

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062675.D
 Acq On : 6 Sep 2024 10:37
 Operator : MA/JU
 Sample : IDOC-01
 Misc : 8270-WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-01

Quant Time: Sep 06 11:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	63052	20.000	ng	0.00
21) Naphthalene-d8	10.712	136	262506	20.000	ng	0.00
39) Acenaphthene-d10	14.549	164	221515	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	637483	20.000	ng	0.00
76) Chrysene-d12	21.540	240	652047	20.000	ng	0.00
86) Perylene-d12	24.607	264	690656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	539667	147.947	ng	0.00
7) Phenol-d6	7.093	99	740884	140.595	ng	0.00
23) Nitrobenzene-d5	9.078	82	433465	88.931	ng	0.00
42) 2,4,6-Tribromophenol	16.035	330	474343	152.159	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	1142659	83.555	ng	0.00
79) Terphenyl-d14	19.913	244	2742837	83.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	52169	34.331	ng	98
3) Pyridine	3.796	79	133865	30.574	ng	98
4) n-Nitrosodimethylamine	3.708	42	90520	42.526	ng	98
6) Aniline	7.245	93	145663	29.586	ng	96
8) 2-Chlorophenol	7.486	128	186139	47.531	ng	94
9) Benzaldehyde	7.057	77	208165	67.911	ng	96
10) Phenol	7.116	94	264366	49.556	ng	99
11) bis(2-Chloroethyl)ether	7.339	93	172581	42.254	ng	97
12) 1,3-Dichlorobenzene	7.809	146	176894	41.161	ng	100
13) 1,4-Dichlorobenzene	7.956	146	186556	42.181	ng	98
14) 1,2-Dichlorobenzene	8.274	146	179718	41.340	ng	100
15) Benzyl Alcohol	8.156	79	177411	45.501	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.438	45	305320	39.222	ng	99
17) 2-Methylphenol	8.362	107	163327	43.922	ng	97
18) Hexachloroethane	9.002	117	63311	38.177	ng	94
19) n-Nitroso-di-n-propyla...	8.720	70	152144	36.640	ng	# 98
20) 3+4-Methylphenols	8.691	107	230244	41.969	ng	98
22) Acetophenone	8.738	105	291398	41.148	ng	# 98
24) Nitrobenzene	9.120	77	220090	42.468	ng	99
25) Isophorone	9.637	82	413596	38.656	ng	99
26) 2-Nitrophenol	9.831	139	89961	45.941	ng	97
27) 2,4-Dimethylphenol	9.889	122	141459	49.302	ng	97
28) bis(2-Chloroethoxy)met...	10.124	93	235494	41.115	ng	98
29) 2,4-Dichlorophenol	10.359	162	195131	48.640	ng	100
30) 1,2,4-Trichlorobenzene	10.577	180	203832	42.861	ng	100
31) Naphthalene	10.765	128	552122	42.434	ng	99
32) Benzoic acid	10.024	122	116726	37.825	ng	98
33) 4-Chloroaniline	10.871	127	133250	26.024	ng	98
34) Hexachlorobutadiene	11.053	225	140881	42.414	ng	96
35) Caprolactam	11.634	113	38522	24.908	ng	94
36) 4-Chloro-3-methylphenol	11.993	107	222327	45.945	ng	96
37) 2-Methylnaphthalene	12.369	142	425002	42.114	ng	96
38) 1-Methylnaphthalene	12.592	142	399643	39.439	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	283600	42.572	ng	99
41) Hexachlorocyclopentadiene	12.721	237	230595	121.323	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	200877	47.566	ng	98

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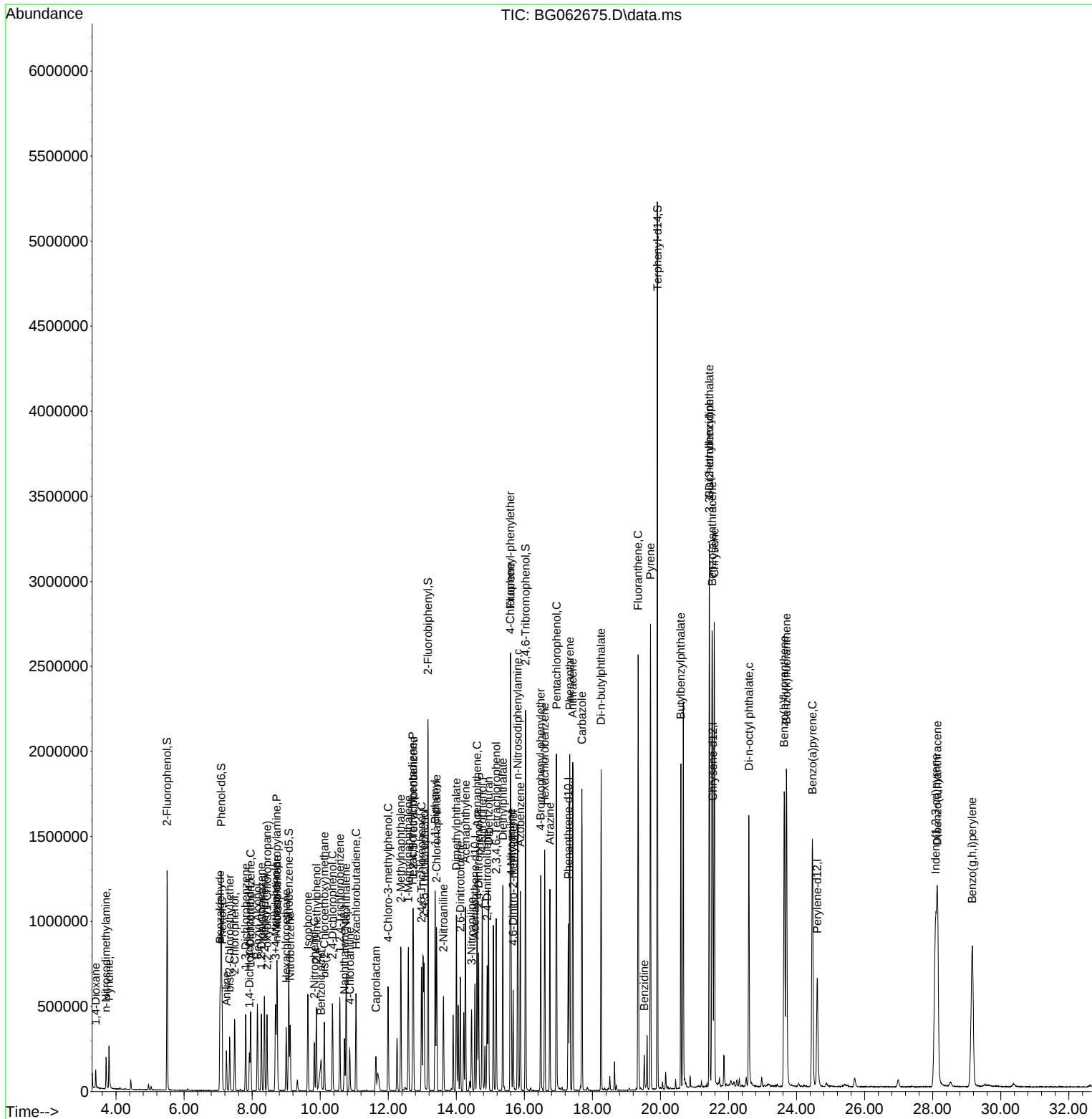
Quant Time: Sep 06 11:11:50 2024
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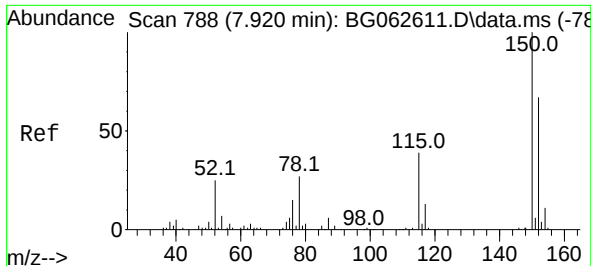
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.050	196	229377	47.961	ng	98
46) 1,1'-Biphenyl	13.379	154	614568	41.586	ng	97
47) 2-Chloronaphthalene	13.420	162	503005	41.998	ng	97
48) 2-Nitroaniline	13.626	65	165359	52.493	ng	95
49) Acenaphthylene	14.272	152	832729	46.950	ng	97
50) Dimethylphthalate	14.002	163	712857	44.010	ng	99
51) 2,6-Dinitrotoluene	14.120	165	146632	47.860	ng	96
52) Acenaphthene	14.613	154	462276	41.693	ng	98
53) 3-Nitroaniline	14.449	138	119696	40.376	ng	97
54) 2,4-Dinitrophenol	14.654	184	196784	114.452	ng	95
55) Dibenzofuran	14.948	168	859348	45.194	ng	95
56) 4-Nitrophenol	14.766	139	279221	111.138	ng	98
57) 2,4-Dinitrotoluene	14.907	165	225532	53.952	ng	99
58) Fluorene	15.594	166	672763	45.083	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.171	232	233289	51.492	ng	94
60) Diethylphthalate	15.371	149	731310	45.553	ng	98
61) 4-Chlorophenyl-phenyle...	15.589	204	392562	45.823	ng	97
62) 4-Nitroaniline	15.612	138	168521	51.555	ng	95
63) Azobenzene	15.882	77	680030	45.110	ng	99
65) 4,6-Dinitro-2-methylph...	15.671	198	142101	49.950	ng	95
66) n-Nitrosodiphenylamine	15.806	169	644731	42.066	ng	98
67) 4-Bromophenyl-phenylether	16.482	248	279432	42.471	ng	97
68) Hexachlorobenzene	16.599	284	330053	42.359	ng	97
69) Atrazine	16.752	200	235855	45.307	ng	98
70) Pentachlorophenol	16.946	266	425530	85.268	ng	97
71) Phenanthrene	17.334	178	1299631	43.678	ng	99
72) Anthracene	17.422	178	1300027	44.437	ng	99
73) Carbazole	17.692	167	1172027	43.579	ng	99
74) Di-n-butylphthalate	18.256	149	1347750	44.435	ng	99
75) Fluoranthene	19.343	202	1679279	44.623	ng	99
77) Benzidine	19.525	184	149398	12.712	ng	98
78) Pyrene	19.707	202	1739725	41.973	ng	99
80) Butylbenzylphthalate	20.600	149	547834	44.998	ng	98
81) Benzo(a)anthracene	21.517	228	1808617	43.977	ng	99
82) 3,3'-Dichlorobenzidine	21.440	252	500514	37.359	ng	99
83) Chrysene	21.581	228	1722250	43.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.435	149	793654	42.910	ng	96
85) Di-n-octyl phthalate	22.598	149	1372562	42.384	ng	100
87) Indeno(1,2,3-cd)pyrene	28.086	276	2197675	49.624	ng	97
88) Benzo(b)fluoranthene	23.638	252	1831481	48.010	ng	99
89) Benzo(k)fluoranthene	23.703	252	1811784	48.552	ng	99
90) Benzo(a)pyrene	24.466	252	1670361	49.564	ng	99
91) Dibenzo(a,h)anthracene	28.139	278	1826692	50.071	ng	98
92) Benzo(g,h,i)perylene	29.161	276	1710662	46.502	ng	96

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

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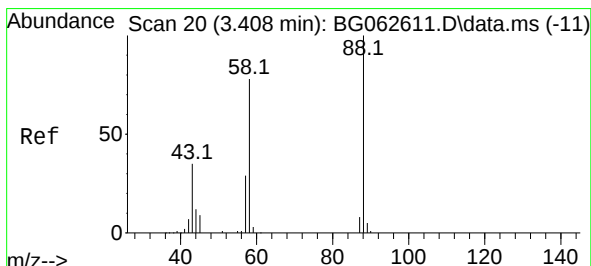
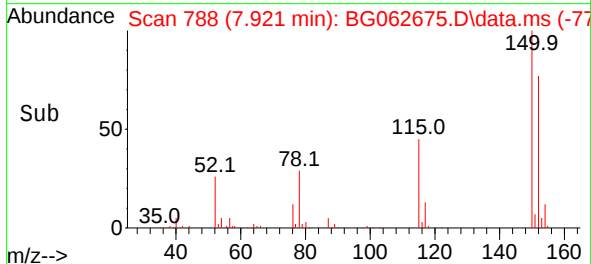
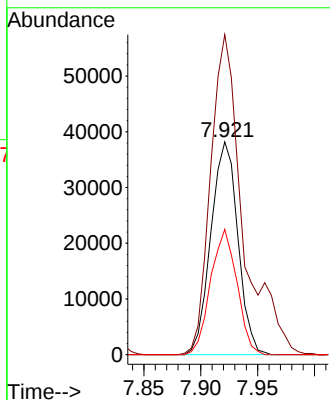
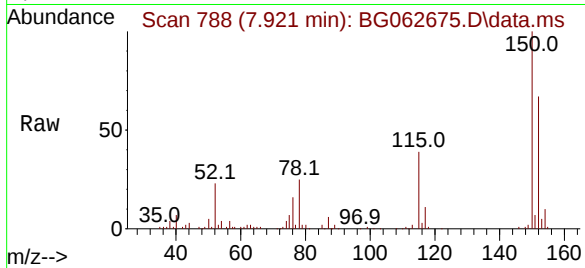




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 7
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

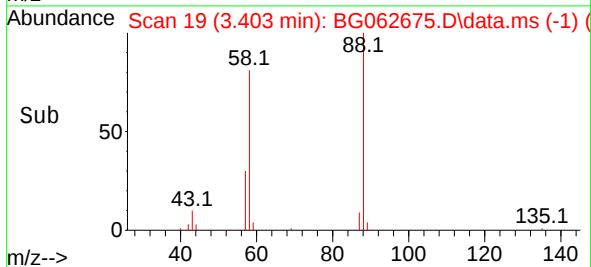
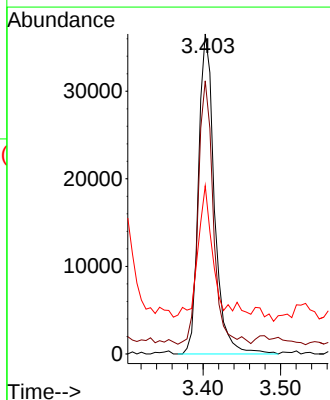
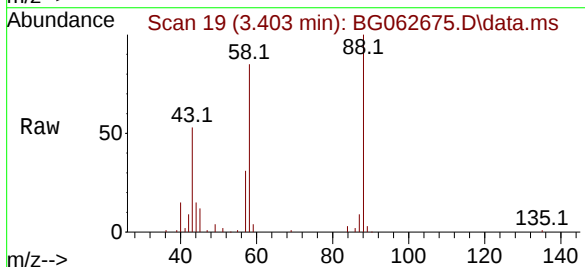
Instrument :
BNA_G
ClientSampleId :
IDOC-01

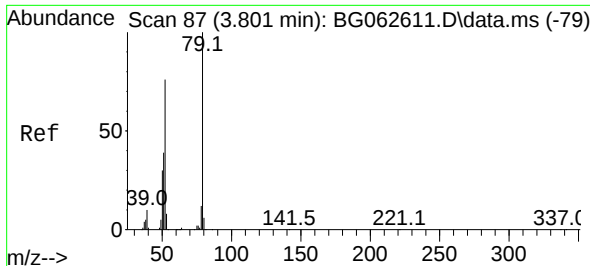
Tgt Ion:152 Resp: 63052
Ion Ratio Lower Upper
152 100
150 150.3 119.9 179.9
115 58.9 46.6 69.8



#2
1,4-Dioxane
Concen: 34.331 ng
RT: 3.403 min Scan# 19
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion: 88 Resp: 52169
Ion Ratio Lower Upper
88 100
58 78.0 62.3 93.5
43 37.8 27.5 41.3

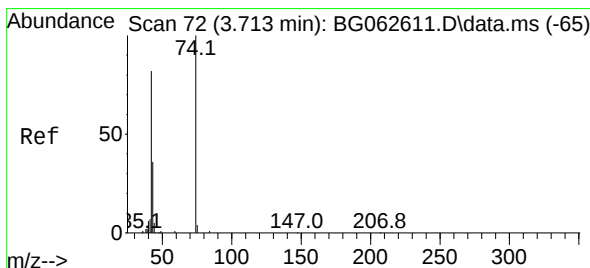
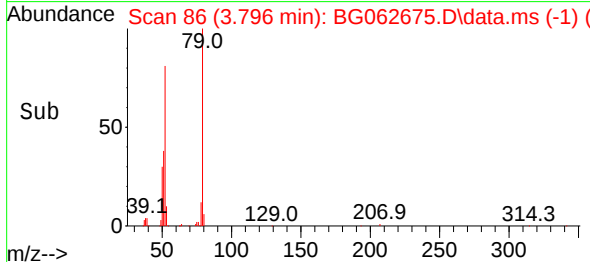
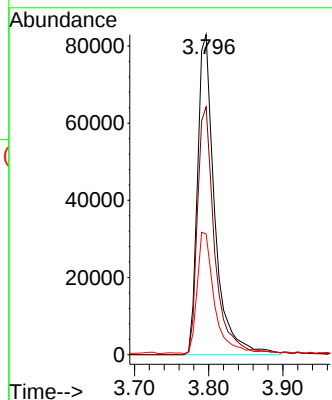
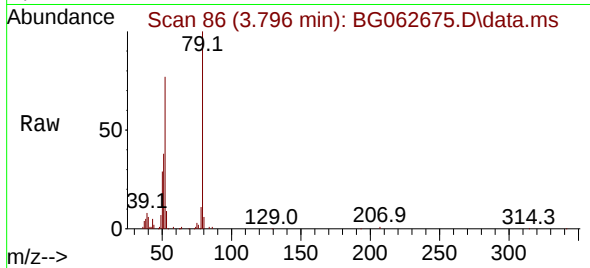




#3
 Pyridine
 Concen: 30.574 ng
 RT: 3.796 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BG062675.D
 Acq: 6 Sep 2024 10:37

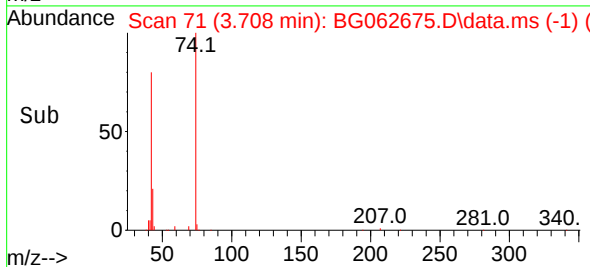
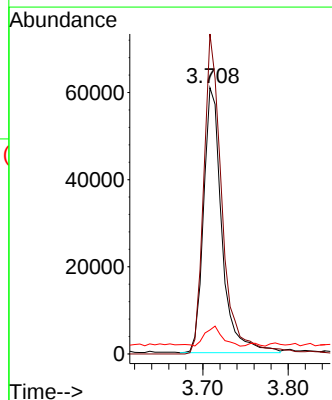
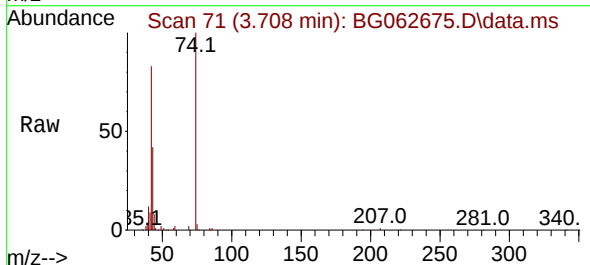
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-01

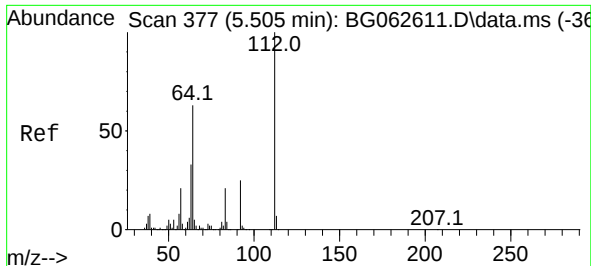
Tgt Ion: 79 Resp: 133865
 Ion Ratio Lower Upper
 79 100
 52 77.5 60.9 91.3
 51 37.7 31.5 47.3



#4
 n-Nitrosodimethylamine
 Concen: 42.526 ng
 RT: 3.708 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BG062675.D
 Acq: 6 Sep 2024 10:37

Tgt Ion: 42 Resp: 90520
 Ion Ratio Lower Upper
 42 100
 74 120.2 98.0 147.0
 44 9.0 7.4 11.2

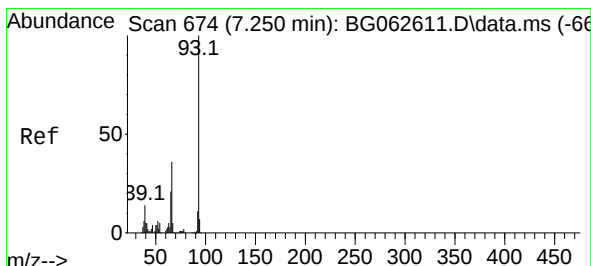
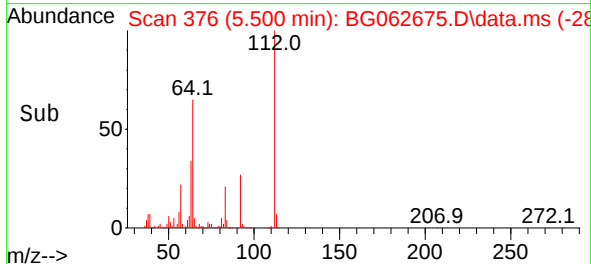
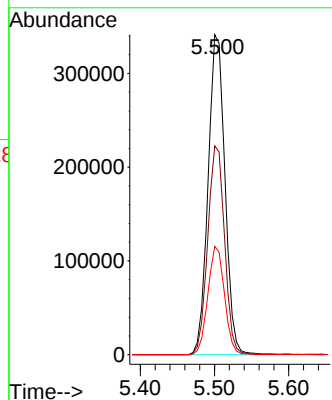
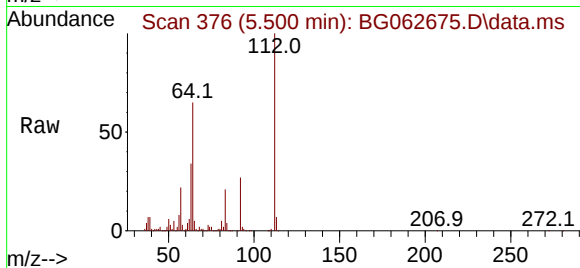




#5
2-Fluorophenol
Concen: 147.947 ng
RT: 5.500 min Scan# 377
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

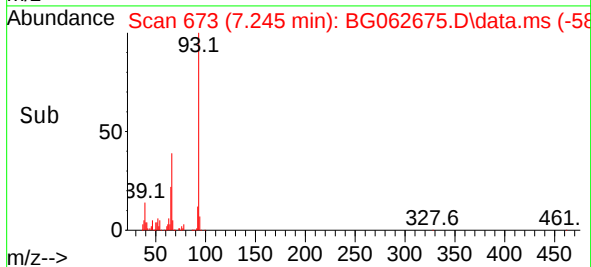
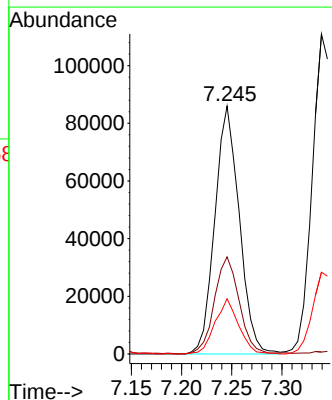
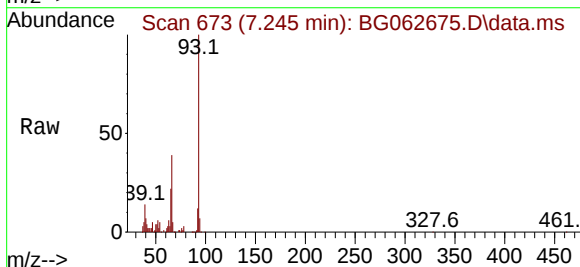
Instrument :
BNA_G
ClientSampleId :
IDOC-01

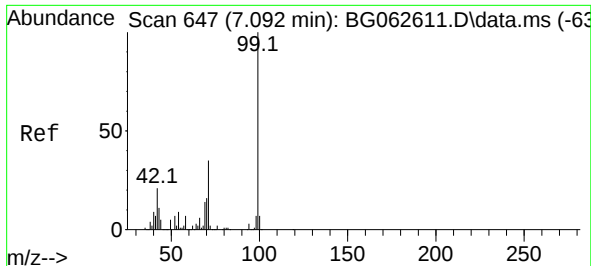
Tgt Ion:112 Resp: 539667
Ion Ratio Lower Upper
112 100
64 65.2 50.2 75.2
63 33.8 26.6 39.8



#6
Aniline
Concen: 29.586 ng
RT: 7.245 min Scan# 673
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion: 93 Resp: 145663
Ion Ratio Lower Upper
93 100
66 39.2 29.1 43.7
65 22.3 16.6 25.0

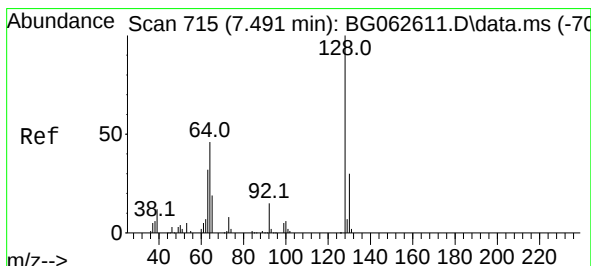
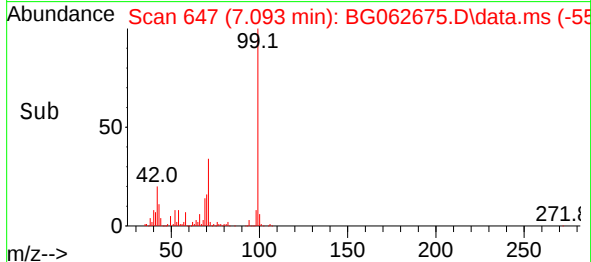
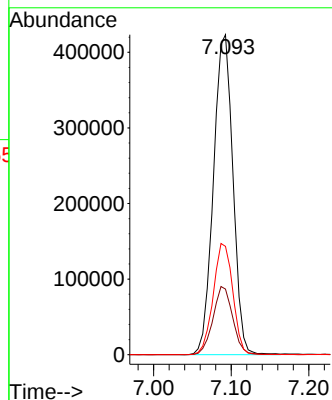
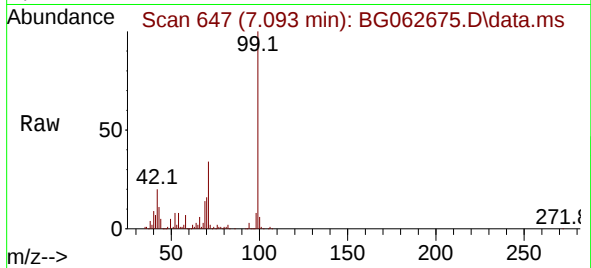




#7
Phenol-d6
Concen: 140.595 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

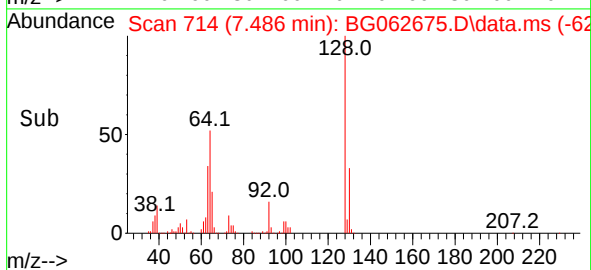
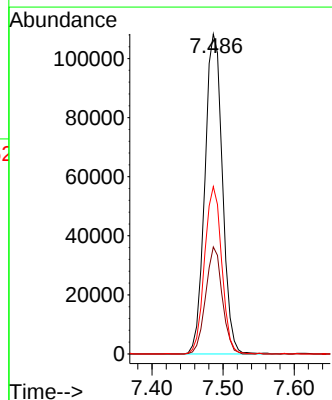
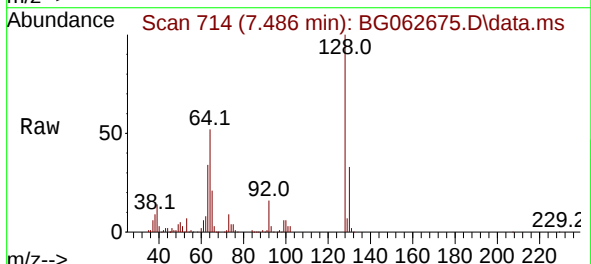
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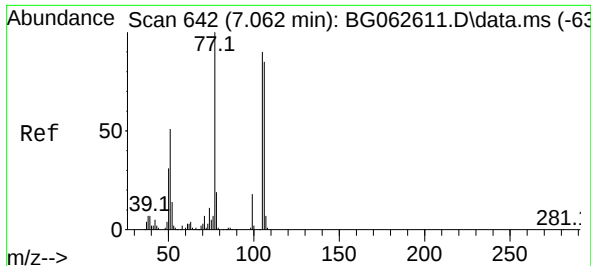
Tgt Ion: 99 Resp: 740884
Ion Ratio Lower Upper
99 100
42 20.5 16.9 25.3
71 33.8 27.9 41.9



#8
2-Chlorophenol
Concen: 47.531 ng
RT: 7.486 min Scan# 714
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:128 Resp: 186139
Ion Ratio Lower Upper
128 100
130 33.5 10.0 50.0
64 52.3 28.8 68.8

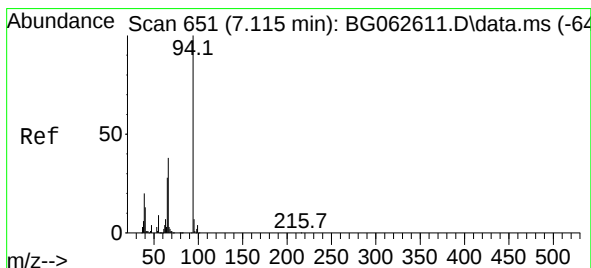
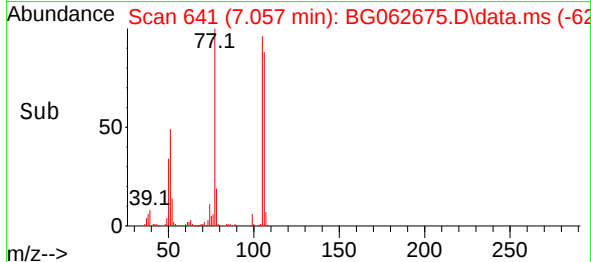
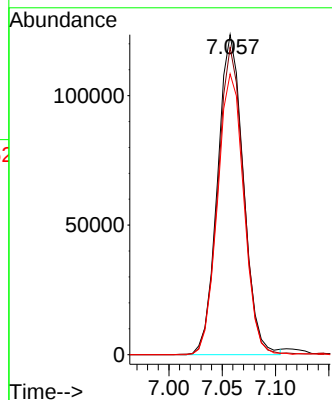
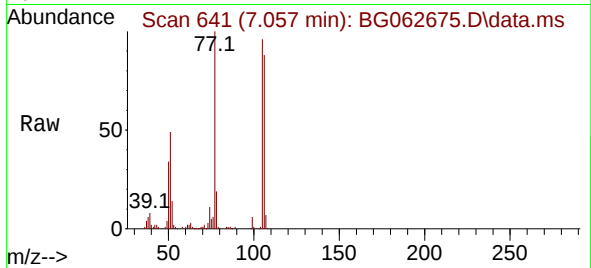




#9
Benzaldehyde
Concen: 67.911 ng
RT: 7.057 min Scan# 641
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

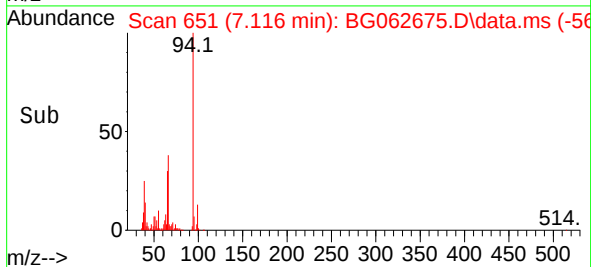
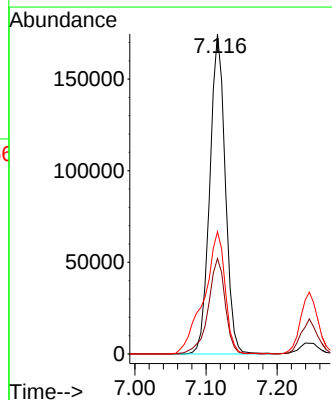
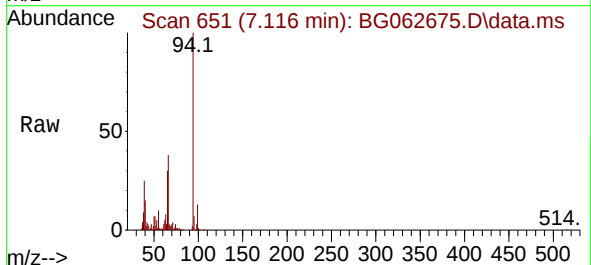
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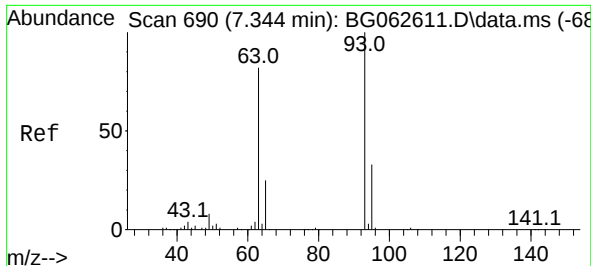
Tgt Ion: 77 Resp: 208165
Ion Ratio Lower Upper
77 100
105 96.0 70.2 110.2
106 87.8 65.4 105.4



#10
Phenol
Concen: 49.556 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion: 94 Resp: 264366
Ion Ratio Lower Upper
94 100
65 29.8 8.6 48.6
66 38.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 42.254 ng

RT: 7.339 min Scan# 61

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

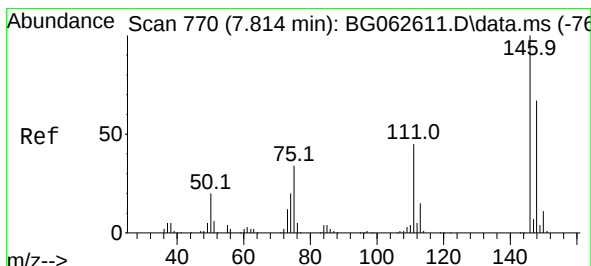
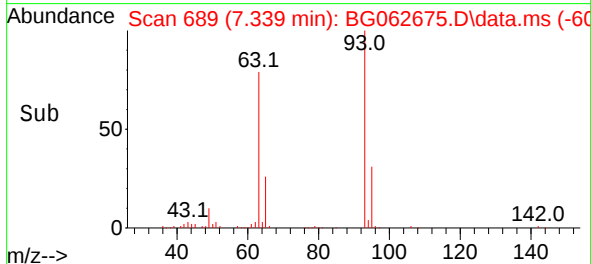
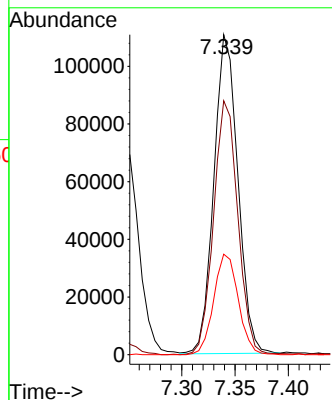
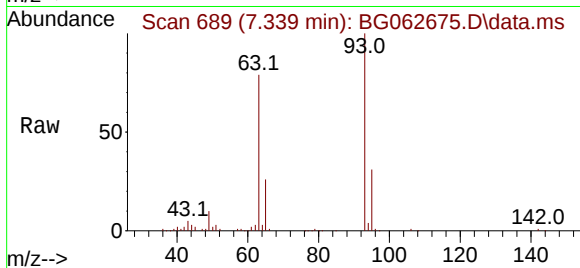
Tgt Ion: 93 Resp: 172581

Ion Ratio Lower Upper

93 100

63 79.3 61.9 101.9

95 31.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.161 ng

RT: 7.809 min Scan# 769

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

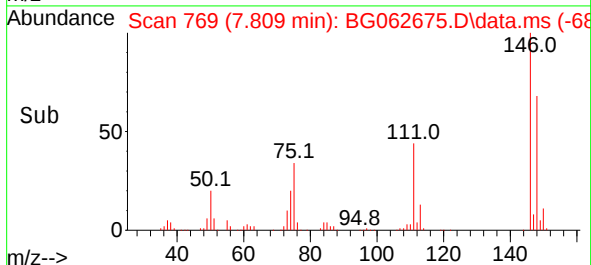
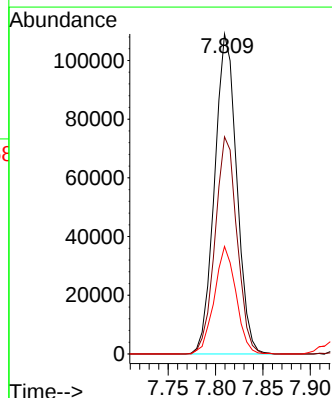
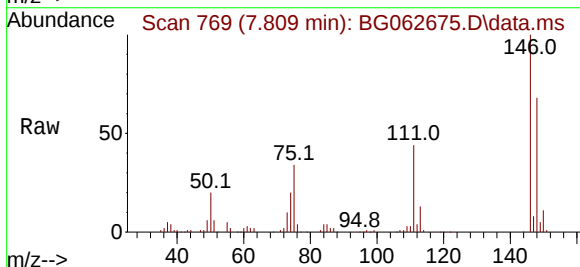
Tgt Ion:146 Resp: 176894

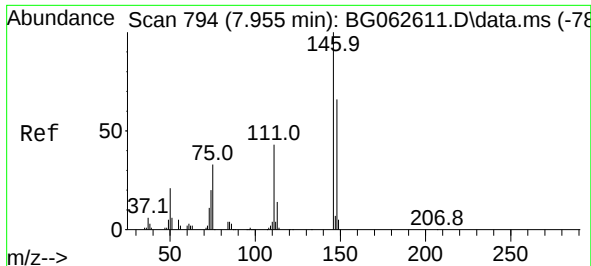
Ion Ratio Lower Upper

146 100

148 67.9 53.9 80.9

75 33.6 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.181 ng

RT: 7.956 min Scan# 794

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

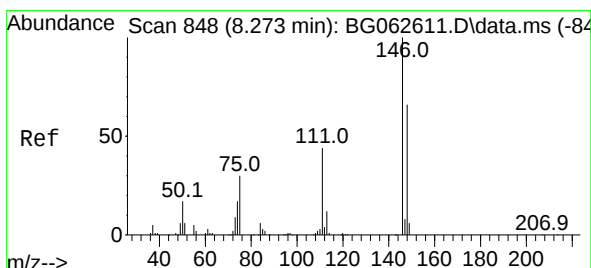
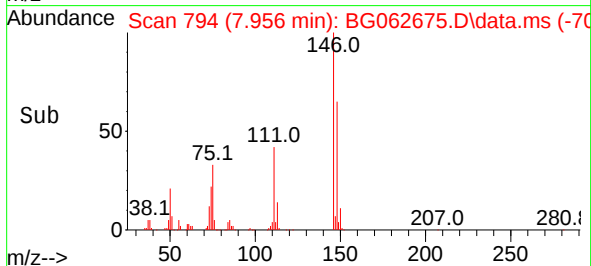
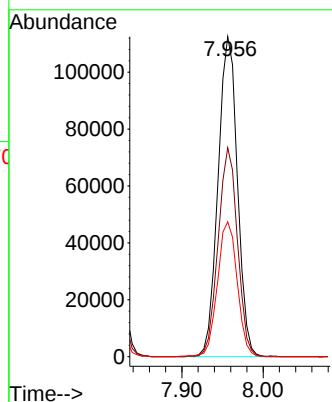
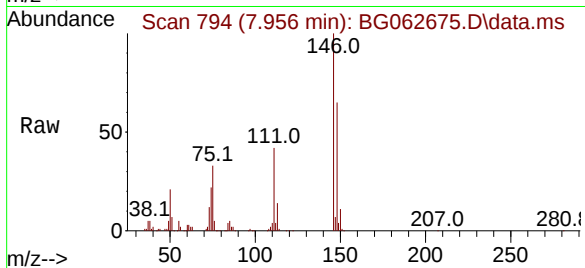
Tgt Ion:146 Resp: 186556

Ion Ratio Lower Upper

146 100

148 65.3 53.0 79.6

111 42.2 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 41.340 ng

RT: 8.274 min Scan# 848

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

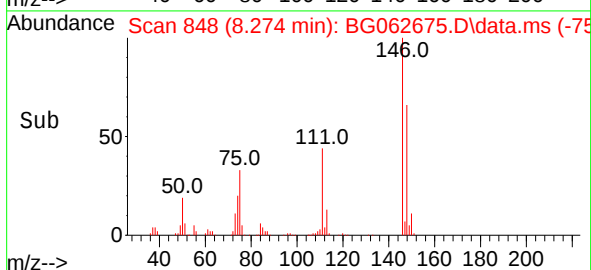
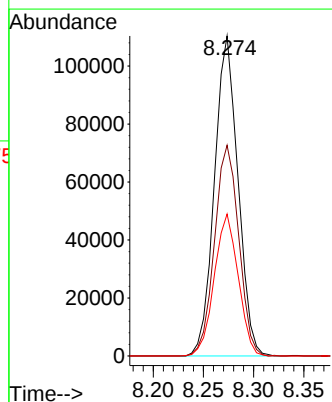
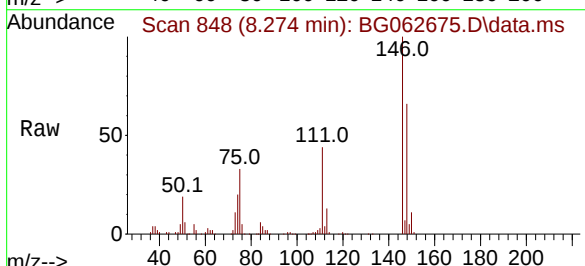
Tgt Ion:146 Resp: 179718

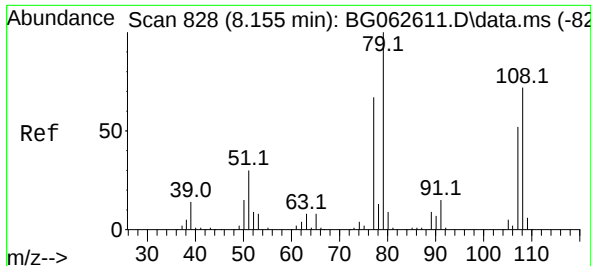
Ion Ratio Lower Upper

146 100

148 65.9 52.5 78.7

111 44.4 35.5 53.3





#15

Benzyl Alcohol

Concen: 45.501 ng

RT: 8.156 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

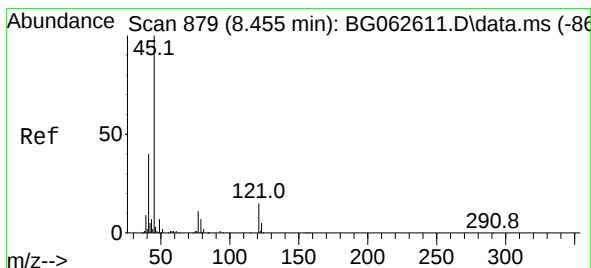
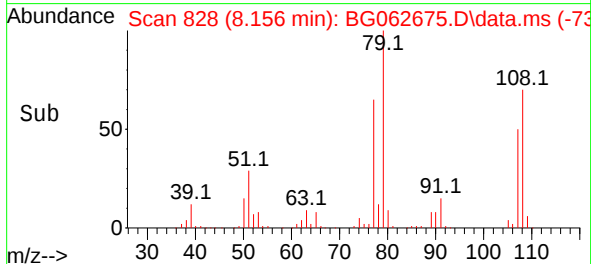
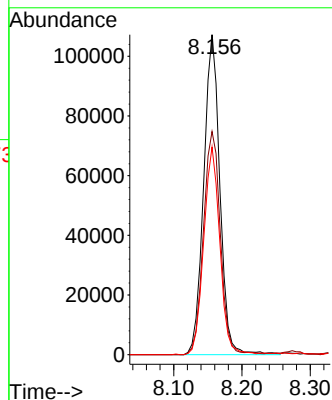
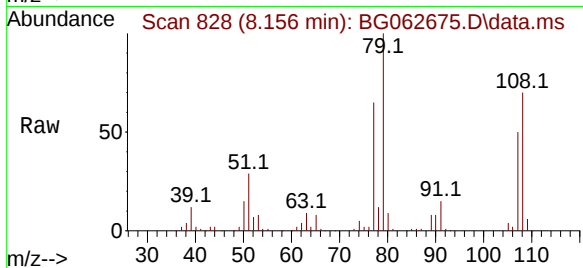
Tgt Ion: 79 Resp: 177411

Ion Ratio Lower Upper

79 100

108 69.7 57.9 86.9

77 64.9 53.4 80.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.222 ng

RT: 8.438 min Scan# 876

Delta R.T. -0.017 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

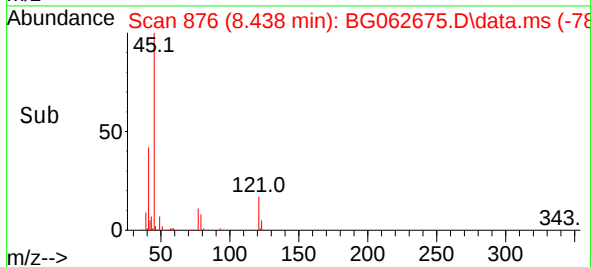
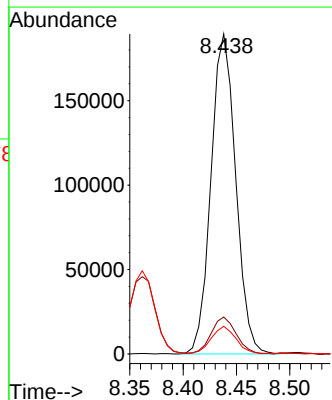
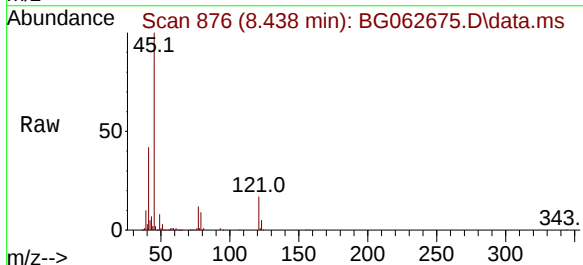
Tgt Ion: 45 Resp: 305320

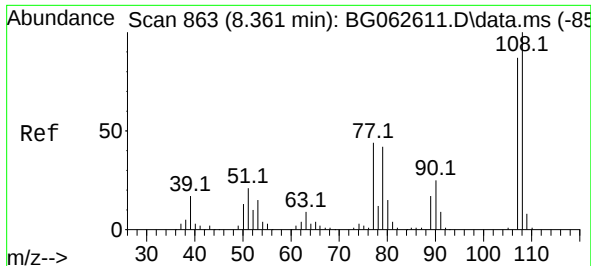
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.7

79 8.7 0.0 28.3



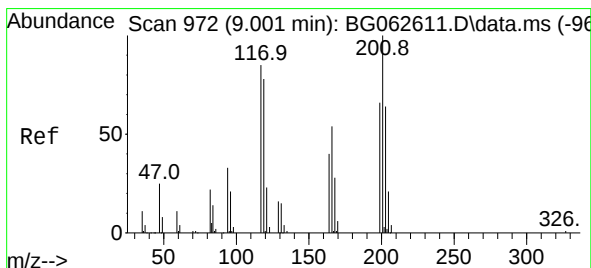
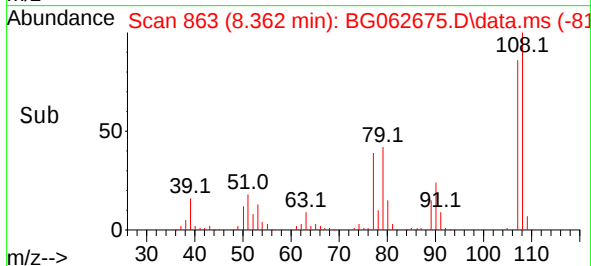
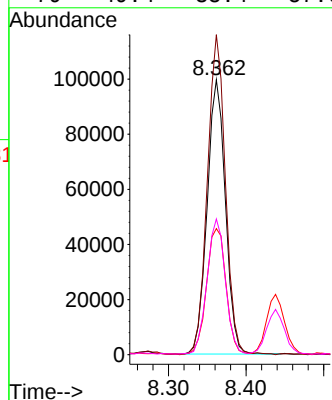
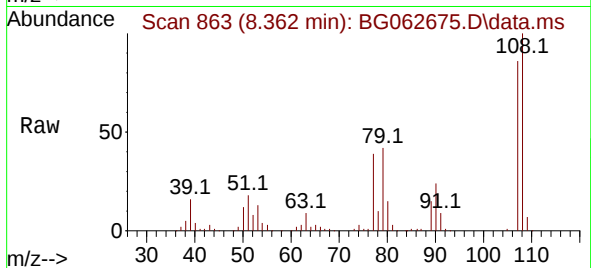


#17
2-Methylphenol
Concen: 43.922 ng
RT: 8.362 min Scan# 863
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Instrument :
BNA_G
ClientSampleId :
IDOC-01

Tgt Ion:107 Resp: 163327

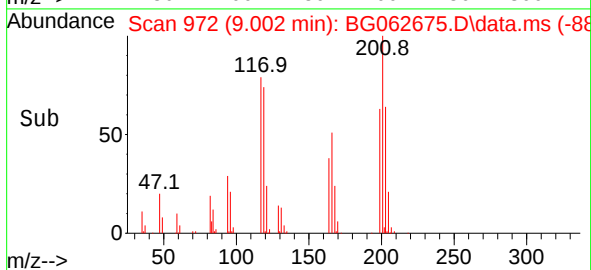
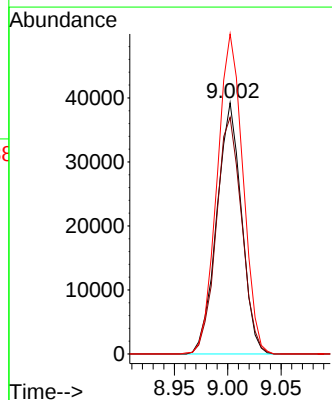
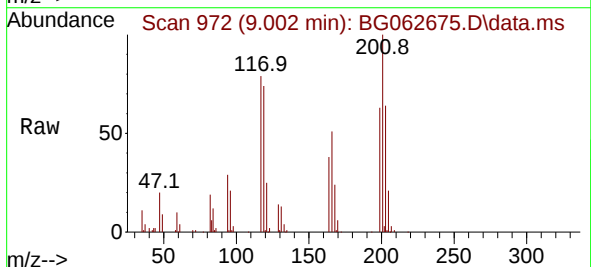
Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.5	137.3
77	45.9	40.0	60.0
79	49.4	38.4	57.6

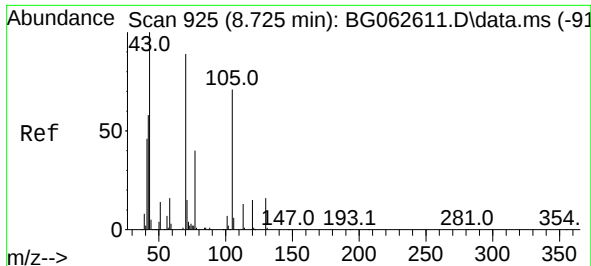


#18
Hexachloroethane
Concen: 38.177 ng
RT: 9.002 min Scan# 972
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:117 Resp: 63311

Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.4	110.0
201	127.4	93.9	140.9

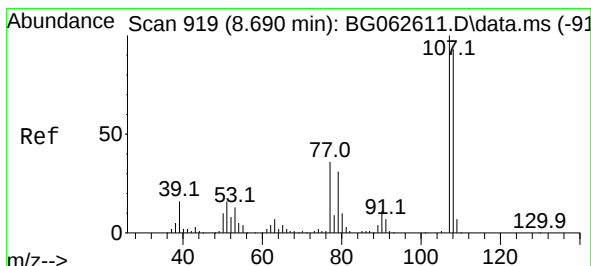
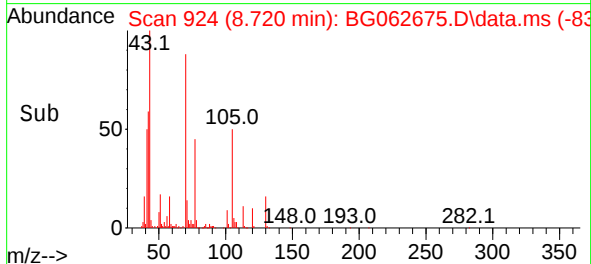
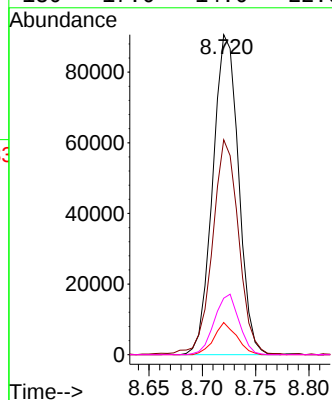
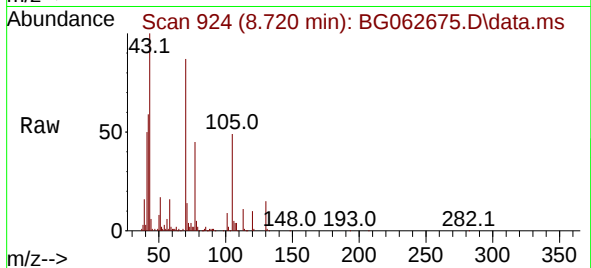




#19
n-Nitroso-di-n-propylamine
Concen: 36.640 ng
RT: 8.720 min Scan# 919
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

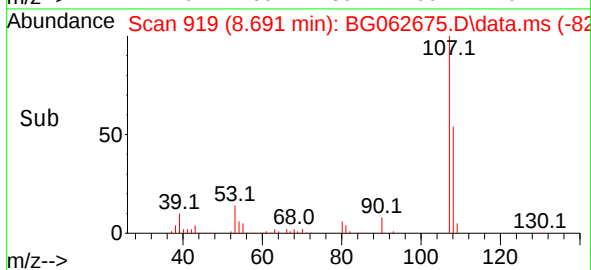
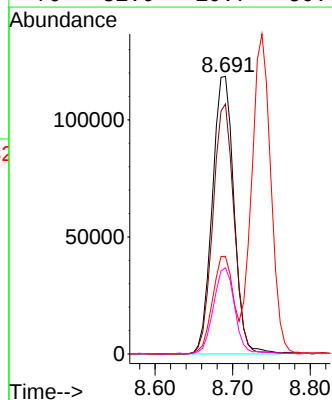
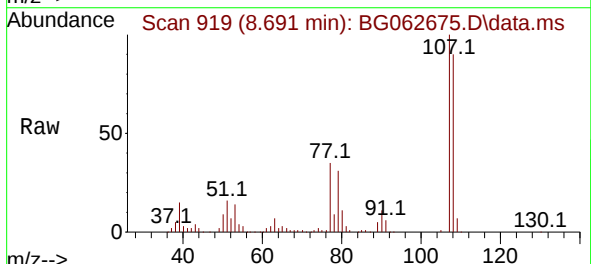
Instrument :
BNA_G
ClientSampleId :
IDOC-01

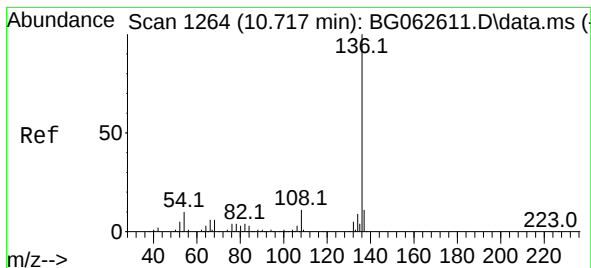
Tgt Ion: 70 Resp: 152144
Ion Ratio Lower Upper
70 100
42 67.2 52.3 78.5
101 10.1 6.6 9.8#
130 17.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 41.969 ng
RT: 8.691 min Scan# 919
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:107 Resp: 230244
Ion Ratio Lower Upper
107 100
108 90.1 72.7 112.7
77 35.2 16.5 56.5
79 31.0 10.7 50.7

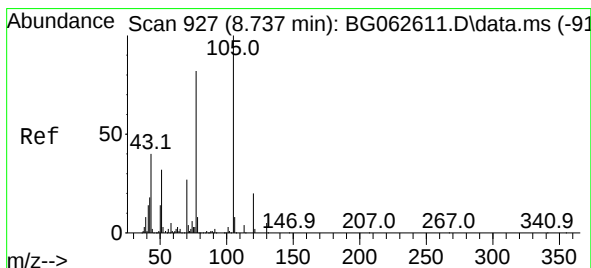
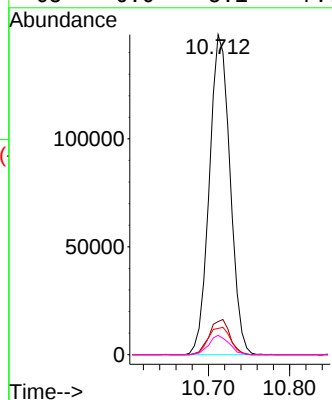
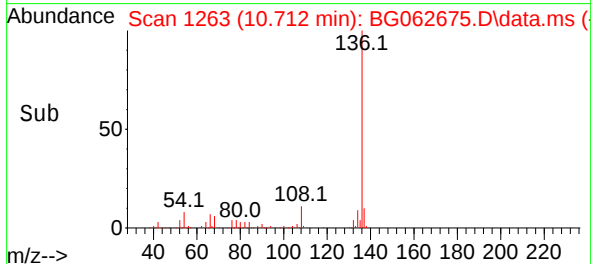
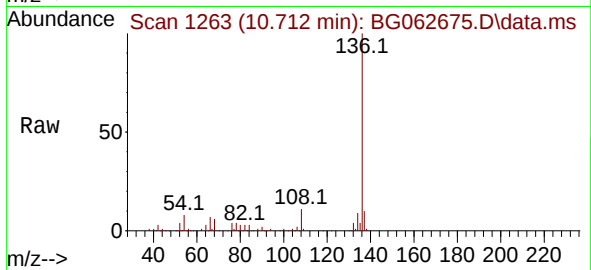




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.712 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

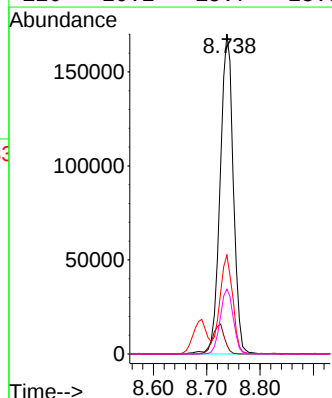
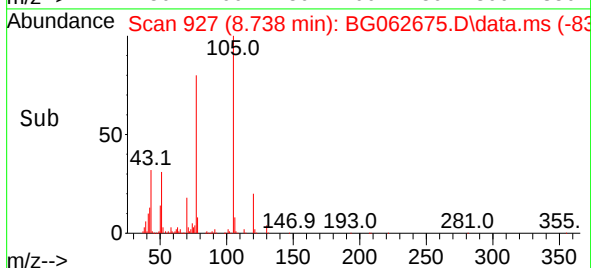
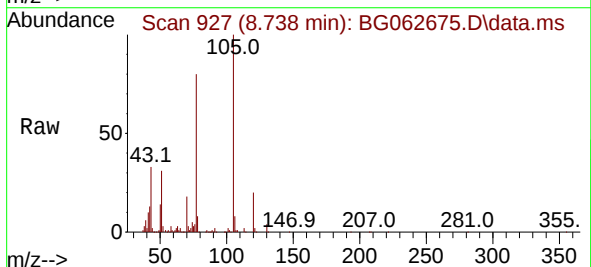
Instrument : BNA_G
ClientSampleId : IDOC-01

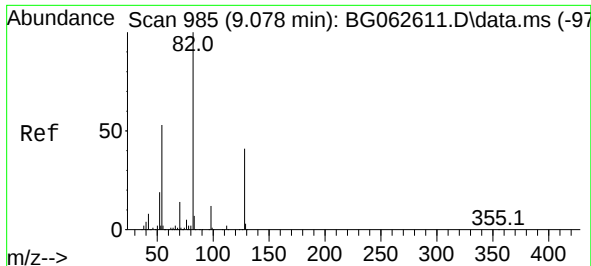
Tgt Ion:136 Resp: 262506
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 8.2 7.8 11.6
68 6.0 5.1 7.7



#22
Acetophenone
Concen: 41.148 ng
RT: 8.738 min Scan# 927
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:105 Resp: 291398
Ion Ratio Lower Upper
105 100
71 2.8 3.5 5.3#
51 30.8 25.7 38.5
120 20.2 15.7 23.5





#23

Nitrobenzene-d5

Concen: 88.931 ng

RT: 9.078 min Scan# 985

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

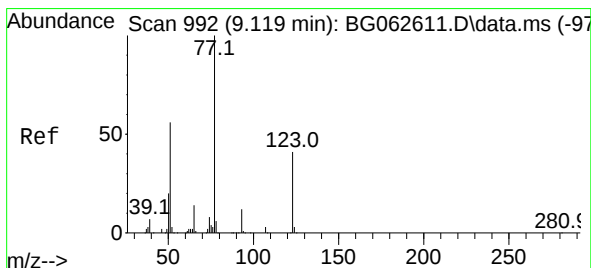
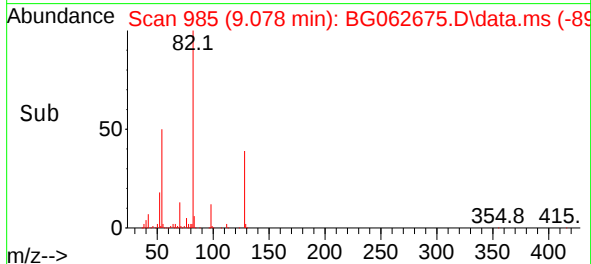
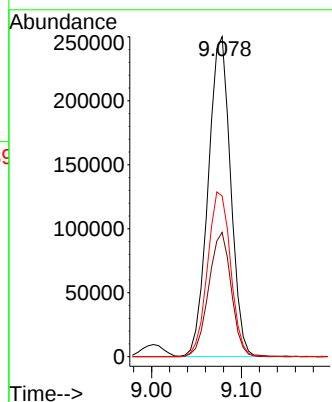
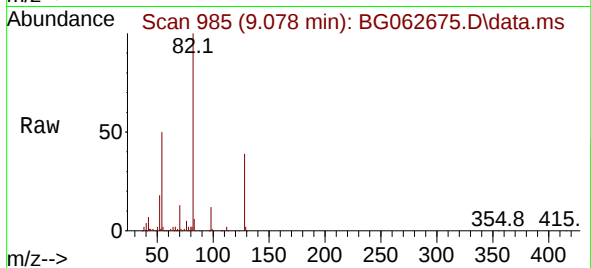
Tgt Ion: 82 Resp: 433465

Ion Ratio Lower Upper

82 100

128 38.9 32.5 48.7

54 50.2 42.5 63.7



#24

Nitrobenzene

Concen: 42.468 ng

RT: 9.120 min Scan# 992

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

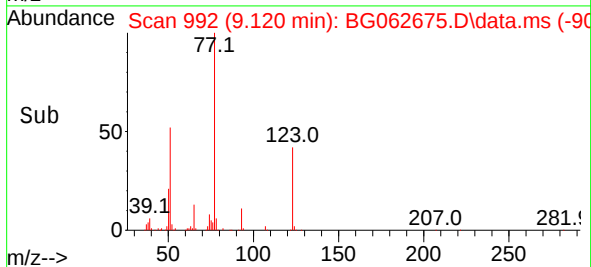
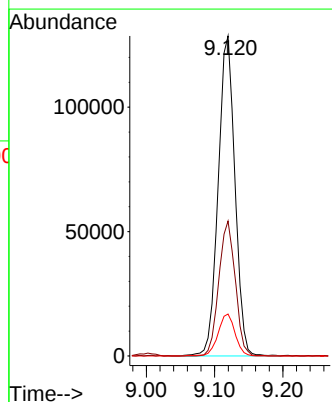
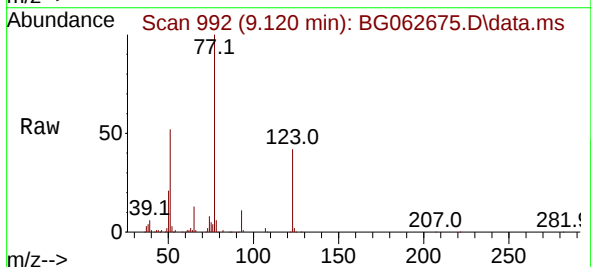
Tgt Ion: 77 Resp: 220090

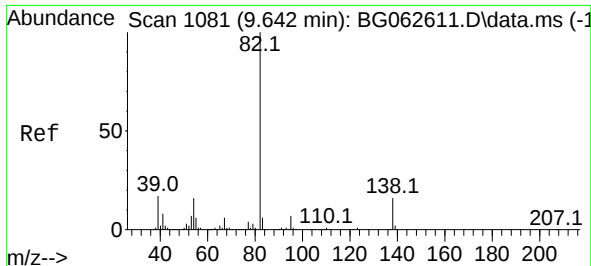
Ion Ratio Lower Upper

77 100

123 42.2 33.1 49.7

65 13.1 11.0 16.4





#25

Isophorone

Concen: 38.656 ng

RT: 9.637 min Scan# 1080

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

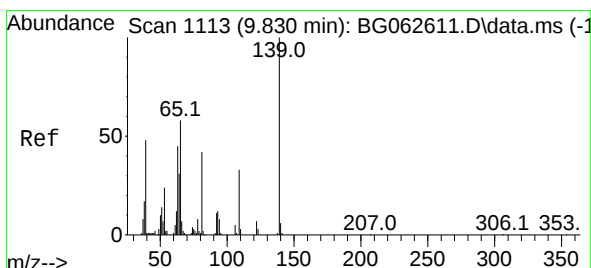
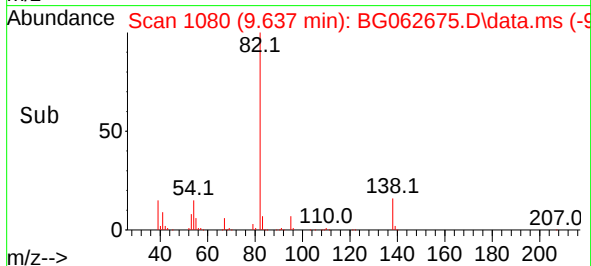
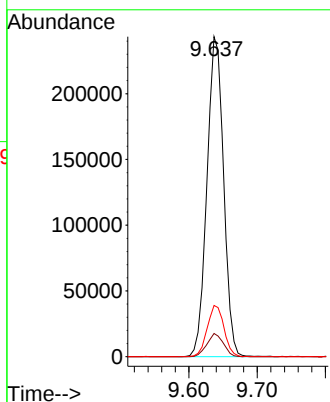
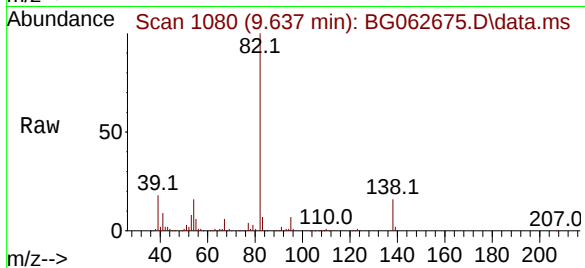
Tgt Ion: 82 Resp: 413596

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.0

138 16.0 12.6 18.8



#26

2-Nitrophenol

Concen: 45.941 ng

RT: 9.831 min Scan# 1113

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

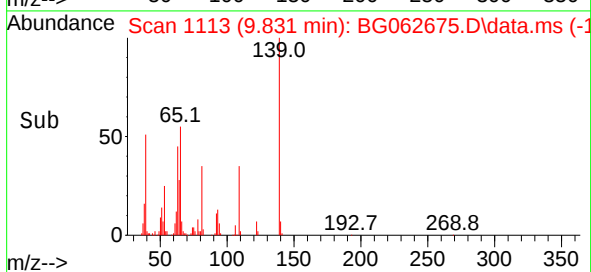
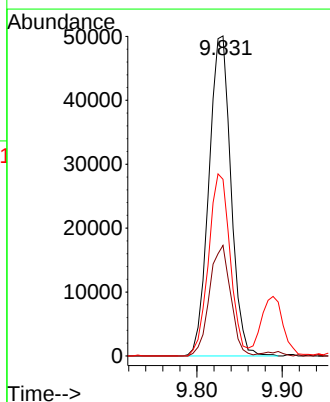
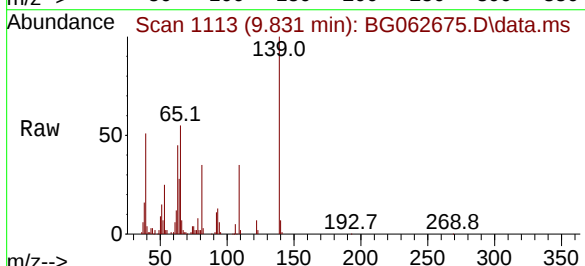
Tgt Ion:139 Resp: 89961

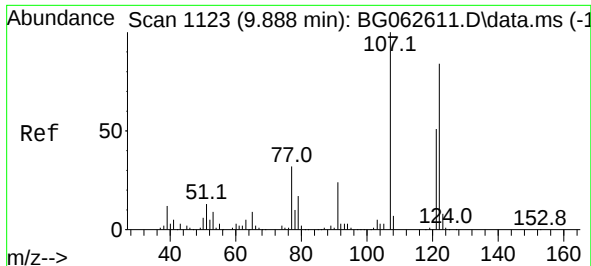
Ion Ratio Lower Upper

139 100

109 34.5 26.6 39.8

65 55.2 46.5 69.7

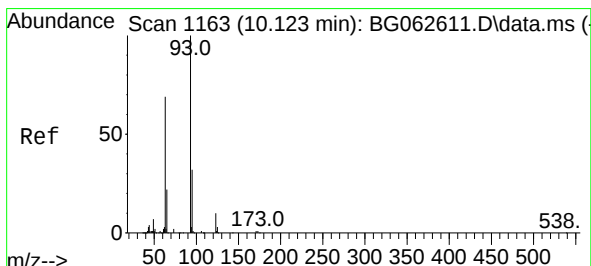
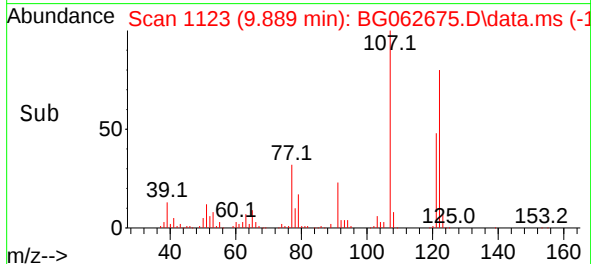
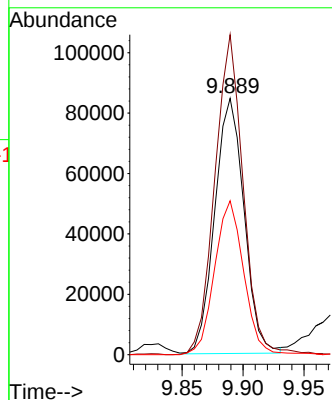
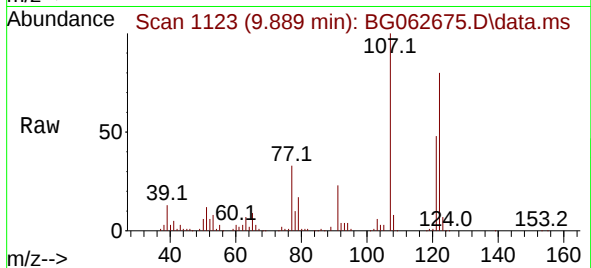




#27
2,4-Dimethylphenol
Concen: 49.302 ng
RT: 9.889 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

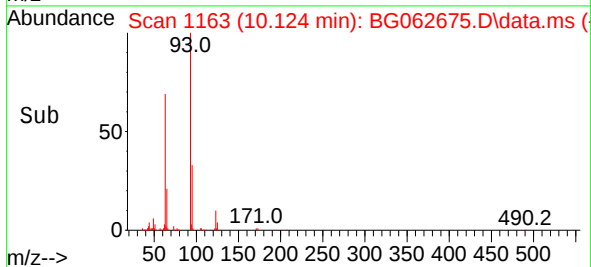
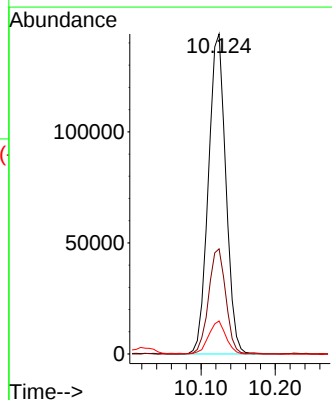
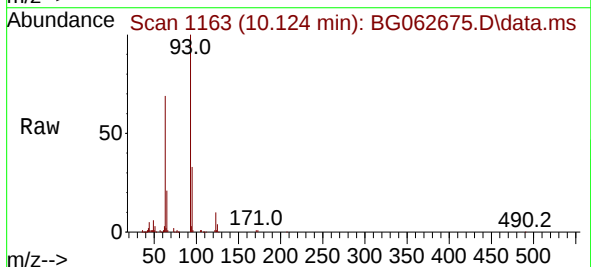
Instrument :
BNA_G
ClientSampleId :
IDOC-01

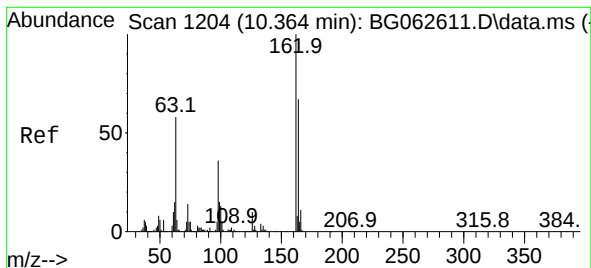
Tgt Ion:122 Resp: 141459
Ion Ratio Lower Upper
122 100
107 124.8 95.8 143.6
121 60.1 48.6 72.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.115 ng
RT: 10.124 min Scan# 1163
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion: 93 Resp: 235494
Ion Ratio Lower Upper
93 100
95 32.8 25.4 38.0
123 10.3 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 48.640 ng

RT: 10.359 min Scan# 1203

Delta R.T. -0.005 min

Lab File: BG062675.D

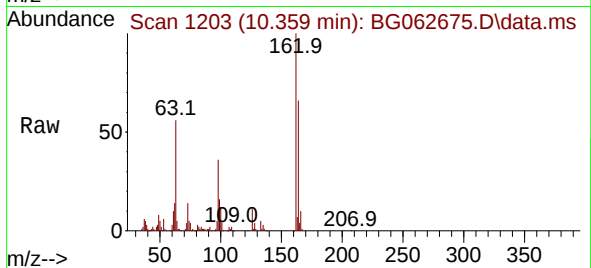
Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01



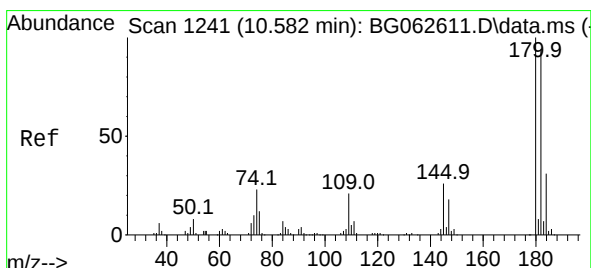
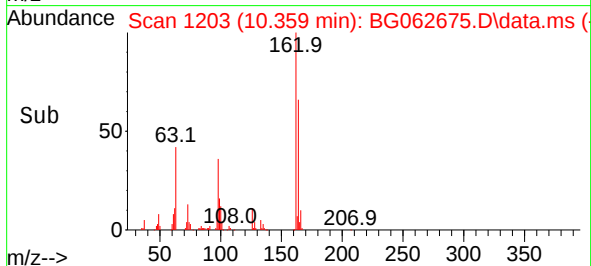
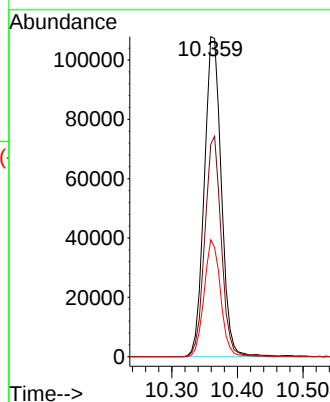
Tgt Ion:162 Resp: 195131

Ion Ratio Lower Upper

162 100

164 66.4 46.8 86.8

98 36.5 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 42.861 ng

RT: 10.577 min Scan# 1240

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

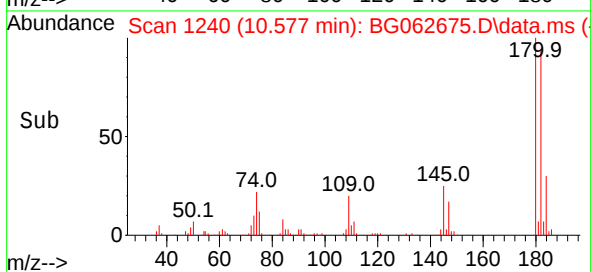
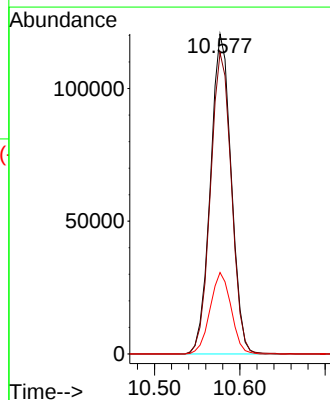
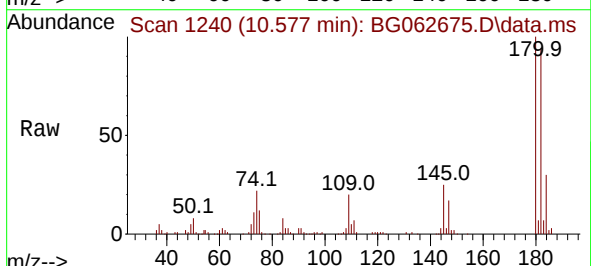
Tgt Ion:180 Resp: 203832

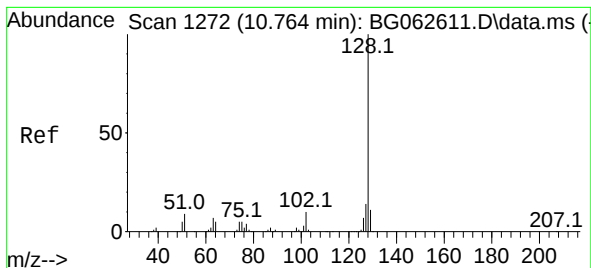
Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 25.4 20.8 31.2





#31

Naphthalene

Concen: 42.434 ng

RT: 10.765 min Scan# 1146

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

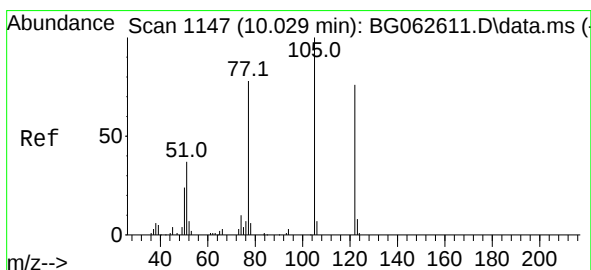
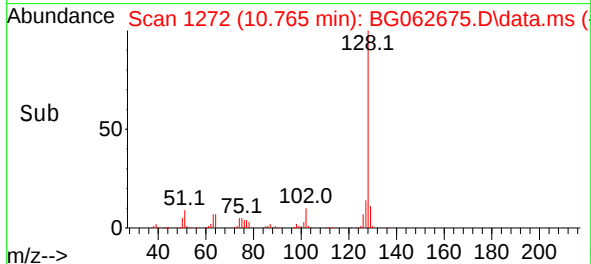
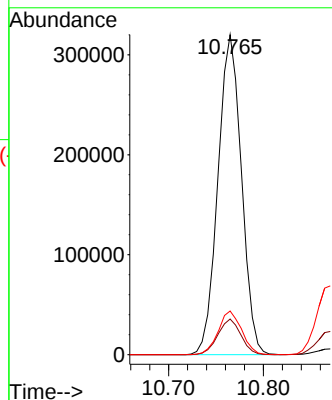
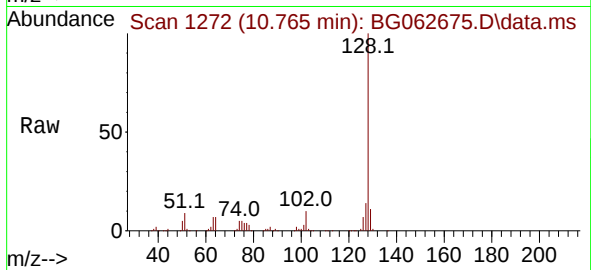
Tgt Ion:128 Resp: 552122

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.7 11.3 16.9



#32

Benzoic acid

Concen: 37.825 ng

RT: 10.024 min Scan# 1146

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

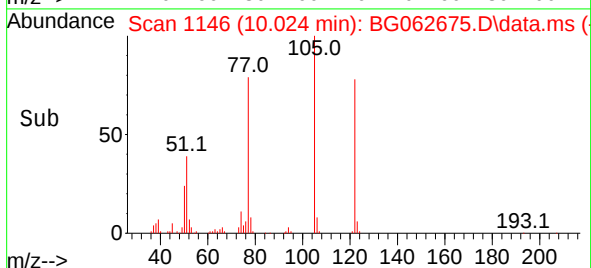
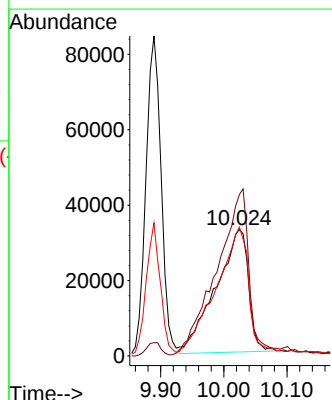
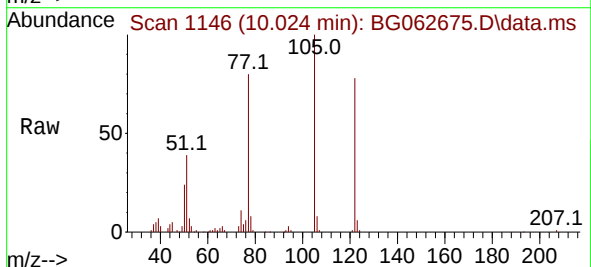
Tgt Ion:122 Resp: 116726

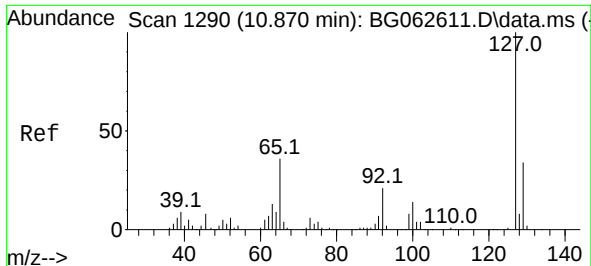
Ion Ratio Lower Upper

122 100

105 127.7 105.7 145.7

77 102.1 79.9 119.9





#33

4-Chloroaniline

Concen: 26.024 ng

RT: 10.871 min Scan# 1290

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

Tgt Ion:127 Resp: 133250

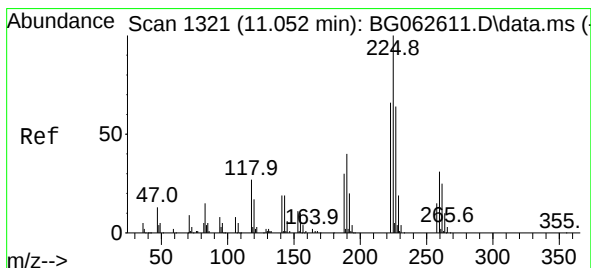
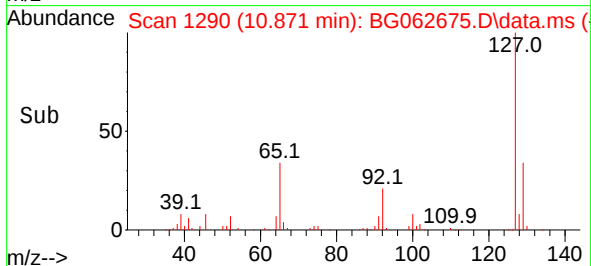
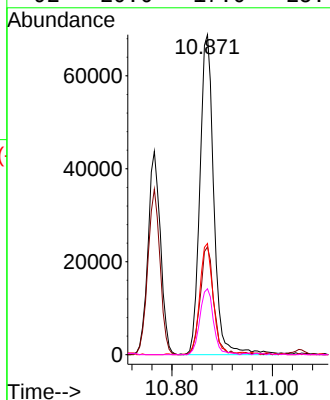
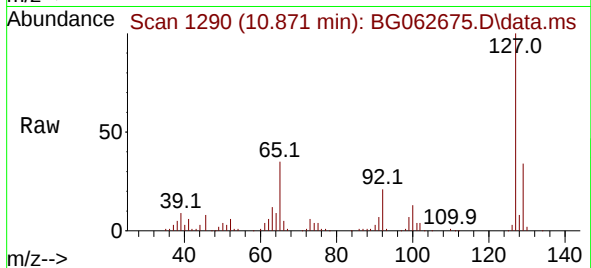
Ion Ratio Lower Upper

127 100

129 33.7 27.3 40.9

65 34.8 29.0 43.4

92 20.6 17.0 25.4



#34

Hexachlorobutadiene

Concen: 42.414 ng

RT: 11.053 min Scan# 1321

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

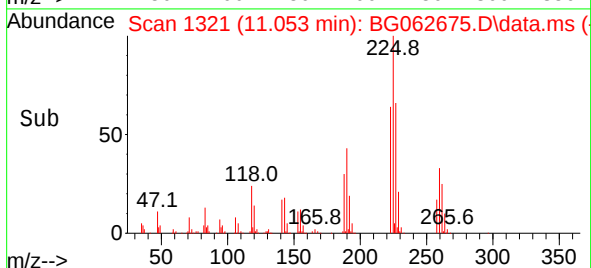
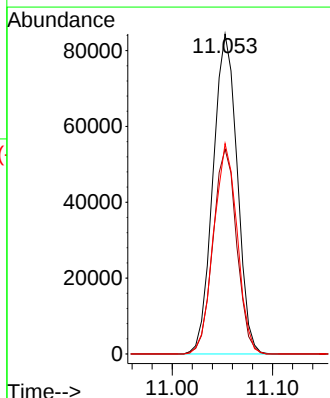
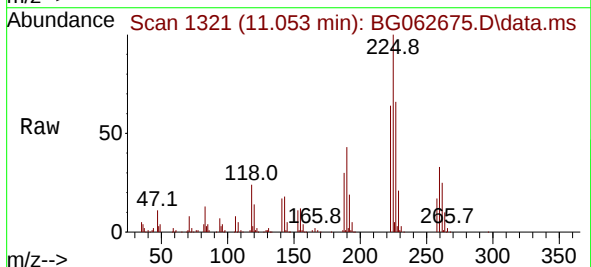
Tgt Ion:225 Resp: 140881

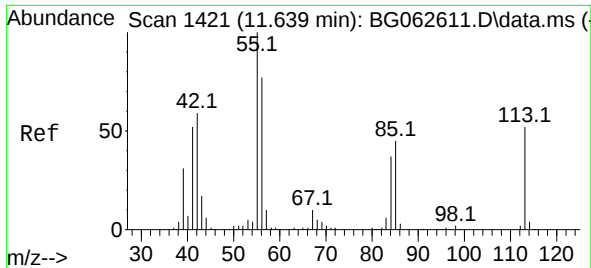
Ion Ratio Lower Upper

225 100

223 64.0 50.1 75.1

227 65.8 48.9 73.3





#35

Caprolactam

Concen: 24.908 ng

RT: 11.634 min Scan# 1421

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

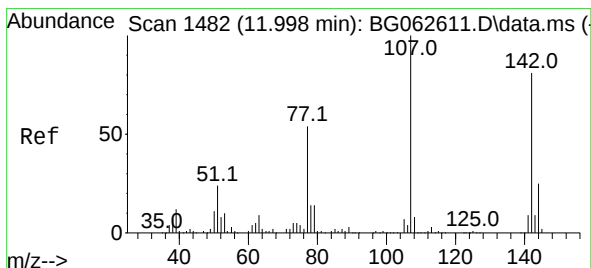
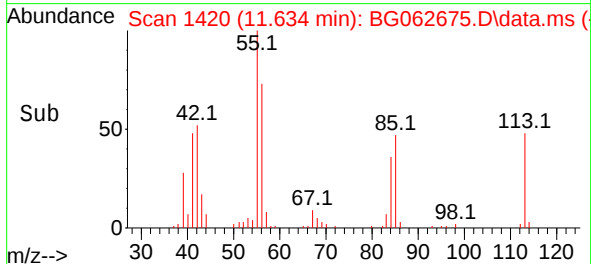
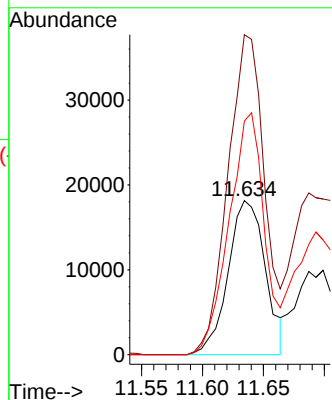
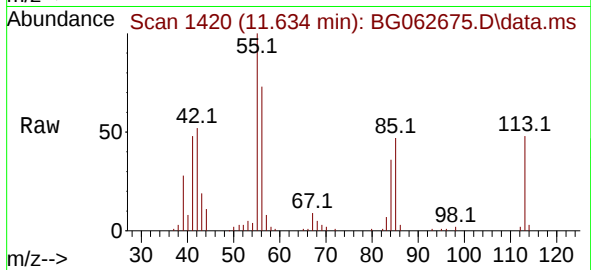
Tgt Ion:113 Resp: 38522

Ion Ratio Lower Upper

113 100

55 207.7 174.1 214.1

56 151.6 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 45.945 ng

RT: 11.993 min Scan# 1481

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

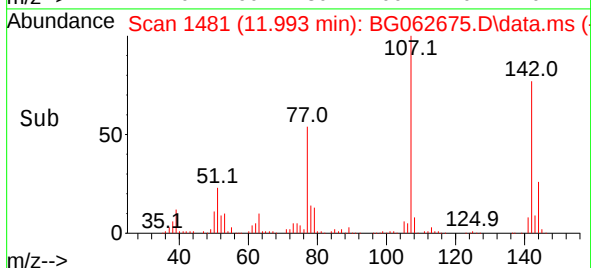
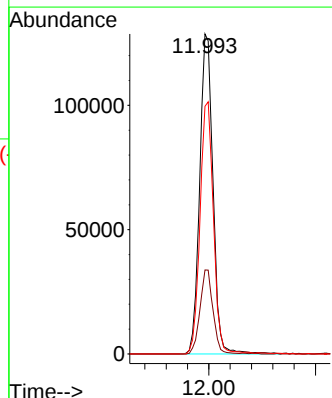
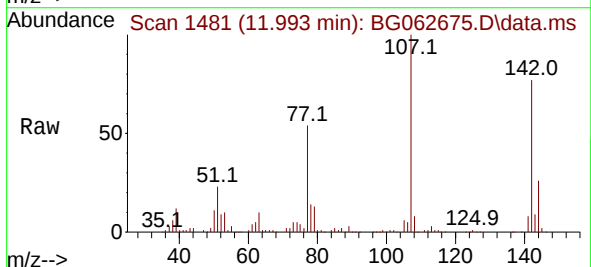
Tgt Ion:107 Resp: 222327

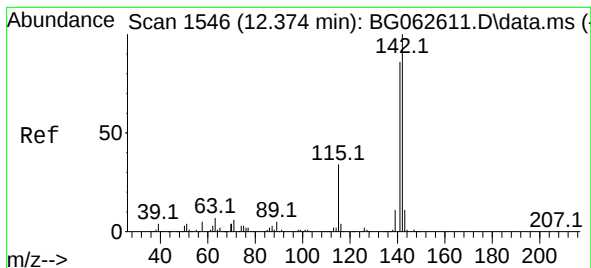
Ion Ratio Lower Upper

107 100

144 26.3 19.8 29.8

142 77.4 64.7 97.1

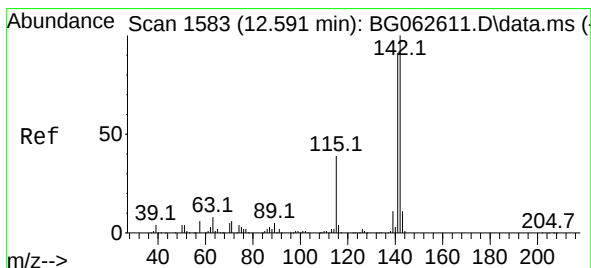
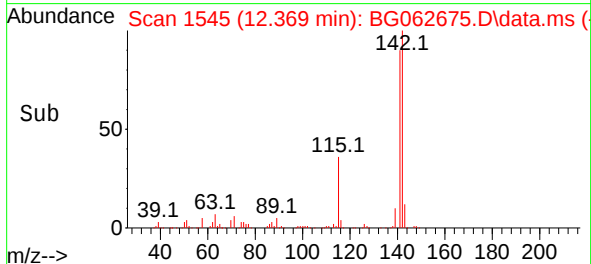
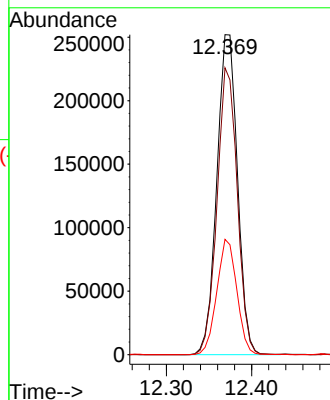
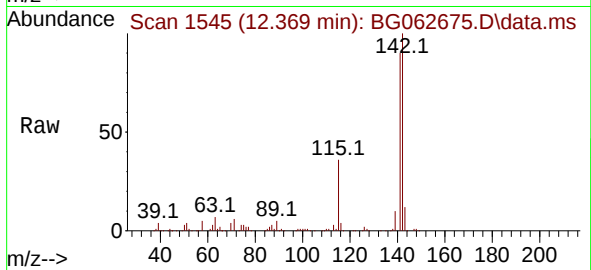




#37
2-Methylnaphthalene
Concen: 42.114 ng
RT: 12.369 min Scan# 1546
Delta R.T. -0.005 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

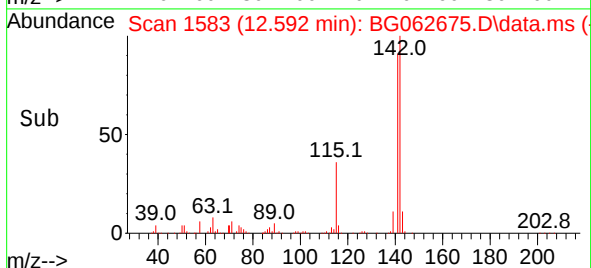
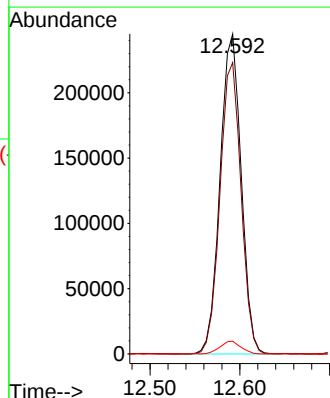
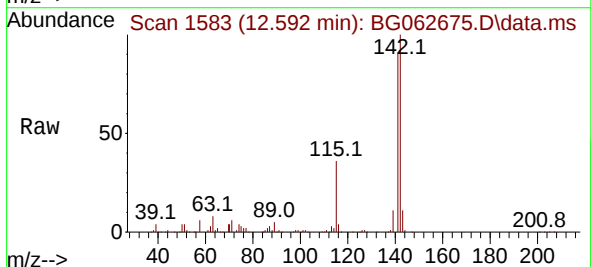
Instrument :
BNA_G
ClientSampleId :
IDOC-01

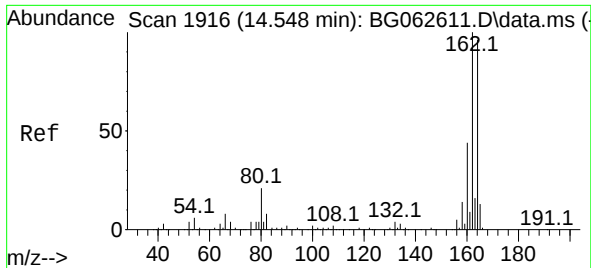
Tgt Ion:142 Resp: 425002
Ion Ratio Lower Upper
142 100
141 89.7 68.9 103.3
115 36.0 27.5 41.3



#38
1-Methylnaphthalene
Concen: 39.439 ng
RT: 12.592 min Scan# 1583
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:142 Resp: 399643
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.549 min Scan# 1916

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

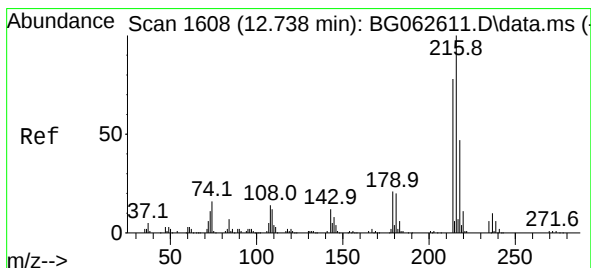
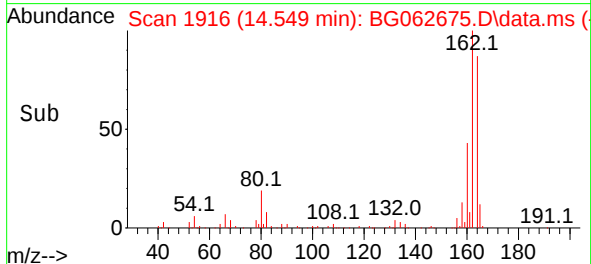
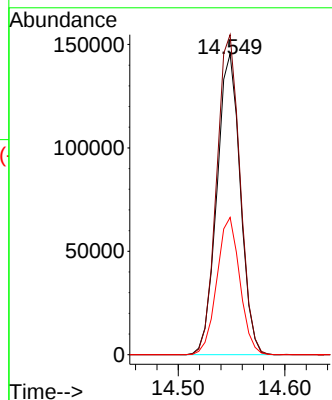
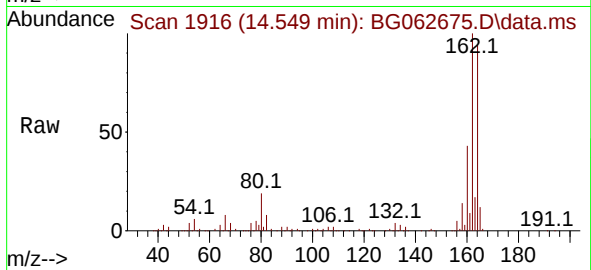
Tgt Ion:164 Resp: 221515

Ion Ratio Lower Upper

164 100

162 106.4 83.1 124.7

160 45.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.572 ng

RT: 12.739 min Scan# 1608

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Tgt Ion:216 Resp: 283600

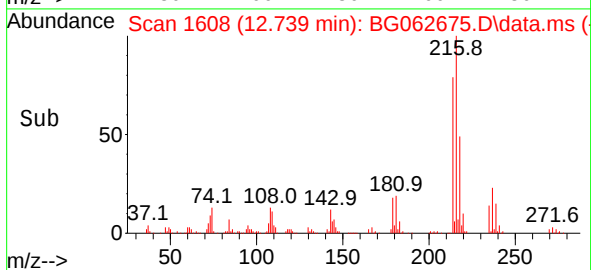
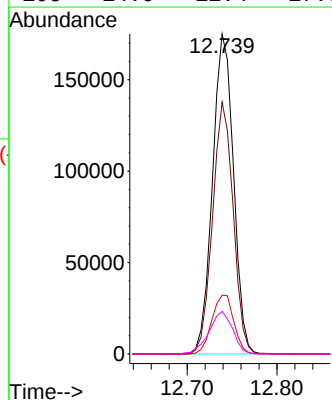
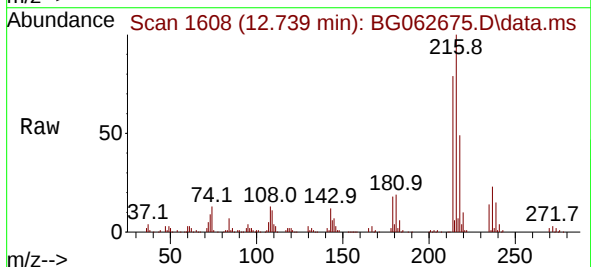
Ion Ratio Lower Upper

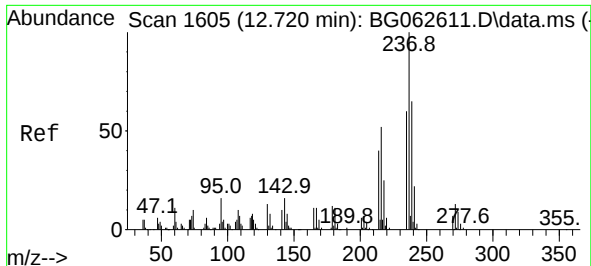
216 100

214 77.3 61.6 92.4

179 19.1 15.9 23.9

108 14.9 11.4 17.0

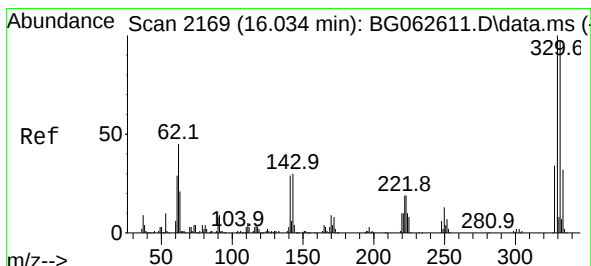
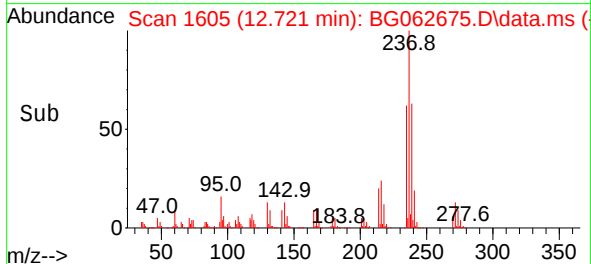
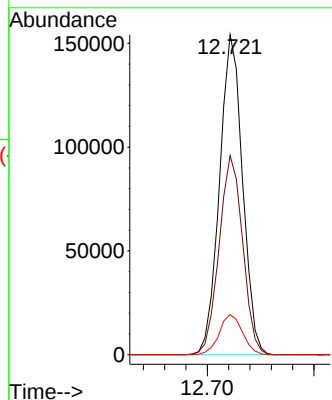
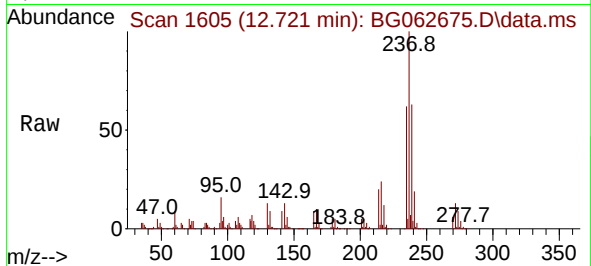




#41
Hexachlorocyclopentadiene
Concen: 121.323 ng
RT: 12.721 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

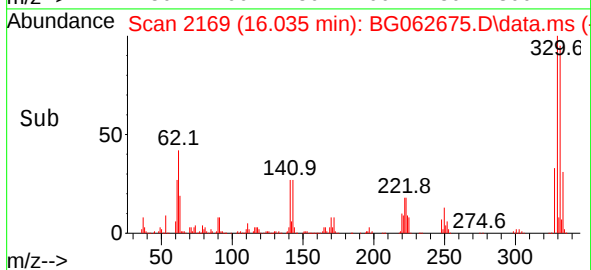
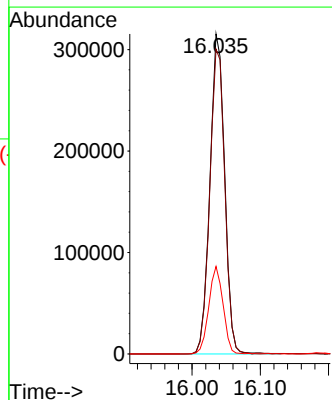
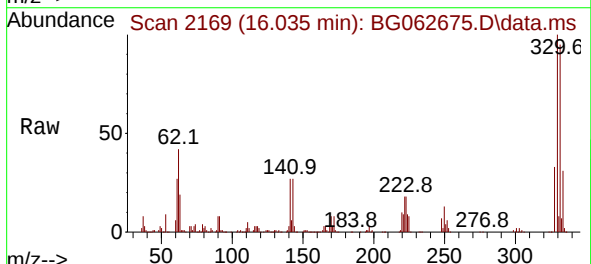
Instrument :
BNA_G
ClientSampleId :
IDOC-01

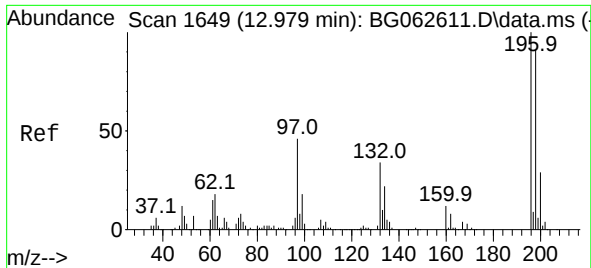
Tgt Ion:237 Resp: 230595
Ion Ratio Lower Upper
237 100
235 62.2 40.4 80.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 152.159 ng
RT: 16.035 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:330 Resp: 474343
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 26.5 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 47.566 ng

RT: 12.980 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

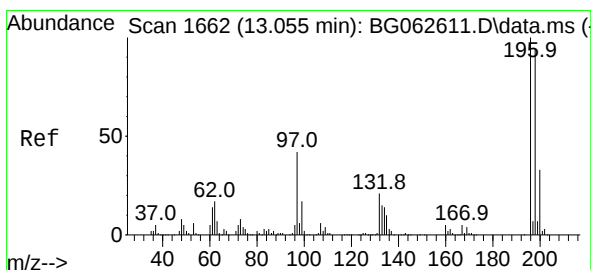
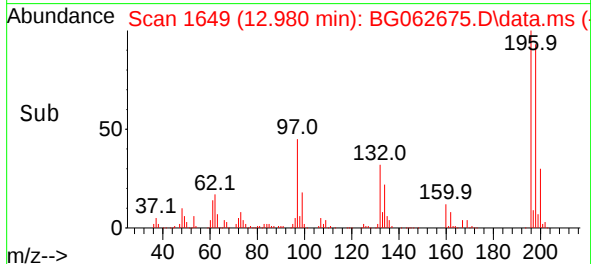
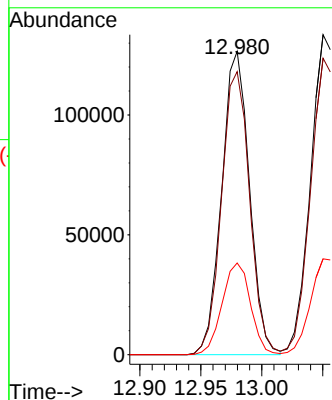
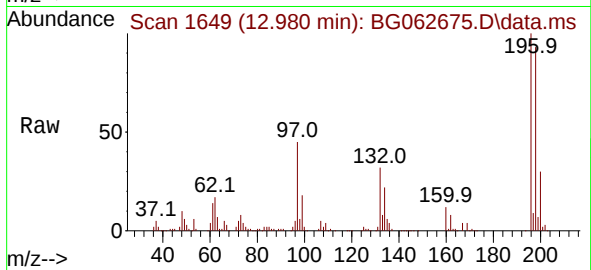
Tgt Ion:196 Resp: 200877

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

200 30.2 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 47.961 ng

RT: 13.050 min Scan# 1661

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Tgt Ion:196 Resp: 229377

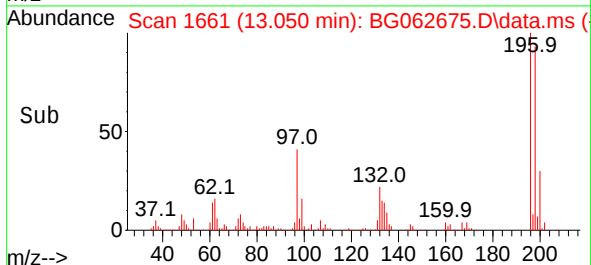
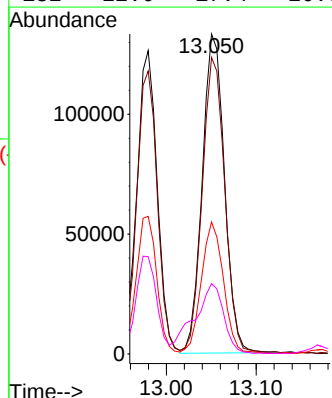
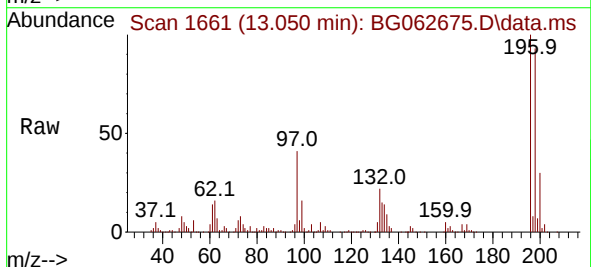
Ion Ratio Lower Upper

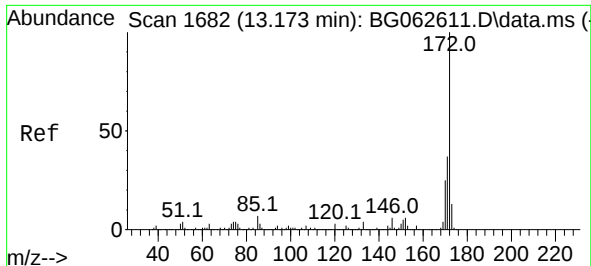
196 100

198 92.7 75.5 113.3

97 41.2 34.1 51.1

132 22.0 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 83.555 ng

RT: 13.168 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

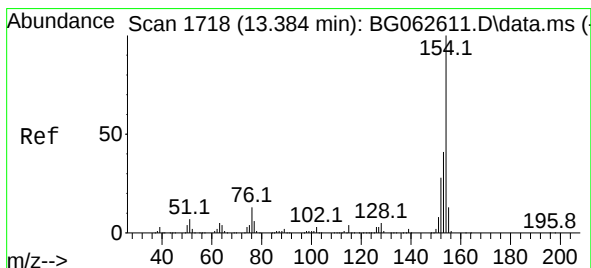
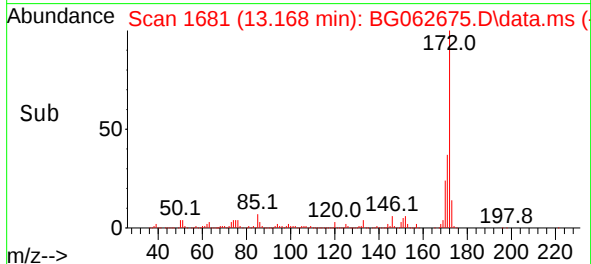
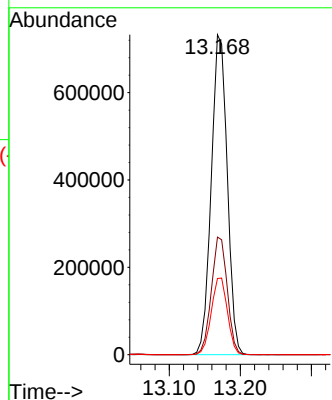
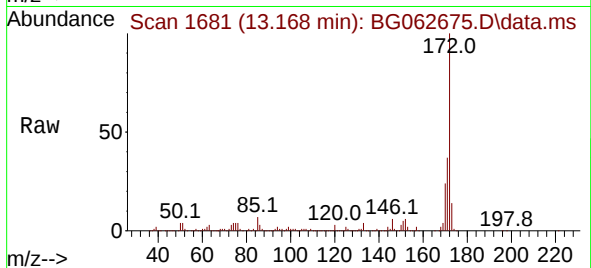
Tgt Ion:172 Resp: 1142659

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 23.8 20.0 30.0



#46

1,1'-Biphenyl

Concen: 41.586 ng

RT: 13.379 min Scan# 1717

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

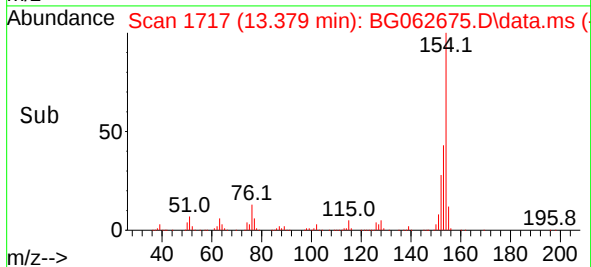
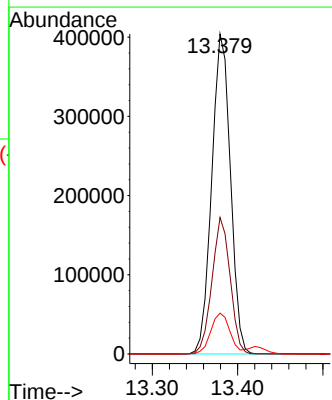
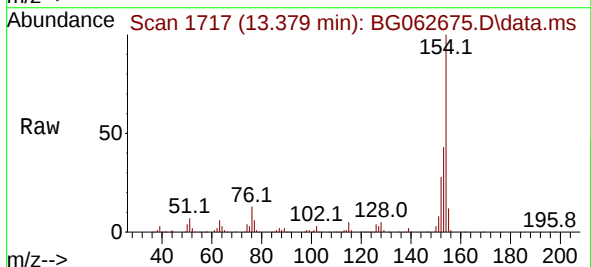
Tgt Ion:154 Resp: 614568

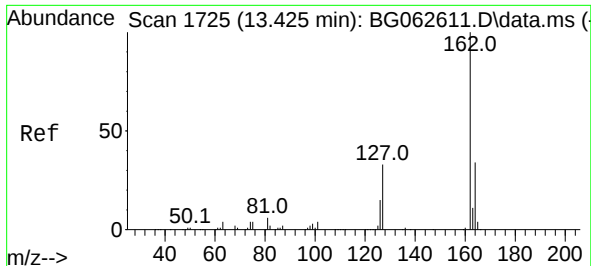
Ion Ratio Lower Upper

154 100

153 42.7 20.8 60.8

76 12.8 0.0 33.4





#47

2-Chloronaphthalene

Concen: 41.998 ng

RT: 13.420 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

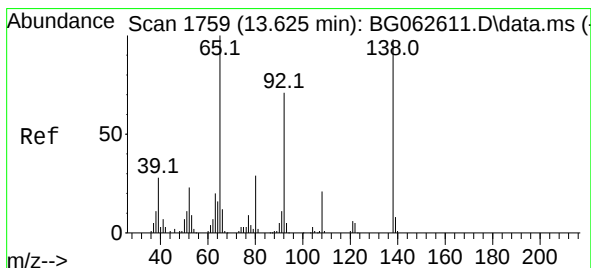
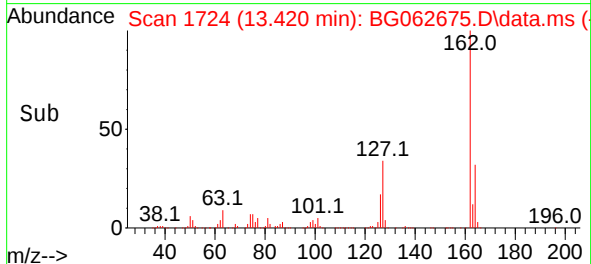
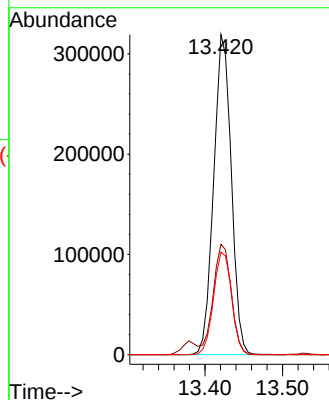
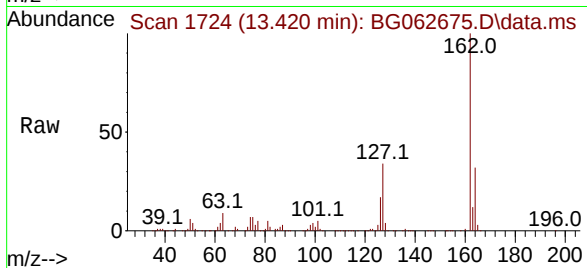
Tgt Ion:162 Resp: 503005

Ion Ratio Lower Upper

162 100

127 34.5 28.7 43.1

164 32.0 26.9 40.3



#48

2-Nitroaniline

Concen: 52.493 ng

RT: 13.626 min Scan# 1759

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

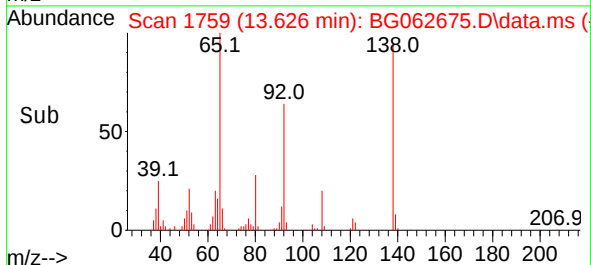
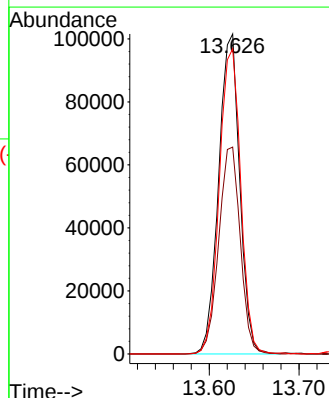
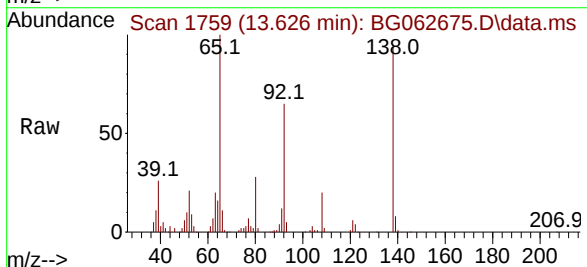
Tgt Ion: 65 Resp: 165359

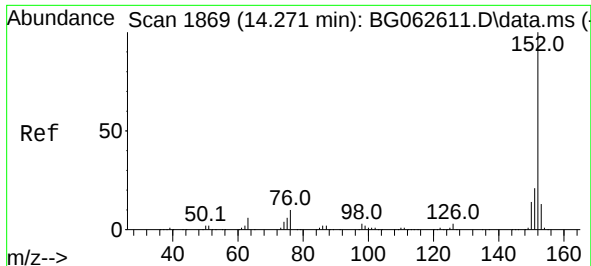
Ion Ratio Lower Upper

65 100

92 64.7 56.6 84.8

138 95.4 78.7 118.1





#49

Acenaphthylene

Concen: 46.950 ng

RT: 14.272 min Scan# 1869

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

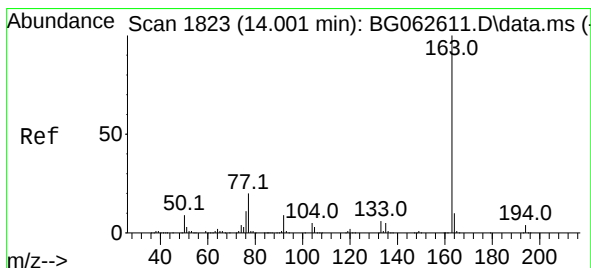
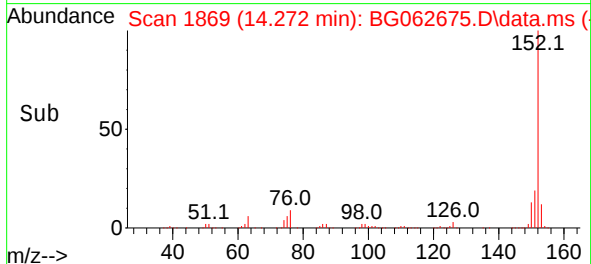
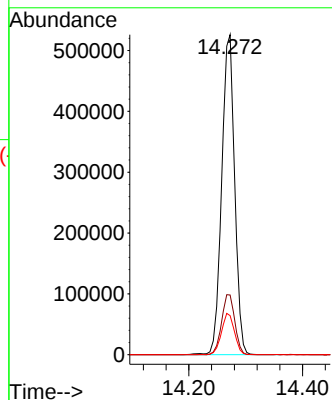
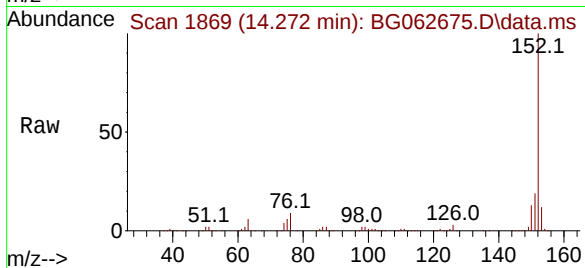
Tgt Ion:152 Resp: 832729

Ion Ratio Lower Upper

152 100

151 18.6 16.6 24.8

153 12.2 10.2 15.4



#50

Dimethylphthalate

Concen: 44.010 ng

RT: 14.002 min Scan# 1823

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

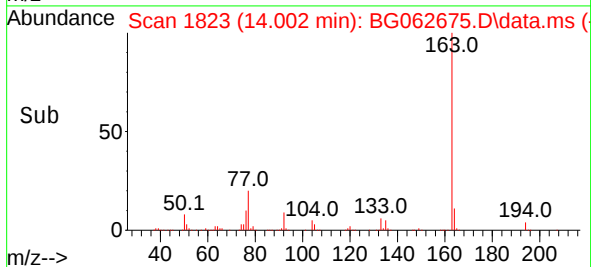
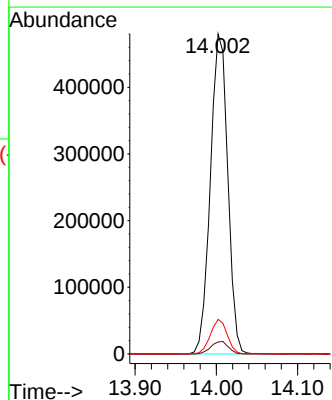
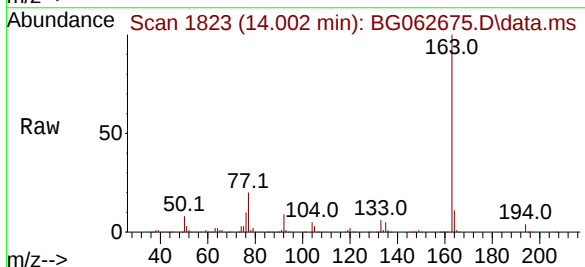
Tgt Ion:163 Resp: 712857

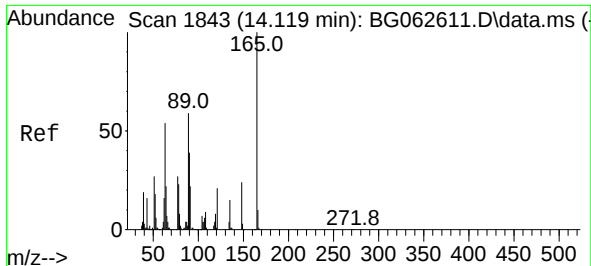
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.8 8.3 12.5

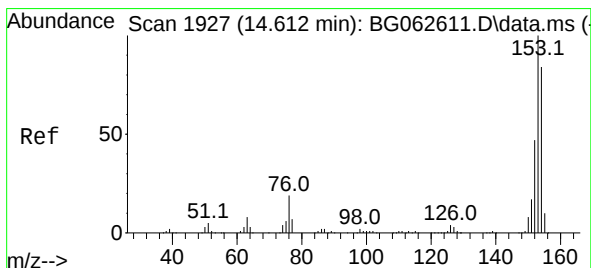
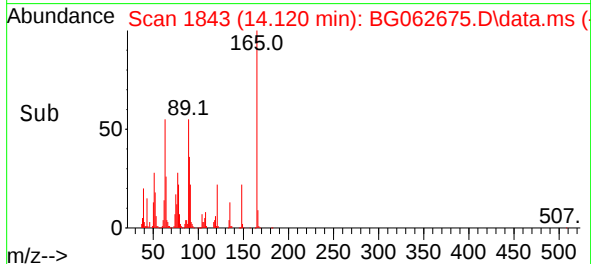
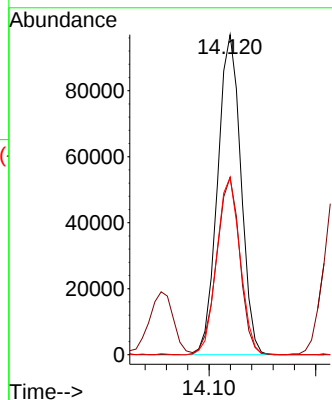
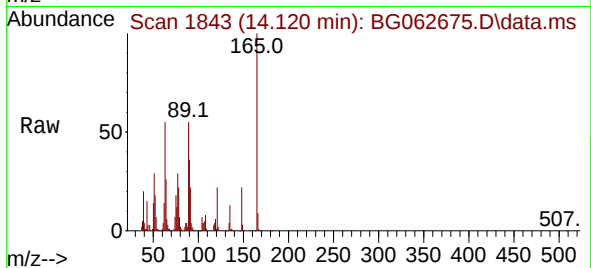




#51
2,6-Dinitrotoluene
Concen: 47.860 ng
RT: 14.120 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

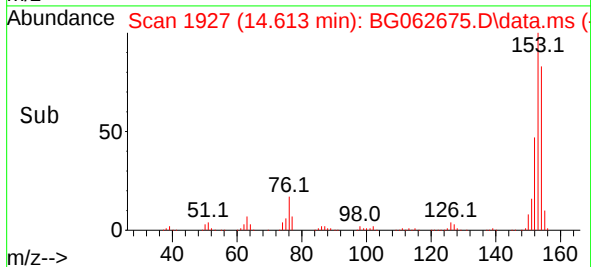
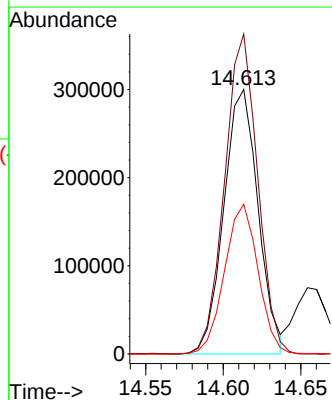
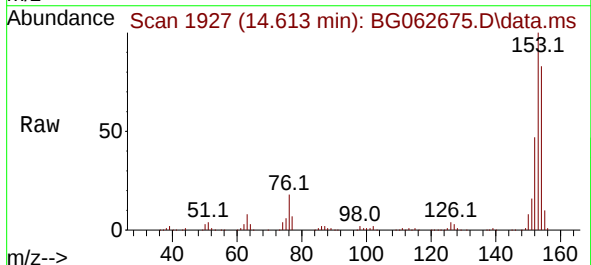
Instrument :
BNA_G
ClientSampleId :
IDOC-01

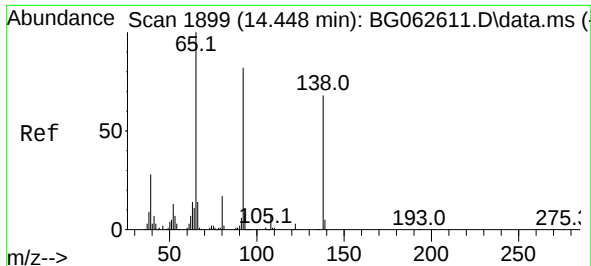
Tgt Ion:165 Resp: 146632
Ion Ratio Lower Upper
165 100
63 55.4 46.6 69.8
89 55.4 47.2 70.8



#52
Acenaphthene
Concen: 41.693 ng
RT: 14.613 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:154 Resp: 462276
Ion Ratio Lower Upper
154 100
153 121.0 95.0 142.4
152 56.7 45.0 67.6

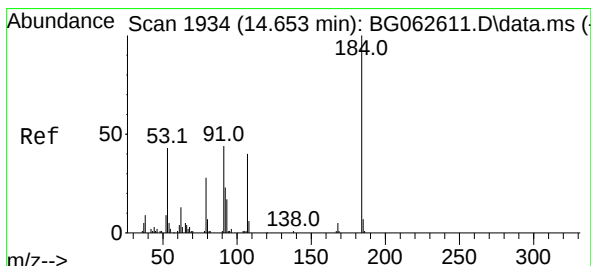
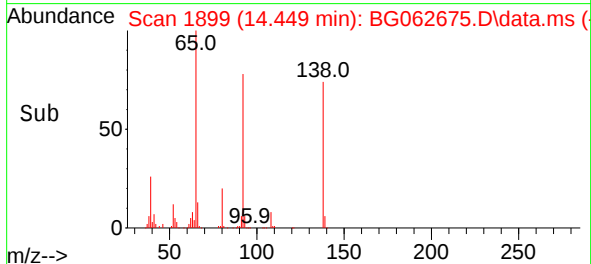
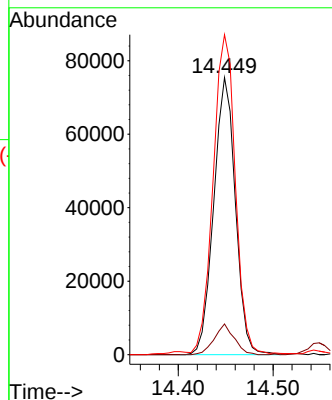
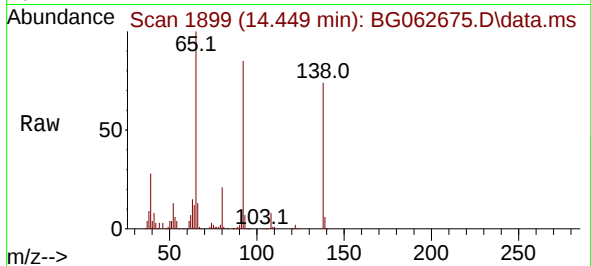




#53
3-Nitroaniline
Concen: 40.376 ng
RT: 14.449 min Scan# 1899
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

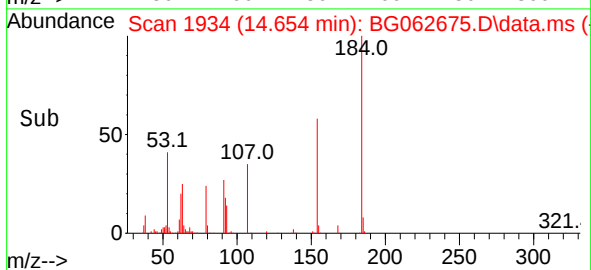
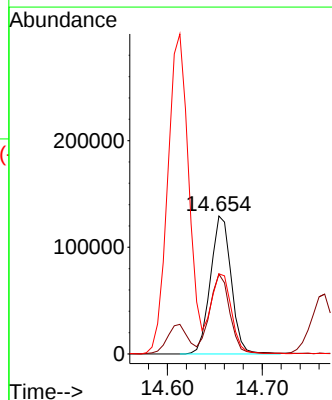
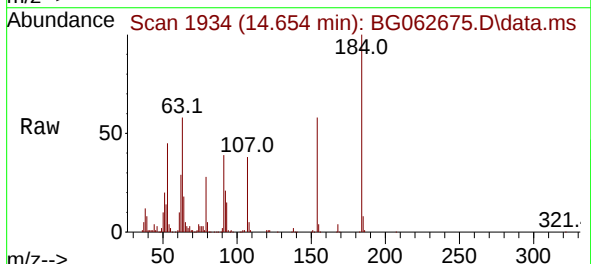
Instrument :
BNA_G
ClientSampleId :
IDOC-01

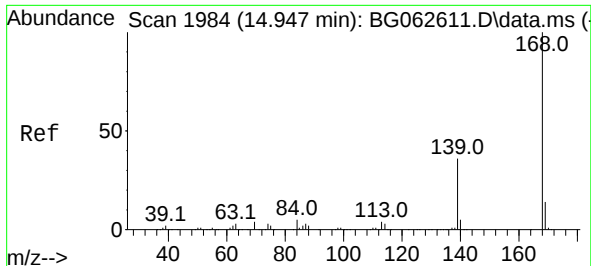
Tgt Ion:138 Resp: 119696
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 115.5 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 114.452 ng
RT: 14.654 min Scan# 1934
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:184 Resp: 196784
Ion Ratio Lower Upper
184 100
63 57.9 49.0 73.4
154 58.1 50.5 75.7

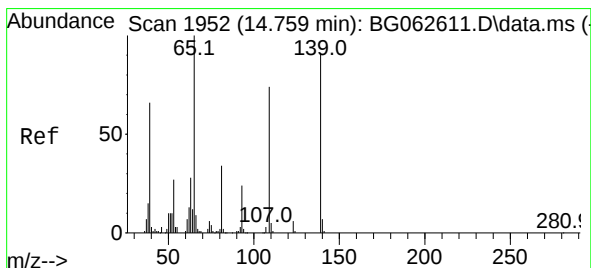
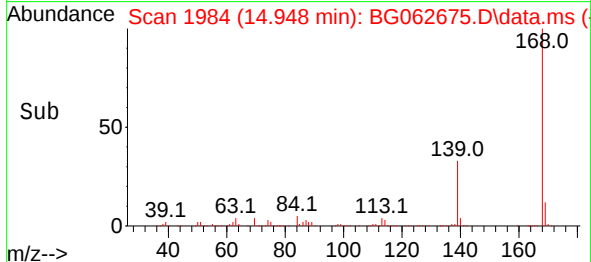
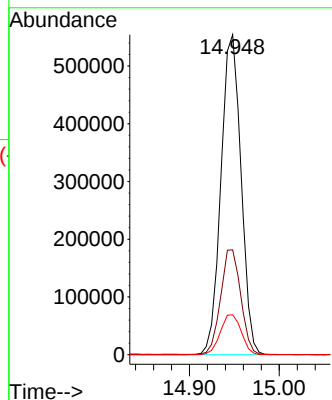
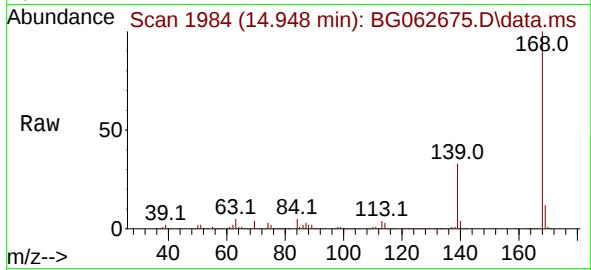




#55
Dibenzenofuran
Concen: 45.194 ng
RT: 14.948 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

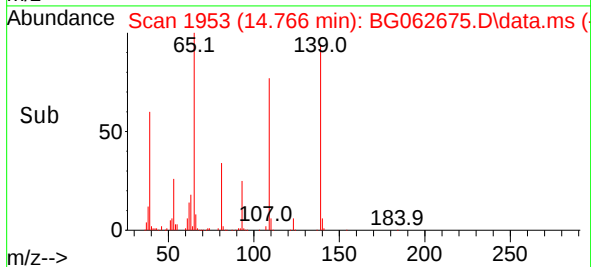
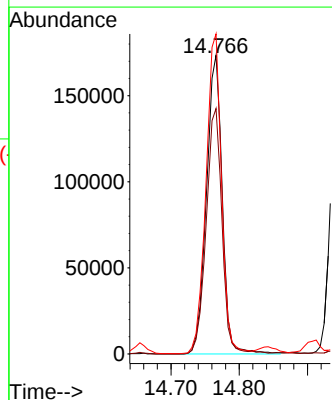
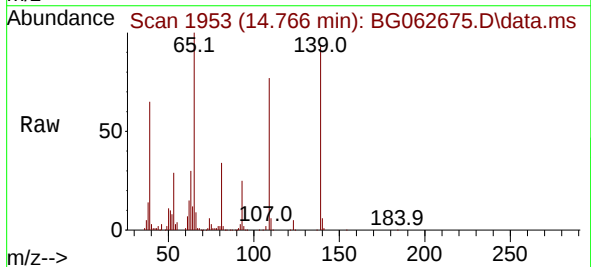
Instrument :
BNA_G
ClientSampleId :
IDOC-01

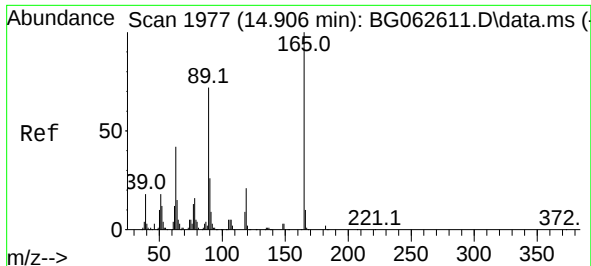
Tgt Ion:168 Resp: 859348
Ion Ratio Lower Upper
168 100
139 32.7 28.6 42.8
169 12.4 11.0 16.6



#56
4-Nitrophenol
Concen: 111.138 ng
RT: 14.766 min Scan# 1953
Delta R.T. 0.007 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:139 Resp: 279221
Ion Ratio Lower Upper
139 100
109 82.2 61.2 101.2
65 107.1 90.2 130.2

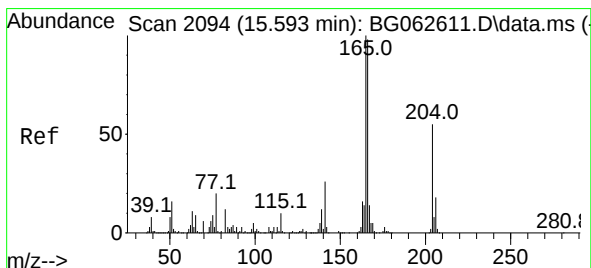
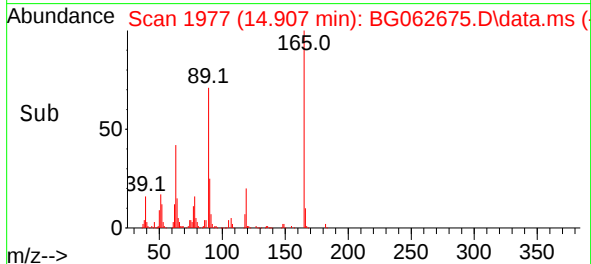
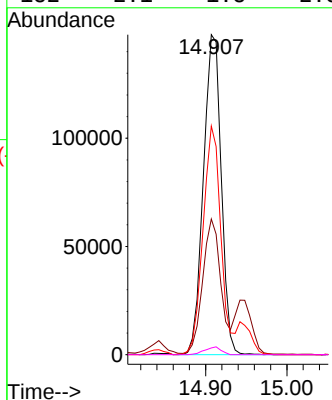
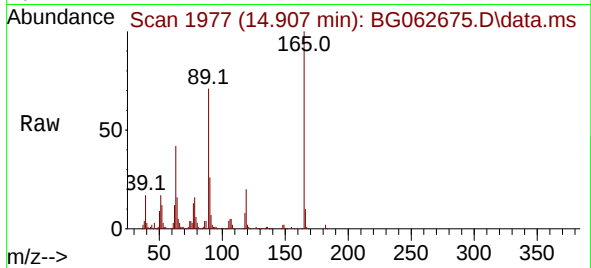




#57
2,4-Dinitrotoluene
Concen: 53.952 ng
RT: 14.907 min Scan# 1977
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

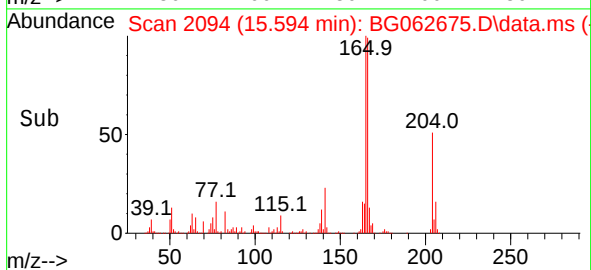
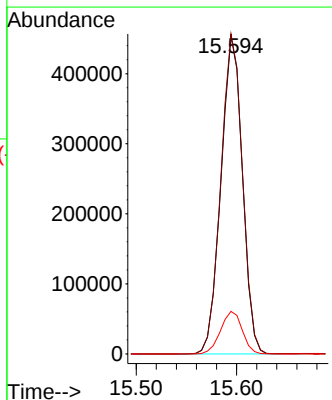
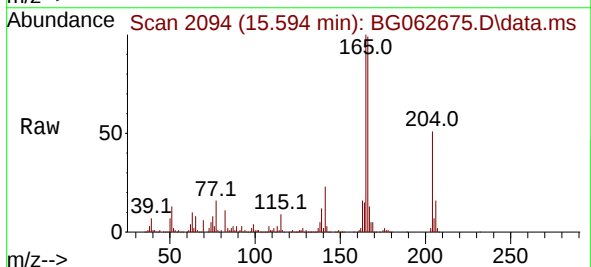
Instrument :
BNA_G
ClientSampleId :
IDOC-01

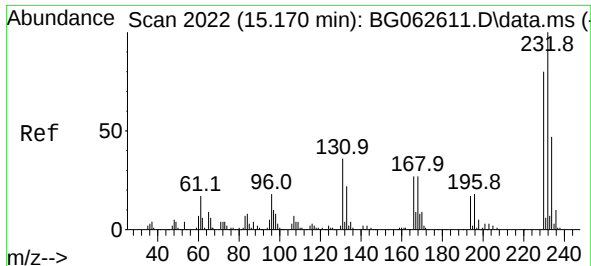
Tgt Ion:165 Resp: 225532
Ion Ratio Lower Upper
165 100
63 42.4 33.8 50.6
89 71.5 57.9 86.9
182 2.1 1.8 2.8



#58
Fluorene
Concen: 45.083 ng
RT: 15.594 min Scan# 2094
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:166 Resp: 672763
Ion Ratio Lower Upper
166 100
165 100.7 82.0 123.0
167 13.4 11.3 16.9

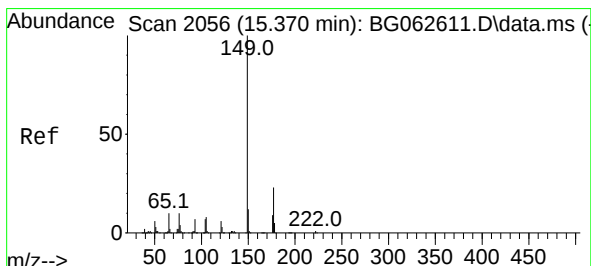
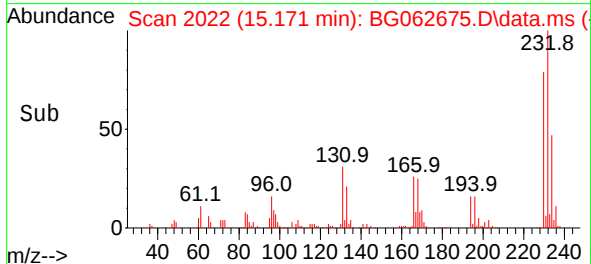
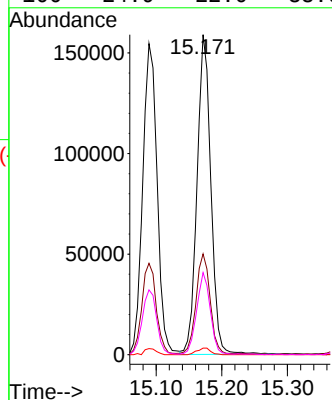
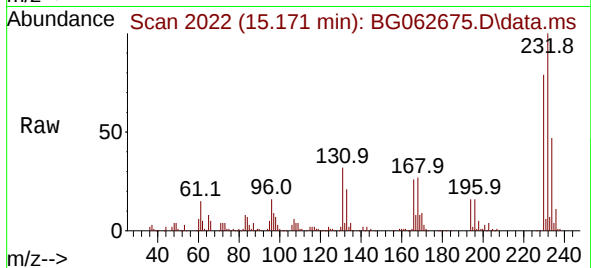




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.492 ng
RT: 15.171 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

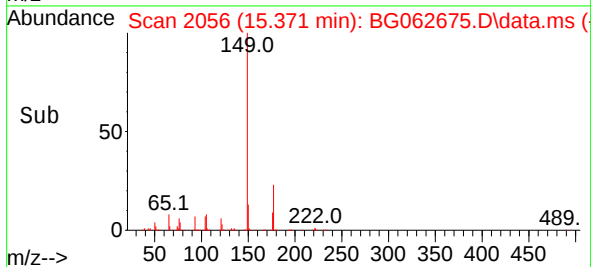
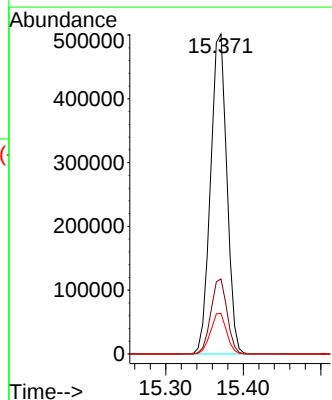
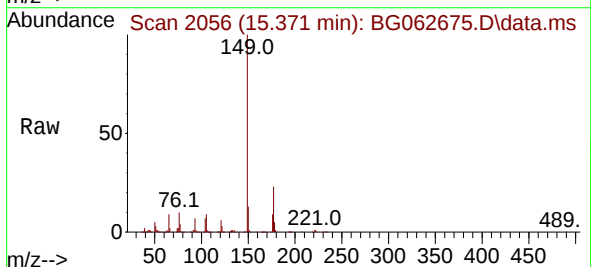
Instrument :
BNA_G
ClientSampleId :
IDOC-01

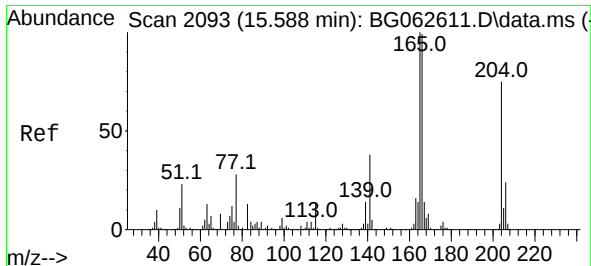
Tgt Ion:232 Resp: 233289
Ion Ratio Lower Upper
232 100
131 31.7 28.3 42.5
130 2.0 1.7 2.5
166 24.9 22.0 33.0



#60
Diethylphthalate
Concen: 45.553 ng
RT: 15.371 min Scan# 2056
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:149 Resp: 731310
Ion Ratio Lower Upper
149 100
177 23.4 18.0 27.0
150 12.7 9.8 14.8

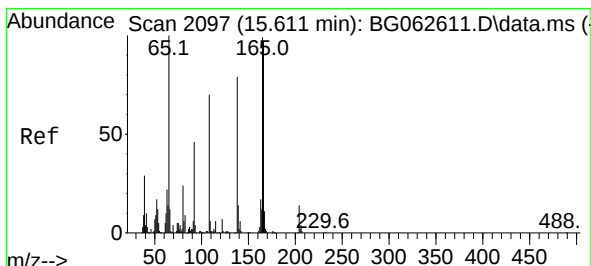
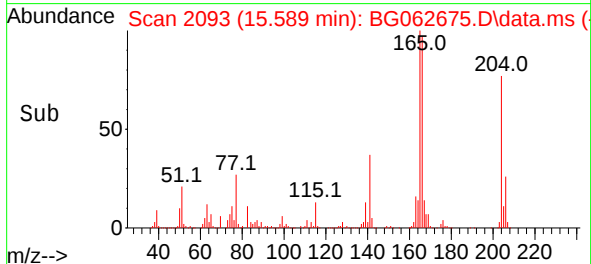
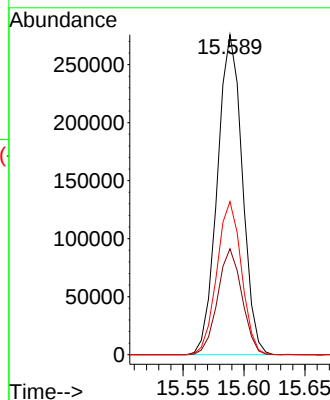
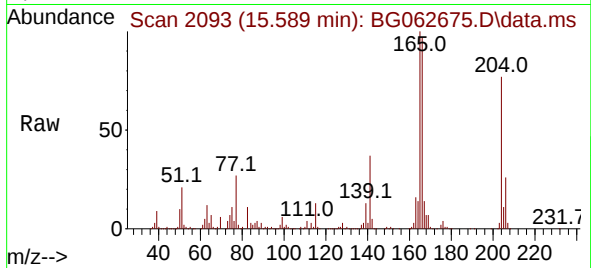




#61
4-Chlorophenyl-phenylether
Concen: 45.823 ng
RT: 15.589 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

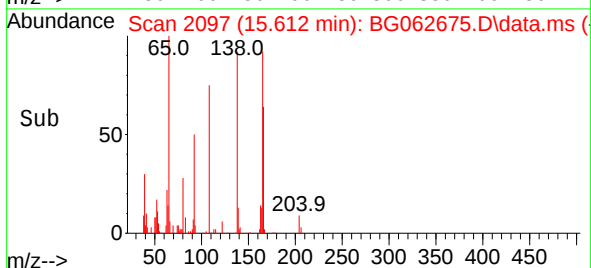
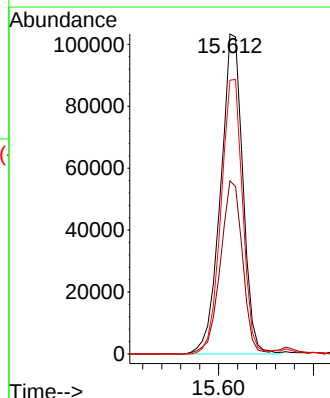
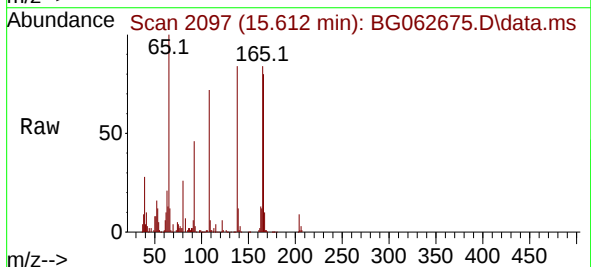
Instrument :
BNA_G
ClientSampleId :
IDOC-01

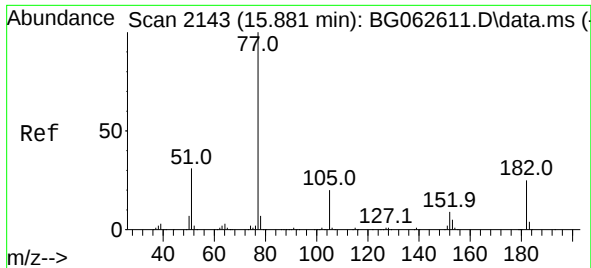
Tgt Ion:204 Resp: 392562
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 47.9 41.0 61.6



#62
4-Nitroaniline
Concen: 51.555 ng
RT: 15.612 min Scan# 2097
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:138 Resp: 168521
Ion Ratio Lower Upper
138 100
92 54.1 38.4 78.4
108 85.5 69.0 109.0

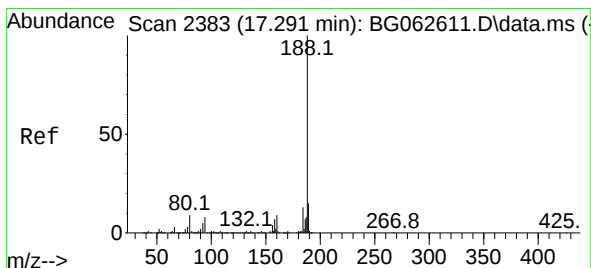
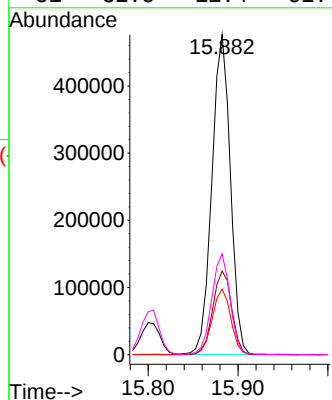
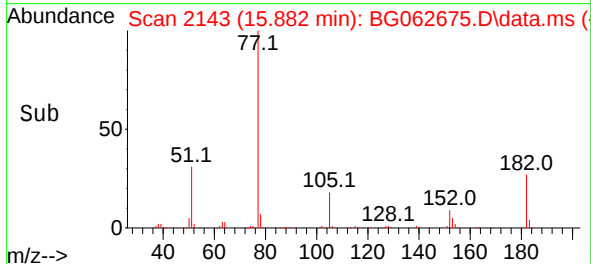
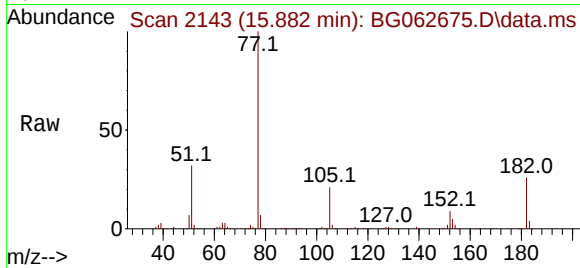




#63
Azobenzene
Concen: 45.110 ng
RT: 15.882 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

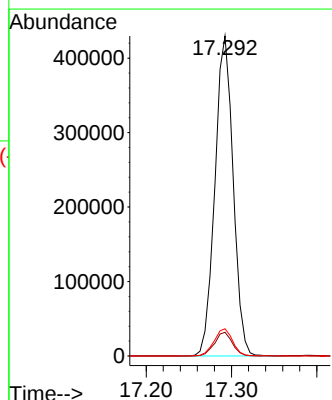
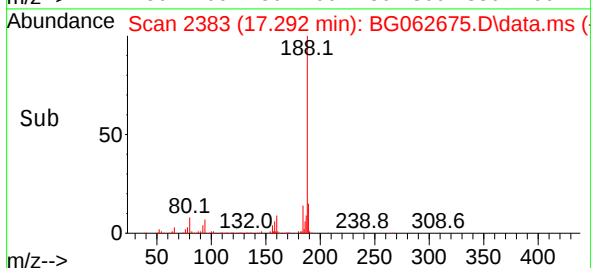
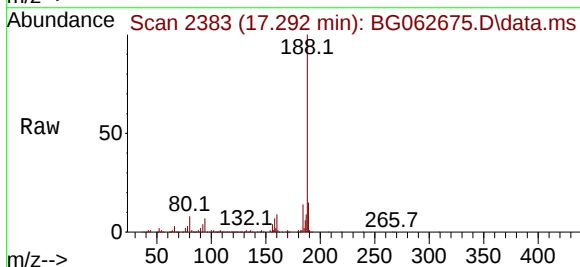
Instrument :
BNA_G
ClientSampleId :
IDOC-01

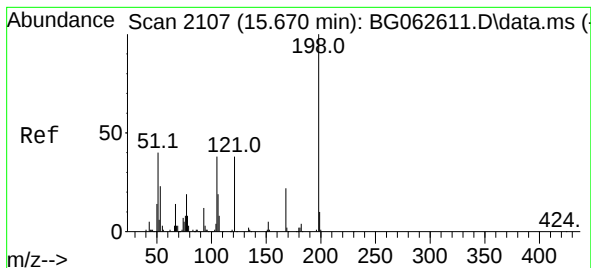
Tgt Ion: 77 Resp: 680030
Ion Ratio Lower Upper
77 100
182 26.1 5.0 45.0
105 20.5 0.5 40.5
51 31.5 11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2383
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:188 Resp: 637483
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.5 7.0 10.4

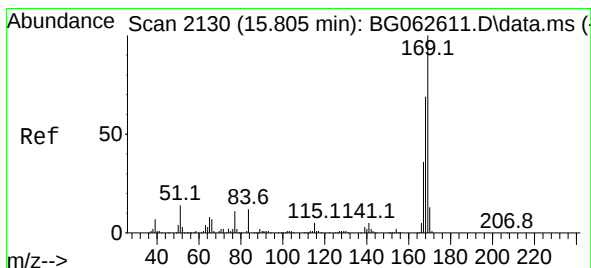
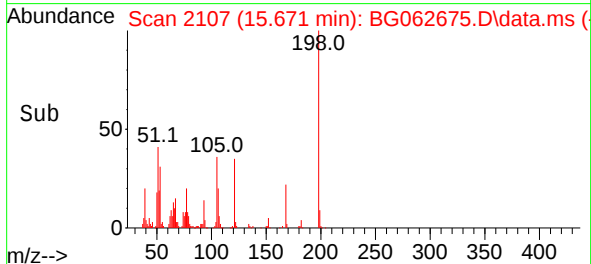
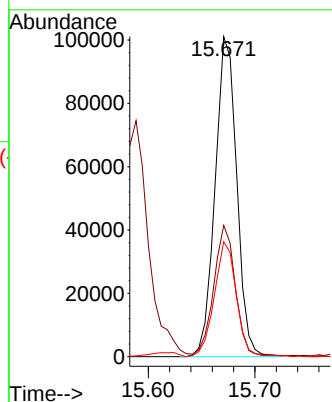
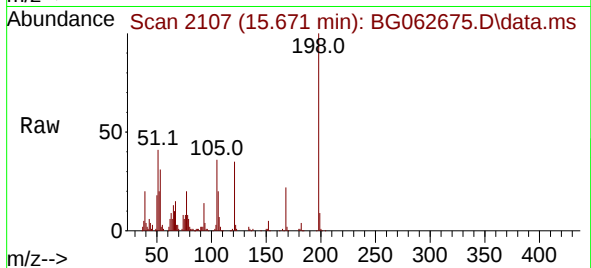




#65
4,6-Dinitro-2-methylphenol
Concen: 49.950 ng
RT: 15.671 min Scan# 2107
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

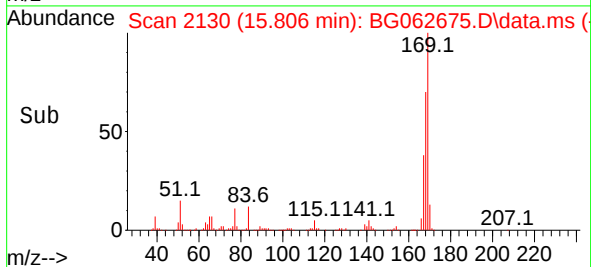
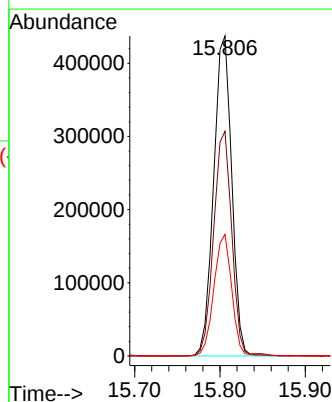
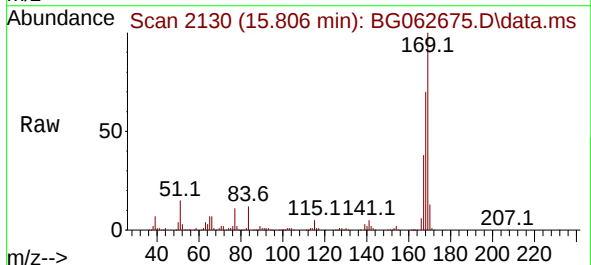
Instrument :
BNA_G
ClientSampleId :
IDOC-01

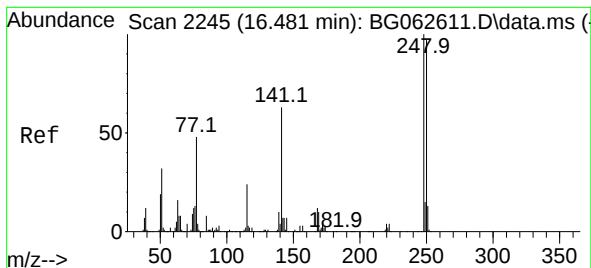
Tgt Ion:198 Resp: 142101
Ion Ratio Lower Upper
198 100
51 41.0 25.1 65.1
105 35.9 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 42.066 ng
RT: 15.806 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:169 Resp: 644731
Ion Ratio Lower Upper
169 100
168 70.2 55.4 83.2
167 38.0 29.0 43.6

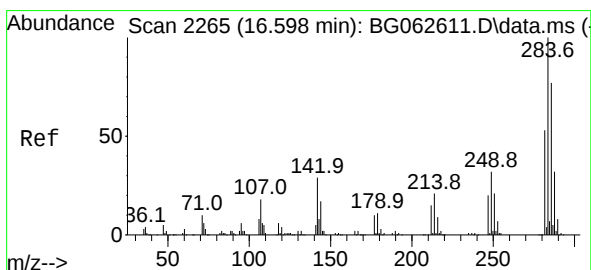
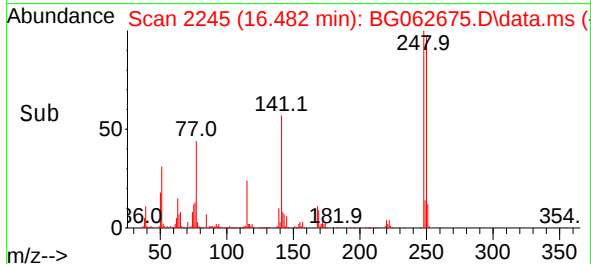
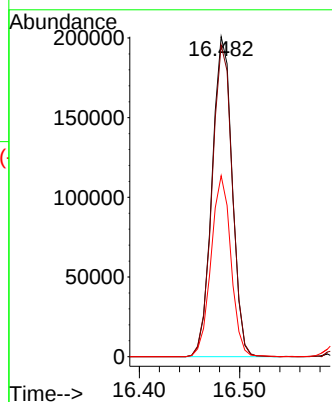
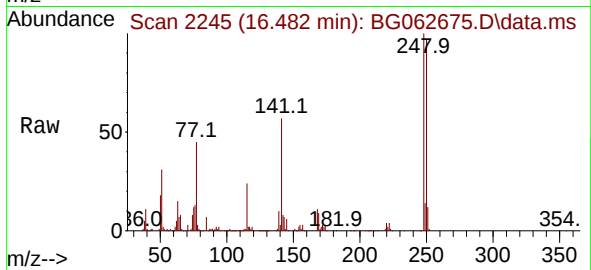




#67
4-Bromophenyl-phenylether
Concen: 42.471 ng
RT: 16.482 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

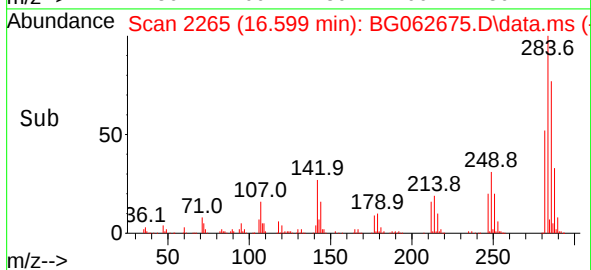
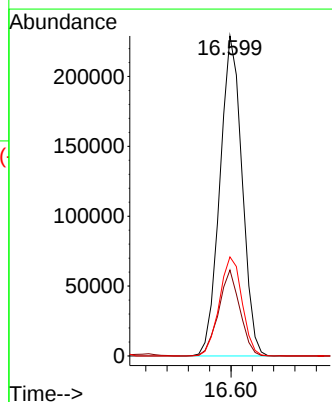
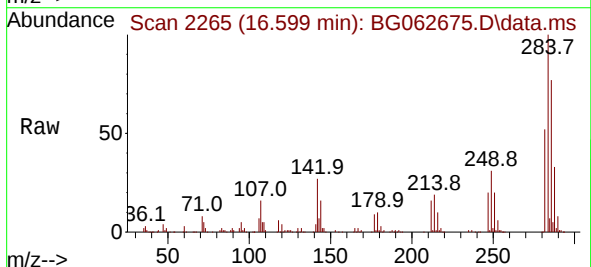
Instrument :
BNA_G
ClientSampleId :
IDOC-01

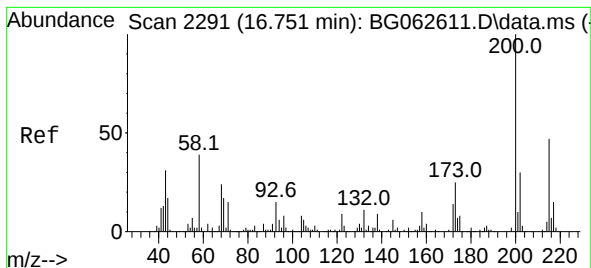
Tgt Ion:248 Resp: 279432
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 56.6 50.2 75.2



#68
Hexachlorobenzene
Concen: 42.359 ng
RT: 16.599 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:284 Resp: 330053
Ion Ratio Lower Upper
284 100
142 26.8 23.5 35.3
249 31.0 25.4 38.0





#69

Atrazine

Concen: 45.307 ng

RT: 16.752 min Scan# 2291

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

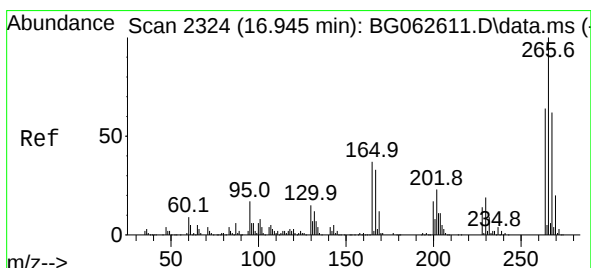
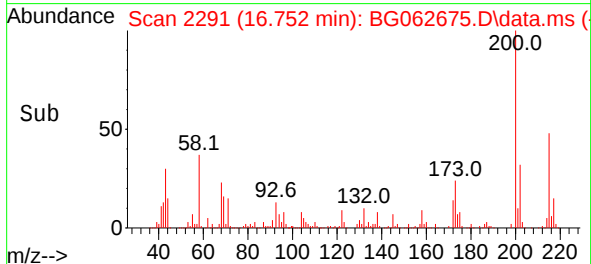
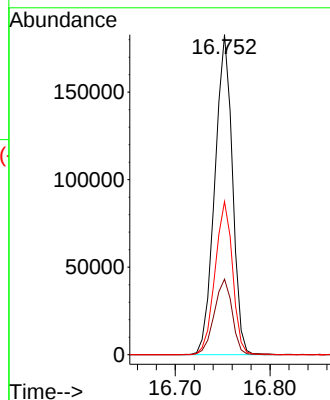
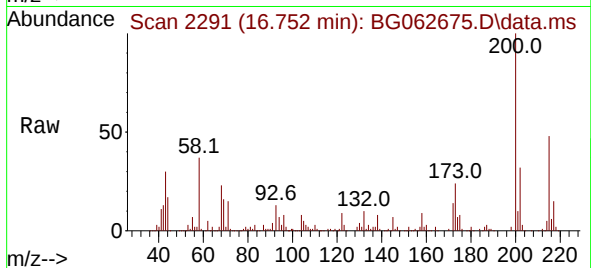
Tgt Ion:200 Resp: 235855

Ion Ratio Lower Upper

200 100

173 23.6 5.2 45.2

215 47.8 27.3 67.3



#70

Pentachlorophenol

Concen: 85.268 ng

RT: 16.946 min Scan# 2324

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

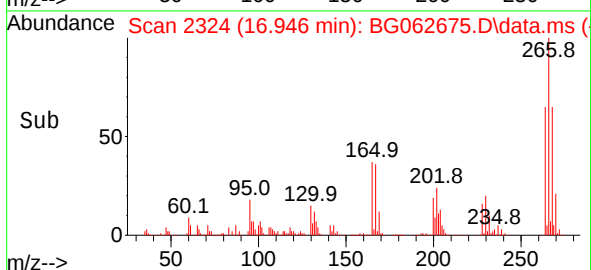
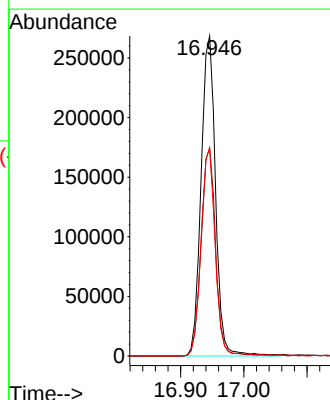
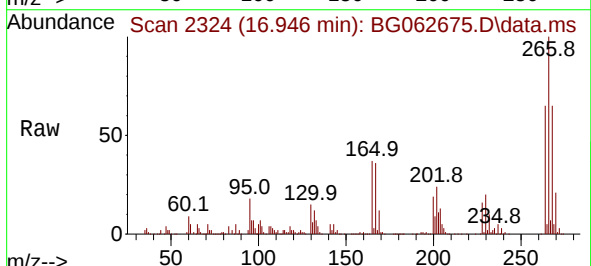
Tgt Ion:266 Resp: 425530

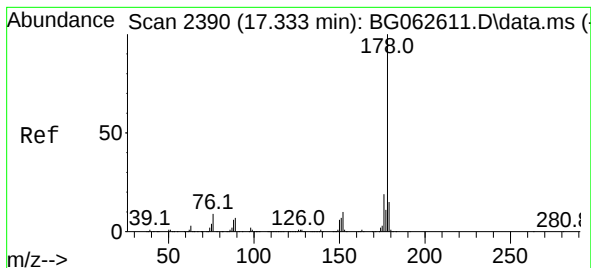
Ion Ratio Lower Upper

266 100

268 69.6 52.6 79.0

264 65.0 51.6 77.4





#71

Phenanthrene

Concen: 43.678 ng

RT: 17.334 min Scan# 2405

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

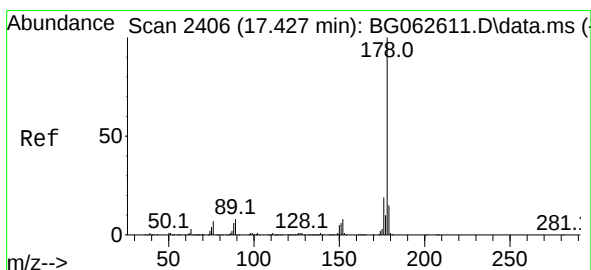
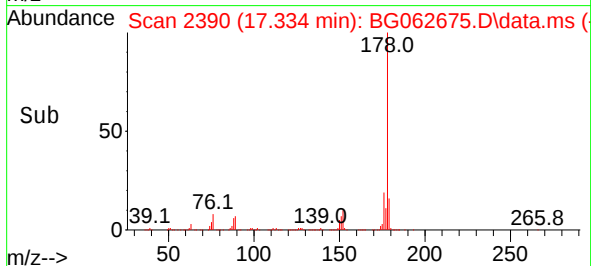
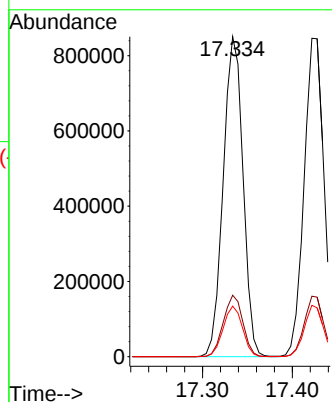
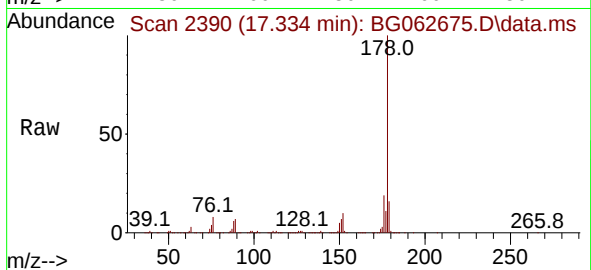
Tgt Ion:178 Resp: 1299631

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.8 12.2 18.4



#72

Anthracene

Concen: 44.437 ng

RT: 17.422 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

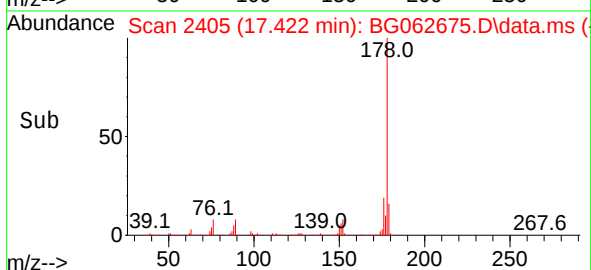
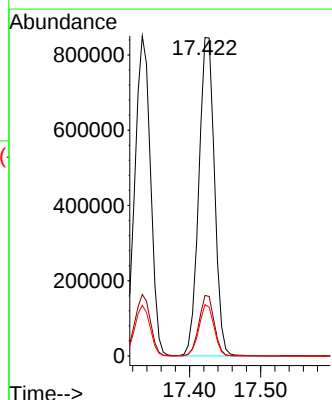
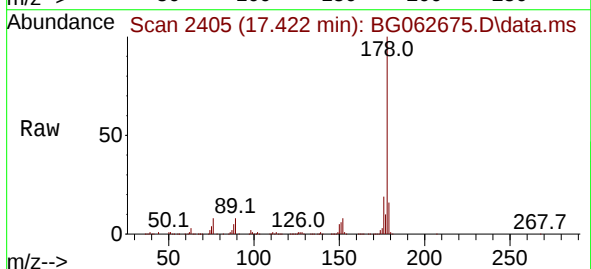
Tgt Ion:178 Resp: 1300027

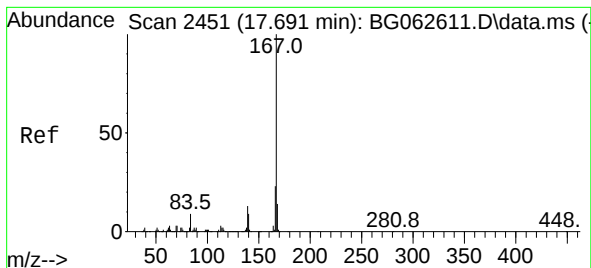
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 16.1 12.0 18.0





#73

Carbazole

Concen: 43.579 ng

RT: 17.692 min Scan# 2451

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

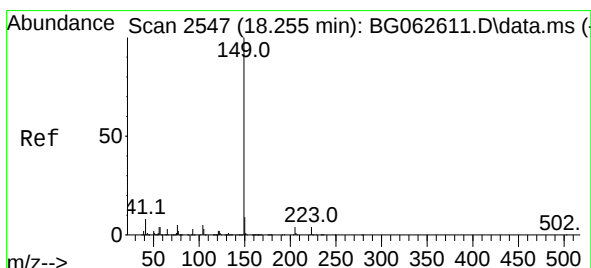
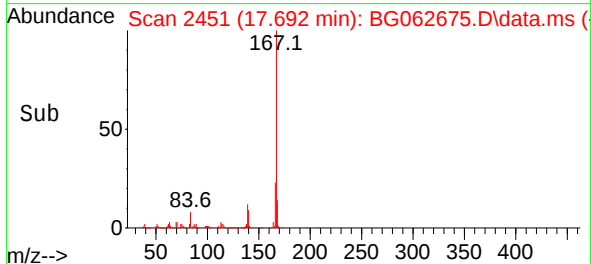
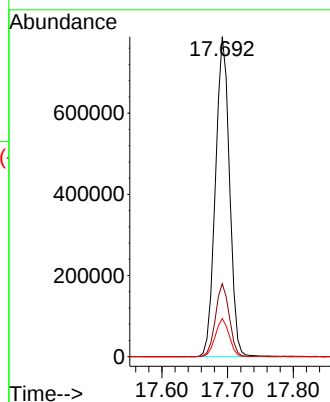
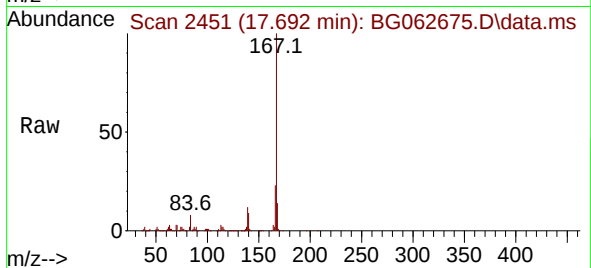
Tgt Ion:167 Resp: 1172027

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

139 11.9 10.1 15.1



#74

Di-n-butylphthalate

Concen: 44.435 ng

RT: 18.256 min Scan# 2547

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

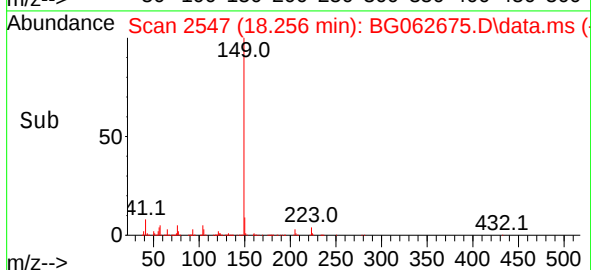
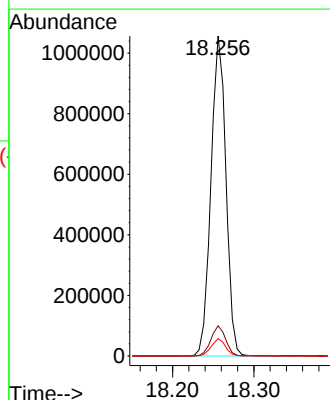
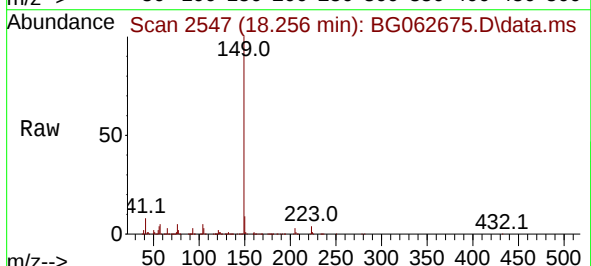
Tgt Ion:149 Resp: 1347750

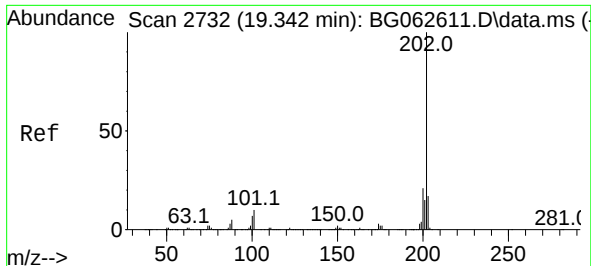
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.4 4.2 6.2

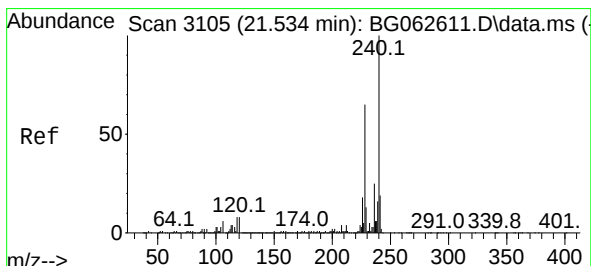
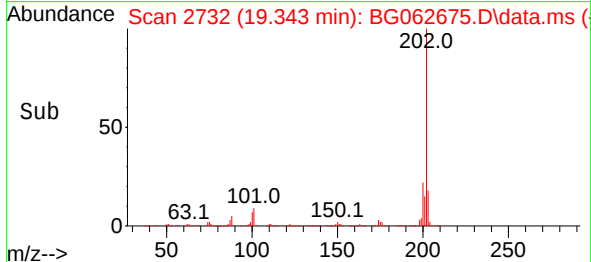
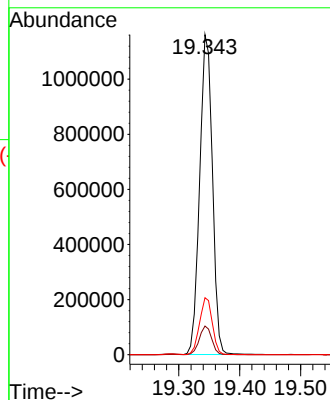
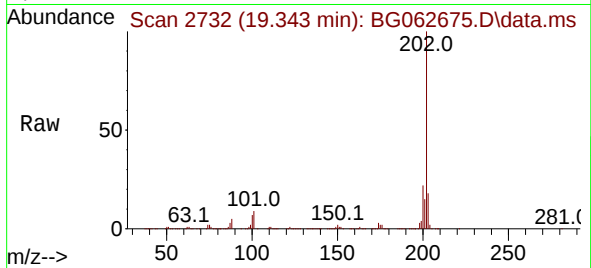




#75
Fluoranthene
Concen: 44.623 ng
RT: 19.343 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

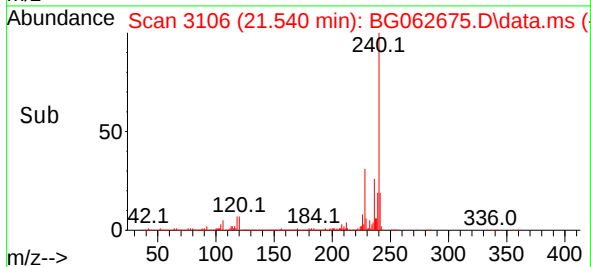
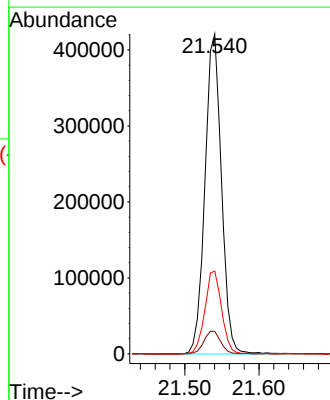
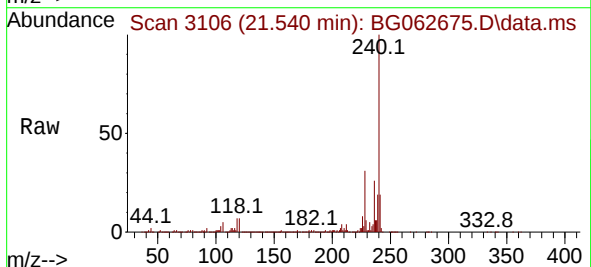
Instrument :
BNA_G
ClientSampleId :
IDOC-01

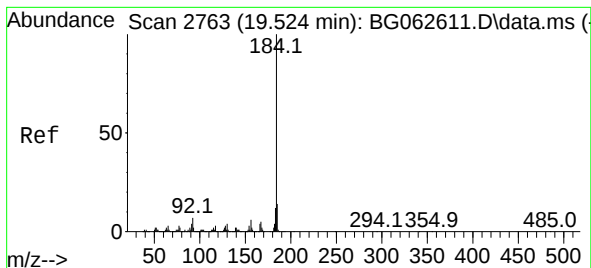
Tgt Ion:202 Resp: 1679279
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.6
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.540 min Scan# 3106
Delta R.T. 0.007 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:240 Resp: 652047
Ion Ratio Lower Upper
240 100
120 7.1 6.6 9.8
236 25.9 20.2 30.4





#77

Benzidine

Concen: 12.712 ng

RT: 19.525 min Scan# 2763

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

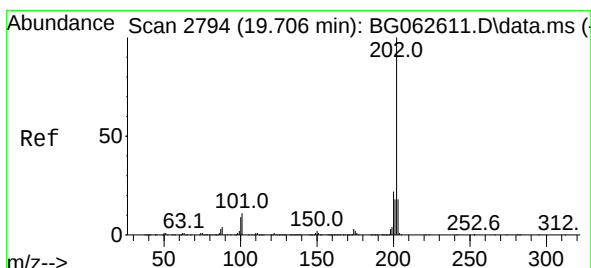
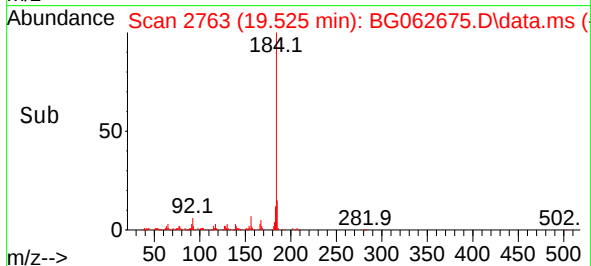
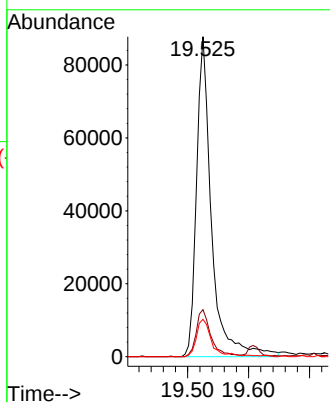
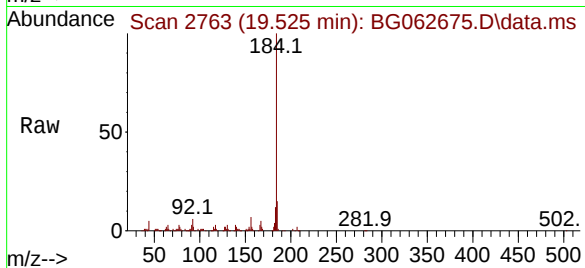
Tgt Ion:184 Resp: 149398

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.6

183 11.7 9.7 14.5



#78

Pyrene

Concen: 41.973 ng

RT: 19.707 min Scan# 2794

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

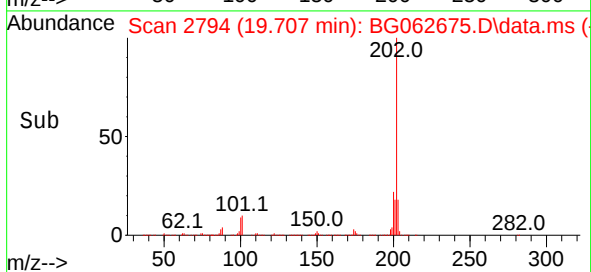
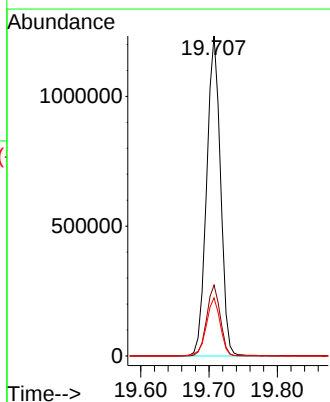
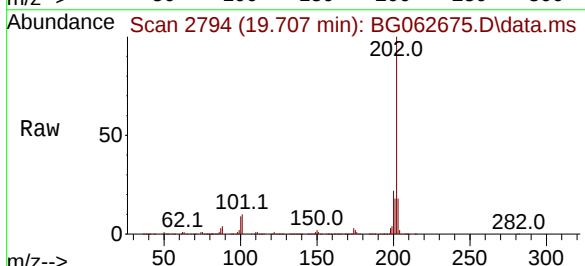
Tgt Ion:202 Resp: 1739725

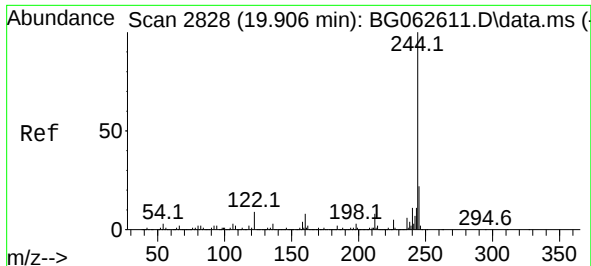
Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 83.408 ng

RT: 19.913 min Scan# 2

Delta R.T. 0.007 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

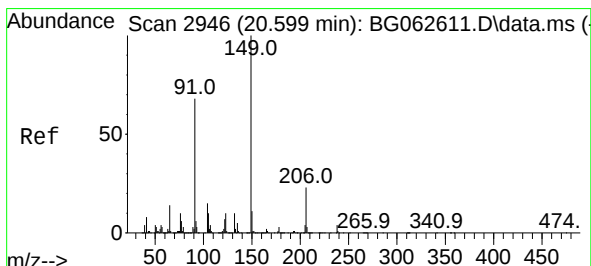
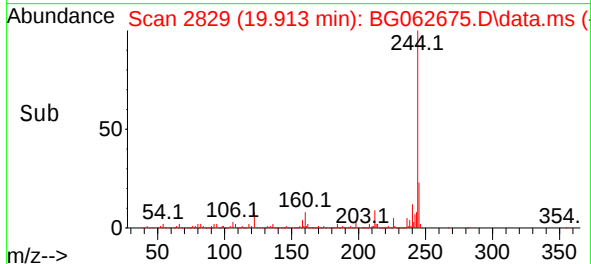
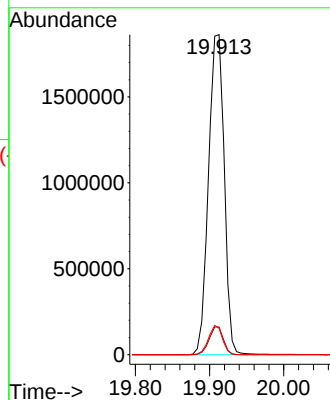
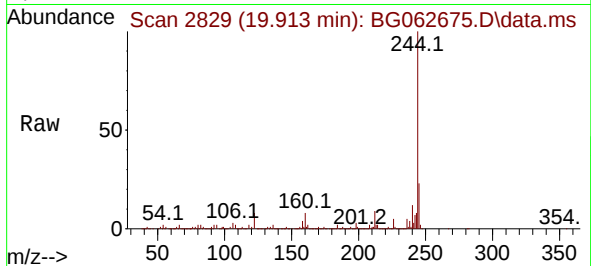
Tgt Ion:244 Resp: 2742837

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

122 8.2 7.2 10.8



#80

Butylbenzylphthalate

Concen: 44.998 ng

RT: 20.600 min Scan# 2946

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

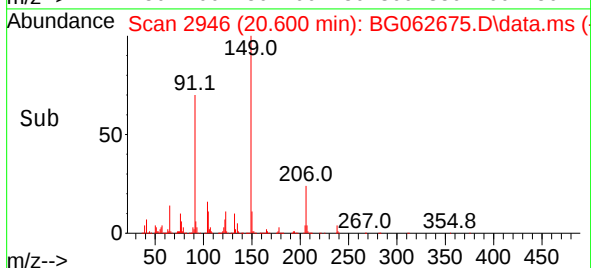
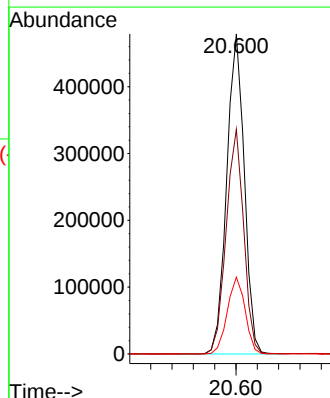
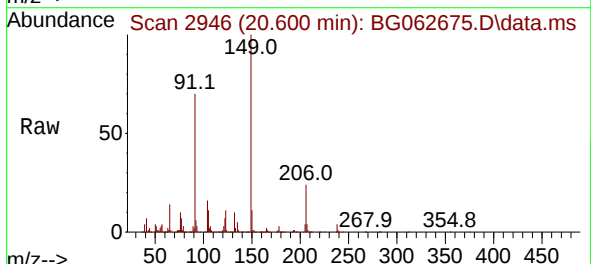
Tgt Ion:149 Resp: 547834

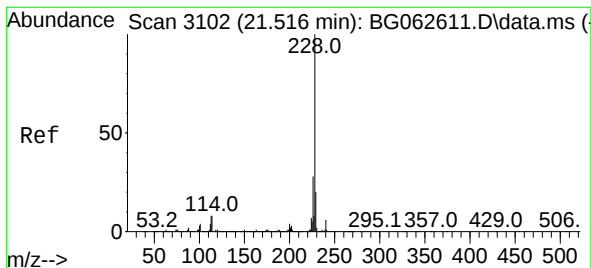
Ion Ratio Lower Upper

149 100

91 70.2 54.6 81.8

206 24.0 18.4 27.6





#81

Benzo(a)anthracene

Concen: 43.977 ng

RT: 21.517 min Scan# 3102

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

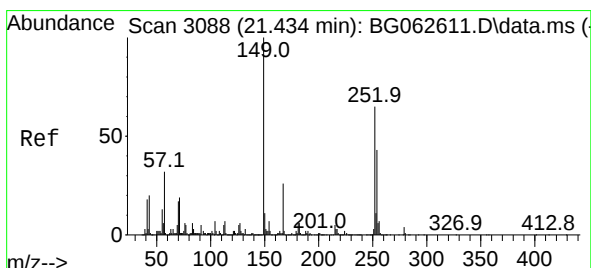
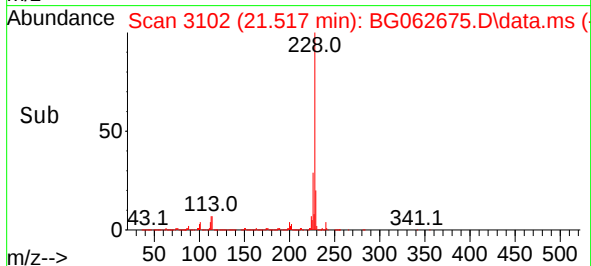
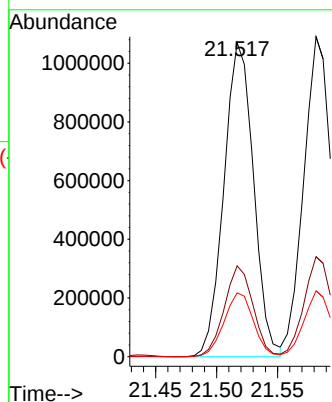
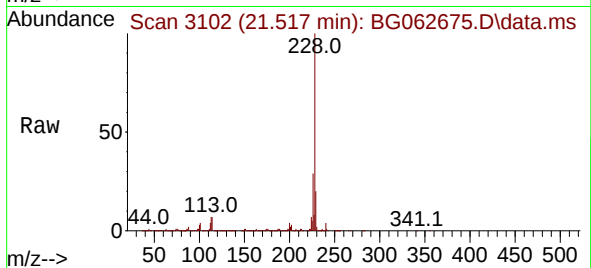
Tgt Ion:228 Resp: 1808617

Ion Ratio Lower Upper

228 100

226 29.0 22.3 33.5

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 37.359 ng

RT: 21.440 min Scan# 3089

Delta R.T. 0.007 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

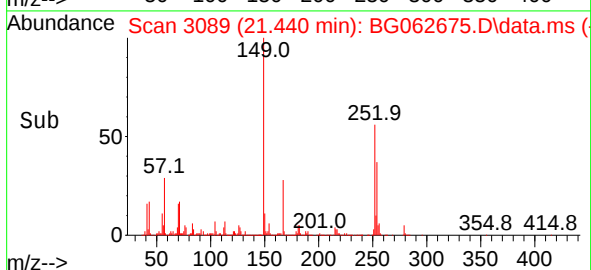
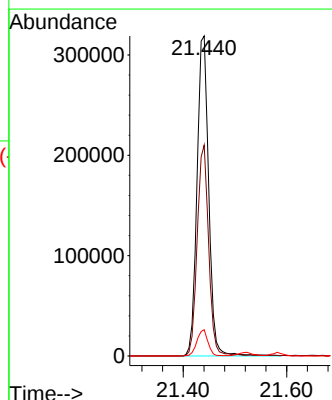
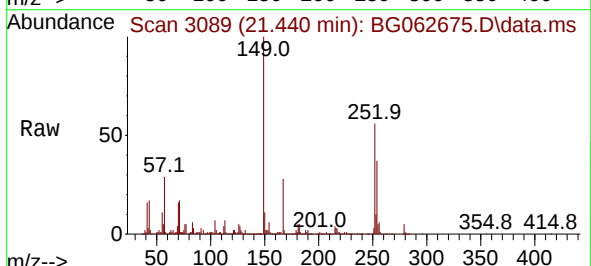
Tgt Ion:252 Resp: 500514

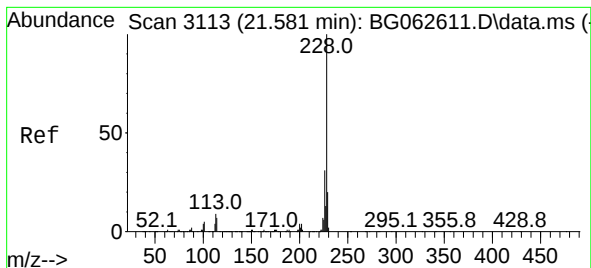
Ion Ratio Lower Upper

252 100

254 65.9 52.2 78.2

126 8.2 6.7 10.1





#83

Chrysene

Concen: 43.720 ng

RT: 21.581 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

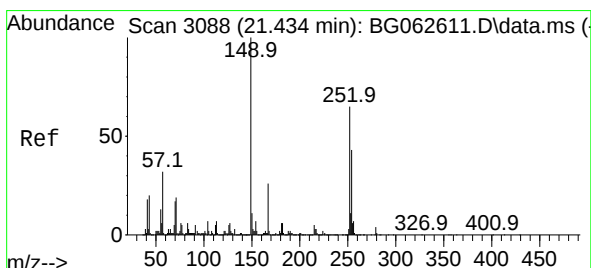
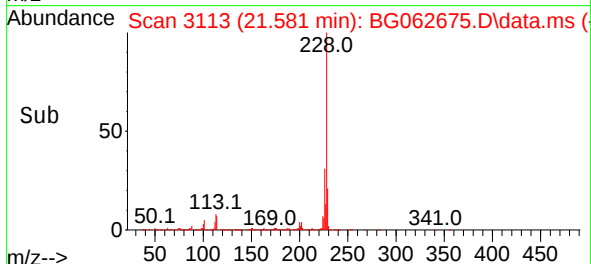
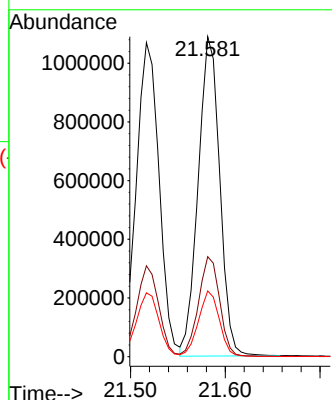
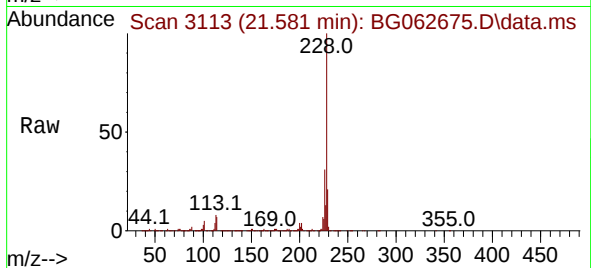
Tgt Ion:228 Resp: 1722250

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.910 ng

RT: 21.435 min Scan# 3088

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

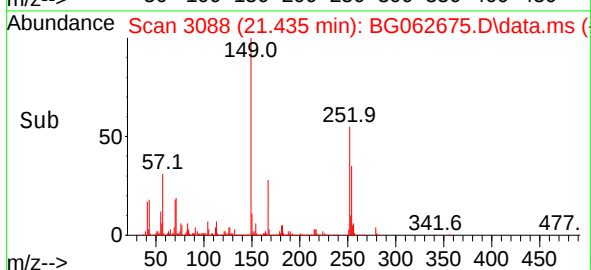
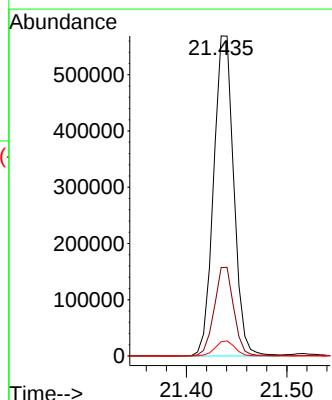
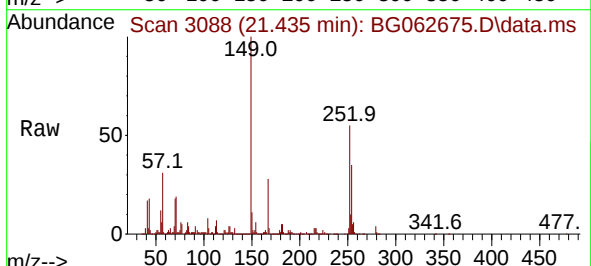
Tgt Ion:149 Resp: 793654

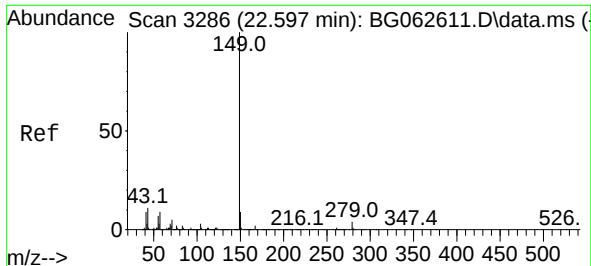
Ion Ratio Lower Upper

149 100

167 27.6 20.5 30.7

279 4.5 3.1 4.7

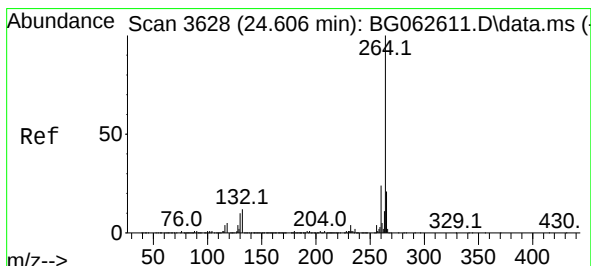
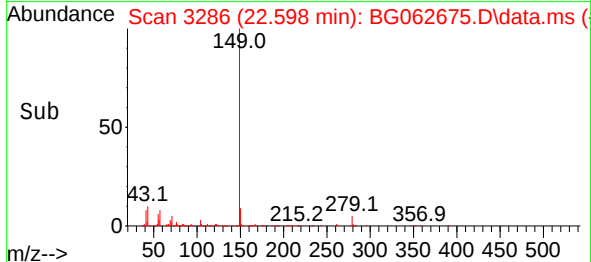
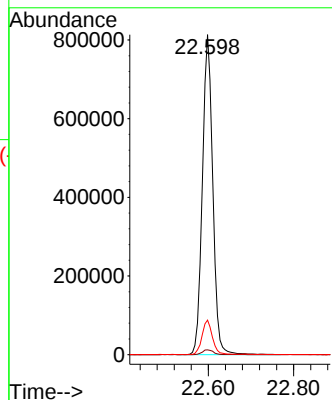
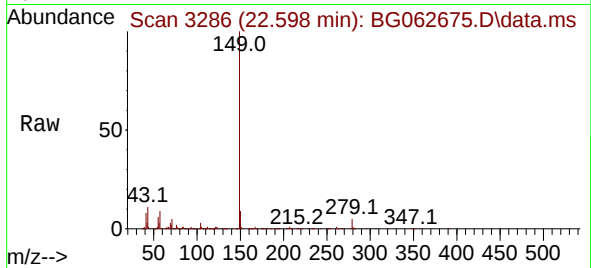




#85
Di-n-octyl phthalate
Concen: 42.384 ng
RT: 22.598 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

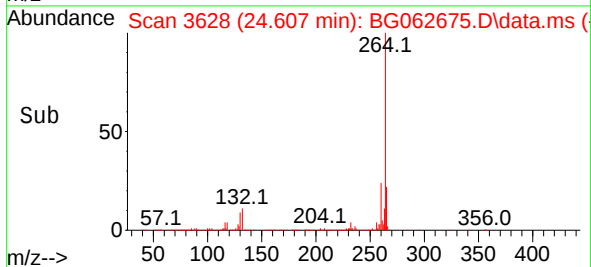
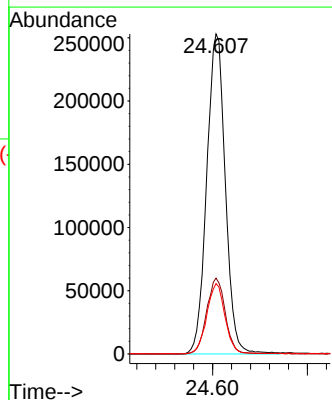
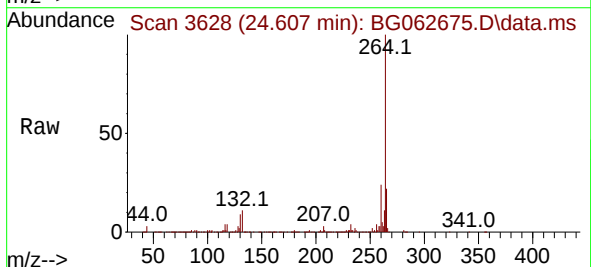
Instrument :
BNA_G
ClientSampleId :
IDOC-01

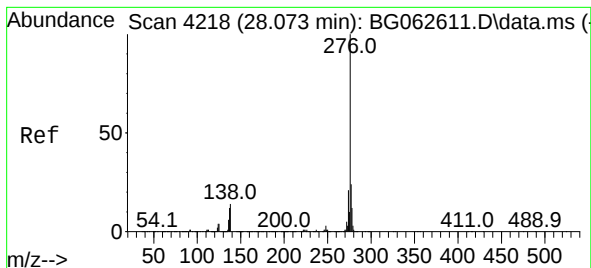
Tgt Ion:149 Resp: 1372562
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.0 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.607 min Scan# 3628
Delta R.T. 0.001 min
Lab File: BG062675.D
Acq: 6 Sep 2024 10:37

Tgt Ion:264 Resp: 690656
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.624 ng

RT: 28.086 min Scan# 4220

Delta R.T. 0.013 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

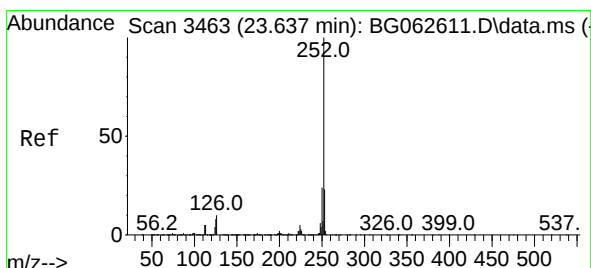
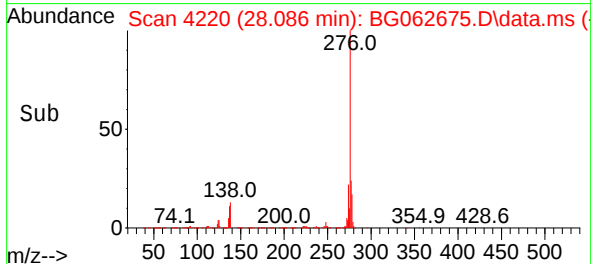
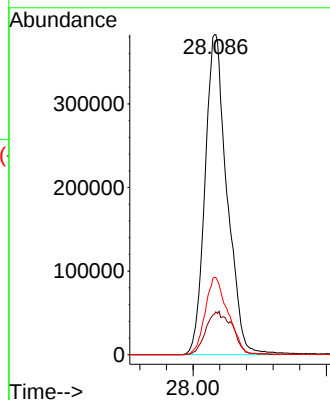
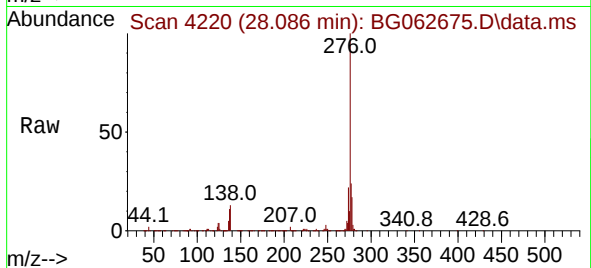
Tgt Ion:276 Resp: 2197675

Ion Ratio Lower Upper

276 100

138 16.0 14.9 22.3

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.010 ng

RT: 23.638 min Scan# 3463

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

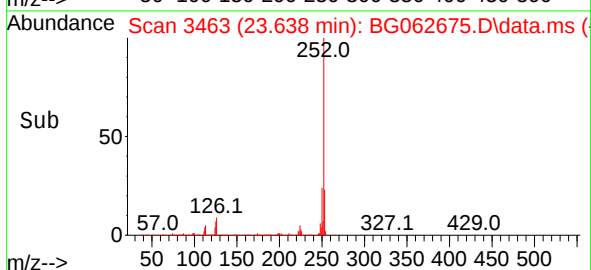
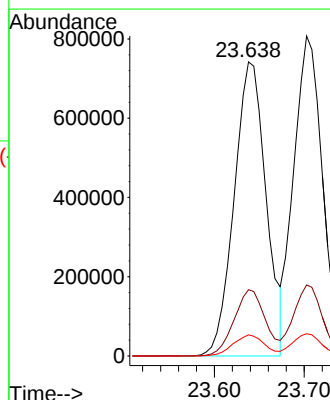
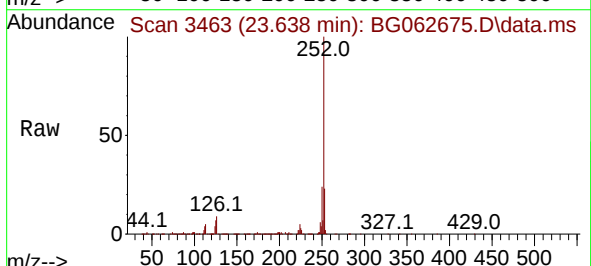
Tgt Ion:252 Resp: 1831481

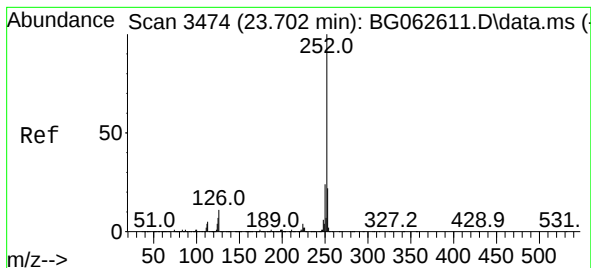
Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 7.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 48.552 ng

RT: 23.703 min Scan# 3474

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

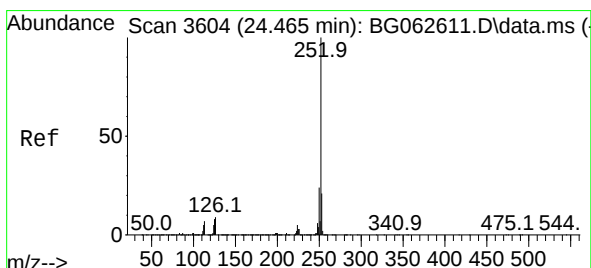
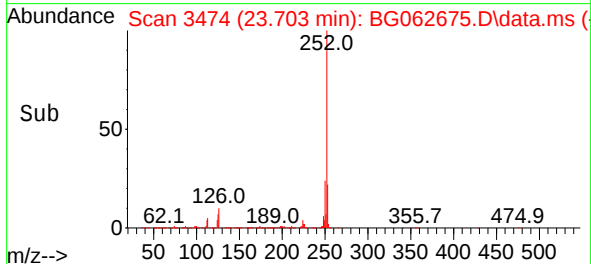
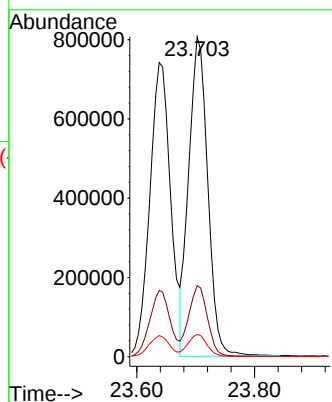
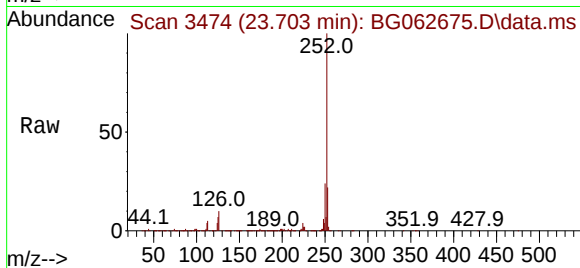
Tgt Ion:252 Resp: 1811784

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 6.9 6.1 9.1



#90

Benzo(a)pyrene

Concen: 49.564 ng

RT: 24.466 min Scan# 3604

Delta R.T. 0.001 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

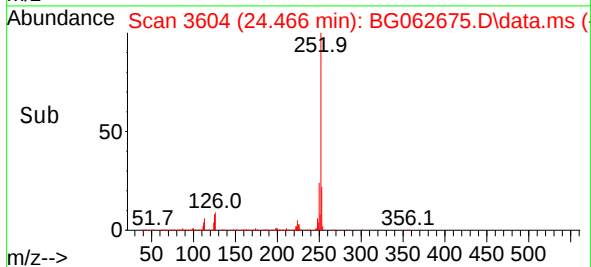
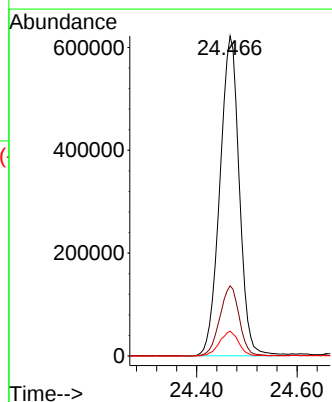
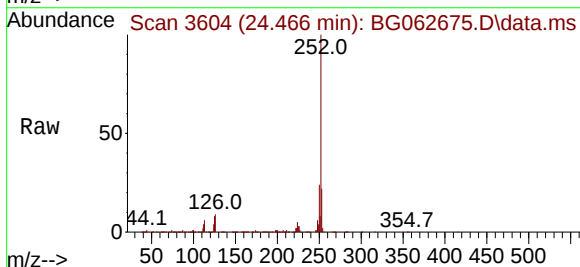
Tgt Ion:252 Resp: 1670361

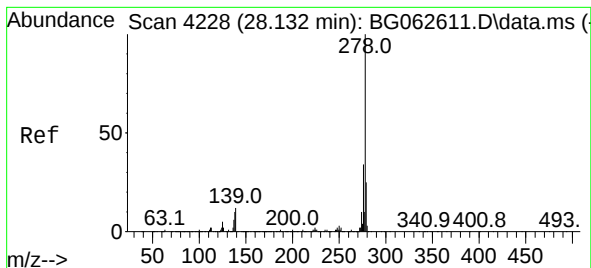
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 7.7 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 50.071 ng

RT: 28.139 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Instrument :

BNA_G

ClientSampleId :

IDOC-01

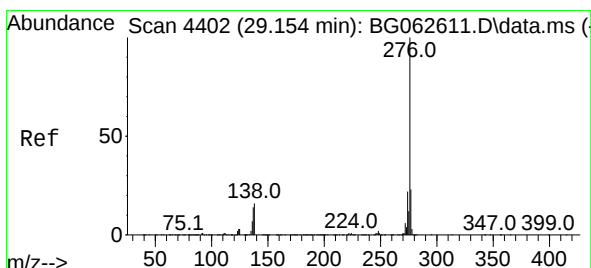
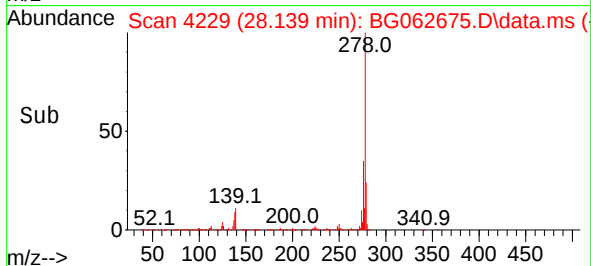
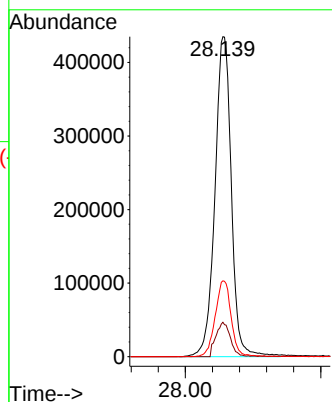
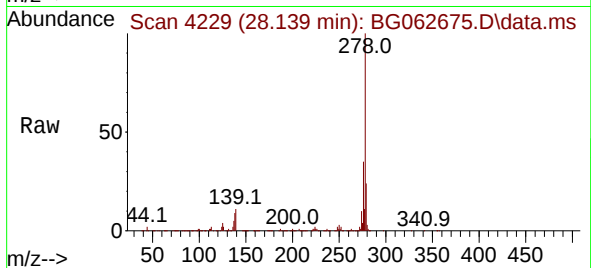
Tgt Ion:278 Resp: 1826692

Ion Ratio Lower Upper

278 100

139 10.8 9.2 13.8

279 23.7 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 46.502 ng

RT: 29.161 min Scan# 4403

Delta R.T. 0.007 min

Lab File: BG062675.D

Acq: 6 Sep 2024 10:37

Tgt Ion:276 Resp: 1710662

Ion Ratio Lower Upper

276 100

277 21.9 18.8 28.2

138 14.1 12.7 19.1

