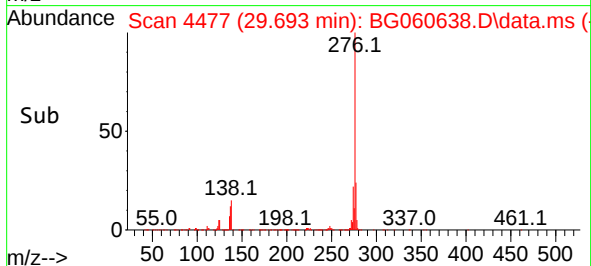
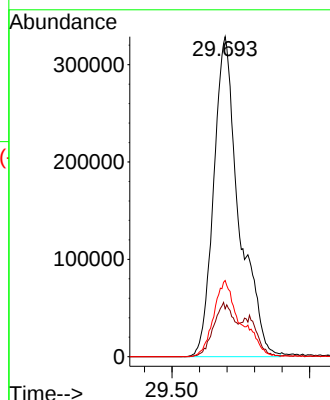
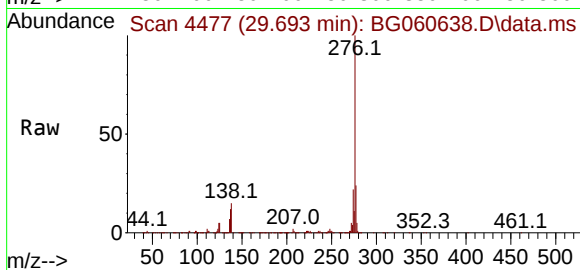
Tgt Ion:276 Resp: 2105066

Ion Ratio Lower Upper

276 100

138 13.6 6.6 10.0#

277 25.3 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 46.249 ng

RT: 24.423 min Scan# 3580

Delta R.T. -0.006 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

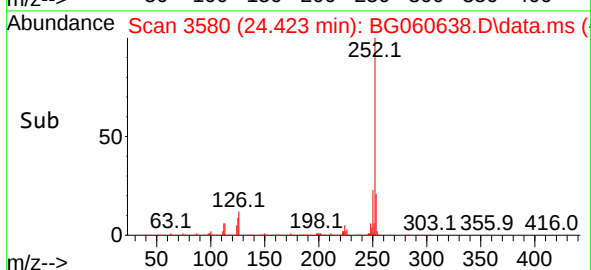
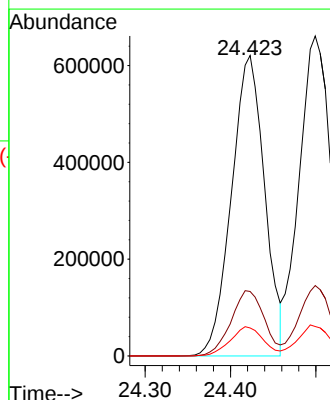
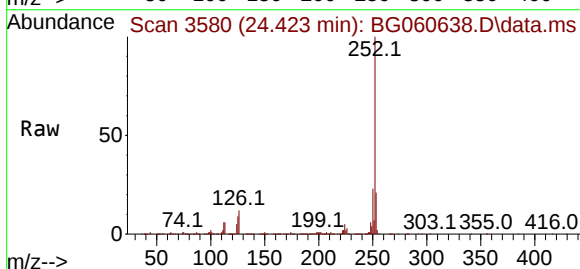
Tgt Ion:252 Resp: 1678075

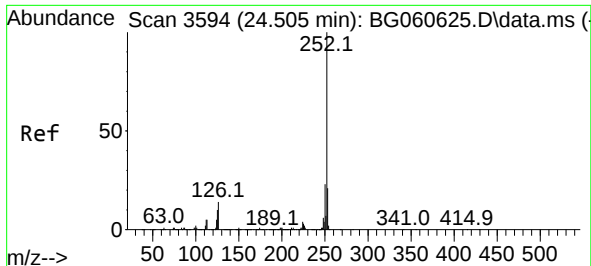
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 9.3 7.8 11.6

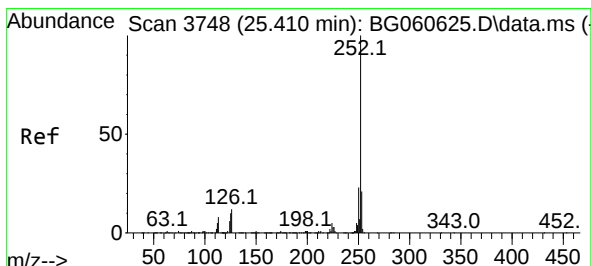
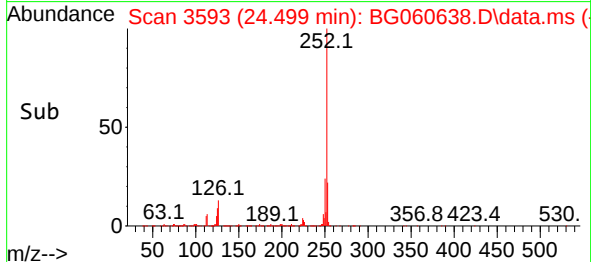
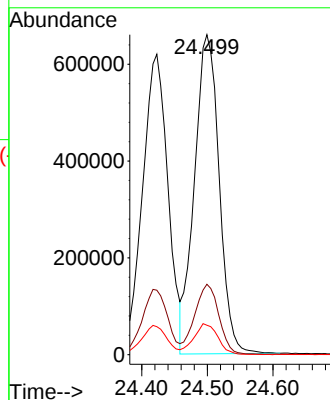
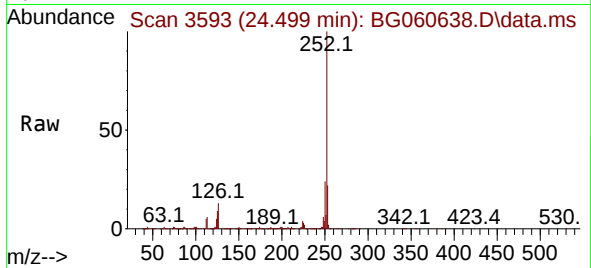




#89
Benzo(k)fluoranthene
Concen: 45.340 ng
RT: 24.499 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

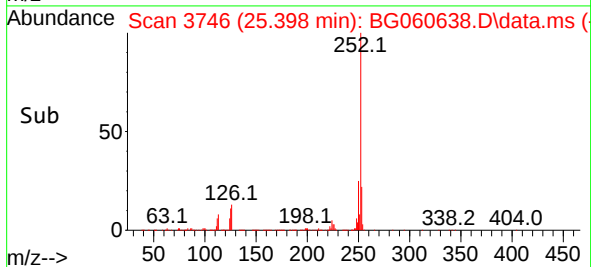
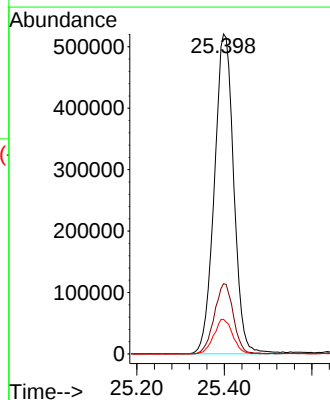
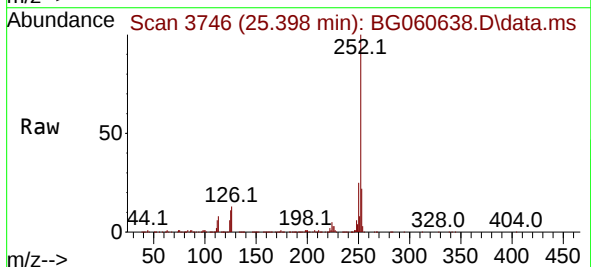
Instrument :
BNA_G
ClientSampleId :
IDOC-02

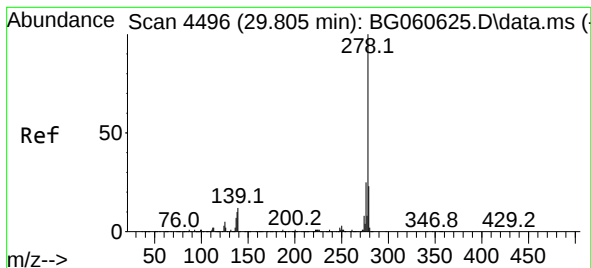
Tgt Ion:252 Resp: 1728298
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.2 8.0 12.0



#90
Benzo(a)pyrene
Concen: 44.909 ng
RT: 25.398 min Scan# 3746
Delta R.T. -0.011 min
Lab File: BG060638.D
Acq: 14 Mar 2024 14:31

Tgt Ion:252 Resp: 1597509
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.8 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 45.997 ng

RT: 29.781 min Scan# 4496

Delta R.T. -0.023 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Instrument :

BNA_G

ClientSampleId :

IDOC-02

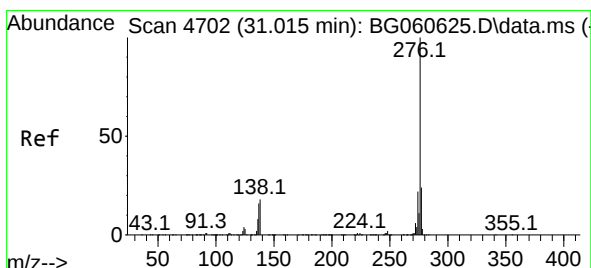
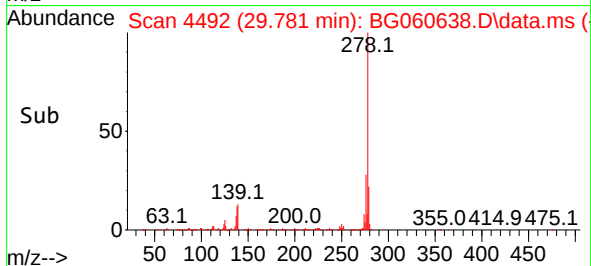
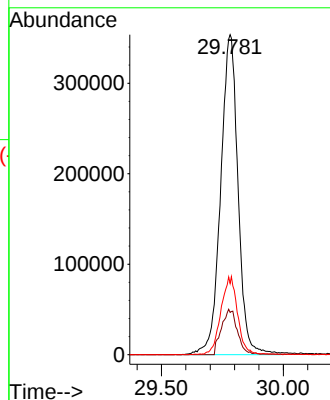
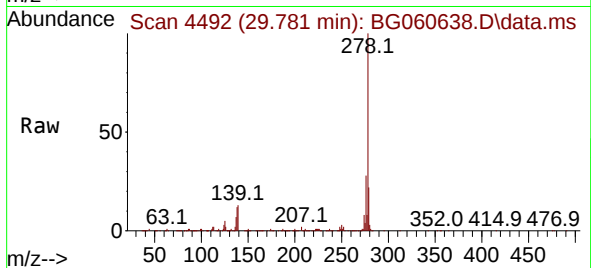
Tgt Ion:278 Resp: 1756672

Ion Ratio Lower Upper

278 100

139 13.2 9.8 14.8

279 22.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 43.827 ng

RT: 31.003 min Scan# 4700

Delta R.T. -0.011 min

Lab File: BG060638.D

Acq: 14 Mar 2024 14:31

Tgt Ion:276 Resp: 1620579

Ion Ratio Lower Upper

276 100

277 22.4 19.0 28.4

138 19.6 14.4 21.6

